



Date: Feb 10, 2026

Lighting Associates, Inc.  
3600 Swiftwater Park Drive  
Suwanee GA 30024  
Phone: (770) 448-9250

Job Name  
**MADISON METHODIST CHURCH RETRO FIT AND RENOVATION**  
LAI26-274992  
MADISON GA

Submittal Date  
Feb 10, 2026

*Engineer:*  
Electrical Design Consultants - Macon  
175 New Street  
Macon GA 31201

*Distributor:*  
Newton Electric Supply - Madison  
1171 Monticello Hwy  
Madison GA 30650



# Transmittal

Lighting Associates, Inc.  
3600 Swiftwater Park Drive  
Suwanee GA 30024  
Phone: (770) 448-9250  
From: Claudia Popadics

**Project** MADISON METHODIST CHURCH RETRO  
FIT AND RENOVATION  
**Quote#** LAI26-274992  
**Location** MADISON GA  
Contact:

ATTACHED WE ARE SENDING YOU 1 COPY OF THE FOLLOWING ITEM:

<input type="checkbox"/> Drawings	<input type="checkbox"/> Specifications	Other:
<input type="checkbox"/> Prints	<input type="checkbox"/> Information	
<input type="checkbox"/> Plans	<input checked="" type="checkbox"/> Submittals	

THESE ARE TRANSMITTED FOR:

<input type="checkbox"/> Prior Approval	<input type="checkbox"/> Resubmittal for Approval	<input type="checkbox"/> Record
<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Corrections	Bids due on:
<input type="checkbox"/> Approval as Submitted	<input type="checkbox"/> Your Use	Other:
<input type="checkbox"/> Approval as Noted	<input type="checkbox"/> Review and Comment	

Type	MFG	Part
A2	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7
A2E	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7 IE10WCP
A2 CHANGE	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7 / DGA24
A3	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7
A3E	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7 IE10WCP
B1	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7
B1E	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7 IE10WCP
B2	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7
B2E	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7 IE10WCP
B3	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7
B3E	Acuity Brands Lighting	STAKS 2X4 ALO6 SWW7 IE10WCP
C1	Acuity Brands Lighting	BLWP4 60L ADPT GZ10 LP835
C1E	Acuity Brands Lighting	BLWP4 60L ADPT GZ10 LP835 E10WLCP
C2	Acuity Brands Lighting	BLWP4 40L ADPT GZ10 LP835
C2E	Acuity Brands Lighting	BLWP4 40L ADPT GZ10 LP835 E10WLCP
D	Acuity Brands Lighting	LBR4 NCH ALO2 SWW1 AR LSS MWD MVOLT UGZ1
E	Acuity Brands Lighting	CLX L48 5000LM SEF RDL MVOLT GZ10 35K 80CRI WH
EE	Acuity Brands Lighting	CLX L48 5000LM SEF RDL MVOLT GZ10 35K 80CRI E10W WH
F1	Miscellaneous	ARTERIORS - BLADE SCONCE *FINISH*
F2	Miscellaneous	HUDSON VALLEY - MORGAN SUSPENSION F9994-GS
F3	Miscellaneous	HUXE - LENMORE LED VANITY LIGHT
F4	Miscellaneous	HUDSON VALLEY - ALLENDALE 2 TIER CHANDELIER
F5	Miscellaneous	VISUAL COMFORT - FAY LED WALL SCONCE IKF 2110HAB-FG



# Transmittal

Lighting Associates, Inc.  
3600 Swiftwater Park Drive  
Suwanee GA 30024  
Phone: (770) 448-9250  
From: Claudia Popadics

Type	MFG	Part
F6	Miscellaneous	HUDSON VALLEY - MORGAN SUSPENSION F9994-GS
F7	Miscellaneous	ARTERIORS - WATSON WALL SCONCE *FINISH*
F8	Baselite	REJ8FM/*FINISH*/100WINC
F9	Baselite	UL416/*FINISH*/ST48/*FINISH*/STC/ 150WINC
F10	Miscellaneous	ARTERIORS - ANDERSON PENDANT 42466
F11	Baselite	V216/*FINISH*/FMSTC/150WINC
G	Acuity Brands Lighting	JSF 7IN 10LM SWW5 90CRI MVOLT ZT WH
H	G Lighting	GL-2042-L95-W-XX-2-A
K	Acuity Brands Lighting	LBR6 NCH ALO3 SWW1 AR LSS MWD MVOLT UGZ1
L1	Acuity Brands Lighting	LDN6CYL 35/30 LO6 AR LSS MVOLT GZ1 ACC *FINISH*
L2	Acuity Brands Lighting	LDN6CYL 35/30 LO6 AR LSS MVOLT GZ1 ACC *FINISH*
M	Acuity Brands Lighting	LDN6CYL 35/30 LO6 AR LSS MVOLT GZ1 ACC *FINISH*
N	Acuity Brands Lighting	LBR6WW NCH ALO2 SWW1 AR LSS WW MVOLT UGZ1
OA	Acuity Brands Lighting	JSF 7IN 10LM SWW5 90CRI MVOLT ZT WH
OB	Allowance	\$950 ALLOWANCE
OC	Acuity Brands Lighting	TWR1 LED ALO SWW2 UVOLT PE DDBTXD
OD	Acuity Brands Lighting	TWR1 LED ALO SWW2 UVOLT PE DDBTXD
EXIT	Barron Lighting Group	S900 SERIES
BUGEYE	Acuity Brands Lighting	ELM4L
	Acuity Brands Lighting	AFO SERIES

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

**Type:****A2**

LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™

# STACK Switch

LED Center Element Lay-In

Available in 2x2 and 2x4 configurations, STACK Switch allows the end user to select from three lumen packages and three color temperatures all at an affordable price. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

- Contractor Select™ STACK Switch offer the most popular and readily available configurations.
- Color and lumen switching allows for maximum flexibility for contractors, distributors, and end users. High lumen settings allow for more coverage and higher mounting heights. Low lumen settings allow for lower mounting heights and increased power reduction.
- 0-10V dimming to 10%
- Long-life LEDs deliver 80% lumen maintenance at 60,000 hours



Switchable Lumens  
3500K 4000K 5000K



Catalog Number	UPC	Description	Lumens	Watts	Voltage	Color Temperature	Pallet qty.
STAKS 2X2 ALO3 SWW7	194995082056	2X2 Center Element Troffer	30L/40L/50L	26W - 45W	120V - 277V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7	194995082063	2X4 Center Element Troffer	40L/50L/60L	35W - 55W	120V - 277V	35K/40K/50K	30
STAKS 2X2 ALO3 SWW7 UVOLT	196183539205	2X2 Center Element Troffer	30L/40L/50L	21W - 41W	120V-347V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7 UVOLT	196183539670	2X4 Center Element Troffer	40L/50L/60L	31W-49W	120V-347V	35K/40K/50K	30

**Accessories:** Order as separate catalog number.

DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
2X4 SMKSHP PAF	2X4 Surface Mount Troffer Kit
2X2 SMKSHP PAF	2X2 Surface Mount Troffer Kit
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDB
ELA PSRME IC	Remote enclosure for battery for insulated ceiling
RKTBDP J40	Disconnect Plug (BDP) package of 40
RKTBDP J10	Disconnect Plug (BDP) Package of 10

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND

RENOVATION

Engineer: Electrical Design Consultants - Macon

(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

Notes:

Type:

**A2**

LAI26-274992

**PERFORMANCE DATA**

SWITCHABLE TABLE						
Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
		Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> STAKS 2X4 ALO6 SWW7  <b>Notes:</b>	<b>Type:</b> <b>A2</b>  LAI26-274992
--	--	--	---



## Specifications

### INTENDED USE:

The STACK Switch troffer delivers soft, glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK switch an ideal choice for renovation or new construction. The STACK switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

### CONSTRUCTION:

The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side, and drivers are accessible from the plenum.

### OPTICS:

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces - rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution.

### ELECTRICAL:

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver. Dims to 10%.

### LUMEN AND COLOR SWITCHING:

Integrated lumen and color switching module is easily accessible, and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high setting of both lumens and color.

### INSTALLATION:

With a depth of only 1.9", the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

### LISTINGS:

CSA Certified to meet U.S. and Canadian standards. IC rated.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

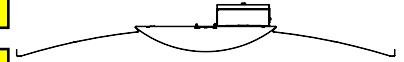
## Dimensions

2X4 Length: 47-3/4 (121.3)

2X2 Length: 23-3/4 (60.3)

Width: 23-3/4 (60.3)

Depth: 1.9 (4.8)



All dimensions are inches (centimeters) unless otherwise indicated.



Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****A2E**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Available in 2X2, 2X4, and 1X4 configurations, STACK Switch provides both functionality and efficiency. Selectable lumens allows for a variety of mounting heights and switchable color temperature allow you to fine tune the look of your space. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

• **Lumen and color switching make the STACK switch a distributor's dream! Go from stocking 108 configurations to just Twelve!**

• 0-10V dimming to 10%

• Long-life LEDs deliver 80% lumen maintenance at 60,000 hours

The STACK Switch troffer delivers glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK Switch an ideal choice for renovation or new construction. The STACK Switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips to securely attach the luminaire to the T-grid. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side and drivers are accessible from the plenum.

**INSTALLATION** — With a depth of only 1.9" for standard models and XX" for CP/EM models, the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 10%.

**Lumen and Color Switching:** Integrated lumen and color switching module is easily accessible and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high lumen and color settings.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

**LED Center Element Lay-In****STACK SWITCH****Specifications**

Length 1X4: 47-3/4 (121.3)

Width 1X4: 11-3/4

Length 2X2: 23-3/4 (60.3)

Width 2X2: 23-3/4 (60.3)

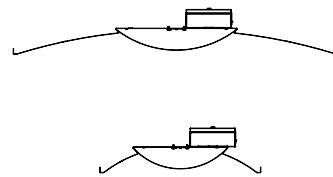
Length 2X4: 47-3/4 (121.3)

Width 2X4: 23-3/4 (60.3)

Depth 1X4, 2X2, 2X4: 1.9 (4.8)

Depth 1X4, 2x2, 2x4 CP: 3-3/8 (8.57)

Depth 1X4, 2x2, 2x4 EM: 3-5/8 (9.2)



Note: Dimensions are fixture housing only. For additional information, see final page.

All dimensions are inches (centimeters) unless otherwise specified.



Switchable Lumens

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

**ds design select**

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 AL06 SWW7 IE10WCP

Notes:

**Type:****A2E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKS 2X4 AL06 SWW7 IE10WCP

Series	Size & Lumens	Switchable	Options
STAKS STAK Switchable	1X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM 2X2 AL03 Switchable Lumens - 3000LM, 4000LM, and 5000LM	SWW7 Switchable CCT - 35K, 40K, 50K	(BLANK) No Option * CP Chicago Plenum Rated *
	2X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM		IE10WCP IE10WCP 10W Emergency backup, 10W *
			UVOLT 120-347 *

\* Only one option may be selected, multiple options can not be combined

**ACCESSORIES****Accessories:** Order as separate catalog number.

DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS

ELA PSRME IC	Remote enclosure for battery for insulated ceiling
*27005E RK8BDP 2P J40	Disconnect Plug (BDP) package of 40
*270055 RK8BDP 2P J10	Disconnect Plug (BDP) Package of 10
*270052 RK8BDP 2P U	Disconnect Plug (BDP) Unit Pack

Stack configurations available on [Contractor Select](#):

STAKS 2x2 AL03 SWW7

STAKS 2x4 AL06 SWW7

STAKS 2x2 AL03 SWW7 UVOLT

STAKS 2x2 AL06 SWW7 UVOLT

## STACK SWITCH LED Center Element Lay-In

STACK Switch

[WSXA D](#) and [SPODMA D](#) wall switches.

WSXA D



SPODMA D

### PERFORMANCE DATA

**SWITCHABLE TABLE** \*When adding an EM Battery Option, input wattage is increased by 2-4 Watts

Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
1X4	STAKS 1X4 ALO6 SWW7	Low Lumens	35K	4212	31.18	135
			40K	4369	30.32	144
			50K	4251	31.26	136
		Medium Lumens	35K	5205	39.92	130
			40K	5413	38.54	140
			50K	5229	39.85	131
		High Lumens	35K	6034	48.15	125
			40K	6328	46.22	137
			50K	6077	48.57	125
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
2X4	STAKS 2X4 ALO6 SWW7	Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

**Emergency Battery Delivered Lumens**

Total delivered lumens will differ when in emergency power, this can be calculated by using the following formula

**Delivered Lumens = 1.25 x 10 x LPW**

Lumens Per Watt (LPW) is calculated by Lumens / Wattage.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 / DGA24

Notes:

**Type:****A2 CHANGE**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Available in 2X2, 2X4, and 1X4 configurations, STACK Switch provides both functionality and efficiency. Selectable lumens allows for a variety of mounting heights and switchable color temperature allow you to fine tune the look of your space. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

• **Lumen and color switching make the STACK switch a distributor's dream! Go from stocking 108 configurations to just Twelve!**

• 0-10V dimming to 10%

• Long-life LEDs deliver 80% lumen maintenance at 60,000 hours

The STACK Switch troffer delivers glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK Switch an ideal choice for renovation or new construction. The STACK Switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips to securely attach the luminaire to the T-grid. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side and drivers are accessible from the plenum.

**INSTALLATION** — With a depth of only 1.9" for standard models and 9" for CP/EM models, the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 10%.

**Lumen and Color Switching:** Integrated lumen and color switching module is easily accessible and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high lumen and color settings.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

LED Center Element Lay-In

**STACK SWITCH****Specifications**

Length 1X4: 47-3/4 (121.3)

Width 1X4: 11-3/4

Length 2X2: 23-3/4 (60.3)

Width 2X2: 23-3/4 (60.3)

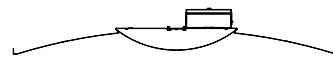
Length 2X4: 47-3/4 (121.3)

Width 2X4: 23-3/4 (60.3)

Depth 1X4, 2X2, 2X4: 1.9 (4.8)

Depth 1X4, 2x2, 2x4 CP: 3-3/8 (8.57)

Depth 1X4, 2x2, 2x4 EM: 3-5/8 (9.2)



Note: Dimensions are fixture housing only. For additional information, see final page.

All dimensions are inches (centimeters) unless otherwise specified.

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/plus](http://www.acuitybrands.com/plus).

**ds design select**

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 / DGA24

Notes:

**Type:****A2 CHANGE**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKS 2X4 ALO6 SWW7 IE10WCP

Series	Size & Lumens	Switchable	Options
STAKS STAK Switchable	1X4 ALO6 Switchable Lumens - 4000LM, 5000LM, and 6000LM 2X2 AL03 Switchable Lumens - 3000LM, 4000LM, and 5000LM	SWW7 Switchable CCT - 35K, 40K, 50K	(BLANK) No Option * CP Chicago Plenum Rated *
	2X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM		IE10WCP IE10WCP 10W Emergency backup, 10W * UVOLT 120-347 *

\* Only one option may be selected, multiple options can not be combined

**ACCESSORIES****Accessories:** Order as separate catalog number.

DGA14	Drywall grid adapter for 1x4 recessed fixture.	ELA PSRME IC	Remote enclosure for battery for insulated ceiling
DGA22	Drywall grid adapter for 2x2 recessed fixture.	*27005E RK8BDP 2P J40	Disconnect Plug (BDP) package of 40
DGA24	Drywall grid adapter for 2x4 recessed fixture.	*270055 RK8BDP 2P J10	Disconnect Plug (BDP) Package of 10
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint	*270052 RK8BDP 2P U	Disconnect Plug (BDP) Unit Pack
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint		
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint		
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)		
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS		

Stack configurations available on [Contractor Select](#):

STAKS 2x2 AL03 SWW7

STAKS 2x4 AL06 SWW7

STAKS 2x2 AL03 SWW7 UVOLT

STAKS 2x2 AL06 SWW7 UVOLT

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 / DGA24

Notes:

Type:

**A2 CHANGE**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**

STACK Switch

[WSXA D](#) and [SPODMA D](#) wall switches.

WSXA D



SPODMA D

**PERFORMANCE DATA****SWITCHABLE TABLE** \*When adding an EM Battery Option, input wattage is increased by 2-4 Watts

Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
1X4	STAKS 1X4 ALO6 SWW7	Low Lumens	35K	4212	31.18	135
			40K	4369	30.32	144
			50K	4251	31.26	136
		Medium Lumens	35K	5205	39.92	130
			40K	5413	38.54	140
			50K	5229	39.85	131
		High Lumens	35K	6034	48.15	125
			40K	6328	46.22	137
			50K	6077	48.57	125
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
2X4	STAKS 2X4 ALO6 SWW7	Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

**Emergency Battery Delivered Lumens**

Total delivered lumens will differ when in emergency power, this can be calculated by using the following formula

**Delivered Lumens = 1.25 x 10 x LPW**

Lumens Per Watt (LPW) is calculated by Lumens / Wattage.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

**Type:****A3**

LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™

# STACK Switch

LED Center Element Lay-In

Available in 2x2 and 2x4 configurations, STACK Switch allows the end user to select from three lumen packages and three color temperatures all at an affordable price. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

- Contractor Select™ STACK Switch offer the most popular and readily available configurations.
- Color and lumen switching allows for maximum flexibility for contractors, distributors, and end users. High lumen settings allow for more coverage and higher mounting heights. Low lumen settings allow for lower mounting heights and increased power reduction.
- 0-10V dimming to 10%
- Long-life LEDs deliver 80% lumen maintenance at 60,000 hours



Switchable Lumens  
3500K 4000K 5000K



Catalog Number	UPC	Description	Lumens	Watts	Voltage	Color Temperature	Pallet qty.
STAKS 2X2 ALO3 SWW7	194995082056	2X2 Center Element Troffer	30L/40L/50L	26W - 45W	120V - 277V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7	194995082063	2X4 Center Element Troffer	40L/50L/60L	35W - 55W	120V - 277V	35K/40K/50K	30
STAKS 2X2 ALO3 SWW7 UVOLT	196183539205	2X2 Center Element Troffer	30L/40L/50L	21W - 41W	120V-347V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7 UVOLT	196183539670	2X4 Center Element Troffer	40L/50L/60L	31W-49W	120V-347V	35K/40K/50K	30

**Accessories:** Order as separate catalog number.

DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
2X4 SMKSHP PAF	2X4 Surface Mount Troffer Kit
2X2 SMKSHP PAF	2X2 Surface Mount Troffer Kit
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDB
ELA PSRME IC	Remote enclosure for battery for insulated ceiling
RKTBDP J40	Disconnect Plug (BDP) package of 40
RKTBDP J10	Disconnect Plug (BDP) Package of 10

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

Notes:

Type:

**A3**

LAI26-274992

**PERFORMANCE DATA**

SWITCHABLE TABLE						
Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
		Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> STAKS 2X4 ALO6 SWW7  <b>Notes:</b>	Type: <b>A3</b> LAI26-274992
--	--	--	------------------------------------



## Specifications

### INTENDED USE:

The STACK Switch troffer delivers soft, glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK switch an ideal choice for renovation or new construction. The STACK switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

### CONSTRUCTION:

The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side, and drivers are accessible from the plenum.

### OPTICS:

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces - rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution.

### ELECTRICAL:

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver. Dims to 10%.

### LUMEN AND COLOR SWITCHING:

Integrated lumen and color switching module is easily accessible, and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high setting of both lumens and color.

### INSTALLATION:

With a depth of only 1.9", the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

### LISTINGS:

CSA Certified to meet U.S. and Canadian standards. IC rated.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

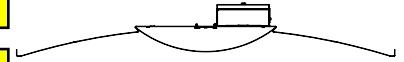
## Dimensions

2X4 Length: 47-3/4 (121.3)

2X2 Length: 23-3/4 (60.3)

Width: 23-3/4 (60.3)

Depth: 1.9 (4.8)



All dimensions are inches (centimeters) unless otherwise indicated.



Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

**Type:****A3E**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Available in 2X2, 2X4, and 1X4 configurations, STACK Switch provides both functionality and efficiency. Selectable lumens allows for a variety of mounting heights and switchable color temperature allow you to fine tune the look of your space. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

• **Lumen and color switching make the STACK switch a distributor's dream! Go from stocking 108 configurations to just Twelve!**

• 0-10V dimming to 10%

• Long-life LEDs deliver 80% lumen maintenance at 60,000 hours

The STACK Switch troffer delivers glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK Switch an ideal choice for renovation or new construction. The STACK Switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips to securely attach the luminaire to the T-grid. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side and drivers are accessible from the plenum.

**INSTALLATION** — With a depth of only 1.9" for standard models and 9" for CP/EM models, the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 10%.

**Lumen and Color Switching:** Integrated lumen and color switching module is easily accessible and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high lumen and color settings.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

**LED Center Element Lay-In****STACK SWITCH****Specifications**

Length 1X4: 47-3/4 (121.3)

Width 1X4: 11-3/4

Length 2X2: 23-3/4 (60.3)

Width 2X2: 23-3/4 (60.3)

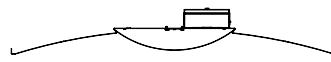
Length 2X4: 47-3/4 (121.3)

Width 2X4: 23-3/4 (60.3)

Depth 1X4, 2X2, 2X4: 1.9 (4.8)

Depth 1X4, 2X2, 2X4 CP: 3-3/8 (8.57)

Depth 1X4, 2X2, 2X4 EM: 3-5/8 (9.2)



Note: Dimensions are fixture housing only. For additional information, see final page.

All dimensions are inches (centimeters) unless otherwise specified.

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

**ds design select**

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****A3E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKS 2X4 ALO6 SWW7 IE10WCP

Series	Size & Lumens	Switchable	Options
STAKS STAK Switchable	1X4 ALO6 Switchable Lumens - 4000LM, 5000LM, and 6000LM 2X2 AL03 Switchable Lumens - 3000LM, 4000LM, and 5000LM	SWW7 Switchable CCT - 35K, 40K, 50K	(BLANK) No Option * CP Chicago Plenum Rated *
	2X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM		IE10WCP IE10WCP 10W Emergency backup, 10W * UVOLT 120-347 *

\* Only one option may be selected, multiple options can not be combined

**ACCESSORIES****Accessories:** Order as separate catalog number.

DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS

ELA PSRME IC	Remote enclosure for battery for insulated ceiling
*27005E RK8BDP 2P J40	Disconnect Plug (BDP) package of 40
*270055 RK8BDP 2P J10	Disconnect Plug (BDP) Package of 10
*270052 RK8BDP 2P U	Disconnect Plug (BDP) Unit Pack

Stack configurations available on [Contractor Select](#):

STAKS 2x2 AL03 SWW7  
STAKS 2x4 AL06 SWW7  
STAKS 2x2 AL03 SWW7 UVOLT  
STAKS 2x2 AL06 SWW7 UVOLT

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****A3E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**

STACK Switch

[WSXA D](#) and [SPODMA D](#) wall switches.

WSXA D



SPODMA D

**PERFORMANCE DATA****SWITCHABLE TABLE** \*When adding an EM Battery Option, input wattage is increased by 2-4 Watts

Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
1X4	STAKS 1X4 ALO6 SWW7	Low Lumens	35K	4212	31.18	135
			40K	4369	30.32	144
			50K	4251	31.26	136
		Medium Lumens	35K	5205	39.92	130
			40K	5413	38.54	140
			50K	5229	39.85	131
		High Lumens	35K	6034	48.15	125
			40K	6328	46.22	137
			50K	6077	48.57	125
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
2X4	STAKS 2X4 ALO6 SWW7	Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

**Emergency Battery Delivered Lumens**

Total delivered lumens will differ when in emergency power, this can be calculated by using the following formula

**Delivered Lumens = 1.25 x 10 x LPW**

Lumens Per Watt (LPW) is calculated by Lumens / Wattage.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

**Type:****B1**

LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™

# STACK Switch

LED Center Element Lay-In

Available in 2x2 and 2x4 configurations, STACK Switch allows the end user to select from three lumen packages and three color temperatures all at an affordable price. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

- Contractor Select™ STACK Switch offer the most popular and readily available configurations.
- Color and lumen switching allows for maximum flexibility for contractors, distributors, and end users. High lumen settings allow for more coverage and higher mounting heights. Low lumen settings allow for lower mounting heights and increased power reduction.
- 0-10V dimming to 10%
- Long-life LEDs deliver 80% lumen maintenance at 60,000 hours



Switchable Lumens  
3500K 4000K 5000K



Catalog Number	UPC	Description	Lumens	Watts	Voltage	Color Temperature	Pallet qty.
STAKS 2X2 ALO3 SWW7	194995082056	2X2 Center Element Troffer	30L/40L/50L	26W - 45W	120V - 277V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7	194995082063	2X4 Center Element Troffer	40L/50L/60L	35W - 55W	120V - 277V	35K/40K/50K	30
STAKS 2X2 ALO3 SWW7 UVOLT	196183539205	2X2 Center Element Troffer	30L/40L/50L	21W - 41W	120V-347V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7 UVOLT	196183539670	2X4 Center Element Troffer	40L/50L/60L	31W-49W	120V-347V	35K/40K/50K	30

**Accessories:** Order as separate catalog number.

DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
2X4 SMKSHP PAF	2X4 Surface Mount Troffer Kit
2X2 SMKSHP PAF	2X2 Surface Mount Troffer Kit
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDB
ELA PSRME IC	Remote enclosure for battery for insulated ceiling
RKTBDP J40	Disconnect Plug (BDP) package of 40
RKTBDP J10	Disconnect Plug (BDP) Package of 10

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

Notes:

Type:

**B1**

LAI26-274992

**PERFORMANCE DATA**

SWITCHABLE TABLE						
Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
		Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> STAKS 2X4 ALO6 SWW7  <b>Notes:</b>	<b>Type:</b>  <b>B1</b> LAI26-274992
--	--	--	---



## Specifications

### INTENDED USE:

The STACK Switch troffer delivers soft, glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK switch an ideal choice for renovation or new construction. The STACK switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

### CONSTRUCTION:

The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side, and drivers are accessible from the plenum.

### OPTICS:

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces - rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution.

### ELECTRICAL:

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver. Dims to 10%.

### LUMEN AND COLOR SWITCHING:

Integrated lumen and color switching module is easily accessible, and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high setting of both lumens and color.

### INSTALLATION:

With a depth of only 1.9", the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

### LISTINGS:

CSA Certified to meet U.S. and Canadian standards. IC rated.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

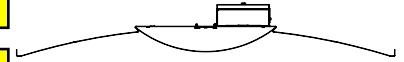
## Dimensions

2X4 Length: 47-3/4 (121.3)

2X2 Length: 23-3/4 (60.3)

Width: 23-3/4 (60.3)

Depth: 1.9 (4.8)



All dimensions are inches (centimeters) unless otherwise indicated.



Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

**Type:****B1E**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Available in 2X2, 2X4, and 1X4 configurations, STACK Switch provides both functionality and efficiency. Selectable lumens allows for a variety of mounting heights and switchable color temperature allow you to fine tune the look of your space. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

• **Lumen and color switching make the STACK switch a distributor's dream! Go from stocking 108 configurations to just Twelve!**

• 0-10V dimming to 10%

• Long-life LEDs deliver 80% lumen maintenance at 60,000 hours

The STACK Switch troffer delivers glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK Switch an ideal choice for renovation or new construction. The STACK Switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips to securely attach the luminaire to the T-grid. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side and drivers are accessible from the plenum.

**INSTALLATION** — With a depth of only 1.9" for standard models and 9" for CP/EM models, the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 10%.

**Lumen and Color Switching:** Integrated lumen and color switching module is easily accessible and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high lumen and color settings.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

**LED Center Element Lay-In****STACK SWITCH****Specifications**

Length 1X4: 47-3/4 (121.3)

Width 1X4: 11-3/4

Length 2X2: 23-3/4 (60.3)

Width 2X2: 23-3/4 (60.3)

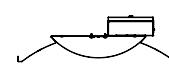
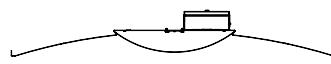
Length 2X4: 47-3/4 (121.3)

Width 2X4: 23-3/4 (60.3)

Depth 1X4, 2X2, 2X4: 1.9 (4.8)

Depth 1X4, 2X2, 2X4 CP: 3-3/8 (8.57)

Depth 1X4, 2X2, 2X4 EM: 3-5/8 (9.2)



Note: Dimensions are fixture housing only. For additional information, see final page.

All dimensions are inches (centimeters) unless otherwise specified.

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

**ds design select**

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****B1E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKS 2X4 ALO6 SWW7 IE10WCP

Series	Size & Lumens	Switchable	Options
STAKS STAK Switchable	1X4 ALO6 Switchable Lumens - 4000LM, 5000LM, and 6000LM 2X2 AL03 Switchable Lumens - 3000LM, 4000LM, and 5000LM	SWW7 Switchable CCT - 35K, 40K, 50K	(BLANK) No Option * CP Chicago Plenum Rated *
	2X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM		IE10WCP IE10WCP 10W Emergency backup, 10W * UVOLT 120-347 *

\* Only one option may be selected, multiple options can not be combined

**ACCESSORIES****Accessories:** Order as separate catalog number.

DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS

ELA PSRME IC	Remote enclosure for battery for insulated ceiling
*27005E RK8BDP 2P J40	Disconnect Plug (BDP) package of 40
*270055 RK8BDP 2P J10	Disconnect Plug (BDP) Package of 10
*270052 RK8BDP 2P U	Disconnect Plug (BDP) Unit Pack

Stack configurations available on [Contractor Select](#):

STAKS 2x2 AL03 SWW7

STAKS 2x4 AL06 SWW7

STAKS 2x2 AL03 SWW7 UVOLT

STAKS 2x2 AL06 SWW7 UVOLT

## STACK SWITCH LED Center Element Lay-In

STACK Switch

[WSXA D](#) and [SPODMA D](#) wall switches.

WSXA D



SPODMA D

### PERFORMANCE DATA

**SWITCHABLE TABLE** \*When adding an EM Battery Option, input wattage is increased by 2-4 Watts

Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
1X4	STAKS 1X4 ALO6 SWW7	Low Lumens	35K	4212	31.18	135
			40K	4369	30.32	144
			50K	4251	31.26	136
		Medium Lumens	35K	5205	39.92	130
			40K	5413	38.54	140
			50K	5229	39.85	131
		High Lumens	35K	6034	48.15	125
			40K	6328	46.22	137
			50K	6077	48.57	125
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
2X4	STAKS 2X4 ALO6 SWW7	Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

**Emergency Battery Delivered Lumens**

Total delivered lumens will differ when in emergency power, this can be calculated by using the following formula

**Delivered Lumens = 1.25 x 10 x LPW**

Lumens Per Watt (LPW) is calculated by Lumens / Wattage.



**Job Name:**  
MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

**Type:****B2**

Notes: LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™

# STACK Switch

LED Center Element Lay-In

Available in 2x2 and 2x4 configurations, STACK Switch allows the end user to select from three lumen packages and three color temperatures all at an affordable price. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

- Contractor Select™ STACK Switch offer the most popular and readily available configurations.
- Color and lumen switching allows for maximum flexibility for contractors, distributors, and end users. High lumen settings allow for more coverage and higher mounting heights. Low lumen settings allow for lower mounting heights and increased power reduction.
- 0-10V dimming to 10%
- Long-life LEDs deliver 80% lumen maintenance at 60,000 hours



Switchable Lumens



Catalog Number	UPC	Description	Lumens	Watts	Voltage	Color Temperature	Pallet qty.
STAKS 2X2 ALO3 SWW7	194995082056	2X2 Center Element Troffer	30L/40L/50L	26W - 45W	120V - 277V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7	194995082063	2X4 Center Element Troffer	40L/50L/60L	35W - 55W	120V - 277V	35K/40K/50K	30
STAKS 2X2 ALO3 SWW7 UVOLT	196183539205	2X2 Center Element Troffer	30L/40L/50L	21W - 41W	120V-347V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7 UVOLT	196183539670	2X4 Center Element Troffer	40L/50L/60L	31W-49W	120V-347V	35K/40K/50K	30

**Accessories:** Order as separate catalog number.

DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
2X4 SMKSHP PAF	2X4 Surface Mount Troffer Kit
2X2 SMKSHP PAF	2X2 Surface Mount Troffer Kit
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDB
ELA PSRME IC	Remote enclosure for battery for insulated ceiling
RKTBDP J40	Disconnect Plug (BDP) package of 40
RKTBDP J10	Disconnect Plug (BDP) Package of 10

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND

RENOVATION

Engineer: Electrical Design Consultants - Macon

(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

Notes:

Type:

**B2**

LAI26-274992

**PERFORMANCE DATA**

SWITCHABLE TABLE						
Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
		Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> STAKS 2X4 ALO6 SWW7  <b>Notes:</b>	Type: <b>B2</b> LAI26-274992
--	--	--	------------------------------------



## Specifications

### INTENDED USE:

The STACK Switch troffer delivers soft, glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK switch an ideal choice for renovation or new construction. The STACK switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

### CONSTRUCTION:

The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side, and drivers are accessible from the plenum.

### OPTICS:

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces - rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution.

### ELECTRICAL:

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver. Dims to 10%.

### LUMEN AND COLOR SWITCHING:

Integrated lumen and color switching module is easily accessible, and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high setting of both lumens and color.

### INSTALLATION:

With a depth of only 1.9", the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

### LISTINGS:

CSA Certified to meet U.S. and Canadian standards. IC rated.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

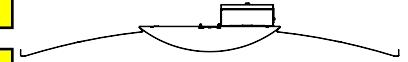
## Dimensions

2X4 Length: 47-3/4 (121.3)

2X2 Length: 23-3/4 (60.3)

Width: 23-3/4 (60.3)

Depth: 1.9 (4.8)



All dimensions are inches (centimeters) unless otherwise indicated.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

**Type:****B2E**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Available in 2X2, 2X4, and 1X4 configurations, STACK Switch provides both functionality and efficiency. Selectable lumens allows for a variety of mounting heights and switchable color temperature allow you to fine tune the look of your space. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

• **Lumen and color switching make the STACK switch a distributor's dream! Go from stocking 108 configurations to just Twelve!**

• 0-10V dimming to 10%

• Long-life LEDs deliver 80% lumen maintenance at 60,000 hours

The STACK Switch troffer delivers glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK Switch an ideal choice for renovation or new construction. The STACK Switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips to securely attach the luminaire to the T-grid. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side and drivers are accessible from the plenum.

**INSTALLATION** — With a depth of only 1.9" for standard models and 9" for CP/EM models, the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 10%.

**Lumen and Color Switching:** Integrated lumen and color switching module is easily accessible and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high lumen and color settings.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog  
Number

Notes

Type

**LED Center Element Lay-In****STACK SWITCH****Specifications**

Length 1X4: 47-3/4 (121.3)

Width 1X4: 11-3/4

Length 2X2: 23-3/4 (60.3)

Width 2X2: 23-3/4 (60.3)

Length 2X4: 47-3/4 (121.3)

Width 2X4: 23-3/4 (60.3)

Depth 1X4, 2X2, 2X4: 1.9 (4.8)

Depth 1X4, 2x2, 2x4 CP: 3-3/8 (8.57)

Depth 1X4, 2x2, 2x4 EM: 3-5/8 (9.2)



Note: Dimensions are fixture housing only. For additional information, see final page.

All dimensions are inches (centimeters) unless otherwise specified.



Switchable Lumens  
3500K 4000K 5000K  
☀ ☀ ☀

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/plus](http://www.acuitybrands.com/plus).

**ds design select**

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****B2E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKS 2X4 ALO6 SWW7 IE10WCP

Series	Size & Lumens	Switchable	Options
STAKS STAK Switchable	1X4 ALO6 Switchable Lumens - 4000LM, 5000LM, and 6000LM 2X2 AL03 Switchable Lumens - 3000LM, 4000LM, and 5000LM	SWW7 Switchable CCT - 35K, 40K, 50K	(BLANK) No Option * CP Chicago Plenum Rated *
	2X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM		IE10WCP IE10WCP 10W Emergency backup, 10W *
			UVOLT 120-347 *

\* Only one option may be selected, multiple options can not be combined

**ACCESSORIES****Accessories:** Order as separate catalog number.

DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS

ELA PSRME IC	Remote enclosure for battery for insulated ceiling
*27005E RK8BDP 2P J40	Disconnect Plug (BDP) package of 40
*270055 RK8BDP 2P J10	Disconnect Plug (BDP) Package of 10
*270052 RK8BDP 2P U	Disconnect Plug (BDP) Unit Pack

Stack configurations available on [Contractor Select](#):

STAKS 2x2 AL03 SWW7

STAKS 2x4 AL06 SWW7

STAKS 2x2 AL03 SWW7 UVOLT

STAKS 2x2 AL06 SWW7 UVOLT

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****B2E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**

STACK Switch

[WSXA D](#) and [SPODMA D](#) wall switches.

WSXA D



SPODMA D

**PERFORMANCE DATA****SWITCHABLE TABLE** \*When adding an EM Battery Option, input wattage is increased by 2-4 Watts

Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
1X4	STAKS 1X4 ALO6 SWW7	Low Lumens	35K	4212	31.18	135
			40K	4369	30.32	144
			50K	4251	31.26	136
		Medium Lumens	35K	5205	39.92	130
			40K	5413	38.54	140
			50K	5229	39.85	131
		High Lumens	35K	6034	48.15	125
			40K	6328	46.22	137
			50K	6077	48.57	125
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
2X4	STAKS 2X4 ALO6 SWW7	Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

**Emergency Battery Delivered Lumens**

Total delivered lumens will differ when in emergency power, this can be calculated by using the following formula

**Delivered Lumens = 1.25 x 10 x LPW**

Lumens Per Watt (LPW) is calculated by Lumens / Wattage.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

**Type:****B3**

Notes:

LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™

# STACK Switch

LED Center Element Lay-In

Available in 2x2 and 2x4 configurations, STACK Switch allows the end user to select from three lumen packages and three color temperatures all at an affordable price. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

- Contractor Select™ STACK Switch offer the most popular and readily available configurations.
- Color and lumen switching allows for maximum flexibility for contractors, distributors, and end users. High lumen settings allow for more coverage and higher mounting heights. Low lumen settings allow for lower mounting heights and increased power reduction.
- 0-10V dimming to 10%
- Long-life LEDs deliver 80% lumen maintenance at 60,000 hours



Switchable Lumens  
3500K 4000K 5000K



Catalog Number	UPC	Description	Lumens	Watts	Voltage	Color Temperature	Pallet qty.
STAKS 2X2 ALO3 SWW7	194995082056	2X2 Center Element Troffer	30L/40L/50L	26W - 45W	120V - 277V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7	194995082063	2X4 Center Element Troffer	40L/50L/60L	35W - 55W	120V - 277V	35K/40K/50K	30
STAKS 2X2 ALO3 SWW7 UVOLT	196183539205	2X2 Center Element Troffer	30L/40L/50L	21W - 41W	120V-347V	35K/40K/50K	60
STAKS 2X4 ALO6 SWW7 UVOLT	196183539670	2X4 Center Element Troffer	40L/50L/60L	31W-49W	120V-347V	35K/40K/50K	30

**Accessories:** Order as separate catalog number.

DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
2X4 SMKSHP PAF	2X4 Surface Mount Troffer Kit
2X2 SMKSHP PAF	2X2 Surface Mount Troffer Kit
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDB
ELA PSRME IC	Remote enclosure for battery for insulated ceiling
RKTBDP J40	Disconnect Plug (BDP) package of 40
RKTBDP J10	Disconnect Plug (BDP) Package of 10

Submitted by Lighting Associates, Inc.



**Job Name:**  
 MADISON METHODIST CHURCH RETRO FIT AND  
 RENOVATION  
 Engineer: Electrical Design Consultants - Macon  
 (Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7

Notes:

**Type:****B3**

LAI26-274992



## PERFORMANCE DATA

SWITCHABLE TABLE						
Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
		Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> STAKS 2X4 ALO6 SWW7  <b>Notes:</b>	Type: <b>B3</b> LAI26-274992
--	--	--	------------------------------------



## Specifications

### INTENDED USE:

The STACK Switch troffer delivers soft, glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK switch an ideal choice for renovation or new construction. The STACK switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

### CONSTRUCTION:

The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side, and drivers are accessible from the plenum.

### OPTICS:

Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces - rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution.

### ELECTRICAL:

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver. Dims to 10%.

### LUMEN AND COLOR SWITCHING:

Integrated lumen and color switching module is easily accessible, and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high setting of both lumens and color.

### INSTALLATION:

With a depth of only 1.9", the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

### LISTINGS:

CSA Certified to meet U.S. and Canadian standards. IC rated.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

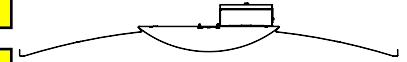
## Dimensions

2X4 Length: 47-3/4 (121.3)

2X2 Length: 23-3/4 (60.3)

Width: 23-3/4 (60.3)

Depth: 1.9 (4.8)



All dimensions are inches (centimeters) unless otherwise indicated.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

**Type:****B3E**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Available in 2X2, 2X4, and 1X4 configurations, STACK Switch provides both functionality and efficiency. Selectable lumens allows for a variety of mounting heights and switchable color temperature allow you to fine tune the look of your space. The wide center bashed and curved matte reflector allow STACK Switch to deliver a high quality of light while maintaining optimal performance.

• **Lumen and color switching make the STACK switch a distributor's dream! Go from stocking 108 configurations to just Twelve!**

• 0-10V dimming to 10%

• Long-life LEDs deliver 80% lumen maintenance at 60,000 hours

The STACK Switch troffer delivers glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the STACK Switch an ideal choice for renovation or new construction. The STACK Switch troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

**CONSTRUCTION** — The reflector is finished with a glare reducing matte white paint for improved aesthetics and increased light diffusion. End plates contain easy-to-position integral T-bar clips to securely attach the luminaire to the T-grid. Diffusers are extruded from impact modified acrylic for increased durability. LED boards are accessible from the room-side and drivers are accessible from the plenum.

**INSTALLATION** — With a depth of only 1.9" for standard models and 9" for CP/EM models, the STACK Switch makes for an easy installation, especially in restrictive plenum applications. The STACK Switch fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location.

**ELECTRICAL** — Long-life LED's, coupled with high-efficiency drivers provide superior quality of light and an extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). 0-10 volt dimming driver, dims to 10%.

**Lumen and Color Switching:** Integrated lumen and color switching module is easily accessible and mounted on the driver box on the back of the fixture. Simply adjust the toggle switch for low, medium, and high lumen and color settings.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution.

**LISTINGS** — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

**LED Center Element Lay-In****STACK SWITCH****Specifications**

Length 1X4: 47-3/4 (121.3)

Width 1X4: 11-3/4

Length 2X2: 23-3/4 (60.3)

Width 2X2: 23-3/4 (60.3)

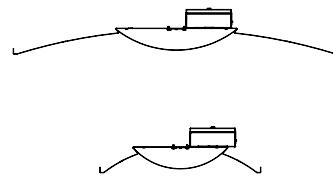
Length 2X4: 47-3/4 (121.3)

Width 2X4: 23-3/4 (60.3)

Depth 1X4, 2X2, 2X4: 1.9 (4.8)

Depth 1X4, 2X2, 2X4 CP: 3-3/8 (8.57)

Depth 1X4, 2X2, 2X4 EM: 3-5/8 (9.2)



Note: Dimensions are fixture housing only. For additional information, see final page.

All dimensions are inches (centimeters) unless otherwise specified.

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/plus](http://www.acuitybrands.com/plus).

**ds design select**

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****B3E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** STAKS 2X4 ALO6 SWW7 IE10WCP

Series	Size & Lumens	Switchable	Options
STAKS STAK Switchable	1X4 ALO6 Switchable Lumens - 4000LM, 5000LM, and 6000LM 2X2 AL03 Switchable Lumens - 3000LM, 4000LM, and 5000LM	SWW7 Switchable CCT - 35K, 40K, 50K	(BLANK) No Option * CP Chicago Plenum Rated *
	2X4 AL06 Switchable Lumens - 4000LM, 5000LM, and 6000LM		IE10WCP IE10WCP 10W Emergency backup, 10W *
			UVOLT 120-347 *

\* Only one option may be selected, multiple options can not be combined

**ACCESSORIES****Accessories:** Order as separate catalog number.

DGA14	Drywall grid adapter for 1x4 recessed fixture.	ELA PSRME IC	Remote enclosure for battery for insulated ceiling
DGA22	Drywall grid adapter for 2x2 recessed fixture.	*27005E RK8BDP 2P J40	Disconnect Plug (BDP) package of 40
DGA24	Drywall grid adapter for 2x4 recessed fixture.	*270055 RK8BDP 2P J10	Disconnect Plug (BDP) Package of 10
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint	*270052 RK8BDP 2P U	Disconnect Plug (BDP) Unit Pack
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint		
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint		
ILB CP10 A	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)		
ILBLP CP10 HE SD A	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS		

Stack configurations available on [Contractor Select](#):

STAKS 2x2 AL03 SWW7

STAKS 2x4 AL06 SWW7

STAKS 2x2 AL03 SWW7 UVOLT

STAKS 2x2 AL06 SWW7 UVOLT

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

STAKS 2X4 ALO6 SWW7 IE10WCP

Notes:

**Type:****B3E**

LAI26-274992

**STACK SWITCH LED Center Element Lay-In**

STACK Switch

[WSXA D](#) and [SPODMA D](#) wall switches.

WSXA D



SPODMA D

**PERFORMANCE DATA****SWITCHABLE TABLE** \*When adding an EM Battery Option, input wattage is increased by 2-4 Watts

Size	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
1X4	STAKS 1X4 ALO6 SWW7	Low Lumens	35K	4212	31.18	135
			40K	4369	30.32	144
			50K	4251	31.26	136
		Medium Lumens	35K	5205	39.92	130
			40K	5413	38.54	140
			50K	5229	39.85	131
		High Lumens	35K	6034	48.15	125
			40K	6328	46.22	137
			50K	6077	48.57	125
2X2	STAKS 2X2 ALO3 SWW7	Low Lumens	35K	3561	26.92	132
			40K	3683	26.18	141
			50K	3583	27.01	133
		Medium Lumens	35K	4371	34.23	128
			40K	4563	33.13	138
			50K	4375	34.22	128
		High Lumens	35K	5035	40.92	123
			40K	5297	39.41	134
			50K	5053	40.99	123
2X4	STAKS 2X4 ALO6 SWW7	Low Lumens	35K	4325	31.5	137
			40K	4470	30.61	146
			50K	4369	31.6	138
		Medium Lumens	35K	5310	40.09	132
			40K	5517	38.71	143
			50K	5357	40.26	133
		High Lumens	35K	6170	48.51	127
			40K	6492	46.6	139
			50K	6228	48.39	129

**Emergency Battery Delivered Lumens**

Total delivered lumens will differ when in emergency power, this can be calculated by using the following formula

**Delivered Lumens = 1.25 x 10 x LPW**

Lumens Per Watt (LPW) is calculated by Lumens / Wattage.

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> BLWP4 60L ADPT GZ10 LP835  <b>Notes:</b>	<b>Type:</b> <b>C1</b> LAI26-274992
--	--	--	---



#### DIGITAL NAVIGATION

[Ordering Tree](#) [Light Platform](#) [Sensor Switch JOT](#) [Photometrics](#) [Performance Data](#)

#### FEATURES & SPECIFICATIONS

**INTENDED USE** — The BLWP LED Wrap/ Wall bracket expands the BLT family with the features and aesthetics of the popular BLT and BLTR center basket design with a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLWP the perfect choice for many lighting applications including schools, offices, stairwells and other commercial spaces. With multiple mounting options, easy installation, and controls configurations, the BLWP is an excellent choice for renovation and new construction.

**CONSTRUCTION** — BLWP enclosure components are die-formed for dimensional consistency. For 2' and 4' product, hinged door frame allows easy access to electrical components and mounting locations without having to remove additional parts. For 8' product, suspension aircraft cables allow easy access to electrical components and mounting locations without having to remove additional parts. Available in three paint finishes: white (pre-paint), painted after fabrication white, and natural aluminum. Diffusers are extruded from impact modified acrylic for increased durability. Optional polycarbonate lens available for additional impact resistance, as well as Tamper Proof screws.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Five diffuser choices available - curved and square designs with ribbed, a smooth frosted finish, and a smooth polycarbonate finish.

**ELECTRICAL** — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Replaces 2 lamp fluorescent.

Configurable BLWP: Available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information on page 2.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Driver disconnect provided where required to comply with US and Canadian codes.

**CONTROLS — Standalone Embedded Controls** — BLWP is available with (wired or wireless) standalone embedded controls by SensorSwitch. A wired SensorSwitch or wireless SensorSwitch AIR (sensor and/or control device) can be embedded within this luminaire.

**Networked Embedded Controls** — BLWP is available with (wired or wireless) networked embedded controls by nLight®, addressing requirements of Luminaires Level Lighting Controls (LLLC).

A wired nLight or wireless nLight AIR (sensor and/or control device) can be embedded within this luminaire.

**INSTALLATION** — Intended for surface or suspend mounting. For row mounting and quick mounting to junction boxes see accessories section. Suitable for damp location.

**LISTINGS** — CSA Certified to meet U.S. and Canadian standards.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**GOVERNMENT PROCUREMENT** — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type



Low Profile LED Wraparound



**BLWP**

2', 4' and 8' Lengths



eldoLED  
your product | our drive



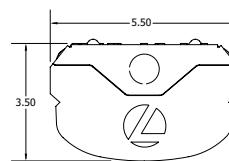
#### Specifications

##### 2' Dimensions

Length: 24 (60.96)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)

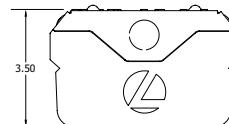


##### 4' Dimensions

Length: 48 (121.92)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)



##### 8' Dimensions

Length: 96 (243.84)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)

All dimensions are inches (centimeters) unless otherwise specified.

#### **A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

*All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.*

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**BLWP Low Profile LED Wraparound**

Design Select options indicated by this color background.

**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** BLWP4 40L ADP GZ10 LP840

Series	Lumens ‡		Lens/Diffuser	Voltage	Driver	Color Temperature
BLWP2 2' LED Wraparound	Standard Efficiency (>100 LPW)	High Efficiency ‡ (>130 LPW)	ADP Curved, ribbed	(blank) MVOLT	EZ1	LP830 82CRI, 3000K
	8L 800 Lumens	8LHE 800 Lumens	ADSM Curved, smooth	120 120V		LP835 82CRI, 3500K
	20L 2000 Lumens	20LHE 2000 Lumens	SDP Square, ribbed	277 277V		LP840 82CRI, 4000K
	33L 3300 Lumens	33LHE 3300 Lumens	SDSM Square, smooth	347 347V ‡	GZ1	LP850 82CRI, 5000K
	40L 4000 Lumens	40LHE 4000 Lumens	PDSM Curved, smooth polycarbonate ‡			LP930 90CRI, 3000K
	48L 4800 Lumens	48LHE 4800 Lumens	Diffusers w/ trim rings			LP935 90CRI, 3500K
BLWP4 4' LED Wraparound	15L 1500 Lumens	15LHE 1500 Lumens	ADPT Curved, ribbed			LP940 90CRI, 4000K
	20L 2000 Lumens	20LHE 2000 Lumens	ADSMT Curved, smooth			LP950 90CRI, 5000K
	30L 3000 Lumens	30LHE 3000 Lumens	SDPT Square, ribbed			
	40L 4000 Lumens	40LHE 4000 Lumens	SDSMT Square, smooth			
	48L 4800 Lumens	48LHE 4800 Lumens	PDSMT Curved, smooth polycarbonate ‡			
	60L 6000 Lumens	60LHE 6000 Lumens				
	72L 7200 Lumens	72LHE 7200 Lumens				
	85L 8500 Lumens	85LHE 8500 Lumens				
	100L 10000 Lumens	100LHE 10000 Lumens				
BLWP8 8' LED Wraparound	40L 4000 Lumens	40LHE 4000 Lumens				
	60L 6000 Lumens	60LHE 6000 Lumens				
	80L 8000 Lumens	80LHE 8000 Lumens				
	100L 10000 Lumens	100LHE 10000 Lumens				
	140L 14000 Lumens	140LHE 14000 Lumens				
	180L 18000 Lumens	180LHE 18000 Lumens				
	200L 20000 Lumens	200LHE 20000 Lumens				

nLight Interface ‡		Control ‡		Standalone Control	
nLight Wired		nLight Wired		MSD7ADCX	
(blank)	no nLight® interface	(blank)	no nLight control	MSD7ADCX	PIR integral occupancy sensor with automatic dimming control photocell ‡
N80	nLight with 80% lumen management	NES7	nLight™ nES 7 PIR integral occupancy sensor ‡	MSDPDT7ADCX	PDT integral occupancy sensor with with automatic dimming control photocell ‡
N80EMG	nLight with 80% lumen management. For use with generator supply EM power ‡	NESPD7	nLight™ nES PDT 7 dual technology integral occupancy control ‡	SSAIR	Wireless standalone embedded control by SensorSwitch ‡
N100	nLight without lumen management	NES7ADCX	nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ‡	SSAIR VAPIR	Wireless standalone embedded control by SensorSwitch with Passive Infrared Occup sensor with auto-dimming photocell ‡
N100EMG	nLight without lumen management. For use with generator supply EM power ‡	NESPDT7ADCX	nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ‡		
nLight Wireless		nLight Wireless			
(blank)	no nLight® interface	(blank)	no nLight control		
NLTAIR2	nLight AIR Generation 2 enabled ‡	RES7	nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡		
		RES7PDT	nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡		
		RIO	nLight AIR radio module without sensor ‡		
		RES7EM	nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡		
		RES7PDTEM	nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell & UL924 Emergency Operation, via power interrupt detection ‡		
		RIOEM	nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ‡		

Standby mode ‡		Options		Finish	
(blank)	Fixture with embedded sensor turns off when unoccupied	E10WLCP	EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS	GLR	Fast-blowing fuse ‡
DIM10	Fixture with embedded sensor dims to approximately 10% light output when unoccupied ‡	E7W	Emergency Battery Pack, 7W, CA Title 20 Noncompliant ‡	GMF	Slow-blowing fuse ‡
DIM50	Fixture with embedded sensor dims to approximately 50% light output when unoccupied ‡	E10W	Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS, CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch ( <a href="#">LINK</a> ) ‡	FAO	Field Adjustable Output ‡
NOC	Occupancy sensor disabled ‡	BGTD	Bodine Generator Transfer Device ‡	PLR1G	Plug-in wiring, see page 10 for ordering information ‡
		QMB	Quick Mount Bracket ‡	PLR1LVG	Plug-in wiring, low voltage dimming ‡
		TRS	Tamper Resistant Screw ‡		
		CRE	Continuous row, end, one end cap included ‡		

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart on the next page. Options are sorted alphanumerically.

See Accessories and footnotes on page 4.

## BLWP Low Profile LED Wraparound

### MOUNTING INFORMATION

For unit or row installation; surface or suspend mounting.

#### Accessory Images

##### Suspension Methods:

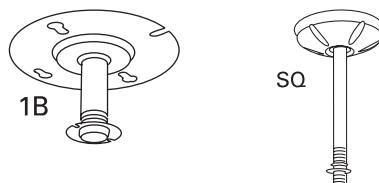
###### Aircraft Cable Suspension

Order one BLWPCG<sub>—</sub>, BLWPCGF<sub>—</sub>, or BLWPCGE<sub>—</sub> required for each suspension point.  
 F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.  
 F2 for use with recessed or surface-mount horizontal J-box applications.  
 See Accessories page on page 4 for part numbers configurations.



###### Stem Suspension

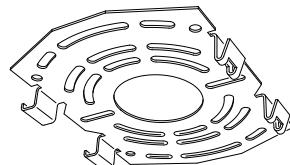
Individual installation — Two single-stem hangers required.



Note: 2' configurations with emergency option cannot be stem mounted.

#### (QMB) Quick Mount Bracket

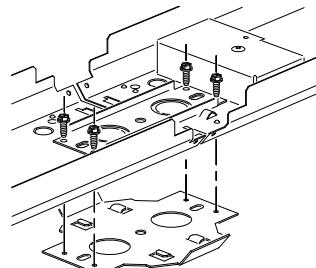
Quick Mount Bracket allows easy installation to junction boxes without having to remove any parts in the fixture.



Note: 2' and 8' configurations not available with QMB accessory.

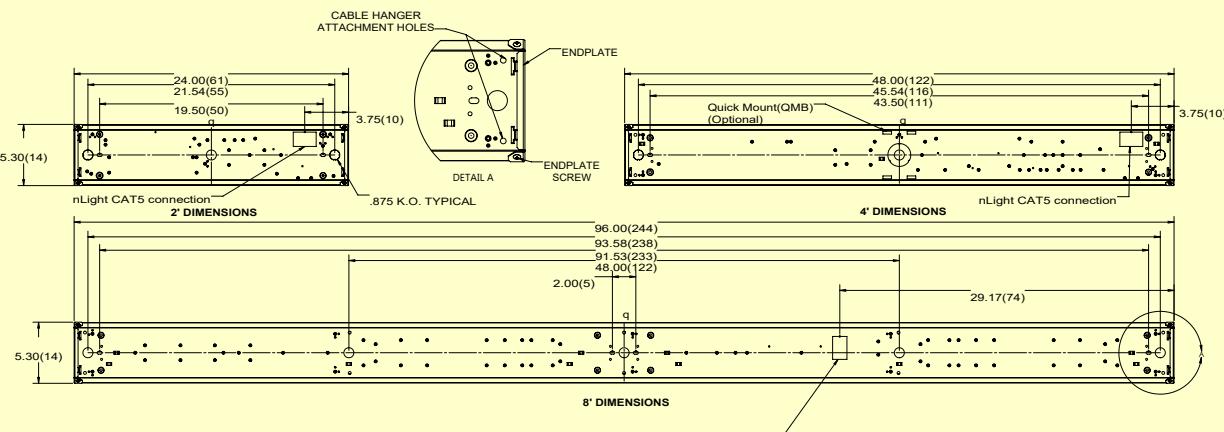
#### BLWPCR - continuous row mount bracket

Order one (1) BLWPCR bracket per fixture for continuous row applications (excluding BLWP2 as they cannot be row mounted). Order one hanger (Aircraft Cable Suspension Kit or Stem Suspension Kit) per fixture plus one per joiner required.



### DIMENSIONS

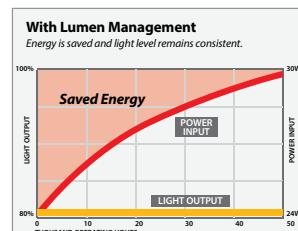
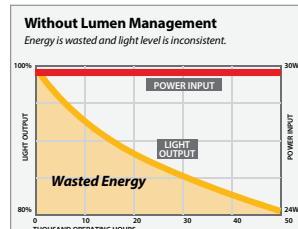
All dimensions are inches (centimeters) unless otherwise noted.



## BLWP Low Profile LED Wraparound

### Constant Lumen Management

Enabled by the embedded NLIGHT control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



### How to Estimate Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Estimated Lumens} = 1.25 \times P \times LPW$$

P = Output power of emergency driver, P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

### BLWP PERFORMANCE DATA <sup>24</sup>

Lumen Package	Lumens	Input Watts	LPW
BLWP2 8L ADP LP830	825	7	118
BLWP2 8L ADP LP835	855	7	122
BLWP2 8L ADP LP840	868	7	124
BLWP2 8L ADP LP850	893	7	128
BLWP2 20L ADP LP830	1876	17	110
BLWP2 20L ADP LP835	1942	17	114
BLWP2 20L ADP LP840	1973	17	116
BLWP2 20L ADP LP850	2029	17	119
BLWP2 33L ADP LP830	3180	30	107
BLWP2 33L ADP LP835	3332	30	112
BLWP2 33L ADP LP840	3345	30	112
BLWP2 33L ADP LP850	3440	30	115
BLWP2 40L ADP LP830	3914	37	105
BLWP2 40L ADP LP835	3923	37	105
BLWP2 40L ADP LP840	4117	37	110
BLWP2 40L ADP LP850	4234	37	113
BLWP2 48L ADP LP830	4772	44	109
BLWP2 48L ADP LP835	4940	44	112
BLWP2 48L ADP LP840	5019	44	114
BLWP2 48L ADP LP850	5162	44	118
BLWP4 15L ADP LP830	1372	11	126
BLWP4 15L ADP LP835	1420	11	129
BLWP4 15L ADP LP840	1443	11	131
BLWP4 15L ADP LP850	1484	11	135
BLWP4 20L ADP LP830	1985	16	124
BLWP4 20L ADP LP835	2055	16	128
BLWP4 20L ADP LP840	2088	16	131
BLWP4 20L ADP LP850	2147	16	134
BLWP4 30L ADP LP830	2960	25	118
BLWP4 30L ADP LP835	3065	25	123
BLWP4 30L ADP LP840	3114	25	125
BLWP4 30L ADP LP850	3203	25	128
BLWP4 40L ADP LP830	4027	35	115
BLWP4 40L ADP LP835	4391	35	125
BLWP4 40L ADP LP840	4236	35	121
BLWP4 40L ADP LP850	4357	35	124
BLWP4 48L ADP LP830	4948	40	124
BLWP4 48L ADP LP835	5137	40	129
BLWP4 48L ADP LP840	5205	40	131
BLWP4 48L ADP LP850	5353	40	134
BLWP4 60L ADP LP830	6059	49	123
<b>BLWP4 60L ADP LP835</b>	<b>6273</b>	<b>49</b>	<b>127</b>
BLWP4 60L ADP LP840	6373	49	129
BLWP4 60L ADP LP850	6555	49	133
BLWP4 72L ADP LP830	7088	59	121
BLWP4 72L ADP LP835	7338	59	125
BLWP4 72L ADP LP840	7455	59	127
BLWP4 72L ADP LP850	7668	59	131
BLWP4 85L ADP LP830	7972	68	117
BLWP4 85L ADP LP835	8253	68	121
BLWP4 85L ADP LP840	8385	68	123
BLWP4 85L ADP LP850	8624	68	127
BLWP4 100L ADP LP830	9316	85	110
BLWP4 100L ADP LP835	9645	85	114
BLWP4 100L ADP LP840	9799	85	116
BLWP4 100L ADP LP850	10079	85	119



**BLWP Low Profile LED Wraparound**Design Select options indicated  
by this color background.**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** BLWP4 40L ADP GZ10 LP840

Series	Lumens ‡		Lens/Diffuser	Voltage	Driver	Color Temperature
BLWP2 2' LED Wraparound	Standard Efficiency (>100 LPW)	High Efficiency ‡ (>130 LPW)	ADP Curved, ribbed ADSM Curved, smooth SDP Square, ribbed SDSM Square, smooth PDSM Curved, smooth polycarbonate ‡ Diffusers w/ trim rings ADPT Curved, ribbed ADSMT Curved, smooth SDPT Square, ribbed SDSMT Square, smooth PDSMT Curved, smooth polycarbonate ‡	(blank) MVOLT 120 120V 277 277V 347 347V ‡ GZ10 Generic dims to 10% (0-10v dimming) ‡ SLD Step-level dimming ‡	EZ1 eldoLED dims to 1% (0-10v dimming) GZ1 Generic dims to 1% (0-10v dimming) ‡ SLD Step-level dimming ‡	LP830 82CRI, 3000K LP835 82CRI, 3500K LP840 82CRI, 4000K LP850 82CRI, 5000K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K
BLWP4 4' LED Wraparound	15L 1500 Lumens 20L 2000 Lumens 30L 3000 Lumens 40L 4000 Lumens 48L 4800 Lumens 60L 6000 Lumens 72L 7200 Lumens 85L 8500 Lumens 100L 10000 Lumens	15LHE 1500 Lumens 20LHE 2000 Lumens 30LHE 3000 Lumens 40LHE 4000 Lumens 48LHE 4800 Lumens 60LHE 6000 Lumens 72LHE 7200 Lumens 85LHE 8500 Lumens 100LHE 10000 Lumens				
BLWP8 8' LED Wraparound	40L 4000 Lumens 60L 6000 Lumens 80L 8000 Lumens 100L 10000 Lumens 140L 14000 Lumens 180L 18000 Lumens 200L 20000 Lumens	40LHE 4000 Lumens 60LHE 6000 Lumens 80LHE 8000 Lumens 100LHE 10000 Lumens 140LHE 14000 Lumens 180LHE 18000 Lumens 200LHE 20000 Lumens				

nLight Interface ‡	Control ‡	Standalone Control
<b>nLight Wired</b>		
(blank) no nLight® interface	(blank) no nLight control	MSD7ADCX PIR integral occupancy sensor with automatic dimming control photocell ‡
N80 nLight with 80% lumen management	NE57 nLight™ nES 7 PIR integral occupancy sensor ‡	MSDPDT7ADCX PDT integral occupancy sensor with automatic dimming control photocell ‡
N80EMG nLight with 80% lumen management. For use with generator supply EM power ‡	NE57ADCX nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ‡	SSAIR Wireless standalone embedded control by SensorSwitch ‡
N80EMG nLight with 80% lumen management. For use with generator supply EM power ‡	NE57PDT7ADCX nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ‡	SSAIR VAPIR Wireless standalone embedded control by SensorSwitch with Passive Infrared Occupancy sensor with auto-dimming photocell ‡
<b>nLight Wireless</b>		
(blank) no nLight interface	(blank) no nLight control	
NLTAIR2 nLight AIR Generation 2 enabled ‡	RES7 nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡	
	RES7PDT nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡	
	RIO nLight AIR radio module without sensor ‡	
	RES7EM nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡	
	RES7PDT EM nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell & UL924 Emergency Operation, via power interrupt detection ‡	
	RIOEM nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ‡	

Standby mode ‡	Options	Finish
(blank) Fixture with embedded sensor turns off when unoccupied	E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS	(blank) Standard pre-paint white
DIM10 Fixture with embedded sensor dims to approximately 10% light output when unoccupied ‡	E7W Emergency Battery Pack, 7W, CA Title 20 Noncompliant ‡	PAF Paint After Fabrication White
DIM50 Fixture with embedded sensor dims to approximately 50% light output when unoccupied ‡	E10W Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS, CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡	DNA Paint After Fabrication Natural Aluminum
NOC Occupancy sensor disabled ‡	BGTD Bodine Generator Transfer Device ‡ QMB Quick Mount Bracket ‡ TRS Tamper Resistant Screw ‡ CRE Continuous row, end, one end cap included ‡	
	PLR1G Field Adjustable Output ‡ PLR1LG Plug-in wiring, see page 10 for ordering information ‡ PLR1LVG Plug-in wiring, low voltage dimming ‡	
	BDP Factory Installed Ballast Disconnect Plug	

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart on the next page. Options are sorted alphabetically.

See Accessories and footnotes on page 4.



BLWP

## BLWP Low Profile LED Wraparound

### MOUNTING INFORMATION

For unit or row installation; surface or suspend mounting.

#### Accessory Images

##### Suspension Methods:

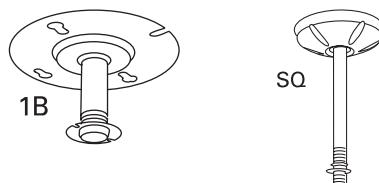
###### Aircraft Cable Suspension

Order one BLWPCG<sub>—</sub>, BLWPCGF<sub>—</sub>, or BLWPCGE<sub>—</sub> required for each suspension point.  
 F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.  
 F2 for use with recessed or surface-mount horizontal J-box applications.  
 See Accessories page on page 4 for part numbers configurations.



###### Stem Suspension

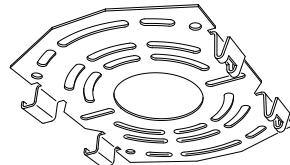
Individual installation — Two single-stem hangers required.



Note: 2' configurations with emergency option cannot be stem mounted.

#### (QMB) Quick Mount Bracket

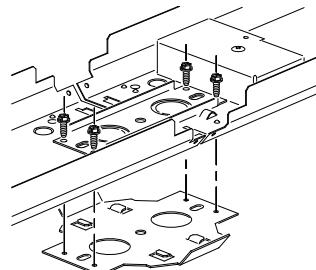
Quick Mount Bracket allows easy installation to junction boxes without having to remove any parts in the fixture.



Note: 2' and 8' configurations not available with QMB accessory.

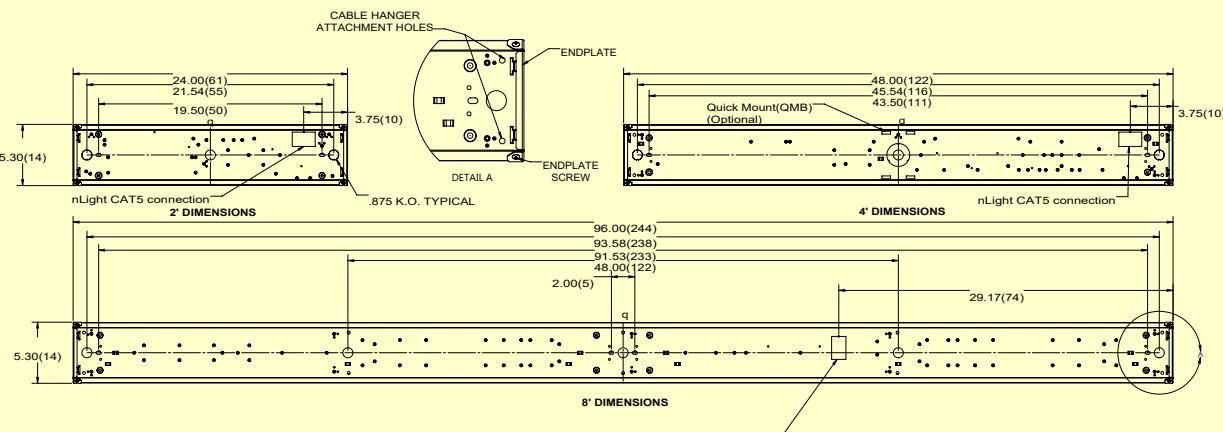
#### BLWPCR - continuous row mount bracket

Order one (1) BLWPCR bracket per fixture for continuous row applications (excluding BLWP2 as they cannot be row mounted). Order one hanger (Aircraft Cable Suspension Kit or Stem Suspension Kit) per fixture plus one per joiner required.



### DIMENSIONS

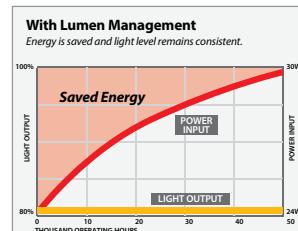
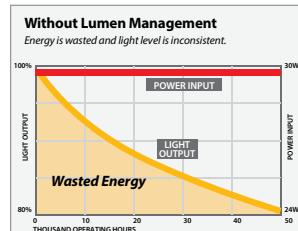
All dimensions are inches (centimeters) unless otherwise noted.



## BLWP Low Profile LED Wraparound

### Constant Lumen Management

Enabled by the embedded NLight control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



### How to Estimate Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Estimated Lumens} = 1.25 \times P \times LPW$$

P = Output power of emergency driver, P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

### BLWP PERFORMANCE DATA <sup>24</sup>

Lumen Package	Lumens	Input Watts	LPW
BLWP2 8L ADP LP830	825	7	118
BLWP2 8L ADP LP835	855	7	122
BLWP2 8L ADP LP840	868	7	124
BLWP2 8L ADP LP850	893	7	128
BLWP2 20L ADP LP830	1876	17	110
BLWP2 20L ADP LP835	1942	17	114
BLWP2 20L ADP LP840	1973	17	116
BLWP2 20L ADP LP850	2029	17	119
BLWP2 33L ADP LP830	3180	30	107
BLWP2 33L ADP LP835	3332	30	112
BLWP2 33L ADP LP840	3345	30	112
BLWP2 33L ADP LP850	3440	30	115
BLWP2 40L ADP LP830	3914	37	105
BLWP2 40L ADP LP835	3923	37	105
BLWP2 40L ADP LP840	4117	37	110
BLWP2 40L ADP LP850	4234	37	113
BLWP2 48L ADP LP830	4772	44	109
BLWP2 48L ADP LP835	4940	44	112
BLWP2 48L ADP LP840	5019	44	114
BLWP2 48L ADP LP850	5162	44	118
BLWP4 15L ADP LP830	1372	11	126
BLWP4 15L ADP LP835	1420	11	129
BLWP4 15L ADP LP840	1443	11	131
BLWP4 15L ADP LP850	1484	11	135
BLWP4 20L ADP LP830	1985	16	124
BLWP4 20L ADP LP835	2055	16	128
BLWP4 20L ADP LP840	2088	16	131
BLWP4 20L ADP LP850	2147	16	134
BLWP4 30L ADP LP830	2960	25	118
BLWP4 30L ADP LP835	3065	25	123
BLWP4 30L ADP LP840	3114	25	125
BLWP4 30L ADP LP850	3203	25	128
BLWP4 40L ADP LP830	4027	35	115
BLWP4 40L ADP LP835	4391	35	125
BLWP4 40L ADP LP840	4236	35	121
BLWP4 40L ADP LP850	4357	35	124
BLWP4 48L ADP LP830	4948	40	124
BLWP4 48L ADP LP835	5137	40	129
BLWP4 48L ADP LP840	5205	40	131
BLWP4 48L ADP LP850	5353	40	134
BLWP4 60L ADP LP830	6059	49	123
<b>BLWP4 60L ADP LP835</b>	<b>6273</b>	<b>49</b>	<b>127</b>
BLWP4 60L ADP LP840	6373	49	129
BLWP4 60L ADP LP850	6555	49	133
BLWP4 72L ADP LP830	7088	59	121
BLWP4 72L ADP LP835	7338	59	125
BLWP4 72L ADP LP840	7455	59	127
BLWP4 72L ADP LP850	7668	59	131
BLWP4 85L ADP LP830	7972	68	117
BLWP4 85L ADP LP835	8253	68	121
BLWP4 85L ADP LP840	8385	68	123
BLWP4 85L ADP LP850	8624	68	127
BLWP4 100L ADP LP830	9316	85	110
BLWP4 100L ADP LP835	9645	85	114
BLWP4 100L ADP LP840	9799	85	116
BLWP4 100L ADP LP850	10079	85	119

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> BLWP4 40L ADPT GZ10 LP835  <b>Notes:</b>	<b>Type:</b> <b>C2</b> LAI26-274992
--	--	--	---



#### DIGITAL NAVIGATION

[Ordering Tree](#) [Light Platform](#) [Sensor Switch JOT](#) [Photometrics](#) [Performance Data](#)

#### FEATURES & SPECIFICATIONS

**INTENDED USE** — The BLWP LED Wrap/ Wall bracket expands the BLT family with the features and aesthetics of the popular BLT and BLTR center basket design with a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLWP the perfect choice for many lighting applications including schools, offices, stairwells and other commercial spaces. With multiple mounting options, easy installation, and controls configurations, the BLWP is an excellent choice for renovation and new construction.

**CONSTRUCTION** — BLWP enclosure components are die-formed for dimensional consistency. For 2' and 4' product, hinged door frame allows easy access to electrical components and mounting locations without having to remove additional parts. For 8' product, suspension aircraft cables allow easy access to electrical components and mounting locations without having to remove additional parts. Available in three paint finishes: white (pre-paint), painted after fabrication white, and natural aluminum. Diffusers are extruded from impact modified acrylic for increased durability. Optional polycarbonate lens available for additional impact resistance, as well as Tamper Proof screws.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Five diffuser choices available - curved and square designs with ribbed, a smooth frosted finish, and a smooth polycarbonate finish.

**ELECTRICAL** — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Replaces 2 lamp fluorescent.

Configurable BLWP: Available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information on page 2.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Driver disconnect provided where required to comply with US and Canadian codes.

**CONTROLS — Standalone Embedded Controls** — BLWP is available with (wired or wireless) standalone embedded controls by SensorSwitch. A wired SensorSwitch or wireless SensorSwitch AIR (sensor and/or control device) can be embedded within this luminaire.

**Networked Embedded Controls** — BLWP is available with (wired or wireless) networked embedded controls by nLight®, addressing requirements of Luminaires Level Lighting Controls (LLLC).

A wired nLight or wireless nLight AIR (sensor and/or control device) can be embedded within this luminaire.

**INSTALLATION** — Intended for surface or suspend mounting. For row mounting and quick mounting to junction boxes see accessories section. Suitable for damp location.

**LISTINGS** — CSA Certified to meet U.S. and Canadian standards.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**GOVERNMENT PROCUREMENT** — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type



Low Profile LED Wraparound



**BLWP**

2', 4' and 8' Lengths



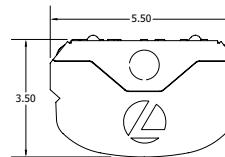
#### Specifications

##### 2' Dimensions

Length: 24 (60.96)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)

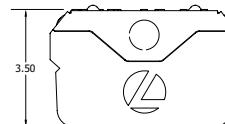


##### 4' Dimensions

Length: 48 (121.92)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)



##### 8' Dimensions

Length: 96 (243.84)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)

All dimensions are inches (centimeters) unless otherwise specified.

#### **A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

*All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.*

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**BLWP Low Profile LED Wraparound**

Design Select options indicated by this color background.

**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** BLWP4 40L ADP GZ10 LP840

Series	Lumens ‡		Lens/Diffuser	Voltage	Driver	Color Temperature
BLWP2 2' LED Wraparound	Standard Efficiency (>100 LPW)	High Efficiency ‡ (>130 LPW)	ADP Curved, ribbed	(blank) MVOLT	EZ1	LP830 82CRI, 3000K
	8L 800 Lumens	8LHE 800 Lumens	ADSM Curved, smooth	120 120V		LP835 82CRI, 3500K
	20L 2000 Lumens	20LHE 2000 Lumens	SDP Square, ribbed	277 277V		LP840 82CRI, 4000K
	33L 3300 Lumens	33LHE 3300 Lumens	SDSM Square, smooth	347 347V ‡	GZ1	LP850 82CRI, 5000K
	40L 4000 Lumens	40LHE 4000 Lumens	PDSM Curved, smooth polycarbonate ‡			LP930 90CRI, 3000K
	48L 4800 Lumens	48LHE 4800 Lumens	Diffusers w/ trim rings			LP935 90CRI, 3500K
BLWP4 4' LED Wraparound	15L 1500 Lumens	15LHE 1500 Lumens	ADPT Curved, ribbed			LP940 90CRI, 4000K
	20L 2000 Lumens	20LHE 2000 Lumens	ADSMT Curved, smooth			LP950 90CRI, 5000K
	30L 3000 Lumens	30LHE 3000 Lumens	SDPT Square, ribbed			
	40L 4000 Lumens	40LHE 4000 Lumens	SDSMT Square, smooth			
	48L 4800 Lumens	48LHE 4800 Lumens	PDSMT Curved, smooth polycarbonate ‡			
	60L 6000 Lumens	60LHE 6000 Lumens				
	72L 7200 Lumens	72LHE 7200 Lumens				
	85L 8500 Lumens	85LHE 8500 Lumens				
	100L 10000 Lumens	100LHE 10000 Lumens				
BLWP8 8' LED Wraparound	40L 4000 Lumens	40LHE 4000 Lumens				
	60L 6000 Lumens	60LHE 6000 Lumens				
	80L 8000 Lumens	80LHE 8000 Lumens				
	100L 10000 Lumens	100LHE 10000 Lumens				
	140L 14000 Lumens	140LHE 14000 Lumens				
	180L 18000 Lumens	180LHE 18000 Lumens				
	200L 20000 Lumens	200LHE 20000 Lumens				

nLight Interface ‡		Control ‡		Standalone Control	
nLight Wired		nLight Wired		MSD7ADCX	
(blank)	no nLight® interface	(blank)	no nLight control	MSD7ADCX	PIR integral occupancy sensor with automatic dimming control photocell ‡
N80	nLight with 80% lumen management	NES7	nLight™ nES 7 PIR integral occupancy sensor ‡	MSDPDT7ADCX	PDT integral occupancy sensor with with automatic dimming control photocell ‡
N80EMG	nLight with 80% lumen management. For use with generator supply EM power ‡	NESPD7	nLight™ nES PDT 7 dual technology integral occupancy control ‡	SSAIR	Wireless standalone embedded control by SensorSwitch ‡
N100	nLight without lumen management	NES7ADCX	nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ‡	SSAIR VAPIR	Wireless standalone embedded control by SensorSwitch with Passive Infrared Occup sensor with auto-dimming photocell ‡
N100EMG	nLight without lumen management. For use with generator supply EM power ‡	NESPDT7ADCX	nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ‡		
nLight Wireless		nLight Wireless			
(blank)	no nLight® interface	(blank)	no nLight control		
NLTAIR2	nLight AIR Generation 2 enabled ‡	RES7	nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡		
		RES7PDT	nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡		
		RIO	nLight AIR radio module without sensor ‡		
		RES7EM	nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡		
		RES7PDTEM	nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell & UL924 Emergency Operation, via power interrupt detection ‡		
		RIOEM	nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ‡		

Standby mode ‡		Options		Finish	
(blank)	Fixture with embedded sensor turns off when unoccupied	E10WLCP	EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS	GLR	Fast-blowing fuse ‡
DIM10	Fixture with embedded sensor dims to approximately 10% light output when unoccupied ‡	E7W	Emergency Battery Pack, 7W, CA Title 20 Noncompliant ‡	GMF	Slow-blowing fuse ‡
DIM50	Fixture with embedded sensor dims to approximately 50% light output when unoccupied ‡	E10W	Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS, CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch ( <a href="#">LINK</a> ) ‡	FAO	Field Adjustable Output ‡
NOC	Occupancy sensor disabled ‡	BGTD	Bodine Generator Transfer Device ‡	PLR1G	Plug-in wiring, see page 10 for ordering information ‡
		QMB	Quick Mount Bracket ‡	PLR1LVG	Plug-in wiring, low voltage dimming ‡
		TRS	Tamper Resistant Screw ‡		
		CRE	Continuous row, end, one end cap included ‡		

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart on the next page. Options are sorted alphanumerically.

See Accessories and footnotes on page 4.

## BLWP Low Profile LED Wraparound

### MOUNTING INFORMATION

For unit or row installation; surface or suspend mounting.

#### Accessory Images

##### Suspension Methods:

###### Aircraft Cable Suspension

Order one BLWPCG<sub>—</sub>, BLWPCGF<sub>—</sub>, or BLWPCGE<sub>—</sub> required for each suspension point.  
 F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.  
 F2 for use with recessed or surface-mount horizontal J-box applications.  
 See Accessories page on page 4 for part numbers configurations.



###### Stem Suspension

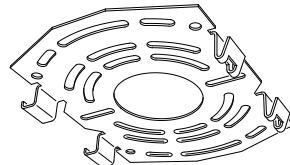
Individual installation — Two single-stem hangers required.



Note: 2' configurations with emergency option cannot be stem mounted.

#### (QMB) Quick Mount Bracket

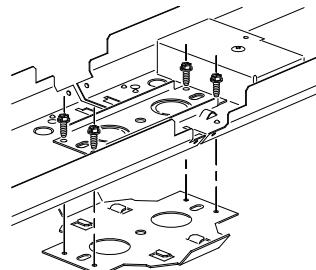
Quick Mount Bracket allows easy installation to junction boxes without having to remove any parts in the fixture.



Note: 2' and 8' configurations not available with QMB accessory.

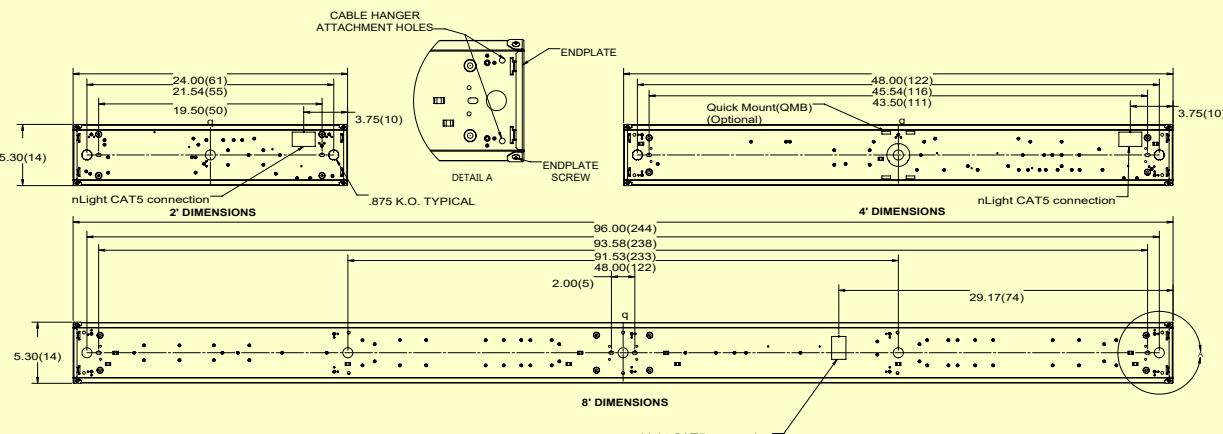
#### BLWPCR - continuous row mount bracket

Order one (1) BLWPCR bracket per fixture for continuous row applications (excluding BLWP2 as they cannot be row mounted). Order one hanger (Aircraft Cable Suspension Kit or Stem Suspension Kit) per fixture plus one per joiner required.



### DIMENSIONS

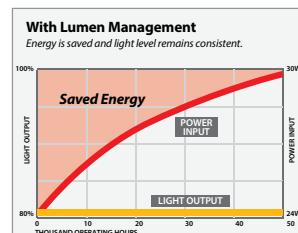
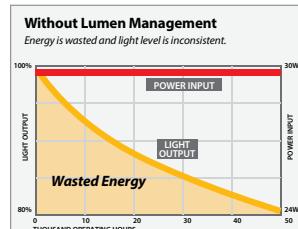
All dimensions are inches (centimeters) unless otherwise noted.



## BLWP Low Profile LED Wraparound

### Constant Lumen Management

Enabled by the embedded NLIGHT control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



### How to Estimate Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Estimated Lumens} = 1.25 \times P \times LPW$$

P = Output power of emergency driver, P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

### BLWP PERFORMANCE DATA <sup>24</sup>

Lumen Package	Lumens	Input Watts	LPW
BLWP2 8L ADP LP830	825	7	118
BLWP2 8L ADP LP835	855	7	122
BLWP2 8L ADP LP840	868	7	124
BLWP2 8L ADP LP850	893	7	128
BLWP2 20L ADP LP830	1876	17	110
BLWP2 20L ADP LP835	1942	17	114
BLWP2 20L ADP LP840	1973	17	116
BLWP2 20L ADP LP850	2029	17	119
BLWP2 33L ADP LP830	3180	30	107
BLWP2 33L ADP LP835	3332	30	112
BLWP2 33L ADP LP840	3345	30	112
BLWP2 33L ADP LP850	3440	30	115
BLWP2 40L ADP LP830	3914	37	105
BLWP2 40L ADP LP835	3923	37	105
BLWP2 40L ADP LP840	4117	37	110
BLWP2 40L ADP LP850	4234	37	113
BLWP2 48L ADP LP830	4772	44	109
BLWP2 48L ADP LP835	4940	44	112
BLWP2 48L ADP LP840	5019	44	114
BLWP2 48L ADP LP850	5162	44	118
BLWP4 15L ADP LP830	1372	11	126
BLWP4 15L ADP LP835	1420	11	129
BLWP4 15L ADP LP840	1443	11	131
BLWP4 15L ADP LP850	1484	11	135
BLWP4 20L ADP LP830	1985	16	124
BLWP4 20L ADP LP835	2055	16	128
BLWP4 20L ADP LP840	2088	16	131
BLWP4 20L ADP LP850	2147	16	134
BLWP4 30L ADP LP830	2960	25	118
BLWP4 30L ADP LP835	3065	25	123
BLWP4 30L ADP LP840	3114	25	125
BLWP4 30L ADP LP850	3203	25	128
BLWP4 40L ADP LP830	4027	35	115
<b>BLWP4 40L ADP LP835</b>	<b>4391</b>	<b>35</b>	<b>125</b>
BLWP4 40L ADP LP840	4236	35	121
BLWP4 40L ADP LP850	4357	35	124
BLWP4 48L ADP LP830	4948	40	124
BLWP4 48L ADP LP835	5137	40	129
BLWP4 48L ADP LP840	5205	40	131
BLWP4 48L ADP LP850	5353	40	134
BLWP4 60L ADP LP830	6059	49	123
BLWP4 60L ADP LP835	6273	49	127
BLWP4 60L ADP LP840	6373	49	129
BLWP4 60L ADP LP850	6555	49	133
BLWP4 72L ADP LP830	7088	59	121
BLWP4 72L ADP LP835	7338	59	125
BLWP4 72L ADP LP840	7455	59	127
BLWP4 72L ADP LP850	7668	59	131
BLWP4 85L ADP LP830	7972	68	117
BLWP4 85L ADP LP835	8253	68	121
BLWP4 85L ADP LP840	8385	68	123
BLWP4 85L ADP LP850	8624	68	127
BLWP4 100L ADP LP830	9316	85	110
BLWP4 100L ADP LP835	9645	85	114
BLWP4 100L ADP LP840	9799	85	116
BLWP4 100L ADP LP850	10079	85	119

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

BLWP4 40L ADPT GZ10 LP835  
E10WLCP  
Notes:

**Type:****C2E**

LAI26-274992

**DIGITAL NAVIGATION**
[Ordering Tree](#) [Light Platform](#) [Sensor Switch JOT](#) [Photometrics](#) [Performance Data](#)
**FEATURES & SPECIFICATIONS**

**INTENDED USE** — The BLWP LED Wrap/ Wall bracket expands the BLT family with the features and aesthetics of the popular BLT and BLTR center basket design with a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLWP the perfect choice for many lighting applications including schools, offices, stairwells and other commercial spaces. With multiple mounting options, easy installation, and controls configurations, the BLWP is an excellent choice for renovation and new construction.

**CONSTRUCTION** — BLWP enclosure components are die-formed for dimensional consistency. For 2' and 4' product, hinged door frame allows easy access to electrical components and mounting locations without having to remove additional parts. For 8' product, suspension aircraft cables allow easy access to electrical components and mounting locations without having to remove additional parts. Available in three paint finishes: white (pre-paint), painted after fabrication white, and natural aluminum. Diffusers are extruded from impact modified acrylic for increased durability. Optional polycarbonate lens available for additional impact resistance, as well as Tamper Proof screws.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Five diffuser choices available - curved and square designs with ribbed, a smooth frosted finish, and a smooth polycarbonate finish.

**ELECTRICAL** — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Replaces 2 lamp fluorescent.

Configurable BLWP: Available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information on page 2.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Driver disconnect provided where required to comply with US and Canadian codes.

**CONTROLS — Standalone Embedded Controls** — BLWP is available with (wired or wireless) standalone embedded controls by SensorSwitch. A wired SensorSwitch or wireless SensorSwitch AIR (sensor and/or control device) can be embedded within this luminaire.

**Networked Embedded Controls** — BLWP is available with (wired or wireless) networked embedded controls by nLight®, addressing requirements of Luminaires Level Lighting Controls (LLLC).

A wired nLight or wireless nLight AIR (sensor and/or control device) can be embedded within this luminaire.

**INSTALLATION** — Intended for surface or suspend mounting. For row mounting and quick mounting to junction boxes see accessories section. Suitable for damp location.

**LISTINGS** — CSA Certified to meet U.S. and Canadian standards.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**GOVERNMENT PROCUREMENT** — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog  
Number

Notes

Type



Low Profile LED Wraparound



2', 4' and 8' Lengths



**sensorswitch** **eldoLED**  
your product | our drive

**BAA** **BABA**

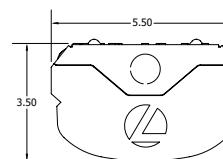
**Specifications**

## 2' Dimensions

Length: 24 (60.96)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)

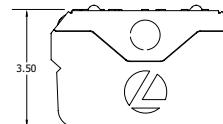


## 4' Dimensions

Length: 48 (121.92)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)



## 8' Dimensions

Length: 96 (243.84)

Width: 5.50 (13.97)

Depth: 3.50 (8.89)

All dimensions are inches (centimeters) unless otherwise specified.

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

*All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.*

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**BLWP Low Profile LED Wraparound**Design Select options indicated  
by this color background.**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** BLWP4 40L ADP GZ10 LP840

Series	Lumens ‡		Lens/Diffuser	Voltage	Driver	Color Temperature
BLWP2 2' LED Wraparound	Standard Efficiency (>100 LPW)	High Efficiency ‡ (>130 LPW)	ADP Curved, ribbed ADSM Curved, smooth SDP Square, ribbed SDSM Square, smooth PDSM Curved, smooth polycarbonate ‡ Diffusers w/ trim rings ADPT Curved, ribbed ADSMT Curved, smooth SDPT Square, ribbed SDSMT Square, smooth PDSMT Curved, smooth polycarbonate ‡	(blank) MVOLT 120 120V 277 277V 347 347V ‡ GZ10 Generic dims to 10% (0-10v dimming) ‡ SLD Step-level dimming ‡	EZ1 eldoLED dims to 1% (0-10v dimming) GZ1 Generic dims to 1% (0-10v dimming) ‡ SLD Step-level dimming ‡	LP830 82CRI, 3000K LP835 82CRI, 3500K LP840 82CRI, 4000K LP850 82CRI, 5000K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K
BLWP4 4' LED Wraparound	15L 1500 Lumens 20L 2000 Lumens 30L 3000 Lumens 40L 4000 Lumens 48L 4800 Lumens	15LHE 1500 Lumens 20LHE 2000 Lumens 30LHE 3000 Lumens 40LHE 4000 Lumens 48LHE 4800 Lumens 60L 6000 Lumens 72L 7200 Lumens 85L 8500 Lumens 100L 10000 Lumens				
BLWP8 8' LED Wraparound	40L 4000 Lumens 60L 6000 Lumens 80L 8000 Lumens 100L 10000 Lumens 140L 14000 Lumens 180L 18000 Lumens 200L 20000 Lumens	40LHE 4000 Lumens 60LHE 6000 Lumens 80LHE 8000 Lumens 100LHE 10000 Lumens 140LHE 14000 Lumens 180LHE 18000 Lumens 200LHE 20000 Lumens				

nLight Interface ‡	Control ‡	Standalone Control
<b>nLight Wired</b>		
(blank) no nLight® interface	(blank) no nLight control	MSD7ADCX PIR integral occupancy sensor with automatic dimming control photocell ‡
N80 nLight with 80% lumen management	NE57 nLight™ nES 7 PIR integral occupancy sensor ‡	MSDPDT7ADCX PDT integral occupancy sensor with automatic dimming control photocell ‡
N80EMG nLight with 80% lumen management. For use with generator supply EM power ‡	NE5PDT7 nLight™ nES PDT 7 dual technology integral occupancy control ‡	
N100 nLight without lumen management	NE57ADCX nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ‡	
N100EMG nLight without lumen management. For use with generator supply EM power ‡	NE5PDT7ADCX nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ‡	
<b>nLight Wireless</b>		
(blank) no nLight interface	(blank) no nLight control	SSAIR Wireless standalone embedded control by SensorSwitch ‡
NLTAIR2 nLight AIR Generation 2 enabled ‡	RES7 nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡	SSAIR VAPIR Wireless standalone embedded control by SensorSwitch with Passive Infrared Occupancy sensor with auto-dimming photocell ‡
	RES7PDT nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡	
	RIO nLight AIR radio module without sensor ‡	
	RES7EM nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡	
	RES7PDTEM nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell & UL924 Emergency Operation, via power interrupt detection ‡	
	RIOEM nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ‡	

Standby mode ‡	Options	Finish
(blank) Fixture with embedded sensor turns off when unoccupied	E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS	(blank) Standard pre-paint white
DIM10 Fixture with embedded sensor dims to approximately 10% light output when unoccupied ‡	E7W Emergency Battery Pack, 7W, CA Title 20 Noncompliant ‡	PAF Paint After Fabrication White
DIM50 Fixture with embedded sensor dims to approximately 50% light output when unoccupied ‡	E10W Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS, CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡	DNA Paint After Fabrication Natural Aluminum
NOC Occupancy sensor disabled ‡	BGTD Bodine Generator Transfer Device ‡ QMB Quick Mount Bracket ‡ TRS Tamper Resistant Screw ‡ CRE Continuous row, end, one end cap included ‡	
	PLR1G Field Adjustable Output ‡ PLR1LG Plug-in wiring, see page 10 for ordering information ‡ PLR1LVG Plug-in wiring, low voltage dimming ‡	
	BDP Factory Installed Ballast Disconnect Plug	

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart on the next page. Options are sorted alphabetically.

See Accessories and footnotes on page 4.

## BLWP Low Profile LED Wraparound

### MOUNTING INFORMATION

For unit or row installation; surface or suspend mounting.

#### Accessory Images

##### Suspension Methods:

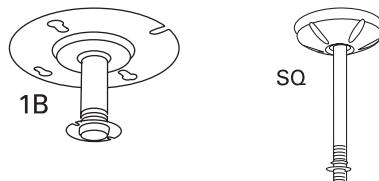
###### Aircraft Cable Suspension

Order one BLWPCG<sub>—</sub>, BLWPCGF<sub>—</sub>, or BLWPCGE<sub>—</sub> required for each suspension point.  
 F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.  
 F2 for use with recessed or surface-mount horizontal J-box applications.  
 See Accessories page on page 4 for part numbers configurations.



###### Stem Suspension

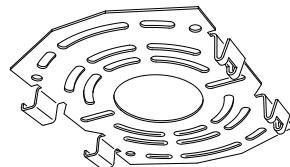
Individual installation — Two single-stem hangers required.



Note: 2' configurations with emergency option cannot be stem mounted.

#### (QMB) Quick Mount Bracket

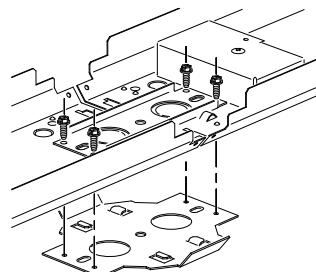
Quick Mount Bracket allows easy installation to junction boxes without having to remove any parts in the fixture.



Note: 2' and 8' configurations not available with QMB accessory.

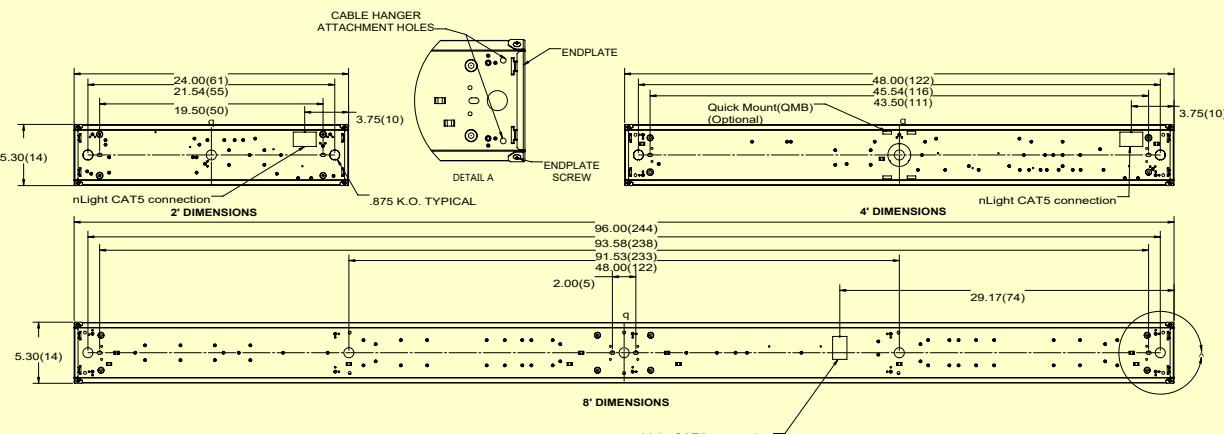
#### BLWPCR - continuous row mount bracket

Order one (1) BLWPCR bracket per fixture for continuous row applications (excluding BLWP2 as they cannot be row mounted). Order one hanger (Aircraft Cable Suspension Kit or Stem Suspension Kit) per fixture plus one per joiner required.



### DIMENSIONS

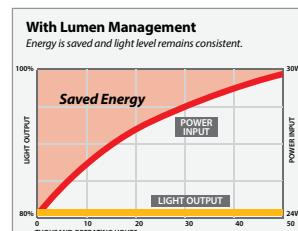
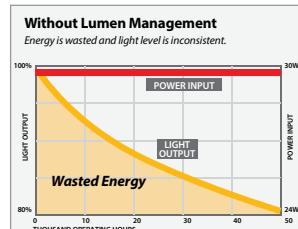
All dimensions are inches (centimeters) unless otherwise noted.



## BLWP Low Profile LED Wraparound

### Constant Lumen Management

Enabled by the embedded NLight control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



### How to Estimate Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Estimated Lumens} = 1.25 \times P \times LPW$$

P = Output power of emergency driver. P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

### BLWP PERFORMANCE DATA <sup>24</sup>

Lumen Package	Lumens	Input Watts	LPW
BLWP2 8L ADP LP830	825	7	118
BLWP2 8L ADP LP835	855	7	122
BLWP2 8L ADP LP840	868	7	124
BLWP2 8L ADP LP850	893	7	128
BLWP2 20L ADP LP830	1876	17	110
BLWP2 20L ADP LP835	1942	17	114
BLWP2 20L ADP LP840	1973	17	116
BLWP2 20L ADP LP850	2029	17	119
BLWP2 33L ADP LP830	3180	30	107
BLWP2 33L ADP LP835	3332	30	112
BLWP2 33L ADP LP840	3345	30	112
BLWP2 33L ADP LP850	3440	30	115
BLWP2 40L ADP LP830	3914	37	105
BLWP2 40L ADP LP835	3923	37	105
BLWP2 40L ADP LP840	4117	37	110
BLWP2 40L ADP LP850	4234	37	113
BLWP2 48L ADP LP830	4772	44	109
BLWP2 48L ADP LP835	4940	44	112
BLWP2 48L ADP LP840	5019	44	114
BLWP2 48L ADP LP850	5162	44	118
BLWP4 15L ADP LP830	1372	11	126
BLWP4 15L ADP LP835	1420	11	129
BLWP4 15L ADP LP840	1443	11	131
BLWP4 15L ADP LP850	1484	11	135
BLWP4 20L ADP LP830	1985	16	124
BLWP4 20L ADP LP835	2055	16	128
BLWP4 20L ADP LP840	2088	16	131
BLWP4 20L ADP LP850	2147	16	134
BLWP4 30L ADP LP830	2960	25	118
BLWP4 30L ADP LP835	3065	25	123
BLWP4 30L ADP LP840	3114	25	125
BLWP4 30L ADP LP850	3203	25	128
BLWP4 40L ADP LP830	4027	35	115
<b>BLWP4 40L ADP LP835</b>	<b>4391</b>	<b>35</b>	<b>125</b>
BLWP4 40L ADP LP840	4236	35	121
BLWP4 40L ADP LP850	4357	35	124
BLWP4 48L ADP LP830	4948	40	124
BLWP4 48L ADP LP835	5137	40	129
BLWP4 48L ADP LP840	5205	40	131
BLWP4 48L ADP LP850	5353	40	134
BLWP4 60L ADP LP830	6059	49	123
BLWP4 60L ADP LP835	6273	49	127
BLWP4 60L ADP LP840	6373	49	129
BLWP4 60L ADP LP850	6555	49	133
BLWP4 72L ADP LP830	7088	59	121
BLWP4 72L ADP LP835	7338	59	125
BLWP4 72L ADP LP840	7455	59	127
BLWP4 72L ADP LP850	7668	59	131
BLWP4 85L ADP LP830	7972	68	117
BLWP4 85L ADP LP835	8253	68	121
BLWP4 85L ADP LP840	8385	68	123
BLWP4 85L ADP LP850	8624	68	127
BLWP4 100L ADP LP830	9316	85	110
BLWP4 100L ADP LP835	9645	85	114
BLWP4 100L ADP LP840	9799	85	116
BLWP4 100L ADP LP850	10079	85	119

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

LBR4 NCH ALO2 SWW1 AR LSS  
MWD MVOLT UGZ1

Notes:

**Type:****D**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — New Construction.

Optional goof rings available for additional overlap trim coverage.

1/2" -1-1/2" ceiling thickness

25° ambient temperature

IC rated up to 1000lm

**OPTICS** — LEDs are binned to a 3-step MacAdam Ellipse. 55° cutoff

New construction frame approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

80CRI standard (90CRI optional)

**UGR** — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117-1996

Discomfort Glare in Interior Lighting. [UGR FAQ](#)

**ELECTRICAL** — Adjustable lumen output with four module options. Fixed lumen options also available.

MVOLT 120/277V 50/60Hz driver (0-10V & 120V Phase Dimming to 10% or 1% min dimming level)

FCC CFR Title 47 Part 15 Class A for 277V. FCC CFR Title 47 Part 15 Class B for 120V

**LUMEN MAINTENANCE** — L80 at 60,000 hours

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (Wet Location (WL) optional, requires covered ceiling). Some configurations are ENERGY STAR® certified, please visit [www.energystar.gov](#) for specific products. TAA compliant. UFC (3-530-01) specification compliant for power factor and THD. GSA P100 6.2.4 compliant for power quality at full output; compliant up to 2000lm at fully dimmed output. Drivers are ROHS compliant

Title 24 compliant (90CRI, up to 1000lm).

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](#)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

**PERFORMANCE DATA**

LBR4 AR LSS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumen	LPW						
AL01 (500LM)	6	570	99	584	101	597	102	616	105
AL01 (750LM)	9	903	102	924	103	946	105	975	108
AL01 (1000LM)	13	1268	98	1297	100	1328	102	1369	104
AL02 (1000LM)	13	1344	108	1375	110	1408	112	1451	115
AL02 (1500LM)	19	1961	105	2007	106	2055	108	2118	111
AL02 (2000LM)	25	2471	99	2528	101	2588	103	2668	105
AL03 (2000LM)	25	2542	103	2601	104	2663	106	2745	109
AL03 (2500LM)	32	3069	98	3140	99	3214	101	3314	103
AL03 (3000LM)	38	3485	93	3566	94	3651	96	3764	98
AL04 (4000LM)	39	4094	106	4178	108	4262	110	4303	111
AL04 (4500LM)	44	4519	103	4611	105	4703	107	4749	108
AL04 (5000LM)	49	4915	100	5015	102	5115	104	5165	105

LBR4 MS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumen	LPW						
AL01 (500LM)	6	479	83	490	85	502	87	517	89
AL01 (750LM)	9	758	85	776	87	794	89	819	92
AL01 (1000LM)	13	1065	82	1089	84	1115	86	1150	89
AL02 (1000LM)	13	1129	90	1155	92	1182	95	1219	98
AL02 (1500LM)	19	1648	87	1686	89	1726	91	1779	94
AL02 (2000LM)	25	2075	83	2124	85	2174	87	2241	90
AL03 (2000LM)	25	2135	86	2185	88	2237	90	2306	93
AL03 (2500LM)	32	2578	82	2638	83	2700	85	2784	88
AL03 (3000LM)	38	2927	78	2995	79	3066	81	3162	84
AL04 (4000LM)	39	3439	89	3510	91	3580	92	3615	93
AL04 (4500LM)	44	3796	86	3873	88	3951	90	3989	91
AL04 (5000LM)	49	4128	84	4213	85	4297	87	4339	88

- Tested in accordance with IESNA LM-78-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical

Catalog Number
Notes
Type

**LBR4 NCH**

4" Open and Wallwash LED  
New Construction Downlight



New Construction



Open Trim



Wallwash Trim



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](#).  
\*See ordering tree for details



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND

RENOVATION

Engineer: Electrical Design Consultants - Macon

(Macon)

**Catalog Number:**

LBR4 NCH ALO2 SWW1 AR LSS

MWD MVOLT UGZ1

Notes:

**Type:****D**

LAI26-274992

**LBR4 NCH**Design Select options indicated  
by this color background.**Module ordering****ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** LBR4 NCH ALO2 SWW1 AR LSS MWD MVOLT UGZ1 90CRI

Series / Housing Style	Lumens ‡	Color temperature ‡	Reflector Color	Reflector Flange ‡	Reflector Finish
LBR4 NCH 4" New Construction	Adjustable Lumen Output AL01 500/750/1000lm	Fixed Lumen Output 05LM 500lm	Switchable CCT SWW1 3000K-3500K-4000K-5000K	AR Clear BR ‡ Black painted MS ‡ Metallic Silver WR ‡ White painted	(blank) Self-flanged TRW White painted flange TRBL Black painted flange
LBR4WW NCH ‡ 4" New Construction Wall Wash	AL02 1000/1500/2000lm AL03 2000/2500/3000lm AL04 4000/4500/5000lm	10LM 1000lm 15LM 1500lm 20LM 2000lm 25LM 2500lm 30LM 3000lm 40LM 4000lm 45LM 4500lm 50LM 5000lm	Fixed CCT 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	TCPC ‡ Custom painted trim TRALTBD ‡ RAL painted trim	FCPC Custom painted flange only FRALTBD RAL painted flange only

Distribution	Voltage	Driver	Emergency ‡	Control Input ‡	Options
MWD Medium wide (1.0s/mh)	MVOLT 120	UGZ Universal dimming to 10% 0-10V; line voltage dimming (120V)	(blank) No Emergency Needed	(blank) No Control Input Needed	90CRI High CRI (90+)
WD Wide (1.2s/mh)	277	UGZ1 Universal dimming to 1% 0-10V; line voltage dimming (120V)	ELR Batterypack (10W constant power) Non-T20 Compliant remote test switch Iota Emergency Transfer System E10WCP Batterypack (10W constant power) T20 Compliant integral test switch E10WCPR Batterypack (10W constant power) T20 Compliant remote test switch E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	JOT Wireless room control with "Just One Touch" pairing NLIGHT Embedded wired controls from nLight NLIGHTER Embedded wired controls from nLight with UL924 listed emergency operation NLTAIR2 nLight® AIR enabled NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection.	AT ‡ Airtight EC1 ‡ Extended Conduit (18") EC6 ‡ Extended Conduit (6ft) WL ‡ Wet Location (IP55) QDS ‡ Quick disconnect plugs CP ‡ Chicago Plenum
WW ‡ Wallwash	347	DALI ‡ DALI dimming to 1% D1 Minimum dimming 1% driver for use with JOT			

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart below.

**‡ Option Value Ordering Restrictions**

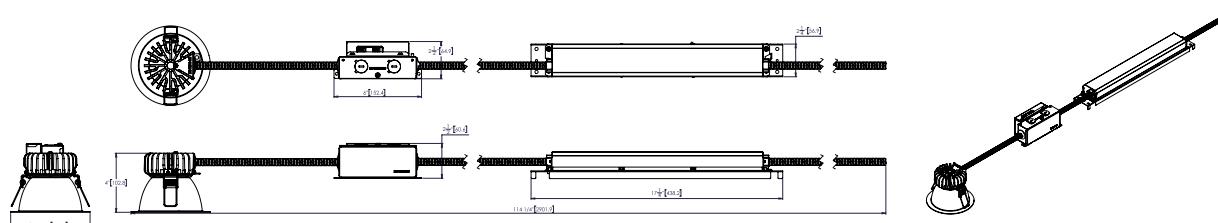
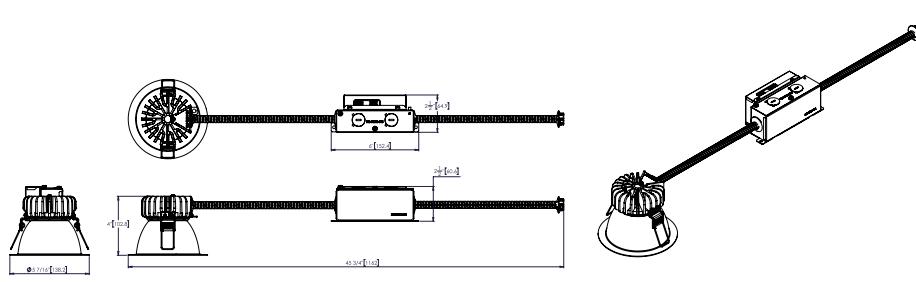
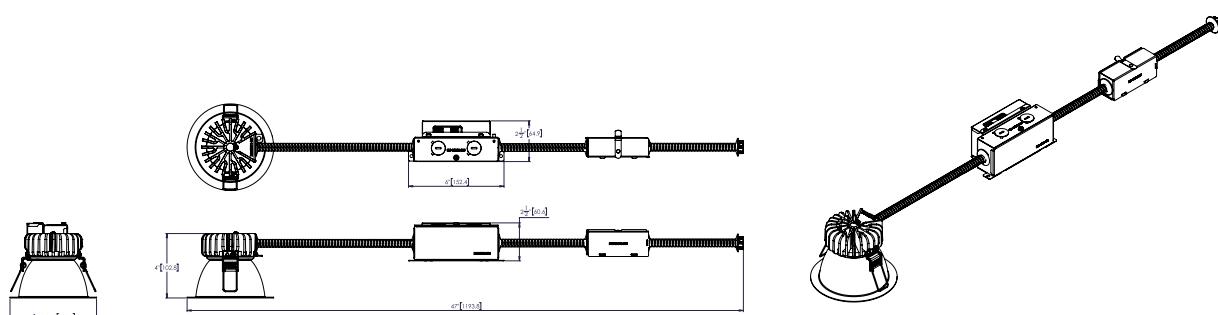
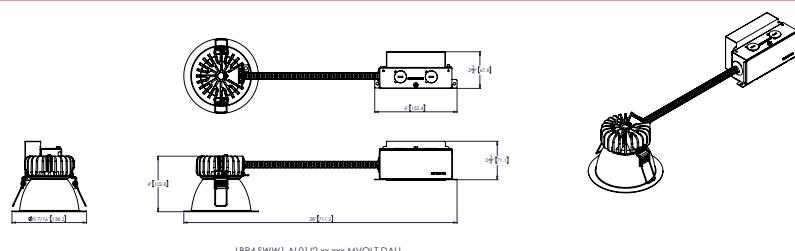
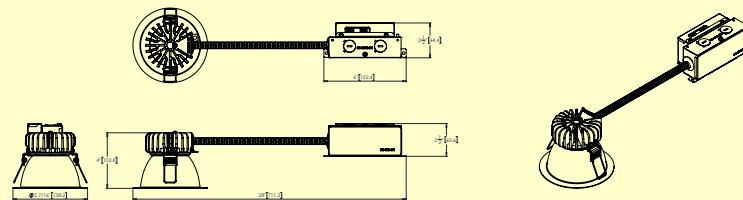
Options	Restriction
Adjustable Lumens/CCT	Adjustable Lumen Output and Switchable CCT must be specified together (for example: AL01 SWW1)
Fixed Lumens/CCT	Fixed Lumen Output and Fixed CCT must be specified together (for example: 10LM 30K)
WW	Not available with WL, EL, E10WCP.
MS, WR, BR	Not available with LSS reflector finish
WR	Not available with TRW
BR	Not available with TRBL
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the <a href="#">RAL BROCHURE</a> for available color options. Not available with TCPC or FCPC.
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click <a href="#">HERE</a> for more details. Not available with TRAL or FRAL.
TRW, TRBL	Available with MS and AR reflectors only.
LSS	Not available with BR or WR or MS
347V	Not available with CP, QDS, ELR, E10WCP, E10WCPR, NLIGHT, NLIGHTER, NLTAIR2, or NLTAIREM2
DALI	Not available with fixed lumens or CCT. Max 4500 lumens.
E10WCPR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WCP	Not available with WW, EC1, EC6, AT, QDS, CP, 347V, NLIGHTER, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NLIGHTER, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch
ELR	Not available EC1, EC6, QDS, CP, 347V, NLIGHTER, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
ETS	Not available with, QDS, ELR, E10WCP, 347V, JOT, NLIGHT, NLIGHTER, NLTAIR2, NLTAIREM2, DALI, or D1 driver
JOT	Only available with D1 driver. Not available with CP, NLIGHT, NLIGHTER, NLTAIR2, NLTAIREM2, UGZ, or DALI drivers. Max 4500 lumens. Fixed lumens and CCT only. Not available with 2000-4500lm in conjunction with emergency batterypacks.
NLIGHT	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. Not available with 347V.
NLIGHTER	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. Not available with 347V.
NLTAIR2	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. See UL 924 Sequence of Operation table. Non-emergency luminaires with this option can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIREM2	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, ELR, E10WCP, E10WCPR, DALI, D1 drivers. See UL 924 Sequence of Operation table.
WL	Not available with WW, All CP is wet location, except WW (Damp). IP55 rated. Not available with E10WCP.
QDS	Must be specified for use with LBR_PFWQDS. Not available with CP, emergency options, or 347V.
EC1, EC6	Not Available with CP, QDS, ELR, E10WCP, or E10WCPR.
AT	Standard for CP and IP55, not available with WW. Not available with E10WCP
CP	Not available with, QDS, EC1, EC6, ELR, E10WCP, 347V, JOT, NLTAIR2, NLTAIREM2, D1 drivers. For new construction applications, must be specified with LBR_PFWCP.

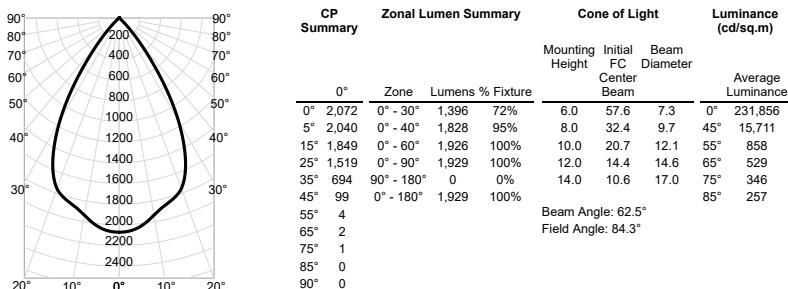
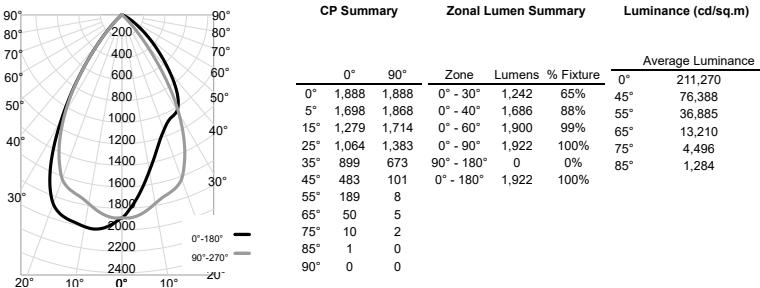


LBR4 NCH

**LBR4 NCH**

\* All dimensions are inches (millimeters) unless otherwise noted.



**LBR4 NCH****PHOTOMETRY****Distribution Curve****Distribution Data****Output Data****Illuminance Data at 30" Above Floor for a Single Luminaire**
**LBR4 SWW1 ALO2 AR LSS MWD MVOLT UGZ**, Input Watts: 18.1, Delivered Lumens: 1929, LPW: 106.6, S/MH: 0.98, Test No: 20-518-01

**LBR4WW SWW1 ALO2 AR LSS WW MVOLT UGZ**, Input Watts: 18.1, Delivered Lumens: 1922, LPW: 106.2, S/MH: 0.73, Test No: 20-518-02
**LUMEN OUTPUT MULTIPLIERS - CCT**

3000K	3500K	4000K	5000K
0.98	1.0	1.01	1.03

**LUMEN OUTPUT MULTIPLIERS - FINISH**

Clear Semi-spec (AR LSS)	1.0
Metallic Silver (MS)	0.84
White Painted (WR)	1.03
Black Painted (BR)	0.60

**LUMEN OUTPUT MULTIPLIERS - CRI**

80	1.0
90	0.874

**HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE**

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at [Desiglight Consortium](#).

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

CLX L48 5000LM SEF RDL MVOLT  
GZ10 35K 80CRI WH

Notes:

**Type:****E**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — The CLX is a linear lighting solution that is available in multiple lengths, lumen packages and distributions. Designed for versatility, the CLX can address virtually any indoor lighting need. The CLX is also offered in standard and high efficacy configurations and capable of being continuous row mounted or installed as a stand-alone fixture. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Channel and cover are formed from code-gauge cold-rolled steel. Housing and lens endcaps are injection molded plastic to provide a more architectural look and feel. The endcaps come standard with a 7/8" knock out for continuous mounting but can be ordered without.

Finish: Paint options include high-gloss, baked white polyester (WH), galvanized (GALV), matte black (MB) and smoke gray (SKGY). Five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

**OPTICS** — Offered with acrylic lens and less lens configurations. Provides a choice of optical distributions including, wide, narrow, and aisle.

Models with wide diffuse lens provide up to 12% uplight. Please check the IES file for specific uplight value.

**ELECTRICAL** — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR\_ ordering information on page 9.) Electronic LED driver is multi-volt input and 0-10V dimming standard (see Operational Data on page 6 for actual wattage consumption). This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75ka combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided. Color Variation within 3-step MacAdam ellipse (3SDCM).

L70>100,000 hours at 25°C.

LEDs provide nominal 80 CRI or 90 CRI at 3000 K, 3500 K, 4000 K, or 5000 K.

Lumen output up to 2,500 lumens per foot.

**INSTALLATION** — Fixture may be ceiling or wall mounted (with or without THCLX hanger or angle mounted with CLXANGBKT), pendant or stem mounted with appropriate mounting options.

**WARNING** — Removing the lens and opening the fixture during installation exposes the LEDs, putting them at risk for damage.

If you plan to surface mount the fixture, we recommend using the THCLX. This eliminates the need to open the fixture.

If you plan to continuous row mount, we recommend using the PLR wiring harness option. This eliminates the need to open the fixture.

Damage to the LEDs caused during installation will not be covered under the warranty.

**LISTINGS** — CSA certified to US and Canadian safety standards. For use in damp locations between -4°F (-20°C) and 104°F (40°C). Optional High Ambient (HA) ranging to 122°F (50°C) available on certain lumen packages (See ambient temperature chart for additional information).

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**GOVERNMENT PROCUREMENT** — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

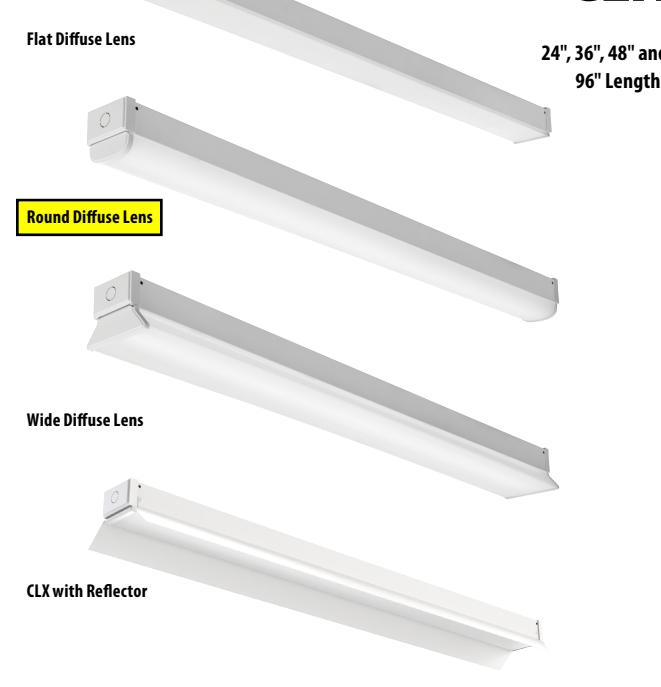
Specifications subject to change without notice.

Stock configurations are offered for shorter lead times:

Stock Part Number	UPC
CLX L48 3000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525816
CLX L48 3000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525885
CLX L48 5000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525939
CLX L48 5000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525908
CLX L96 6000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525861
CLX L96 6000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525915
CLX L96 10000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525922
CLX L96 10000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525830
CLX L48 3000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525960
CLX L48 3000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525892
CLX L48 5000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525854
CLX L48 5000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525946
CLX L96 6000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525878
CLX L96 6000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525823
CLX L96 10000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525953
CLX L96 10000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525847

Catalog Number
Notes
Type

LED Linear

**CLX**24", 36", 48" and  
96" Lengths**Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

*All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.*

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

CLX L48 5000LM SEF RDL MVOLT  
GZ10 35K 80CRI WH

Notes:

**Type:****E**

LAI26-274992

**CLX LED Linear**Design Select options indicated  
by this color background.**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** CLX L48 5000LM SEF WDL MVOLT GZ10 40K 80CRI WH

Series	Length	Nominal lumens	Performance package	Louver	Lens
CLX LED linear	L24 24"	1500LM	1,500 lumens	SEF Standard efficiency ‡	(Blank) Less louver
		2000LM	2,000 lumens	HEF Premium efficiency ‡	SBLW Straight blade louver, white ‡
		2500LM	2,500 lumens		SBLMB Straight blade louver, matte black ‡
		3500LM	3,500 lumens		SBLGV Straight blade louver, galvanized ‡
		4500LM	4,500 lumens		SBLSKGY Straight blade louver, smoke gray ‡
	L36 36"	5000LM	5,000 lumens		
		2250LM	2,250 lumens		L/Lens Less lens
		3000LM	3,000 lumens		FDL Flat diffuse ‡
		3750LM	3,750 lumens		RDL Round diffuse ‡
		5250LM	5,250 lumens		WDL Wide diffuse ‡
	L48 48"	6750LM	6,750 lumens		
		7500LM	7,500 lumens		
		3000LM	3,000 lumens		
		4000LM	4,000 lumens		
		5000LM	5,000 lumens		
	L96 96"	7000LM	7,000 lumens		
		9000LM	9,000 lumens		
		10000LM	10,000 lumens		
		14000LM	14,000 lumens		
		18000LM	18,000 lumens		
	L96 96"	20000LM	20,000 lumens		

Distribution	Voltage	Driver ‡	Glare Reflector	Color temperature	Coloring rendering index
(Blank) General	MVOLT 120-277V ‡	277 277V	GZ1 Generic 0-10V, dims to 1% ‡	(blank) No reflectors	30K 3000 K 80CRI 80 CRI
ND Narrow ‡	120 120V	347 347V ‡	GZ10 Generic 0-10V, dims to 10% ‡	LUGR Reflectors for additional glare reduction ‡	35K 3500 K 90CRI 90 CRI
WD Wide ‡	208 208V ‡	480 480V ‡	EZ1 eldLED 0-10V, dims to 1% ‡		40K 4000 K
AD2 Aisle, 24° off center ‡	240 240V ‡			50K 5000 K	

Options	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Wired:	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	Finish
E10W Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	WH White
E10WSTAR Emergency battery pack, Enabled with STAR ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	GALVW Galvanized with white lens end caps
BGTD Generator transfer device, not available with E10W ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	GALVB Galvanized with black lens end caps
OCS 5', 18/3 Reloc selectable One Pass cable (fixture will bear dry location label) ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	MB Matte black
HA High ambient, for use in ambient temperatures up to 50°C ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	SKGYW Smoke gray with white lens end caps
EPNKO Decorative endplate, no knock out ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	SKGYB Smoke gray with black lens end caps
OUTCTR Wiring leads pulled through back center of fixture ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
OUTEND Wiring leads pulled through end of fixture ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
Cord Sets: ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS1W 6' Straight blade plug, 120V ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS3W NEMA twist-lock plug, 120V ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS7W Straight blade plug, 277V ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS11W NEMA twist-lock plug, 277V ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS25W NEMA twist-lock plug, 347V ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS97W NEMA twist-lock plug, 480V ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS93W 600V SCEOOW white cord, no plug (no voltage required) ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page
CS6WG16STOWD5D 6' white cord, 16/5, no plug, includes low voltage dimming wires (no voltage required) ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	NLTAIR2 RES7	NLTAIR2 RES7EM	NLTAIR2 RES7PDT	NLTAIR2 RES7PDTEM	NLTAIR2 RIO	NLTAIR2 RIOEM	nLight® Without lumen management	N100	N100EMG	NES7	NESPDT7	NES7ADCX	NESPDT7ADCX	Individual controls: ‡	MSD7	MSDPDT7	MSD7ADC	MSDPDT7ADC	See Accessories and footnotes on next page

## CLX LED Linear

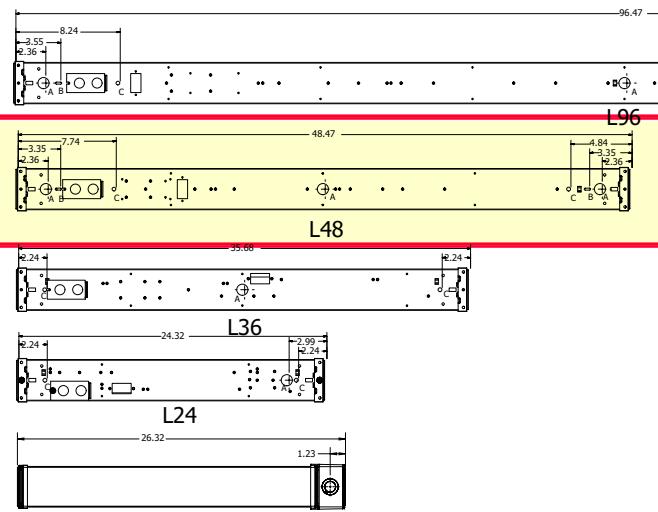
### DIMENSIONS

All dimensions are in inches (centimeters) unless otherwise indicated.

Dimensions may vary with options or accessories.

INTEGRATED SENSOR ADDS 2.0 INCHES TO STANDALONE FIXTURE LENGTH  
HOUSING END CAP ADDS 0.236 INCHES TO FIXTURE LENGTH PER SIDE. DIMENSIONS BELOW INCLUDE ENDCAPS.

A - 7/8" KNOCK OUT  
B - 0.5" by 0.16" SLOT  
C - 0.3" DIA HOLE

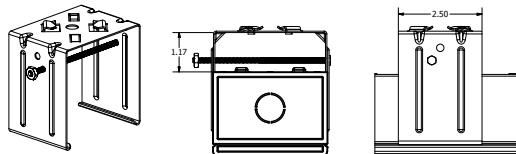


L24 WITH SENSOR

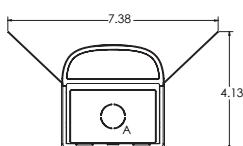
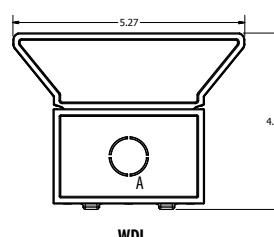
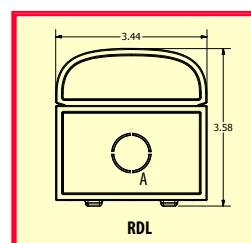
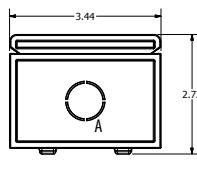
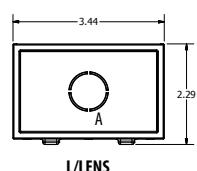
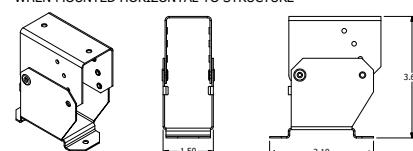
### PALLET DIMENSIONS

Length	Approx Weight	Fixtures per pallet	Pallet Dims (L x W x H)
L24	4 lb	100	54x46x37
L36	5 lb	80	54x46x37
L48	7.5 lb	64	54x46x37
L96	14 lb	64	98x46x37

THCLX - SHIPS TWO PER ORDER,  
UTILIZES A #8 HEX HEAD SCREW AND NUT  
Fixture sits 1.3 inches from structure when mounted



CLXANGBKT - SHIPS TWO PER ORDER  
HOLES TO MOUNTING STRUCTURE ARE 0.175" DIA, 2.5" APART  
Fixture sits approximately 3.5" from structure when mounted horizontal to structure



LUGR Reflector Option  
- applies to all lens types

### PHOTOMETRICS

See [www.lithonia.com](http://www.lithonia.com).

**LITHONIA LIGHTING**

**CLX LED Linear****CLX CHARACTERISTICS**

Nominal Lumen Package	Length	Wattage								Length	Width	Depth	Comparable Light Source					
		Standard Efficiency				High Efficiency												
		120V	277V	347V	480V	120V	277V	347V	480V									
2500LM	24"	18.4	18.4	24.0	24.0	17.4	17.4	23.1	23.1	24	3.5	3.75	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID					
5000LM	24"	41.5	41.5	47.4	47.4	38.1	38.1	44.1	44.1	24	3.5	3.75	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID					
3750LM	36"	26.5	26.5	32.1	32.1	25.1	25.1	30.7	30.7	36	3.5	3.75	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID					
7500LM	36"	62.6	62.6	68.6	68.6	54.0	54.0	59.7	59.7	36	3.5	3.75	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID					
<b>5000LM</b>	<b>48"</b>	<b>31.8</b>	<b>31.8</b>	<b>37.2</b>	<b>37.2</b>	<b>30.3</b>	<b>30.3</b>	<b>35.8</b>	<b>35.8</b>	<b>48</b>	<b>3.5</b>	<b>3.75</b>	<b>2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID</b>					
10000LM	48"	70.7	70.7	76.2	76.2	65.3	65.3	70.8	70.8	48	3.5	3.75	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID					
10000LM	96"	63.7	63.7	69.0	69.0	60.6	60.6	66.1	66.1	96	3.5	3.75	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID					
20000LM	96"	141.3	141.3	146.8	146.8	130.5	130.5	136.1	136.1	96	3.5	3.75	6-lamp 32W T8, 4-lamp 54W T5HO, 200W HID					

**Note:** For wattage by configuration, please reference the [CLX Operational Data Document](#).

Lumen Package	UGR Values of CLX L24 @ 80CRI and 3500K UGR (70% 50% 20% reflectance using a 4H x 8H room size)													
	FDL		RDL		WDL		FDL LUGR		RDL LUGR		WDL LUGR		L/LENS	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
1500LM SEF	21.2	23.8	19.4	25.2	17.4	21.1	16.8	14	17.8	16.6	18.1	17.9	24.9	25.1
2000LM SEF	22.3	24.9	20.5	26.3	18.6	22.3	17.9	15.1	18.8	17.6	19.2	18.9	26.1	26.2
2500LM SEF	23.1	25.7	21.3	27.1	19.4	23.1	18.6	15.8	19.6	18.4	19.9	19.7	26.9	27
3500LM SEF	24.1	26.7	22.3	28.1	20.4	24.1	19.7	16.9	20.7	19.5	21	20.8	27.9	28.1
4500LM SEF	25.4	28	23.6	29.4	21.7	25.4	20.7	17.9	21.7	20.5	22	21.8	29.2	29.3
5000LM SEF	25.6	28.2	23.3	29.1	21.4	25.1	21	18.3	21.5	20.3	21.8	21.5	29.4	29.5
1500LM HEF	21.1	23.7	19.3	25.1	21.8	25.5	16.5	13.7	17.6	16.3	17.8	17.6	24.9	25
2000LM HEF	22.2	24.8	20.4	26.2	17.4	21.1	17.6	14.8	18.6	17.4	18.8	18.6	26	26.2
2500LM HEF	23	25.7	21.3	27	18.5	22.2	18.4	15.6	19.4	18.2	19.7	19.4	26.8	27
3500LM HEF	24.1	26.7	22.3	28.1	19.3	23	19.8	17	20.9	19.7	21.1	20.9	27.9	28
4500LM HEF	25.3	27.9	23.5	29.3	20.4	24.1	20.8	18	21.8	20.6	22.1	21.8	29.1	29.3
5000LM HEF	25.5	28.1	23.7	29.5	21.6	25.3	21.1	18.3	22.1	20.9	22.3	22.1	29.3	29.5

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

Lumen Package	UGR Values of CLX L36 @ 80CRI and 3500K UGR (70% 50% 20% reflectance using a 4H x 8H room size)							
	FDL		RDL		WDL		L/LENS	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
2250LM SEF	21.4	24.1	19.7	25.6	17.7	21.6	25.2	25.4
3000LM SEF	22.3	25	20.6	26.5	18.6	22.5	26.2	26.3
3750LM SEF	23.2	25.9	21.4	27.3	19.5	23.4	27	27.2
5250LM SEF	24.2	26.9	22.5	28.4	20.5	24.4	28	28.2
6750LM SEF	25.1	27.8	23.3	29.2	21.4	25.3	28.9	29
7500LM SEF	25.4	28.1	23.6	29.5	21.7	25.6	29.2	29.4
2250LM HEF	25	27.7	20.5	26.4	18.6	22.5	25.2	25.3
3000LM HEF	25.3	28	21.4	27.3	19.4	23.3	26.1	26.2
3750LM HEF	21.4	24.1	22.4	28.3	20.5	24.4	27	27.1
5250LM HEF	22.3	25	23.2	29.2	21.3	25.2	28	28.1
6750LM HEF	23.1	25.8	23.6	29.5	21.6	25.5	28.8	29
7500LM HEF	24.2	26.8	19.6	25.5	17.7	21.6	29.1	29.3

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values.

To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

CLX L48 5000LM SEF RDL MVOLT  
GZ10 35K 80CRI E10W WH

Notes:

**Type:**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — The CLX is a linear lighting solution that is available in multiple lengths, lumen packages and distributions. Designed for versatility, the CLX can address virtually any indoor lighting need. The CLX is also offered in standard and high efficacy configurations and capable of being continuous row mounted or installed as a stand-alone fixture. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Channel and cover are formed from code-gauge cold-rolled steel. Housing and lens endcaps are injection molded plastic to provide a more architectural look and feel. The endcaps come standard with a 7/8" knock out for continuous mounting but can be ordered without.

Finish: Paint options include high-gloss, baked white polyester (WH), galvanized (GALV), matte black (MB) and smoke gray (SKGY). Five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

**OPTICS** — Offered with acrylic lens and less lens configurations. Provides a choice of optical distributions including, wide, narrow, and aisle.

Models with wide diffuse lens provide up to 12% uplight. Please check the IES file for specific uplight value.

**ELECTRICAL** — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR\_ ordering information on page 9.) Electronic LED driver is multi-volt input and 0-10V dimming standard (see Operational Data on page 6 for actual wattage consumption). This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75ka combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided. Color Variation within 3-step MacAdam ellipse (3SDCM).

L70>100,000 hours at 25°C.

LEDs provide nominal 80 CRI or 90 CRI at 3000 K, 3500 K, 4000 K, or 5000 K.

Lumen output up to 2,500 lumens per foot.

**INSTALLATION** — Fixture may be ceiling or wall mounted (with or without THCLX hanger or angle mounted with CLXANGBKT), pendant or stem mounted with appropriate mounting options.

**WARNING** — Removing the lens and opening the fixture during installation exposes the LEDs, putting them at risk for damage.

If you plan to surface mount the fixture, we recommend using the THCLX. This eliminates the need to open the fixture.

If you plan to continuous row mount, we recommend using the PLR wiring harness option. This eliminates the need to open the fixture.

Damage to the LEDs caused during installation will not be covered under the warranty.

**LISTINGS** — CSA certified to US and Canadian safety standards. For use in damp locations between -4°F (-20°C) and 104°F (40°C). Optional High Ambient (HA) ranging to 122°F (50°C) available on certain lumen packages (See ambient temperature chart for additional information).

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**GOVERNMENT PROCUREMENT** — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Stock configurations are offered for shorter lead times:

Stock Part Number	UPC
CLX L48 3000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525816
CLX L48 3000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525885
CLX L48 5000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525939
CLX L48 5000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525908
CLX L96 6000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525861
CLX L96 6000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525915
CLX L96 10000LM SEF FDL MVOLT GZ10 40K 80CRI WH	00191723525922
CLX L96 10000LM SEF FDL MVOLT GZ10 50K 80CRI WH	00191723525830
CLX L48 3000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525960
CLX L48 3000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525892
CLX L48 5000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525854
CLX L48 5000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525946
CLX L96 6000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525878
CLX L96 6000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525823
CLX L96 10000LM SEF RDL MVOLT GZ10 40K 80CRI WH	00191723525953
CLX L96 10000LM SEF RDL MVOLT GZ10 50K 80CRI WH	00191723525847

Catalog Number
Notes
Type

LED Linear

24", 36", 48" and  
96" Lengths

Flat Diffuse Lens



Round Diffuse Lens



Wide Diffuse Lens



CLX with Reflector

**Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

*All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.*

To learn more about Acuity A+ standards, specifications, and testing visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

**CLX LED Linear**Design Select options indicated  
by this color background.**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** CLX L48 5000LM SEF WDL MVOLT GZ10 40K 80CRI WH

Series	Length	Nominal lumens	Performance package	Louver	Lens
CLX LED linear	L24 24"	1500LM	1,500 lumens	SEF Standard efficiency ‡	(Blank) Less louver
		2000LM	2,000 lumens	HEF Premium efficiency ‡	SBLW Straight blade louver, white ‡
		2500LM	2,500 lumens		SBLMB Straight blade louver, matte black ‡
		3500LM	3,500 lumens		SBLGV Straight blade louver, galvanized ‡
		4500LM	4,500 lumens		SBLSKGY Straight blade louver, smoke gray ‡
	L36 36"	5000LM	5,000 lumens		
		2250LM	2,250 lumens		L/Lens Less lens
		3000LM	3,000 lumens		FDL Flat diffuse ‡
		3750LM	3,750 lumens		RDL Round diffuse ‡
		5250LM	5,250 lumens		WDL Wide diffuse ‡
	L48 48"	6750LM	6,750 lumens		
		7500LM	7,500 lumens		
		3000LM	3,000 lumens		
		4000LM	4,000 lumens		
		5000LM	5,000 lumens		
	L96 96"	7000LM	7,000 lumens		
		9000LM	9,000 lumens		
		10000LM	10,000 lumens		
		14000LM	14,000 lumens		
		18000LM	18,000 lumens		
	L96 96"	20000LM	20,000 lumens		

Distribution	Voltage	Driver ‡	Glare Reflector	Color temperature	Coloring rendering index
(Blank) General	MVOLT 120-277V ‡	277 277V	GZ1 Generic 0-10V, dims to 1% ‡	(blank) No reflectors	30K 3000 K 80CRI 80 CRI
ND Narrow ‡	120 120V	347 347V ‡	GZ10 Generic 0-10V, dims to 10% ‡	LUGR Reflectors for additional glare reduction ‡	35K 3500 K 90CRI 90 CRI
WD Wide ‡	208 208V ‡	480 480V ‡	EZ1 eldLED 0-10V, dims to 1% ‡		40K 4000 K
AD2 Aisle, 24° off center ‡	240 240V ‡			50K 5000 K	

Options	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	nLight® Wireless:	nLight® Wired:	Finish
E10W Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS ‡	PLR____	PLR1G	PLR1LVG	RRL____	SPD	BAA	NLTAIR2 RES7	N100	WH White
E10WSTAR Emergency battery pack, Enabled with STAR ‡	PLR1G	PLR1LVG	RELOC®-ready luminaire. See page 14 for ordering information	NLTAIR2 RES7EM	NLTAIR2 RES7EM	Buy America(n) Act and/or Build America	N100	nLight® without lumen management	GALVW Galvanized with white lens end caps
BGTD Generator transfer device, not available with E10W ‡	PLR1LVG	RELOC®-ready luminaire. See page 14 for ordering information	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	Buy America Qualified	N100EMG	nLight® without lumen management For use with generator supply EM power ‡	GALVB Galvanized with black lens end caps
OCS 5', 18/3 Reloc selectable One Pass cable (fixture will bear dry location label) ‡	RRL____	RELOC®-ready luminaire. See page 14 for ordering information	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT		NES7	nLight® nES7 PIR integral occupancy sensor ‡	MB Matte black
HA High ambient, for use in ambient temperatures up to 50°C ‡	SPD	Surge protection device, provides up to 6kV protection ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT		NESPDT7	nLight® nES7 PDT 7 dual technology integral occupancy control ‡	SKGYW Smoke gray with white lens end caps
EPNKO Decorative endplate, no knock out ‡	BAA	Buy America(n) Act and/or Build America	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT		NES7ADCX	nLight® nES7 ADCX PIR integral occupancy sensor with automatic dimming photocell ‡	SKGYB Smoke gray with black lens end caps
OUTCTR Wiring leads pulled through back center of fixture ‡	nLight® Wireless:		NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT		NESPDT7ADCX	nLight® nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ‡	
OUTEND Wiring leads pulled through end of fixture ‡	NLTAIR2 RES7	nLight AIR Generation 2 enabled PIR integral occupancy sensor with automatic dimming photocell ‡	NLTAIR2 RES7EM	NLTAIR2 RES7EM	NLTAIR2 RES7EM		Individual controls: ‡	MSD7 PIR integral occupancy sensor	
Cord Sets: ‡	NLTAIR2 RES7	nLight AIR Generation 2 enabled PIR integral occupancy sensor with automatic dimming photocell ‡	NLTAIR2 RES7EM	NLTAIR2 RES7EM	NLTAIR2 RES7EM		MSDPDT7	PDT 7 dual technology integral occupancy control	
CS1W 6' Straight blade plug, 120V ‡	NLTAIR2 RES7EM	nLight AIR Generation 2 enabled PIR integral occupancy sensor with automatic dimming photocell ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT		MSD7ADC	PIR integral occupancy sensor with automatic dimming control photocell	
CS3W NEMA twist-lock plug, 120V ‡	NLTAIR2 RES7PDT	nLight AIR Generation 2 enabled dual technology integral occupancy sensor with automatic dimming photocell and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT		MSDPDT7ADC	PDT integral occupancy sensor with automatic dimming control photocell	
CS7W Straight blade plug, 277V ‡	NLTAIR2 RES7PDT	nLight AIR Generation 2 enabled dual technology integral occupancy sensor with automatic dimming photocell and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT				
CS11W NEMA twist-lock plug, 277V ‡	NLTAIR2 RES7PDT	nLight AIR Generation 2 enabled dual technology integral occupancy sensor with automatic dimming photocell and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT				
CS25W NEMA twist-lock plug, 347V ‡	NLTAIR2 RES7PDT	nLight AIR Generation 2 enabled dual technology integral occupancy sensor with automatic dimming photocell and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT				
CS97W NEMA twist-lock plug, 480V ‡	NLTAIR2 RES7PDT	nLight AIR Generation 2 enabled dual technology integral occupancy sensor with automatic dimming photocell and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT	NLTAIR2 RES7PDT				
CS93W 600V SCEOOW white cord, no plug (no voltage required)	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
CS6WG16STOWDSD 6' white cord, 16/5, no plug, includes low voltage dimming wires (no voltage required) ‡	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor, Control Input function only and UL924 Emergency operation, via power interrupt detection ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				
	NLTAIR2 RIO	No sensor control ‡	NLTAIR2 RIO	NLTAIR2 RIO	NLTAIR2 RIO				

## CLX LED Linear

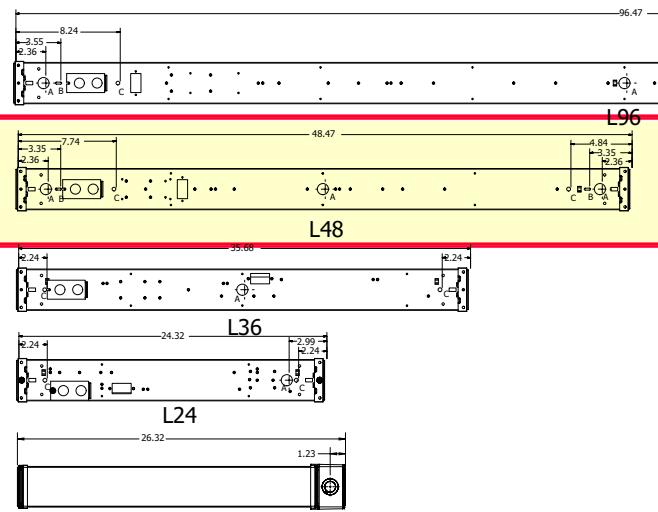
### DIMENSIONS

All dimensions are in inches (centimeters) unless otherwise indicated.

Dimensions may vary with options or accessories.

INTEGRATED SENSOR ADDS 2.0 INCHES TO STANDALONE FIXTURE LENGTH  
HOUSING END CAP ADDS 0.236 INCHES TO FIXTURE LENGTH PER SIDE. DIMENSIONS BELOW INCLUDE ENDCAPS.

A - 7/8" KNOCK OUT  
B - 0.5" by 0.16" SLOT  
C - 0.3" DIA HOLE

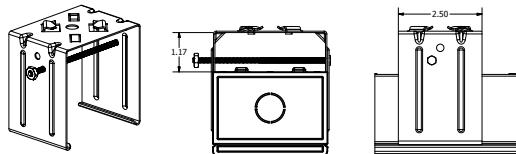


L24 WITH SENSOR

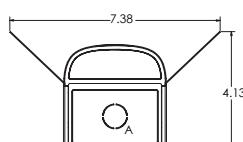
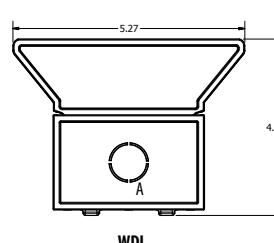
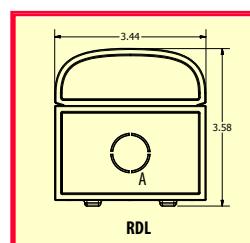
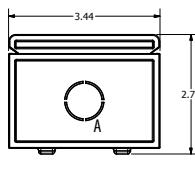
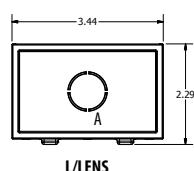
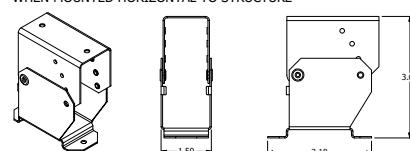
### PALLET DIMENSIONS

Length	Approx Weight	Fixtures per pallet	Pallet Dims (L x W x H)
L24	4 lb	100	54x46x37
L36	5 lb	80	54x46x37
L48	7.5 lb	64	54x46x37
L96	14 lb	64	98x46x37

THCLX - SHIPS TWO PER ORDER,  
UTILIZES A #8 HEX HEAD SCREW AND NUT  
Fixture sits 1.3 inches from structure when mounted



CLXANGBKT - SHIPS TWO PER ORDER  
HOLES TO MOUNTING STRUCTURE ARE 0.175" DIA, 2.5" APART  
Fixture sits approximately 3.5" from structure when mounted horizontal to structure



**LUGR Reflector Option**  
- applies to all lens types

### PHOTOMETRICS

See [www.lithonia.com](http://www.lithonia.com).

**LITHONIA LIGHTING**

## CLX LED Linear

### POWER SENTRY EMERGENCY BATTERY PACKS

		SEF Emergency Lumens	HEF Emergency Lumens
<b>E10W</b>	Factory installable	1400	1500
<b>PS1555LCP</b>	Field installable, remote mount only	2000	2100

**Note:** For emergency lumen output of specific model, please consult factory. One board will be illuminated during emergency operation.

### Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with SelfTesting, Automated Reporting (STAR)
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.

\*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

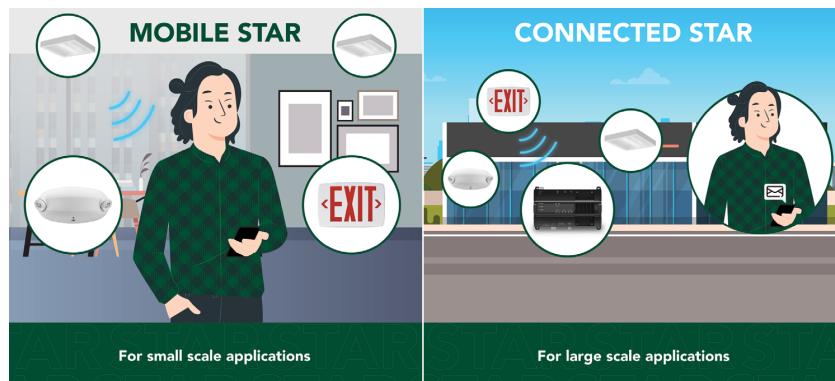
Please contact us at [techsupport@iotaengineering.com](mailto:techsupport@iotaengineering.com) for any Emergency Battery related questions.

### Enabled with STAR

**Emergency Lighting with Self-Testing Automated Reporting (STAR)**, enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the CIAIRity™ app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

-  Testing for 30 seconds every 30 days
-  Testing for 90 minutes once a year
-  Record keeping and to report to the authority having local jurisdiction



**CLX LED Linear****CLX CHARACTERISTICS**

Nominal Lumen Package	Length	Wattage								Length	Width	Depth	Comparable Light Source					
		Standard Efficiency				High Efficiency												
		120V	277V	347V	480V	120V	277V	347V	480V									
2500LM	24"	18.4	18.4	24.0	24.0	17.4	17.4	23.1	23.1	24	3.5	3.75	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID					
5000LM	24"	41.5	41.5	47.4	47.4	38.1	38.1	44.1	44.1	24	3.5	3.75	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID					
3750LM	36"	26.5	26.5	32.1	32.1	25.1	25.1	30.7	30.7	36	3.5	3.75	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID					
7500LM	36"	62.6	62.6	68.6	68.6	54.0	54.0	59.7	59.7	36	3.5	3.75	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID					
<b>5000LM</b>	<b>48"</b>	<b>31.8</b>	<b>31.8</b>	<b>37.2</b>	<b>37.2</b>	<b>30.3</b>	<b>30.3</b>	<b>35.8</b>	<b>35.8</b>	<b>48</b>	<b>3.5</b>	<b>3.75</b>	<b>2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID</b>					
10000LM	48"	70.7	70.7	76.2	76.2	65.3	65.3	70.8	70.8	48	3.5	3.75	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID					
10000LM	96"	63.7	63.7	69.0	69.0	60.6	60.6	66.1	66.1	96	3.5	3.75	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID					
20000LM	96"	141.3	141.3	146.8	146.8	130.5	130.5	136.1	136.1	96	3.5	3.75	6-lamp 32W T8, 4-lamp 54W T5HO, 200W HID					

**Note:** For wattage by configuration, please reference the [CLX Operational Data Document](#).

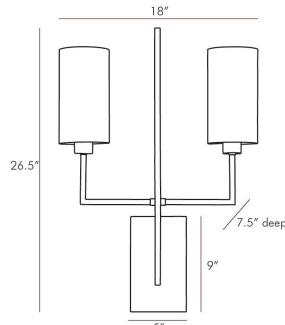
Lumen Package	UGR Values of CLX L24 @ 80CRI and 3500K UGR (70% 50% 20% reflectance using a 4H x 8H room size)													
	FDL		RDL		WDL		FDL LUGR		RDL LUGR		WDL LUGR		L/LENS	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
1500LM SEF	21.2	23.8	19.4	25.2	17.4	21.1	16.8	14	17.8	16.6	18.1	17.9	24.9	25.1
2000LM SEF	22.3	24.9	20.5	26.3	18.6	22.3	17.9	15.1	18.8	17.6	19.2	18.9	26.1	26.2
2500LM SEF	23.1	25.7	21.3	27.1	19.4	23.1	18.6	15.8	19.6	18.4	19.9	19.7	26.9	27
3500LM SEF	24.1	26.7	22.3	28.1	20.4	24.1	19.7	16.9	20.7	19.5	21	20.8	27.9	28.1
4500LM SEF	25.4	28	23.6	29.4	21.7	25.4	20.7	17.9	21.7	20.5	22	21.8	29.2	29.3
5000LM SEF	25.6	28.2	23.3	29.1	21.4	25.1	21	18.3	21.5	20.3	21.8	21.5	29.4	29.5
1500LM HEF	21.1	23.7	19.3	25.1	21.8	25.5	16.5	13.7	17.6	16.3	17.8	17.6	24.9	25
2000LM HEF	22.2	24.8	20.4	26.2	17.4	21.1	17.6	14.8	18.6	17.4	18.8	18.6	26	26.2
2500LM HEF	23	25.7	21.3	27	18.5	22.2	18.4	15.6	19.4	18.2	19.7	19.4	26.8	27
3500LM HEF	24.1	26.7	22.3	28.1	19.3	23	19.8	17	20.9	19.7	21.1	20.9	27.9	28
4500LM HEF	25.3	27.9	23.5	29.3	20.4	24.1	20.8	18	21.8	20.6	22.1	21.8	29.1	29.3
5000LM HEF	25.5	28.1	23.7	29.5	21.6	25.3	21.1	18.3	22.1	20.9	22.3	22.1	29.3	29.5

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

Lumen Package	UGR Values of CLX L36 @ 80CRI and 3500K UGR (70% 50% 20% reflectance using a 4H x 8H room size)							
	FDL		RDL		WDL		L/LENS	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
2250LM SEF	21.4	24.1	19.7	25.6	17.7	21.6	25.2	25.4
3000LM SEF	22.3	25	20.6	26.5	18.6	22.5	26.2	26.3
3750LM SEF	23.2	25.9	21.4	27.3	19.5	23.4	27	27.2
5250LM SEF	24.2	26.9	22.5	28.4	20.5	24.4	28	28.2
6750LM SEF	25.1	27.8	23.3	29.2	21.4	25.3	28.9	29
7500LM SEF	25.4	28.1	23.6	29.5	21.7	25.6	29.2	29.4
2250LM HEF	25	27.7	20.5	26.4	18.6	22.5	25.2	25.3
3000LM HEF	25.3	28	21.4	27.3	19.4	23.3	26.1	26.2
3750LM HEF	21.4	24.1	22.4	28.3	20.5	24.4	27	27.1
5250LM HEF	22.3	25	23.2	29.2	21.3	25.2	28	28.1
6750LM HEF	23.1	25.8	23.6	29.5	21.6	25.5	28.8	29
7500LM HEF	24.2	26.8	19.6	25.5	17.7	21.6	29.1	29.3

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values.

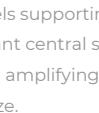
To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

**A R T E R I O R S****BLADE SCONCE**

DB49016

Aged Bronze, Steel

Reach out your arms and grab the glory this sconce stretches wide with two steel dowels supporting cylindrical white linen shades. The dowels are supported off an elegant central steel blade. The scale of this fixture provides architectural interest while amplifying the light in any entry hall corridor or room. Finished in aged bronze.

APPEARANCE

Materials	Steel, Linen, Steel
Finishes	Aged Bronze, White, Aged Bronze
Finish Will Vary	No
Top Coat/Sealant	Yes <b>Please Confirm Finish</b>

DIMENSIONS

Overall	W: 18 in x D: 7.5 in x H: 26.5 in
Backplate	W: 5 in x D: 1 in x H: 9 in
Shade Top	Dia: 4.5 in
Shade Side	H: 8.5 in
Shade Bottom	Dia: 4.5 in
Mount	W: 4.5 in x H: 8.5 in

WIRING

Wire Rating	Indoor Only
Cord	0.5 FT, Clear/Silver, SVT
Socket	2, Type A - E26
Suggested Bulb Type	A19
Maximum Wattage	40.0
Voltage	110-120 V

CERTIFICATIONS & COMPLIANCE

Certifications	Middle East, European Union, United Kingdom, Mexico, United States, Canada
Compliance	RoHS, UL/ETL, CB

SHIPPING

Product Weight	4.0 lbs
Gross Weight	10.7 lbs
Shipping Box	W: 21.0 in x D: 31.0 in x H: 11.0 in

CONTRACT

Contract Suitability	Contract Suitable As Is
----------------------	-------------------------

REPLACEMENT PARTS

DB49016SHD

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

HUDSON VALLEY - MORGAN  
SUSPENSION F9994-GS

Notes:

Type:

**F2**

LAI26-274992

# MORGAN

F9994-GS

---

**FINISHES****GOLD SILVER LEAF**

Coastal Suitable Finish (EPM): No

**DIMENSIONS**

Height: 24"

Width/Diameter: 16"

Hanging Type: 72" Chain

Product Weight: 26.4lb

Sloped Ceiling Compatible: Yes

Living Finish: No

Uplight Only: No

**Shade****ELECTRICAL**

Bulb 1

Bulb Included: No

Socket: E12 Candelabra Base

Max Wattage: 60

Bulb Quantity: 4

Wire Length: 144"

Gem Box Required (2"x3"): No

Dark Sky: No

**SHIPPING**

Carton 1: 31" x 23" x 23"

Carton 1 Weight: 33lb

Shipping Method: Ground

Country of Origin: VN



HUDSON VALLEY  
LIGHTING GROUP | [hvlgroup.com](http://hvlgroup.com) | 1.800.814.3993

## Lenmore LED Vanity Light

By Huxe

Lenmore LED Vanity Light  
By Huxe

### Product Options

Finish: Brass,

Size: 24 Inch

### Details

Can mount vertically, horizontally, and upside down  
AC LED Driver

### Dimensions

24 Inch Option Fixture: Width 24", Height 4.5", Depth  
2.75"Lighting  
24 Inch

Lamp Type	LED Built-in
Total Lumens	1513
Total Watts	25.00
Volts	120
Color Temp	3000 (Soft White)
Average Lifespan (Hours)	50,000
CRI	90
Equivalent Halogen, CFL or LED Bulb Can Be Used	No

Notes:

Prepared  
by:Prepared for:  
Project:  
Room:  
Placement:  
Approval:

### Additional Details

#### Product URL:

<https://www.lumens.com/lenmore-led-vanity-light-by-huxe-WPL2453771.html>

Rating: ETL Listed Damp

ITEM#: WPL2453771



Created January 5th, 2026

Submitted by Lighting Associates, Inc.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

HUDSON VALLEY - ALLENDALE 2  
TIER CHANDELIER

Notes:

**Type:**

**F4**

LAI26-274992

## Allendale 2 Tier Chandelier By Hudson Valley Lighting

Allendale 2 Tier Chandelier  
By Hudson Valley Lighting

### Product Options

Finish: Aged Brass,  
Number of Lights: 28

### Details

Number of Tiers: 2

### Dimensions

28 Light Option Canopy: Diameter 7"  
28 Light Option Fixture: Height 40.75", Diameter 58",  
Weight 50Lbs  
28 Light Option Maximum Hanging: Length Adjustable  
From 43.75", Adjustable To 94.75"

### Additional Details

#### Product URL:

<https://www.lumens.com/allendale-2-tier-chandelier-by-hudson-valley-lighting-HVL2042920.html>

Rating: UL Listed Damp

**LUMENS**  
Call Us (877) 875-3619



Notes:

Prepared by:

Arielle Davis

[email protected]

877-875-3619

Ext. 6144

Prepared for:

Project:

Room:

Placement:

Approval:



ITEM #: HVL2042920



Arielle Davis  
Senior Trade Account Manager  
(877) 210-7779  
[email protected]

Created January 6th, 2026

Submitted by Lighting Associates, Inc.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

VISUAL COMFORT - FAY LED WALL  
SCONCE IKF 2110HAB-FG

Notes:

**Type:**

**F5**

LAI26-274992

TEAR SHEET



Fay 18" Sconce

Item # IKF 2110HAB-FG

Designer: Ian K. Fowler

Height: 17.5"

Width: 2.5"

Extension: 3.5"

Backplate: 2.5" x 3.5" Rectangle

Finishes: BZ, HAB, PN

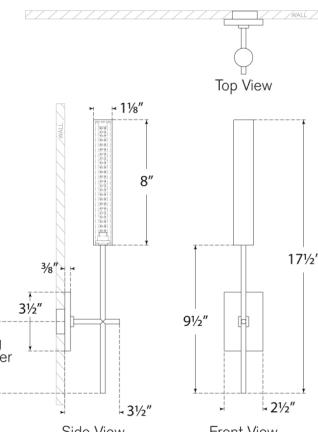
Glass Options: FG

Lightsource: Dedicated LED

Wattage: 6w (700lm)

Weight: 2 Pounds

Note: Requires Smaller Outlet Box | Fixture Cannot be Installed Invert



VISUAL COMFORT & CO.



Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

HUDSON VALLEY - MORGAN  
SUSPENSION F9994-GS

Notes:

Type:

**F6**

LAI26-274992

# MORGAN

F9994-GS

---

**FINISHES****GOLD SILVER LEAF**

Coastal Suitable Finish (EPM): No

**DIMENSIONS**

Height: 24"

Width/Diameter: 16"

Hanging Type: 72" Chain

Product Weight: 26.4lb

Sloped Ceiling Compatible: Yes

Living Finish: No

Uplight Only: No

**Shade****ELECTRICAL**

Bulb 1

Bulb Included: No

Socket: E12 Candelabra Base

Max Wattage: 60

Bulb Quantity: 4

Wire Length: 144"

Gem Box Required (2"x3"): No

Dark Sky: No

**SHIPPING**

Carton 1: 31" x 23" x 23"

Carton 1 Weight: 33lb

Shipping Method: Ground

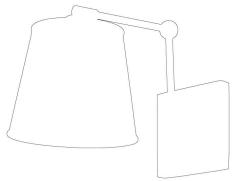
Country of Origin: VN



HUDSON VALLEY  
LIGHTING GROUP | [hvlgroup.com](http://hvlgroup.com) | 1.800.814.3993

## ARTERIORS

### WATSON SCONCE



49020

Antique Brass, Steel

A modern sensibility defines this midcentury sconce finished in antique brass with a bronze backplate. The scale makes this the perfect sconce for spotlighting your favorite art piece or next to a bed when space is tight and a nightstand won't fit. Certified for damp locations and intended for interior use.

APPEARANCE

Materials	Steel, Steel, Steel
Finishes	Antique Brass, Bronze, Antique Brass
Finish Will Vary	No
Top Coat/Sealant	Yes

**Please Confirm Finish**DIMENSIONS

Overall	W: 8.5 in x H: 10 in
Overall Adjustable	D: 14.5-20 in
Arm	W: 11 in x D: 8 in x H: 8.5 in
Backplate	W: 6 in x D: 1 in x H: 6 in
Shade Top	Dia: 5.5 in
Shade Side	H: 7 in
Shade Bottom	Dia: 8.0 in
Center of Mount from Bottom	H: 3 in
Mount	W: 6 in x H: 6 in

WIRING

Wire Rating	Damp
Cord	0.5 FT, Black, SVT
Socket	1, Type A- E26 Keyless
Suggested Bulb Type	A19
Maximum Wattage	60.0
Voltage	110-120 V

CERTIFICATIONS & COMPLIANCE

Certifications	Mexico, United States, Canada
Compliance	RoHS, UL/ETL

SHIPPING

Product Weight	3.5 lbs
Gross Weight	5.8 lbs
Shipping Box	W: 13.0 in x D: 13.0 in x H: 10.0 in

CONTRACT

Contract Suitability	Contract Suitable As Is
----------------------	-------------------------

**BASELITE - REGENT - INC - SPECIFICATION SHEET**

PROJECT NAME: \_\_\_\_\_ PROJECT TYPE: \_\_\_\_\_

NOTES:

**REJ8FM (MODIFIED TO 8" DIAMETER)****A - SHADES****REGENT**

**RE12** - 150WINC (MAX)  
**RE16** - 2000WINC (MAX)  
**RE18** - 2000WINC (MAX)  
**RE20** - 2000WINC (MAX)  
**REJ5FM** - 150WINC (MAX)

**B - FINISH OPTIONS**

(SEE WEBSITE FOR SWATCH COLORS)  
 (\*SEE NOTES FOR LIMITATIONS\*)  
 14, 15, 16, 17, 18, 19, 19P, 20, 20P, 20PB,  
 20SB, 21, 21P, 22, 22P, 23, 23P, 38, 39, 40,  
 41, 41.5, 42, 43, 44, 45, 46, 48, 49, 50, 51,  
 52, 53, 54, 55, 57, 58, 59, 60, 61, 62, 63, 64,  
 65, 66, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79,  
 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91,  
 92, 93, 94, 95, 96, 97, 98, 99, 100, MG.

**C - MOUNTING OPTIONS****2" ARM EXTENSIONS**

E1, E2, E3, E4, B1, E16, E17, E27

**3" ARM EXTENSIONS**E3A, E4A, E5, E6, E7, E8, E9,  
E10, E11, E12, E13, B15, B15S,  
E19, E20, E21, E25**E14 - CREATE YOUR OWN**(BASELITE WILL TAKE YOUR SKETCH AND  
FABRICATE A CUSTOM ARM EXTENSION TO  
MEET YOUR NEEDS).**1" WALL MOUNT**

WM28

**2" WALL MOUNT**B13, WM13, WM13R, WM13X, B10,  
B11, B101**3" WALL MOUNT**B9, B9C, B12, WM10, WM11, WM14,  
WM14X, WM15, WM35X, WM55,  
WM55X, WM60, WM60X, WM61,  
WM61X WM70, WM70X, WM71,  
WM71X**CORD MOUNT**BLC, WHC, TCB, TCW, TCHB, TCHW, TLB,  
TLW, TLB, TLW, RCB, RCW, RCHB, RCHW,  
FHB, FHW, CBLC, CWHC, CHB, CHW**STEM MOUNT**

ST6, ST12, ST18, ST24, ST36, ST48, STXX

**D - MOUNTING ADD-ONS**

**INC ADD-ONS**  
 CB1/2", CB3/4", CBC1/2", CBC3/4", SLC1/2"  
 SLC3/4" STC1/2"

**UNIVERSAL ADD-ONS**

SQ 1/2", SQ 3/4", FH 1/2", FH 3/4", TRB 1/2", TRB 3/4",  
 SWL, LGSWL, CNK, INB, RINB

**E - MOUNTING COLOR**

SEE SECTION "B" FOR COLOR OPTIONS.

**F - LIGHT SOURCE**

(SEE PAGE 4 FOR WATTAGE LIMITATIONS)  
**INCANDESCENT (INC)**

100W, 150W, 200W

**G - LED COLOR TEMP**

NOT AVAILABLE

**H - ELECTRICAL OPTION**

NOT AVAILABLE

**I - GLASS OPTIONS**

CL3, CL4, CLT3, CLT4, BL3, BL4, RE3, RE4,  
 GR3, GR4, AH3, AH4, FR3, FR4, FRT3, FRT4,  
 PR3, PR4, BA, BAX, BAF, PR8, PR8F, FN, OC

**J - ACCESSORIES**

GR12, GR16, GR18, GR20, REF, UGR, LGR12,  
 LGR16, LGR18, LGR20, CRL12, CRL16, CRL18,  
 CRL20, FLE12, FLE16, FLE18, FLE20, FGR12,  
 FGR16, FGR18, FGR20, GU-1, GU-2, WG-1,  
 WG-2

**K - ACCESSORY COLOR**

SEE SECTION "B" FOR COLOR OPTIONS.

**NOTES**

(1). FINISH OPTIONS 75, 76, 77, 83, 84, 88,  
 93 AND 98 ARE APPLIED BY HAND. THESE  
 FINISHES WILL VARY IN CONSISTENCY.  
 (2). FINISH OPTIONS 38, 39, 40, 49, 54, 57,  
 58, 61, 62, 63, 70, 71, 72, 73, 78, 83, 84,  
 88, 92, 93, 98 ONLY AVAILABLE INSIDE  
 AND OUT OF FIXTURE. OTHER FINISHES  
 ARE WHITE INSIDE.

(3). FINISH OPTIONS FOR SHADES  $\leq$  10" IN  
 DIAMETER ARE THE SAME INSIDE AND  
 OUT OF FIXTURE. SHADES  $>$  10" IN  
 DIAMETER ARE WHITE ON THE INSIDE.

(4). FINISH OPTIONS 61, 62, 70, 71, 72, 73  
 ARE FINISHED WITH A SUPERCHROME ON  
 THE INSIDE FOR ALL LED LIGHT SOURCE  
 OPTIONS.

(5). COLOR CORDS ARE NOT APPLICABLE  
 FOR LED OPTIONS.

\*ALL ARMS COME WITH A CAST  
 BACKPLATE (CB1/2", CB3/4", LWTM,  
 CFWTM, ECT.).

\*ACCORDING TO THE LIGHT SOURCE THE  
 BACKPLATE MAY VARY IN SIZE. (EXAMPLE:  
 LED LIGHT SOURCE WILL HAVE A DEEPER  
 BACKPLATE TO HOUSE THE DRIVER.).

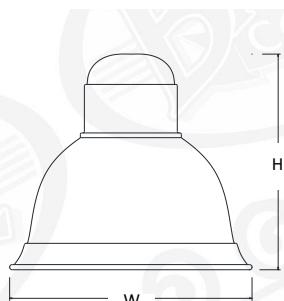
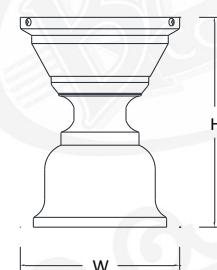
\*ALL FIXTURES MOUNT TO A 4-O  
 JUNCTION BOX.

\*FIXTURE DIMENSIONS MAY VARY  
 $\pm$  0.25.

\*CORD AND CANOPY COME IN THE SAME  
 COLOR.

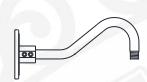
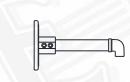
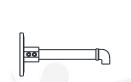


RE12/49/FR/WM28/100INC

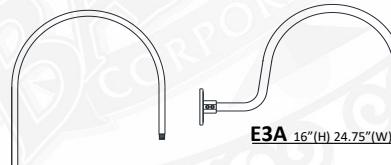
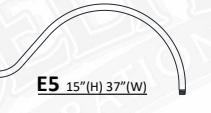
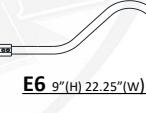
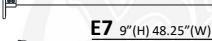
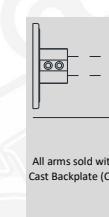
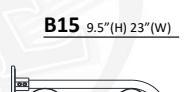
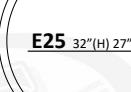
**RE12** H-11" W-12"**RE16** H-15" W-16"**RE18** H-16" W-18"**RE20** H-17.5" W-20"**REJ5FM** H-6" W-8"

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**C - MOUNTING OPTIONS****1/2" ARM EXTENSIONS**

\*ARMS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF ARMS ARE DIMENSIONED \*E27 CUSTOM BACK PLATE - 8" (H).5" (W)

**E1** 8.5"(H) 18"(W)**E2** 13.5"(H) 35"(W)**E3** 16"(H) 24.75"(W)**E4** 14.5"(H) 22.25"(W)**B1** 6"(H) 12"(W)**E16** 4.75"(H) 8.5"(W)**E17** 4.75"(H) 9.5"(W)**E27** 10.25"(H) 10.5"(W)**3/4" ARM EXTENSIONS**

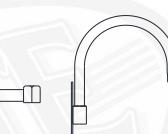
\*ARMS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF ARMS ARE DIMENSIONED

**E20** 85"(H) 27.25"(W)**E3A** 16"(H) 24.75"(W)**E4A** 14.5"(H) 22.25"(W)**E5** 15"(H) 37"(W)**E6** 9"(H) 22.25"(W)**E9** 40.25"(H) 27.5"(W)**E12** 4.75"(H) 37.5"(W)**E7** 9"(H) 48.25"(W)**E8** 12"(H) 29.75"(W)**E13** 30"(H) 25.25"(W)**E14** TBD"(H) TBD"(W)
 Baselite will take your sketch and fabricate a custom arm extension to meet your needs  
 All arms sold with  
 Cast Backplate (CB)
**B15** 9.5"(H) 23"(W)**E10** 18"(H) 54.25"(W)**E11** 19"(H) 35"(W)**E25** 32"(H) 27"(W)**B15S** 9.5"(H) 18"(W)**E21** 12"(H) 27"(W)**E19** 10"(H) 10"(W)**1/4" WALL MOUNT**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

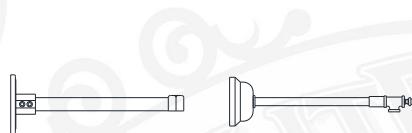
**WM28** 13"(H) 10"(W)**1/2" WALL MOUNTS**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

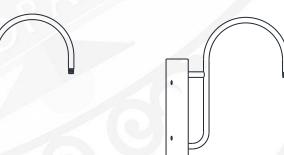
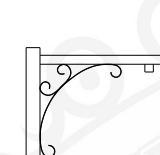
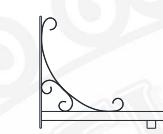
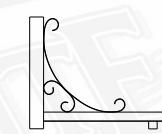
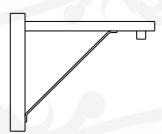
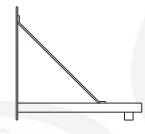
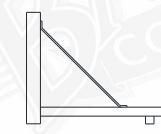
**B10** 4.75"(H) 11"(W)**B101** 4.75"(H) 12"(W)**B11** 4.75"(H) 13"(W)**B13** 4.75"(H) 15"(W)**WM13** 12"(H) 9.5"(W)**WM13R** 12"(H) 9.5"(W)**WM13X** 12"(H) 10.5"(W)

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**C - MOUNTING OPTIONS (CONTINUED)****3/4" WALL MOUNTS**

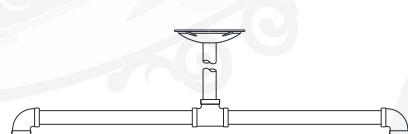
\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

**B12** 4.75"(H) 14"(W)**B9** 5"(H) 18"(W)**B9C** 5"(H) 18"(W)

\*CHAIN HEIGHT TBD BY CUSTOMER

**WM14** 18"(H) 12"(W)**WM14X** 18"(H) 14"(W)**WM15** 23"(H) 19.5"(W)**WM18** 30"(H) 20"(W)**WM35** 26"(H) 18.25"(W)**WM35X** 26"(H) 22"(W)**WM55** 19"(H) 25.5"(W)**WM55X** 19"(H) 27"(W)**WM60** 18"(H) 20"(W)**WM60X** 18"(H) 22"(W)**WM61** 18"(H) 20"(W)**WM61X** 18"(H) 22"(W)**WM70** 18"(H) 20"(W)**WM70X** 18"(H) 22"(W)**WM71** 18"(H) 20"(W)**WM71X** 18"(H) 22"(W)**STEM MOUNTS**

\*STEMS RATED FOR DAMP LOCATION

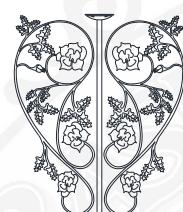
**DP24** DOUBLE PENDANT 20"(H) 24"(W)\*DP24 COMES STANDARD WITH STC  
AND ST18**ST(XX)** STEM- 1/2" NPT

XX = LENGTH OF STEM

(EXAMPLE - "ST18" = STEM MOUNT 18" LENGTH)

\*CANOPY NOT INCLUDED, ADD IN SECTION D

\* 1/4" NPT AND 3/4" NPT AVAILABLE UPON REQUEST

**SC24** SCROLL STEM 33"(H) 24"(W)

\*SC24 COMES STANDARD WITH STC

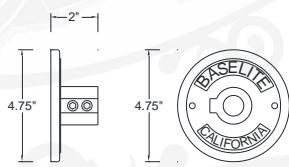
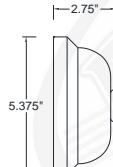
**INCANDESCENT CORD MOUNTS**\*INCANDESCENT MAX WATTAGE 150 WATT. CALL FACTORY FOR HIGHER WATTAGES. LOOPS, CABLES, AND CHAINS AVAILABLE ONLY FOR INCANDESCENT \*CORDS RATED FOR DRY LOCATION \*CANOPY DIMENSIONS: .625" (H) 5.25" (W)  
\*CORD AND CANOPY COME IN THE SAME COLOR.**BLC** 8' BLACK CORD  
**WHC** 8' WHITE CORD**TCB** 8' BLACK CORD, CABLE, and LOOP  
**TCW** 8' WHITE CORD, CABLE, and LOOP**TCHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**TCHW** 8' WHITE CORD, 3' CHAIN, and LOOP

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**C - MOUNTING OPTIONS (CONTINUED)****INCANDESCENT CORD MOUNTS (CONTINUED)****TLB** 8' BLACK TELEPHONE CORD AND CABLE**FHB** 8' BLACK CORD WITH FLAT HUB**FWH** 8' WHITE CORD WITH FLAT HUB**RCB** 8' BLACK CORD, CABLE, and LOOP**RCW** 8' WHITE CORD, CABLE, and LOOP**CBLC** 8' BLACK CORD and CABLE**CWLC** 8' WHITE CORD and CABLE**RCHB** 8' BLACK CORD, 3' CHAIN, and LOOP**RCHW** 8' WHITE CORD, 3' CHAIN, and LOOP**CHB** 8' BLACK CORD, 3' CHAIN, and LOOP**CHW** 8' WHITE CORD, 3' CHAIN, and LOOP

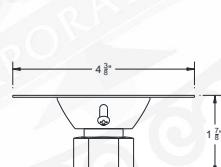
\* Loop may vary due to shade style

**D - MOUNTING ADD-ONS****INCANDESCENT ARM ADD-ONS**

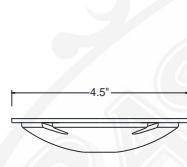
\* FOR LED &amp; COMPACT FLUORESCENT OPTIONS, CANOPIES WILL VARY IN SIZE DUE TO SIZE OF THE DRIVER/BALLAST THAT WILL BE LOCATED INSIDE OF THE CANOPY.

**CB 1/2"** CAST ALUMINUM BACKPLATE 1/2 NPT  
**CB 3/4"** CAST ALUMINUM BACKPLATE 3/4 NPT**CBC 1/2"** 1/2" BACKPLATE COVER  
**CBC 3/4"** 3/4" BACKPLATE COVER

\* Includes slip ring to hold 1/2" or 3/4" arm extension in place

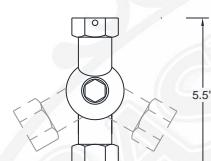
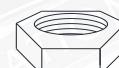
**SLC 1/2"** SLOPE CEILING CANOPY 1/2"  
**SLC 3/4"** SLOPE CEILING CANOPY 3/4"

\* (Slopes To 20 Degrees)

**STC 1/2"** 1/2" STEM MOUNT CANOPY

\* EXAMPLE FOR MULTIPLE MOUNTING ADD-ONS:

MODEL #: -/-/-LWTM, TRB 1/2", LGSWL/-/-/-/-/-

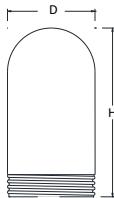
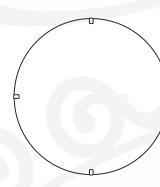
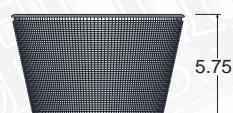
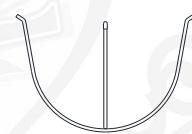
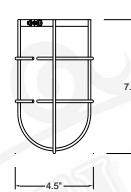
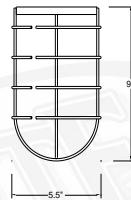
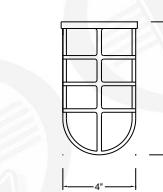
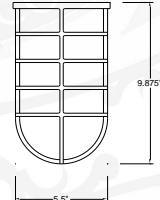
**CNK** CANOPY For MULTIPLE FIXTURES\* CNK dimensions vary on number  
of fixtures applied**LGSWL** 1/2" NPT SWIVEL  
For all shades greater than  
7" wide in diameter**FH 1/2"** FLAT HUB 1/2"  
**FH 3/4"** FLAT HUB 3/4"**TRB 1/2"-4' Cable** SUPPORT  
**TRB 3/4"-4' Cable** SUPPORT**F - LIGHT SOURCE****INCANDESCENT (INC) MED E26****INC 150W (MAX)** - REJ5FM, RE12  
**INC 200W (MAX)** - RE16, RE18, RE20\*IMPORTANT - FOR LIGHT EMITTED DIODE (LED) LIGHT SOURCE OPTION FIXTURES ARE LIMITED DUE  
TO SIZE OF THE FIXTURE AND THE CORD WATTAGE RESTRICTIONS. PLEASE SEE AVAILABILITY CHART  
TO THE LEFT.

EXAMPLE: / INC150W /

OPTION	WATTAGE	LUMENS	CRI	VOLTAGE	DIMMING
100WINC	100W	PER BULB SPECS	>90	120-277 VAC	PER BULB SPECS
150WINC	150W	PER BULB SPECS	>90	120-277 VAC	PER BULB SPECS
200WINC	200W	PER BULB SPECS	>90	120-277 VAC	PER BULB SPECS

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**I - GLASS OPTIONS**

\*NOTE: MUST USE TEMPERED GLASS FOR LIGHT FIXTURES USING HIGH INTENSITY DISCHARGE (HID) LIGHT SOURCE OPTION.

**CL3** 3" CLEAR GLASS**PR3** 3" PRISMATIC GLASS  
**PR4** 4" PRISMATIC GLASS**RE3** 3" RED GLASS  
**RE4** 4" RED GLASS**BL3** 3" BLUE GLASS  
**BL4** 4" BLUE GLASS**FR3** 3" FROSTED GLASS**AH3** 3" AMBER HYDE GLASS  
**AH4** 4" AMBER HYDE GLASS**GR3** 3" GREEN GLASS  
**GR4** 4" GREEN GLASSGLASS - MAX WATTAGE  
3" GLASS - 100W INC / LED12W  
4" GLASS - 200W INC / LED25W
 GLASS - DIMENSIONS  
 3" GLASS  
 Diameter 3.34"  
 Height 6.93"  
 Fitter 3.29"  
 4" GLASS  
 Diameter 4.34"  
 Height 8.37"  
 Fitter 4.29"
**BA** 6" OPAL BALL  
(100W INC MAX/LED12W)**BAX** 9" CLEAR GLOBE  
**BAF** 9" FROSTED GLOBE  
(200W INC MAX/LED25W)**FN** 8" CLEAR TEXTURED GLOBE  
(150W INC MAX/LED25W)**BA7** 7" CLEAR GLOBE  
**BA7F** 7" FROSTED GLOBE  
(100W INC MAX/LED25W)**PR8** 8" PRISMATIC  
**PR8F** 8" PRISMATIC FROSTED  
(200W INC MAX/LED45W)**OC** 8" OPAL TAPERED GLOBE  
(60W INC MAX/LED25W)**J - ACCESSORIES****GR12** 12" WIRE GRILL  
**GR16** 16" WIRE GRILL  
**GR18** 18" WIRE GRILL  
**GR20** 20" WIRE GRILL**LGR12** 12" LOUVERED GRILL  
**LGR16** 16" LOUVERED GRILL  
**LGR18** 18" LOUVERED GRILL  
**LGR20** 20" LOUVERED GRILL**FGR12** 12" FLAT GRILL  
**FGR16** 16" FLAT GRILL  
**FGR18** 18" FLAT GRILL  
**FGR20** 20" FLAT GRILL**CRL12** 12" CURVED POLCARB LENS  
**CRL16** 16" CURVED POLCARB LENS  
**CRL18** 18" CURVED POLCARB LENS  
**CRL20** 20" CURVED POLCARB LENS**FLE12** 12" FLAT CLEAR LENS  
**FLE16** 16" FLAT CLEAR LENS  
**FLE18** 18" FLAT CLEAR LENS  
**FLE20** 20" FLAT CLEAR LENS**REF** 9.5" DIAMETER REFRACTOR**UGR** U-WIRE GUARD**WG-1** WIRE GUARD**WG-2** WIRE GUARD**GU-1** CAST ALUMINUM GUARD**GU-2** CAST ALUMINUM GUARD



# FINISH OPTIONS



18-Mint Green



19-Antique Aluminum



21P-Oil Rubbed Bronze



22P-Old Pewter



38-Copper Tint



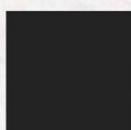
39-Raw Copper



40-Copper with Clear Coat



41-Black



41.5-Matte Black



42-Dark Green



43-Red



44-White



45-Medium Blue



46-Yellow



48-Polished Aluminum



49-Galvanized



50-Navy Blue



51-Architectural Bronze



52-Patina



53-Rust



54-Stucco



55-Sage



57-Polished Alum. Clear Coat



58-Satin Aluminum



59-Coppertone



60-Canal Green



61-Anodized Charcoal



62-Anodized Bronze



63-Iron Rust



70-Transparent Red



71-Transparent Green



72-Transparent Wine



73-Transparent Navy Blue



74-Gun Metal



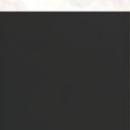
75-Distressed Red



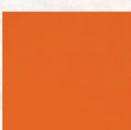
76-Distressed Blue



77-Distressed Dark Green



78-Chalkboard Black



79-Ghost Orange



80-Pale Gold



81-Metallic Bronze



82-Black Gold



83-Shocker Green



84-Faded Blue



85-Cobblestone



86-Bronze Copper



87-Champagne



88-Flamed Steel



89-Taupe



90-Lime Green



91-Pacific Pine



92-Antique Galvanized



93-Faded Copper



95-Turquoise



96-Purple



97-Battleship Grey



98-Blackened Pipe

- FINISH OPTIONS - 19,38,39,40,49,54,57,58,61,62,63,70,71,72,73,78,83,84,88,92,93,98 -  
 ONLY AVAILABLE FOR INSIDE AND OUT PAINT OPTION.

\* FINISH OPTIONS FOR SPECIFIC LIGHT FIXTURES ONLY \*  
 \*\*\*\*\* CALL FOR MORE INFORMATION. \*\*\*\*\*

**BASELITE – UPLIGHT SHADE – MED – SPEC SHEET**

PROJECT NAME: \_\_\_\_\_ PROJECT TYPE: \_\_\_\_\_

*Please Confirm Finishes*

\*FOR A COMPLETE MODEL NUMBER, MAKE A SELECTION FROM THE DROP DOWNS BELOW. SKIP SECTIONS THAT DO NOT APPLY.

**MODEL #**

EXAMPLE: UL414

41

E16

SQ 1/2"

41

200W

PR3

GR14

41

**A - SHADES****UPLIGHT SHADES**

UL414 - 200W (MAX)

**UL416 - 300W (MAX)**

UL418 - 300W (MAX)

UL422 - 300W (MAX)

UL424 - 300W (MAX)

**B - FINISH OPTIONS**

(SEE WEBSITE FOR SWATCH COLORS)

(\*SEE NOTES FOR LIMITATIONS\*)

14, 15, 16, 17, 18, 19, 19P, 20, 20P, 20PB,  
20SB, 21, 21P, 22, 22P, 23, 23P, 38, 39, 40,  
41, 41.5, 42, 43, 44, 45, 46, 48, 49, 50, 51,  
52, 53, 54, 55, 57, 58, 59, 60, 61, 62, 63, 64,  
65, 66, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79,  
80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91,  
92, 93, 94, 95, 96, 97, 98, 99, 100, MG.**C - MOUNTING OPTIONS****2" ARM EXTENSIONS**

E1, E2, E3, E4, B1, E16, E17, E27

**2" ARM EXTENSIONS**E3A, E4A, E5, E6, E7, E8, E9,  
E10, E11, E12, E13, B15, B15S,  
E19, E20, E21, E25**E14 - CREATE YOUR OWN**(BASELITE WILL TAKE YOUR SKETCH AND  
FABRICATE A CUSTOM ARM EXTENSION TO  
MEET YOUR NEEDS).**2" WALL MOUNT**B13, WM13, WM13R, WM13X, B10,  
B11, B101**2" WALL MOUNT**B9, B9C, B12, WM10, WM11, WM14,  
WM14X, WM15, WM35X, WM55,  
WM55X, WM60, WM60X, WM61,  
WM61X WM70, WM70X, WM71,  
WM71X**CORD MOUNT**BLC, WHC, TCB, TCW, TCHB, TCHW, TLB,  
TLW, TLB, TLW, RCB, RCW, RCHB, RCHW,  
FHB, FHW, CBLC, CWHC, CHB, CHW**STEM MOUNT**ST6, ST12, ST18, ST24, ST36 **ST48**, STXX**D - MOUNTING ADD-ONS****INC ADD-ONS**

CB1/2", CB3/4", CBC1/2", CBC3/4", SLC1/2"

SLC3/4" **STC1/2"****UNIVERSAL ADD-ONS**

SQ 1/2", SQ 3/4", FH 1/2", FH 3/4", TRB 1/2", TRB 3/4",

SWL, LGSWL, CNK, INB, RINB

**E - MOUNTING COLOR**

SEE SECTION "B" FOR COLOR OPTIONS.

**F - LIGHT SOURCE**

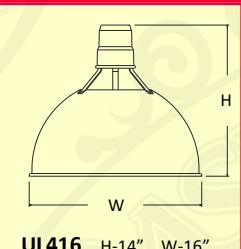
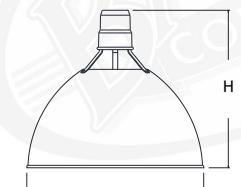
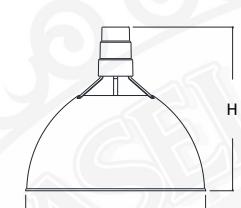
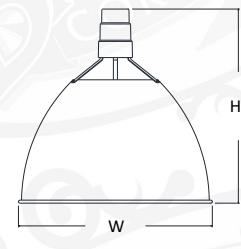
(SEE PAGE 4 FOR WATTAGE LIMITATIONS)

**MEDIUM BASE (MED)**100W **150W** 200W, 300W**G - LED COLOR TEMP**

NOT AVAILABLE

**H - ELECTRICAL OPTION**

NOT AVAILABLE

**I - GLASS OPTIONS**CL3, CL4, CLT3, CLT4, BL3, BL4, RE3, RE4,  
GR3, GR4, AH3, AH4, FR3, FR4, FRT3, FRT4,  
PR3, PR4, BA, BAX, BAF, PR8, PR8F, FN, OC**J - ACCESSORIES**GR14, GR16, GR18, GR22, REF, UGR, LGR14,  
LGR16, LGR18, LGR22, CRL14, CRL16, CRL18,  
CRL22, FLE14, FLE16, FLE18, FLE22, FGR14,  
FGR16, FGR18, FGR22, GU-1, GU-2, WG-1,  
WG-2**K - ACCESSORY COLOR**SEE SECTION "B" FOR COLOR  
OPTIONS.**NOTES**(1). FINISH OPTIONS 75, 76, 77, 83, 84, 88,  
93 AND 98 ARE APPLIED BY HAND. THESE  
FINISHES WILL VARY IN CONSISTENCY.(2). FINISH OPTIONS 38, 39, 40, 49, 54, 57,  
58, 61, 62, 63, 70, 71, 72, 73, 78, 83, 84,  
88, 92, 93, 98 ONLY AVAILABLE INSIDE  
AND OUT OF FIXTURE. OTHER FINISHES  
ARE WHITE INSIDE.(3). FINISH OPTIONS FOR SHADES ≤ 10" IN  
DIAMETER ARE THE SAME INSIDE AND  
OUT OF FIXTURE. SHADES > 10" IN  
DIAMETER ARE WHITE ON THE INSIDE.(4). FINISH OPTIONS 61, 62, 70, 71, 72, 73  
ARE FINISHED WITH A SUPERCHROME  
ON THE INSIDE FOR ALL LED LIGHT SOURCE  
OPTIONS.(5). COLOR CORDS ARE NOT APPLICABLE  
FOR LED OPTIONS.\*ALL ARMS COME WITH A CAST  
BACKPLATE (CB1/2", CB3/4", LWTM,  
CFWLM, ECT.).\*ACCORDING TO THE LIGHT SOURCE THE  
BACKPLATE MAY VARY IN SIZE. (EXAMPLE:  
LED LIGHT SOURCE WILL HAVE A DEEPER  
BACKPLATE TO HOUSE THE DRIVER.).\*ALL FIXTURES MOUNT TO A 4-0  
JUNCTION BOX.\*FIXTURE DIMENSIONS MAY VARY  
± 0.25.\*CORD AND CANOPY COME IN THE SAME  
COLOR.**UL14** H-10" W-14"**UL16** H-14" W-16"**UL18** H-16" W-18"**UL22** H-20" W-22"**UL424** H-24" W-24"

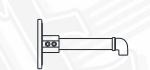
**BASELITE – UPLIGHT SHADE – MED – SPEC SHEET**

PROJECT NAME: \_\_\_\_\_

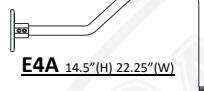
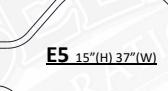
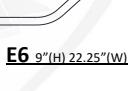
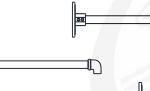
PROJECT TYPE: \_\_\_\_\_

**C - MOUNTING OPTIONS****1/2" ARM EXTENSIONS**

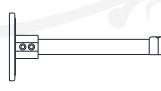
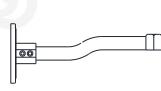
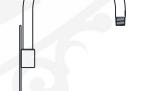
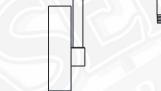
\*ARMS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF ARMS ARE DIMENSIONED \*E27 CUSTOM BACK PLATE - 8" (H) .5" (W)

**E1** 8.5"(H) 18"(W)**E2** 13.5"(H) 35"(W)**E3** 16"(H) 24.75"(W)**E4** 14.5"(H) 22.25"(W)**B1** 6.75"(H) 12"(W)**E16** 4.75"(H) 8.5"(W)**E17** 4.75"(H) 9.5"(W)**E27** 10.25"(H) 10.5"(W)**3/4" ARM EXTENSIONS**

\*ARMS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF ARMS ARE DIMENSIONED

**E3A** 16"(H) 26.25"(W)**E20** 85"(H) 27.25"(W)**E4A** 14.5"(H) 22.25"(W)**E5** 15"(H) 37"(W)**E6** 9"(H) 22.25"(W)**E9** 40.25"(H) 27.5"(W)**E7** 9"(H) 48.25"(W)**E12** 4.75"(H) 37.5"(W)**E10** 18"(H) 54.25"(W)**E8** 12"(H) 29.75"(W)**E13** 30"(H) 25.25"(W)**E14** TBD"(H) TBD"(W)All arms sold with  
Cast Backplate (CB)**B15** 9.5"(H) 23"(W)**E11** 19"(H) 35"(W)**E25** 32"(H) 27"(W)**E19** 10"(H) 10"(W)**1/2" WALL MOUNTS**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

**B10** 4.75"(H) 11"(W)**B101** 4.75"(H) 12"(W)**B11** 4.75"(H) 13"(W)**B13** 4.75"(H) 15"(W)**WM13** 12"(H) 9.5"(W)**WM13R** 12"(H) 9.5"(W)**WM13X** 12"(H) 10.5"(W)**3/4" WALL MOUNTS**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

**B12** 4.75"(H) 14"(W)**B9** 5"(H) 18"(W)**B9C** 5"(H) 18"(W)  
\*CHAIN HEIGHT TBD BY  
CUSTOMER**WM14** 18"(H) 12"(W)**WM14X** 18"(H) 14"(W)**WM15** 23"(H) 19.5"(W)

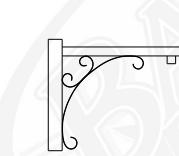
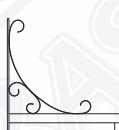
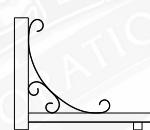
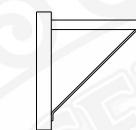
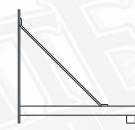
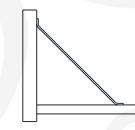
**BASELITE – UPLIGHT SHADE – MED – SPEC SHEET**

PROJECT NAME: \_\_\_\_\_

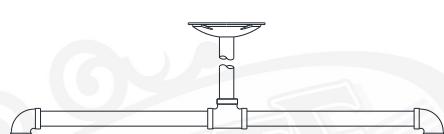
PROJECT TYPE: \_\_\_\_\_

**C - MOUNTING OPTIONS (CONTINUED)****3/4" WALL MOUNTS**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

**WM18** 30"(H) 20"(W)**WM35** 26"(H) 18.25"(W)**WM35X** 26"(H) 22"(W)**WM55** 19"(H) 25.5"(W)**WM55X** 19"(H) 27"(W)**WM60** 18"(H) 20"(W)**WM60X** 18"(H) 22"(W)**WM61** 18"(H) 20"(W)**WM61X** 18"(H) 22"(W)**WM70** 18"(H) 20"(W)**WM70X** 18"(H) 22"(W)**WM71** 18"(H) 20"(W)**WM71X** 18"(H) 22"(W)**STEM MOUNTS**

\*STEMS RATED FOR DAMP LOCATION

**DP24** DOUBLE PENDANT 20"(H) 24"(W)

\*DP24 COMES STANDARD WITH STC AND ST18

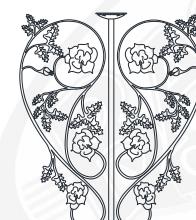
**ST(XX)** STEM- 1/2" NPT

XX = LENGTH OF STEM

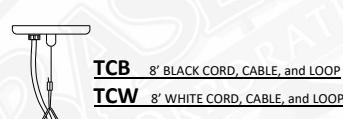
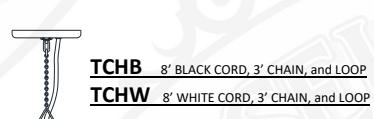
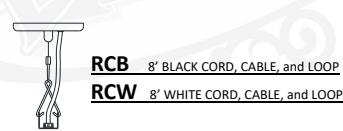
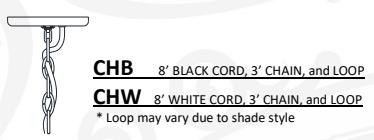
(EXAMPLE - "ST18" = STEM MOUNT 18" LENGTH)

\*CANOPY NOT INCLUDED, ADD IN SECTION D

\* 1/4" NPT AND 3/4" NPT AVAILABLE UPON REQUEST

**SC24** SCROLL STEM 33"(H) 24(W)

\*SC24 COMES STANDARD WITH STC

**CORD MOUNTS**\*MEDIUM BASE MAX WATTAGE IS 150 WATT. CALL FACTORY FOR HIGHER WATTAGES. LOOPS, CABLES, AND CHAINS AVAILABLE ONLY FOR INCANDESCENT \*CORDS RATED FOR DRY LOCATION \*CANOPY DIMENSIONS: .625" (H) 5.25" (W)  
\*CORD AND CANOPY COME IN THE SAME COLOR.**BLC** 8' BLACK CORD  
**WHC** 8' WHITE CORD**TCB** 8' BLACK CORD, CABLE, and LOOP  
**TCW** 8' WHITE CORD, CABLE, and LOOP**TCHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**TCHW** 8' WHITE CORD, 3' CHAIN, and LOOP**TLB** 8' BLACK TELEPHONE CORD AND CABLE  
**TLW** 8' WHITE TELEPHONE CORD AND CABLE**RCB** 8' BLACK CORD, CABLE, and LOOP  
**RCW** 8' WHITE CORD, CABLE, and LOOP**RCHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**RCHW** 8' WHITE CORD, 3' CHAIN, and LOOP**FHB** 8' BLACK CORD WITH FLAT HUB  
**FHW** 8' WHITE CORD WITH FLAT HUB**CBLC** 8' BLACK CORD and CABLE  
**CWLC** 8' WHITE CORD and CABLE**CHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**CHW** 8' WHITE CORD, 3' CHAIN, and LOOP

\* Loop may vary due to shade style

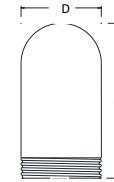
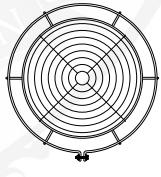
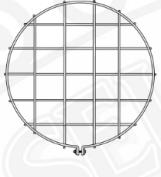
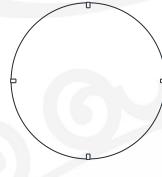
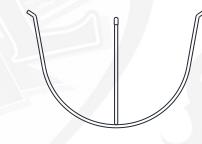
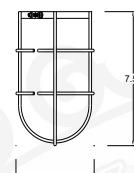
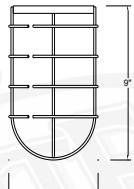


**BASELITE – UPLIGHT SHADE – MED – SPEC SHEET**

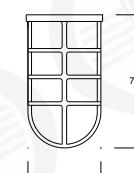
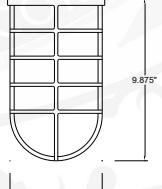
PROJECT NAME: \_\_\_\_\_ PROJECT TYPE: \_\_\_\_\_

**I – GLASS OPTIONS**

NOTE : GLASS IS HEAT RESISTANCE BOROSILICATE. \*TEMPERED GLASS AVAILABLE UPON REQUEST. CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR INFORMATION OR CALL FACTORY FOR QUESTIONS.

**CL3** 3" CLEAR GLASS  
**CL4** 4" CLEAR GLASS**PR3** 3" PRISMATIC GLASS  
**PR4** 4" PRISMATIC GLASS**RE3** 3" RED GLASS  
**RE4** 4" RED GLASS**BL3** 3" BLUE GLASS  
**BL4** 4" BLUE GLASS**FR3** 3" FROSTED GLASS  
**FR4** 4" FROSTED GLASS**AH3** 3" AMBER HYDE GLASS  
**AH4** 4" AMBER HYDE GLASS**GR3** 3" GREEN GLASS  
**GR4** 4" GREEN GLASSGLASS – DIMENSIONS  
3" GLASS  
Diameter 3.34"  
Height 6.93"  
Fitter 3.29"  
4" GLASS  
Diameter 4.34"  
Height 8.37"  
Fitter 4.29"GLASS – MAX WATTAGE  
3" GLASS – 100W MED / LED12W  
4" GLASS – 200W MED / LED25W**BA** 6" OPAL BALL  
(100W INC MAX/LED12W)**BAX** 9" CLEAR GLOBE  
**BAF** 9" FROSTED GLOBE  
(200W INC MAX/LED25W)**FN** 8" CLEAR TEXTURED GLOBE  
(150W INC MAX/LED25W)**BA7** 7" CLEAR GLOBE  
**BA7F** 7" FROSTED GLOBE  
(100W INC MAX/LED25W)**PR8** 8" PRISMATIC  
**PR8F** 8" PRISMATIC FROSTED  
(200W INC MAX/LED45W)**OC** 8" OPAL TAPERED GLOBE  
(60W INC MAX/LED25W)**J – ACCESSORIES****GR14** 14" WIRE GRILL  
**GR16** 16" WIRE GRILL  
**GR18** 18" WIRE GRILL  
**GR22** 22" WIRE GRILL**LGR14** 14" LOUVERED GRILL  
**LGR16** 16" LOUVERED GRILL  
**LGR18** 18" LOUVERED GRILL  
**LGR22** 22" LOUVERED GRILL**FGR14** 14" FLAT GRILL  
**FGR16** 16" FLAT GRILL  
**FGR18** 18" FLAT GRILL  
**FGR22** 22" FLAT GRILL**CRL14** 14" CURVED POLCARB LENSE  
**CRL16** 16" CURVED POLCARB LENSE  
**CRL18** 18" CURVED POLCARB LENSE  
**CRL22** 22" CURVED POLCARB LENSE**FLE14** 14" FLAT CLEAR LENSE  
**FLE16** 16" FLAT CLEAR LENSE  
**FLE18** 18" FLAT CLEAR LENSE  
**FLE22** 22" FLAT CLEAR LENSE**REF** 9.5" DIAMETER REFRACTOR**UGR** U-WIRE GUARD**WG-1** WIRE GUARD**WG-2** WIRE GUARD

Available for shades 12" or higher

**GU-1** CAST ALUMINUM GUARD

Available for shades 12" or higher



# FINISH OPTIONS



18-Mint Green

19-Antique  
Aluminum21P-Oil Rubbed  
Bronze

22P-Old Pewter



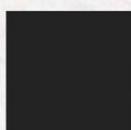
38-Copper Tint



39-Raw Copper

40-Copper with  
Clear Coat

41-Black



41.5-Matte Black



42-Dark Green



43-Red



44-White



45-Medium Blue



46-Yellow

48-Polished  
Aluminum

49-Galvanized



50-Navy Blue

51-Architectural  
Bronze

52-Patina



53-Rust



54-Stucco



55-Sage

57-Polished  
Alum. Clear Coat58-Satin  
Aluminum

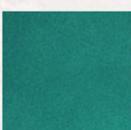
59-Coppertone



60-Canal Green

61-Anodized  
Charcoal62-Anodized  
Bronze

63-Iron Rust

70-Transparent  
Red71-Transparent  
Green72-Transparent  
Wine73-Transparent  
Navy Blue

74-Gun Metal

75-Distressed  
Red76-Distressed  
Blue77-Distressed  
Dark Green78-Chalkboard  
Black

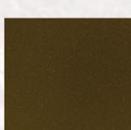
79-Ghost Orange



80-Pale Gold



81-Metallic Bronze



82-Black Gold



83-Shocker Green



84-Faded Blue



85-Cobblestone



86-Bronze Copper



87-Champagne



88-Flamed Steel



89-Taupe



90-Lime Green



91-Pacific Pine

92-Antique  
Galvanized

93-Faded Copper



95-Turquoise

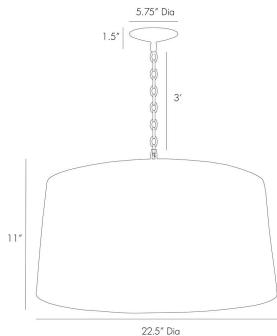


96-Purple

97-Battleship  
Grey98-Blackened  
Pipe

- FINISH OPTIONS - 19,38,39,40,49,54,57,58,61,62,63,70,71,72,73,78,83,84,88,92,93,98 -  
ONLY AVAILABLE FOR INSIDE AND OUT PAINT OPTION.

\* FINISH OPTIONS FOR SPECIFIC LIGHT FIXTURES ONLY \*  
\*\*\*\*\* CALL FOR MORE INFORMATION. \*\*\*\*\*

**A R T E R I O R S****ANDERSON SMALL PENDANT**

42466

English Bronze, Iron



3-light hand hammered iron drum shade pendant in a bronze finish both on exterior and interior, features a double diffuser suspended from within. Perforated metal bottom allows light to illuminate and suspends from matching linked chain. Additional chain available CHN-946. Certified for damp locations and intended for interior use.

APPEARANCE

Materials	Iron, Iron
Finishes	English Bronze, English Bronze
Finish Will Vary	No
Top Coat/Sealant	No

DIMENSIONS

Overall	Dia: 22.5 in x H: 11 in
Canopy	Dia: 5.75 in x H: 1.5 in
Maximum Hanging Height as Sold	47 in
Minimum Hanging Height as Sold	11 in

WIRING

Wire Rating	Damp
Cord	9 FT, Clear/Silver, SVT
Socket	3, Type A- E26 Keyless
Suggested Bulb Type	B8
Maximum Wattage	40.0
Voltage	110-120 V

CERTIFICATIONS & COMPLIANCE

Certifications	Middle East, European Union, United Kingdom, Mexico, United States, Canada
Compliance	RoHS, UL/ETL, CB

SHIPPING

Product Weight	15.0 lbs
Gross Weight	27.8 lbs
Shipping Box	W: 26.0 in x D: 26.0 in x H: 14.0 in

CONTRACT

Contract Suitability	Contract Suitable As Is
----------------------	-------------------------

COMPONENTS

Pipe or Chain Included	36"
------------------------	-----

ADDITIONAL PARTS AVAILABLE

CHN-946	36"
---------	-----

REPLACEMENT PARTS

CANOPY-946	
42466DIF	

**BASELITE - VENTED SHADE – INC – SPEC SHEET**

PROJECT NAME: \_\_\_\_\_ PROJECT TYPE: \_\_\_\_\_

**Please Confirm Finish**

NOTES:



V218/46/BLC/100INC

**A - SHADES****VENTED SHADES**

V212 - 100WINC (MAX)

V214 - 150WINC (MAX)

**V216 - 200WINC (MAX)**

V218 - 300WINC (MAX)

V220 - 300WINC (MAX)

**D - MOUNTING ADD-ONS****INC ADD-ONS**

CB1/2", CB3/4", CBC1/2", CBC3/4", SLC1/2"

SLC3/4" **STC1/2"****UNIVERSAL ADD-ONS**

SQ 1/2", SQ 3/4", FH 1/2", FH 3/4", TRB 1/2", TRB 3/4",

SWL, LGSWL, CNK, INB, RINB

**K - ACCESSORY COLOR**

SEE SECTION "B" FOR COLOR OPTIONS.

**NOTES**

(1). FINISH OPTIONS 75, 76, 77, 83, 84, 88, 93 AND 98 ARE APPLIED BY HAND. THESE FINISHES WILL VARY IN CONSISTENCY.

(2). FINISH OPTIONS 38, 39, 40, 49, 54, 57, 58, 61, 62, 63, 70, 71, 72, 73, 78, 83, 84, 88, 92, 93, 98 ONLY AVAILABLE INSIDE AND OUT OF FIXTURE. OTHER FINISHES ARE WHITE INSIDE.

(3). FINISH OPTIONS FOR SHADES ≤ 10" IN DIAMETER ARE THE SAME INSIDE AND OUT OF FIXTURE. SHADES &gt; 10" IN DIAMETER ARE WHITE ON THE INSIDE.

(4). FINISH OPTIONS 61, 62, 70, 71, 72, 73 ARE FINISHED WITH A SUPERCHROME ON THE INSIDE FOR ALL LED LIGHT SOURCE OPTIONS.

(5). COLOR CORDS ARE NOT APPLICABLE FOR LED OPTIONS.

\*ALL ARMS COME WITH A CAST BACKPLATE (CB1/2", CB3/4", LWTM, CFWTM, ECT.).

\*ACCORDING TO THE LIGHT SOURCE THE BACKPLATE MAY VARY IN SIZE. (EXAMPLE: LED LIGHT SOURCE WILL HAVE A DEEPER BACKPLATE TO HOUSE THE DRIVER.).

\*ALL FIXTURES MOUNT TO A 4-O JUNCTION BOX.

\*FIXTURE DIMENSIONS MAY VARY ± 0.25.

\*SHADES RATED FOR DRY LOCATION ONLY.

\*CORD AND CANOPY COME IN THE SAME COLOR.

**B - FINISH OPTIONS**

(SEE WEBSITE FOR SWATCH COLORS)

(\*SEE NOTES FOR LIMITATIONS\*)

 14, 15, 16, 17, 18, 19, 19P, 20, 20P, 20PB,  
 20SB, 21, 21P, 22, 22P, 23, 23P, 38, 39, 40,  
 41, 41.5, 42, 43, 44, 45, 46, 48, 49, 50, 51,  
 52, 53, 54, 55, 57, 58, 59, 60, 61, 62, 63, 64,  
 65, 66, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79,  
 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91,  
 92, 93, 94, 95, 96, 97, 98, 99, 100, MG.
**C - MOUNTING OPTIONS****1/2" ARM EXTENSIONS**

E1, E2, E3, E4, B1, E16, E17, E27

**3/4" ARM EXTENSIONS**E3A, E4A, E5, E6, E7, E8, E9,  
 E10, E11, E12, E13, B15, B15S,  
 E19, E20, E21, E25**E14 - CREATE YOUR OWN**(BASELITE WILL TAKE YOUR SKETCH AND  
 FABRICATE A CUSTOM ARM EXTENSION TO  
 MEET YOUR NEEDS).**1/2" WALL MOUNT**B13, WM13, WM13R, WM13X, B10,  
 B11, B101**3/4" WALL MOUNT**B9, B9C, B12, WM10, WM11, WM14,  
 WM14X, WM15, WM35X, WM55, WM55X,  
 WM60, WM60X, WM61, WM61X WM70,  
 WM70X, WM71, WM71X**CORD MOUNT**BLC, WHC, TCB, TCW, TCHB, TCHW, TLB,  
 TLW, TLB, TLW, RCB, RCW, RCHB, RCHW,  
 FHB, FHW, CBLC, CWHC, CHB, CHW**STEM MOUNT**

ST6, ST12, ST18, ST24, ST36, ST48, STXX

**E - MOUNTING COLOR**

SEE SECTION "B" FOR COLOR OPTIONS.

**F - LIGHT SOURCE**

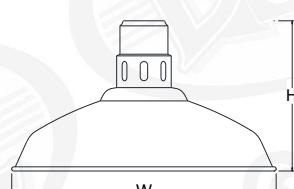
(SEE PAGE 4 FOR WATTAGE LIMITATIONS)

**INCANDESCENT (INC)**100W **150W**, 200W, 300W**G - LED COLOR TEMP**

NOT AVAILABLE

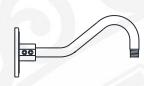
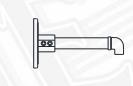
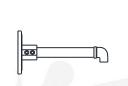
**H - ELECTRICAL OPTION**

NOT AVAILABLE

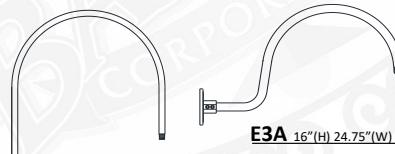
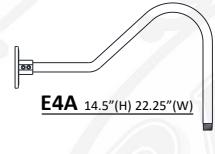
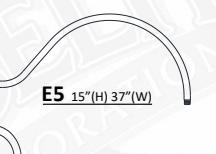
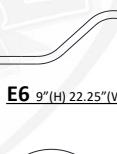
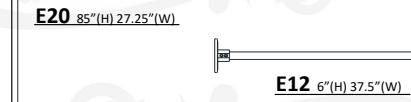
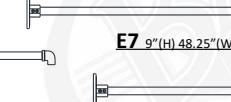
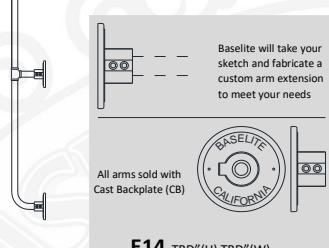
**I - GLASS OPTIONS**CL3, CL4, CLT3, CLT4, BL3, BL4, RE3, RE4,  
 GR3, GR4, AH3, AH4, FR3, FR4, FRT3, FRT4,  
 PR3, PR4, BA, BAX, BAF, PR8, PR8F, FN, OC**J - ACCESSORIES**GR12, GR14, GR16, GR18, GR20, REF, UGR,  
 LGR12, LGR14, LGR16, LGR18, LGR20, CRL12,  
 CRL14, CRL16, CRL18, CRL20, FLE12, FLE14,  
 FLE16, FLE18, FLE20, FGR12, FGR14, FGR16,  
 FGR18, FGR20, GU-1, GU-2, WG-1, WG-2**V212** H-8" W-12"**V214** H-8" W-14"**V216** H-8" W-16"**V218** H-8" W-18"**V220** H-8" W-20"

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**C - MOUNTING OPTIONS****1/2" ARM EXTENSIONS**

\*ARMS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF ARMS ARE DIMENSIONED \*E27 CUSTOM BACK PLATE - 8" (H).5" (W)

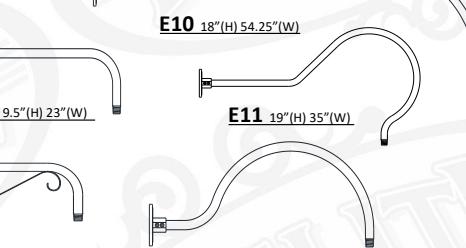
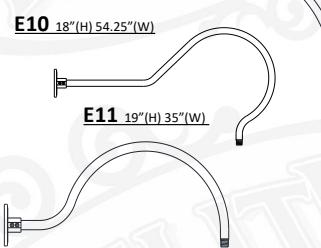
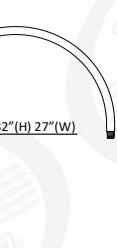
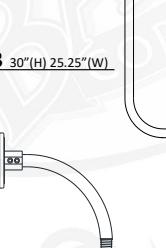
**E1** 8.5"(H) 18"(W)**E2** 13.5"(H) 35"(W)**E3** 16"(H) 24.75"(W)**E4** 14.5"(H) 22.25"(W)**B1** 6"(H) 12"(W)**E16** 4.75"(H) 8.5"(W)**E17** 4.75"(H) 9.5"(W)**E27** 10.25"(H) 10.5"(W)**3/4" ARM EXTENSIONS**

\*ARMS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF ARMS ARE DIMENSIONED

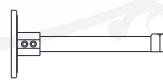
**E20** 85"(H) 27.25"(W)**E3A** 16"(H) 24.75"(W)**E4A** 14.5"(H) 22.25"(W)**E5** 15"(H) 37"(W)**E6** 9"(H) 22.25"(W)**E9** 40.25"(H) 27.5"(W)**E12** 6"(H) 37.5"(W)**E7** 9"(H) 48.25"(W)**E8** 12"(H) 29.75"(W)**E14** TBD"(H) TBD"(W)

Baseline will take your sketch and fabricate a custom arm extension to meet your needs

All arms sold with Cast Backplate (CB)

**B15** 9.5"(H) 23"(W)**E10** 18"(H) 54.25"(W)**E11** 19"(H) 35"(W)**E25** 32"(H) 27"(W)**E13** 30"(H) 25.25"(W)**E19** 10"(H) 10"(W)**1/2" WALL MOUNTS**

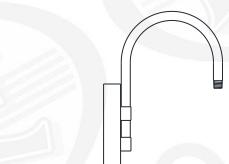
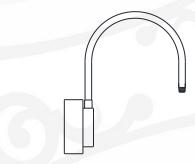
\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

**B10** 4.75"(H) 11"(W)**B101** 4.75"(H) 12"(W)**B11** 4.75"(H) 13"(W)**B13** 4.75"(H) 15"(W)**WM13** 12"(H) 9.5"(W)**WM13R** 12"(H) 9.5"(W)**WM13X** 12"(H) 10.5"(W)**3/4" WALL MOUNTS**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

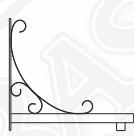
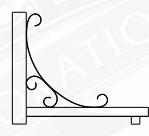
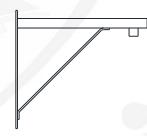
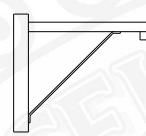
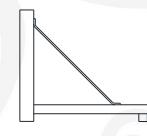
**B12** 4.75"(H) 14"(W)**B9** 5"(H) 18"(W)**B9C** 5"(H) 18"(W)

\*CHAIN HEIGHT TBD BY CUSTOMER

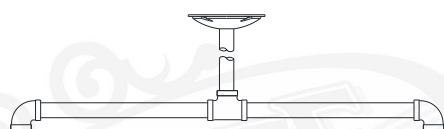
**WM14** 18"(H) 12"(W)**WM14X** 18"(H) 14"(W)**WM15** 23"(H) 19.5"(W)

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**C - MOUNTING OPTIONS (CONTINUED)****3/4" WALL MOUNTS**

\*MOUNTS RATED FOR WET LOCATION \* MAXIMUM SECTIONS OF MOUNTS ARE DIMENSIONED

**WM18** 30"(H) 20"(W)**WM35** 26"(H) 18.25"(W)**WM35X** 26"(H) 22"(W)**WM55** 19"(H) 25.5"(W)**WM55X** 19"(H) 27"(W)**WM60** 18"(H) 20"(W)**WM60X** 18"(H) 22"(W)**WM61** 18"(H) 20"(W)**WM61X** 18"(H) 22"(W)**WM70** 18"(H) 20"(W)**WM70X** 18"(H) 22"(W)**WM71** 18"(H) 20"(W)**WM71X** 18"(H) 22"(W)**STEM MOUNTS**

\*STEMS RATED FOR DAMP LOCATION

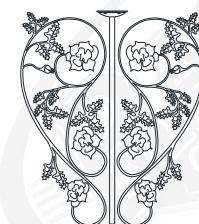
**DP24** DOUBLE PENDANT 20"(H) 24"(W)\*DP24 COMES STANDARD WITH STC  
AND ST18**ST(XX)** STEM- 1/2" NPT

XX = LENGTH OF STEM

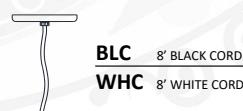
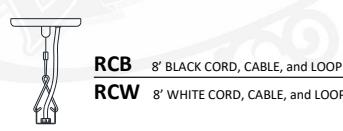
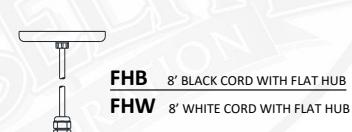
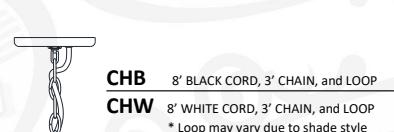
(EXAMPLE - "ST18" = STEM MOUNT 18" LENGTH)

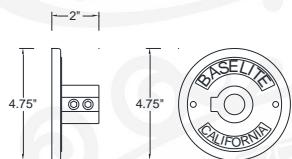
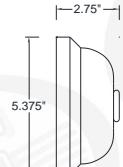
\*CANOPY NOT INCLUDED, ADD IN SECTION D

\* 1/4" NPT AND 3/4" NPT AVAILABLE UPON REQUEST

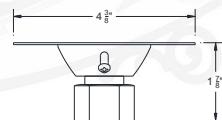
**SC24** SCROLL STEM 33"(H) 24(W)

\*SC24 COMES STANDARD WITH STC

**INCANDESCENT CORD MOUNTS**\*INCANDESCENT MAX WATTAGE 150 WATT. CALL FACTORY FOR HIGHER WATTAGES. LOOPS, CABLES, AND CHAINS AVAILABLE ONLY FOR INCANDESCENT \*CORDS RATED FOR DRY LOCATION \*CANOPY DIMENSIONS: .625" (H) 5.25" (W)  
\*CORD AND CANOPY COME IN THE SAME COLOR.**BLC** 8' BLACK CORD  
**WHC** 8' WHITE CORD**TCB** 8' BLACK CORD, CABLE, and LOOP  
**TCW** 8' WHITE CORD, CABLE, and LOOP**TCHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**TCHW** 8' WHITE CORD, 3' CHAIN, and LOOP**TLB** 8' BLACK TELEPHONE CORD AND CABLE  
**TLW** 8' WHITE TELEPHONE CORD AND CABLE**RCB** 8' BLACK CORD, CABLE, and LOOP  
**RCW** 8' WHITE CORD, CABLE, and LOOP**RCHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**RCHW** 8' WHITE CORD, 3' CHAIN, and LOOP**FHB** 8' BLACK CORD WITH FLAT HUB  
**FHW** 8' WHITE CORD WITH FLAT HUB**CBLC** 8' BLACK CORD and CABLE  
**CWLC** 8' WHITE CORD and CABLE**CHB** 8' BLACK CORD, 3' CHAIN, and LOOP  
**CHW** 8' WHITE CORD, 3' CHAIN, and LOOP  
\* Loop may vary due to shade style

**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**D - MOUNTING ADD-ONS****INCANDESCENT ARM ADD-ONS**
**CB 1/2"** CAST ALUMINUM BACKPLATE 1/2 NPT  
**CB 3/4"** CAST ALUMINUM BACKPLATE 3/4 NPT

**CBC 1/2"** 1/2" BACKPLATE COVER  
**CBC 3/4"** 3/4" BACKPLATE COVER

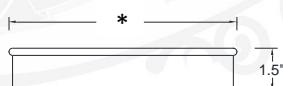
\* Includes slip ring to hold 1/2" or 3/4" arm extension in place


**SLC 1/2"** SLOPE CEILING CANOPY 1/2"  
**SLC 3/4"** SLOPE CEILING CANOPY 3/4"

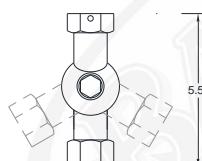
\*(Slopes To 20 Degrees)


**STC 1/2"** 1/2" STEM MOUNT CANOPY
**UNIVERSAL STEM AND ARM ADD-ONS**

\* EXAMPLE FOR MULTIPLE MOUNTING ADD-ONS:

 MODEL #: -/-/-/LWTM,TRB 1/2",LGSWL/-/-/-/-/-  
 A B C D E F G H I J K

**CNK** CANOPY For MULTIPLE FIXTURES

\*CNK dimensions vary on number of fixtures applied


**LGSWL** 1/2" NPT SWIVEL  
 For all shades greater than 7" wide in diameter

**FH 1/2"** FLAT HUB 1/2"  
**FH 3/4"** FLAT HUB 3/4"

**TRB 1/2"-4' Cable** SUPPORT  
**TRB 3/4"-4' Cable** SUPPORT
**F - LIGHT SOURCE**

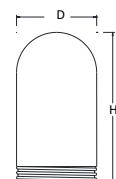
BASELITE'S PUBLISHED LUMINAIRE PHOTOMETRIC TESTING WAS PERFORMED IN A 3-METER INTEGRATING SPHERE USING THE 4TT GEOMETRY METHOD. DATA IS CONSIDERED TO BE REPRESENTATIVE OF THE CONFIGURATIONS SHOWN, WITHIN THE TOLERANCES ALLOWED BY LIGHTING FACTS. TO OBTAIN AN IES FILE SPECIFIC TO YOUR PROJECT, PLEASE CONTACT THE FACTORY.

**INCANDESCENT (INC) MED E26**
**INC 100W- V212**  
**INC 150W- V214**  
**INC 200W- V216**  
**INC 300W- V218, V220**
**\*IMPORTANT** – FOR INCANDESCENT (INC) LIGHT SOURCE OPTION, FIXTURES ARE LIMITED DUE TO SIZE OF THE FIXTURE AND THE CORD WATTAGE RESTRICTIONS. PLEASE SEE AVAILABILITY CHART TO THE LEFT. EXAMPLE: / INC150W /

OPTION	WATTAGE	LUMENS	CRI	VOLTAGE	DIMMING
100WINC	100W	PER BULB SPECS	>90	120-277 VAC	N/A
150WINC	150W	PER BULB SPECS	>90	120-277 VAC	N/A
200WINC	200W	PER BULB SPECS	>90	120-277 VAC	N/A
300WINC	300W	PER BULB SPECS	>90	120-277 VAC	N/A

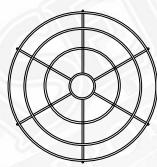
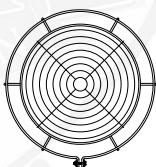
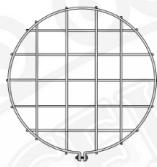
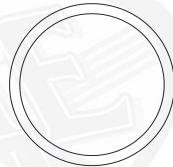
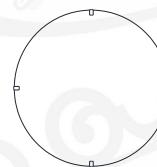
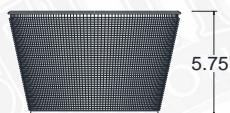
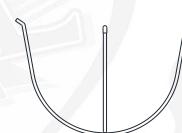
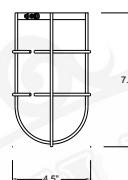
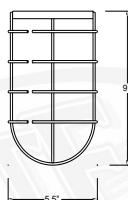
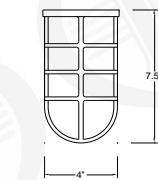
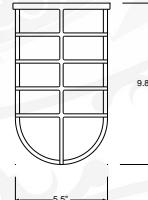
**BASELITE RLM CATALOG**PROJECT NAME: \_\_\_\_\_  
PROJECT TYPE: \_\_\_\_\_**I - GLASS OPTIONS**

\*NOTE: MUST USE TEMPERED GLASS FOR LIGHT FIXTURES USING HIGH INTENSITY DISCHARGE (HID) LIGHT SOURCE OPTION.

**CL3** 3" CLEAR GLASS**PR3** 3" PRISMATIC GLASS  
**PR4** 4" PRISMATIC GLASS**RE3** 3" RED GLASS  
**RE4** 4" RED GLASS**BL3** 3" BLUE GLASS  
**BL4** 4" BLUE GLASS**BA** 6" OPAL BALL  
(100W INC MAX/LED12W)**BAX** 9" CLEAR GLOBE  
**BAF** 9" FROSTED GLOBE  
(200W INC MAX/LED25W)**FN** 8" CLEAR TEXTURED GLOBE  
(150W INC MAX/LED25W)**CLT3** 3" CLEAR TEMPERED**CLT4** 4" CLEAR TEMPERED**FR3** 3" FROSTED GLASS**AH3** 3" AMBER HYDE GLASS  
**AH4** 4" AMBER HYDE GLASS**GR3** 3" GREEN GLASS  
**GR4** 4" GREEN GLASS

GLASS - DIMENSIONS  
 3" GLASS  
 Diameter 3.34"  
 Height 6.93"  
 Fitter 3.29"  
 4" GLASS  
 Diameter 4.34"  
 Height 8.37"  
 Fitter 4.29"

GLASS - MAX WATTAGE  
 3" GLASS - 100W INC / LED12W  
 4" GLASS - 200W INC / LED25W

**BA7** 7" CLEAR GLOBE  
**BA7F** 7" FROSTED GLOBE  
(100W INC MAX/LED25W)**PR8** 8" PRISMATIC  
**PR8F** 8" PRISMATIC FROSTED  
(200W INC MAX/LED45W)**OC** 8" OPAL TAPERED GLOBE  
(60W INC MAX/LED25W)**J - ACCESSORIES****GR12** 12" WIRE GRILL  
**GR14** 14" WIRE GRILL  
**GR16** 16" WIRE GRILL  
**GR18** 18" WIRE GRILL  
**GR20** 20" WIRE GRILL**LGR12** 12" LOUVERED GRILL  
**LGR14** 14" LOUVERED GRILL  
**LGR16** 16" LOUVERED GRILL  
**LGR18** 18" LOUVERED GRILL  
**LGR20** 20" LOUVERED GRILL**FGR12** 12" FLAT GRILL  
**FGR14** 14" FLAT GRILL  
**FGR16** 16" FLAT GRILL  
**FGR18** 18" FLAT GRILL  
**FGR20** 20" FLAT GRILL**CRL12** 12" CURVED POLYCARB LENSE  
**CRL14** 14" CURVED POLYCARB LENSE  
**CRL16** 16" CURVED POLYCARB LENSE  
**CRL18** 18" CURVED POLYCARB LENSE  
**CRL20** 20" CURVED POLYCARB LENSE**FLE12** 12" FLAT CLEAR LENSE  
**FLE14** 14" FLAT CLEAR LENSE  
**FLE16** 16" FLAT CLEAR LENSE  
**FLE18** 18" FLAT CLEAR LENSE  
**FLE20** 20" FLAT CLEAR LENSE**REF** 9.5" DIAMETER REFRACTOR**UGR** U-WIRE GUARD**WG-1** WIRE GUARD**WG-2** WIRE GUARD  
Available for shades  
12" or higher**GU-1** CAST ALUMINUM GUARD**GU-2** CAST ALUMINUM GUARD  
Available for shades 12" or higher



# FINISH OPTIONS



18-Mint Green



19-Antique Aluminum



21P-Oil Rubbed Bronze



22P-Old Pewter



38-Copper Tint



39-Raw Copper



40-Copper with Clear Coat



41-Black



41.5-Matte Black



42-Dark Green



43-Red



44-White



45-Medium Blue



46-Yellow



48-Polished Aluminum



49-Galvanized



50-Navy Blue



51-Architectural Bronze



52-Patina



53-Rust



54-Stucco



55-Sage



57-Polished Alum. Clear Coat



58-Satin Aluminum



59-Coppertone



60-Canal Green



61-Anodized Charcoal



62-Anodized Bronze



63-Iron Rust



70-Transparent Red



71-Transparent Green



72-Transparent Wine



73-Transparent Navy Blue



74-Gun Metal



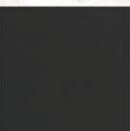
75-Distressed Red



76-Distressed Blue



77-Distressed Dark Green



78-Chalkboard Black



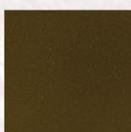
79-Ghost Orange



80-Pale Gold



81-Metallic Bronze



82-Black Gold



83-Shocker Green



84-Faded Blue



85-Cobblestone



86-Bronze Copper



87-Champagne



88-Flamed Steel



89-Taupe



90-Lime Green



91-Pacific Pine



92-Antique Galvanized



93-Faded Copper



95-Turquoise



96-Purple



97-Battleship Grey



98-Blackened Pipe

- FINISH OPTIONS - 19,38,39,40,49,54,57,58,61,62,63,70,71,72,73,78,83,84,88,92,93,98 -  
 ONLY AVAILABLE FOR INSIDE AND OUT PAINT OPTION.

\* FINISH OPTIONS FOR SPECIFIC LIGHT FIXTURES ONLY \*  
 \*\*\*\*\* CALL FOR MORE INFORMATION. \*\*\*\*\*

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

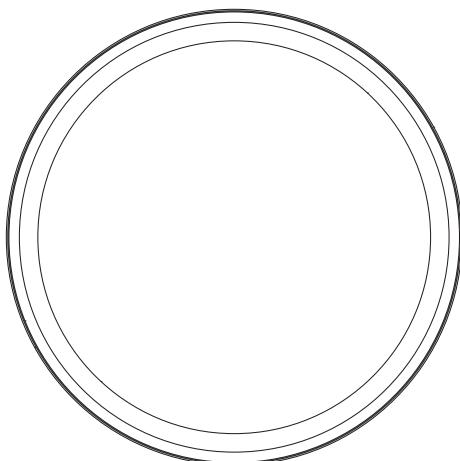
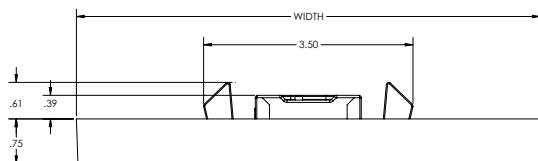
JSF 7IN 10LM SWW5 90CRI MVOLT  
ZT WH  
Notes:

**Type:****G**

LAI26-274992

**JSF SWW5 5IN\_7IN Series****Juno SlimForm™ LED with Selectable CCT**

5" and 7" Round Downlight for JBox Installation

**JSF Series****Dimensions**

Project:

Fixture Type:

Location:

Contact/Phone:

**Product Features**

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 5" and 7" sizes. Optional finish trims available for custom, designer look similar to standard recessed downlights. Provides general illumination in residential and commercial applications including multi-family and hospitality. Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas and much more.

With the newly added selectable CCT switch, the JSF gives the ultimate in flexibility for both the distributor as well as the end user.

**Applications**

- Suitable for wet locations (indoor covered ceilings): perfect for closets, showers, bathrooms, outdoor soffits, and covered ceiling applications.
- Residential and Light Commercial applications including multi-family and hospitality
- Ideal for use in corridors, foyers, living spaces, closets, hallways, pantries, stairways and much more
- Installs directly into industry standard junction boxes
- Suitable for use within closet storage spaces when installed per NEC requirements. Junction box sizes vary - Verify compatibility with fixture prior to installation

**Performance**

Delivered Lumens	JSF 5IN = 791L - 854L JSF 7IN = 1182L - 1324L
Led Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
CRI	90+
Voltage	Dedicated 120V and MVOLT (120V-277V)
Dimming	Phase Dimming down to 10%. 0-10V and phase dimming available.

**Specifications**

	Width	Depth
JSF 5IN	5.25 (13.34)	0.75 (1.91)
<b>JSF 7IN</b>	<b>7.77 (19.74)</b>	<b>0.75 (1.91)</b>

All dimensions are in Inches (centimeters unless otherwise indicated).

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

JSF 7IN 10LM SWW5 90CRI MVOLT  
ZT WH  
Notes:

**Type:****G**

LAI26-274992

**JSF SWW5 5IN\_7IN Series****Juno SlimForm™ LED  
with Selectable CCT**

5" and 7" Round Downlight for JBox Installation

**JSF****ORDERING INFORMATION****SlimForm LED Downlight**

Example: JSF 5IN 07LM SWW5 90CRI 120 FRPC WH

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish <sup>1</sup>
JSF SlimForm Surface Mount Downlight - Round	5IN 07LM 5", 791-854 Lumens	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI	120 FRPC Dedicated 120V, Forward Reverse Phase Dimming	WH White
	7IN 10LM 7", 1182-1324 Lumens			MVOLT ZT Universal Voltage 120V-277V, 0-10V Dimming	WH LGL <sup>2</sup> White Low Glare Lens BL LGL <sup>2</sup> Black Low Glare Lens BZ LGL <sup>2</sup> Bronze Low Glare Lens SN LGL <sup>2</sup> Satin Nickel Low Glare Lens

**Note:**

- 1 Trim Accessories must be ordered separately with white finish only. Not available with LGL option.
- 2 Trim finishes with LGL option ship complete. See Accessories if ordering without LGL.

**ACCESSORIES<sup>1</sup>**

TRIM – Optional, field installable finish trim rings available to change the exterior finish of fixture.

Example: JSFTRIM 5IN BZ

Series	Size	Finish
JSFTRIM SlimForm Accessory Trim	5IN 5 inches	WH White
	7IN 7 inches	BL Black
		BZ Bronze
		SN* Satin Nickel

**BLACK****BRONZE****SATIN NICKEL****Note:**

\* SN not available for 5IN

**REMOTE EMERGENCY IOTA INVERTERS  
FOR FIELD INSTALLATION**

Inverter Part Number	Description
IIS 25 I	Emergency Inverter, 25W output
IIS 50 I	Emergency Inverter, 50W output
IIS 35 HE	Emergency Inverter, 35W output, High Efficiency (meets CA T20 efficiency requirement)

Must be ordered on a separate line. For Emergency Battery related questions contact us at  
techsupport@iotengineering.com



One Lithonia Way • Conyers, GA 30012 • Phone 1-800-705-SERV (7378) • TechSupportLighting@Acuitybrands.com • Visit us at [www.acuitybrands.com](http://www.acuitybrands.com)

Printed in U.S.A. © 2023-2025 Acuity Brands Lighting, Inc. Rev. 03/19/25

Light Commercial & Residential

2 of 7

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

JSF 7IN 10LM SWW5 90CRI MVOLT  
ZT WH  
Notes:

**Type:**

**G**

LAI26-274992

**JSF SWW5 5IN\_7IN Series**



## Juno SlimForm™ LED with Selectable CCT

5" and 7" Round Downlight for JBox Installation



**JSF**

### Specifications

#### Construction

Shallow, less than 1", solid ring with white finish • Non conductive construction allows for light shower applications • Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture

#### Optics

Light guide technology combined with diffusing lens conceals the LEDs from direct view and provides uniform lens luminance.

#### LED Light Engine

LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • Selectable CCT with steps at 27K, 30K, 35K, 40K, 50K • LEDs binned for 4-step MacAdam ellipse color consistency • 90 CRI minimum.

#### LED Driver

Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • External driver is only available on 5" and 7" models • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

#### Installation

##### Junction Box Mounting

Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes • Compatible junction boxes include 4" metal standard and IC1JB junction box housing (3 1/2" junction box screw-hole spacing required for installation) • Minimum 1 3/4" depth and minimum 3 1/2" width of junction box required for installation for 5" and 7" fixtures • Quick mount bracket provides fast installation of fully assembled fixture to junction box • Suitable for ceiling mount • Suitable for use within closet storage spaces when installed per NEC requirements. Junction box sizes vary - Verify compatibility with fixture prior to installation

#### Life

Rated for 50,000 hours at >70% lumen maintenance.

#### Labels

Certified to the high efficacy requirements of California T24 JA8-2019 • CSA listed for US and Canada • Suitable for wet locations (covered ceilings).

#### Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

#### Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](#)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

### ELECTRICAL DATA

#### Dedicated 120V Only Driver Option (120 FRPC)

	5IN 07LM	7IN 10LM
Input Power	9.2W (+/-5)	12.3W (+/-5)
Input Current	0.08A	0.10A
Frequency	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C	-20°C

#### Universal Voltage MVOLT ZT

	5IN 07LM		7IN 10LM	
	120V	277V	120V	277V
Input Power	9.2W (+/-5)	9.2W (+/-5)	12.3W (+/-5)	12.3W (+/-5)
Input Current	0.08A	0.03A	0.10A	0.04A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)			
Minimum Starting Temp	-20°C	-20°C	-20°C	-20°C

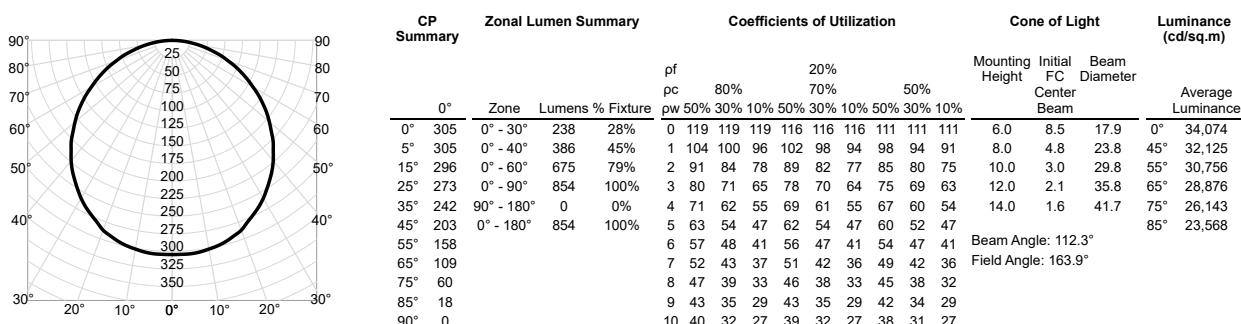
**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C.

**JSF SWW5 5IN\_7IN Series**
**Juno SlimForm™ LED**  
**with Selectable CCT**

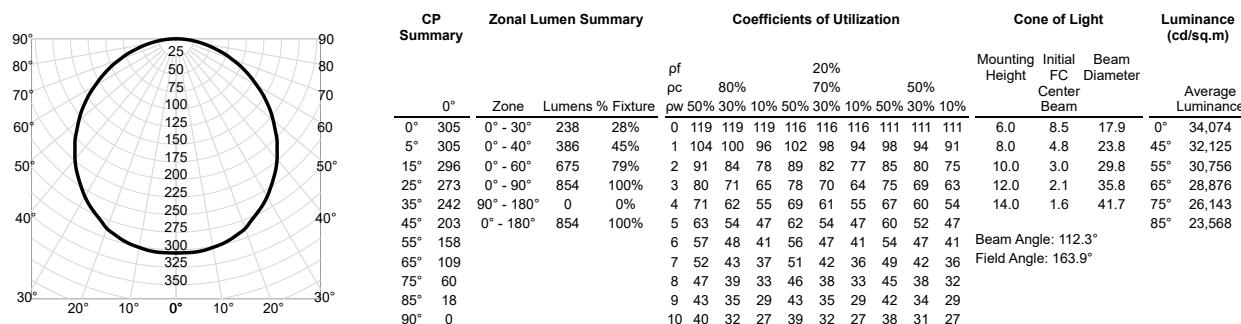
5" and 7" Round Downlight for JBox Installation

**JSF****PHOTOMETRICS**

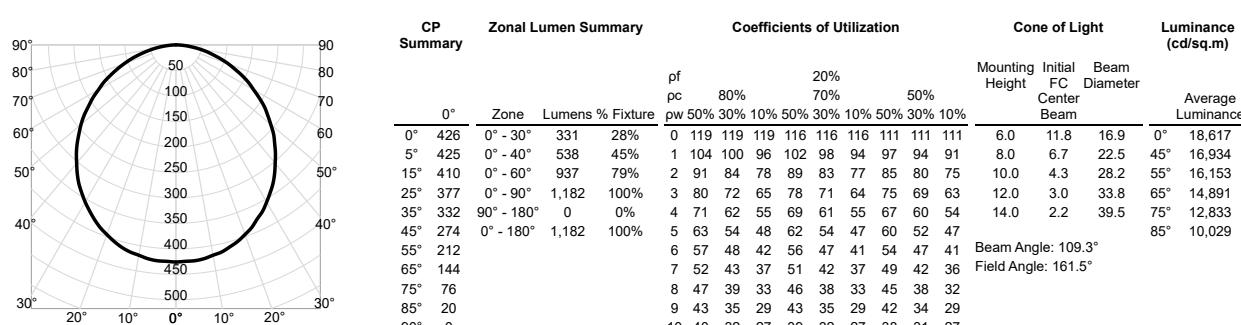
JSF 5IN 07LM SWW5 - 40K Input Watts: 9.1, Delivered Lumens: 854, LPW: 93.8, S/MH: 1.25, Test No: ISF 231051P4



JSF 5IN 07LM SWW5 - 50K Input Watts: 9.2, Delivered Lumens: 854, LPW: 92.8, S/MH: 1.25, Test No: ISF 231051P5



JSF 7IN 10LM SWW5 - 27K Input Watts: 12.0, Delivered Lumens: 1182, LPW: 98.5, S/MH: 1.24, Test No: ISF 23588P1

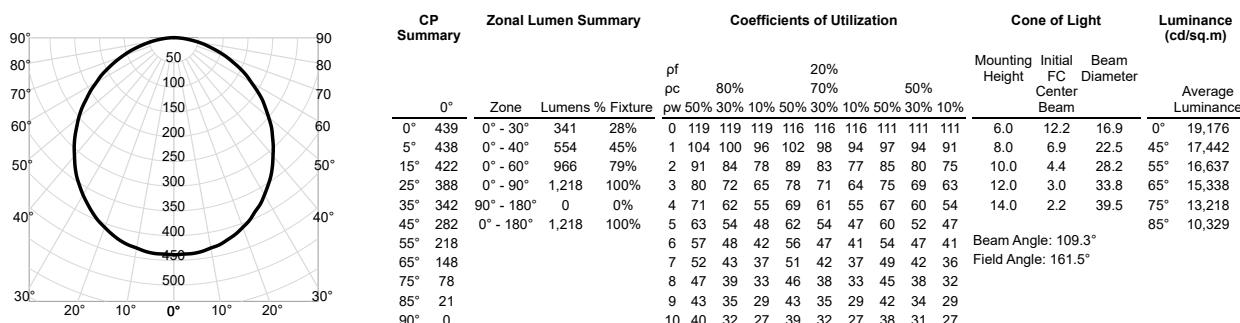


**JSF SWW5 5IN\_7IN Series**
**Juno SlimForm™ LED**  
**with Selectable CCT**

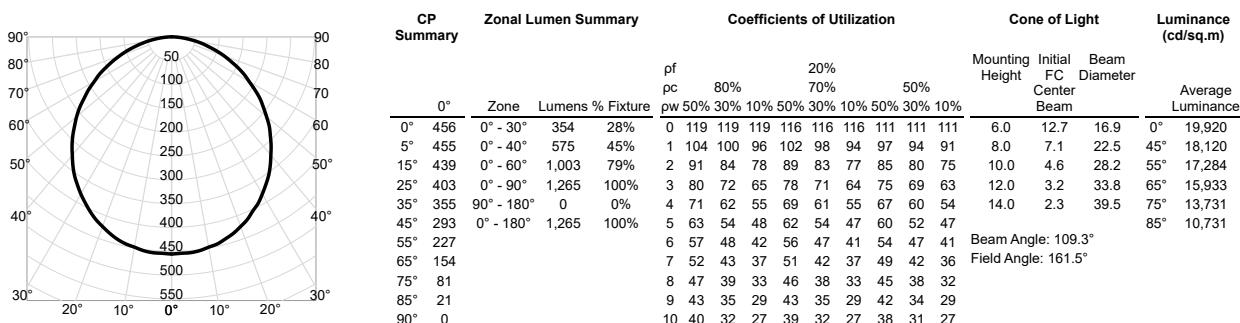
5" and 7" Round Downlight for JBox Installation

**JSF****PHOTOMETRICS**

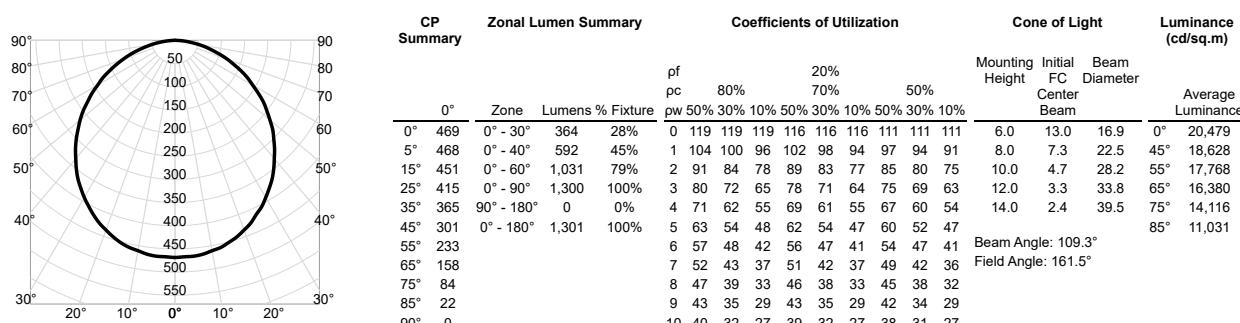
JSF 7IN 10LM SWW5 - 30K Input Watts: 12.3, Delivered Lumens: 1218, LPW: 99.0, S/MH: 1.24, Test No: ISF 23588P2



JSF 7IN 10LM SWW5 - 35K Input Watts: 12.1, Delivered Lumens: 1265, LPW: 104.5, S/MH: 1.24, Test No: ISF 23588P3



JSF 7IN 10LM SWW5 - 40K Input Watts: 12.2, Delivered Lumens: 1301, LPW: 106.6, S/MH: 1.24, Test No: ISF 23588P4

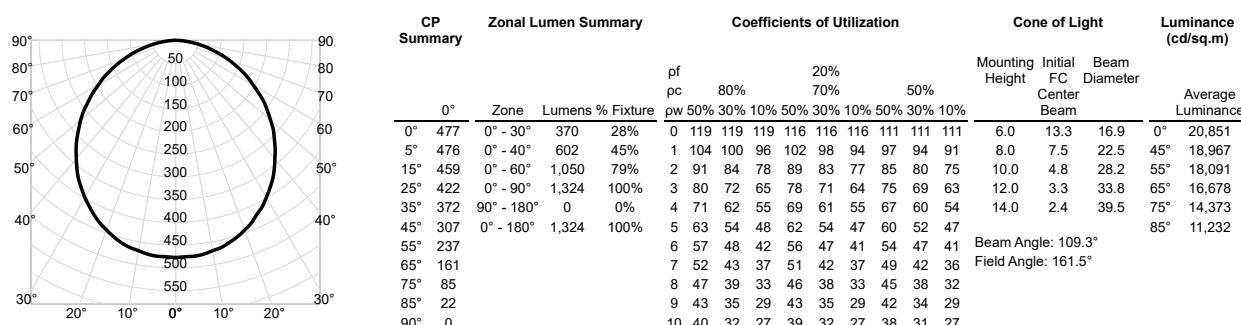


**JSF SWW5 5IN\_7IN Series**
**Juno SlimForm™ LED  
with Selectable CCT**

5" and 7" Round Downlight for JBox Installation

**JSF****PHOTOMETRICS**

JSF 7IN 10LM SWW5 - 50K Input Watts: 12.3, Delivered Lumens: 1324, LPW: 107.6, S/MH: 1.24, Test No: ISF 23588P5



# CUMBERLAND

## Indoor Pendant

### GENERAL SPECIFICATION

**LED:** High efficiency mid-power LEDs are field serviceable. Universal voltage.

**LED Dimming:** Standard 1% 0-10V dimming with LED lamping option.

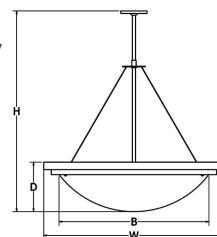
**Body:** GL-2040-2043 ring spun in 18ga steel or .050 aluminum. Closed body with LED lamping.

**Canopy:** Low profile. May be mounted on flat or sloped ceilings up to 40°.

**Acrylic:** Seamless acrylic is UL-94 HB Flame Class rated.

**Finish:** Highly durable oven cured no VOC premium powder coat.

**Surge Protection:** External surge protector provided as standard.



9777 Reavis Park Drive

St. Louis, MO 63123

800.331.2425 or 314.631.6000

sales@glighting.com www.glighting.com



### SAMPLE CATALOG NUMBER:

GL-2042-

L95-

S-

**Please Confirm Finish**

NSN-

1-

A-

038

MODEL NO.	LAMPING	ACRYLIC	FINISH	HANGER	OPTION(S)	OVERALL HEIGHT
<b>GL-2040</b> 14lbs B in 18" mm 460 6 kg W in 24" mm 610 D in 8" mm 200 H in 29" mm 740	IN3.3MED L50.5LED30 L55.5LED35 L54.5LED40	Standard: S. Satin White Optional: W. White Opal	Standard: Powder Coat BLK-Black BL-Blue GR-Gray LG-Light Gray BE-Beige PAB-Antique Brass PA-Painted Aluminum PTC-Painted Copper WH-White DBZ-Dark Bronze NSN-New Satin Nickel BRN-Brown RD-Red CH-Champagne RG-Reed Green SG-Sungold GM-Gun Metal POR-Oil Rubbed Bronze PG-Pine Green DO-Deep Orange PV-Purple Violet NB-Navy Blue	1. Stem	A. No Options F1. Add Finial	Standard overall height shown by model no.
<b>GL-2041</b> 21lbs B in 24" mm 610 10 kg W in 30" mm 765 D in 9" mm 230 H in 34" mm 865	IN3.3MED L60.6LED30 L65.6LED35 L64.6LED40	Acrylic is UL-94 HB Flame Class rated.	2. Cable	F2. Add Finial	B. Damp Location Available in powder coat or Satin Aluminum finish.	For custom overall height, specify in inches.
<b>GL-2042</b> 29lbs B in 30" mm 760 13kg W in 36" mm 915 D in 10" mm 255 H in 38" mm 965	IN6.6MED L90.9LED30 L95.9LED35 L94.9LED40		3. Arms	EL. Emergency LED Remote mount up to 10' from lamping in controlled environment with an area temperature range of 32°-131°F. LED only.	W. White Opal Top Lens INC only	
<b>GL-2043</b> 37lbs B in 38" mm 965 17kg W in 44" mm 1120 D in 11 1/2" mm 290 H in 42" mm 1070	IN6.6MED L120.12LED30 L125.12LED35 L124.12LED40	38" available in Satin Aluminum and powder coat finish only	4. Stem Cluster	C. Clear Top Lens INC only	P. Perforated Top Lens INC only	Multi-circuiting available upon request.

Fixtures over 50 lbs require reinforced junction box  
All dimensions are nominal.

### Lamp Definition

Code	Lamp	Type	Lamp Base	Code	Total Wattage	Kelvin	Delivered Lumens
IN3, IN6	Med	A-19	Medium 120V	L60	87	3000	10544
Code	Total Wattage	Kelvin	Delivered Lumens	L65	87	3500	10544
L50	71	3000	8971	L64	87	4000	10544
L55	71	3500	8971	L90	130	3000	16400
L54	71	4000	8971	L95	130	3500	16400
Contact factory for availability of other lamp configurations.				L120	177	3000	21794
				L125	177	3500	21794
				L124	177	4000	21794
				Universal Voltage unless otherwise specified.			

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

LBR6 NCH ALO3 SWW1 AR LSS  
MWD MVOLT UGZ1

Notes:

**Type:**

K

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — New Construction.

Optional goof rings available for additional overlap trim coverage.

1/2"-1-1/2" ceiling thickness

25° ambient temperature

IC rated up to 1000lm

**OPTICS** — LEDs are binned to a 3-step MacAdam Ellipse, 55° cutoff

New construction frame approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

80CRI standard (90CRI optional)

**UGR** — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117-1996

Discomfort Glare in Interior Lighting. [UGR FAQ](#)

**ELECTRICAL** — Adjustable lumen output with four module options. Fixed lumen options also available.

MVOLT 120/277V 50/60Hz driver (0-10V & 120V Phase Dimming to 10% or 1% min dimming level)

FCC CFR Title 47 Part 15 Class A for 277V. FCC CFR Title 47 Part 15 Class B for 120V.

**LUMEN MAINTENANCE** — L80 at 60,000 hours

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (Wet Location (WL) optional, requires covered ceiling). Some configurations are ENERGY STAR® certified, please visit [www.energystar.gov](#) for specific products. TAA compliant. UFC (3-530-01) specification compliant for power factor and THD. GSA P100 6.2.4 compliant for power quality at full output; compliant up to 2000lm at fully dimmed output. Drivers are ROHS compliant

Title 24 compliant (90CRI, up to 1000lm).

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](#)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

**PERFORMANCE DATA**

LBR6 AR LSS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW						
AL01 (500LM)	6	571	99	585	101	599	103	617	105
AL01 (750LM)	9	905	102	926	103	948	105	977	108
AL01 (1000LM)	13	1270	98	1300	100	1330	102	1372	104
AL02 (1000LM)	13	1346	108	1378	110	1410	112	1454	115
AL02 (1500LM)	19	1965	105	2011	107	2059	109	2123	111
AL02 (2000LM)	25	2476	100	2533	101	2593	103	2674	106
AL03 (2000LM)	25	2547	103	2606	105	2668	107	2751	109
AL03 (2500LM)	32	3075	98	3146	100	3221	101	3321	104
AL03 (3000LM)	38	3492	93	3573	95	3658	96	3771	99
AL04 (4000LM)	39	4180	107	4265	109	4350	112	4393	113
AL04 (4500LM)	44	4613	105	4707	107	4801	109	4848	110
AL04 (5000LM)	49	5017	102	5119	104	5221	107	5273	108

LBR6 MS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW						
AL01 (500LM)	6	480	99	584	101	597	102	616	105
AL01 (750LM)	9	760	102	924	103	946	105	975	108
AL01 (1000LM)	13	1067	98	1297	100	1328	102	1369	104
AL02 (1000LM)	13	1131	108	1375	110	1408	112	1451	115
AL02 (1500LM)	19	1651	105	2007	106	2055	108	2118	111
AL02 (2000LM)	25	2079	99	2528	101	2588	103	2668	105
AL03 (2000LM)	25	2139	103	2601	104	2663	106	2745	109
AL03 (2500LM)	32	2583	98	3140	99	3214	101	3314	103
AL03 (3000LM)	38	2933	93	3566	94	3651	96	3764	98
AL04 (4000LM)	39	3511	90	3583	92	3654	94	3690	95
AL04 (4500LM)	44	3875	88	3954	90	4033	92	4072	93
AL04 (5000LM)	49	4214	86	4300	88	4386	90	4429	90

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical

Catalog Number

Notes

Type

**LBR6 NCH**

6" Open and Wallwash LED  
New Construction Downlight



New Construction



Open Trim



Wallwash Trim



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](#).

\*See ordering tree for details



Submitted by Lighting Associates, Inc.	<b>Catalog Number:</b> LBR6 NCH ALO3 SWW1 AR LSS MWD MVOLT UGZ1 Notes:	Type: <b>K</b> LAI26-274992
 <b>Lighting</b> Associates inc	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	

**LBR6 NCH**



Design Select options indicated by this color background.

## Module ordering

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** LBR6 NCH AL02 SWW1 AR LSS MWD MVOLT UGZ 90CRI

Distribution		Voltage	Driver	Emergency ‡	Control Input ‡	Options	
MWD	Medium wide (1.0 s/mh)	MVOLT	UGZ	Universal dimming to 10% 0-10V; line voltage dimming (120V)	(blank) No Emergency Needed	(blank) No Control Input Needed	
WD	Wide (1.2s/mh)	120	UGZ1	Universal dimming to 1% 0-10V; line voltage dimming (120V)	ELK	Battery pack (10W constant power) Non-T20 Compliant remote test switch	
WW ‡	Wallwash	277	DALI ‡	DALI dimming to 1%	ETS	Iota Emergency Transfer System	
		347	D1	Minimum dimming 1% driver for use with JOT	E10WCP	Battery pack (10W constant power) Non-T20 Compliant integral test switch	
				E10WPCR	Battery pack (10W constant power) T20 Compliant remote test switch	NLIGHT	Wireless room control with "Just One Touch" pairing
				E10WRSTAR	Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLIGHTER	Embedded wired controls from nLight
						NLTAIR2	Embedded wired controls from nLight with UL924 listed emergency operation
						NLTairem2	nLight® Air enabled
							nLight® AIR Dimming Pack
							Wireless Controls. UL924
							Emergency Operation, via power interrupt detection.
						QDS ‡	Quick disconnect plugs
						CP ‡	Chicago Plenum
						90CRI	High CRI (90+)
						AT ‡	Airtight
						EC1 ‡	Extended Conduit (18")
						EC6 ‡	Extended Conduit (6ft)
						WL ‡	Wet Location (IP55)

**NOTE:** ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart below.

## † Option Value Ordering Restrictions

Options	Restriction
Adjustable Lumens/CCT	Adjustable Lumen Output and Switchable CCT must be specified together (for example: AL01 SWW1)
Fixed Lumens/CCT	Fixed Lumen Output and Fixed CCT must be specified together (for example: 10LM 30K)
WW	Not available with WL, EL, E10WCP.
MS, WR, BR	Not available with LSS reflector finish
WR	Not available with TRW
BR	Not available with TRBL
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the <a href="#">RAL BROCHURE</a> for available color options. Not available with TCPc or FCPC.
TCPc, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click <a href="#">HERE</a> for more details. Not available with TCPc or FCPC.
TRW, TRBL	Available with MS and AR reflectors only.
LSS	Not available with BR or WR or MS
347V	Not available with CP, QDS, ELR, E10WCP, E10WCPR, NLIGHT, NLIGHTER, NLTAIR2, or NLTAIREM2
DALI	Not available with fixed lumens or CCT. Max 4500 lumens.
E10WCPR	Not available with EC1, EC6, AT, QDS, CP, 347V, NLIGHTER, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WCP	Not available with WW, EC1, EC6, AT, QDS, CP, 347V, NLIGHTER, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NLIGHTER, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch
ELR	Not available EC1, EC6, QDS, CP, 347V, NLIGHTER, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
ETS	Not available with QDS, ELR, E10WCP, 347V, JOT, NLIGHT, NLIGHTER, NLTAIR2, NLTAIREM2, DALI, or D1 driver
JOT	Only available with D1 driver. Not available with CP, NLIGHT, NLIGHTER, NLTAIR2, NLTAIREM2, UGZ, or DALI drivers. Max 4500 lumens. Fixed lumens and CCT only. Not available with 2000-4500lm in conjunction with emergency battery packs.
NLIGHT	Must specify UG21. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. Not available with 347V.
NLIGHTER	Must specify UG21. Not available with CP, QDS, ELR, E10WCP, E10WPCR, DALI, or D1 drivers. Not available with 347V.
NLTAIR2	Must specify UG21. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. See UL 924 Sequence of Operation table. Non-emergency luminaires with this option can be used as a normal power sensing device for nLight A/R devices and luminaires with EM emergency options.
NLTAIREM2	Must specify UG21. Not available with CP, QDS, JOT, ETS, ELR, E10WCP, E10WPCR, DALI, D1 drivers. See UL 924 Sequence of Operation table.
WL	Not available with WW, All CP is wet location, except WW (Damp). IP55 rated. Not available with E10WCP
QDS	Must be specified for use with LBR_PFWODS. Not Available with CP, emergency options, or 347V.
EC1, EC6	Not Available with CP, QDS, ELR, E10WCP or E10WPCR.
AT	Standard for CP and IP55, not available with WW. Not available with E10WCP
CP	Not available with QDS, EC1, EC6, ELR, E10WCP, 347V, JOT, NLTAIR2, NLTAIREM2, D1 drivers. For new construction applications, must be specified with LBR_PFWCP.

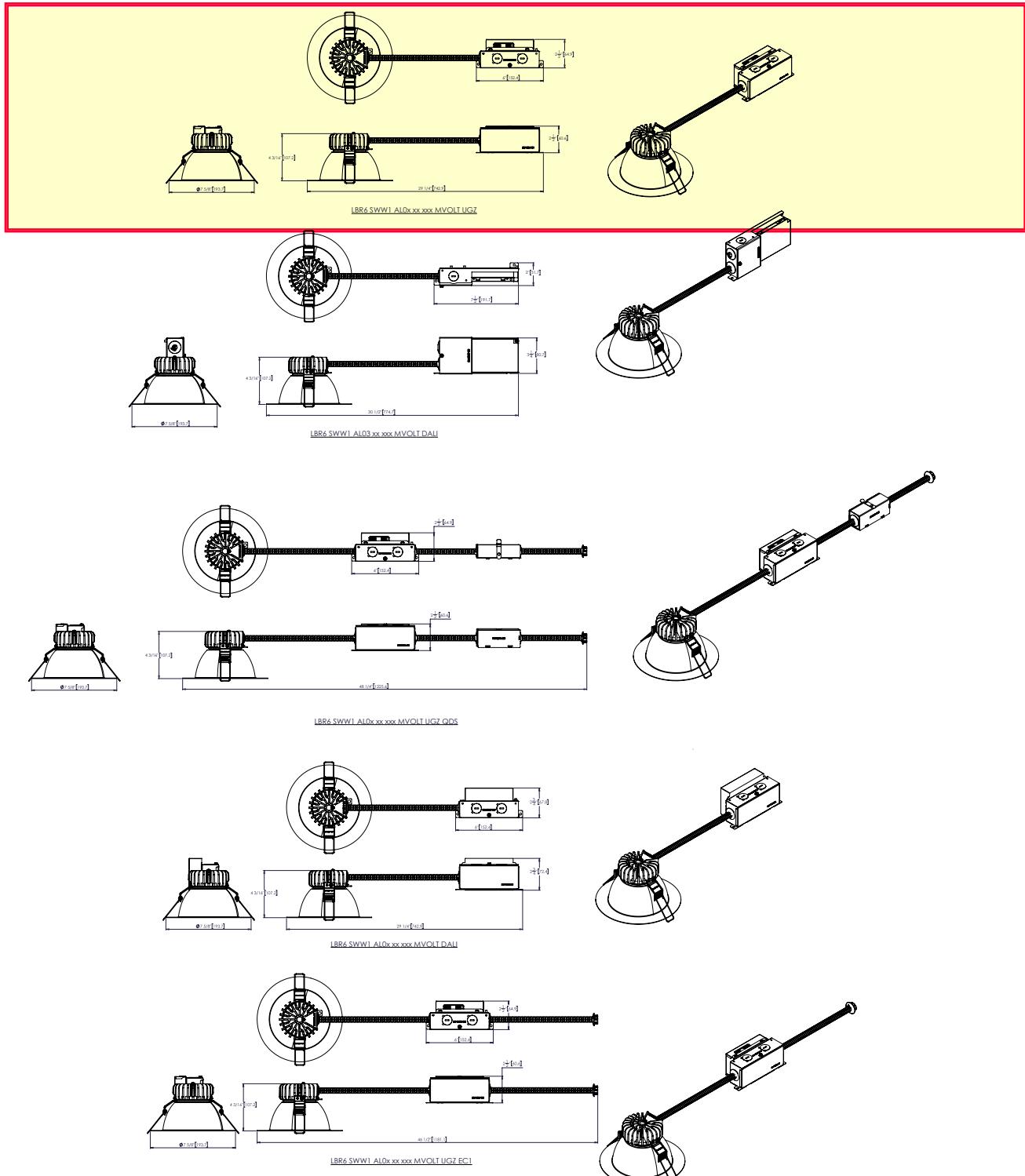


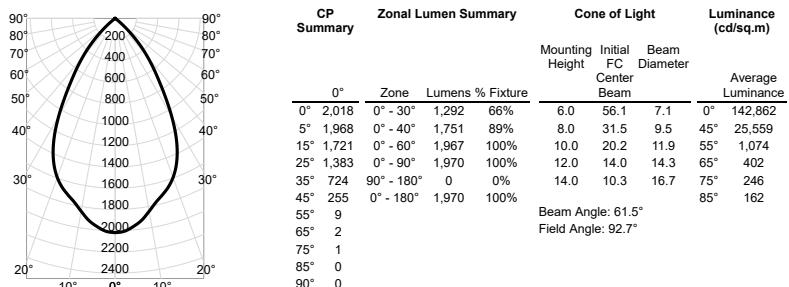
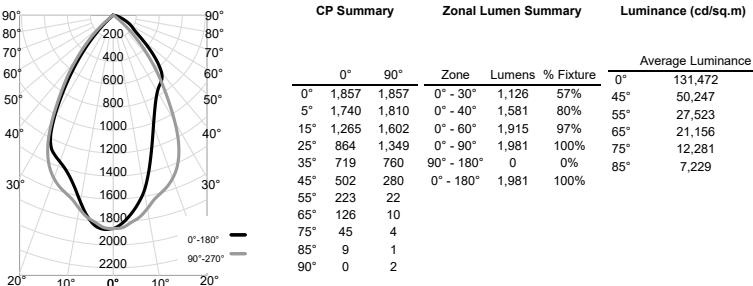
---

IBR6 NCH

**LBR6 NCH**

\* All dimensions are inches (millimeters) unless otherwise noted.



**LBR6 NCH****PHOTOMETRY****Distribution Curve****Distribution Data****Output Data****Illuminance Data at 30" Above Floor for a Single Luminaire**
**LBR6 SWW1 ALO2 AR LSS MWD MVOLT UGZ**, Input Watts: 18.1, Delivered Lumens: 1970, LPW: 108.8, S/MH: 0.94, Test No: 20-518-03

**LBR6WW SWW1 ALO2 AR LSS WW**, Input Watts: 18.7, Delivered Lumens: 1981, LPW: 105.9, S/MH: 0.67, Test No: 20-518-A1
**LUMEN OUTPUT MULTIPLIERS - CCT**

3000K	3500K	4000K	5000K
0.98	1.0	1.01	1.03

**HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE**

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times LPW$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at [Desiglight Consortium](#).

**LUMEN OUTPUT MULTIPLIERS - FINISH**

Clear Semi-spec (AR LSS)	1.0
Metallic Silver (MS)	0.84
White Painted (WR)	1.03
Black Painted (BR)	0.60

**LUMEN OUTPUT MULTIPLIERS - CRI**

80	1.0
90	0.874

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

LDN6CYL 35/30 LO6 AR LSS  
MVOLT GZ1 ACC \*FINISH\*

**Type:**

**L1**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — Heavy-gauge aluminum housing.

Ceiling mount for direct installation to 4" octagonal or square junction box.

Pendant mount entry for 3/8" National Pipe Thread stem; wires supplied by others.

Textured polyester powder paint finish standard.

Multiple ceiling, pendant, cord, and wall mount options available.

**OPTICS** — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available. 347V available option; transformer must be field-installed to an accessible remote-mounted junction box.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional).

**GOUVERNEMENT PROCUREMENT** — BAA — Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog  
Number

Notes

Type

# LDN6CYL

6" CYLINDER  
Non-IC



Design Select options indicated  
by this color background.

**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** LDN6CYL 35/15 LO6AR LSS MVOLT EZ1 FCM DWHG

LDN6CYL	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage	Driver <sup>2</sup>
LDN6CYL 6" cylinder	27/ 2700K	05 500 lumens	LO6 Downlight	AR Clear	LSS Semi-specular	MVOLT Multi-volt
	30/ 3000K	07 750 lumens	LW6 <sup>1</sup> Wallwash	WR <sup>2</sup> White	LD Matte diffuse	120 120V
	35/ 3500K	10 1000 lumens		BR <sup>2</sup> Black	LS Specular	277 277V
	40/ 4000K	15 1500 lumens				
	50/ 5000K	20 2000 lumens				
		25 2500 lumens				
		30 3000 lumens				
		40 4000 lumens				
		50 5000 lumens				

**Please Confirm Finish**

Mounting	Options <sup>6</sup>	Architectural Colors <sup>10,11</sup>
FCM Ceiling mount	SF <sup>6</sup> Single fuse	DWHG Matte white
WM Wall mount	NPP16D <sup>7,8</sup> nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, GZ1).	DDB Dark bronze
PM <sup>4</sup> Pendant 3/8" thread mount	NPP16DER <sup>7,8</sup> nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, GZ1). ER controls fixtures on emergency circuit.	DBL Black
ACC <sup>5</sup> 10ft aircraft cable and cord mount	NPS80EZ <sup>7,8</sup> nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	DWH Glossy white
ACC180 <sup>5</sup> 15ft aircraft cable and cord mount	NPS80EZER <sup>7,8</sup> nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	DMB Medium bronze
	90CRI High CRI (90+)	DNA Natural aluminum
	WL <sup>9</sup> Wet location	

**Notes**

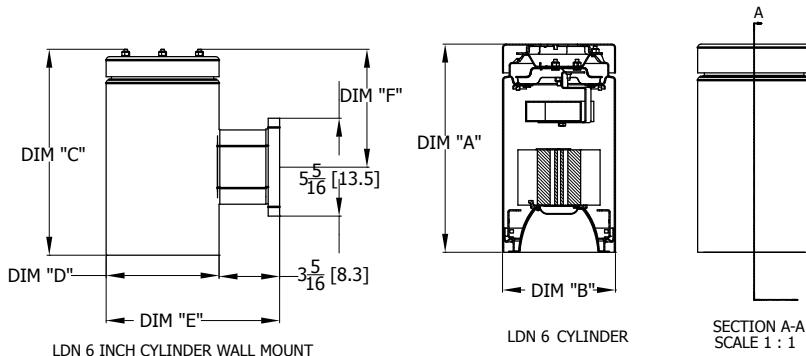
- 1 Not available in ACC mount.
- 2 Not available with finishes.
- 3 Refer to TECH-240 for compatible dimmers.
- 4 Supplied with 10ft supply and dimming connections.
- 5 White cord supplied with white housings. All other finishes supplied with black cord.
- 6 Must specify voltage 120V or 277V.

- 7 Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- 8 Interface remote mounted. Access panel (supplied by others) recommended.
- 9 Not available with ACC & ACC180 mounting options.
- 10 Additional architectural colors available; see [www.lithonia.com/archcolors](http://www.lithonia.com/archcolors).

- 11 Color and length of stem must be specified (from 6" to 240" in even increments in maximum sections of 48"). Ex.: CYS06 DWHG. Ceiling attachment for interior use. Consult factory for exterior.
- 12 Must be field-installed to an accessible remote-mounted junction box.

**LDN6CYL**

\* All dimensions are inches (centimeters) unless otherwise noted.

**DIMENSION TABLE**

LUMEN OUTPUT	STYLE	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
500-3000 LM	CEILING MOUNT (FCM)	11 5/16	8 1/8				
500-3000 LM	CEILING MOUNT WET LOCATION (FCM WL)	11 5/16	8 1/8				
500-3000 LM	PENDANT MOUNT (PM)	10 1/2	8 1/8				
500-3000 LM	PENDANT MOUNT WET LOCATION (PM WL)	11 1/2	8 1/8				
<b>500-3000 LM</b>	<b>CABLE MOUNT (ACC)</b>	<b>10 5/16</b>	<b>8 1/8</b>				
500-3000 LM	WALL MOUNT (WM)			10 1/16	8 1/8	11 1/2	6 3/8
500-3000 LM	WALL MOUNT WET LOCATION (WM WL)			11 3/16	8 1/8	11 1/2	6 3/8
4000-5000 LM	CEILING MOUNT (FCM)	11 3/8	10 1/4				
4000-5000 LM	CEILING MOUNT WET LOCATION (FCM WL)	11 3/8	10 1/4				
4000-5000 LM	PENDANT MOUNT (PM)	10 3/4	10 1/4				
4000-5000 LM	PENDANT MOUNT WET LOCATION (PM WL)	11 1/2	10 1/4				
4000-5000 LM	CABLE MOUNT (ACC)	10 3/8	10 1/4				
4000-5000 LM	WALL MOUNT (WM)			10 1/16	10 1/4	13 1/2	6 3/8
4000-5000 LM	WALL MOUNT WET LOCATION (WM WL)			11 3/16	10 1/4	13 1/2	6 3/8

**LUMEN OUTPUT MULTIPLIERS - FINISH**

	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
<b>Semi-specular (LSS)</b>	<b>0.950</b>	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

**LUMEN OUTPUT MULTIPLIERS - CCT**

	2700K	3000K	3500K	4000K	5000K
<b>80CRI</b>	0.950	0.966	<b>1.000</b>	1.025	1.101

**LDN6CYL**

Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
<b>3000</b>	<b>3021</b>	<b>34.8</b>	<b>86.9</b>
4000	4008	44.3	90.6
5000	4975	57.7	86.3

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

LDN6CYL 35/30 LO6 AR LSS  
MVOLT GZ1 ACC \*FINISH\*

**Type:**

**L2**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — Heavy-gauge aluminum housing.

Ceiling mount for direct installation to 4" octagonal or square junction box.

Pendant mount entry for 3/8" National Pipe Thread stem; wires supplied by others.

Textured polyester powder paint finish standard.

Multiple ceiling, pendant, cord, and wall mount options available.

**OPTICS** — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available. 347V available option; transformer must be field-installed to an accessible remote-mounted junction box.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional).

**GOUVERNEMENT PROCUREMENT** — BAA — Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

# LDN6CYL



**6" CYLINDER**  
Non-IC



DIMMABLE



Design Select options indicated  
by this color background.

**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** LDN6CYL 35/15 LO6AR LSS MVOLT EZ1 FCM DWHG

LDN6CYL	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage	Driver <sup>2</sup>
LDN6CYL 6" cylinder	27/ 2700K	05 500 lumens	LO6 Downlight	AR Clear	LSS Semi-specular	MVOLT Multi-volt
	30/ 3000K	07 750 lumens	LW6 <sup>1</sup> Wallwash	WR <sup>2</sup> White	LD Matte diffuse	120 120V
	35/ 3500K	10 1000 lumens		BR <sup>2</sup> Black	LS Specular	277 277V
	40/ 4000K	15 1500 lumens				
	50/ 5000K	20 2000 lumens				
		25 2500 lumens				
		30 3000 lumens				
		40 4000 lumens				
		50 5000 lumens				

**Please Confirm Finish**

Mounting	Options <sup>6</sup>	Architectural Colors <sup>10,11</sup>
FCM Ceiling mount	SF <sup>6</sup> Single fuse	DWHG Matte white
WM Wall mount	NPP16D <sup>7,8</sup> nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, GZ1).	DDB Dark bronze
PM <sup>4</sup> Pendant 3/8" thread mount	NPP16DER <sup>7,8</sup> nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, GZ1). ER controls fixtures on emergency circuit.	DBL Black
ACC <sup>5</sup> 10ft aircraft cable and cord mount	NPS80EZ <sup>7,8</sup> nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	DWH Glossy white
ACC180 <sup>5</sup> 15ft aircraft cable and cord mount	NPS80EZER <sup>7,8</sup> nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	DMB Medium bronze
	90CRI High CRI (90+)	DNA Natural aluminum
	WL <sup>9</sup> Wet location	

**Notes**

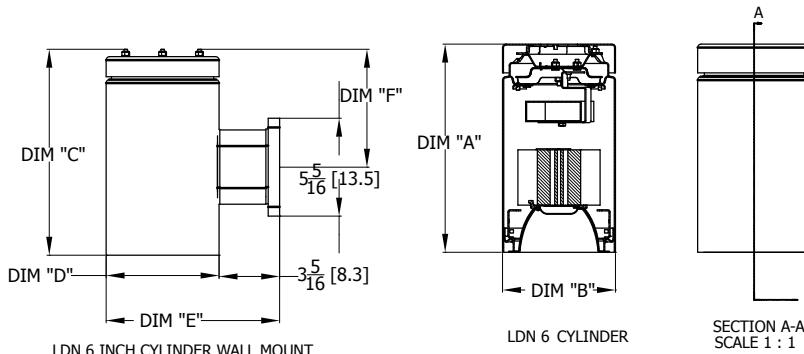
- 1 Not available in ACC mount.
- 2 Not available with finishes.
- 3 Refer to TECH-240 for compatible dimmers.
- 4 Supplied with 10ft supply and dimming connections.
- 5 White cord supplied with white housings. All other finishes supplied with black cord.
- 6 Must specify voltage 120V or 277V.

- 7 Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- 8 Interface remote mounted. Access panel (supplied by others) recommended.
- 9 Not available with ACC & ACC180 mounting options.
- 10 Additional architectural colors available; see [www.lithonia.com/archcolors](http://www.lithonia.com/archcolors).

- 11 Color and length of stem must be specified (from 6" to 240" in even increments in maximum sections of 48"). Ex.: CYS06 DWHG. Ceiling attachment for interior use. Consult factory for exterior.
- 12 Must be field-installed to an accessible remote-mounted junction box.

**LDN6CYL**

\* All dimensions are inches (centimeters) unless otherwise noted.

**DIMENSION TABLE**

LUMEN OUTPUT	STYLE	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
500-3000 LM	CEILING MOUNT (FCM)	11 5/16	8 1/8				
500-3000 LM	CEILING MOUNT WET LOCATION (FCM WL)	11 5/16	8 1/8				
500-3000 LM	PENDANT MOUNT (PM)	10 1/2	8 1/8				
500-3000 LM	PENDANT MOUNT WET LOCATION (PM WL)	11 1/2	8 1/8				
<b>500-3000 LM</b>	<b>CABLE MOUNT (ACC)</b>	<b>10 5/16</b>	<b>8 1/8</b>				
500-3000 LM	WALL MOUNT (WM)			10 1/16	8 1/8	11 1/2	6 3/8
500-3000 LM	WALL MOUNT WET LOCATION (WM WL)			11 3/16	8 1/8	11 1/2	6 3/8
4000-5000 LM	CEILING MOUNT (FCM)	11 3/8	10 1/4				
4000-5000 LM	CEILING MOUNT WET LOCATION (FCM WL)	11 3/8	10 1/4				
4000-5000 LM	PENDANT MOUNT (PM)	10 3/4	10 1/4				
4000-5000 LM	PENDANT MOUNT WET LOCATION (PM WL)	11 1/2	10 1/4				
4000-5000 LM	CABLE MOUNT (ACC)	10 3/8	10 1/4				
4000-5000 LM	WALL MOUNT (WM)			10 1/16	10 1/4	13 1/2	6 3/8
4000-5000 LM	WALL MOUNT WET LOCATION (WM WL)			11 3/16	10 1/4	13 1/2	6 3/8

**LUMEN OUTPUT MULTIPLIERS - FINISH**

	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
<b>Semi-specular (LSS)</b>	<b>0.950</b>	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

**LUMEN OUTPUT MULTIPLIERS - CCT**

	2700K	3000K	3500K	4000K	5000K
<b>80CRI</b>	0.950	0.966	<b>1.000</b>	1.025	1.101

**LDN6CYL**

Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
<b>3000</b>	<b>3021</b>	<b>34.8</b>	<b>86.9</b>
4000	4008	44.3	90.6
5000	4975	57.7	86.3

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

LDN6CYL 35/30 LO6 AR LSS  
MVOLT GZ1 ACC \*FINISH\*

**Type:**

**M**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — Heavy-gauge aluminum housing.

Ceiling mount for direct installation to 4" octagonal or square junction box.

Pendant mount entry for 3/8" National Pipe Thread stem; wires supplied by others.

Textured polyester powder paint finish standard.

Multiple ceiling, pendant, cord, and wall mount options available.

**OPTICS** — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available. 347V available option; transformer must be field-installed to an accessible remote-mounted junction box.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional).

**GOUVERNEMENT PROCUREMENT** — BAA — Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

# LDN6CYL



6" CYLINDER  
Non-IC



Design Select options indicated  
by this color background.

**ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** LDN6CYL 35/15 LO6AR LSS MVOLT EZ1 FCM DWHG

LDN6CYL	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage	Driver <sup>2</sup>
LDN6CYL 6" cylinder	27/ 2700K	05 500 lumens	LO6 Downlight	AR Clear	LSS Semi-specular	MVOLT Multi-volt
	30/ 3000K	07 750 lumens	LW6 <sup>1</sup> Wallwash	WR <sup>2</sup> White	LD Matte diffuse	120 120V
	35/ 3500K	10 1000 lumens		BR <sup>2</sup> Black	LS Specular	277 277V
	40/ 4000K	15 1500 lumens				
	50/ 5000K	20 2000 lumens				
		25 2500 lumens				
		30 3000 lumens				
		40 4000 lumens				
		50 5000 lumens				

**Please Confirm Finish**

Mounting	Options <sup>6</sup>	Architectural Colors <sup>10,11</sup>
FCM Ceiling mount	SF <sup>6</sup> Single fuse	DWHG Matte white
WM Wall mount	NPP16D <sup>7,8</sup> nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, GZ1).	DDB Dark bronze
PM <sup>4</sup> Pendant 3/8" thread mount	NPP16DER <sup>7,8</sup> nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (EZ10, GZ1). ER controls fixtures on emergency circuit.	DBL Black
ACC <sup>5</sup> 10ft aircraft cable and cord mount	NPS80EZ <sup>7,8</sup> nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	DWH Glossy white
ACC180 <sup>5</sup> 15ft aircraft cable and cord mount	NPS80EZER <sup>7,8</sup> nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	DMB Medium bronze
	90CRI High CRI (90+)	DNA Natural aluminum
	WL <sup>9</sup> Wet location	

**Notes**

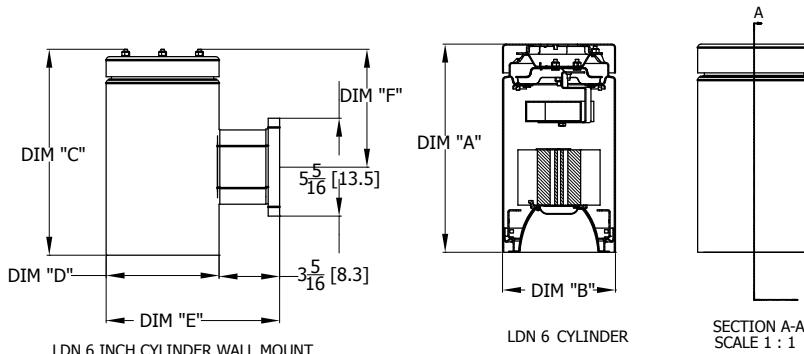
- 1 Not available in ACC mount.
- 2 Not available with finishes.
- 3 Refer to TECH-240 for compatible dimmers.
- 4 Supplied with 10ft supply and dimming connections.
- 5 White cord supplied with white housings. All other finishes supplied with black cord.
- 6 Must specify voltage 120V or 277V.

- 7 Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- 8 Interface remote mounted. Access panel (supplied by others) recommended.
- 9 Not available with ACC & ACC180 mounting options.
- 10 Additional architectural colors available; see [www.lithonia.com/archcolors](http://www.lithonia.com/archcolors).

- 11 Color and length of stem must be specified (from 6" to 240" in even increments in maximum sections of 48"). Ex.: CYS06 DWHG. Ceiling attachment for interior use. Consult factory for exterior.
- 12 Must be field-installed to an accessible remote-mounted junction box.

**LDN6CYL**

\* All dimensions are inches (centimeters) unless otherwise noted.

**DIMENSION TABLE**

LUMEN OUTPUT	STYLE	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
500-3000 LM	CEILING MOUNT (FCM)	11 5/16	8 1/8				
500-3000 LM	CEILING MOUNT WET LOCATION (FCM WL)	11 5/16	8 1/8				
500-3000 LM	PENDANT MOUNT (PM)	10 1/2	8 1/8				
500-3000 LM	PENDANT MOUNT WET LOCATION (PM WL)	11 1/2	8 1/8				
<b>500-3000 LM</b>	<b>CABLE MOUNT (ACC)</b>	<b>10 5/16</b>	<b>8 1/8</b>				
500-3000 LM	WALL MOUNT (WM)			10 1/16	8 1/8	11 1/2	6 3/8
500-3000 LM	WALL MOUNT WET LOCATION (WM WL)			11 3/16	8 1/8	11 1/2	6 3/8
4000-5000 LM	CEILING MOUNT (FCM)	11 3/8	10 1/4				
4000-5000 LM	CEILING MOUNT WET LOCATION (FCM WL)	11 3/8	10 1/4				
4000-5000 LM	PENDANT MOUNT (PM)	10 3/4	10 1/4				
4000-5000 LM	PENDANT MOUNT WET LOCATION (PM WL)	11 1/2	10 1/4				
4000-5000 LM	CABLE MOUNT (ACC)	10 3/8	10 1/4				
4000-5000 LM	WALL MOUNT (WM)			10 1/16	10 1/4	13 1/2	6 3/8
4000-5000 LM	WALL MOUNT WET LOCATION (WM WL)			11 3/16	10 1/4	13 1/2	6 3/8

**LUMEN OUTPUT MULTIPLIERS - FINISH**

	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
<b>Semi-specular (LSS)</b>	<b>0.950</b>	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

**LUMEN OUTPUT MULTIPLIERS - CCT**

	2700K	3000K	3500K	4000K	5000K
<b>80CRI</b>	0.950	0.966	<b>1.000</b>	1.025	1.101

**LDN6CYL**

Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
<b>3000</b>	<b>3021</b>	<b>34.8</b>	<b>86.9</b>
4000	4008	44.3	90.6
5000	4975	57.7	86.3



**Job Name:**  
MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**LBR6WW NCH ALO2 SWW1 AR LSS  
WW MVOLT UGZ1

Notes:

**Type:****N**

LAI26-274992



## FEATURES & SPECIFICATIONS

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — New Construction.

Optional goof rings available for additional overlap trim coverage.

1/2"-1-1/2" ceiling thickness

25° ambient temperature

IC rated up to 1000lm

**OPTICS** — LEDs are binned to a 3-step MacAdam Ellipse, 55° cutoff

New construction frame approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

80CRI standard (90CRI optional)

**UGR** — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117-1996

Discomfort Glare in Interior Lighting. [UGR FAQ](#)

**ELECTRICAL** — Adjustable lumen output with four module options. Fixed lumen options also available.

MVOLT 120/277V 50/60Hz driver (0-10V & 120V Phase Dimming to 10% or 1% min dimming level)

FCC CFR Title 47 Part 15 Class A for 277V. FCC CFR Title 47 Part 15 Class B for 120V.

**LUMEN MAINTENANCE** — L80 at 60,000 hours

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (Wet Location (WL) optional, requires covered ceiling). Some configurations are ENERGY STAR® certified, please visit [www.energystar.gov](#) for specific products. TAA compliant. UFC (3-530-01) specification compliant for power factor and THD. GSA P100 6.2.4 compliant for power quality at full output; compliant up to 2000lm at fully dimmed output. Drivers are ROHS compliant

Title 24 compliant (90CRI, up to 1000lm).

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](#)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

## PERFORMANCE DATA

LBR6 AR LSS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW						
AL01 (500LM)	6	571	99	585	101	599	103	617	105
AL01 (750LM)	9	905	102	926	103	948	105	977	108
AL01 (1000LM)	13	1270	98	1300	100	1330	102	1372	104
AL02 (1000LM)	13	1346	108	1378	110	1410	112	1454	115
AL02 (1500LM)	19	1965	105	2011	107	2059	109	2123	111
AL02 (2000LM)	25	2476	100	2533	101	2593	103	2674	106
AL03 (2000LM)	25	2547	103	2606	105	2668	107	2751	109
AL03 (2500LM)	32	3075	98	3146	100	3221	101	3321	104
AL03 (3000LM)	38	3492	93	3573	95	3658	96	3771	99
AL04 (4000LM)	39	4180	107	4265	109	4350	112	4393	113
AL04 (4500LM)	44	4613	105	4707	107	4801	109	4848	110
AL04 (5000LM)	49	5017	102	5119	104	5221	107	5273	108

LBR6 MS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW						
AL01 (500LM)	6	480	99	584	101	597	102	616	105
AL01 (750LM)	9	760	102	924	103	946	105	975	108
AL01 (1000LM)	13	1067	98	1297	100	1328	102	1369	104
AL02 (1000LM)	13	1131	108	1375	110	1408	112	1451	115
AL02 (1500LM)	19	1651	105	2007	106	2055	108	2118	111
AL02 (2000LM)	25	2079	99	2528	101	2588	103	2668	105
AL03 (2000LM)	25	2139	103	2601	104	2663	106	2745	109
AL03 (2500LM)	32	2583	98	3140	99	3214	101	3314	103
AL03 (3000LM)	38	2933	93	3566	94	3651	96	3764	98
AL04 (4000LM)	39	3511	90	3583	92	3654	94	3690	95
AL04 (4500LM)	44	3875	88	3954	90	4033	92	4072	93
AL04 (5000LM)	49	4214	86	4300	88	4386	90	4429	90

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical

Catalog  
Number

Notes

Type

# LBR6 NCH

6" Open and Wallwash LED  
New Construction Downlight



New Construction



Open Trim



Wallwash Trim



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](#).

\*See ordering tree for details



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

LBR6WW NCH ALO2 SWW1 AR LSS  
WW MVOLT UGZ1

Notes:

**Type:****N**

LAI26-274992

**LBR6 NCH**Design Select options indicated  
by this color background.**Module ordering****ORDERING INFORMATION**

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** LBR6 NCH ALO2 SWW1 AR LSS MWD MVOLT UGZ 90CRI

Series	Lumens ‡	Color temperature ‡	Reflector Color	Reflector Flange ‡	Reflector Finish
LBR6 NCH 6" New Construction		Switchable CCT	AR Clear	(blank) Self-flanged	LSS Semi-specular
LBR6WW NCH 6" New Construction Wall Wash	Adjustable Lumen Output AL01 500/750/1000lm AL02 1000/1500/2000lm AL03 2000/2500/3000lm AL04 4000/4500/5000lm	Fixed Lumen Output 05LM 500lm 07LM 750lm 10LM 1000lm 15LM 1500lm 20LM 2000lm 25LM 2500lm 30LM 3000lm 40LM 4000lm 45LM 4500lm 50LM 5000lm	BR ‡ Black painted MS ‡ Metallic Silver WR ‡ White painted TCPC ‡ Custom painted TRALTBDB ‡ RAL painted trim	IRW White painted flange TRBL Black painted flange FCPC Custom painted flange only FRLTBD RAL painted flange only	
		Fixed CCT 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K			

Distribution	Voltage	Driver	Emergency ‡	Control Input ‡	Options
MWD Medium wide (1.0 s/mh)	MVOLT	UGZ Universal dimming to 10% 0-10V; line voltage dimming (120V)	(blank) No Emergency Needed	(blank) No Control Input Needed	90CRI High CRI (90+)
WD Wide (1.2s/mh)	120 277 347	UGZ1 Universal dimming to 1% 0-10V; line voltage dimming (120V)	ELR Batterypack (10W constant power) Non-T20 Compliant remote test switch ETS Iota Emergency Transfer System E10WCP Batterypack (10W constant power) Non-T20 Compliant integral test switch E10WCPR Batterypack (10W constant power) T20 Compliant remote test switch E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	JOT Wireless room control with "Just One Touch" pairing NLIGHT Embedded wired controls from nLight NLIGHTER Embedded wired controls from nLight with UL924 listed emergency operation NLTAIR2 nLight® AIR enabled NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection.	AT ‡ Airtight EC1 ‡ Extended Conduit (18") EC6 ‡ Extended Conduit (6ft) WL ‡ Wet Location (IP55) QDS ‡ Quick disconnect plugs CP ‡ Chicago Plenum
WW ‡ Wallwash		DALI ‡ DALI dimming to 1% D1 Minimum dimming 1% driver for use with JOT			

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart below.

**‡ Option Value Ordering Restrictions**

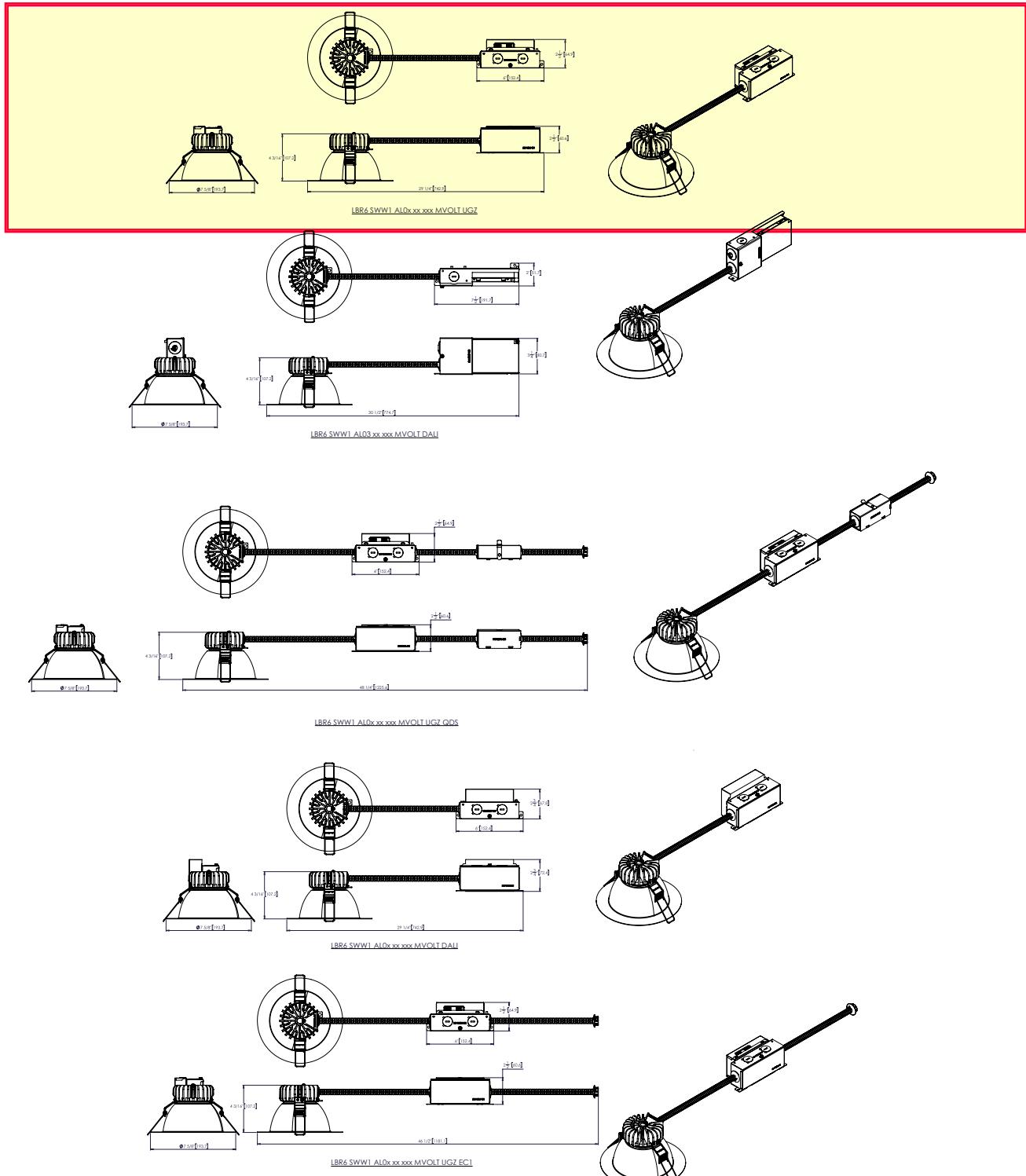
Options	Restriction
Adjustable Lumens/CCT	Adjustable Lumen Output and Switchable CCT must be specified together (for example: AL01 SWW1)
Fixed Lumens/CCT	Fixed Lumen Output and Fixed CCT must be specified together (for example: 10LM 30K)
WW	Not available with WL, EL, E10WCP.
MS, WR, BR	Not available with LSS reflector finish
WR	Not available with TRW
BR	Not available with TRBL
TRALTBDB, FRLTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the <a href="#">RAL BROCHURE</a> for available color options. Not available with TCPC or FCPC.
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click <a href="#">HERE</a> for more details. Not available with TCPC or FCPC.
TRW, TRBL	Available with MS and AR reflectors only.
LSS	Not available with BR or WR or MS
347V	Not available with CP, QDS, ELR, E10WCP, E10WCPR, NLIGHT, NLIGHTER, NLTAIR2, or NLTAIREM2
DALI	Not available with fixed lumens or CCT. Max 4500 lumens.
E10WCP	Not available with EC1, EC6, AT, QDS, CP, 347V, NLIGHTER, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WCP	Not available with WW, EC1, EC6, AT, QDS, CP, 347V, NLIGHTER, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NLIGHTER, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch.
ELR	Not available EC1, EC6, QDS, CP, 347V, NLIGHTER, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
ETS	Not available with QDS, ELR, E10WCP, E10WCPR, 347V, JOT, NLIGHT, NLIGHTER, NLTAIR2, NLTAIREM2, DALI, or D1 driver
JOT	Only available with D1 driver. Not available with CP, NLIGHT, NLIGHTER, NLTAIR2, NLTAIREM2, UGZ, or DALI drivers. Max 4500 lumens. Fixed lumens and CCT only. Not available with 2000-4500lm in conjunction with emergency batterypacks.
NLIGHT	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. Not available with 347V.
NLIGHTER	Must specify UGZ1. Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, or D1 drivers. Not available with 347V.
NLTAIR2	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, UGZ, DALI, or D1 drivers. See UL 924 Sequence of Operation table. Non-emergency luminaires with this option can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIREM2	Must specify UGZ1. Not available with CP, QDS, JOT, ETS, ELR, E10WCP, E10WCPR, DALI, D1 drivers. See UL 924 Sequence of Operation table.
WL	Not available with WW. All CP is wet location, except WW (Damp). IP55 rated. Not available with E10WCP
QDS	Must be specified for use with LBR_PFWQDS. Not available with CP, emergency options, or 347V.
EC1, EC6	Not Available with CP, QDS, ELR, E10WCP, or E10WCPR.
AT	Standard for CP and IP55, not available with WW. Not available with E10WCP
CP	Not available with QDS, EC1, EC6, ELR, E10WCP, 347V, JOT, NLTAIR2, NLTAIREM2, D1 drivers. For new construction applications, must be specified with LBR_PFWCP.

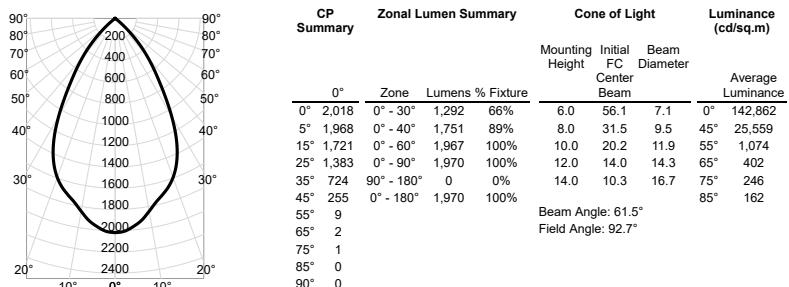
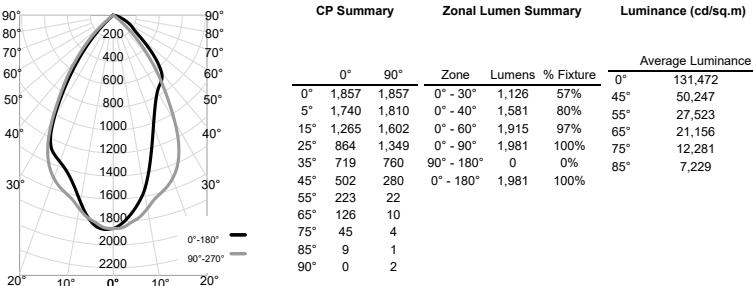


LBR6 NCH

**LBR6 NCH**

\* All dimensions are inches (millimeters) unless otherwise noted.



**LBR6 NCH****PHOTOMETRY****Distribution Curve****Distribution Data****Output Data****Illuminance Data at 30" Above Floor for a Single Luminaire**
**LBR6 SWW1 ALO2 AR LSS MWD MVOLT UGZ**, Input Watts: 18.1, Delivered Lumens: 1970, LPW: 108.8, S/MH: 0.94, Test No: 20-518-03

**LBR6WW SWW1 ALO2 AR LSS WW**, Input Watts: 18.7, Delivered Lumens: 1981, LPW: 105.9, S/MH: 0.67, Test No: 20-518-A1
**LUMEN OUTPUT MULTIPLIERS - CCT**

3000K	3500K	4000K	5000K
0.98	1.0	1.01	1.03

**HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE**

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times LPW$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at [Desiglight Consortium](#).

**LUMEN OUTPUT MULTIPLIERS - FINISH**

Clear Semi-spec (AR LSS)	1.0
Metallic Silver (MS)	0.84
White Painted (WR)	1.03
Black Painted (BR)	0.60

**LUMEN OUTPUT MULTIPLIERS - CRI**

80	1.0
90	0.874

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

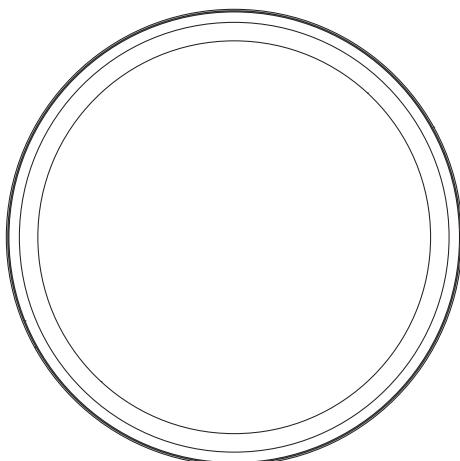
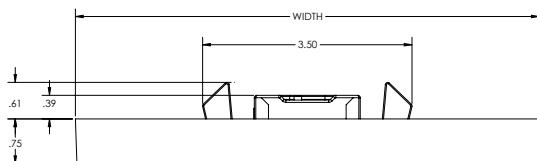
JSF 7IN 10LM SWW5 90CRI MVOLT  
ZT WH  
Notes:

**Type:****OA**

LAI26-274992

**JSF SWW5 5IN\_7IN Series****Juno SlimForm™ LED with Selectable CCT**

5" and 7" Round Downlight for JBox Installation

**JSF Series****Dimensions**

Project:

Fixture Type:

Location:

Contact/Phone:

**Product Features**

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 5" and 7" sizes. Optional finish trims available for custom, designer look similar to standard recessed downlights. Provides general illumination in residential and commercial applications including multi-family and hospitality. Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas and much more.

With the newly added selectable CCT switch, the JSF gives the ultimate in flexibility for both the distributor as well as the end user.

**Applications**

- Suitable for wet locations (indoor covered ceilings): perfect for closets, showers, bathrooms, outdoor soffits, and covered ceiling applications.
- Residential and Light Commercial applications including multi-family and hospitality
- Ideal for use in corridors, foyers, living spaces, closets, hallways, pantries, stairways and much more
- Installs directly into industry standard junction boxes
- Suitable for use within closet storage spaces when installed per NEC requirements. Junction box sizes vary - Verify compatibility with fixture prior to installation

**Performance**

Delivered Lumens	JSF 5IN = 791L - 854L JSF 7IN = 1182L - 1324L
Led Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
CRI	90+
Voltage	Dedicated 120V and MVOLT (120V-277V)
Dimming	Phase Dimming down to 10%. 0-10V and phase dimming available.

**Specifications**

	Width	Depth
JSF 5IN	5.25 (13.34)	0.75 (1.91)
JSF 7IN	7.77 (19.74)	0.75 (1.91)

All dimensions are in Inches (centimeters unless otherwise indicated).

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

JSF 7IN 10LM SWW5 90CRI MVOLT  
ZT WH  
Notes:

**Type:**

**OA**

LAI26-274992

**JSF SWW5 5IN\_7IN Series****Juno SlimForm™ LED  
with Selectable CCT**

5" and 7" Round Downlight for JBox Installation

**JSF****ORDERING INFORMATION****SlimForm LED Downlight**

Example: JSF 5IN 07LM SWW5 90CRI 120 FRPC WH

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish <sup>1</sup>
<b>JSF</b> SlimForm Surface Mount Downlight - Round	<b>5IN 07LM</b> 5", 791-854 Lumens <b>7IN 10LM</b> 7", 1182-1324 Lumens	<b>SWW5</b> Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	<b>90CRI</b> 90+ CRI	<b>120 FRPC</b> Dedicated 120V, Forward Reverse Phase Dimming	<b>WH</b> White
				<b>MVOLT ZT</b> Universal Voltage 120V-277V, 0-10V Dimming	<b>WH LGL<sup>2</sup></b> White Low Glare Lens <b>BL LGL<sup>2</sup></b> Black Low Glare Lens <b>BZ LGL<sup>2</sup></b> Bronze Low Glare Lens <b>SN LGL<sup>2</sup></b> Satin Nickel Low Glare Lens

**Note:**

- 1 Trim Accessories must be ordered separately with white finish only. Not available with LGL option.
- 2 Trim finishes with LGL option ship complete. See Accessories if ordering without LGL.

**ACCESSORIES<sup>1</sup>**

TRIM – Optional, field installable finish trim rings available to change the exterior finish of fixture.

Example: JSFTRIM 5IN BZ

Series	Size	Finish
JSFTRIM SlimForm Accessory Trim	5IN 5 inches	WH White
	7IN 7 inches	BL Black
		BZ Bronze
		SN* Satin Nickel

**BLACK****BRONZE****SATIN NICKEL****Note:**

\* SN not available for 5IN

**REMOTE EMERGENCY IOTA INVERTERS  
FOR FIELD INSTALLATION**

Inverter Part Number	Description
IIS 25 I	Emergency Inverter, 25W output
IIS 50 I	Emergency Inverter, 50W output
IIS 35 HE	Emergency Inverter, 35W output, High Efficiency (meets CA T20 efficiency requirement)

Must be ordered on a separate line. For Emergency Battery related questions contact us at  
techsupport@iotengineering.com



One Lithonia Way • Conyers, GA 30012 • Phone 1-800-705-SERV (7378) • TechSupportLighting@Acuitybrands.com • Visit us at [www.acuitybrands.com](http://www.acuitybrands.com)  
Printed in U.S.A. © 2023-2025 Acuity Brands Lighting, Inc. Rev. 03/19/25

Light Commercial &amp; Residential

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

JSF 7IN 10LM SWW5 90CRI MVOLT  
ZT WH  
Notes:

**Type:**

**OA**

LAI26-274992

**JSF SWW5 5IN\_7IN Series**



## Juno SlimForm™ LED with Selectable CCT

5" and 7" Round Downlight for JBox Installation



**JSF**

### Specifications

#### Construction

Shallow, less than 1", solid ring with white finish • Non conductive construction allows for light shower applications • Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture

#### Optics

Light guide technology combined with diffusing lens conceals the LEDs from direct view and provides uniform lens luminance.

#### LED Light Engine

LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • Selectable CCT with steps at 27K, 30K, 35K, 40K, 50K • LEDs binned for 4-step MacAdam ellipse color consistency • 90 CRI minimum.

#### LED Driver

Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • External driver is only available on 5" and 7" models • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

#### Installation

##### Junction Box Mounting

Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes • Compatible junction boxes include 4" metal standard and IC1JB junction box housing (3 1/2" junction box screw-hole spacing required for installation) • Minimum 1 3/4" depth and minimum 3 1/2" width of junction box required for installation for 5" and 7" fixtures • Quick mount bracket provides fast installation of fully assembled fixture to junction box • Suitable for ceiling mount • Suitable for use within closet storage spaces when installed per NEC requirements. Junction box sizes vary - Verify compatibility with fixture prior to installation

#### Life

Rated for 50,000 hours at >70% lumen maintenance.

#### Labels

Certified to the high efficacy requirements of California T24 JA8-2019 • CSA listed for US and Canada • Suitable for wet locations (covered ceilings).

#### Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

#### Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](#)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

### ELECTRICAL DATA

#### Dedicated 120V Only Driver Option (120 FRPC)

	5IN 07LM	7IN 10LM
Input Power	9.2W (+/-5)	12.3W (+/-5)
Input Current	0.08A	0.10A
Frequency	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C	-20°C

#### Universal Voltage MVOLT ZT

	5IN 07LM		7IN 10LM	
	120V	277V	120V	277V
Input Power	9.2W (+/-5)	9.2W (+/-5)	12.3W (+/-5)	12.3W (+/-5)
Input Current	0.08A	0.03A	0.10A	0.04A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)			
Minimum Starting Temp	-20°C	-20°C	-20°C	-20°C

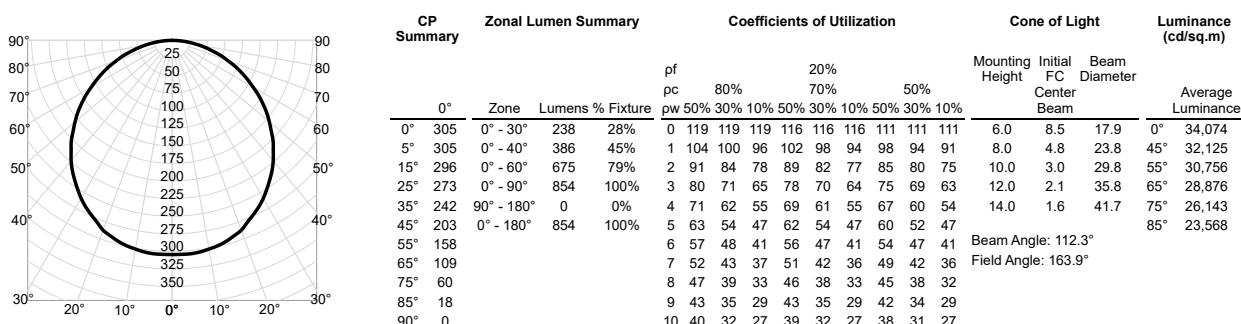
**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C.

**JSF SWW5 5IN\_7IN Series**
**Juno SlimForm™ LED**  
**with Selectable CCT**

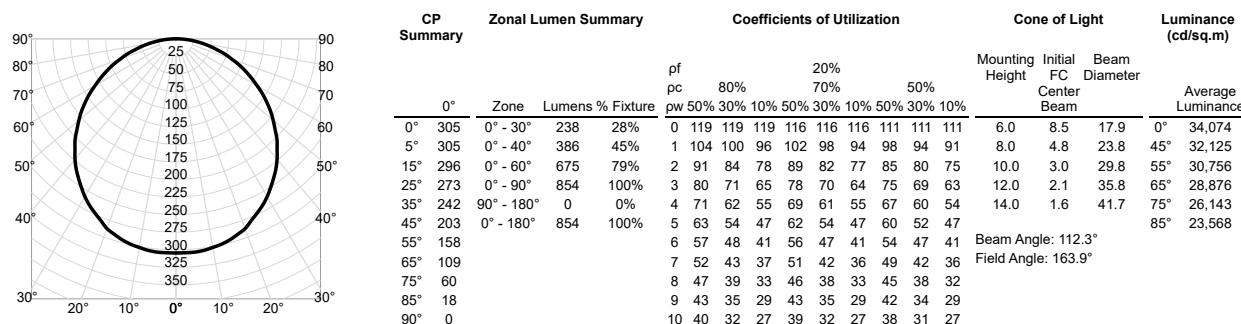
5" and 7" Round Downlight for JBox Installation

**JSF****PHOTOMETRICS**

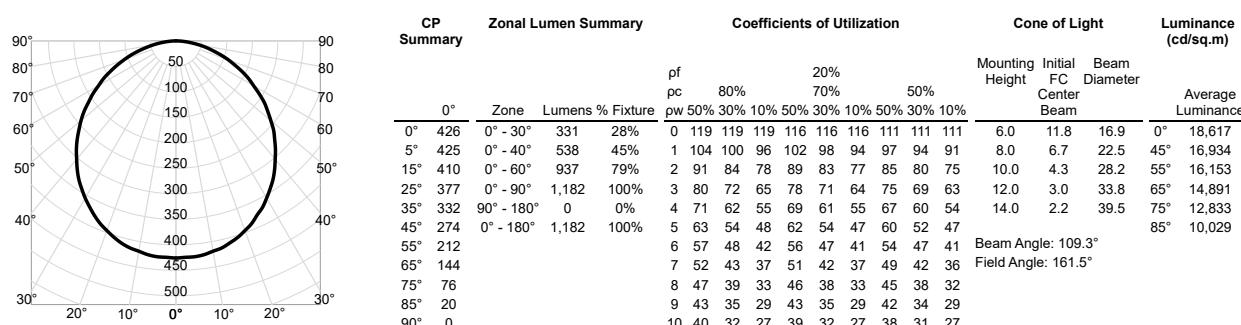
JSF 5IN 07LM SWW5 - 40K Input Watts: 9.1, Delivered Lumens: 854, LPW: 93.8, S/MH: 1.25, Test No: ISF 231051P4



JSF 5IN 07LM SWW5 - 50K Input Watts: 9.2, Delivered Lumens: 854, LPW: 92.8, S/MH: 1.25, Test No: ISF 231051P5



JSF 7IN 10LM SWW5 - 27K Input Watts: 12.0, Delivered Lumens: 1182, LPW: 98.5, S/MH: 1.24, Test No: ISF 23588P1

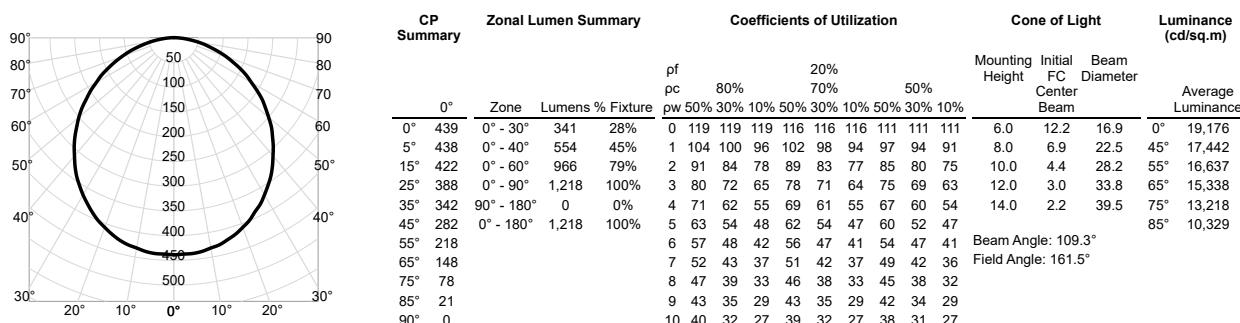


**JSF SWW5 5IN\_7IN Series**
**Juno SlimForm™ LED**  
**with Selectable CCT**

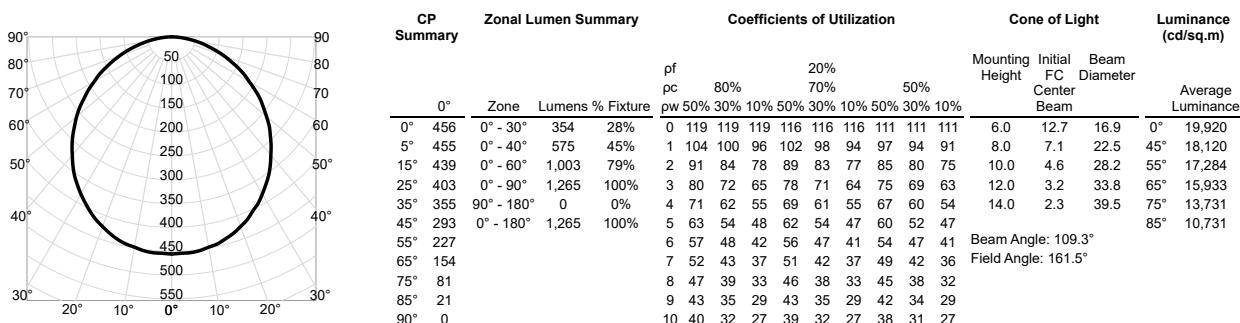
5" and 7" Round Downlight for JBox Installation

**JSF****PHOTOMETRICS**

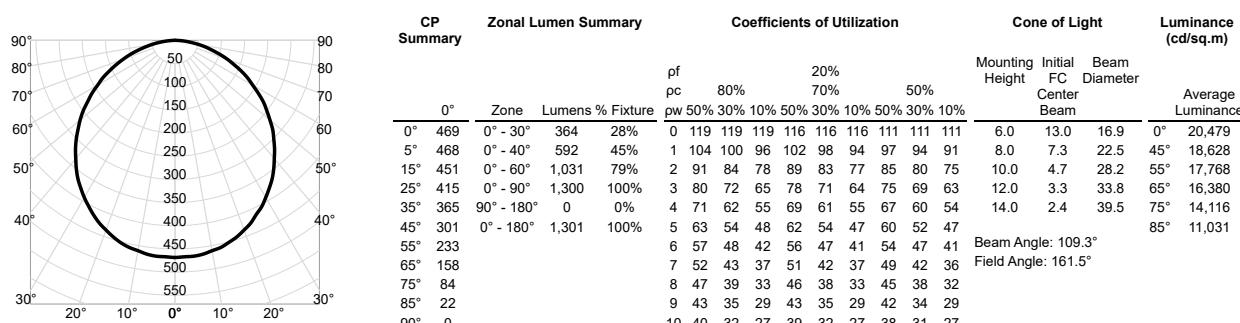
JSF 7IN 10LM SWW5 - 30K Input Watts: 12.3, Delivered Lumens: 1218, LPW: 99.0, S/MH: 1.24, Test No: ISF 23588P2



JSF 7IN 10LM SWW5 - 35K Input Watts: 12.1, Delivered Lumens: 1265, LPW: 104.5, S/MH: 1.24, Test No: ISF 23588P3



JSF 7IN 10LM SWW5 - 40K Input Watts: 12.2, Delivered Lumens: 1301, LPW: 106.6, S/MH: 1.24, Test No: ISF 23588P4

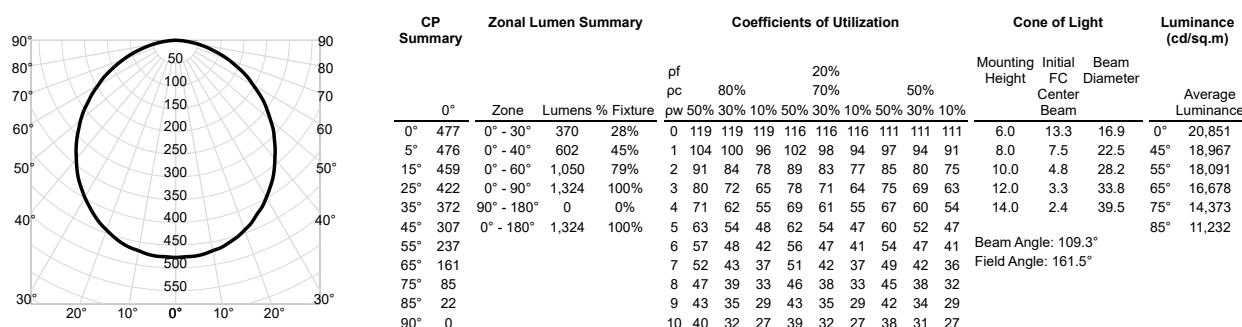


**JSF SWW5 5IN\_7IN Series****Juno SlimForm™ LED  
with Selectable CCT**

5" and 7" Round Downlight for JBox Installation

**JSF****PHOTOMETRICS**

JSF 7IN 10LM SWW5 - 50K Input Watts: 12.3, Delivered Lumens: 1324, LPW: 107.6, S/MH: 1.24, Test No: ISF 23588P5



Submitted by Lighting Associates, Inc.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

\$950 ALLOWANCE

Notes:

Type:

**OB**

LAI26-274992

**TBD  
ALLOWANCE OF \$950**

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

TWR1 LED ALO SWW2 UVOLT PE  
DDBTXD  
Notes:

Type:

**OC**

LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™  
**TWR LED**  
LED Wall Pack  
Adjustable+Switchable+Photocell

The Lithonia Lighting® TWR wall packs combine the power of the latest generation of LEDs in a popular and classic day-form to provide exceptional energy savings. These wall packs give ultimate versatility to both the distributor and contractor by offering 18 configurations in one product with their standard Adjustable Lumen Output (ALO), Switchable color temperature (SWW2), and adjustable photocell (PE) features.

**FEATURES:**

- Two sizes deliver from 2,300 lumens up to 16,100 lumens, replacing 70W to 400W HID luminaires
- Energy savings of up to 86% when replacing HID wall packs with less than two year paybacks
- Three power levels of adjustable lumen output. Switchable CCT(3000K/4000K/5000K) offers warm, cool and daylight in a single fixture
- Standard photocell can be turned on or off
- IP65 rated, Die-cast aluminum housing and borosilicate glass lens
- Up to 155 LPW

Adjustable Lumen Output  
ALOSwitchable CCT  
SWW2Dusk-to-Dawn Operation  
PE

Catalog Number	Adjustable Lumen Output ALO	Switchable CCT SWW2	Dusk-to-Dawn Operation PE	Input Voltage	CRI
TWR1 LED ALO SWW2 UVOLT PE DDBTXD	2,300 Lumens 5,300 Lumens 8,500 Lumens*	Switchable 3000K, 4000K*, 5000K	Included Standard, Selectable On/Off	120-347V	80CRI
TWR2 LED ALO SWW2 UVOLT PE DDBTXD	8,200 Lumens 12,100 Lumens 16,100 Lumens*				

\* - Default out of the box settings

**Made To Order Options**

Ci Code	Input Voltage	Catalog Number	UPC	Number of fixtures per pallet	Traditional Replacement
*280GX1	120-277V	TWR1 LED ALO SWW2 MVOLT PE E7WC DDBTXD	00196183389954	60	70W - 250W HID
*282T3	480V	TWR2 LED ALO SWW2 480 DDBTXD	00196183765819	32	250W - 400W HID

\* Note: Made to order options are available with normal lead time

**TWR LED Stock Configurations**

Catalog Number	UPC	Ci Code	Number of fixtures per pallet	Traditional Replacement
TWR1 LED ALO SWW2 UVOLT PE DDBTXD	00196183389947	*280GWW	50	70W - 250W HID
TWR2 LED ALO SWW2 UVOLT PE DDBTXD	00196183390028	*280GX5	40	250W - 400W HID



## Specifications

### INTENDED USE:

The TWR LED combines traditional wall pack design with latest generation LEDs to provide an energy-efficient, low maintenance LED wall pack suitable for replacing up to 400W Metal Halide fixtures. The traditional shape helps maintain building aesthetics when replacing only a portion of your building's wall packs. TWR LED is ideal for outdoor applications such as carports, loading areas, self storage and parking areas.

### CONSTRUCTION:

Rugged cast-aluminum housing with bronze polyester powder paint for lasting durability. Door is hinged on the side and can be detached for easy installation and service. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. Rated for outdoor installations, -40°C minimum ambient.

### ELECTRICAL:

Light engine consists of long-life, high-efficacy LEDs mounted on an internal aluminum heat sink to maximize heat dissipation and promote long life. LEDs maintain 90% of light output at 50,000 hours of service. (LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology. The UVOLT driver operates on any line voltage from 120-347V (50/60Hz). All luminaires have 6kV surge protection. There are no user serviceable parts. The fixture is supplied with a 0-10V driver and is dimmable by 0-10V controls.

### BATTERY SPECS:

Emergency battery backup E7WC is a 7 Watt back up battery that delivers up to 1,000 lumens in emergency mode. The lowest operating temperature is -20°C and is compatible with the MVOLT model TWR1.

### INSTALLATION

Designed for wall mounting above four feet from ground. Housing is configured for mounting directly over a standard 4" outlet box (by others) or for surface wiring via any of four convenient 1/2" threaded conduit entry hubs.

### LISTINGS:

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

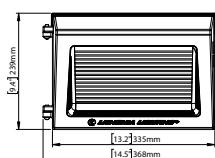
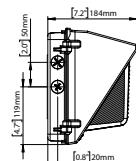
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

## Dimensions

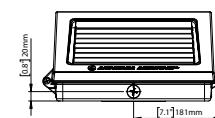
### TWR1:

Width: 13.2" / 33.5cm  
 Height: 9.4" / 23.9cm  
 Depth: 7.2" / 18.4cm  
 Weight: 7.5lbs (3.4kg)



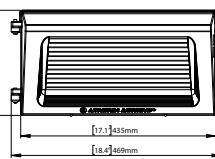
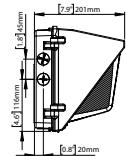
### TWR1 E7WC:

Width: 15.25" / 38.74cm  
 Height: 10.75" / 27.31cm  
 Depth: 8.75" / 22.23cm  
 Weight: 9.66lbs (4.38kg)

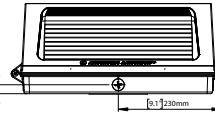


### TWR2:

Width: 17.1" / 43.5cm  
 Height: 9.2" / 23.4cm  
 Depth: 7.9" / 20.1cm  
 Weight: 12.1lbs (5.5kg)



All dimensions are inches (centimeters) unless otherwise indicated.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

TWR1 LED ALO SWW2 UVOLT PE  
DDBTXD  
Notes:

**Type:**

**OC**

LAI26-274992

**LUMEN OUTPUT:**

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79.

Size	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
TWR1	2,300	16W	3000K	2,295	145
			4000K	2,292	
			5000K	2,359	
	5,300	36W	3000K	5,277	151
			4000K	5,347	
			5000K	5,390	
	8,500	59W	3000K	8,400	148
			4000K	8,581	
			5000K	8,523	

Size	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
TWR2	8,200	55W	3000K	8,132	155
			4000K	8,427	
			5000K	8,290	
TWR2	12,100	82W	3000K	11,875	152
			4000K	12,449	
			5000K	12,037	
	16,100	112W	3000K	15,794	147
			4000K	16,270	
			5000K	16,262	

Submitted by Lighting Associates, Inc.

**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

TWR1 LED ALO SWW2 UVOLT PE  
DDBTXD  
Notes:

**Type:****OD**

LAI26-274992

Catalog  
Number

Notes

Type

Contractor Select™  
**TWR LED**  
LED Wall Pack  
Adjustable+Switchable+Photocell



The Lithonia Lighting® TWR wall packs combine the power of the latest generation of LEDs in a popular and classic day-form to provide exceptional energy savings. These wall packs give ultimate versatility to both the distributor and contractor by offering 18 configurations in one product with their standard Adjustable Lumen Output (ALO), Switchable color temperature (SWW2), and adjustable photocell (PE) features.

**FEATURES:**

- Two sizes deliver from 2,300 lumens up to 16,100 lumens, replacing 70W to 400W HID luminaires
- Energy savings of up to 86% when replacing HID wall packs with less than two year paybacks
- Three power levels of adjustable lumen output. Switchable CCT(3000K/4000K/5000K) offers warm, cool and daylight in a single fixture
- Standard photocell can be turned on or off
- IP65 rated, Die-cast aluminum housing and borosilicate glass lens
- Up to 155 LPW

Adjustable Lumen Output  
ALOSwitchable CCT  
SWW2Dusk-to-Dawn Operation  
PE

Catalog Number	Adjustable Lumen Output ALO	Switchable CCT SWW2	Dusk-to-Dawn Operation PE	Input Voltage	CRI
TWR1 LED ALO SWW2 UVOLT PE DDBTXD	2,300 Lumens 5,300 Lumens 8,500 Lumens*	Switchable 3000K, 4000K*, 5000K	Included Standard, Selectable On/Off	120-347V	80CRI
TWR2 LED ALO SWW2 UVOLT PE DDBTXD	8,200 Lumens 12,100 Lumens 16,100 Lumens*				

\* - Default out of the box settings

**Made To Order Options**

Ci Code	Input Voltage	Catalog Number	UPC	Number of fixtures per pallet	Traditional Replacement
*280GX1	120-277V	TWR1 LED ALO SWW2 MVOLT PE E7WC DDBTXD	00196183389954	60	70W - 250W HID
*282T3	480V	TWR2 LED ALO SWW2 480 DDBTXD	00196183765819	32	250W - 400W HID

\* Note: Made to order options are available with normal lead time

**TWR LED Stock Configurations**

Catalog Number	UPC	Ci Code	Number of fixtures per pallet	Traditional Replacement
TWR1 LED ALO SWW2 UVOLT PE DDBTXD	00196183389947	*280GWW	50	70W - 250W HID
TWR2 LED ALO SWW2 UVOLT PE DDBTXD	00196183390028	*280GX5	40	250W - 400W HID



## Specifications

### INTENDED USE:

The TWR LED combines traditional wall pack design with latest generation LEDs to provide an energy-efficient, low maintenance LED wall pack suitable for replacing up to 400W Metal Halide fixtures. The traditional shape helps maintain building aesthetics when replacing only a portion of your building's wall packs. TWR LED is ideal for outdoor applications such as carports, loading areas, self storage and parking areas.

### CONSTRUCTION:

Rugged cast-aluminum housing with bronze polyester powder paint for lasting durability. Door is hinged on the side and can be detached for easy installation and service. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. Rated for outdoor installations, -40°C minimum ambient.

### ELECTRICAL:

Light engine consists of long-life, high-efficacy LEDs mounted on an internal aluminum heat sink to maximize heat dissipation and promote long life. LEDs maintain 90% of light output at 50,000 hours of service. (LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology. The UVOLT driver operates on any line voltage from 120-347V (50/60Hz). All luminaires have 6kV surge protection. There are no user serviceable parts. The fixture is supplied with a 0-10V driver and is dimmable by 0-10V controls.

### BATTERY SPECS:

Emergency battery backup E7WC is a 7 Watt back up battery that delivers up to 1,000 lumens in emergency mode. The lowest operating temperature is -20°C and is compatible with the MVOLT model TWR1.

### INSTALLATION

Designed for wall mounting above four feet from ground. Housing is configured for mounting directly over a standard 4" outlet box (by others) or for surface wiring via any of four convenient 1/2" threaded conduit entry hubs.

### LISTINGS:

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY:

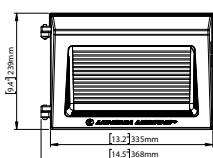
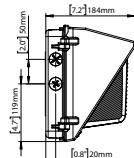
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

## Dimensions

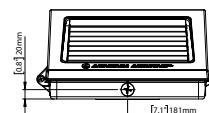
### TWR1:

Width: 13.2" / 33.5cm  
 Height: 9.4" / 23.9cm  
 Depth: 7.2" / 18.4cm  
 Weight: 7.5lbs (3.4kg)



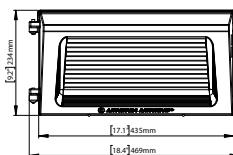
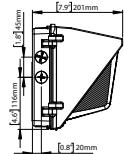
### TWR1 E7WC:

Width: 15.25" / 38.74cm  
 Height: 10.75" / 27.31cm  
 Depth: 8.75" / 22.23cm  
 Weight: 9.66lbs (4.38kg)

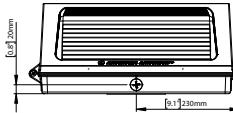


### TWR2:

Width: 17.1" / 43.5cm  
 Height: 9.2" / 23.4cm  
 Depth: 7.9" / 20.1cm  
 Weight: 12.1lbs (5.5kg)



All dimensions are inches (centimeters) unless otherwise indicated.



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

TWR1 LED ALO SWW2 UVOLT PE  
DDBTXD  
Notes:

**Type:**

**OD**

LAI26-274992

**LUMEN OUTPUT:**

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79.

Size	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
TWR1	2,300	16W	3000K	2,295	145
			4000K	2,292	
			5000K	2,359	
	5,300	36W	3000K	5,277	151
			4000K	5,347	
			5000K	5,390	
	8,500	59W	3000K	8,400	148
			4000K	8,581	
			5000K	8,523	

Size	Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt @ 4000K, 80CRI
TWR2	8,200	55W	3000K	8,132	155
			4000K	8,427	
			5000K	8,290	
TWR2	12,100	82W	3000K	11,875	152
			4000K	12,449	
			5000K	12,037	
	16,100	112W	3000K	15,794	147
			4000K	16,270	
			5000K	16,262	



## S900 Series

Universal Swivel Mount LED Edge-Lit Exit

The Exitronix S900 Series LED Edge-lit Exit features a pivoting design for simple installation in any application, including surface and recessed wall, ceiling and sloped ceilings. Includes surface mounting canopy as well as hardware for recessed mounting applications, making this the most versatile edge-lit sign available. The S900 includes both single- and double-face configurations for easy ordering and stocking.

**FEATURES & BENEFITS**

- Suitable for installation in existing drywall applications
- Includes both single- and double-face panel configurations
- Includes surface mounting canopy as well as bracket for recessed mounting applications
- UL 924 Listed 90 minute emergency run time, 24 hour recharge time
- Field-selectable directional chevrons
- UL Listed for Damp Locations
- California Energy Commission (CEC) compliant

**SPECIFICATIONS**

Illumination:	Long-life, high-intensity, red or green LEDs
Construction:	Extruded aluminum housing with high-grade, acrylic panel
Input:	120/277VAC Dual Primary, 60Hz
Battery:	Maintenance-free NiCad battery
Operating Temp:	0°C to 40°C (32°F to 104°F)
Run Time:	UL Listed 90 minute emergency run time, 24 hour recharge time
Mounting:	Ceiling and end surface mounting or recessed
Finish:	Brushed aluminum, black or white
Certifications:	UL Listed for Damp Locations, meets or exceeds CEC, NEC and NFPA 101
Warranty:	Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.


**Please Confirm All Options**
**ORDERING INFORMATION** Example: S900U-WB-SR-R-AG-G2

Series	Power Source	Mounting	Panel Color	Finish	Options (Factory Installed)
S900U <sup>1</sup> = Universal	LB = AC Only	SR <sup>3</sup> = Universal	G = Green	AG = Brushed Aluminum (gray endcaps)	G2 <sup>4</sup> = Self-test/Self-diagnostics
S900UM <sup>2</sup> = Universal	WB = With Battery		R = Red	BL = Black	
				WH = White	

**Accessories<sup>5</sup> (Field Installed)**

ER1-Kit = 1' Pendant Mount Kit

ER2-Kit = 2' Pendant Mount Kit

S900U-SGC-FP = Green Single Clear Panel for S900U only

S900U-SGM-FP = Green Single Mirror Panel for S900U only

S900U-DGM-FP = Green Double Mirror Panel for S900U only

S900U-SRC-FP = Red Single Clear Panel for S900U only

S900U-SRM-FP = Red Single Mirror Panel for S900U only

S900U-DRM-FP = Red Double Mirror Panel for S900U only

S900-PENDANT-ADAPTER = Pendant Adapter

**Notes**
<sup>1</sup> Includes one single-face clear and one double-face mirrored panel in selected colors<sup>2</sup> Includes one single-face mirror and one double-face mirror panel<sup>3</sup> SR includes kits for surface & recessed mounting<sup>4</sup> Not available on LB configurations<sup>5</sup> Order as separate line item
 Specifications are subject to change without notice.  
 Installation must be performed in accordance with  
 Barron Lighting Group installation instructions.

**CONSTRUCTION****Housing**

Available in either a Black, Brushed Aluminum or White finish.

**Surface** - Engineering grade aluminum extrusion with mounting canopy.**Recessed** - Extruded aluminum housing supplied with galvanized steel adjustable bar hanger assembly.**Panels**

Constructed of clear acrylic. Stencil letters are 6" high with 3/4" stroke, with minimum of 100' viewing distance rating as required by UL 924 standard. Double-face panels are supplied with a mirror insert. Units are supplied with field-selectable directional chevrons for placement in all applications.

**ILLUMINATION**

High-output red or green LEDs provide superior brightness. Energy consumption of less than 3W for AC only and less than 5W for battery back-up units. LEDs are a maintenance-free solution.

**ELECTRICAL****Input**

Dual-voltage input 120 or 277VAC at 60Hz.

**Nickel Cadmium Battery - NiCad (With Battery Only)**

Exitronix NiCad batteries are maintenance-free.

**Emergency (WB Only)**

The S900 Series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

**Solid-State Transfer**

The circuit features solid-state switching, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

**Low Voltage Disconnect**

When the battery's terminal voltage falls below predetermined levels, the low voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

**Test Button**

Test button is easy to locate and allows for manual verification of proper operation of the transfer circuit and emergency lamps.

**INSTALLATION**

Surface Mounting: completely universal canopy provides for end or ceiling mounting. All hardware is included.

Recessed Mounting: recessed ceiling mount, accessible above the plenum. Electronics and battery contained in housing. Plug-in battery connector supplied for easy installation. All hardware is included.

**OPTIONS****Guardian Self-test/Self-diagnostics (Option: G2)**

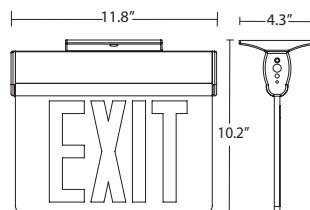
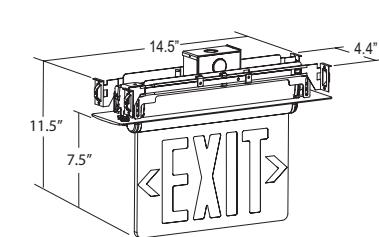
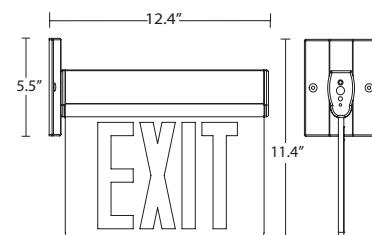
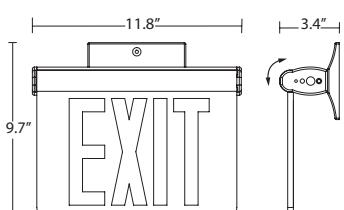
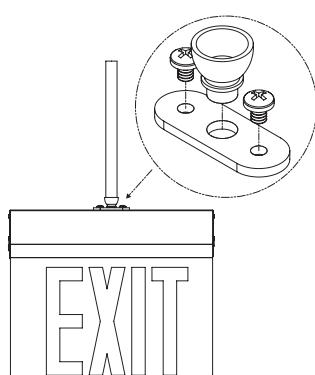
The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the dual color LED. Refer to instruction manual for detailed information.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliance testing.

**CONFORMANCE TO CODES AND STANDARDS**

The S900 Series is UL 924 Listed for Damp Locations. The series meets or exceeds the CEC and NEC requirements as well as NFPA 101.

**DIMENSIONS****PENDANT ADAPTER**

Submitted by Lighting Associates, Inc.	<b>Job Name:</b> MADISON METHODIST CHURCH RETRO FIT AND RENOVATION Engineer: Electrical Design Consultants - Macon (Macon)	<b>Catalog Number:</b> ELM4L  Notes:	<b>Type:</b> <b>BUGEYE</b> LAI26-274992
--	--	---	---



## FEATURES & SPECIFICATIONS

**INTENDED USE** — Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power to meet and exceed code required emergency lighting. Ideal for applications requiring attractive LED unit equipment with quick installation and unparalleled performance for mounting heights from 7.5' to 30'. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.**

[Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — The housing is a standard white (black optional) thermoplastic with a compact and low-profile contemporary design. It is 5VA flame rated, impact-resistant, scratch-resistant and corrosion proof. The UV-stable resin resists discoloration from natural and man-made light sources. There is a low-profile, integrated and back-lit test switch with an easily visible multi-color LED status indicator. The back-plate contains a universal j-box mounting pattern to facilitate ease of installation on a wide variety of j-boxes and the front housing allows tool-less access for ease of maintenance.

The lamp heads have a unique track-and-swivel arrangement permitting full range of direction of optical aiming.

**OPTICS** — The ELM4L features two high-performance LEDs rated at 3.3 watts per lamp head and delivers a total of 640 lumens in a spot pattern (SP640L).

The ELM6L features three high-performance LEDs rated at 5.3 watts per lamp head and delivers a total of 1,100 lumens in a spot pattern (SP1100L).

The typical life of an LED is 10 years. The LED light sources typically never need to be replaced under normal conditions for normal off applications.

CCT: 5000K

**ELECTRICAL** — Orderable in multiple voltages (see ordering tree for specific voltages.)

Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery chargers Certified in the CA Title 20 Appliance Efficiency Database.

Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts.

Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages.

Prevents over/undercharging that shortens battery life and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life.

**BATTERY**: Sealed, maintenance-free nickel-cadmium (ELM4L only) or Lithium Iron Phosphate battery. Optional High-Output (HO) option and Extra High Output (EHO option), LTP battery type only, provides a wide variety of remote capacities and/or extended run-times.

Automatic 24-hour recharge after a 90-minute discharge.

Advanced electrical design provides constant light output throughout the entire discharge period.

Brownout protection is automatically switched to emergency mode when supply voltage drops below approximately 80 percent nominal of 120, 220, 277 or 347. Other input voltages may vary.

AC/LVD reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.

**Self-Diagnostics**: Continuously monitors AC functionality. Test switch and remote tester (RTKIT accessory) provide manual activation of 30-second diagnostic testing for on-demand visual inspection. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

### SELF-DIAGNOSTICS and REMOTE TEST (SDRT and AELR option):

Self-diagnostic testing: Five minutes every 30 days and 90 minutes annually. Diagnostic evaluation of lamps, AC to DC transfer, battery charging and condition of microprocessor. Automatic test is easily postponed for eight hours by activating manual test switch or use of remote tester (RTKIT accessory).

**AELR option**: STAR (Self-testing Automated Reporting) radio transmits monthly and annual test results and diagnostics information for automated reporting requirements.

For more information visit [AcuityBrands.com/STAR](http://www.acuitybrands.com/STAR)

**INSTALLATION** — Wall and ceiling mount standard. Blind-mate connector ensures easy installation and safe maintenance. 7/8" entrance provision at top of unit for standard 1/2" conduit entry. Tool-less removal of front cover from back-plate for ease of installation and maintenance.

**LISTINGS** — UL damp location listed standard and wet location listed when used with the WPVS accessory, all at 50-104°F (10-40°C). Meets or exceeds all applicable requirements for UL 924, NFPA 101 (current Life Safety code), NFPA 70 (NEC), NOM (Norma Oficial Mexicana), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA. List and labeled to comply with Canadian Standards C22.2 No. 141-10.

**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE**: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

† Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.



EMERGENCY

Catalog Number
Notes
Type



Contemporary Commercial LED Emergency Light



**ELM4L**  
640 Lumens

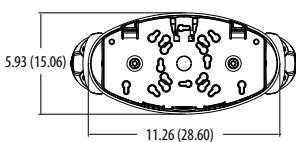
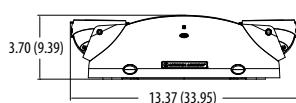
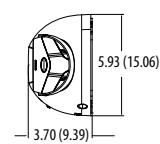
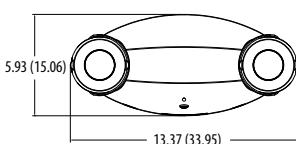
**ELM6L**  
1100 Lumens

LITHIUM IRON PHOSPHATE  
NICKEL CADMIUM



## MOUNTING

All dimensions are inches (centimeters) unless otherwise indicated.



### Specifications

Length: 13 3/8 (33.95)

Depth: 3 45/64 (9.39)

Height: 5 15/16 (15.06)

Weight: ELM4L 3 lb (1.4kg)

Weight: ELM6L 3 lb (1.4kg)

Weight: ELM6L HO 3.5 lbs (1.59 kg)

Weight: ELM6L EHO 3.75 lbs (1.7 kg)



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details



## ELM4L-ELM6L Quantum® LED Contemporary Commercial Emergency Light

Design Select options indicated  
by this color background.Looking for Contractor Select readily available  
configurations? Click here to visit Contractor Select™  
spec sheet or go to [www.contractorselect.com](http://www.contractorselect.com)

### NICKEL CADMIUM BATTERY MODELS

**ORDERING INFORMATION**For shortest lead times, configure product using **bolded options**.**Example:** ELM4L

Series	Lamp Type	Housing Color	Voltage	Battery Type	Automatic Testing	Options
<b>ELM4L<sup>1</sup></b> 640 lumens, adjustable optics	<b>(blank)</b> SP640L 640 lumen, 6.6 watt, Spot Pattern, two lamp	<b>(blank)</b> White B Black	<b>(blank)</b> 120-277 VAC, 50/60Hz <b>UVOLT</b> 120-347 VAC, 50/60Hz	<b>(blank)</b> Nicad	<b>(blank)</b> None	<b>(blank)</b> none
						WPVS Wet protective vandal shield <sup>2</sup> BAA Buy America(n) Act Compliant PM Pendant Mount <sup>3</sup>

**Notes**

1 Does not support remote loads.

2 Must be ordered when using for wet location applications.. WPVS breaks out and ships separately and color will match (ex: WPVS LRG B). Decreases delivered lumens up to 20%. See spec sheet [WPVS](#) for more information.

3 Pendant mount option will include a 12" long 3/8-16 UNC threaded rod and hardware. Not available with any other lengths.

Design Select options indicated  
by this color background.

### LITHIUM IRON PHOSPHATE BATTERY MODELS

**ORDERING INFORMATION**For shortest lead times, configure product using **bolded options**.**Example:** ELM6L UVOLT LTP SDRT

Series <sup>1</sup>	Lamp Type	Housing Color	Voltage	Battery Type	Automatic Testing	Options
<b>ELM4L</b> 640 lumens, adjustable optics	<b>(blank)</b> SP640L 640 lumen, 6.6 watt, Spot Pattern, two lamp	<b>(blank)</b> White B Black	<b>UVOLT</b> 120-347 VAC, 50/60Hz	<b>LTP</b> Lithium Iron Phosphate	<b>(blank)</b> none <sup>2</sup> SDRT Self-diagnostics, remote test AELR Automated Emergency Lighting Reporting <sup>3</sup>	LLH Less lamp heads <sup>4</sup> HO High-output battery EHO Extra High-output battery WPVS Wet protective vandal shield <sup>5</sup> BAA Buy America(n) Act Compliant PM Pendant mount <sup>6</sup>
<b>ELM6L</b> 1100 lumens, adjustable optics	<b>(blank)</b> SP1100L 1100 lumen, 10.6 watt, Spot Pattern, two lamp					

Other Accessories: Order as separate catalog number.	
WPVS LRG W	Wet protective vandal shield, white (must be used for wet location applications)
WPVS LRG B	Wet protective vandal shield, black (must be used for wet location applications)
ELA WG1	Wireguard, 13 3/4" H x 15 1/4" W x 6" D (see spec sheet <a href="#">ELA-WG</a> ).
RTKIT	Remote test kit, up to 40' away (includes goggles, laser and battery)



ELM4L-ELM6L mounted inside the WPVS

**Notes**

1 Extended run-time or remote capacity is standard. New ELMRE and ELMRW style remotes are compatible with both SDRT and non-SDRT versions (see page 4).

2 Only available with ELM4L.

3 SDRT option required. AELR radio transmits monthly and annual test results and diagnostics information for automated reporting requirements. Only available with LTP battery type. Not available with BAA option.

4 ELM4L with LLH (less lamp heads) not available with SDRT. ELM6L with LLH only available with SDRT.

5 Must be ordered when using for wet location applications. WPVS breaks out and ships separately and color will match (ex: WPVS LRG B). Decreases delivered lumens up to 20%. See spec sheet [WPVS](#) for more information.

6 Pendant mount option will include a 12" long 3/8-16 UNC threaded rod and hardware. Not available with any other lengths.

## ELM4L-ELM6L Quantum® LED Contemporary Commercial Emergency Light

### REMOTES

**BATTERY CAPACITY AND LOADING**

Battery Option (LTP Only)	Battery Voltage	Total Capacity 90 Minutes	LP220L (1.2 Watts each) Maximum # Remote Lamps <sup>1</sup>	SP640L (3.3 Watts each) Maximum # Remote Lamps <sup>1</sup>	SP1100L (5.3 Watts each) Maximum # Remote Lamps <sup>1,2</sup>
ELM4L LLH LTP	9.6V	11 watts	9	3	2
ELM4L LLH HO	9.6V	22 watts	18	6	4
ELM4L LLH EHO	12.8V	32 watts	26	9	6
ELM4L LTP	9.6V	11 watts	3	1	0
ELM4L LTP HO	9.6V	22 watts	12	4	2
ELM4L LTP EHO	12.8V	32 watts	21	7	6
ELM6L LTP	9.6V	11 watts	0	0	0
ELM6L LTP HO	9.6V	22 watts	9	3	2
ELM6L LTP EHO	12.8V	32 watts	17	6	4
ELM6L LLH LTP	9.6V	11 watts	9	3	2
ELM6L LLH LTP HO	9.6V	22 watts	18	6	4
ELM6L LLH LTP EHO	12.8V	32 watts	26	9	6

**Notes**

1. These are in addition to the lamp heads on the product.

2. ELMRW not available with SP1100L lamp type. For SP1100L wet location applications, order ELMRE with WPVS.

**ELMRE Compatible Remotes<sup>1,2</sup>**

LTP Compatible Remote Accessories: Order as separate catalog number.	
ELMRE LP220L SGL <sup>1,2</sup>	Single LED Indoor remote head, white.
ELMRE LP220L T <sup>1,2</sup>	Twin LED Indoor remote heads, white.
ELMRE SP640L SGL <sup>1,2</sup>	Single LED Indoor remote head, white.
ELMRE SP640L T <sup>1,2</sup>	Twin LED Indoor remote heads, white.
ELMRE SP1100L SGL <sup>1,2</sup>	Single LED Indoor remote head, white.
ELMRE SP1100L T <sup>1,2</sup>	Twin LED Indoor remote heads, white.
ELMRW LP220L DDBTXD SGL <sup>1,3</sup>	Single LED Wet Location remote head, dark bronze, 110 lumens
ELMRW LP220L DDBTXD T <sup>1,3</sup>	Twin LED Wet Location remote heads, dark bronze, 220 lumens
ELMRW SP640L DDBTXD SGL <sup>1,3</sup>	Single LED Wet Location remote head, dark bronze, 320 lumens
ELMRW SP640L DDBTXD T <sup>1,3</sup>	Twin LED Wet Location remote heads, dark bronze, 640 lumens

**Notes**

1. Compatible with SDRT and non-SDRT versions.

2. Order the WPVS accessory for wet location listing and vandal protection.

3. See ELMRW Spec sheet for color options. Available in aluminum glossy, white glossy, black glossy, and dark bronze textured.


[ELMRE LP220L SGL](#)

[ELMRE LP220L T](#)

[ELMRE SP640L SGL](#)

[ELMRE SP640L T](#)

[ELMRE SP1100L SGL](#)

[ELMRE SP1100L T](#)

[ELMRW LP220L DDBTXD SGL](#)

[ELMRW LP220L DDBTXD T](#)

[ELMRW SP640L DDBTXD SGL](#)

[ELMRW SP640L DDBTXD T](#)

## ELM4L-ELM6L Quantum® LED Contemporary Commercial Emergency Light

### SPECIFICATIONS

ELECTRICAL			
Primary Circuit			
Type	Volts	Input amps	Watts
Nicad	120	0.032	3.15
	347	0.036	3.15
Lithium Iron Phosphate (SDRT)	120	0.028	2.78
	347	0.033	2.78
Lithium Iron Phosphate (HO option)	120	0.046	4.77
	347	0.046	4.77
Lithium Iron Phosphate (EHO option)	120	0.052	5.95
	347	0.045	5.95

BATTERY			
Nicad (6V)			
Typical Shelf life <sup>1</sup>	Typical life <sup>1</sup>	Maintenance <sup>2</sup>	Temperature range <sup>3,4</sup>
3 years	6-8 years	none	50-104°F (10-40°C)
Lithium Iron Phosphate (standard and HO option) (9.6V)			
Typical Shelf life <sup>1</sup>	Typical life <sup>1</sup>	Maintenance <sup>2</sup>	Temperature range <sup>3,4</sup>
1 year	6-8 years	none	50-104°F (10-40°C)
Lithium Iron Phosphate (EHO option) (12.8V)			
Typical Shelf life <sup>1</sup>	Typical life <sup>1</sup>	Maintenance <sup>2</sup>	Temperature range <sup>3,4</sup>
1 year	6-8 years	none	50-104°F (10-40°C)

## Notes

1 At 77°F ambient temperature, charge/discharge cycles and prolonged full discharge may reduce useful life.

2 All life safety equipment, including emergency lighting for path of egress must be tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required testing could jeopardize the safety of occupants and will void all warranties.

3 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

4 Battery life is negatively impacted by many variables including temperature, charging rates, number of cycles and deep discharges due to long periods of time without AC power.

## BATTERY CAPACITY FOR EXTENDED RUN-TIMES

Battery Option	Total Capacity 2 hours	Remote Capacity 2 hours*	Total Capacity 4 hours	Remote Capacity 4 hours*
ELM4L - LTP	8.25 watts	NA	NA	NA
ELM4L - HO	16.5 watts	9.9 watts	8.25 watts	NA
ELM4L EHO	24 watts	17.4 watts	12 watts	5.4 watts
ELM6L - LTP	8.25 watts**	8.25 watts**	NA	NA
ELM6L HO	16.5 watts	5.9 watts	8.25 watts**	8.25 watts**
ELM6L EHO	24 watts	13.4 watts	12 watts	12 watts**

\* Remote capacity left after using standard lamps shipped mounted on luminaire. ELM4L standard high performance LED lamp heads are rated at 3.3 watts each, delivering a total of 640 lumens. ELM6L standard high performance LED lamp heads are rated at 5.3 watts each, delivering a total of 1,100 lumens. These lamps are different in both wattage and performance from the LT24 compatible remotes.

\*\* LLH option only

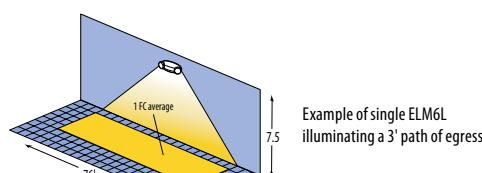
### SPACING GUIDELINES

\*Note: To see complete photometric report or download the .ies file for this product, visit Lithonia Lighting ELM4L and ELM6L home page.

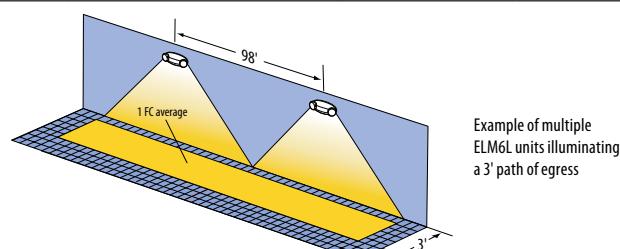
Maximum Spacing Guidelines — ELM4L <sup>1</sup>						
Mounting Height	Illumination Level	Single Luminaire		Multiple Luminaire		Application Notes
		3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg <sup>1</sup>	62'	58'	67'	60'	100' Corridor, 8' wide, and 12' high with 80/50/20 reflectances  Retail open area: 200' X 15' X 30' with 80/50/20 reflectances
10'	1FC Avg <sup>1</sup>	62'	58'	67'	60'	
7.5'	1FC Avg <sup>1</sup>	52'	40'	66'	58'	
10'	1FC Avg <sup>1</sup>	52'	48'	64'	60'	
12'	1FC Avg <sup>1</sup>	52'	48'	62'	59'	
16'	1FC Avg <sup>1</sup>	52'	44'	61'	58'	
20'	1FC Avg <sup>1</sup>	44'	42'	60'	58'	
24'	1FC Avg <sup>1</sup>	34'	34'	42'	58'	

## Notes:

1. Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ration of 40:1.

Maximum Spacing Guidelines — ELM6L<sup>1</sup>

Mounting Height	Illumination Level	Single Luminaire		Multiple Luminaire		Application Notes
		3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg <sup>1</sup>	76'	74'	98'	90'	100' Corridor, 8' wide, and 12' high with 80/50/20 reflectances  Retail open area: 200' X 15' X 30' with 80/50/20 reflectances
10'	1FC Avg <sup>1</sup>	76'	74'	98'	88'	
7.5'	1FC Avg <sup>1</sup>	60'	48'	77'	68'	
10'	1FC Avg <sup>1</sup>	78'	56'	85'	82'	
12'	1FC Avg <sup>1</sup>	68'	66'	77'	74'	
16'	1FC Avg <sup>1</sup>	72'	68'	72'	74'	
20'	1FC Avg <sup>1</sup>	66'	64'	70'	68'	
24'	1FC Avg <sup>1</sup>	66'	56'	65'	62'	



**Job Name:**

MADISON METHODIST CHURCH RETRO FIT AND  
RENOVATION  
Engineer: Electrical Design Consultants - Macon  
(Macon)

**Catalog Number:**

AFO SERIES

Notes:

**Type:**

LAI26-274992

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Ideal for applications requiring low-profile, attractive emergency lighting with normally-off or normally-on with photocell control. Provides a minimum of 90 minutes of illumination both indoors and outdoors upon loss of AC power. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Compact, low-profile, architectural design with die-cast aluminum housing. Finishes are textured powder coat paint for white and dark bronze. Test switch and indicator light are both located on the bottom of the housing for unit and remote and is easily accessible and visible from the floor.

**OPTICS** — LEDs with life expectancy of L70 of 60,000 hours. Delivers 1275 lumens in Normal-On operation and 350 lumens in Emergency operation

Wide throw distribution: Outdoor wide throw distribution: 30' (3' path of egress) at a 7.5' mounting height with 1 FC Average.

5,000K correlated color temperature (CCT).

**ELECTRICAL** — MVOLT (120 thru 277V, 50/60hz). Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.

Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages. Prevents over/undercharging that shortens battery life and reduces capacity. Filtered charger input minimizes charge voltage ripple and extends battery life. Photocell feature standard for normally on product to discontinue illumination during periods when ambient light is present.

**BATTERY**: Sealed, maintenance-free nickel-cadmium.

**SELF-DIAGNOSTICS (SD OPTION)**: Automatic 24-hour recharge after a 90-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period. Brownout protection is automatically switched to emergency mode when supply voltage drops below approximately 80 percent nominal of 120V. AC/LVD re-set allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Self-Diagnostics: Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

Self-diagnostic testing: 30 seconds every 30 days and 90 minutes annually. Diagnostic evaluation of lamps, AC to DC transfer, battery charging and condition of microprocessor.

Manual testing: Test switch provides manual activation of 30-second/30-minute/90-minute diagnostic testing for on-demand visual inspection.

**INSTALLATION** — Wall mount: typically meets 7.5' to 14' mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" octagon j-box (wall mount) and accepts rigid or flex conduit.

**LISTINGS** — UL wet location listed standard at 32-122°F (0-50°C). Unit with CW (cold weather) listed for -22°F to 122°F (-30° to 50°). Meets or exceeds all applicable requirements for UL 924, NFPA 101 (current Life Safety code), NFPA 70 (NEC), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA. Meets City of Chicago Code.

**WARRANTY** — 5-year limited warranty (Battery is pro-rated). This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

† Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database.

**SELF-POWERED MODELS****ORDERING INFORMATION**

For the shortest lead times, configure product using **bolded options**.

Example: AFO DB MVOLT N SD CW

Please Confirm All Options					
Series	Housing Color	Voltage	Battery Type	Automatic Testing	Options
<b>AFO Signature® Oval</b>	W White textured DB Dark bronze textured	<b>MVOLT</b> 120-277, 50/60hz	N Nicad	SD Self-diagnostics	CW Cold Weather (-30 - 50C)

Catalog  
Number

Notes

Type



Die-Cast Architectural Emergency Light

**AFO**

**MOUNTING**

All dimensions are inches (centimeters).

Shipping weights:

Standard battery option: 4.4 lbs (2.0kg)

CW battery option : 4.6 lbs (2.1kg)

Length: 6 1/2 (16.51)

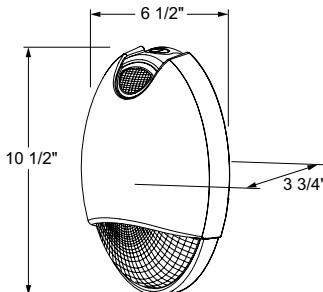
Depth: 3 3/4 (9.53)

Height: 10 1/2 (26.67)

Weights:

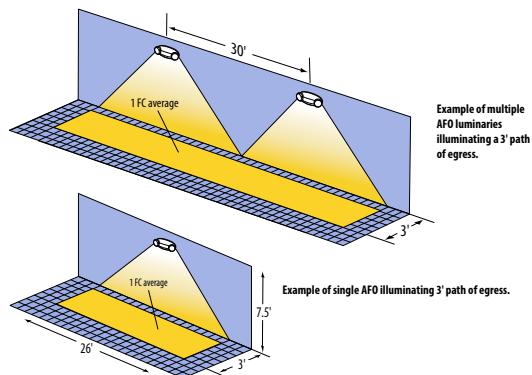
Standard battery option: 4.2 lbs (1.9kg)

CW battery option : 4.4 lbs (2.0kg)



## AFO Signature® Oval Die-Cast Architectural Emergency Light

### AFO SPACING GUIDELINES



#### Maximum Spacing Guidelines - AFO

Mounting Height	Illumination Level	Single Luminaire		Multiple Luminaire		Application Notes *
		3' Path of Egress	6' Path of Egress	3' Path of Egress	6' Path of Egress	
7.5'	1FC Avg	26'	20'	30'	26'	200' Open Space 80/50/20 reflectances
10'		14'	12'	22'	20'	
12'		N/A	N/A	18'	17'	
14'		N/A	N/A	14'	14'	

\* Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1.

## SPECIFICATIONS

Electrical: Primary Circuit			
Battery Type	Input Voltage(V)	Input Current(A)	Watts(W)
N	120-277V	0.026	2.8
N CW	120-277V	0.026	2.8

### BATTERY

Nicad					
Type	Voltage	Typical Shelf Life <sup>1</sup>	Typical Life <sup>1</sup>	Maintenance <sup>2</sup>	Temperature range <sup>3,4</sup>
STD	4.8V	3 years	7-9 years	none	32 - 122°F (0 - 50°C)
CW	4.8V	3 years	7-9 years	none	-22 - 122°F (-30 - 50°C)

#### Notes

- 1 At 77°F (25°C).
- 2 Battery life is negatively impacted by many variables including temperature, charging rates, number of cycles and deep discharges due to long periods of time without AC power.
- 3 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- 4 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. See option packages for expanded temperature ranges.