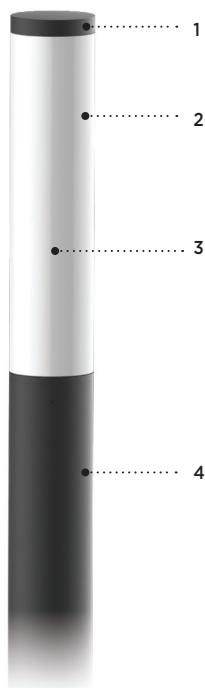
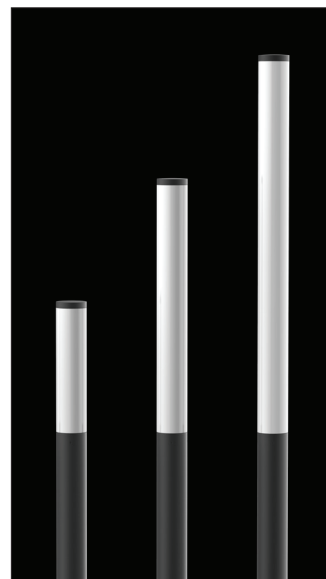


TYPE:	QUANTITY:	PROJECT:					
CATALOG NUMBER:							
	FIXTURE	LED LIGHT SELECTION	COLUMN	VOLTAGE	FINISH	OPTION	OPTION



- 1- Heavy cast aluminum top cover with embedded heat sink.
- 2- Ø 6" (152mm) High impact white translucent acrylic diffuser UV stabilized.
- 3- LED array.
- 4- Ø 6" (152mm) Extruded aluminum column.

CL620/CL640/CL670



MATERIALS

LumiSTIK column is made of 6061-T6 extruded aluminum alloy. All other cast parts are corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

LED boards are contained in a white UV stabilized high impact acrylic sealed cylinder. The assembly is designed to provide a uniform column illumination.

LumiSTIK column is available in three standard acrylic lengths. Other lengths are available on request.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C/-40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Driver for RGBW is DMX512 / RDM compatible.

LED 2700K/3000K/3500K/4000K CCT with 80 CRI. Optional RGBW.

LIFE

50,000hrs $L_{85}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

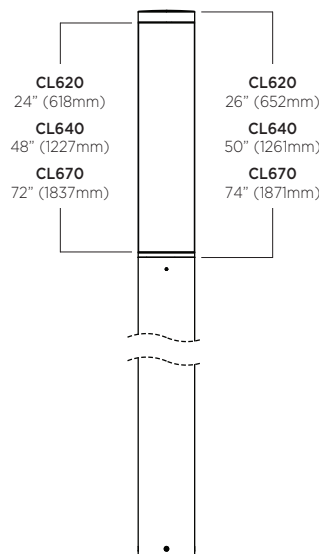
CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.

Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. Rated IP65.

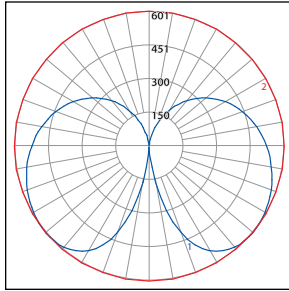
MOUNTING

LumiSTIK column is designed for ease of access and installation. See page 3 for mounting details.



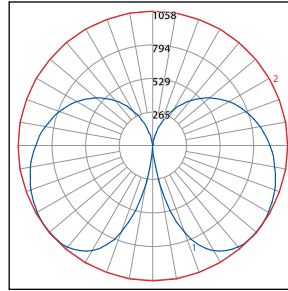
CL620/CL640/CL670 SERIES LumiSTIK - LED

TYPICAL PHOTOMETRY SUMMARY



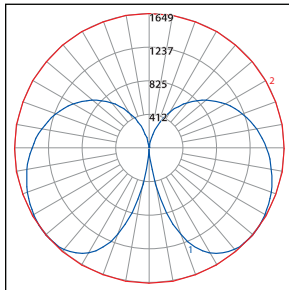
Descriptive Information

CL620-L4L50
Total Lms: 5695 Lumens
Total Input Watts: 58.8 W
Efficacy: 97 Lumens/Watt
BUG: B2-U5-G3
CCT/CRI: 4000K/80
Maximum Candela: 600 @ 42.5°H/29°V



Descriptive Information

CL640-L8L100
Total Lms: 10,029 Lumens
Total Input Watts: 100.9 W
Efficacy: 99 Lumens/Watt
BUG: B3-U5-G4
CCT/CRI: 4000K/80
Maximum Candela: 1058 @ 42.5°H/29°V



Descriptive Information

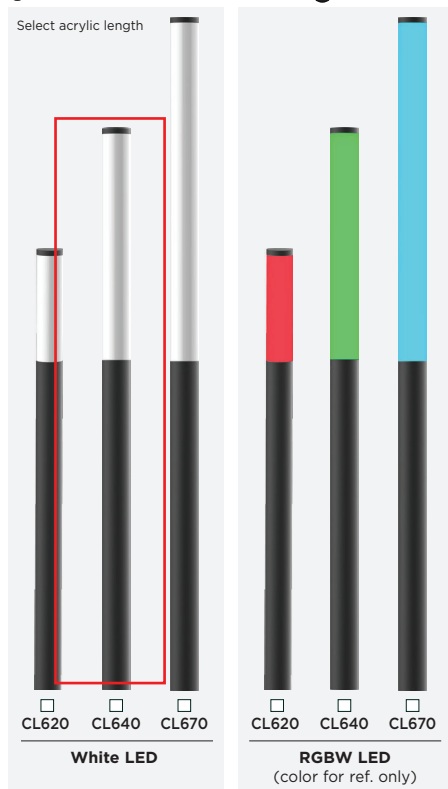
CL670-L12L150
Total Lms: 15,629 Lumens
Total Input Watts: 159.1 W
Efficacy: 98 Lumens/Watt
BUG: B3-U5-G5
CCT/CRI: 4000K/80
Maximum Candela: 1649 @ 42.5°H/29°V

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

1 MODEL SELECTION

Select acrylic length



2 LED LIGHT SELECTION

WHITE LED (4000K/ 80CRI)

SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
<input type="checkbox"/> L4L10	1210	11	605
<input type="checkbox"/> L4L20	2041	18	1020
CL620 <input type="checkbox"/> L4L30	3170	30	1585
<input type="checkbox"/> L4L40	4270	42	2135
<input type="checkbox"/> L4L50	5695	59	2847

SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
<input type="checkbox"/> L8L20	2217	20	554
<input type="checkbox"/> L8L40	4035	37	1008
CL640 <input type="checkbox"/> L8L60	5757	54	1439
<input type="checkbox"/> L8L80	8352	82	2088
<input type="checkbox"/> L8L100	10029	101	2507

SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
<input type="checkbox"/> L12L30	3224	29	537
<input type="checkbox"/> L12L60	6053	55	1008
CL670 <input type="checkbox"/> L12L90	8597	81	1432
<input type="checkbox"/> L12L120	12329	121	2054
<input type="checkbox"/> L12L150	15629	159	2604

RGBW SELECTION (CONTROLLED WITH DMX/RDM)*

SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
CL620 <input type="checkbox"/> L4RGBW	2046	35	1023
CL640 <input type="checkbox"/> L8RGBW	4158	71	1039
CL670 <input type="checkbox"/> L12RGBW	6272	108	1045

Note: Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K & 80CRI.

3 OAH COLUMN SELECTION

POLE FOR:	CL620	CL640	CL670
<input type="checkbox"/> CLP670	96"	120"	144"
<input type="checkbox"/> CLP694	120"	144"	168"
<input type="checkbox"/> CLP6118	144"	168"	192"
<input type="checkbox"/> CLP6142	168"	192"	216"
<input type="checkbox"/> CLP6166	192"	216"	240"

(OAH Column consists of acrylic + pole)

4 VOLTAGE¹

- ☐ 120V
☐ 277V

- Optional
☐ 347V
☐ 480V

5 FINISH

STANDARD COLORS

- ☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
☐ RAL RAL# color

☐ MG Marine Grade⁵
(Ensure to also select the standard color)

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CL620/CL640/CL670 SERIES

LumiSTIK - LED

OPTIONS

ELECTRICAL

- ☐ **FS** Fuse
- ☐ **PH** Photocell²
- ☐ **SP** Surge protector 10KV

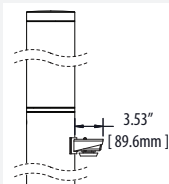
CCT & CRI

Alternate CCT °K LED for white LED. (LCF: Lumen conversion factor)

- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)
 - ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
 - ☐ **K35** 3500K CCT 80 CRI (LCF: 0.98)
 - ☐ **K4** 4000K CCT 80 CRI (LCF: 1.00)
- NOTE: Other CCT & higher CRI available, please consult factory. Does not apply for RGBW.

MOTION SENSOR DEVICE

- ☐ **MSD** Motion sensor device (High/low to 25%) 255° coverage
Installed at 180° from hand hole
120/277VAC, 50/60Hz (or 230VAC, 50Hz)

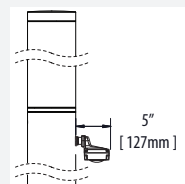


ACCESSORIES

- ☐ **GFI** Ground fault interruption receptacle³
- ☐ **CGF** Ground fault interruption with clear in-use cover³
- ☐ **BNF** Fixed 24" banner support (single arm at top)⁴
- ☐ **2BNF** Two fixed 24" banner supports (arm at top & bottom)⁴
- ☐ **BNF180** Two fixed 24" banner supports at 180° (arms at top only)⁴
- ☐ **2BNF180** Four fixed 24" banner supports at 180° (arms at top & bottom)⁴
- ☐ **DECO1**^{10,11} Full decorative shroud with round perforations. See page 5 for more details.
- ☐ **DECO2**^{10,11} Full decorative shroud with vertical slots. See page 5 for more details.
- ☐ **DECO3**^{10,11} Half blackout shield. See page 5 for more details.
- ☐ **DECO4**¹¹ Half blackout shield. Field installable. See page 5 for more details.

CONTROL

- ☐ **NLTAIR2** nLight AIR Control gen2, Pole mounted black sensor.^{6,7} 270° coverage. Installed at 180° from hand hole.



NOTES

- 1- Luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- Photocell installed on the side of the fixture.
- 3- GFI and CGF options are installed 26" above grade unless otherwise specified. CGF cover protrudes by Ø 3.62" (92mm). 120V required for GFI or CGF.
- 4- BNF, 2BNF, BNF180 & 2BNF180 are factory set in position as required. Location along pole to be specified.
- 5- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required please contact factory for info.
- 6- Not compatible with PH, MSD.
- 7- White sensor available upon request.
- 8- OAH increases by 1" for RGBW models. See page 5 for details.
- 9- RGBW not available with 347V, 480V, PH, MSD, NLTAIR2.
- 10- OAH varies for DECO1/2/3 models. See page 5 for details.
- 11- Not compatible with RGBW.

RGBW DETAILS

RGBW DMX

Total delivered lumens⁹

	Maximum output values								
	WHITE 4000K			TOT RGB			TOT		
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
CL620	9	1041	521	26	1005	502	35	2046	1023
CL640	19	2123	531	52	2035	508	71	4158	1039
CL670	28	3205	534	79	3067	511	108	6272	1045

The fixtures will be delivered with the default address 1.

RGBW - DMX / RDM 4 channels

Users can generate any color by mixing the intensity of four independent red, green, blue and white channels.

COLOR	R	G	B	W
CHANNEL	1	2	3	4

NOTE: Default factory settings.
Controller supplied by others.

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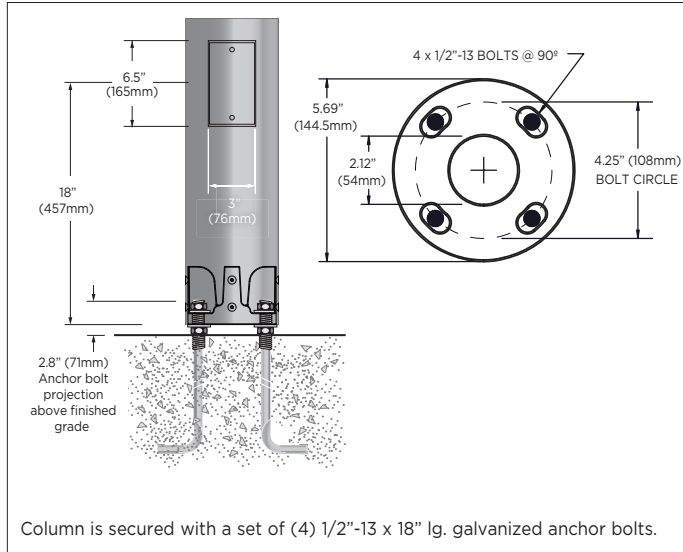
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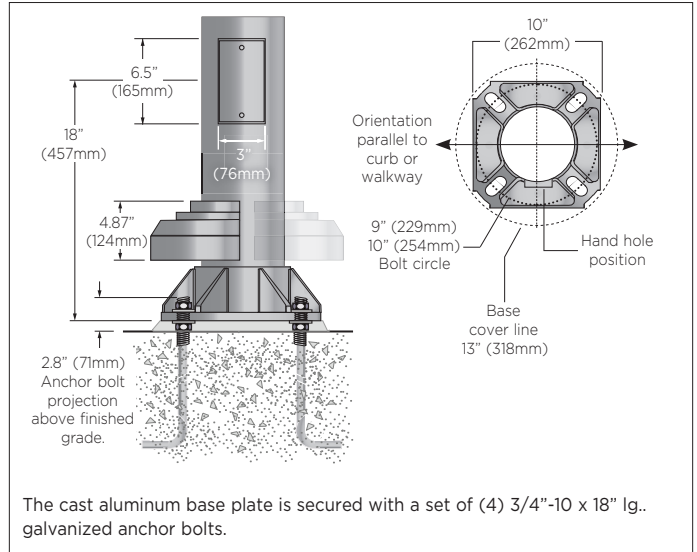
CL620/CL640/CL670 SERIES LumiSTIK - LED

MOUNTING INFORMATION

OVERALL HEIGHTS FROM 96" (8FT) TO 144" (12FT)



OVERALL HEIGHTS ABOVE 144" (12FT)



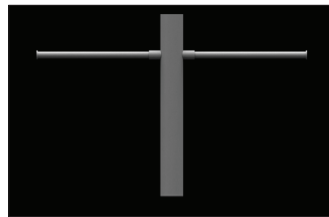
MOUNTING ACCESSORIES



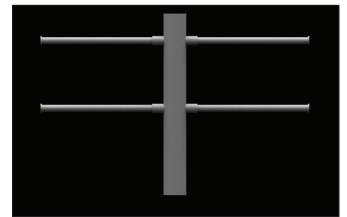
BNF: Fixed 24" banner support



2BNF: Two fixed 24" banner supports



BNF180: Two fixed 24" banner supports at 180°

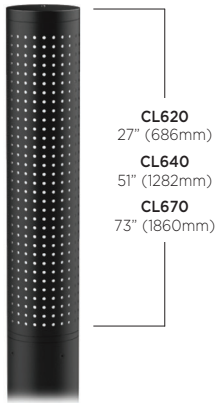


2BNF180: Four fixed 24" banner supports at 180°



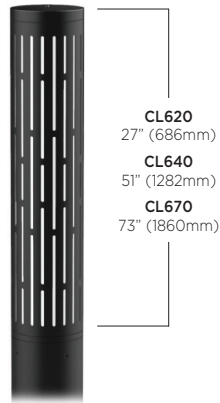
CL620/CL640/CL670 SERIES LumiSTIK - LED

ACCESSORIES



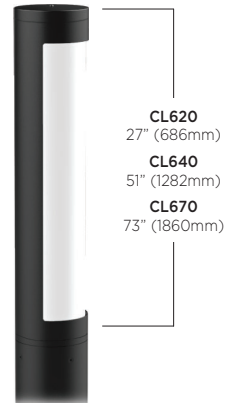
DECO1

Decorative shroud. 360° shield with circular pattern. 9% light transmission. Cannot be installed on-site. (CL620 shown here)



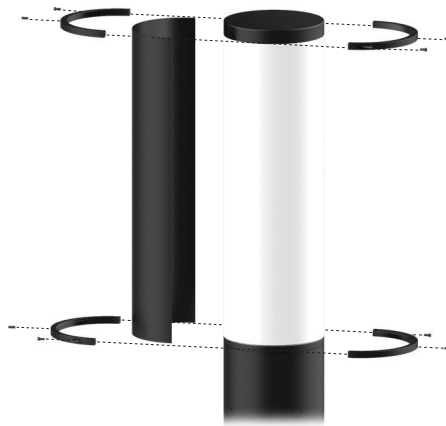
DECO2

Decorative shroud. 360° shield with vertical slot pattern. 23% light transmission. Cannot be installed on-site. (CL620 shown here)



DECO3

Blockout 180° shield. Cannot be installed on-site. (CL620 shown here)



DECO4

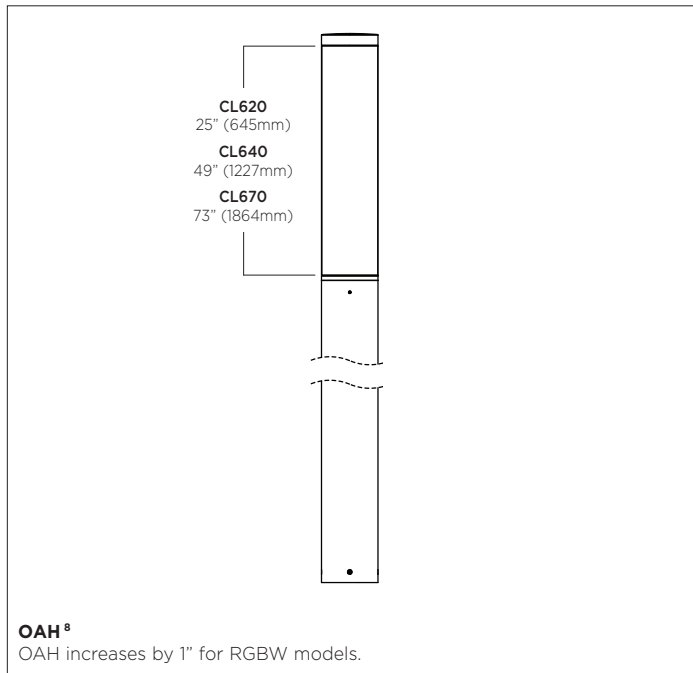
Blockout 180° shield. Field installable. (CL620 shown here)



CL613/CL623 SERIES

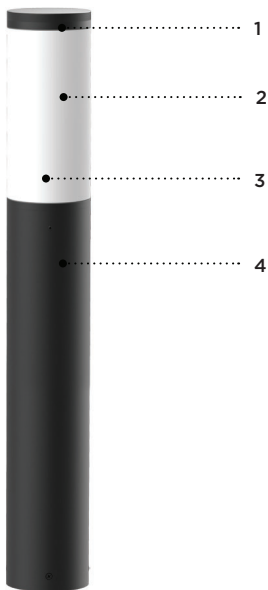
LumiSTIK - LED

RGBW DIMENSIONS



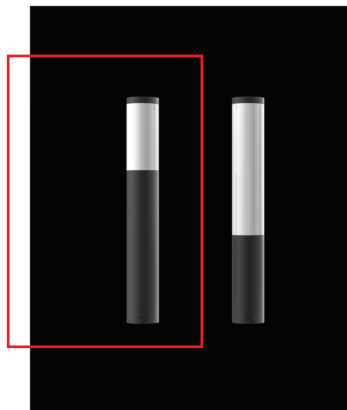
TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:							
	FIXTURE	LED LIGHT SELECTION	VOLTAGE	FINISH	OPTION	OPTION	OPTION



- 1- Heavy cast aluminum top cover with embedded heat sink.
- 2- Ø 6" (152mm) High impact white translucent acrylic UV stabilized.
- 3- LED array.
- 4- Ø 6" (152mm) extruded aluminum base.

CL613/CL623



MATERIALS

LumiSTIK bollard is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
LED is contained in a white UV stabilized high impact acrylic sealed cylinder. The assembly is designed to provide a uniform column illumination.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C/-40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Driver for RGBW is DMX512 / RDM compatible.

LED 2700K/3000K/3500K/4000K CCT with 80 CRI. Optional RGBW.

LIFE

50,000hrs L_{85B50} (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

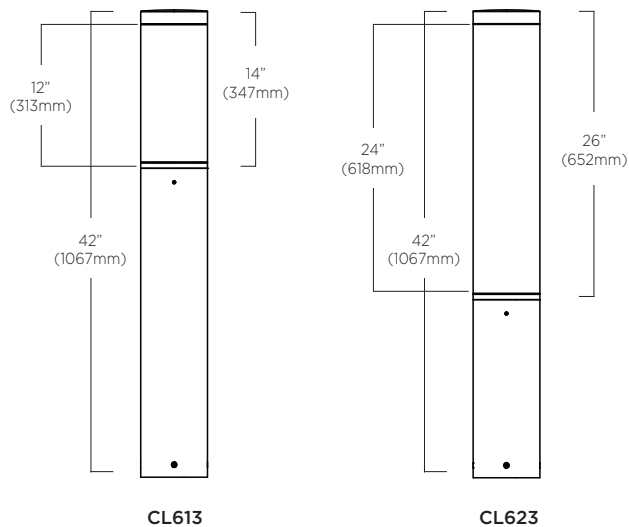
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. Rated IP65.

MOUNTING

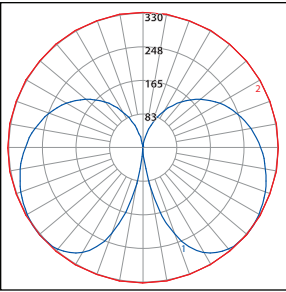
Mounts with a set of 4 x 1/2"-13 x 18" lg. galvanized anchor bolts.
See page 3 for mounting details.



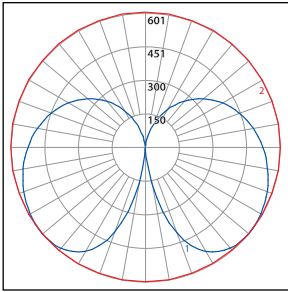
CL613

CL623

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information
CL613-L4L30
Total Lms: 3129 Lumens
Total Input Watts: 32.2 W
Efficacy: 97 Lumens/Watt
BUG: B1-U4-G2
CCT/CRI: 4000K/80
Maximum Candela: 330 @ 42.5°H/29°V

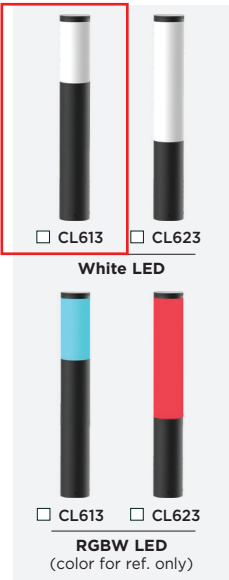


Descriptive Information
CL623-L4L50
Total Lms: 5695 Lumens
Total Input Watts: 58.8 W
Efficacy: 97 Lumens/Watt
BUG: B2-U5-G3
CCT/CRI: 4000K/80
Maximum Candela: 600 @ 42.5°H/29°V

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

1 MODEL



2 LED LIGHT SELECTION

WHITE LED (4000K/ 80CRI)				
	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
CL613	<input type="checkbox"/> L4L5	605	5	605
	<input type="checkbox"/> L4L10	1009	9	1009
	<input type="checkbox"/> L4L15	1585	15	1585
	<input type="checkbox"/> L4L20	2135	21	2135
	<input type="checkbox"/> L4L30	3129	32	3129
CL623	<input type="checkbox"/> L4L10	1210	11	605
	<input type="checkbox"/> L4L20	2041	18	1020
	<input type="checkbox"/> L4L30	3170	30	1585
	<input type="checkbox"/> L4L40	4270	42	2135
	<input type="checkbox"/> L4L50	5695	59	2847
RGBW SELECTION (CONTROLLED WITH DMX/RDM) 7				
	SUFFIX	DELIVERED LUMENS	INPUT WATTS	LM / FT
CL613	<input type="checkbox"/> L4RGBW	1154	21	1154
CL623	<input type="checkbox"/> L4RGBW	2046	35	1023
Note: Values are for total delivered lumens. For individual maximum output values, refer to page 3. White CCT is 4000K & 80CRI.				

3 VOLTAGE 1

4 FINISH

- ☐ 120V
☐ 277V

Optional
☐ 347V
☐ 480V
- STANDARD COLORS**
☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS
☐ CS Custom color
☐ RAL RAL# color

☐ MG Marine Grade 5
(Ensure to also select the standard color)

OPTIONS

ELECTRICAL

- ☐ REML2-50 Remote mount battery backup for LED 90 mins, 7W
Remote mount to 50ft. 12" square enclosure with acces cover²
- ☐ FS Fuse
☐ PH Photocell³
☐ SP Surge protector 10KV

ACCESSORIES

- ☐ GFI Ground fault circuit interruption receptacle (CL613 only)⁴
☐ CGF Ground fault circuit interruption with clear in-use cover (CL613 only)⁴
- ☐ DECO1^{8,9} Full decorative shroud with round perforations.
See page 4 for more details.
- ☐ DECO2^{8,9} Full decorative shroud with vertical slots.
See page 4 for more details.
- ☐ DECO3^{8,9} Half blackout shield.
See page 4 for more details.
- ☐ DECO4⁹ Half blackout shield. Field installable.
See page 4 for more details.

CCT & CRI

- Alternate CCT °K LED for white LED. (LCF: Lumen conversion factor)
☐ K27 2700K CCT 80 CRI (LCF: 0.91)
☐ K3 3000K CCT 80 CRI (LCF: 0.94)
☐ K35 3500K CCT 80 CRI (LCF: 0.98)
☐ K4 4000K CCT 80 CRI (LCF: 1.00)
- NOTE:** Other CCT & higher CRI available, please consult factory. Does not apply for RGBW.

MOUNTING

- ☐ PR6 Pedestal mount adaptor. OAH 26" (660mm). (CL613 only)

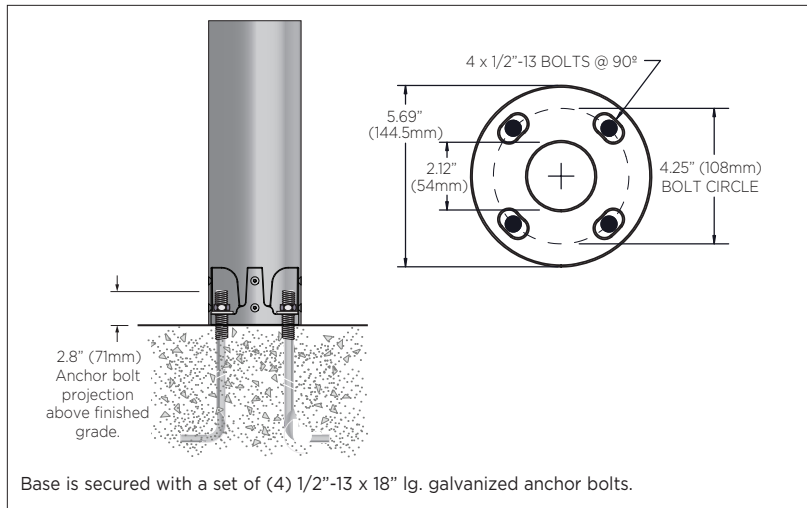
NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V.
For other voltages, please specify with catalog number, or consult factory.
- 2- The remote enclosure must be interior.
- 3- Photocell installed on the side of the fixture.
- 4- GFI and CGF options are installed 15" above grade unless otherwise specified. CGF cover protrudes by Ø 3.62" (92mm). 120V required for GFI or CGF.
- 5- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required please contact factory for info.
- 6- OAH increases by 1" for RGBW models. See page 4 for details.
- 7- RGBW not available with 347V, 480V, REML2-50, PH.
- 8- OAH increases by 1.3" for DECO1/2/3 models. See page 4 for details.
- 9- Not compatible with RGBW.



CL613/CL623 SERIES LumiSTIK - LED

MOUNTING INFORMATION



RGBW DETAILS

RGBW DMX

Total delivered lumens⁷

	Maximum output values								
	WHITE 4000K			TOT RGB			TOT		
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
CL613	5	602	602	16	552	552	21	1154	1154
CL623	9	1041	521	26	1005	502	35	2046	1023

The fixtures will be delivered with the default address 1.

RGBW - DMX / RDM 4 channels

Users can generate any color by mixing the intensity of four independent red, green, blue and white channels.

COLOR	R	G	B	W
CHANNEL	1	2	3	4

NOTE: Default factory settings.
Controller supplied by others.



CL613/CL623 SERIES LumiSTIK - LED

ACCESSORIES



CL613
15" (381mm)
CL623
27" (686mm)

DECO1

Decorative shroud. 360° shield with circular pattern. 9% light transmission. Cannot be installed on-site. (CL623 shown here)



CL613
15" (381mm)
CL623
27" (686mm)

DECO2

Decorative shroud. 360° shield with vertical slot pattern. 23% light transmission. Cannot be installed on-site. (CL623 shown here)



CL613
15" (381mm)
CL623
27" (686mm)

DECO3

Blockout 180° shield. Cannot be installed on-site. (CL623 shown here)



CL613
14" (347mm)
CL623
26" (652mm)



DECO4

Blockout 180° shield. Field installable. (CL623 shown here)

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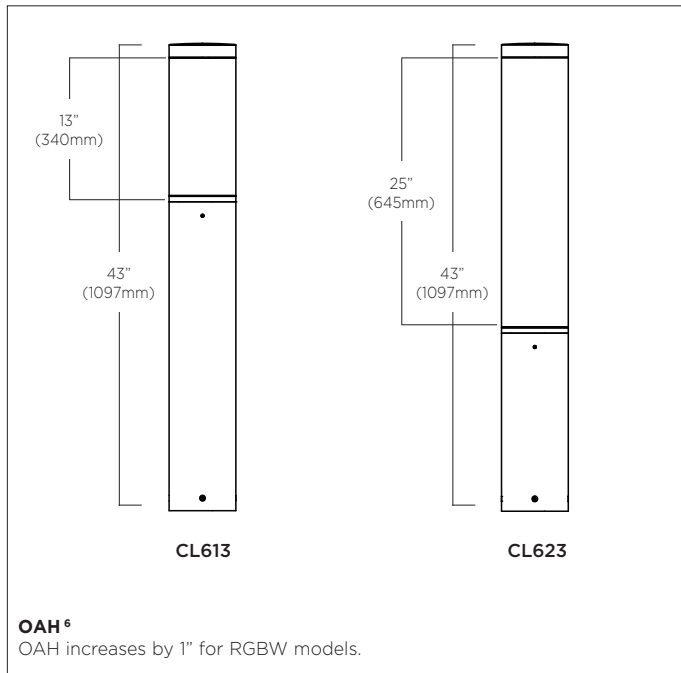
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CL613/CL623 SERIES

LumiSTIK - LED

RGBW DIMENSIONS

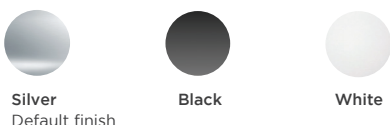


AS20G CHANNEL FIXTURE

Our AS20G Channel Fixture is a grazer channel with a 20-degree beam angle -- the narrowest we offer. A grazer lens and either mounting clips or tiltable stands create a full range of light output and design options. Custom design a grazer fixture with our AS20G Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 20°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 6.0 W/ft (19.7W/m)
- Static White delivered lumen range from 85 lm/ft (279 lm/m) up to 729 lm/ft (2391 lm/m)
- Available in silver, white, black or custom colors
- Assembled in USA

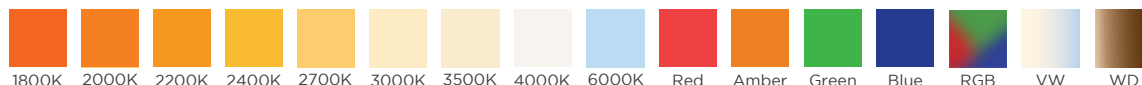
HOUSING FINISHES



AVAILABLE LENS FINISHES



AVAILABLE COLORS & COLOR TEMPERATURES



5-Day QuickShip program available with the following RibbonLyte products only:

IP20 & IP65 1.5 Static White RibbonLyte from 2700K to 4000K / 3.0 & 4.4 Static White RibbonLyte: IP20 from 2400K to 4000K, IP65 from 2700K to 3500K, IP68 3000K & 3500K / 5.0 Static White RibbonLyte: IP20 from 2700K to 4000K, IP65 3000K, IP68 3000K & 3500K / 6.0 Static White RibbonLyte: IP20 & IP65 2700K to 4000K, IP68 3000K & 3500K / IP20 3.0 Static White Matrix RibbonLyte from 2400K to 4000K / IP20 3.0 RGB Matrix RibbonLyte / IP20, IP65 & IP68 4.4 RGB RibbonLyte / IP20 4.4 RGBW/A RibbonLyte / IP20 5.5 4-in-1 RGBW+4000K RibbonLyte / IP65 & IP68 5.5 4-in-1 RGBW+3000K / IP20 1.0, 3.0, 6.0 Variable White RibbonLyte / IP20 & IP65 5.2 Warm Dim RibbonLyte

DIMENSIONS

AS20G Channel	Mounting Clip (Included Accessory)		
<p>Width: 0.61 in. (15.5 mm) Height: 0.75 in. (19 mm) Internal Width: 0.42 in. (10.7 mm)</p>	<p>Side View</p> <p>Width: 0.6 in. (15.2 mm) Length: 0.71 in. (18 mm) Height: 0.39 in. (9.9 mm)</p>	<p>Top View</p> <p>Width: 0.6 in. (15.2 mm) Length: 0.71 in. (18 mm) Hole diameter: 0.13 in. (3.3 mm)</p>	<p>Assembled View</p> <p>Width: 0.6 in. (15.2 mm) Length: 0.71 in. (18 mm) Height: 1.02 in. (25.9 mm)</p>
<p>Note:</p> <ol style="list-style-type: none"> 1. Each section of channel includes 3 mounting clips. 2. Magnetic mounting option available (see page 2) 			

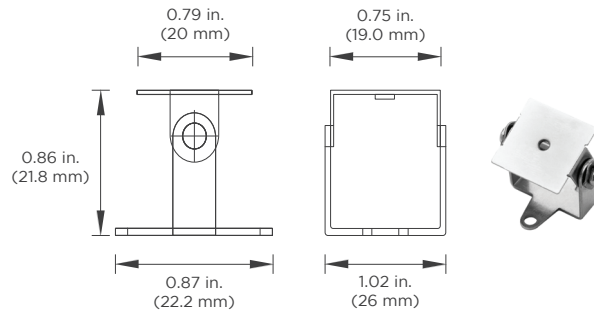
GENLED Acolyte[®] does not warrant or represent that the information is free from errors or omission. The information may change without notice and GENLED Acolyte[®] is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

SPECIFICATIONS

Beam Angle	20°
Lens Type	Grazer Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGB, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires

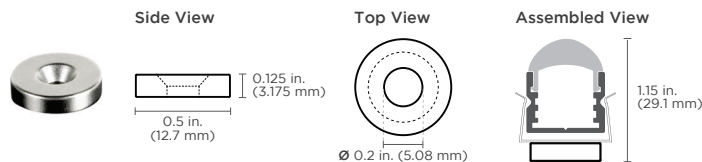
ACCESSORIES

Tilttable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.88 in. (47.8 mm)

Magnetic Mount (Part #: CHMAG0.5)



Features:

- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts
- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary
- Magnets rated for 8 lbs. of pull force with static load

Applications:

- Industrial lighting retrofits for troffers and other metal fixtures
- Metal retail shelf lighting
- Temporary light fixture installations

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAS20G	G	
CHAS20G - AS20G Channel	G - Grazer Lens	SV - Silver (default) WH - White BK - Black Consult factory for custom colors

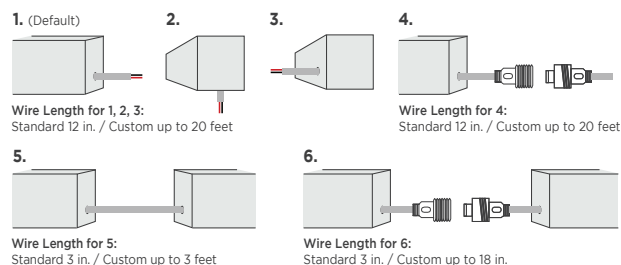
STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING
RB		
RB - RibbonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 RGB20 - RGB IP20 RGB65 - RGB IP65 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65
WATTAGE	COLOR	
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	18 - 1800K R - Red	
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	20 - 2000K A - Amber	
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)	22 - 2200K G - Green	
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color, RGB)	24 - 2400K B - Blue	
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	27 - 2700K VW - Variable White	
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB)	30 - 3000K RGB - Red, Green, Blue	
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	35 - 3500K 2920 - Warm Dim 2900K - 2000K (IP20)	
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	40 - 4000K 2721 - Warm Dim 2700K - 2100K (IP65+IP68)	
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	60 - 6000K Z - Undecided**	

** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

CONNECTION OPTIONS	Custom Length (ft.)
1 - End Feed Bare Wire Connection	4 - End Feed with IP67 Male Coupler
2 - Back Feed Bare Wire Connection	5 - Soldered Daisy Chain
3 - Side Feed Bare Wire Connection	6 - Daisy Chain With IP67 Couplers



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly	

STEP 4 Add Accessories

ACCESSORIES
TILTSTANDST - Tilttable Stand
CHMAG0.5 - Magnetic Mount

SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Grazer Lens	Standard Cable Length	Compatible with Channel		
							IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	42.8 lm/ft (140.5 lm/m)	12 in. (30.5 cm)	✓	✓	
			2000K	99	50.5 lm/ft (165.6 lm/m)				
			2200K	109	55.6 lm/ft (182.3 lm/m)				
			2400K	113	57.6 lm/ft (189 lm/m)				
			2700K	123	62.7 lm/ft (205.8 lm/m)				
			3000K	123	62.7 lm/ft (205.8 lm/m)				
			3500K	130	66.3 lm/ft (217.5 lm/m)				
			4000K	134	68.3 lm/ft (224.2 lm/m)				
			6000K	131	66.8 lm/ft (219.1 lm/m)				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	85.7 lm/ft (281 lm/m)	12 in. (30.5 cm)	✓	✓	
			2000K	98	100 lm/ft (327.9 lm/m)				
			2200K	109	111.2 lm/ft (364.7 lm/m)				
			2400K	113	115.3 lm/ft (378.1 lm/m)				
			2700K	123	125.5 lm/ft (411.5 lm/m)				
			3000K	123	125.5 lm/ft (411.5 lm/m)				
			3500K	129	131.6 lm/ft (431.6 lm/m)				
			4000K	134	136.7 lm/ft (448.3 lm/m)				
			6000K	131	133.6 lm/ft (438.3 lm/m)				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	124.2 lm/ft (407.3 lm/m)	12 in. (30.5 cm)	✓	✓	
			2000K	96	143.6 lm/ft (471.1 lm/m)				
			2200K	106	158.6 lm/ft (520.1 lm/m)				
			2400K	111	166.1 lm/ft (544.7 lm/m)				
			2700K	120	179.5 lm/ft (588.8 lm/m)				
			3000K	122	182.5 lm/ft (598.6 lm/m)				
			3500K	127	190 lm/ft (623.2 lm/m)				
			4000K	133	199 lm/ft (652.6 lm/m)				
			6000K	128	191.5 lm/ft (628.1 lm/m)				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	110	224.4 lm/ft (736 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	123	250.9 lm/ft (823 lm/m)				
			3000K	130	265.2 lm/ft (870 lm/m)				
			3500K	133	271.3 lm/ft (890 lm/m)				
			4000K	133	271.3 lm/ft (890 lm/m)				
			6000K	127	259.1 lm/ft (849.8 lm/m)				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109	326.1 lm/ft (1069.7 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	122	365 lm/ft (1197.3 lm/m)				
			3000K	129	386 lm/ft (1266 lm/m)				
			3500K	132	394.9 lm/ft (1295.4 lm/m)				
			4000K	132	394.9 lm/ft (1295.4 lm/m)				
			6000K	126	377 lm/ft (1236.5 lm/m)				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	110	374 lm/ft (1226.7 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	123	418.2 lm/ft (1371.7 lm/m)				
			3000K	130	442 lm/ft (1449.8 lm/m)				
			3500K	133	452.2 lm/ft (1483.2 lm/m)				
			4000K	133	452.2 lm/ft (1483.2 lm/m)				
			6000K	127	431.8 lm/ft (1416.3 lm/m)				

SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Grazer Lens	Standard Cable Length	Compatible with Channel		
							IP20	IP65	IP68
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	444.7 lm/ft (1458.7 lm/m)	12 in. (30.5 cm)	✓	✓	
			2700K	122	497.8 lm/ft (1632.7 lm/m)				
			3000K	129	526.3 lm/ft (1726.3 lm/m)				
			3500K	132	538.6 lm/ft (1766.5 lm/m)				
			4000K	132	538.6 lm/ft (1766.5 lm/m)				
			6000K	126	514.1 lm/ft (1686.2 lm/m)				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	26 lm/ft (86 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	175	112 lm/ft (366 lm/m)				
			Blue	19	12 lm/ft (40 lm/m)				
			Amber	34	22 lm/ft (71 lm/m)				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	54 lm/ft (176 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	160	204 lm/ft (669 lm/m)				
			Blue	18	23 lm/ft (75 lm/m)				
			Amber	34	43 lm/ft (142 lm/m)				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	79 lm/ft (258 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	145	271 lm/ft (889 lm/m)				
			Blue	18	34 lm/ft (110 lm/m)				
			Amber	33	62 lm/ft (202 lm/m)				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	81.6 lm/ft (267.6 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	127	259.1 lm/ft (849.8 lm/m)				
			Blue	25	51 lm/ft (167.3 lm/m)				
			Amber	29	59.2 lm/ft (194 lm/m)				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	113.7 lm/ft (372.9 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	117	350.1 lm/ft (1148.2 lm/m)				
			Blue	24	71.8 lm/ft (235.5 lm/m)				
			Amber	25	74.8 lm/ft (245.3 lm/m)				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	125.8 lm/ft (412.6 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	116	394.4 lm/ft (1293.6 lm/m)				
			Blue	24	81.6 lm/ft (267.6 lm/m)				
			Amber	26	88.4 lm/ft (290 lm/m)				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	151 lm/ft (495.1 lm/m)	12 in. (30.5 cm)	✓	✓	
			Green	113	461 lm/ft (1512.2 lm/m)				
			Blue	23	93.8 lm/ft (307.8 lm/m)				
			Amber	24	97.9 lm/ft (321.2 lm/m)				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	57.8 lm/ft (189.6 lm/m)	12 in. (30.5 cm)	✓	✓	
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80	163.2 lm/ft (535.3 lm/m)	12 in. (30.5 cm)	✓	✓	
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75	306 lm/ft (1003.7 lm/m)	12 in. (30.5 cm)	✓	✓	
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	55.4 lm/ft (181.6 lm/m)	12 in. (30.5 cm)	✓	✓	
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	110.7 lm/ft (363.1 lm/m)	12 in. (30.5 cm)	✓	✓	
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	194.5 lm/ft (637.9 lm/m)	12 in. (30.5 cm)	✓	✓	

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS



**30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers**

Part No.:

- DRVW2430 (30 Watt)
- DRVW2460 (60 Watt)
- DRVW2496 (96 Watt)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



**240W, 320W
Non-Dimming
Electronic Drivers**

Part No.:

- DRVW24240 (240 Watt)
- DRVW24320 (320 Watt)

Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized



**40W
Lutron Hi-Lume 1% Dimming
Class 2 Drivers**

Part No.:

- DRVLUT24403W (40 Watt, 3-wire)
- DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC (3-wire model)
or 120V (2-wire model)
IP Rating: Dry or Damp
Dimmable using 2-wire forward phase,
3-wire+G or digital EcoSystem
UL Listed



**96W
Lutron Hi-Lume Premier 0.1% Dimming
Class 2 Driver**

Part No.:

- DRVLUT24963W (96 Watt, 3-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
Dimmable using 3-wire+G or digital EcoSystem
0.1% dimming SoftOn/FadeToBlack
with EcoSystem
UL Listed

MAGNETIC, ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



120 VAC

**60W, 96W, 200W, 300W
Class 1 & 2 Magnetic Drivers**

Part No.:

- DRVWDIM2460 (60 Watt)
- DRVWDIM24100 (96 Watt)
- DRVWDIM24200 (200 Watt)
- DRVWDIM24300 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 120 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed



277 VAC

**60W, 96W, 200W, 300W
Class 1 & 2 Magnetic Drivers**

Part No.:

- DRVWDIM2460277 (60 Watt)
- DRVWDIM24100277 (96 Watt)
- DRVWDIM24200277 (200 Watt)
- DRVWDIM24300277 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 277 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed



**60W, 96W, 150W, 200W
ELV & MLV Drivers**

Part No.:

- DRVW2460ELV (60 Watt)
- DRVW2496ELV (96 Watt)
- DRVW24150ELV (150 Watt)
- DRVW24200ELV (200 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-130 VAC
IP Rating: Dry or Damp
Dimmable
ETL, UL and CSA Listed



LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with GENLED Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on GENLED Acolyte® product website page.

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS

DIMMING MODULE



0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed



LUTRON DIVA Dimmer

Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish



LUTRON NOVA-T Dimmer

Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



Variable White Dimming Module

- Part No.: VWDIMMOD
- 1 dimming module required per 30 ft (9.1 m)
 - This product is only compatible with Variable White RibbonLyte, not Variable White Amber or Variable White Red. Works with any 0-10V dimmers to provide CCT change with one dimmer and brightness change with the other.

Note: Max length before additional power is introduced

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH
WALL CONTROLLER

Part Number: AWCRGBWW
AWCVWW



1 ZONE WALL CONTROLLER

Part Number: DMXCTRLG



5 ZONE WALL CONTROLLER

Part Number: DMXCTRL



10 ZONE WALL CONTROLLER

Part Number: DMXCTRLD



4 CHANNEL WATERPROOF
DMX INTERFACE

Part Number: DMXINFWLCD4



5 CHANNEL
DMX INTERFACE

Part Number: DMXINFLCD5



DMX OPTO SPLITTER

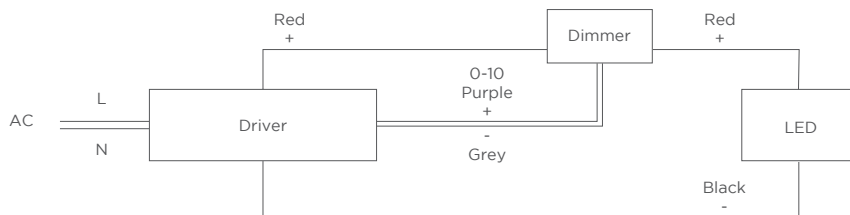
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

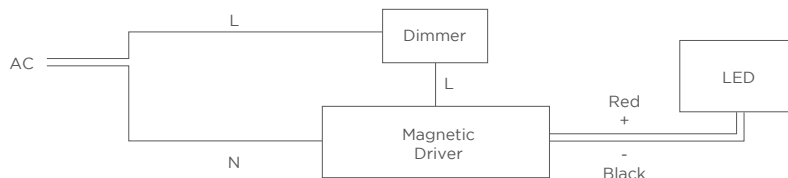
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG	35	10.67	23	7.01	14	4.27	9	2.74	7	2.13	5.75	1.75	4.5	1.37	4.25	1.30
18 AWG	56	17.07	37	11.28	23	7.01	15	4.57	11	3.35	9	2.74	7.5	2.29	7	2.13
16 AWG	90	27.44	60	18.29	37	11.28	24	7.32	18	5.49	15	4.57	12	3.66	11	3.35
14 AWG	142	43.29	95	28.96	59	17.99	38	11.59	28	8.54	23	7.01	19	5.79	17	5.18
12 AWG	226	68.90	151	46.04	94	28.66	60	18.29	45	13.72	37	11.28	30	9.15	28	8.54
10 AWG	360	109.76	240	73.17	150	45.73	96	29.27	72	21.95	60	18.29	48	14.63	45	13.72
8 AWG	574	175.00	381	116.16	239	72.87	153	46.65	115	35.06	95	28.96	76	23.17	71	21.65

WIRING DIAGRAMS

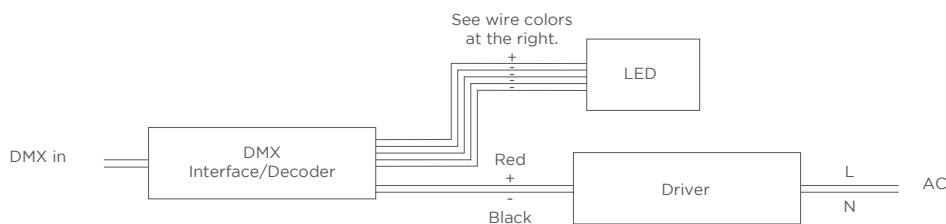
0-10V



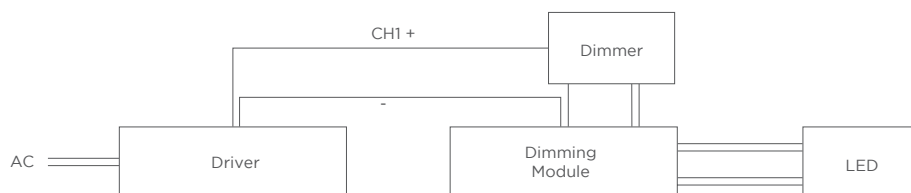
MAGNETIC + ELV



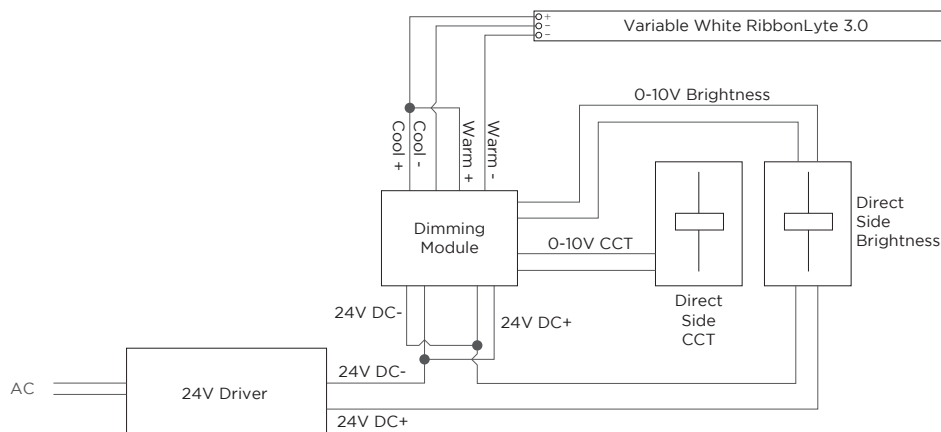
DMX



WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

Red Wire (+) Positive
Black Wire (-) Negative

RGB

Black Wire (+) Positive
Red Wire (-) Goes To Red Channel
Green Wire (-) Goes To Green Channel
Blue Wire (-) Goes To Blue Channel

VARIABLE WHITE

Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

WARM DIM

Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel



RSX2 LED Area Luminaire

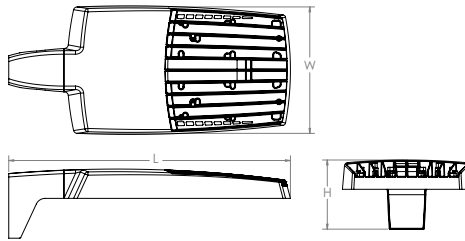


P2A P2B

five elements.

Specifications

EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED					
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) ²	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) ³	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3 P2A	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) ⁴	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4 P2B		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶
	P5		R4S Type 4 Short	120 ³ 277 ⁵	WBA Wall bracket ¹
	P6		R5 Type 5 Wide ¹	208 ³ 347 ⁵	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short ¹	240 ³ 480 ⁵	AASP Adjustable tilt arm square pole mounting ⁶
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting ⁶
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket ⁶
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options			Finish
Shipped Installed HS House-side shield ⁷ PE Photocontrol, button style ^{8,9} PEX Photocontrol external threaded, adjustable ^{9,10} PER7 Seven-wire twist-lock receptacle only (no controls) ^{9,11,12,13} CE34 Conduit entry 3/4" NPT (Qty 2) SF Single fuse (120, 277, 347) ⁵ DF Double fuse (208, 240, 480) ⁵ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ^{9,13} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ^{9,13} DS Dual switching ^{9,14}			DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLBXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
Shipped Installed *Standalone and Networked Sensors/Controls (factory default settings, see table page 9) NLTAIR2 nLight AIR generation 2 ^{13,15,16} PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{13,14,17} BAA Buy America(n) Act Compliant *Note: PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted. Shipped Separately (requires some field assembly) EGS External glare shield ⁶ EGFV External glare full visor (360° around light aperture) ⁷ BS Bird spikes ¹⁸			



Ordering Information

Accessories

Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹

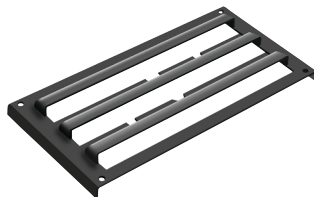
NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, DS, PIRHN).
- Requires 120V, 208V, 240V, or 277V.

P2A,P2B

- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, DS, PER7, FAO and PIRHN.
- DS only available on performance package P5 and P6.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

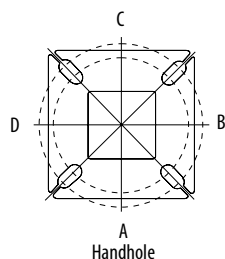


External 360 Full Visor

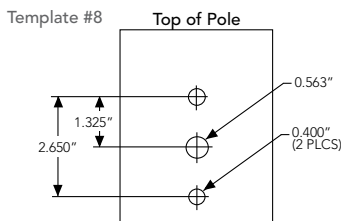
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

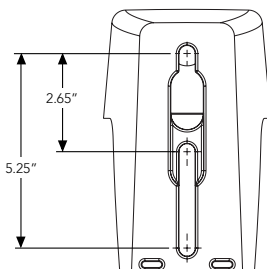
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters










Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

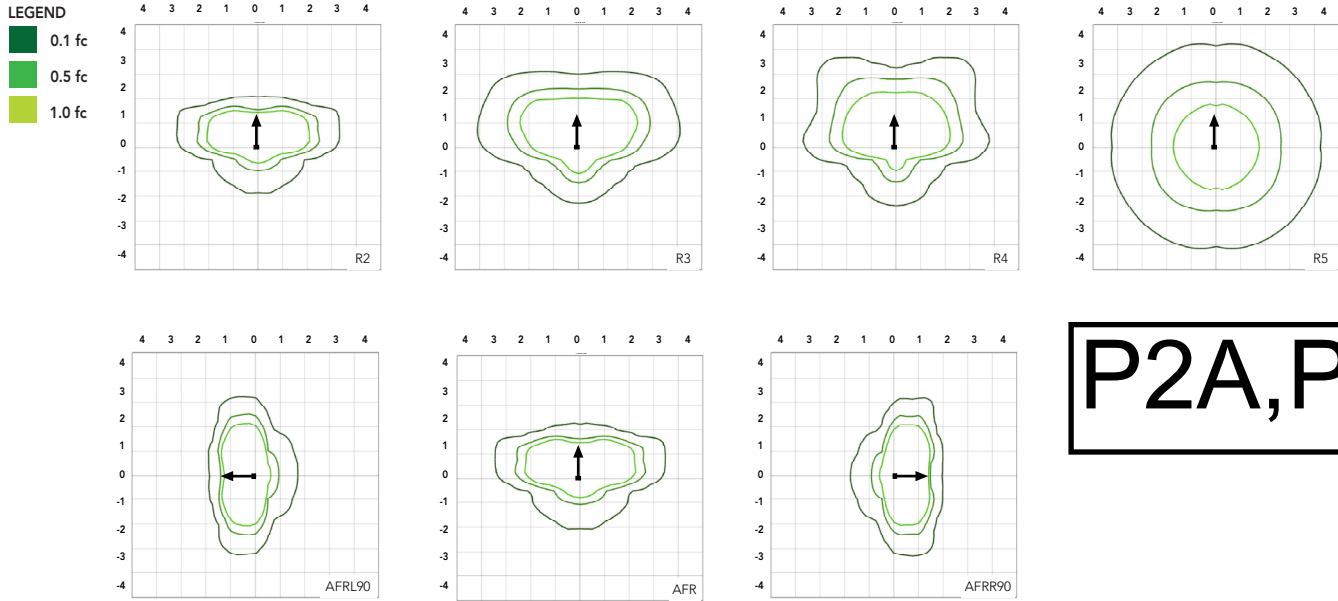
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	Tilt									
SPA - Square Pole Adaptor	0 °	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0 °	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41	

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Lumen Output

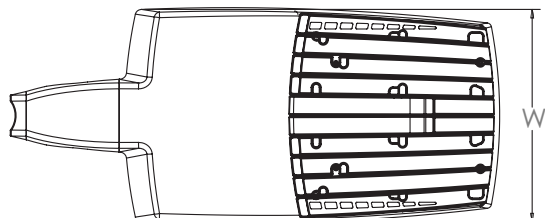
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

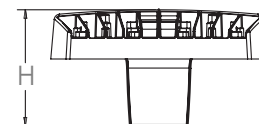
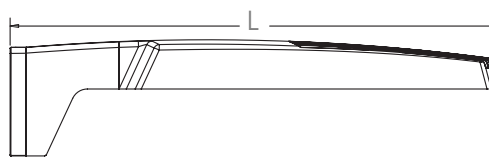
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)



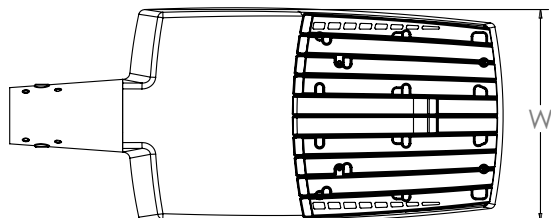
Length: 30.3" (77.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.3 cm) Arm



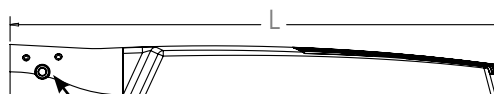
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX2 with Mast Arm Adapter (MA)

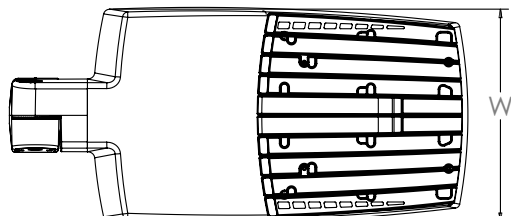


Length: 30.6" (77.7 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

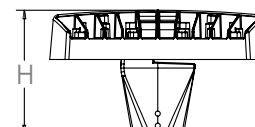
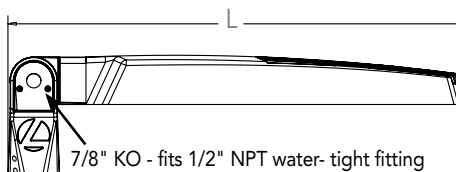


7/16" locking thru bolt/nut provided

RSX2 with Adjustable Slipfitter (IS)

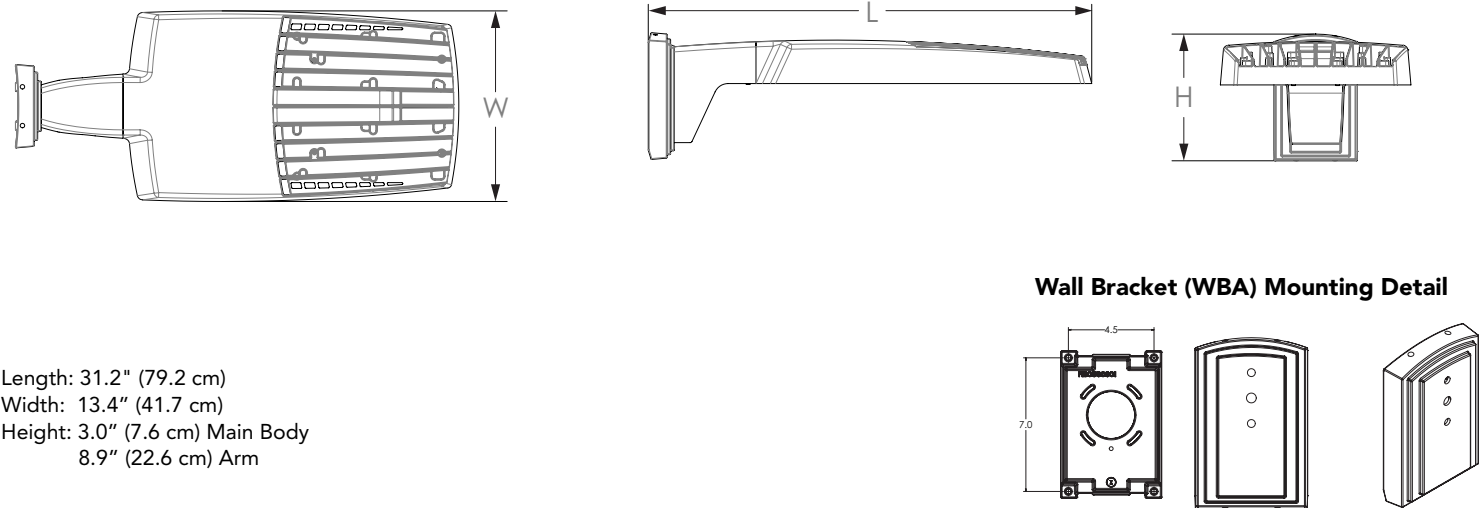


Length: 28.3" (71.9 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm

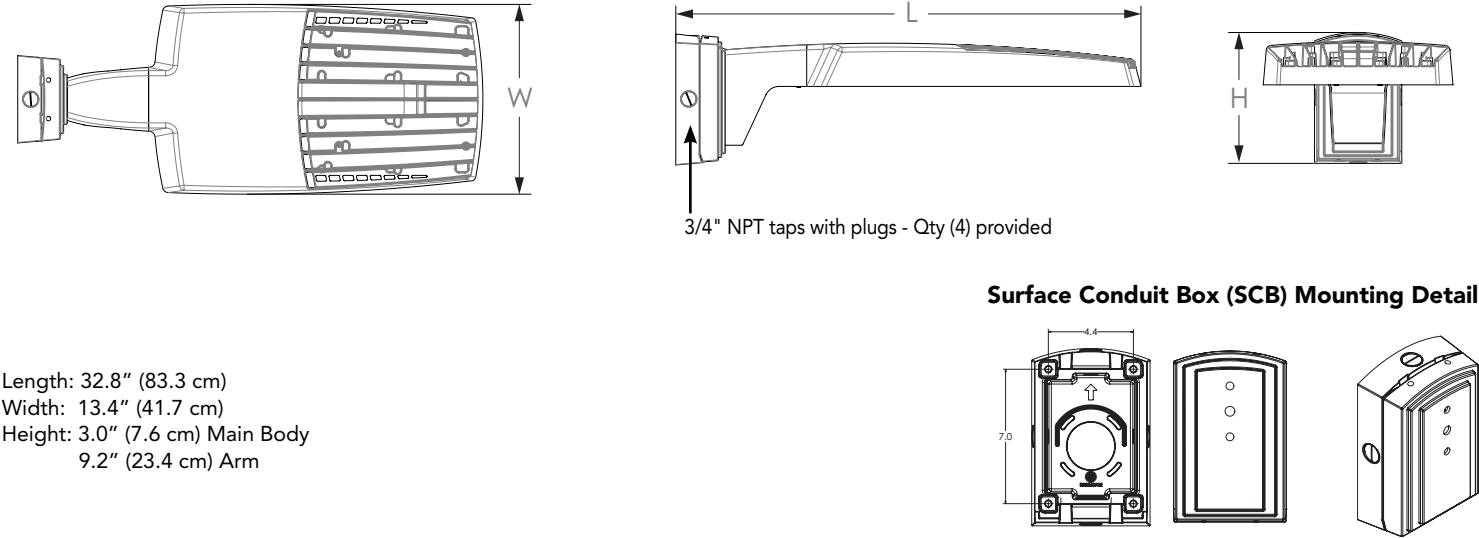


7/8" KO - fits 1/2" NPT water-tight fitting

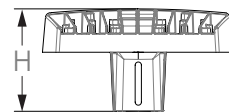
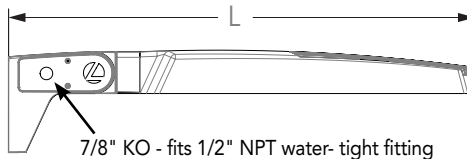
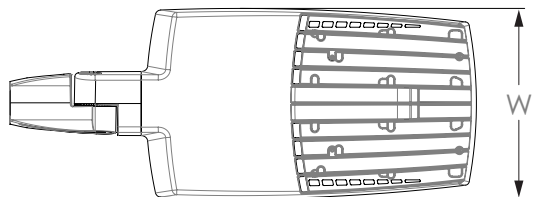
RSX2 with Wall Bracket (WBA)



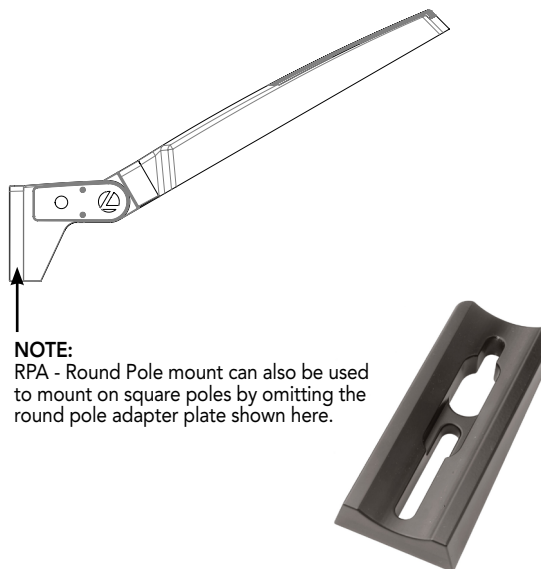
RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



Length: 32.8" (83.3 cm) **AASP**
 33.8" (85.9 cm) **AARP**
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.2 cm) Arm



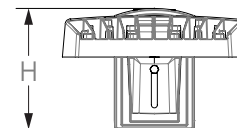
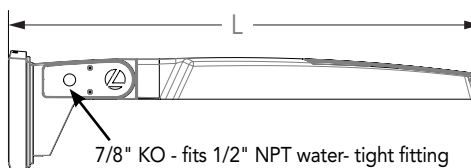
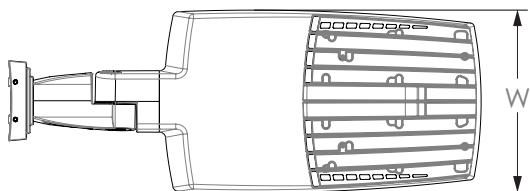
NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

Notes

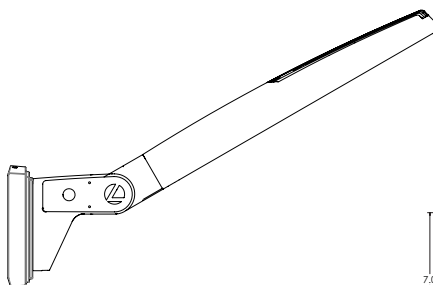
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

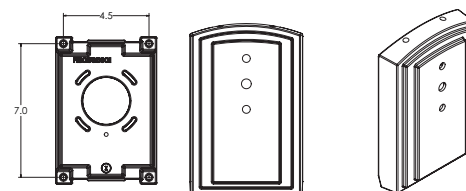
RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



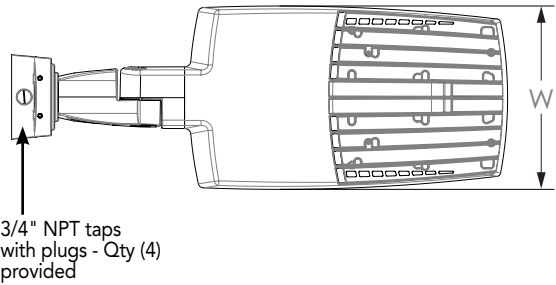
Length: 34.7" (88.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm



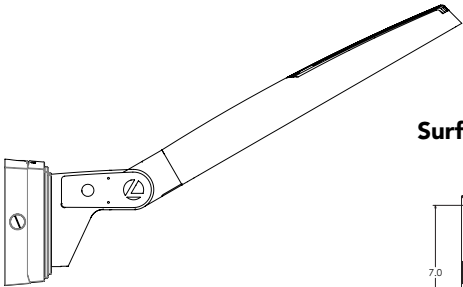
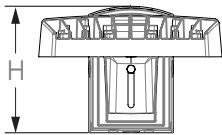
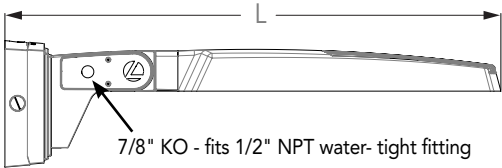
Wall Bracket (WBA) Mounting Detail



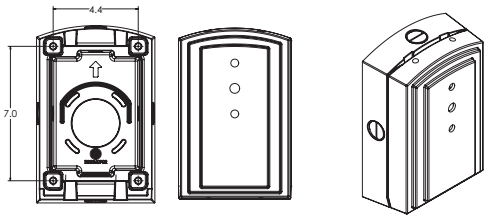
RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



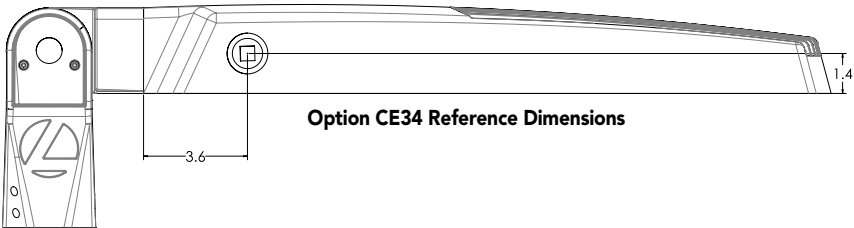
Length: 36.2" (91.9 cm)
 Width: 13.4" (40.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm



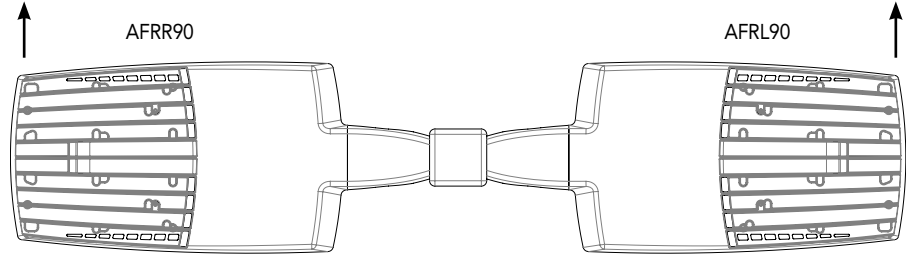
Surface Conduit Box (SCB) Mounting Detail



Additional Reference Drawings



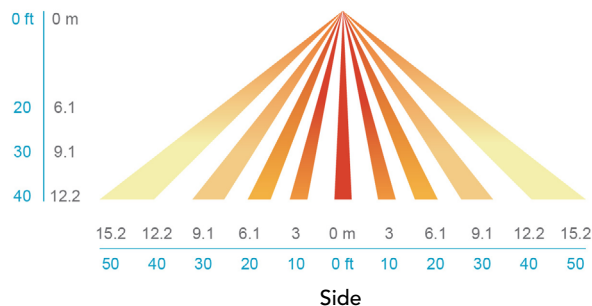
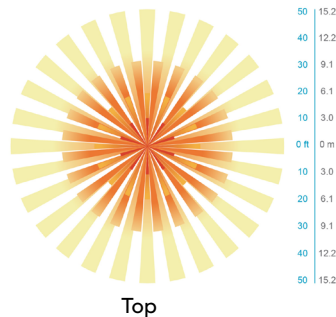
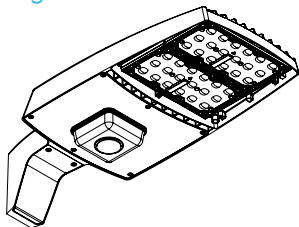
Automotive Front Row - Rotated Optics (AFRL90/R90)



(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area luminaire is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warranted not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. 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 to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

BUY AMERICAN

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/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.



ARC2 LED

Architectural Wall Luminaire



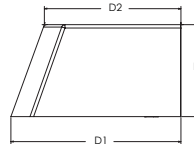
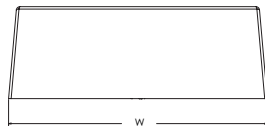
P3

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 9.25"
Depth (D2): 7.5"
Height: 5"
Width: 14"
Weight: 11 lbs
 (without options)



Introduction

The Lithonia Lighting ARC LED wall-mounted luminaires provide both architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC2 delivers up to 6,500 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. It offers integrated emergency battery backup options, including an 8W cold temperature option, making it suitable for pedestrian scale applications in any environment.

ARC LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Approximate Lumens (4000K)				
			P1	P2	P3	P4	P5
ARC1 LED	4W	--	1,500	2,000	3,000	--	--
ARC2 LED	4W	8W	1,500	2,000	3,000	4,000	6,500

Ordering Information

EXAMPLE: ARC2 LED P2 40K MVOLT PE DDBXD

Series	Package	Color Temperature	Voltage	Options	Finish
ARC2 LED	P1 1,500 Lumens	30K 3000K	MVOLT 347 ¹	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ¹	DDBXD Dark bronze
	P2 2,000 Lumens	40K 4000K		E8WC Emergency battery backup, CEC compliant (8W, -20°C min) ¹	DBLXD Black
	P3 3,000 Lumens	50K 5000K		PE Button type photocell for dusk-to-dawn operation	DNAXD Natural aluminum
	P4 4,000 Lumens			DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ²	DWHXD White
	P5 6,500 Lumens			SPD6KV 6kV surge protection ¹	DSSXD Sandstone
				FAO Field adjustable light output device. Allows for easy adjustment to the desired light levels, from 20% to 100% ²	DDBTXD Textured dark bronze
					DBLBXD Textured black
					DNATXD Textured natural aluminum
					DWHGXD Textured white
					DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

WSBBW DDBXD U

Surface - mounted back box (specify finish)

NOTES

- 347V not available with E4WH, E8WC and SPD6KV.
- FAO not available with DMG.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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ARC2 LED
 Rev. 05/11/21

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
		Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	11W	1,502	142	0	0	1	1,587	150	0	0	1	1,598	151	0	0	1
P2	16W	2,250	140	0	0	1	2,377	147	0	0	1	2,393	148	0	0	1
P3	24W	3,206	135	0	0	1	3,387	143	0	0	1	3,410	144	0	0	1
P4	30W	3,903	128	1	0	1	4,124	136	1	0	1	4,152	136	1	0	1
P5	51W	6,260	122	1	0	1	6,615	129	1	0	1	6,659	130	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	11W	0.090	0.055	0.049	0.046	0.045
P2	16W	0.141	0.081	0.072	0.064	0.059
P3	24W	0.202	0.117	0.103	0.091	0.079
P4	30W	0.280	0.162	0.144	0.128	0.095
P5	51W	0.471	0.272	0.239	0.212	0.158

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Lumens
E4WH	693
E8WC	1,413

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.88

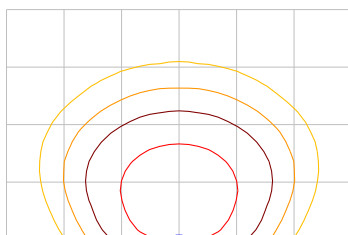
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting ARC LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

	0.25 fc
	0.5 fc
	1.0 fc
	3.0 fc

MH = 15ft
Grid = 15ft x 15ft



ARC2 LED P3 40K

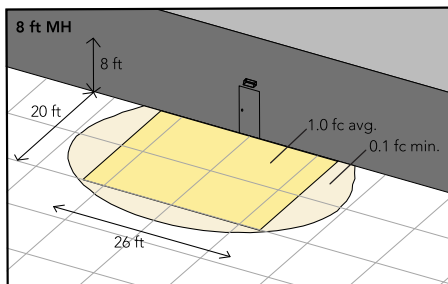
Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

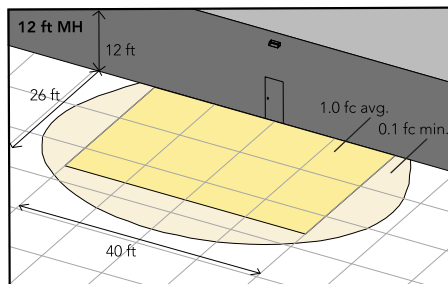
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode.

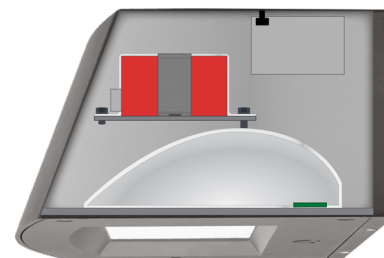
Grid = 10ft x 10ft



ARC2 LED 40K MVOLT E4WH



ARC2 LED 40K MVOLT E8WC



Self-contained solution for clean aesthetic

Mounting, Options & Accessories

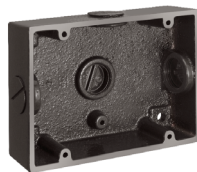


E4WH and E8WC – Emergency Battery Backup

D = 6.5"

H = 5"

W = 11"



BBW – Standard Back Box

D = 1.5"

H = 4"

W = 5.5"

For surface conduit applications.
3/4" conduit entry holes.

FEATURES & SPECIFICATIONS

INTENDED USE

The clean architectural shape of the ARC LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long-life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The die-cast aluminum housing and door act as heat sinks to optimize thermal transfer from the light engine and driver to promote long-life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Recessed lens to cut off high angle light and reduce glare. Combination of diffused lens and reflector design has low surface brightness creating a visually comfortable environment with great distribution. LEDs are fully hidden from view to eliminate pixelization and harsh glare. The ARC LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long-life (up to L88/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire is 0-10V dimmable.

INSTALLATION

The universal wall plate, supplied with the luminaire, fits multiple size junction boxes and supports it during wiring for easy installation. Built-in wet location wiring compartment on the luminaire to accommodate wiring connections for applications with no junction box. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 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 to confirm which versions are qualified. International DarkSky Association (IDA) Fixture Seal of approval (FSA) is available for all products on this page utilizing 3000K color temperature only. Rated for -40°C minimum ambient.

WARRANTY

5-year limited warranty. 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.

