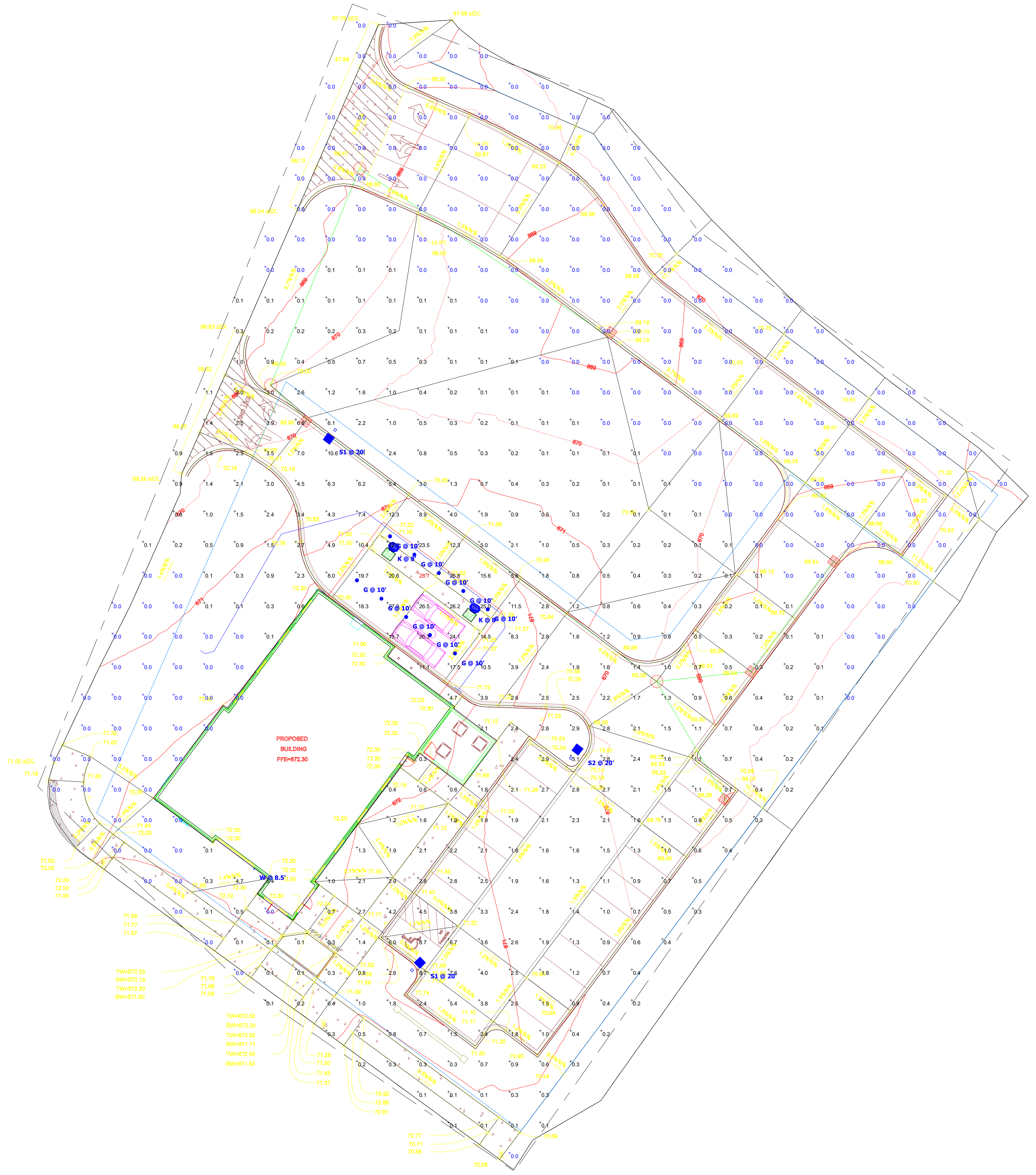


Schedule									
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
○	G	10	Lithonia Lighting	VCPG LED P3 40K TSM MVOLT	VCPG LED WITH P3 - PERFORMANCE PACKAGE, 4000K, TSM OPTIC TYPE	1	6253	0.9	43.37
□	K	2	CAMMAN LIGHTING, INC.	OW915-24-LN-T3	WALL MOUNT	1	1329	0.9	23.36
○	RD	0	Lithonia Lighting	WF6 LL LED 30K40K50K 90CRI 4000K	6" low lumen Matte White Wafer Selectable White LED 30K40K50K - 4000K	1	923	0.9	9.77
□	S1	2	Lithonia Lighting	RSX2 LED P2 40K R4	RSX Area Fixture Size 2 P2 Lumen Package 4000K CCT Type R4 Distribution	1	17427	0.9	114.07
□	S2	1	Lithonia Lighting	RSX2 LED P2 40K R5	RSX Area Fixture Size 2 P2 Lumen Package 4000K CCT Type R5 Distribution	1	17660	0.9	114.07
□	W	1	Lithonia Lighting	WPX0 LED ALO-4 40K MVOLT	WPX0 LED, 1650 Lumen setting, 4000K Setting, 120-277V	1	1645	0.9	12.4511

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Total Area Calculated @ Grade	+	1.6 fc	28.7 fc	0.0 fc	N/A	N/A

Note

- Davis and Associates, Inc does not assume responsibility for the interpretation of this calculation, or compliance to local or state lighting codes and ordinances.
- All readings/calculations are shown @ grade.
- Fixture heights are shown on plan.



Plan View
Scale - 1" = 20ft

Fixture Number				
Project Title		Type		Qty
Comments				



- White Acrylic Diffuser
- Decorative Metal Top & Bottom Cap
- Three Trim Options
- Wet Location
- ADA

Dimensions and Lamping:

OW915-24	7.25" A x 24" B x 4" D x 12" MCWeight: 10 lbs. LN LED: Nominal 25W, 1150 Delivered Lumens
OW915-36	7.25" A x 36" B x 4" D x 18" MCWeight: 12 lbs. LN LED: Nominal 40W, 2100 Delivered Lumens
OW915-48	7.25" A x 48" B x 4" D x 24" MCWeight: 14 lbs. LN LED: Nominal 55W, 3150 Delivered Lumens

LED Color Temperature:

35K	3500K	30K	3000K	40K	4000K
-----	-------	-----	-------	-----	-------

Control:

CLV Integral Power Supply, 0-10V Dimming to 1%

Voltage:

1	120V	2	277V	MV	Multi-Volt
---	------	---	------	----	------------

Diffusers:

WA	Gloss White Acrylic
WM	Matte White Acrylic

Standard Finishes:

PAL	Aluminum	PBB	Brushed Brass	POR	Pure Orange (RAL 2004)
PNL	Nickel	PAB	Antique Brass	PYL	Traffic Yellow (RAL 1023)
PBR	Bronze	PHB	Hammered Bronze	PGR	Emerald Green (RAL 6001)
PLB	Light Bronze	PHC	Hammered Copper	PBL	Signal Blue (RAL 5005)
PMB	Medium Bronze	PHS	Hammered Silver	STBD	To Be Determined
PDB	Dark Bronze	PSG	Satin Gold		
PSB	Satin Black	PPA	Patina		
PMW	Matte White	PRD	Traffic Red (RAL 3020)		

Premium Finishes:

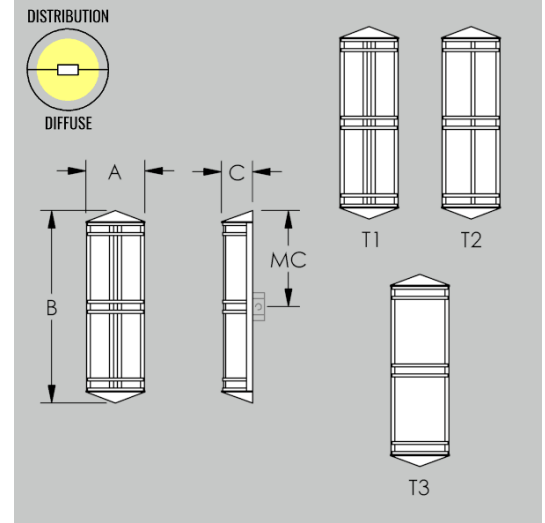
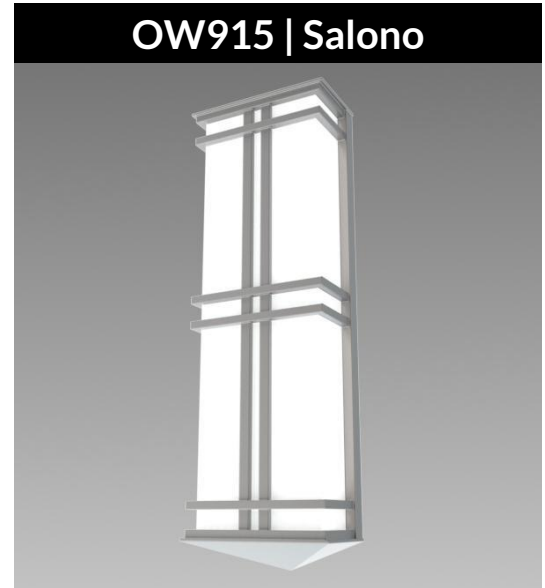
BA	Brushed Aluminum	PB	Polished Brass
SN	Satin Nickel	AB	Antique Brass
PC	Polished Chrome	PTBD	To Be Determined
BB	Brushed Brass		

Trim Options:

T1	Dual Horizontal, Dual Vertical Trim
T2	Dual Horizontal, Single Vertical Trim
T3	Dual Horizontal, No Vertical Trim

Other Options:

REM Remote Emergency Power Supply



Notes:

- Custom sizes and finishes available upon request.
- Camman reserves the right to make design changes without prior notice.
- Mounting is to a 4 inch octagonal junction box.
- Photometric information is available at cammanlighting.com



Additional Information

Color Temperature Adjustment	
Color Temperature	Multiplier
2700K	.967
3000K	.984
3500K	1.000
4000K	1.032

LED Performance	
Color Rendering Index	80CRI Standard (90CRI Available)
L70 (Projected):	>72,000 hours

Warranty	5 years (electrical components retain the component manufacturer warranty).
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Camman Plus Customizations



Camman **Standard Plus** products provide an extra degree of freedom to customize most standard products, including dimensions, finish, performance, and adding or removing details. Visit www.cammanlighting.com/plus to learn more about the Plus program, and visit this fixture to see what specific options might be available.

Standard Finishes

MODERN



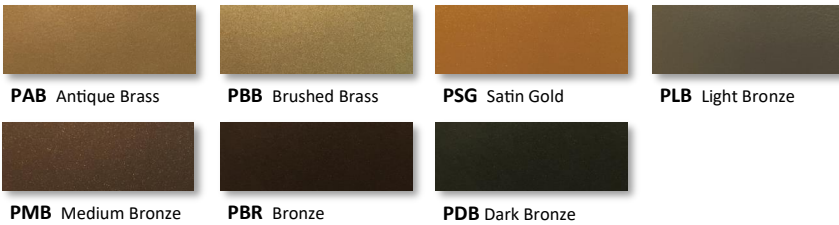
PAL Aluminum

PNL Nickel

PSB Satin Black

PMW Matte White

NEUTRAL



PAB Antique Brass

PBB Brushed Brass

PSG Satin Gold

PLB Light Bronze

PMB Medium Bronze

PBR Bronze

PDB Dark Bronze

COLORS



PRD Traffic Red
(RAL 3020)

POR Pure Orange
(RAL 2004)

PYL Traffic Yellow
(RAL 1023)

PGR Emerald Green
(RAL 6001)

PBL Signal Blue
(RAL 5005)

TEXTURES



PHS Hammered Silver

PHB Hammered Bronze

PHC Hammered Copper

PPA Patina

Premium Finishes



AB Antique Brass

BB Brushed Brass

PB Polished Brass

BA Brushed Aluminum

SN Satin Nickel

PC Polished Chrome

- Colors are for reference only and may vary per monitor.
- See cammanlighting.com/resources for more information, or contact your local rep for finish samples.





CNY LED

LED Canopy/Ceiling Luminaire



Catalog Number

Notes

Type

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

Specifications

CNY LED P0/P1/P2

Width:	10"
Height:	4.7"
Depth:	10"
Weight:	6.5lbs

Introduction

The CNY LED canopy luminaires are energy efficient and budget friendly, perfect for replacing up to 250W metal halide luminaires while saving up to 80% energy costs. Quick mount mechanism significantly reduces the installation time. An LED array and translucent lens create uniform and visually comfortable illumination. CNY LED luminaires are DLC Premium listed and deliver quick payback!

Ordering Information

EXAMPLE: CNY LED P1 50K MVOLT DDB

Series	Performance Package	Color Temperature ²	Voltage	Finish
CNY LED	P0 3,500 lumens ¹	40K 4000K ¹	MVOLT 120-277V ³	DDB Dark bronze
	P1 4,500 lumens ¹	50K 5000K		WH White ¹
	P2 6,600 lumens			

Accessories

Ordered and shipped separately.

CNYBCP 14 Inch x 14 Inch Beauty Cover Plate

NOTES

1. WH finish is only available in CNY P0 and P1 packages, and with 40K (4000K) color temperature only.
2. Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
3. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

FEATURES & SPECIFICATIONS

INTENDED USE

CNY LED luminaires are ideal, energy-efficient replacements for up to 250W MH canopy or ceiling luminaires. The CNY LED provides years of maintenance-free illumination for schools, malls, offices, parking areas, covered walkways and loading docks.

CONSTRUCTION

Cast-aluminum, corrosion-resistant housing with polyester powder paint for lasting durability. Castings are sealed with a one-piece gasket. Rated for outdoor installations, -40°C minimum ambient. Frosted lens is designed for uniform light distribution.

ELECTRICAL

Includes an MVOLT (120-277V) electronic driver that is 0-10V, capable of continuous dimming and ensure system power factor >90% and THD <20%. LEDs maintain 70% of light output at 50,000 or more hours of service life (L70/50,000 hours). CNY is CRI 80.

INSTALLATION

Mounts to a recessed junction box or surface mount with three conduit entry points. Can be pendant mounted with 3/4 NPT pendant stem provided by others. Quick mount mechanism significantly reduces installation time - no need to open the luminaire for installation.

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 to confirm which versions are qualified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

WARRANTY

Five-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.



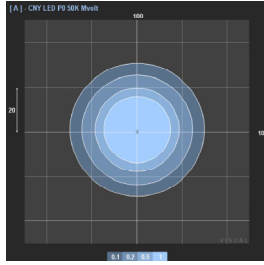
Photometric Diagrams

Full photometric data report available within 2 weeks from request. Contact [Acuity Tech Support](#).

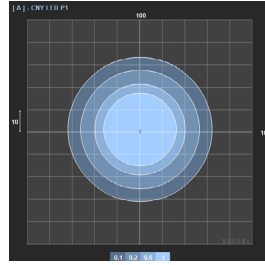
CNY LED - Mounting height = 10

LEGEND

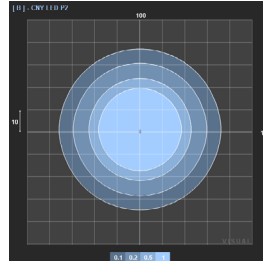
- 0.1 fc
- 0.2 fc
- 0.5 fc
- 1.0 fc



CNY LED P0



CNY LED P1

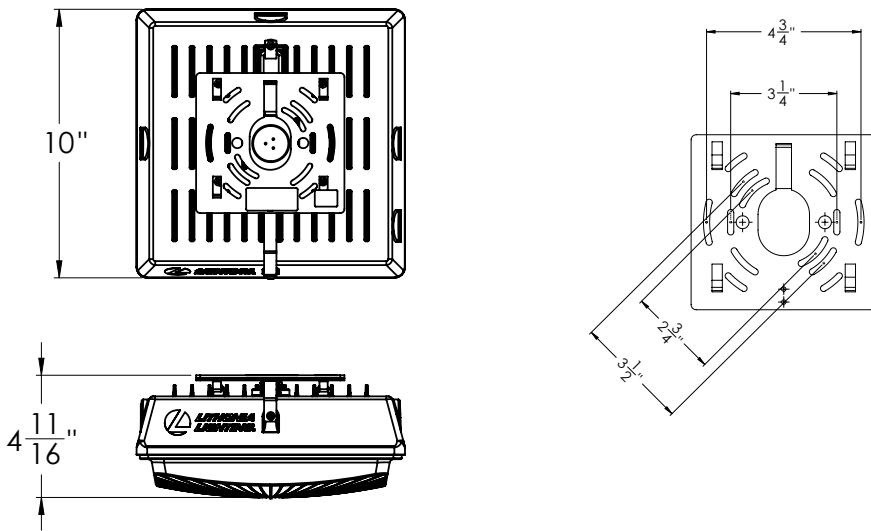


CNY LED P2

Performance Data

Performance Package	Lumens	Input Power	Lumens Per Watt
CNY LED P0	3,500	27W	130
CNY LED P1	4,500	35W	127
CNY LED P2	6,600	52W	128

Line Art





RSX2 LED Area Luminaire

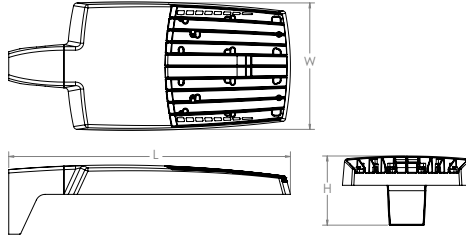


Catalog Number
Notes
Type

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Specifications

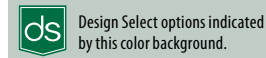
EPA (ft ² @0°):	0.69 ft ² (0.06 m ²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



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.



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

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

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

Options	Finish
<p>Shipped Installed</p> <p>HS House-side shield⁷</p> <p>PE Photocontrol, button style^{8,9}</p> <p>PER7 Seven-wire twist-lock receptacle only (no controls)^{9,10,11}</p> <p>SF Single fuse (120, 277, 347)⁵</p> <p>DF Double fuse (208, 240, 480)⁵</p> <p>SPD20KV 20KV Surge pack (10KV standard)</p> <p>FAO Field adjustable output⁹</p> <p>DMG 0-10V dimming extend out back of housing for external control (control ordered separate)⁹</p> <p>DS Dual switching^{9,12}</p>	<p>DDBXD Dark Bronze</p> <p>DBLXD Black</p> <p>DNAXD Natural Aluminum</p> <p>DWHXD White</p> <p>DBBTXD Textured Dark Bronze</p> <p>DBLBXD Textured Black</p> <p>DNATXD Textured Natural Aluminum</p> <p>DWHGXD Textured White</p>
<p>Shipped Installed</p> <p>*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)</p> <p>NLTAIR2 PIRHN nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor^{9,13,14,15}</p> <p>BAA Buy America(n) Act Compliant</p> <p>CCE Coastal Construction¹⁶</p> <p>*Note: NLTAIR2 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.</p> <p>Shipped Separately (requires some field assembly)</p> <p>EGS External glare shield⁷</p> <p>EGFV External glare full visor (360° around light aperture)⁷</p> <p>BS Bird spikes¹⁷</p>	



Ordering Information

Accessories

Ordered and shipped separately.

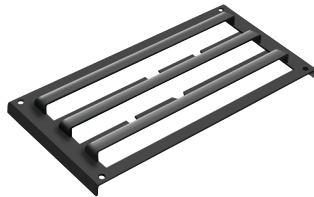
RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSBC (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) ¹⁸
DLL347F 1.5 CULJU	Photocell -SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CULJU	Photocell -SSL twist-lock (480V) ¹⁸
DSHORT SBK U	Shorting cap ¹⁸

NOTES

- 1 Any Type 5 distribution, is not available with WBA.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 4 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.
- 5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 6 Maximum tilt is 90° above horizontal.
- 7 It may be ordered as an accessory.
- 8 Requires MVOLT or 347V.
- 9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- 10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. Twistlock photocell ordered and shipped

- as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- 11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
 - 12 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6.
 - 13 Must be ordered with PIRHN.
 - 14 Requires MVOLT or HVOLT.
 - 15 Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
 - 16 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
 - 17 Must be ordered with fixture for factory pre-drilling.
 - 18 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

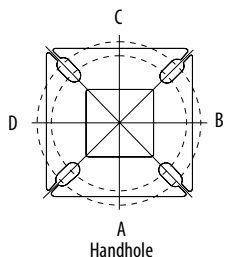


External 360 Full Visor

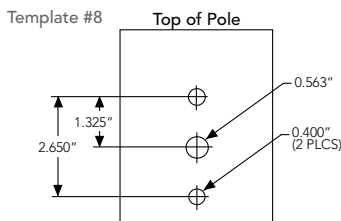
Pole/Mounting Information

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

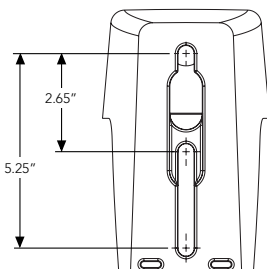
HANDHOLE ORIENTATION



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

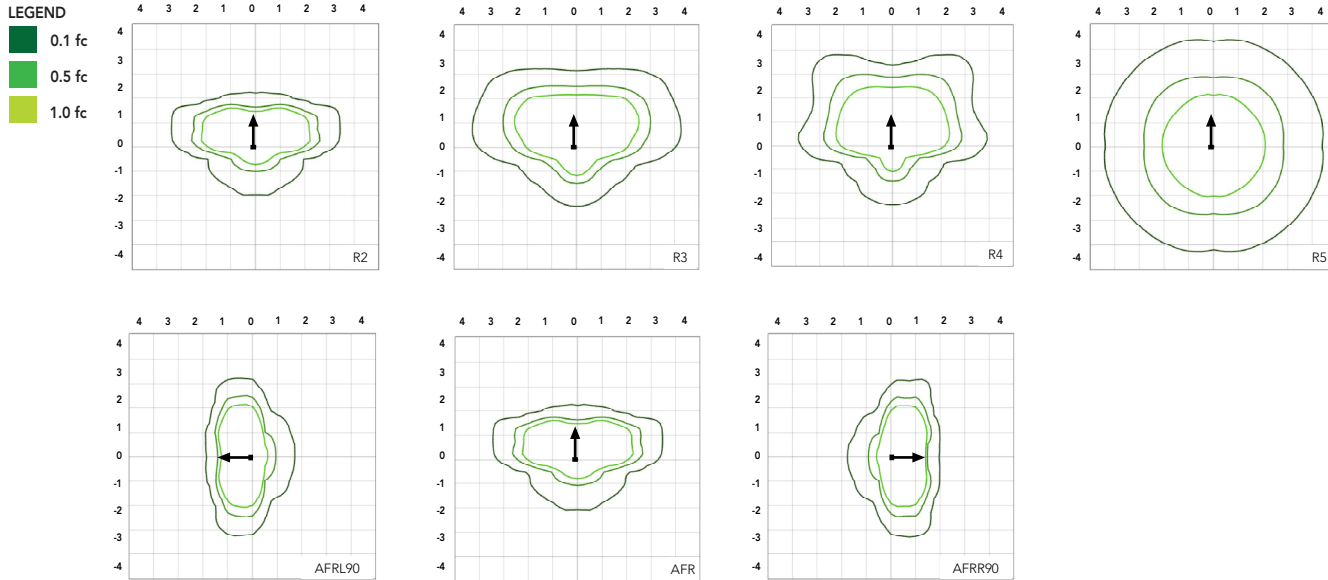
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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	
SPA - Square Pole Adaptor	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.

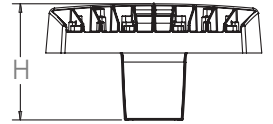
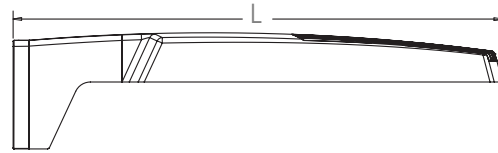
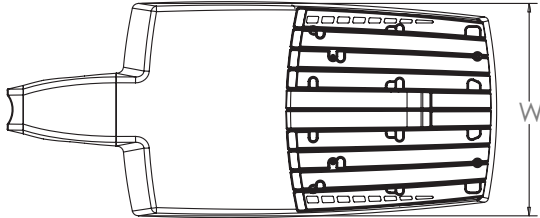
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	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

Dimensions & Weights

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)

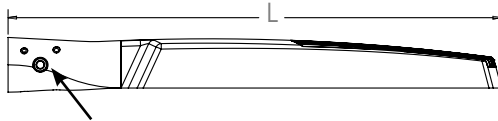
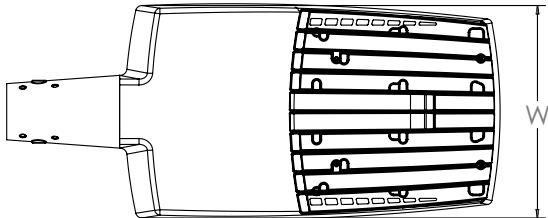


Length: 30.3" (77.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.3 cm) Arm

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



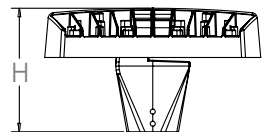
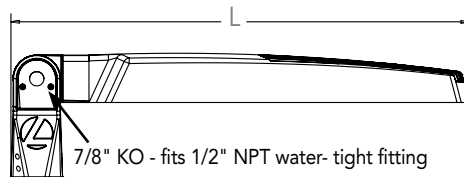
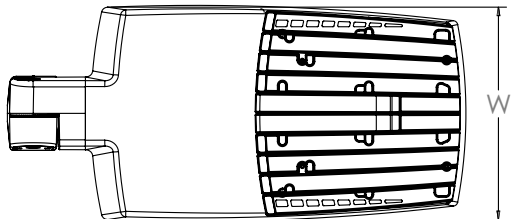
RSX2 with Mast Arm Adapter (MA)



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)

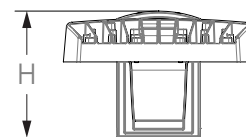
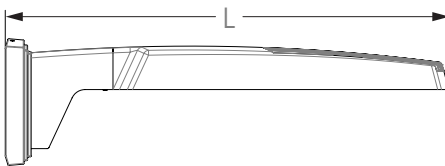
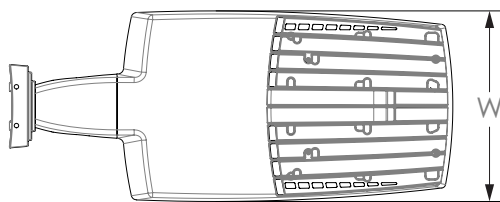


Length: 28.3" (71.9 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm

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

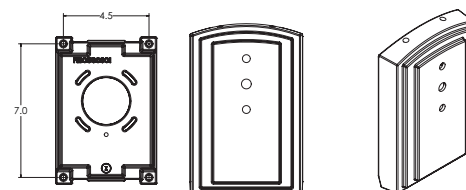
Dimensions

RSX2 with Wall Bracket (WBA)

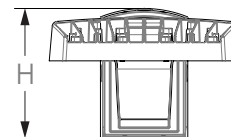
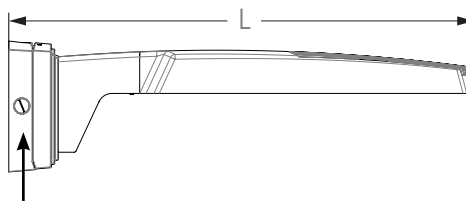
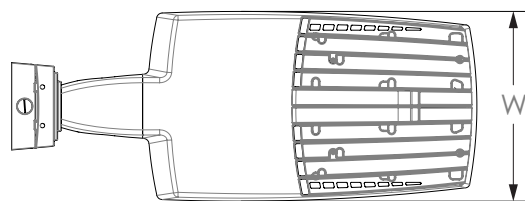


Length: 31.2" (79.2 cm)
 Width: 13.4" (41.7 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



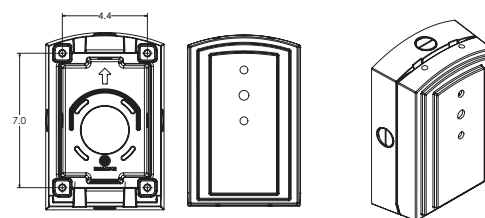
RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

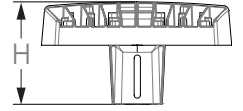
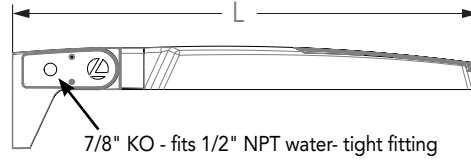
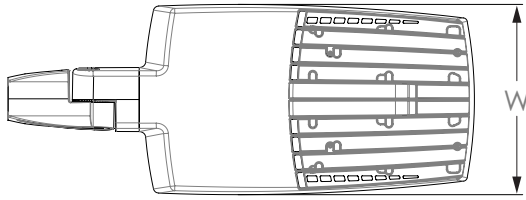
Length: 32.8" (83.3 cm)
 Width: 13.4" (41.7 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

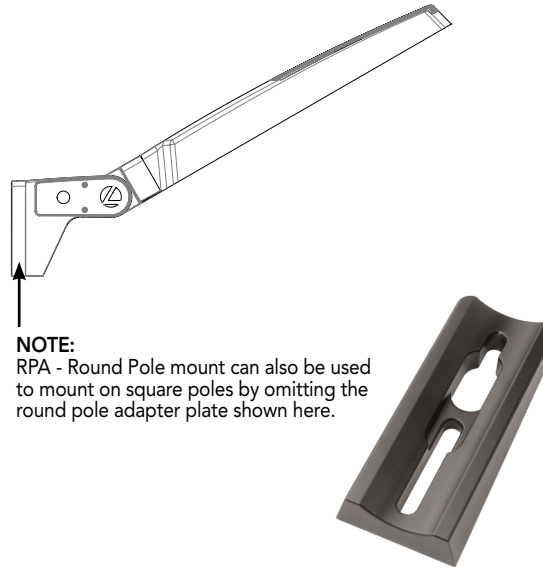


Dimensions

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



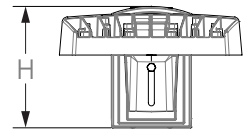
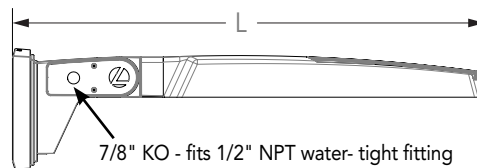
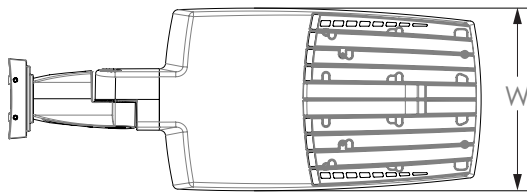
NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

Notes

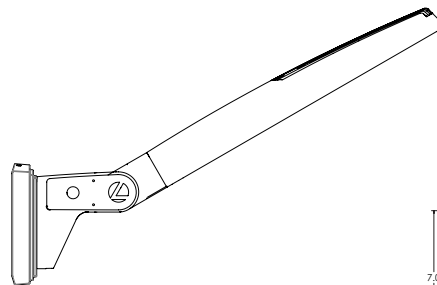
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

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°.

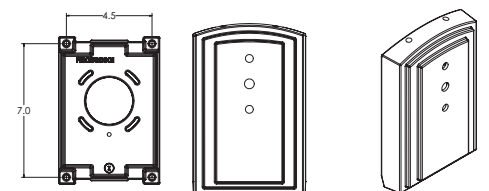
RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



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

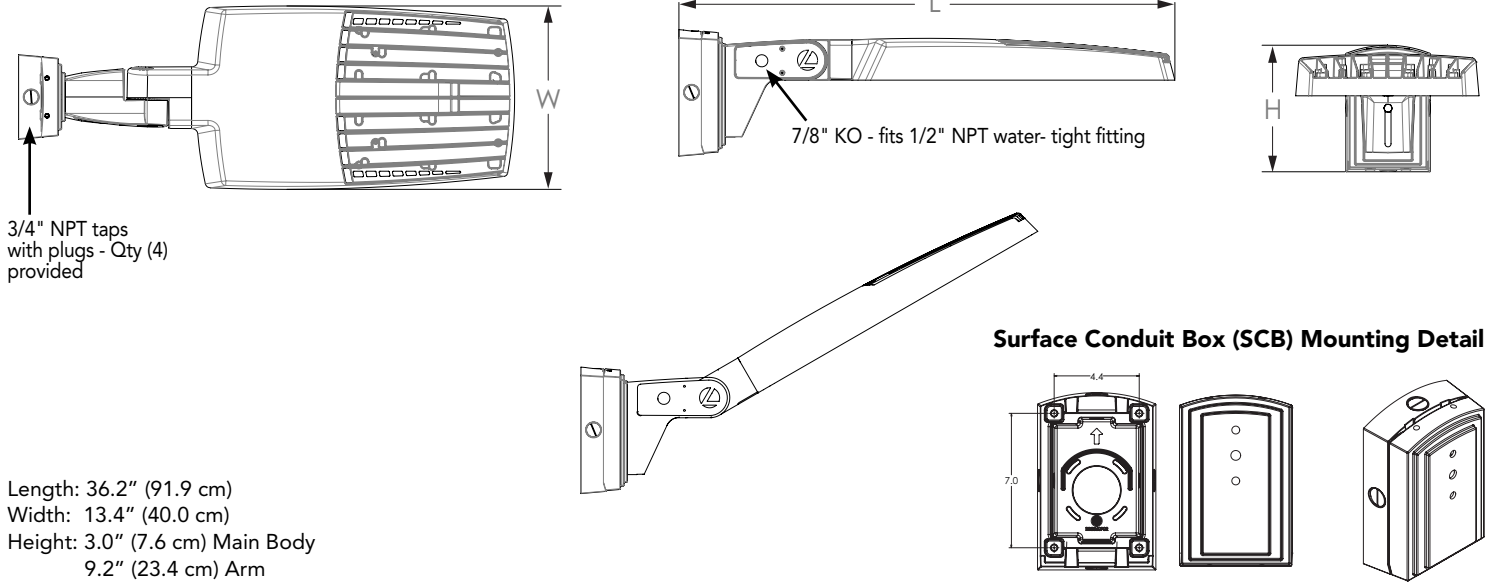


Wall Bracket (WBA) Mounting Detail

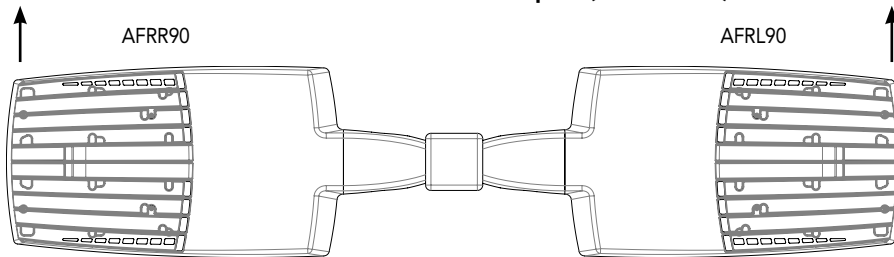


Dimensions

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



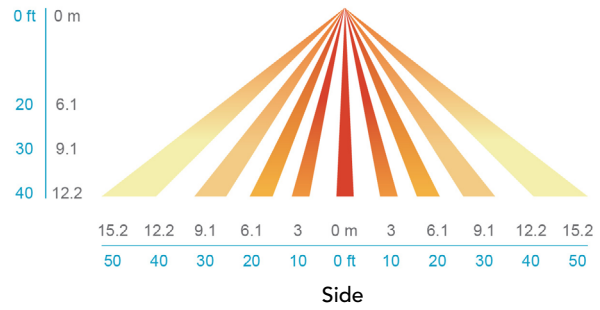
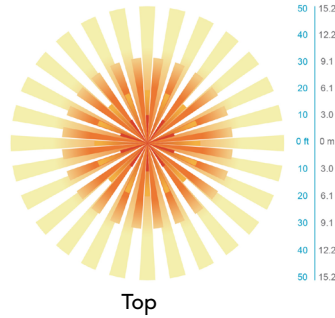
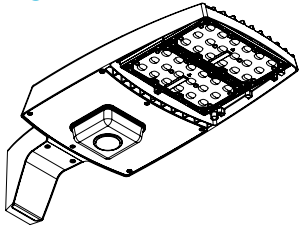
Automotive Front Row - Rotated Optics (AFRL90/R90)



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

nLight Control - Sensor Coverage and Settings

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 family 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 warrantied 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 AFRR90 and ARFL90.

COASTAL CONSTRUCTION (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

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. Fixtures ship standard with 0-10v dimming driver. 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. US Patent No. D882, 146S

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 for additional information.

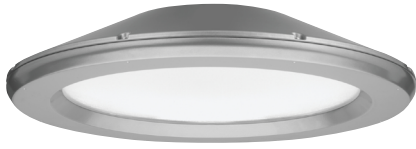
WARRANTY

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:

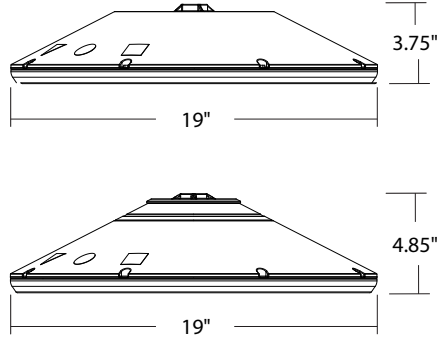
www.acuitybrands.com/support/warranty/terms-and-conditions

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.





VCPG LED Parking Garage



Specifications

Diameter: 19"

Height: 3.75"
(4.85" with Up-Light)

Weight (max, with no options): 18 lbs

A+ Capable options indicated by this color background.

Catalog Number
Notes
Type

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

Introduction

The all new VCPG LED (Visually Comfortable Parking Garage) luminaire is designed to bring glare control, optical performance and energy savings into one package. The recessed lens design of VCPG LED minimizes high angle glare, while its precision molded acrylic lens eliminates LED pixilation and delivers the required minimums, verticals and uniformity. The dedicated up-light module option reduces the contrast between the luminaire and the ceiling creating a more visually comfortable environment.

The VCPG LED delivers up to 87% in energy savings when replacing 175W metal halide luminaires. With over 100,000 hour life expectancy (12+ years of 24/7 continuous operation), the VCPG LED luminaire provides significant maintenance savings over traditional luminaires.

Ordering Information

EXAMPLE: VCPG LED V4 P4 40K 70CRI T5M MVOLT SRM DNAXD

Series	LED Light Engines	Package	Color temperature	Color Rendering Index	Distribution	Voltage	Mounting
VCPG LED	V4 4 Light Engines	P1	30K 3000 K	70CRI	T5M Type V, medium	MVOLT	Shipped included PM Pendant mount standard (24-inch length supply leads) SRM Surface mount (24-inch length supply leads) ARM Arm mount (use RSXWBA accessory to mount to a wall) Shipped separately YK Yoke/trunnion mount ²
		P2	35K 3500 K	80CRI	TSR ¹ Type V, rectangular	347	
	V8 8 Light Engines	P3	40K 4000 K	T5W Type V, wide	480	120	
		P4	50K 5000 K		208		
		P5	TSE Type V entry		240		
		P6			277		
		P7 (with V8 only)			LANE ¹ Drive lane	347	
						480	

Options	Finish (required)	Packaging
Shipped installed UPL1 Up-Light: 500 lumens ³ UPL2 Up-Light: 700 lumens ⁴ E7WC Emergency battery backup, AC Activate, Certified in CA Title 20 MAEDBS (7W, -20°C min) ^{5,6,7} E10WH Emergency battery backup, AC Activate, Certified in CA Title 20 MAEDBS (10W, 0°C, min) ^{5,6,7} E18WC Emergency battery backup, AC Activate, Certified in CA Title 20 MAEDBS (18W, -20°C, min) ^{5,6,7} HA High ambient (50°C, only P1-P4) SF Single fuse (120V, 277V, 347V) DF Double fuse (208V, 240V, 480V) SPD10KV 10KV Surge Pack LDS36 36in (3ft) lead length LDS72 72in (6ft) lead length LDS108 108in (9ft) lead length DMG External 0-10V leads (no controls) ⁸ TP Tamper proof screws CCE Coastal Construction Shipped Separately WG Wire Guard BDS Bird Shroud ⁹ HS House Side Shield BSW Bird Spikes	DWHXD White DNAXD Natural aluminum DDBXD Dark bronze DBLXD Black	(blank) Job Pack/Units (ships as job pack of 18pcs per; balance in units) U Unit packs only
Standalone Sensors/Controls¹ PIR Motion/ambient sensor for 8-15' mounting heights PIRH Motion/ambient sensor for 15-30' mounting heights PIR3FC3V Motion/ambient sensor for 8-15' mounting heights, pre programmed to 3fc and 35% light output PIRH3FC3V Motion/ambient sensor for 15-30' mounting heights, pre programmed to 3fc and 35% light output Networked Sensors/Controls¹ NLTAIR2 PIR nLIGHT AIR Wireless enabled motion/ambient sensor for 8-15' mounting heights (provides NPS signal) NLTAIR2 PIRH nLIGHT AIR Wireless enabled motion/ambient sensor for 15'-30' mounting heights (provides NPS signal) NLTAIREM2 PIR nLIGHT AIR Wireless enabled, UL924 Listed motion/ambient sensor for 8-15' mounting heights NLTAIREM2 PIRH nLIGHT AIR Wireless enabled, UL924 Listed motion/ambient sensor for 15'-30' mounting heights		



Ordering Information Cont.

Accessories

Ordered and shipped separately.

VCPGBDS DWHXD U	Bird shroud for PM (specify finish)	VCPGWG U	Wire guard
VCPGBDS YK DWHXD U	Bird shroud for YK (specify finish)	SLVSQ	Quick mount pendant swivel kit, square
VCPGUBDS DWHXD U	Bird shroud for PM with Up-Light (specify finish)	SLVRD	Quick mount pendant swivel kit, round
VCPGUBDS YK DWHXD U	Bird shroud for YK with Up-Light (specify finish)	VCPG YK DWHXD U	Yoke mount kit (specify finish)
VCPGSRM U	Surface mount kit, with no Up-Light	RSXWBA DWHXD U	RSX WBA wall bracket (specify finish)
VCPGUSRM U	Surface mount kit, with Up-Light	VCPGHS U	House side shield
VCPGSC120	Safety cable 120"		

NOTES

- Not available in P7 package or with V8 option.
- Only vertical height adjustment. No angle adjustment. Use PM and SLVSQ or SLVRD for mounting to angled ceiling or canopies.
- UPL1 not available with dim-to-off functionality.
- UPL2 available with dim-to-off upon request.
- Not available with 347V or 480V.
- E7WC, E10WH, and E18WC only rated up to 35°C, ambient.
- E7WC and E18WC only available with P1-P4 packages. E10WH available with P1-P5 packages.
- DMG option not available with standalone or networked sensors/controls.
- BDS is only available with PM and YK mounting options.
- Needs an nLight AIR Normal Power Sensing (NPS) device in the group.

Performance Data

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	Watts	Distribution Type	30K (3000K, 70 CRI)		35K (3500K, 70 CRI)		40K (4000K, 70 CRI)		50K (5000K, 70 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
P1	27W	TSE	3,581	135	3,670	138	3,815	144	3,876	146
		TSM	3,620	136	3,710	140	3,856	145	3,917	147
		TSW	3,592	135	3,681	139	3,827	144	3,888	146
		TSR	3,464	130	3,550	134	3,690	139	3,749	141
		LANE	3,507	132	3,594	135	3,736	141	3,796	143
P2	34W	TSE	4,577	135	4,691	138	4,876	144	4,954	146
		TSM	4,626	136	4,741	140	4,928	145	5,007	147
		TSW	4,591	135	4,705	139	4,891	144	4,968	146
		TSR	4,427	130	4,537	134	4,716	139	4,791	141
		LANE	4,482	132	4,594	135	4,775	141	4,851	143
P3	43W	TSE	5,808	134	5,952	137	6,187	143	6,286	145
		TSM	5,870	135	6,015	139	6,253	144	6,353	146
		TSW	5,825	134	5,970	138	6,205	143	6,304	145
		TSR	5,617	130	5,757	133	5,984	138	6,079	140
		LANE	5,688	131	5,829	134	6,059	140	6,155	142
P4	56W	TSE	7,391	131	7,575	135	7,874	140	7,999	142
		TSM	7,470	133	7,656	136	7,958	141	8,085	144
		TSW	7,414	132	7,597	135	7,898	140	8,023	143
		TSR	7,149	127	7,326	130	7,615	135	7,737	137
		LANE	7,238	129	7,418	132	7,711	137	7,834	139
P5	82W	TSE	10,189	124	10,442	127	10,854	132	11,027	134
		TSM	10,298	125	10,553	128	10,970	134	11,145	136
		TSW	10,220	124	10,473	128	10,887	133	11,060	135
		TSR	9,855	120	10,099	123	10,498	128	10,665	130
		LANE	9,978	121	10,226	124	10,629	129	10,799	131
P6	108W	TSE	12,878	120	13,197	123	13,719	127	13,937	129
		TSM	13,015	121	13,338	124	13,865	129	14,086	131
		TSW	12,917	120	13,237	123	13,760	128	13,979	130
		TSR	12,455	116	12,764	119	13,268	123	13,480	125
		LANE	12,611	117	12,924	120	13,435	125	13,649	127
P7	122W	TSE	15,503	125	15,887	128	16,515	133	16,778	135
		TSM	15,668	126	16,057	129	16,691	135	16,957	137
		TSW	15,549	125	15,935	129	16,564	134	16,828	136

Up-light Lumen Output

Up-light Option	Watts	Lumens
UPL1	6.5W	519
UPL2	8.5W	715

Lumen Multiplier for 80CRI

CCT	Multiplier
30K	0.926
35K	0.945
40K	0.967
50K	0.965

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	1.03
10°C / 50°F	1.02
20°C / 68°F	1.01
25°C / 77°F	1
30°C / 86°F	0.99
40°C / 104°F	0.98

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	0.97	0.94	0.89

Electrical Load

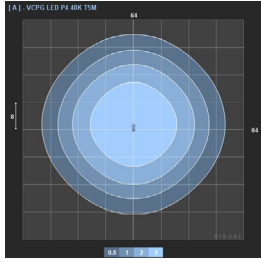
Power Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	27W	0.22	0.13	0.12	0.10	0.08	0.06
P2	34W	0.28	0.16	0.14	0.13	0.10	0.08
P3	43W	0.37	0.21	0.18	0.16	0.13	0.09
P4	56W	0.48	0.28	0.24	0.21	0.16	0.12
P5	82W	0.68	0.40	0.35	0.30	0.24	0.18
P6	108W	0.91	0.52	0.45	0.39	0.32	0.23
P7	124W	1.03	0.59	0.51	0.44	0.37	0.27



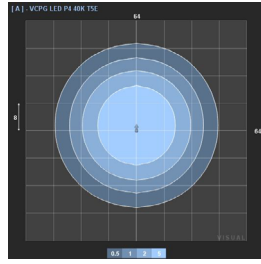
Photometric Diagrams

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

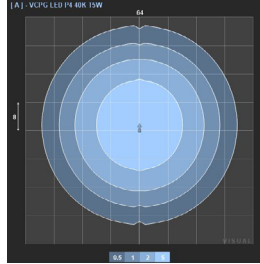
VCPG LED P4 TSM 40K



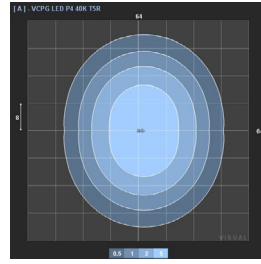
VCPG LED P4 T5E 40K



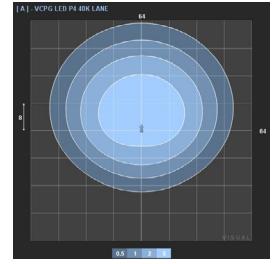
VCPG LED P4 T5W 40K



VCPG LED P4 T5R 40K



VCPG LED P4 LANE 40K



Control/Sensor Options

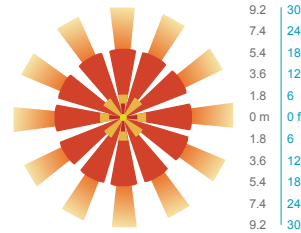
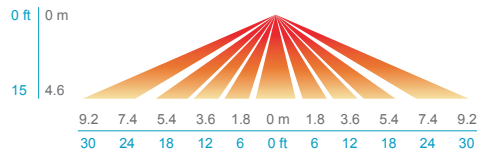
Motion/Ambient Sensor (PIR, PIRH)

Motion/Ambient sensor (Sensor Switch MSOD, nLight AIR RMSOD) is integrated into the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

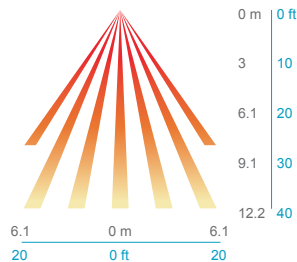
nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™+) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

PIR HIGH VIEW

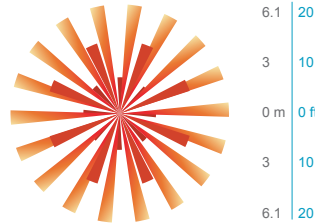


PIRH

SIDE VIEW



TOP VIEW



Motion/Ambient Sensor Default Settings

Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR3FC3V or PIRH3FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 3fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec

Mounting, Options & Accessories



PM – Pendant Mount
(compatible with 3/4" NPT, pendant stem provided by others)
D = 19"
H = 4.1"



SRM – Surface Mount
D = 19"
H = 4.1"



SRM – Surface Mount with Up-Light
D = 19"
H = 5.3"



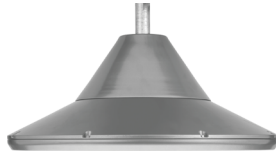
YK – Yoke/Trunnion Mount
D = 19"
H (Yoke) = 10"-18"



ARM – Arm Mount
L = 28"
W = 19"
H = 8"



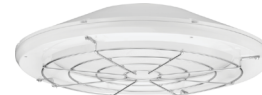
PIR & PIRH – Motion/Ambient sensor
D = 19"
H = 4.6" or
+1.2" (with up-light)
+2" (with nLight AIR)



BDS – Bird shroud for pendant mount
D = 19"
H = 8"



BDS – Bird shroud for yoke mount
D = 19"
H (Yoke) = 10"-18"



WG – Wire guard
D = 19"
H = 4.9" (no up-light) or
5.9" (with up-light)



HS – House side shield
D = 19"
H = 7.1" (no up-light) or
8.1" (with up-light)

FEATURES & SPECIFICATIONS

INTENDED USE

The visually comfortable optics, energy savings, and long life of the VCPG LED Parking Garage luminaire make it an ideal choice for new commercial installations and retrofit parking garage opportunities. It is designed to meet or exceed recommended illuminance criteria when installed as a direct replacement of most HID parking garage luminaires. Its modern dayform and aesthetics also make it appealing for indoor low-bay applications.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. The LED driver is separated from the heat generating light engines and mounted in direct contact with the casting to promote low operating temperatures, higher lumen maintenance and long life. The housing is completely sealed against moisture and environmental contaminants (IP66) and is suitable for hose-down application.

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.

OPTICS

Light guide technology provides a diffused light source, reducing glare from direct view of the LEDs. The light source is recessed into the luminaire, further reducing the high angle glare from the luminaire. A combination of precision molded micro prismatic acrylic lenses and back reflectors provide five different photometric distributions tailored specifically to parking garage applications. Up-light option comes with a dedicated light engine and custom optic designed to efficiently spread light on to the ceiling, thus reducing the cave effect.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L89/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%, and a minimum 6.0 KV surge rating. When ordering the SPD10KV option, a separate 10kV (5kA) surge protection device is installed within the luminaire which meets a minimum Category C low operation (per ANSI/IEEE C62.41.2). Luminaire is 0-10V dimmable down to 10% or lower.

INSTALLATION

Standard configuration accepts a rigid or free-swinging 3/4" NPT stem for pendant mounting. The surface mount option attaches to a 4x4" recessed or surface mount outlet box using a quick-mount kit (included); kit contains galvanized steel luminaire and outlet box plates and a full pad gasket. Kit has an integral mounting support that allows the luminaire to hinge down for easy electrical connections. Luminaire and plates are secured with set screws. Also, available with a yoke/trunnion mount option with 3/4" NPT provision for flexible conduit entry (conduit by others); height can be adjusted from 10-18". Supply leads are 24" in length as standard. Longer supply leads are available as additional options. Design can withstand up to a 3.0 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. IP66 rated for outdoor applications. PIR options are rated for wet location. IK08 Rated. 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.

GOVERNMENT 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 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

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

FEATURES & SPECIFICATIONS

INTENDED USE — The 6" Wafer™ LED Downlight with Switchable White provides high-quality light output and efficiency featuring a switch for easy color temperature adjustment - while eliminating the need for recessed housings. The innovative, slim design allows for easy retrofit, remodel or new construction installation from below the ceiling. The LED module maintains at least 70% light output for 50,000 hours. The Wafer LED downlight is wet location listed – making it ideal for use in a breadth of outdoor residential, hospitality, commercial and multifamily applications.

CONSTRUCTION — Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. FT4 plenum rated cable connector to connect from module to remote driver box. IC rated driver with convenience and value of two remote selectable color temperature options, each with a setting choice to chose either 2700K, 3000K, and 3500K or 3000K, 4000K, and 5000K using the switch. The isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (6) 14 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

PATENT PENDING.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 6" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 6 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 2" plenum space required for installation of the remote driver box.

OPTICS — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space.

ELECTRICAL — Connect directly to 120V Class-2 (CAN ICES-005 (B) / NMB-005 (B)) LED driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% with most standard incandescent dimers (see list of approved dimmers). Replaces 75W incandescent for 850L and 100W incandescent for 1150 lumens.

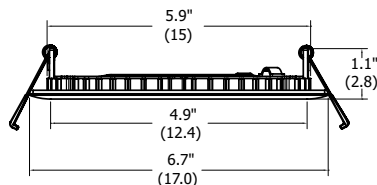
LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® certified product. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

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.

Specifications	
Aperture:	4.9 (12.4)
Ceiling opening:	6 (15.2)
Overlap trim:	6.7 (17)
Height:	1.1 (2.8)



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

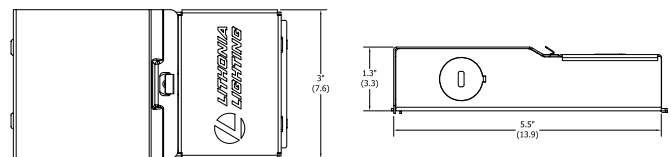


Wafer LED Recessed Downlight

WF6

6" LED Switchable White Color Temperature

IC/Non-IC
New Construction/Remodel



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WF6 LED 30K40K50K 90CRI MW

WF6				
Series	Lamp	CCT/W/Lumens ¹	CRI	Finish
WF6 6" wafer-thin LED downlight	LED LED	27K30K35K 2700K/14W/1040L 3000K/14W/1150L 3500K/14W/1110L 30K40K50K 3000K/14W/1090L 4000K/14W/1190L 5000K/14W/1120L	90CRI 90CRI	MW Matte White MB Matte Black BN Brush Nickel ORB Oil Rubbed Bronze

Notes

1 Total system delivered lumens.

See Accessories next page.

WF6 Switchable White 6" LED Wafer Module

Accessories: Order as separate catalog number.

WF6 PAN R12	6" new construction pan, retail pack of 12
WF8643 Pan U	Universal new construction pan
WFJB U	Remodel joist bar
WFEXC6 SW3PIN FT4	3-Pin 6ft Cable
WFEXC10 SW3PIN FT4	3-Pin 10ft Cable
WFEXC20 SW3PIN FT4	3-Pin 20ft Cable
WF6GR MW JZ	6" round oversized trim ring



WF6 PAN R12 6" new construction pan, retail pack of 12



WF8643 Universal New Construction Pan



Remodel Joist Bar



WFEXC6 Cable

PHOTOMETRICS

Distribution Curve

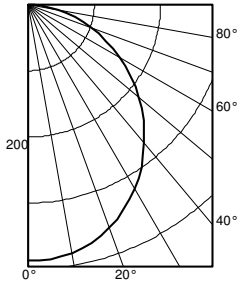
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

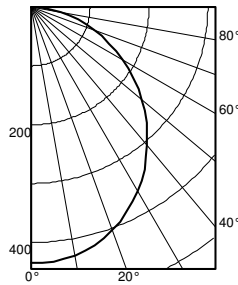
WF6 LED 27K30K35K, 2700K LEDs, input watts: 14, delivered lumens: 1074, LM/W=77, test no. ISF 36826P7



Ave Lumens	Zone	Lumens	% Lamp	pf	pc	pw	80%			70%			50%		
							50%	30%	10%	50%	30%	10%	50%	30%	10%
0	0°-30°	299.1	27.8	0	119	119	119	116	116	116	111	111	111		
5	0°-40°	485.9	45.2	1	104	99	96	101	98	94	97	94	91		
15	0°-60°	844.8	78.7	2	90	84	78	88	82	77	85	80	75		
25	0°-90°	1074.0	100.0	3	79	71	65	78	70	64	75	68	63		
35	90°-120°	0.0	0.0	4	70	62	55	69	61	54	67	59	54		
45	90°-130°	0.0	0.0	5	63	54	47	62	53	47	60	52	46		
55	90°-150°	0.0	0.0	6	57	48	41	56	47	41	54	46	41		
65	90°-180°	0.0	0.0	7	51	43	36	51	42	36	49	42	36		
75	0°-180°	1074.0	*100.0	8	47	38	33	46	38	32	45	38	32		
85				9	43	35	29	43	35	29	41	34	29		
90				10	40	32	27	39	32	27	38	31	26		

Mounting Height	Initial Center Beam	50% beam - 63.5°		10% beam - 108.5°	
		Diameter	FC	Diameter	FC
8.0	12.8	6.8	6.4	15.3	1.3
10.0	6.9	9.3	3.4	20.8	0.7
12.0	4.3	11.7	2.1	26.4	0.4
14.0	2.9	14.2	1.5	31.9	0.3
16.0	2.1	16.7	1.1	37.5	0.2

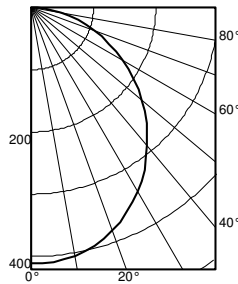
WF6 LED 27K30K35K, 3000K LEDs, input watts: 13, delivered lumens: 1207, LM/W=93, test no. ISF 36826P8



Ave Lumens	Zone	Lumens	% Lamp	pf	pc	pw	80%			70%			50%		
							50%	30%	10%	50%	30%	10%	50%	30%	10%
0	0°-30°	336.1	27.8	0	119	119	119	116	116	116	111	111	111		
5	0°-40°	546.1	45.2	1	104	99	96	101	98	94	97	94	91		
15	0°-60°	949.4	78.7	2	90	84	78	88	82	77	85	80	75		
25	0°-90°	1207.0	100.0	3	79	71	65	78	70	64	75	68	63		
35	90°-120°	0.0	0.0	4	70	62	55	69	61	54	67	59	54		
45	90°-130°	0.0	0.0	5	63	54	47	62	53	47	60	52	46		
55	90°-150°	0.0	0.0	6	57	48	41	56	47	41	54	46	41		
65	90°-180°	0.0	0.0	7	51	43	36	51	42	36	49	42	36		
75	0°-180°	1207.0	*100.0	8	47	38	33	46	38	32	45	38	32		
85				9	43	35	29	43	35	29	41	34	29		
90				10	40	32	27	39	32	27	38	31	26		

Mounting Height	Initial Center Beam	50% beam - 63.5°		10% beam - 108.5°	
		Diameter	FC	Diameter	FC
8.0	14.4	6.8	7.2	15.3	1.4
10.0	7.7	9.3	3.9	20.8	0.8
12.0	4.8	11.7	2.4	26.4	0.5
14.0	3.3	14.2	1.6	31.9	0.3
16.0	2.4	16.7	1.2	37.5	0.2

WF6 LED 27K30K35K, 3500K LEDs, input watts: 14, delivered lumens: 1141, LM/W=82, test no. ISF 36826P9



Ave Lumens	Zone	Lumens	% Lamp	pf	pc	pw	80%			70%			50%		
							50%	30%	10%	50%	30%	10%	50%	30%	10%
0	0°-30°	317.8	27.8	0	119	119	119	116	116	116	111	111	111		
5	0°-40°	516.2	45.2	1	104	99	96	101	98	94	97	94	91		
15	0°-60°	897.5	78.7	2	90	84	78	88	82	77	85	80	75		
25	0°-90°	1141.0	100.0	3	79	71	65	78	70	64	75	68	63		
35	90°-120°	0.0	0.0	4	70	62	55	69	61	54	67	59	54		
45	90°-130°	0.0	0.0	5	63	54	47	62	53	47	60	52	46		
55	90°-150°	0.0	0.0	6	57	48	41	56	47	41	54	46	41		
65	90°-180°	0.0	0.0	7	51	43	36	51	42	36	49	42	36		
75	0°-180°	1141.0	*100.0	8	47	38	33	46	38	32	45	38	32		
85				9	43	35	29	43	35	29	41	34	29		
90				10	40	32	27	39	32	27	38	31	26		

Mounting Height	Initial Center Beam	50% beam - 63.5°		10% beam - 108.5°	
		Diameter	FC	Diameter	FC
8.0	13.6	6.8	6.8	15.3	1.4
10.0	7.3	9.3	3.7	20.8	0.7
12.0	4.6	11.7	2.3	26.4	0.5
14.0	3.1	14.2	1.6	31.9	0.3
16.0	2.3	16.7	1.1	37.5	0.2

WF6 Switchable White 6" LED Wafer Module

PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire						
WF6 LED 30K40K50K, 3000K LEDs, input watts: 14, delivered lumens: 1099, LM/W=79, test no. ISF 36826P10										
	Ave Lumens	Zone Lumens % Lamp	pf pc pw	80% 50% 30% 10%	20% 50% 30% 10%	50% 50% 30% 10%	Mounting Height	Initial FC Center Beam	50% beam - Diameter FC	10% beam - Diameter FC
	0 396	0° - 30° 306.1 27.8	0 119 119 119	116 116 116	111 111 111	8.0 13.1	6.8 6.5	15.3 1.3	63.5°	108.5°
	5 396 38	0° - 40° 497.2 45.2	1 104 99 96	101 98 94	97 94 91	10.0 7.0	9.3 3.5	20.8 0.7		
	15 381 107	0° - 60° 864.4 78.7	2 90 84 78	88 82 77	85 80 75	12.0 4.4	11.7 2.2	26.4 0.4		
	25 350 161	0° - 90° 1099.0 100.0	3 79 71 65	78 70 64	75 68 63	14.0 3.0	14.2 1.5	31.9 0.3		
	35 306 191	90° - 120° 0.0 0.0	4 70 62 55	69 61 54	67 59 54	16.0 2.2	16.7 1.1	37.5 0.2		
	45 252 194	90° - 130° 0.0 0.0	5 63 54 47	62 53 47	60 52 46					
	55 194 173	90° - 150° 0.0 0.0	6 57 48 41	56 47 41	54 46 41					
	65 133 131	90° - 180° 0.0 0.0	7 51 43 36	51 42 36	49 42 36					
	75 75 79	0° - 180° 1099.0 *100.0	8 47 38 33	46 38 32	45 38 32					
	85 21 24	*Efficiency	9 43 35 29	43 35 29	41 34 29					
90 0		10 40 32 27	39 32 27	38 31 26						

WF6 LED 30K40K50K, 4000K LEDs, input watts: 13, delivered lumens: 1199, LM/W=92, test no. ISF 36826P11										
	Ave Lumens	Zone Lumens % Lamp	pf pc pw	80% 50% 30% 10%	20% 50% 30% 10%	50% 50% 30% 10%	Mounting Height	Initial FC Center Beam	50% beam - Diameter FC	10% beam - Diameter FC
	0 432	0° - 30° 333.9 27.8	0 119 119 119	116 116 116	111 111 111	8.0 14.3	6.8 7.1	15.3 1.4	63.5°	108.5°
	5 432 41	0° - 40° 542.4 45.2	1 104 99 96	101 98 94	97 94 91	10.0 7.7	9.3 3.8	20.8 0.8		
	15 416 117	0° - 60° 943.1 78.7	2 90 84 78	88 82 77	85 80 75	12.0 4.8	11.7 2.4	26.4 0.5		
	25 382 176	0° - 90° 1199.0 100.0	3 79 71 65	78 70 64	75 68 63	14.0 3.3	14.2 1.6	31.9 0.3		
	35 334 209	90° - 120° 0.0 0.0	4 70 62 55	69 61 54	67 59 54	16.0 2.4	16.7 1.2	37.5 0.2		
	45 275 212	90° - 130° 0.0 0.0	5 63 54 47	62 53 47	60 52 46					
	55 212 189	90° - 150° 0.0 0.0	6 57 48 41	56 47 41	54 46 41					
	65 145 143	90° - 180° 0.0 0.0	7 51 43 36	51 42 36	49 42 36					
	75 81 86	0° - 180° 1199.0 *100.0	8 47 38 33	46 38 32	45 38 32					
	85 23 26	*Efficiency	9 43 35 29	43 35 29	41 34 29					
90 0		10 40 32 27	39 32 27	38 31 26						

WF6 LED 30K40K50K, 5000K LEDs, input watts: 14, delivered lumens: 1127, LM/W=81, test no. ISF 36826P12										
	Ave Lumens	Zone Lumens % Lamp	pf pc pw	80% 50% 30% 10%	20% 50% 30% 10%	50% 50% 30% 10%	Mounting Height	Initial FC Center Beam	50% beam - Diameter FC	10% beam - Diameter FC
	0 406	0° - 30° 313.9 27.8	0 119 119 119	116 116 116	111 111 111	8.0 13.4	6.8 6.7	15.3 1.3	63.5°	108.5°
	5 406 39	0° - 40° 509.9 45.2	1 104 99 96	101 98 94	97 94 91	10.0 7.2	9.3 3.6	20.8 0.7		
	15 391 110	0° - 60° 886.5 78.7	2 90 84 78	88 82 77	85 80 75	12.0 4.5	11.7 2.3	26.4 0.4		
	25 359 165	0° - 90° 1127.0 100.0	3 79 71 65	78 70 64	75 68 63	14.0 3.1	14.2 1.5	31.9 0.3		
	35 314 196	90° - 120° 0.0 0.0	4 70 62 55	69 61 54	67 59 54	16.0 2.2	16.7 1.1	37.5 0.2		
	45 258 199	90° - 130° 0.0 0.0	5 63 54 47	62 53 47	60 52 46					
	55 199 177	90° - 150° 0.0 0.0	6 57 48 41	56 47 41	54 46 41					
	65 136 135	90° - 180° 0.0 0.0	7 51 43 36	51 42 36	49 42 36					
	75 77 81	0° - 180° 1127.0 *100.0	8 47 38 33	46 38 32	45 38 32					
	85 22 25	*Efficiency	9 43 35 29	43 35 29	41 34 29					
90 0		10 40 32 27	39 32 27	38 31 26						

WF6 Switchable White 6" LED Wafer Module

ENERGY DATA

WF6 LED 27K30K35K			
Color Temperature	2700K	3000K	3500K
Lumens	1070	1150	1110
CRI	90	90	90
Rated wattage	14.1	13.4	13.9
Lu/Watts	75.9	85.8	79.9
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.12A	0.12A	0.12A

WF6 LED 30K40K50K			
Color Temperature	3000K	4000K	5000K
Lumens	1090	1190	1120
CRI	90	90	90
Rated wattage	13.8	13.4	13.9
Lu/Watts	79.0	88.8	80.6
Min. starting temp	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards	Class A Standards	Class A Standards
Input voltage	120V	120V	120V
Min. power factor	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input power	120V	120V	120V
Input current	0.12A	0.12A	0.12A

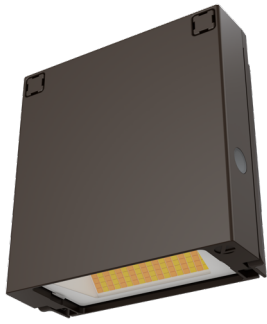
LIGHTING PERFORMANCE DATA



HIGH LUMEN

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white blanc doux	
1070 lumens 76 lumens per watt	
3000K warm white blanc chaud	
1150 lumens 82 lumens per watt	
3500K neutral white blanc neutre	
1110 lumens 79 lumens per watt	
Watts	14
Color Accuracy (CRI) Précision des couleurs (CRI)	90

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
3000K warm white blanc chaud	
1090 lumens 78 lumens per watt	
4000K cool white blanc froid	
1190 lumens 85 lumens per watt	
5000K daylight blanc neutre	
1120 lumens 80 lumens per watt	
Watts	14
Color Accuracy (CRI) Précision des couleurs (CRI)	90



WPX0 LED Wall Pack



Catalog
Number

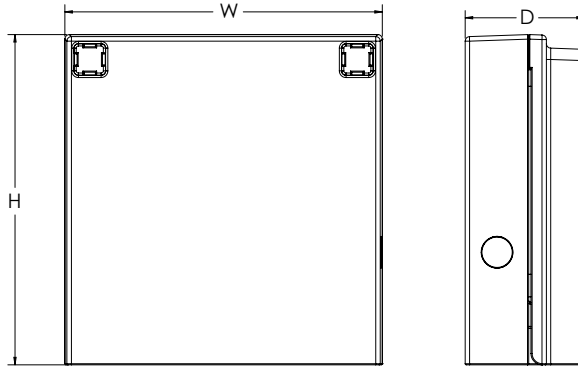
Notes

Type

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

Specifications

- Depth (D):** 2"
- Height (H):** 5.75"
- Width (W):** 5.5"
- Weight:** 2.5lbs



Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in four sizes, the WPX family delivers 850 to 9,200 lumens with a wide, uniform distribution.

The WPX0 full cut-off wall pack is an excellent above the door lighting solution. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Standard features such as Adjustable Lumen Output (ALO), color switching and switchable photocell make WPX0 ideal for any application.

Ordering Information

EXAMPLE: WPX0 LED ALO SWW2 MVOLT PE DDBXD

Series	Color Temperature	Voltage	Controls	Finish
WPX0 LED ALO 850 - 1,650 Lumens	SWW2 3000K / 4000K / 5000K	MVOLT 120V - 277V	PE Photocell (On/Off)	DDBXD Dark bronze

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration.

NOTES:
Default out of the box settings: 1,650 Lumens, 4000K, Photocell enabled

FEATURES & SPECIFICATIONS

INTENDED USE

The WPX LED wall packs are designed to provide a cost-effective, energy-efficient solution for the one-for-one replacement of existing HID wall packs. The WPX0, WPX1, WPX2 and WPX3 are ideal for replacing up to 70W, 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution. WPX is rated for -40°C to 40°C.

CONSTRUCTION

WPX feature a die-cast aluminum main body with optimal thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL

Light engine consist of high-efficacy LEDs and LED lumen maintenance of L86/100,000 hours. Color temperature (CCT) can be switched between 3000K, 4000K and 5000K with minimum CRI of 80. Electronic driver ensures system power factor >90% and THD <20%. The luminaire operates on MVOLT (120V - 277V) input.

A module inside the luminaire allows the installer to not only switch between CCTs, but also the adjust the lumen output and switch on and off the photocell (PE).

INSTALLATION

WPX can be mounted directly over a standard electrical junction box. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at 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/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.



Performance Data

Electrical Load

ALO Setting	Input Power (W)	120 V (A)	208 V (A)	240 V (A)	277 V (A)
ALO 4	13.0	0.11	0.06	0.05	0.05
ALO 3	9.2	0.08	0.04	0.04	0.03
ALO 2	7.8	0.07	0.04	0.03	0.03
ALO 1	6.4	0.05	0.03	0.03	0.02

Lumen Output

ALO Setting	Color Temperature	Lumen Output
ALO 4	3000K	1,591
	4000K	1,644
	5000K	1,667
ALO 3	3000K	1,164
	4000K	1,191
	5000K	1,225
ALO 2	3000K	974
	4000K	994
	5000K	1,025
ALO 1	3000K	814
	4000K	829
	5000K	859

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	1.027
5°C	41°F	1.023
10°C	50°F	1.018
15°C	59°F	1.012
20°C	68°F	1.006
25°C	77°F	1.000
30°C	86°F	0.993
35°C	95°F	0.986
40°C	104°F	0.979

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 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	50,000	75,000	100,000
Lumen Maintenance Factor	>0.93	>0.89	>0.86

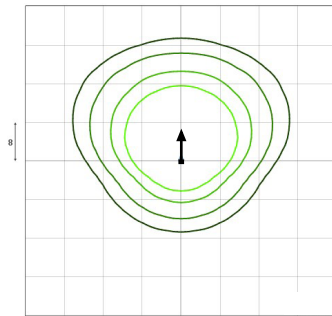
Photometric Diagrams

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

LEGEND

	0.1 fc
	0.2 fc
	0.5 fc
	1.0 fc

WPX0 LED ALO4



Switchable Features

