



CITY OF FISHERS AGENDA

BOARD/COMMISSION: Planned Unit Development (PUD) Committee Meeting

DATE: 3/14/2024, at 4:30 PM

DIRECTIONS: Launch Fishers Theater , 12175 Visionary Way, Fishers, IN 46038

In accordance with the Americans with Disabilities Act (ADA), the City of Fishers will, upon request, provide appropriate aid and/or assistance leading to effective participation for people with disabilities. Anyone who requires such assistance should contact Kelly Lewark, Office Manager, no later than forty-eight (48) hours before the scheduled event at (317) 595-3487 or via email at lewarkk@fishers.in.us.

Members of the public can [submit comments to the board via form submittal](#) before 12pm on the day of the meeting.

Members of the public may [stream the live meeting](#) online.

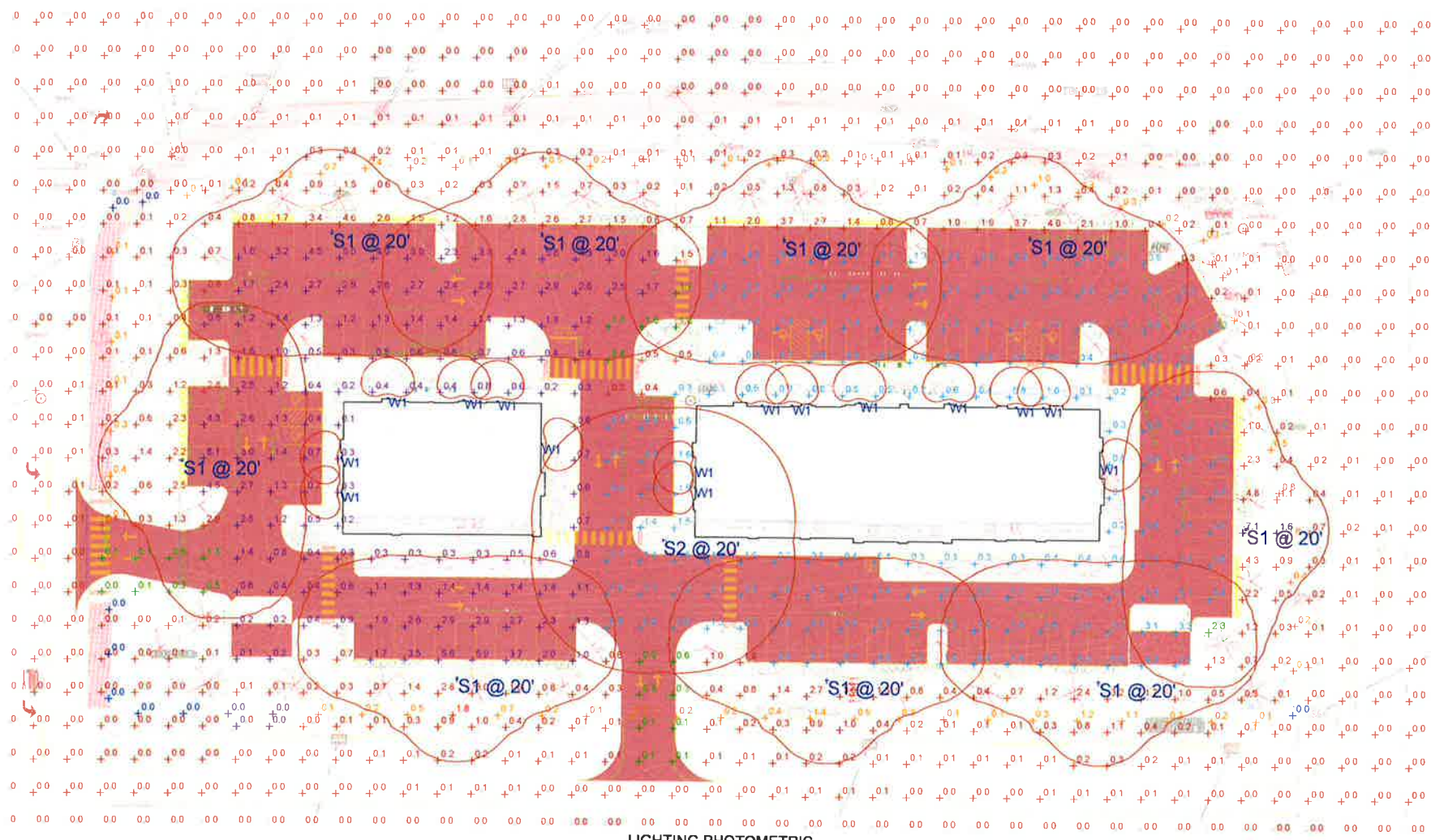
1. Regular PUD Committee

- a. Howard Stevenson, Pete Peterson, Shawn Curran, Emily Bowman, Megan Baumgartner
- b. **State at Fishers (Retail)**
Parcel: 15-14-12-00-21-005.005
Case: PUD-23-16
Request: Request to approve site plan and architecture for two new retail buildings within the Delaware Park PUD, generally located south of E. 106th Street between Kincaid Dr. and Lantern Rd.
Petitioner: Melissa Garrison, on behalf of the property owner (mgarrison@curran-architecture.com)
Planner: Christy Cashin, Senior Planner (cashinc@fishers.in.us)

2. Riverplace PUD Committee

- a. Howard Stevenson, John Weingardt, Elliott Hultgren, Shawn Curran, Drew Bender
- b. None

3. Staff Communication



LIGHTING PHOTOMETRIC
SCALE : 1/2" = 1 FT

GENERAL NOTES

- SEE AS NOTED
- FOOT CANDLE CALCULATED AT GRADE
- LIGHT LOSS FACTOR AS NOTED
- CONTACT ANDREA HERRINGTON FOR PRELIMINARY INFORMATION

11/1/2024	11/1/2024
11/1/2024	11/1/2024
11/1/2024	11/1/2024
11/1/2024	11/1/2024

LIGHT|SOURCE
ILLUMINATION CONSULTANTS

8718 CASTLE PARK DRIVE
INDIANAPOLIS, IN 46256
WWW.LIGHTSOURCEINDIANA.COM
P 317-586-5920

STATE AT FISHERS

EXTERIOR LIGHTING PHOTOMETRIC

ARH

As Noted

2/20/2024

LS-24-2027 SITE

E101

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Boundary_Grade	+	0.3 fc	1.9 fc	0.0 fc	N/A	N/A
Building A Parking Area_Grade	X	1.6 fc	8.5 fc	0.1 fc	65.0:1	16.0:1
Building B Parking Area_Grade	X	1.8 fc	6.1 fc	0.1 fc	61.0:1	16.0:1
Paved Areas_Grade	X	1.6 fc	8.5 fc	0.0 fc	N/A	N/A
Site_Grade	+	0.4 fc	7.1 fc	0.0 fc	N/A	N/A

Schedule						
Symbol	Label	Quantity	Manufacturer	Ordering Number	Description	Notes
S1	Lighting	8	Lighting	8522 LED P2 40W R3 VMD-1 3W AAAA MOUNTED AT 20' ON 10'- 0" SPOLE WITH 2'- 0" BALL	8522 Area Fixture 2' P2 Luminaire Package VMD-1 CCT Type A2 Operation	11202 0.05 11/1/2024
S2	Lighting	1	Lighting	8521 LED P2 40W R3 VMD-1 3W AAAA MOUNTED AT 20' ON 10'- 0" SPOLE WITH 2'- 0" BALL	8521 Area Fixture 2' P2 Luminaire Package VMD-1 CCT Type A2 Operation	11202 0.05 11/1/2024
W1	Lighting	15	Lighting	8521 LED P2 40W R3 VMD-1 3W AAAA MOUNTED AT 20' ON 10'- 0" SPOLE WITH 2'- 0" BALL	8521 Area Fixture 2' P2 Luminaire Package VMD-1 CCT Type A2 Operation	11202 0.05 11/1/2024



Comments:
This lighting photometric was prepared by the manufacturer and is intended to provide a general indication of the lighting system's performance. It is not a guarantee of performance and should be used in conjunction with the manufacturer's literature and the designer's specifications. The lighting system's performance may vary due to site conditions, weather, and other factors. The designer is responsible for the final lighting design and the manufacturer is responsible for the quality of the lighting fixtures.



Guardian gracefully assumes its role as an indispensable outdoor wall sconce, catering to a myriad of settings. Perfectly designed for multifamily entryways, its radiant glow welcomes residents and guests alike. Its versatile nature also finds a home at strip malls, shopping centers, and office buildings, flanking front doors to provide a symmetrical and elegant illumination. Beyond these, healthcare facilities and hospitality venues benefit from Guardian's harmonious blend of form and function. In every application, it offers a consistent promise of reliability, aesthetics, and a warm, inviting ambiance.

LED Engine

- Color Temp (CCT): 3000K, 3500K, 4000K
- CRI: 80+ (consult factory for 90+)
- Life Expectancy: L70 rated at 50,000+ hours
- Binning: 3-step Macadam
- Output: Min 1739 Source Lumens
Max 10437 Source Lumens

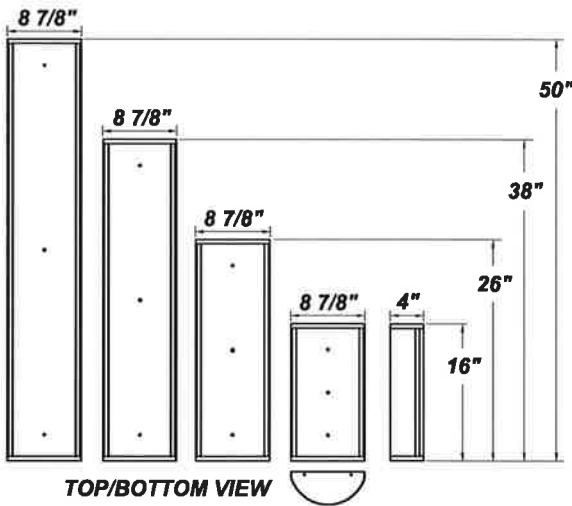
Driver

- Type: Constant current, Class 2, 120-277 Vac, 50/60Hz
- Dimming: 0-10V and phase (leading or trailing edge)
- Efficiency: Min 92%
- Operating Temp: -40°C / -40°F to 50°C / 122°F
- FCC Noise: Meets FCC Title 47 EMC Part 15 limits

Certifications

- Location Listing: Wet Located Rated for Wall Mounting
- Other: ADA Compliant
Buy America Compliant

Dimensions



Construction

Mounting Pan: extruded aluminum. **End Caps:** die cast aluminum. **Diffuser:** extruded, high impact white luminous acrylic. **Finish:** high quality polyester powder coating, various finishes. **Hardware:** stainless steel. **Mounting:** wall-mounted over a 4-inch junction box.



Catalog String

Fixture Core

GRDW

1

2

3

4

UNIV

5

Aesthetics & Options

6

7

8

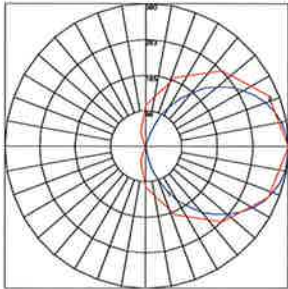
Product Specifications

1 — Product Code	2 — Trim	3 — Wattage	4 — Dimming	5 — Voltage
16 - GRDW16	STD (Blank)	L12.0 - (16, LT/ZE only)	ZE - 0-10V	UNIV - (120V-277V)
24 - GRDW24	CNL SAT	L18.0 - (16/LT/ZE or 24/LE/TE/ZE only)	LE - Leading Edge	
36 - GRDW36	TBS TBT	L36.5 - (24/ZE or 36/ZE only)	LT - Leading/Trailing Edge	
48 - GRDW48	TWB TXT	L49.5 - (24/ZE only)	TE - Trailing Edge	
	VHT	L72.0 - (36/ZE only)		
		L70.0 - (48/ZE only)		

6 — Finish	7 — CCT	8 — Options
FBK - Fine Textured Black	30K - 3000K	EB - Integral EM Battery (Not in 16)
FBZ - Fine Textured Bronze	35K - 3500K	MSI - Integral Motion Sensor
FWH - Fine Textured White	40K - 4000K	OEL - Single End Window
FVS - Fine Textured Silver		SPD - Surge Protection Device
		TEL - Twin End Windows (Both Ends)

Performance

Wattage	Source Lumens	Efficacy LM/W	CCT	Size
L12.0	1739	144.9	3000K	16
L18.0	2711	150.6		16, 24
L36.5	5993	156		24, 36
L49.5	6234	126		24
L72.0	10437	145		36
L70.0	5693	81.3		48



Polar Graph Details:

IES File Name: GRDW-L18.0-TE500-SM-3000K.IES

Maximum Candela = 390 Located At
Horizontal Angle = 0, Vertical Angle = 90

1 - Vertical Plane Through Horizontal
Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical
Angle (90) (Through Max. Cd.)

BUG Rating: B0-U4-G2

Trims



Guardian STD (Blank)



Guardian CNL



Guardian TBS



Guardian TWB



Guardian VHT



Guardian SAT



Guardian TBT



Guardian TXT

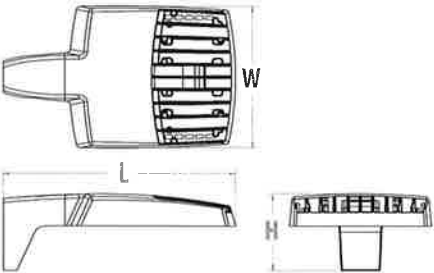


RSX1 LED
Area Luminaire



Specifications

EPA (ft²@0°):	0.57 ft² (0.05 m²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 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 RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W 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.

Catalog Number

Notes

Type

ds Design Select options indicated by this color background.



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: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED							
Series	Performance Package	Color Temperature	Distribution		Voltage	Mounting	
RSX1 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	50K 5000K	R3S	Type 3 Short	XVOLT (277V-480V) ⁴	MA	Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4	Type 4 Wide	(use specific voltage for options as noted)	IS	Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶
			R4S	Type 4 Short		WBA	Wall bracket ¹
			R5	Type 5 Wide ¹		WBASC	Wall bracket with surface conduit box
			R5S	Type 5 Short ¹	120 ³ 277 ⁵	AASP	Adjustable tilt arm square pole mounting ⁶
			AFR	Automotive Front Row	208 ³ 347 ⁵	AARP	Adjustable tilt arm round pole mounting ⁶
			AFRR90	Automotive Front Row Right Rotated	240 ³ 480 ⁵	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			DDBXD	Dark Bronze
HS	House-side shield ⁷	Shipped Installed *Standalone and Networked Sensors/Controls (factory default settings, see table page 9) NLTAIR2 PIRHN nLight AIR generation 2, with Networked, BI-Level motion/ambient sensor ^{8, 12, 13, 14} BAA Buy America(n) Act Compliant CCE Coastal Construction ¹⁵ *Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted. Shipped Separately (requires some field assembly) EGS External glare shield ⁷ EGFV External glare full visor (360° around light aperture) ⁷ BS Bird spikes ¹⁶	DBLXD	Black
PE	Photocontrol, button style ^{8,9}		DNAXD	Natural Aluminum
PER7	Seven-wire twist-lock receptacle only (no controls) ^{9, 10, 11}		DWHXD	White
SF	Single fuse (120, 277, 347) ⁵		DDBTXD	Textured Dark Bronze
DF	Double fuse (208, 240, 480) ⁵		DBLBDX	Textured Black
SPD20KV	20KV Surge pack (10KV standard)		DNATXD	Textured Natural Aluminum
FAO	Field adjustable output ⁹		DWHGXD	Textured White
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) ⁹			

Ordering Information

Accessories	
Ordered and shipped separately.	
RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (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) 11
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) 11
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) 11
DSHORT SBK U	Shorting cap 11

- NOTES
- 1

Any Type 5 distribution, is not available with WBA.

2

HVOLT 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 or P2. 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 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

11

signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.

12

For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.

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

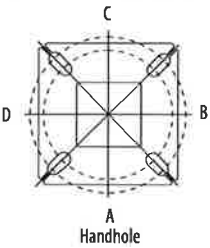


External 360 Full Visor

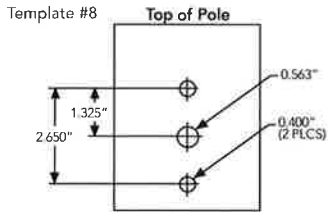
Pole/Mounting Information

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

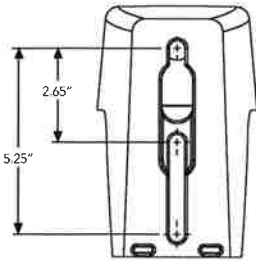
HANDHOLE ORIENTATION



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	AS3-5190	AS3-5280	AS3-5290	AS3-5320	AS3-5390	AS3-5490
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

RSX1 - Luminaire EPA

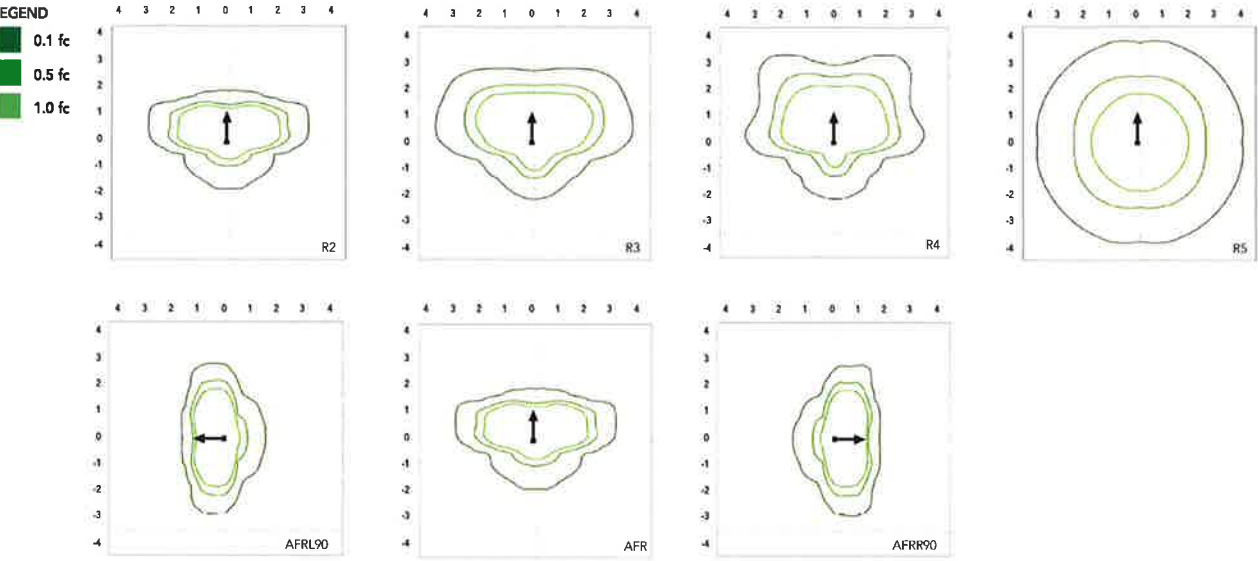
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

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 RSX1 LED P4 40K. Distances are in units of mounting height (20').



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	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

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.

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.

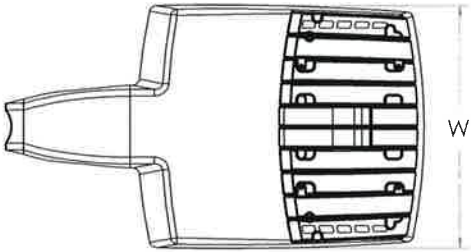
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

Dimensions & Weights

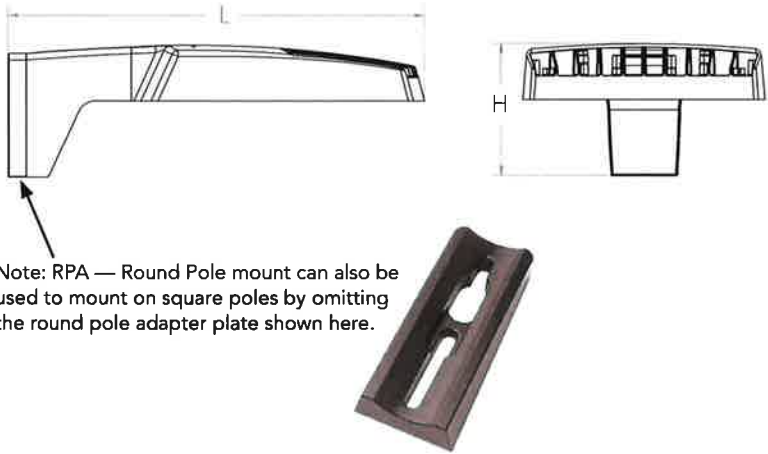
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

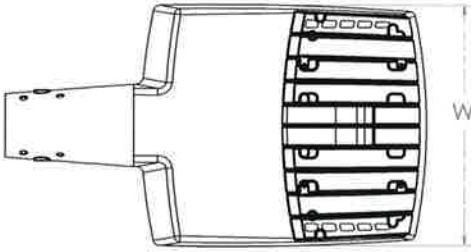
RSX1 with Round Pole Adapter (RPA)



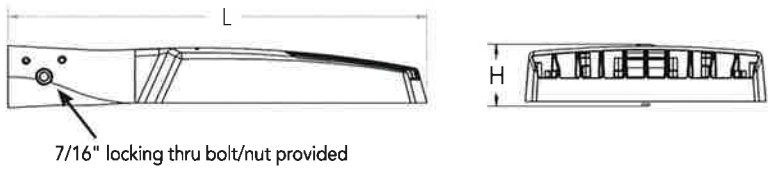
Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm



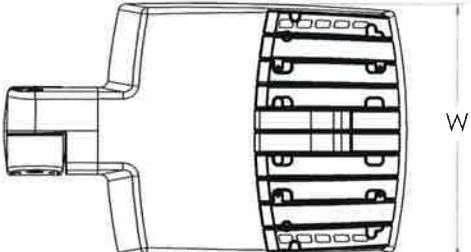
RSX1 with Mast Arm Adapter (MA)



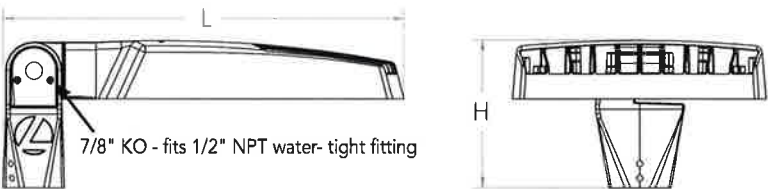
Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm



RSX1 with Adjustable Slipfitter (IS)

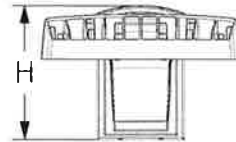
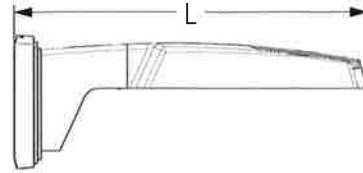
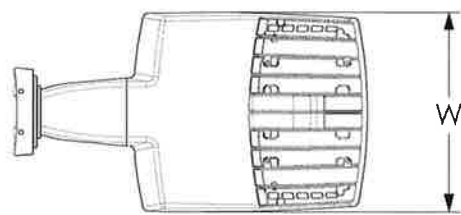


Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

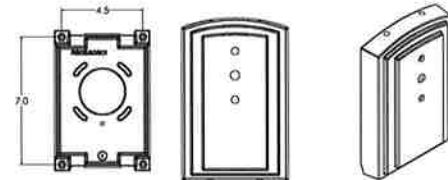


Dimensions

RSX1 with Wall Bracket (WBA)

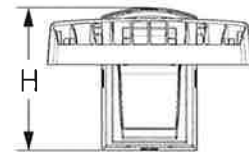
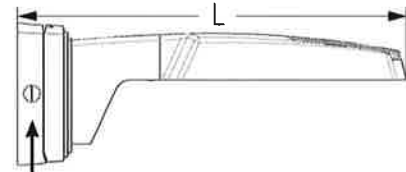
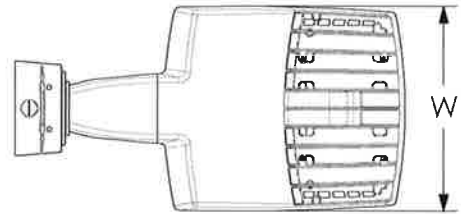


Wall Bracket (WBA) Mounting Detail



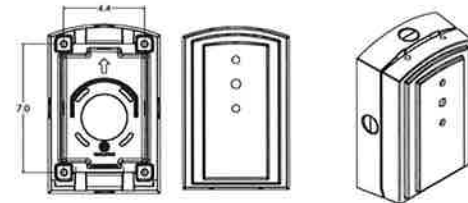
Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



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

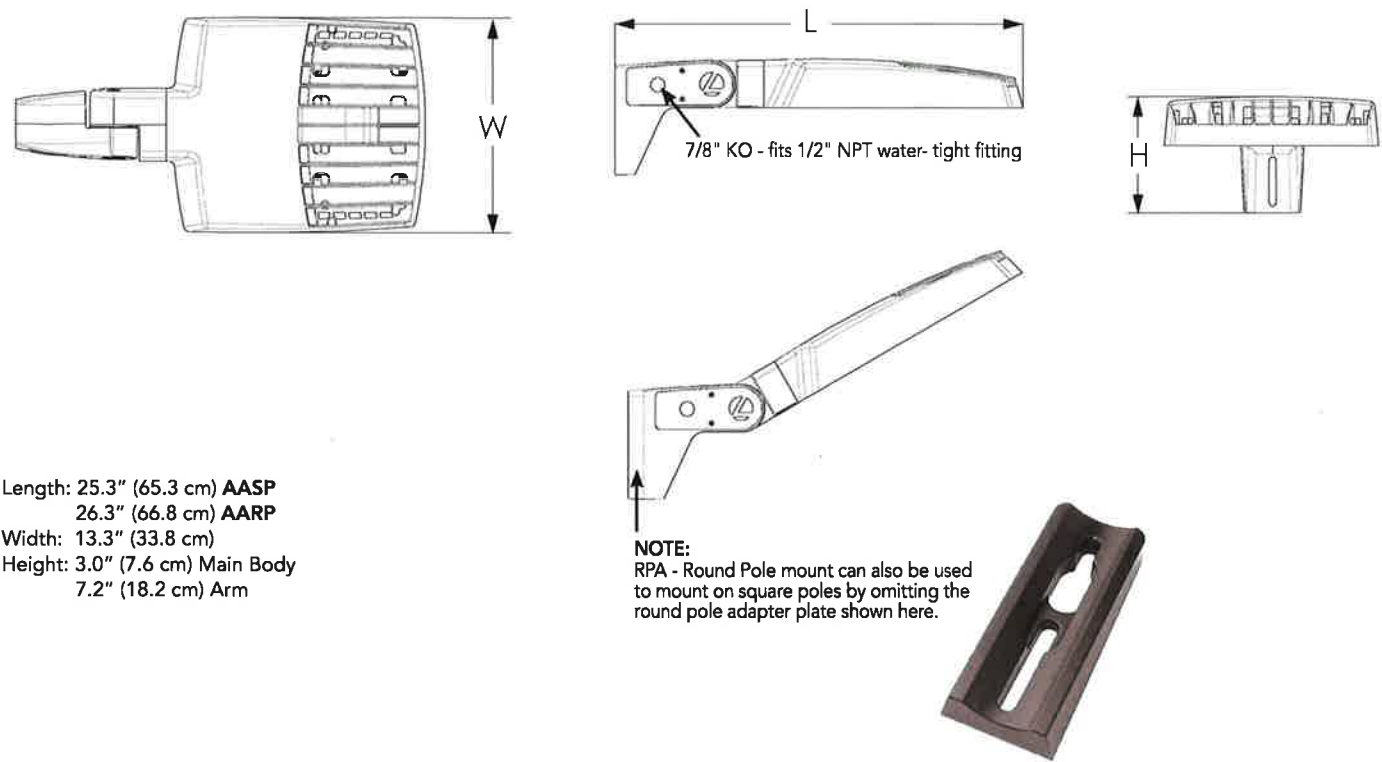
Surface Conduit Box (SCB) Mounting Detail



Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Dimensions

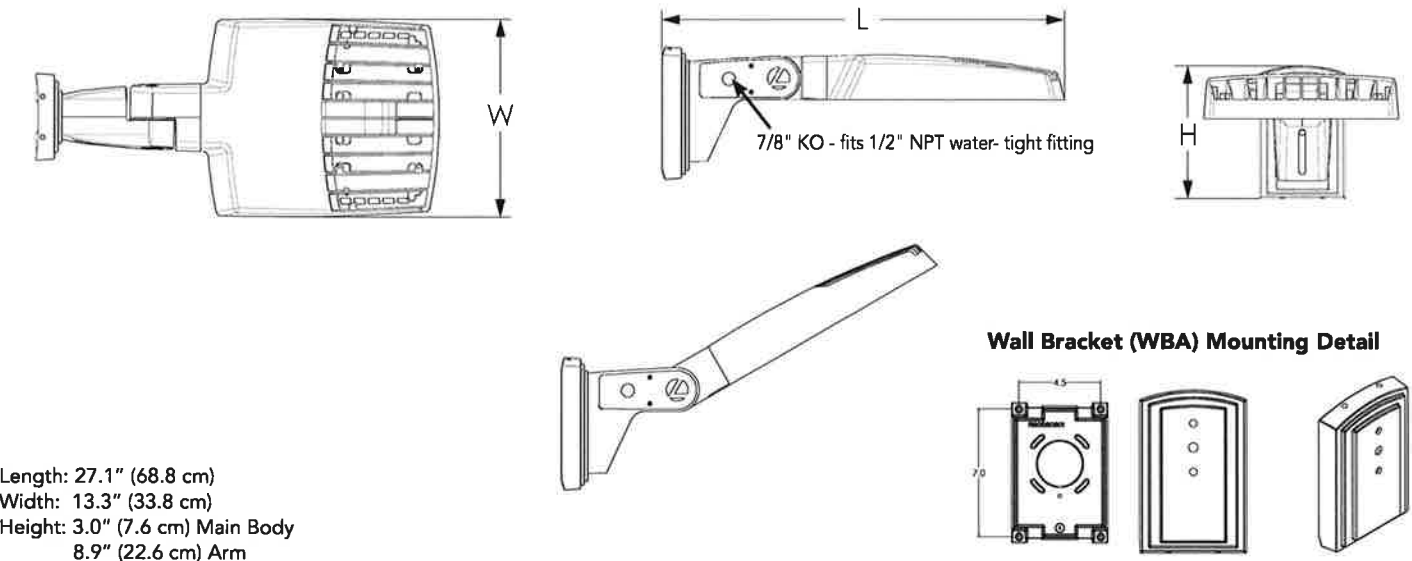
RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

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°.

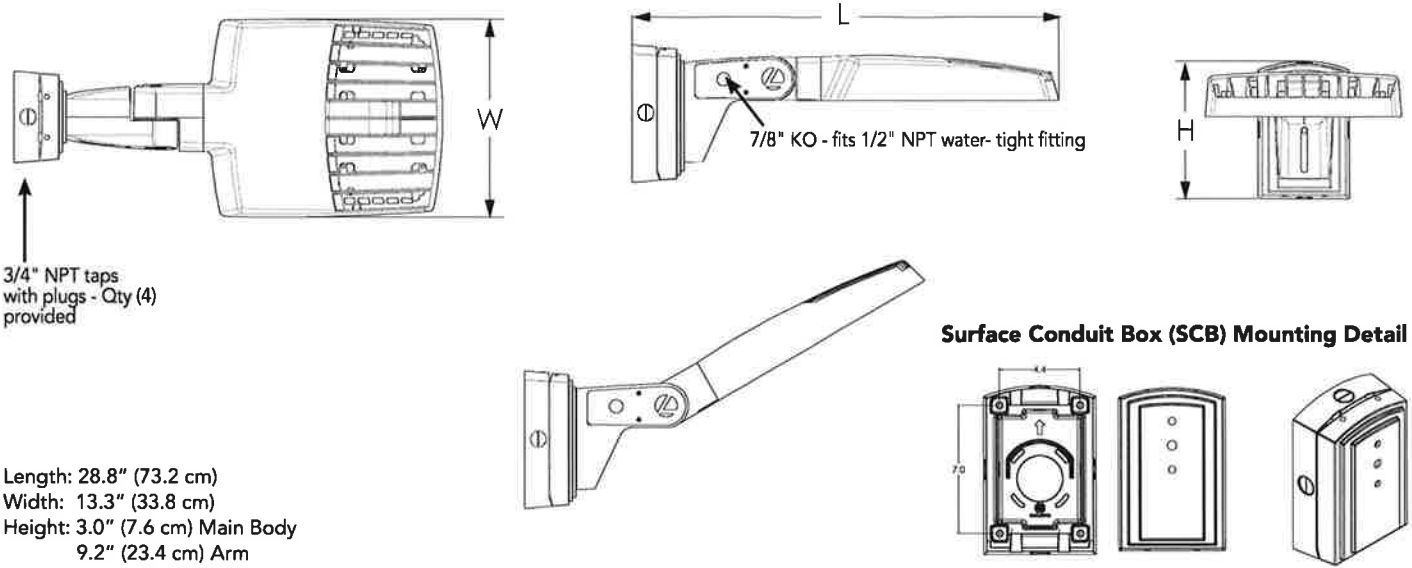
RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



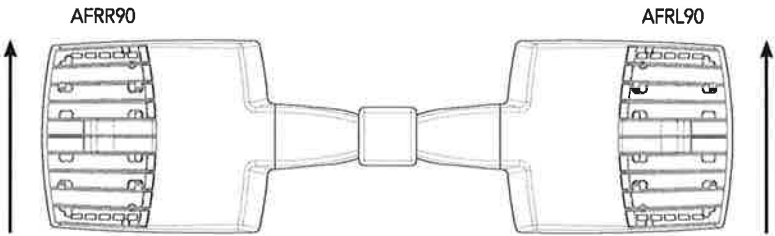
Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



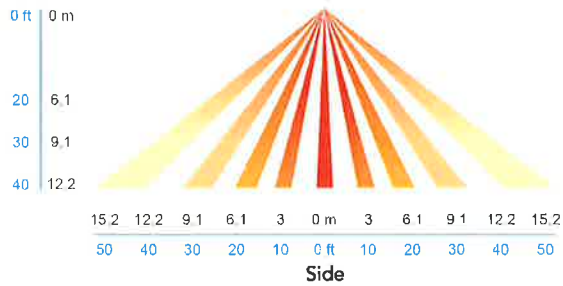
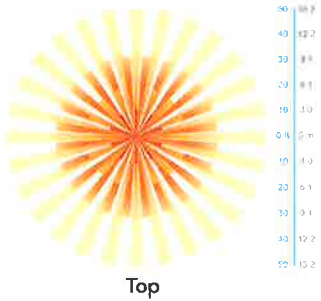
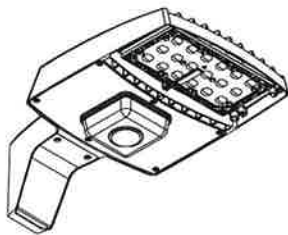
Automotive Front Row - Rotated Optics (AFRL90/R90)



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

nLight Control - Sensor Coverage and Settings

nLight Sensor Coverage Pattern
NLTAIR2 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 Clairity 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 RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION
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. All mountings are rated for minimum 1.5G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and 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.

COASTAL CONSTRUCTION (CCE)
ptional corrosion resistant construction is engineered with added corrosion rotection in materials and/or pre-treatment of base material under superYurable paint. Provides additional corrosion protection for applications nearUoastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with crie rating of 10. Additional lead-times apply.

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.

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/DQL 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. U.S. 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.

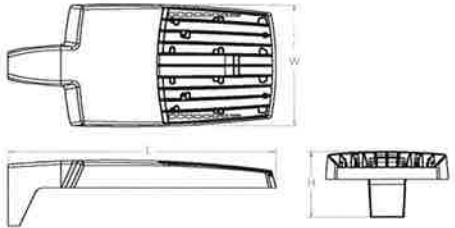


RSX2 LED
Area Luminaire



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)



Catalog Number

Notes

Type

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.

Design Select options indicated by this color background.



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

RSX2 LED											
Series	Performance Package	Color Temperature	Distribution		Voltage		Mounting				
RSX2 LED	P1	30K 3000K	R2	Type 2 Wide	MVOLT	(120V-277V) ¹	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	50K 5000K	R3S	Type 3 Short	XVOLT	(277V-480V) ⁴	MA	Mast arm adaptor (fits 2-3/8" OD horizontal tenon)			
	P4		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			WBA	Wall bracket ¹			
	P6		R5	Type 5 Wide ¹	120 ³	277 ⁵	WBASC	Wall bracket with surface conduit box			
			R5S	Type 5 Short ¹	208 ³	347 ⁵	AASP	Adjustable tilt arm square pole mounting ⁶			
			AFR	Automotive Front Row	240 ³	480 ⁵	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			DDBXD	Dark Bronze
HS	House-side shield ⁷		DBLXD	Black
PE	Photocontrol, button style ^{8,9}		DNAXD	Natural Aluminum
PER7	Seven-wire twist-lock receptacle only (no controls) ^{9,10,11}		DWHXD	White
SF	Single fuse (120, 277, 347) ⁵		DDBTXD	Textured Dark Bronze
DF	Double fuse (208, 240, 480) ⁵		DBLBXD	Textured Black
SPD20KV	20KV Surge pack (10KV standard)		DNATXD	Textured Natural Aluminum
FAO	Field adjustable output ⁹		DWHGXD	Textured White
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) ⁹			
DS	Dual switching ^{8,12}			
Shipped Installed				
*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)				
NLTAIR2 PIRHN	nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor ^{9,13,14,15}			
BAA	Buy America(n) Act Compliant			
CCE	Coastal Construction ¹⁶			
*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.				
Shipped Separately (requires some field assembly)				
EGS	External glare shield ⁷			
EGFV	External glare full visor (360° around light aperture) ⁷			
BS	Bird spikes ¹⁷			

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)
RSKWBA (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) ¹⁸
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CUL JU	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. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped

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, EGPV 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.

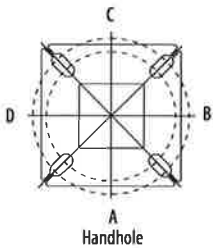
External Shields



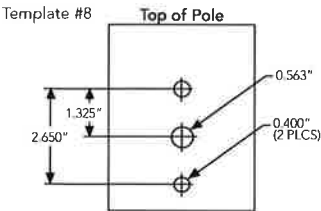
Pole/Mounting Information

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

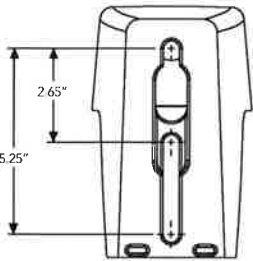
HANDHOLE ORIENTATION



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-S190	AS3-S280	AS3-S290	AS3-S320	AS3-S390	AS3-S490
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

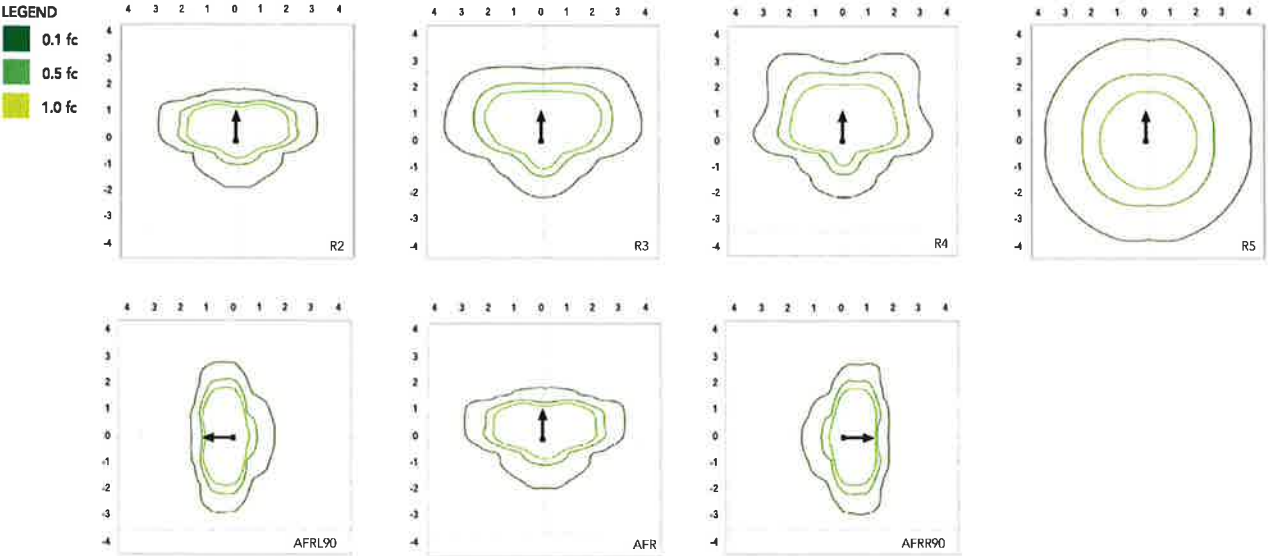
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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.

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.

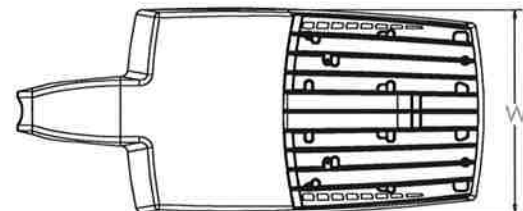
Performance Package	System Watts	Distribution, Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S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

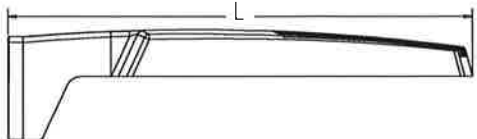
Luminaire Weight by Mounting Type

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)

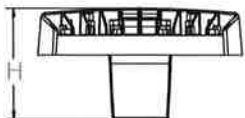


Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

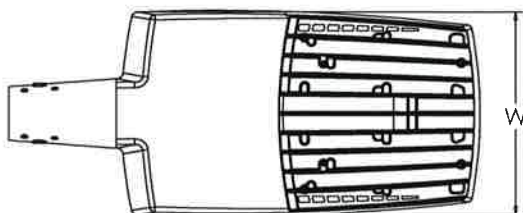


Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

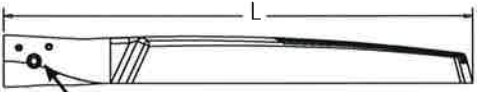




RSX2 with Mast Arm Adapter (MA)



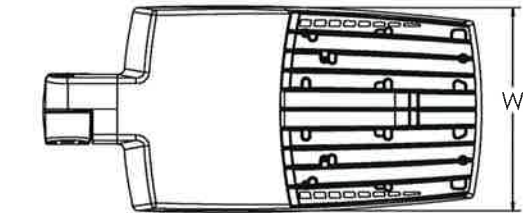
Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm



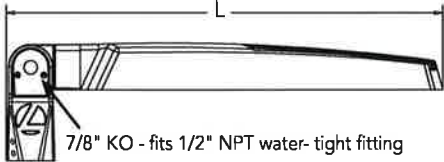
7/16" locking thru bolt/nut provided



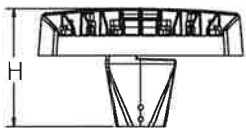
RSX2 with Adjustable Slipfitter (IS)



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

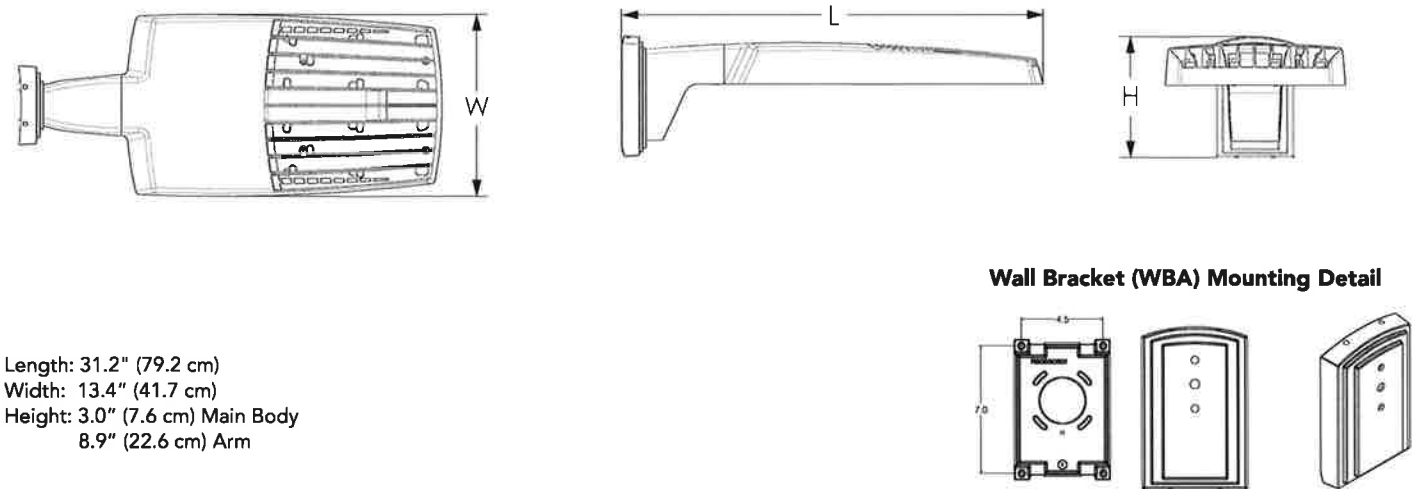


7/8" KO - fits 1/2" NPT water-tight fitting

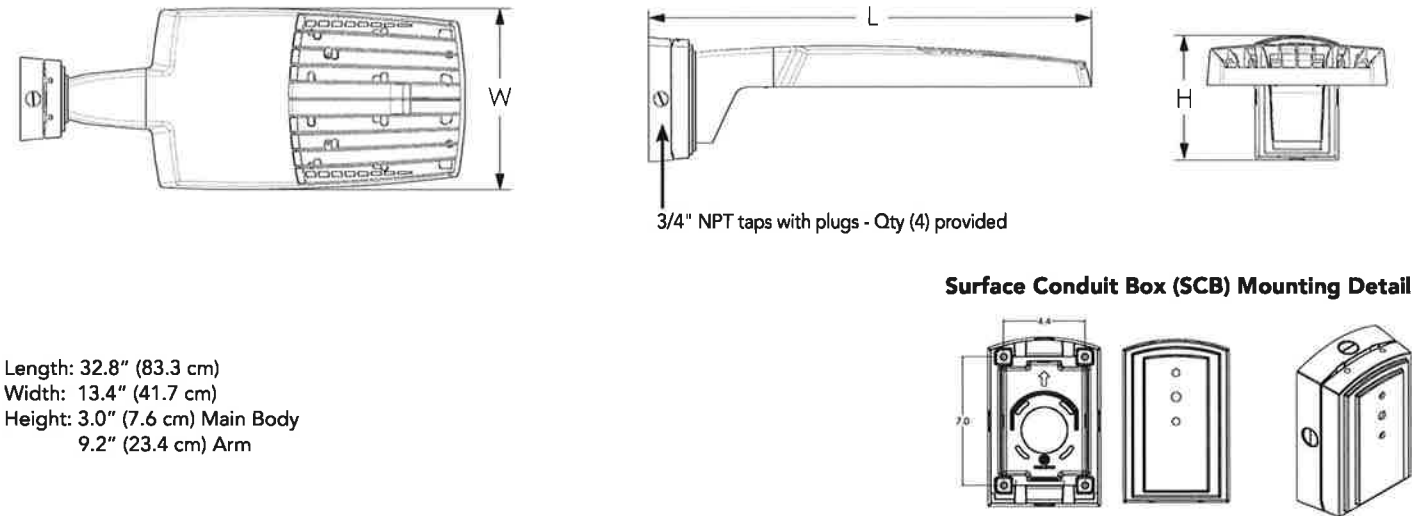


Dimensions

RSX2 with Wall Bracket (WBA)

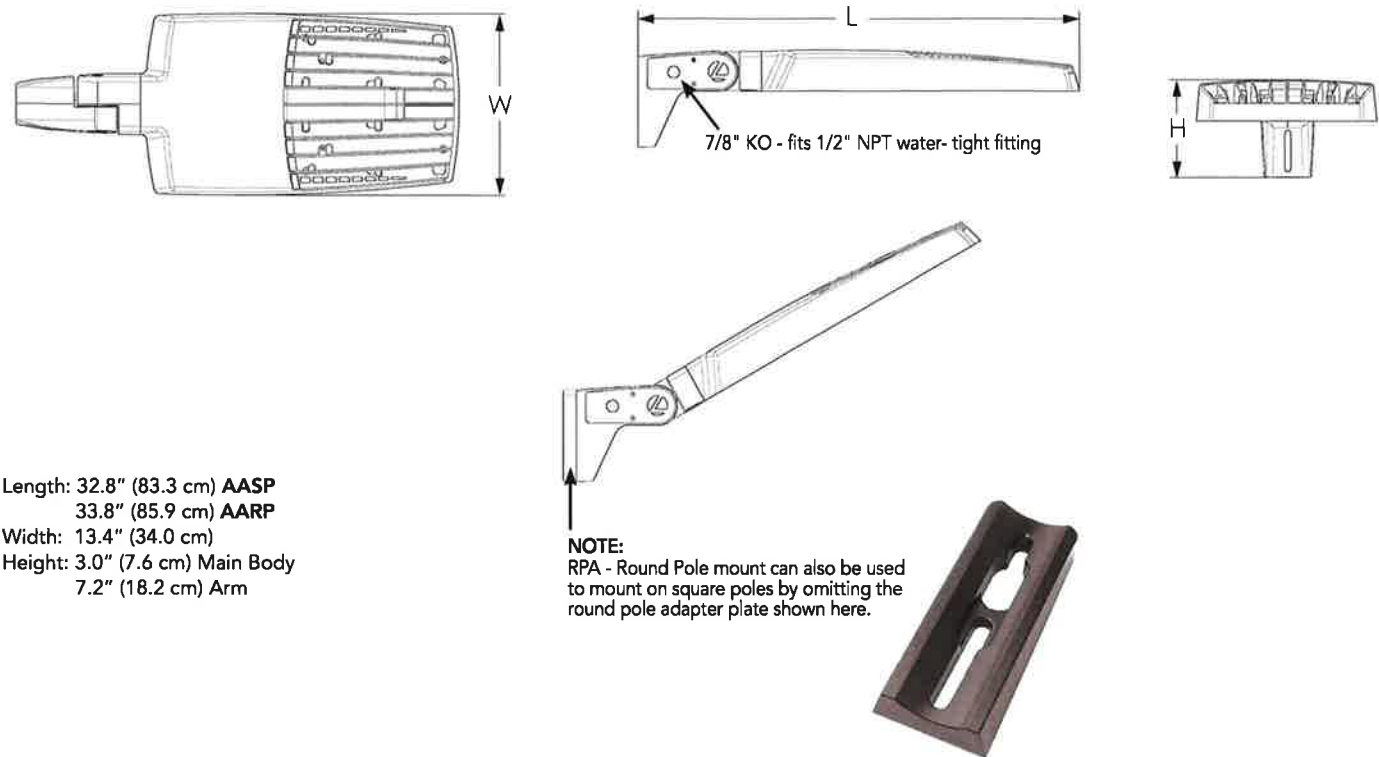


RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



Dimensions

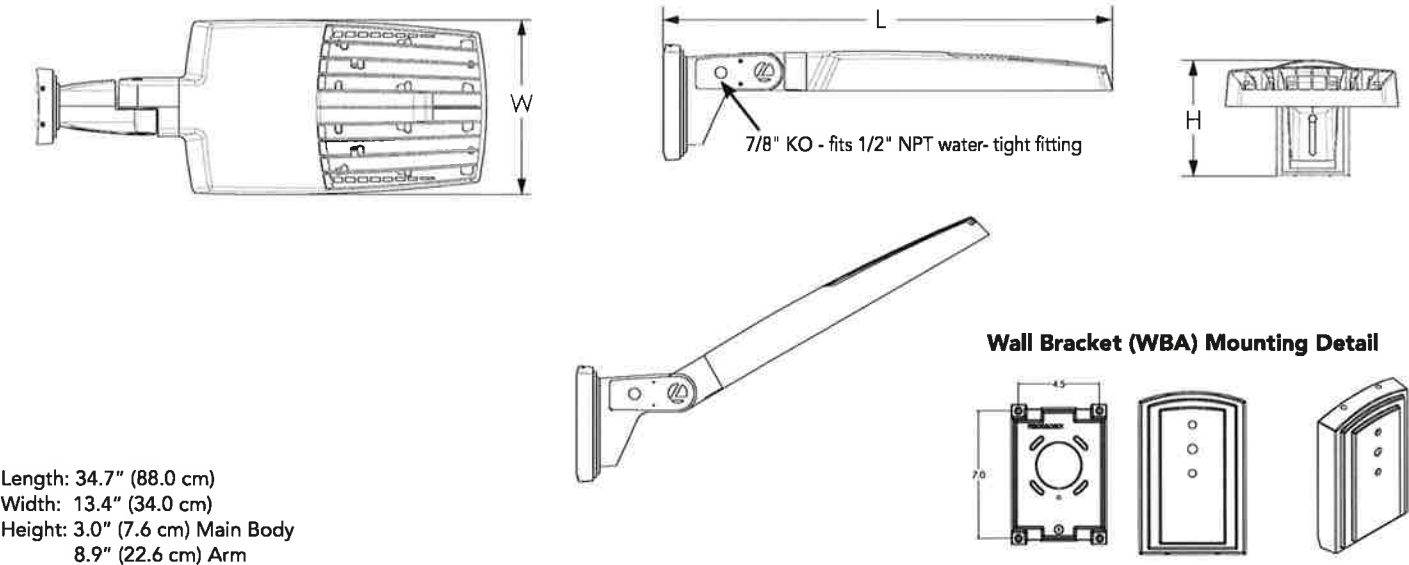
RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



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

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°.

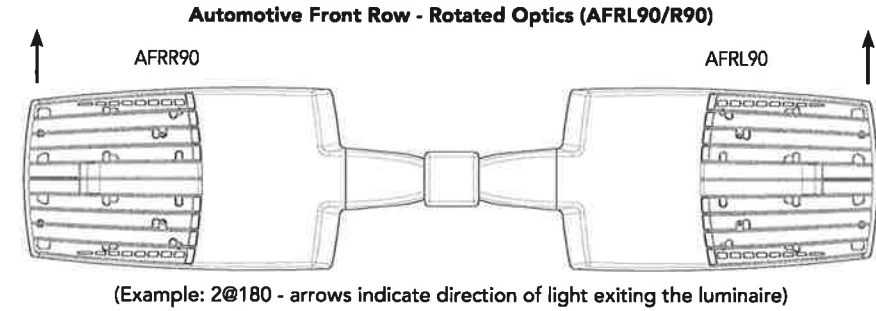
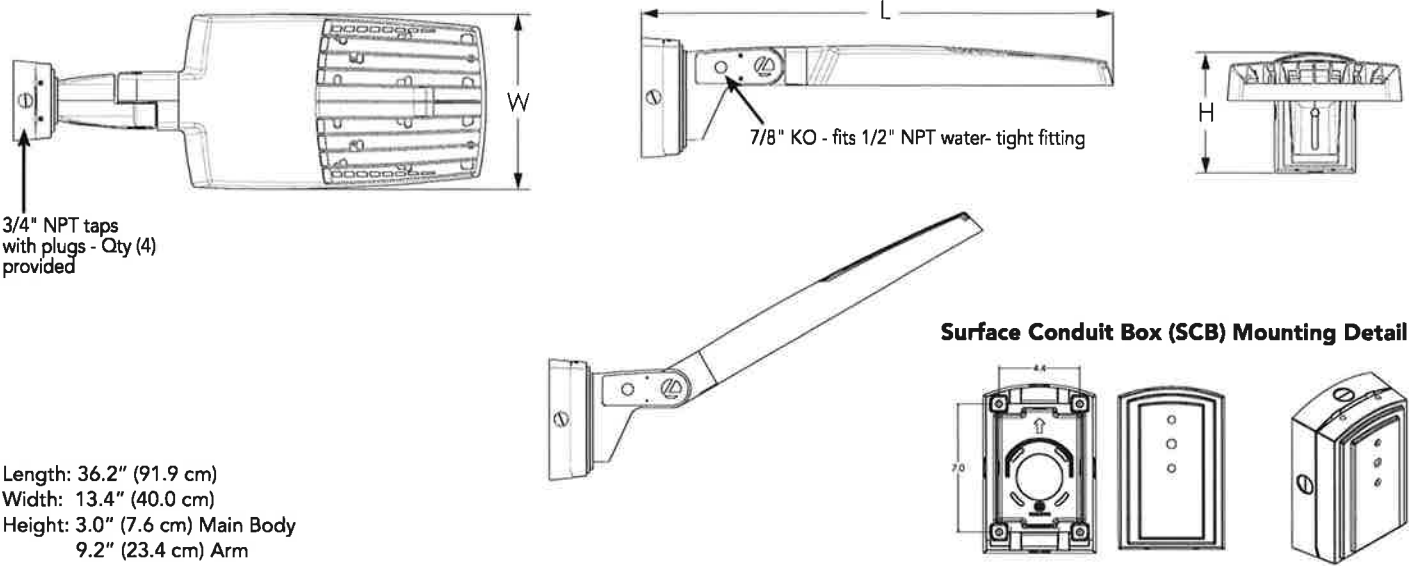
RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



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

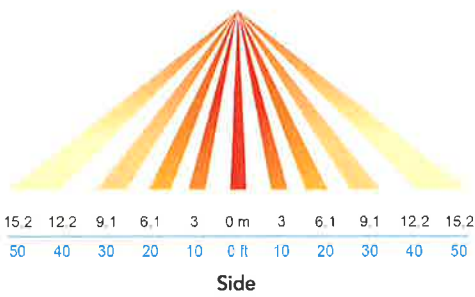
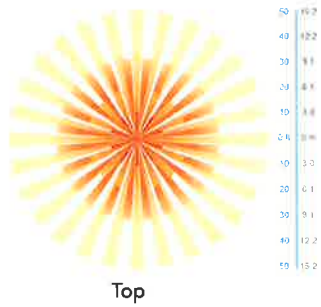
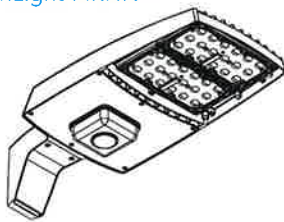
Dimensions

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



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 Clairity 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 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%. Fully 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.



FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION —

Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

Pole Top: Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets SA and SB classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

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.

INSTALLATION — **Do not** erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

WARRANTY — 1-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. Specifications subject to change without notice.

Catalog Number
Notes
Type



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL



SSS Square Straight Steel Poles

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: SSS 20 SC DM19 DDBXD

SSS					
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness¹	Mounting²	Options	Finish
SSS	10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) (See technical information table for complete ordering information.)	4C 4" 11g (0.120") 4G 4" 7g (0.179") 5C 5" 11g (0.120") 5G 5" 7g (0.179") 6G 6" 7g (0.179") (See technical information table for complete ordering information.)	<u>Tenon mounting</u>	<u>Shipped installed</u>	<u>Super durable paint colors</u>
			PT Open top (includes top cap)	VD Vibration damper⁴	DDBXD Dark bronze
			T20 2-3/8" O.D. (2" NPS)	HAXy Horizontal arm bracket (1 fixture)⁵,⁶	DBLXD Black
			T25 2-7/8" O.D. (2-1/2" NPS)	FDLxy Festoon outlet less electrical⁵,⁷	DNAXD Natural aluminum
			T30 3-1/2" O.D. (3" NPS)	CPL12/xy 1/2" coupling⁵	DWHXD White
			T35 4" O.D. (3-1/2" NPS)	CPL34/xy 3/4" coupling⁵	DSSXD Sandstone
			<u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting³</u>	CPL1/xy 1" coupling⁵	DGCXD Charcoal gray
			DM19 1 at 90°	NPL12/xy 1/2" threaded nipple⁵	DTGXD Tennis green
			DM28 2 at 180°	NPL34/xy 3/4" threaded nipple⁵	DBRXD Bright red
			DM28 PL 2 at 180° with one side plugged	NPL1/xy 1" threaded nipple⁵	DSBXD Steel blue
			DM29 2 at 90°	EHHxy Extra handhole⁵,⁸	DDBTXD Textured dark bronze
			DM39 3 at 90°	STLHHC Steel handhole cover (standard is plastic, finish is smooth)⁹	DBLBXD Textured black
			DM49 4 at 90°	FBCSTL2PC 2 Piece steel base cover (standard is plastic)⁹	DNATXD Textured natural aluminum
			<u>CSX/DSX/RSX/AFRIS™/OMERO™/KAX Drill mounting³</u>	IC Interior coating¹⁰	DWHGXD Textured white
			DM19AS 1 at 90°	L/AB Less anchor bolts (Include when anchor bolts are not needed)	<u>Other finishes</u>
			DM28AS 2 at 180°	TP Tamper resistant handhole cover fasteners	GALV Galvanized finish
			DM29AS 2 at 90°	NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)	<u>Architectural colors and special finishes¹³</u>
			DM39AS 3 at 90°	UL UL listed with label (Includes NEC compliant cover)	[PAINT] GALV Paint over galvanizing
			DM49AS 4 at 90°	BAA Buy America(n) Act Compliant¹¹	VP30 3 year warranty extension
			<u>RAD drill mounting³</u>	VM/original order# Match pole to prior order or project¹²	VP53 5 year warranty extension
			DM19RAD 1 at 90°		RAL#### Use designated Lithonia Lighting nomenclature in brochure
			DM28RAD 2 at 180°		Custom color Nomenclature assigned through Customer Care "Custom Color Process"
			DM29RAD 2 at 90°		
			DM39RAD 3 at 90°		
			DM49RAD 4 at 90°		
			<u>ESX Drill mounting³</u>		
			DM19ESX 1 at 90°		
			DM28ESX 2 at 180°		
			DM29ESX 2 at 90°		
			DM39ESX 3 at 90°		
			DM49ESX 4 at 90°		

- NOTES:
1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".
2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole.
Example: DM28/T20.
3. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
4. On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.
Example: Pole height is 25ft, A provision cannot be placed above 16ft.
5. Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C
6. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAXyy.
Example: HA20BD.
7. FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
8. Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
9. Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be ordered as replacements.
10. Provides enhanced corrosion resistance. N/A with GALV.
11. Use when mill certifications are required.
12. Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders.
Example: VM/010-36784
13. Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.

Accessories: Order as separate catalog number.	
PL DT20	Plugs for ESX drillings
PL DT8	Plugs for DMxxAS drillings
FVD xxFT	Field installed vibration damper (snake style)



POLE-SSS

SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust											
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft²) with 1.3 gust						Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	75
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	100
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	115
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	125
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	140
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50	--	--	265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100	--	--	440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75	--	--	605

NOTE: EPA values are based ASCE 7-93 wind map.
* For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

TECHNICAL INFORMATION — EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013																		
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)	
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75	
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90	
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100	
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115	
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125	
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185	
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170	
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140	
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25	-	-	205	
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185	
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265	
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170	
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245	
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225	
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360	
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25	-	-	445	
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291	
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265	
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380	
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520	
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440	
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540	
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605	

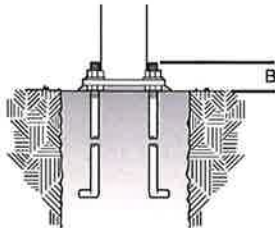
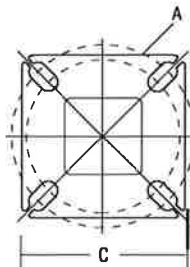
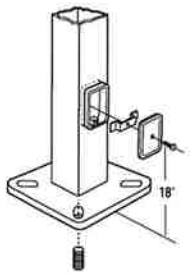
NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).
*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.



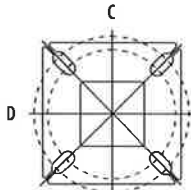
POLE-SSS

SSS Square Straight Steel Poles

BASE DETAIL



HANDHOLE ORIENTATION



A
Handhole

B
Default DM19
Is on side B.

IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

ANCHORAGE AND TEMPLATE INFORMATION								
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Bolt size (in. x in. x in.)	Anchor bolt and template description
4"C	8" – 9"	3.25"- 3.75"	8"- 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	3/4 x 18 x 3	ABSSS-4C
4"G	8" – 9"	3.38"- 3.75"	8"- 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	3/4 x 30 x 3	ABSSS-4G
5"	10" – 12"	3.5"- 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	1 x 36 x 4	ABSSS-5
6"	11" – 13"	4"- 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	1 x 36 x 4	N/A

CAUTION: These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

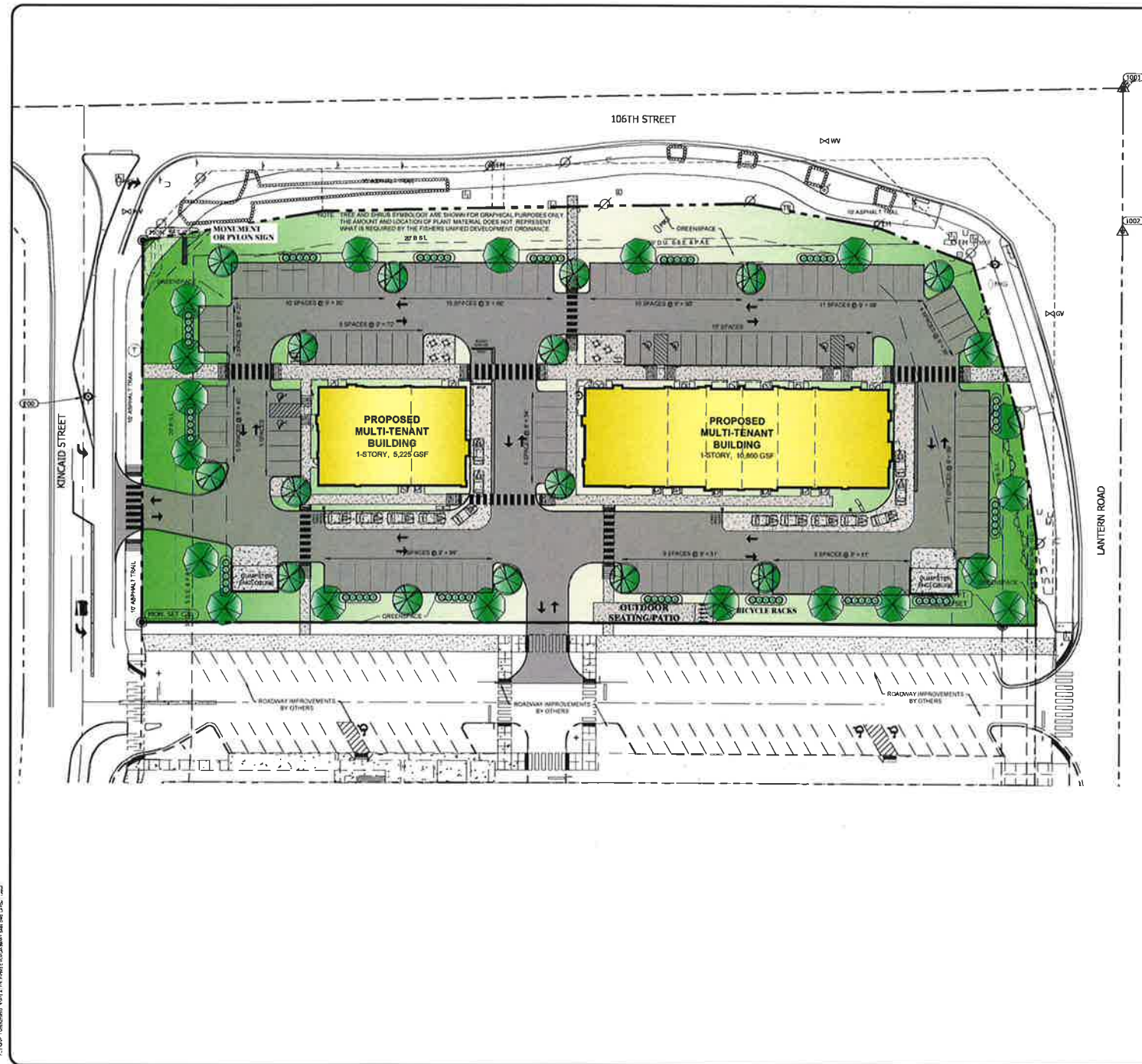


POLE-SSS

OUTDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Rev. 09/18/23



SITE DEVELOPMENT SUMMARY TABLE		
ZONING CLASSIFICATION, CITY OF FISHERS		
DELaware PARK PUD "AREA-A", I-49 OVERLAY		
PARCEL SIZE	2.84 AC. ±	
	REQUIRED	PROVIDED
MIN. STREET FRONTAGE	N/A	488'
MIN. LOT WIDTH	N/A	246'
MIN. LOT AREA	N/A	2.84 AC. ±
MAX. BUILDING HEIGHT	35'	N/A
MIN. BUILDING SIZE	N/A	N/A
MAX. LOT COVERAGE	30%	67%
BUILDING SETBACKS		
FRONT	20' KINCAID DR. 106TH ST. LANTERN RD. 0' FRONT ST.	107' KINCAID DR. 106' 106TH ST. 68' LANTERN RD. 39' FRONT ST.
SIDE	N/A	N/A
REAR	N/A	N/A
PER METER PARKING GREENSPACE WIDTH		
FRONT	5' KINCAID DR. 106TH ST. LANTERN RD. 0' FRONT ST.	33' KINCAID DR. 10' 106TH ST. 7' LANTERN RD. 13' FRONT ST.
SIDE	N/A	N/A
REAR	N/A	N/A
LANDSCAPE SETBACKS		
FRONT	10' STREET TREE GREEN STRIP KINCAID DR. 106TH ST. LANTERN RD. 0' FRONT ST.	33' KINCAID DR. 10' 106TH ST. 7' LANTERN RD. 13' FRONT ST.
SIDE	0'	N/A
REAR	0'	N/A
GREENSPACE	N/A	+ 43,000 SFT
PARKING REQUIRED	COFFEE SHOP - 1 PER 2 SEATS RETAIL - 1 PER 300 SF OFA + PER 400 SF OFA BEYOND 2000SF	113 STANDARD + 6 ADA SPACES 119 TOTAL SPACES
BICYCLE PARKING REQUIRED	1 PER 30 VEHICLE SPACES	4

FRITZ
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14020 MISSISSIPPI DRIVE
CARMEL, INDIANA 46033
P. 317.324.8685 F. 317.324.8717
www.Fritz-Eng.com

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NOT FOR
CONSTRUCTION

REVISION AND DATE	DATE	BY

GENERAL NOTES / LEGEND

IT'S THE
LAW
811

Know what's below.
Call before you dig.
7 HOURS OF SERVICE 10, 80

PROJECT
**STATE
AT FISHERS**

PROJECT LOCATION:
106TH AND LANTERN RD.
FISHERS, INDIANA 46037
HAMILTON COUNTY

SECTION, TOWNSHIP, RANGE:
SW 1/4, S17, T17N, R4E

CLIENT
JDF DEVELOPMENT

11710 REBBLEPOINTE PASS
CARMEL, INDIANA 46033

PLAN DATE
1/10/2023

DESIGN	CHK	APP	DATE
RD	ED	JD	01/10/2023

PROJECT NO.
2305002

SHEET NAME
**CONCEPTUAL SITE
PLAN**

SHEET NO.
EXH-1

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STATE AT FISHERS RETAIL RENDER

02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



STATE AT FISHERS DEVELOPMENT

02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



STATE AT FISHERS BUILDING A

02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



STATE AT FISHERS BUILDING A

02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



STATE AT FISHERS BUILDING A

02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



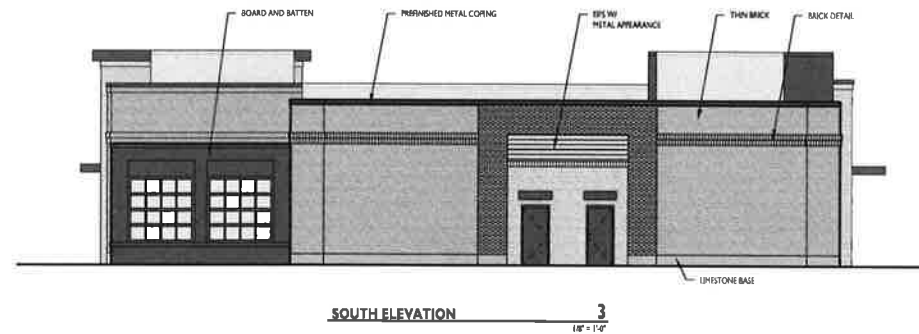
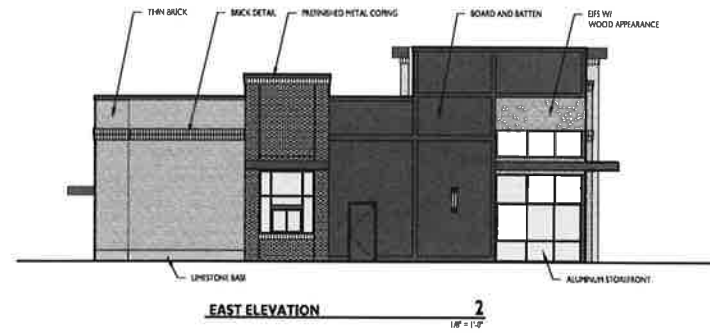
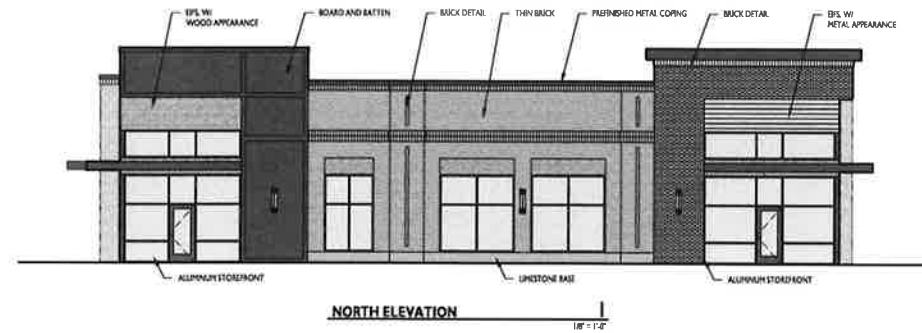
STATE AT FISHERS BUILDING A

02.20.24

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PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



CURRAN
ARCHITECTURE
5719 LAWTON LOOP E. DR. #212
INDIANAPOLIS, IN 46216
O :: 317.288.0681
F :: 317.288.0753

CERTIFICATION

PRELIMINARY
NOT FOR CONSTRUCTION

12.01.2023

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PROJECT INFORMATION

STATE AT FISHERS

FISHERS, INDIANA

ISSUE DATES

PRELIMINARY 12.01.2023

230172

BUILDING 8
COLORED ELEVATIONS

A202



STATE AT FISHERS BUILDING B

02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



STATE AT FISHERS BUILDING B

02.20.24

PROJECT # 230172

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STATE AT FISHERS BUILDING B

02.20.24

PROJECT # 230172

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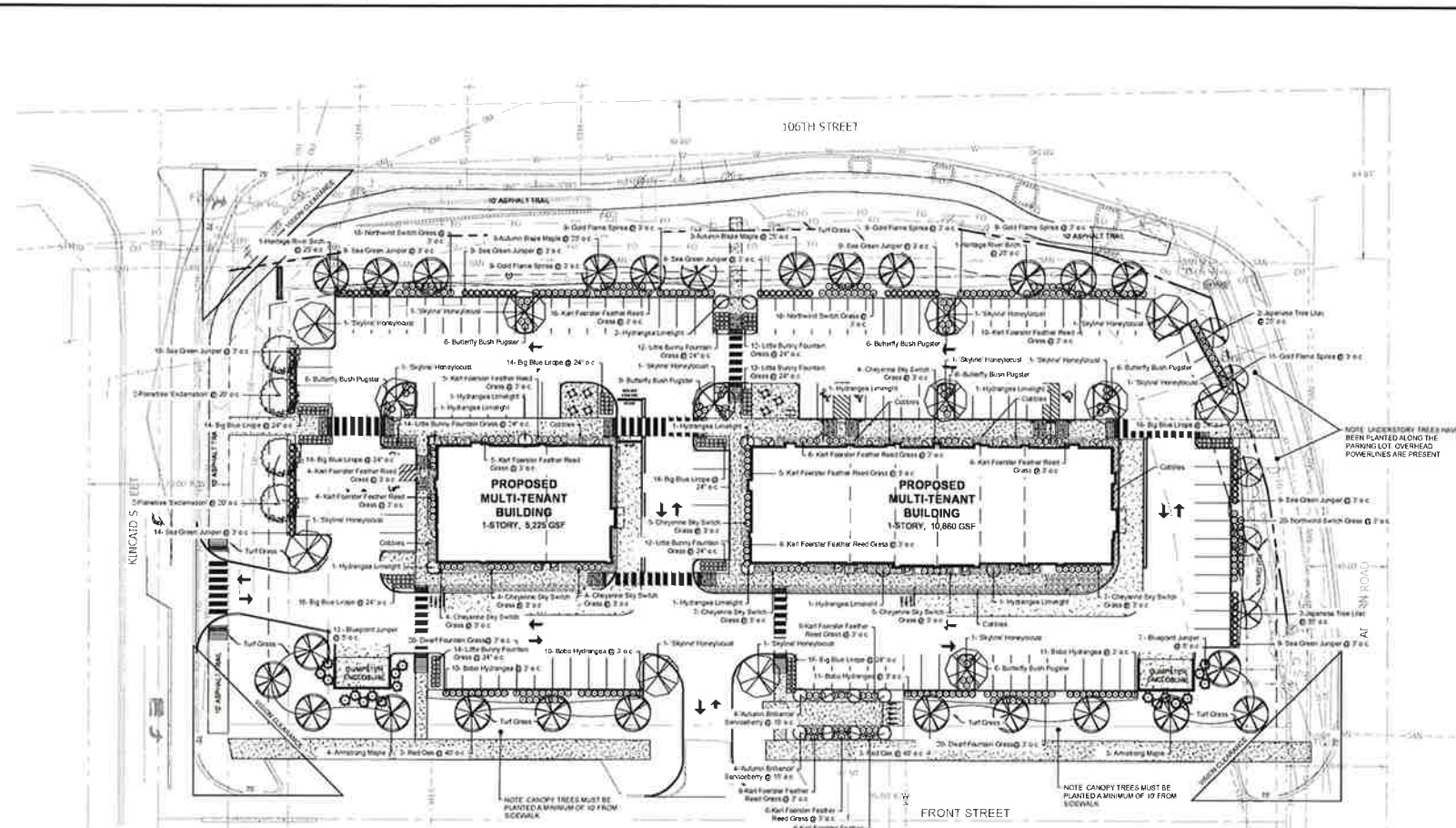


STATE AT FISHERS BUILDING B

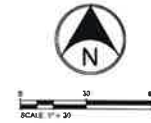
02.20.24

PROJECT # 230172

JDF DEVELOPMENT :: FISHERS, INDIANA



Quantity	Botanical Name	Common Name	Condition	Size	Comments
Deciduous Trees					
13	Gleditsia triacanthos 'nema'	Wyrine Honeylocust	BBB	2.5' Cal.	For spacing tree plant
16	Betula nigra 'Heritage'	Heritage River Birch	BBB	2' Cal. Multi	For spacing tree plant
8	Ampelocera Australis Influme	American Balance Scaleberry	BBB, Multi	1.5'	For spacing tree plant
4	Syringa reticulata	Japanese Tree Lilac	BBB	2.5' Cal.	For spacing tree plant
4	Platanus occidentalis	Flamboyant Sycamore	BBB	2.5' Cal.	For spacing tree plant
6	Quercus rubra	Red Oak	BBB	2.5'	For spacing tree plant
7	Acer rubrum 'Armstrong'	Armstrong Maple	BBB	2.5' Cal.	For spacing tree plant
8	Acer freemanii	Aufrems Maple	BBB	2.5' Cal.	For spacing tree plant
Evergreen Trees					
20	Juniperus chinensis 'Blue point'	Blue Point Juniper	Good	7'	For spacing tree plant
Shrubs					
39	Rubus odoratus 'pugster'	Golden Bush Pugster	Good	24"	For spacing tree plant
39	Spiraea bumalda 'Goldflame'	Gold Flame Spirea	Good	24"	For spacing tree plant
74	Juniperus chinensis	Sea Green Juniper	Good	24"	For spacing tree plant
11	Hydrangea paniculata	Laneshill Hydrangea	Good	Tree Form	For spacing tree plant
42	Hydrangea paniculata	Bob Hydrangea	Good	24"	For spacing tree plant
Ornamental Grass					
30	Parianicum virginicum 'Cheyenne Sky'	Cheyenne Sky Switch Grass	Good	#1	For spacing tree plant
52	Parianicum virginicum 'Northwind'	Northwind Switchgrass	Good	#2	For spacing tree plant
40	Pennisetum alopecuroides 'Horse'	Dwarf Fountain Grass	Good	#1	For spacing tree plant
65	Pennisetum alopecuroides 'Little Blue'	Little Beauty Fountain Grass	Good	#1	For spacing tree plant
30	Chlorophytum comosum 'Variegated'	Variegated Spider Plant	Good	#1	For spacing tree plant
10	Eleocharis acicularis 'Blue Star'	Blue Star Blue	Good	#1	For spacing tree plant



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ENGINEERING SERVICES

14000 MISSISSAUGA DRIVE
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PROJECT
STATE
AT FISHERS

SECTION, TOWNSHIP, RANGE
SW $\frac{1}{4}$, S17, T17N, R4E

JDF DEVELOPMENT
11710 PEBBLEPOINTE PASS
CARMEL, INDIANA 46033

PLAY DATE

1/26/2024

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PROJECT NO. 2305002

SUBJECT AREA

LANDSCAPE PLAN

DISCUSSION

L101



Planned Unit Development (PUD) Committee Staff Report

Meeting Date: March 6, 2024

DEPARTMENT CONTACT:
Christy Cashin, Senior Planner
(cashinc@fishers.in.us)

CASE NUMBER:
PUD-23-16

PETITIONER:
Melissa Garrison, Curran Architecture
(mgarrison@curran-architecture.com)

PROPERTY ADDRESS/LOCATION:
Generally located on the southwest corner of E. 106th Street and Lantern Road

REQUEST: Request to approve site plan and architecture for two new multi-tenant buildings (State at Fishers-Retail) within the Delaware Park PUD, generally located south of E. 106th Street between Kincaid Dr. and Lantern Rd.

APPLICABLE REGULATIONS:
Delaware Park PUD Ordinance No. 10112D and I69 Overlay of the City's UDO

EXISTING ZONING:
Delaware Park PUD

FISHERS 2040:
Neighborhood Service Center

LOCATION MAP



STAFF RECOMMENDATION

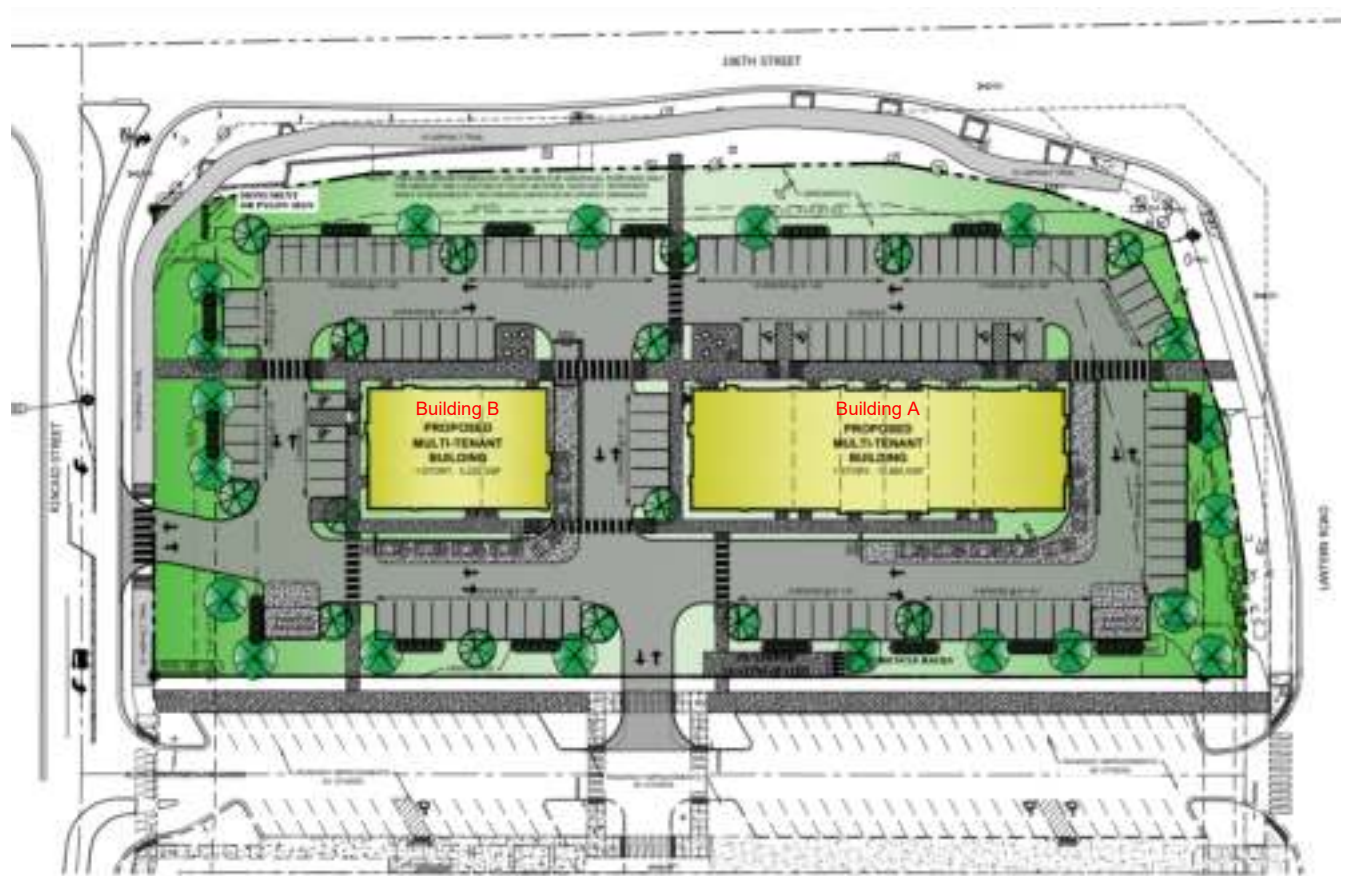
☒ Approve ☐ Approve with Conditions ☐ Continue ☐ Deny

ZONING HISTORY:

The Delaware Park PUD Ordinance was adopted on November 16, 2021. Prior to that, this property was a part of the Kincaid PUD that was adopted on February 7, 1996. The Kincaid PUD received a text amendment update in 2021 and is now titled Delaware Park PUD.

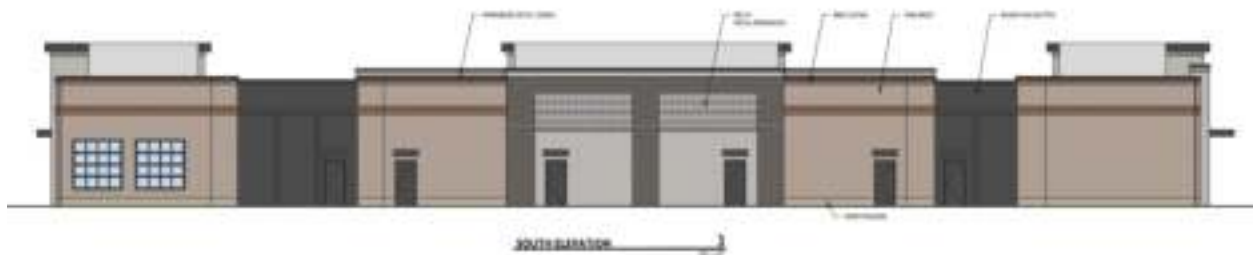
PETITION OVERVIEW:

Petitioner is requesting to build two single-story multi-tenant buildings. Building A (to the east) is 10860 GSF and Building B (to the west) is 5225 GSF; both buildings have a drive-thru lane that has a stacking lane to the south of the buildings. This project will also host ample parking, designated patio area in front (south) of each building and near Front Street, pedestrian walkways creating connections in all directions, and bicycle racks.



Site Plan

Proposed Elevations (Building A)



Renderings (Building A)



North elevation



North elevation

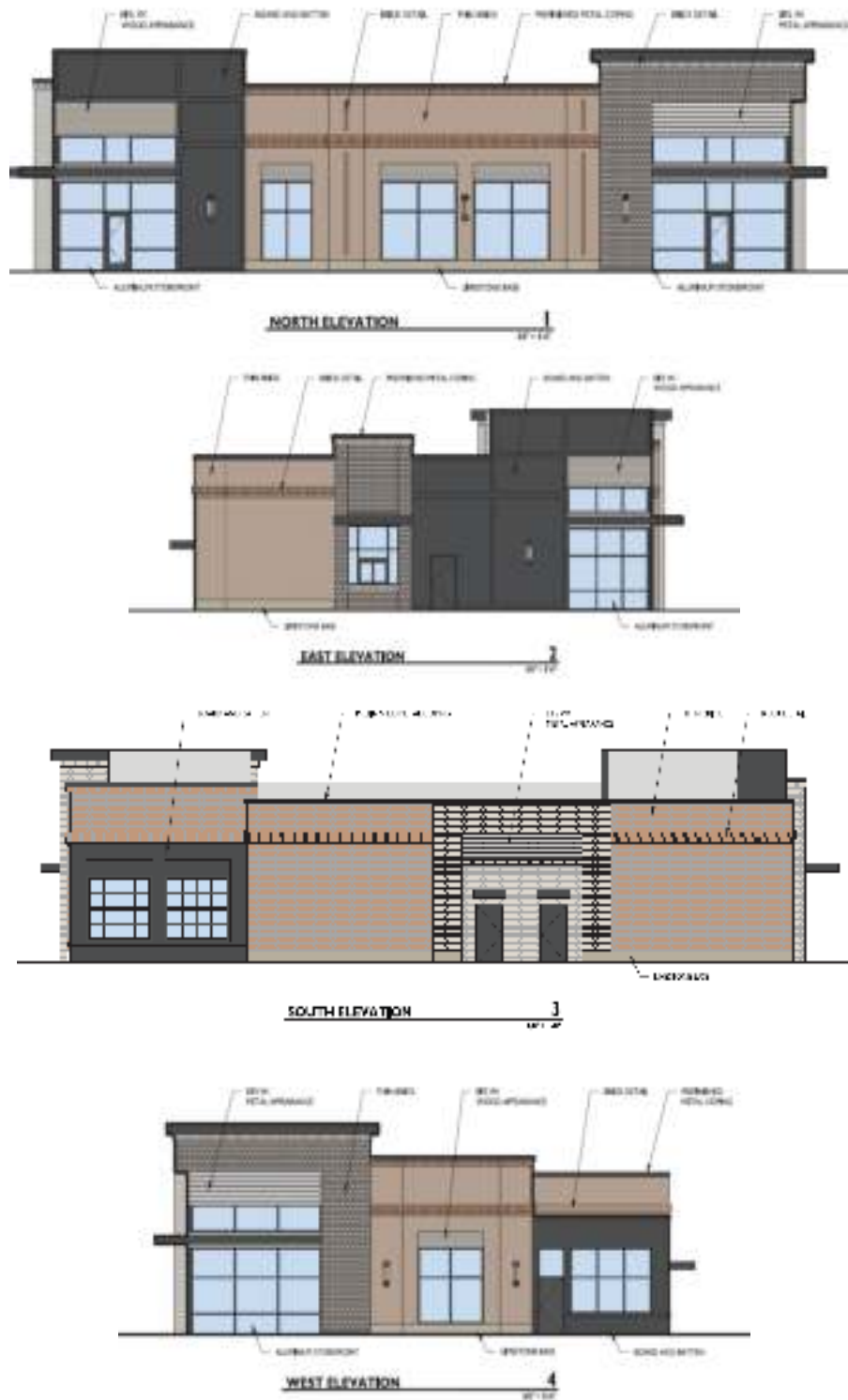


South and east elevation



South and west elevation

Proposed Elevations (Building B)



Renderings (Building B)



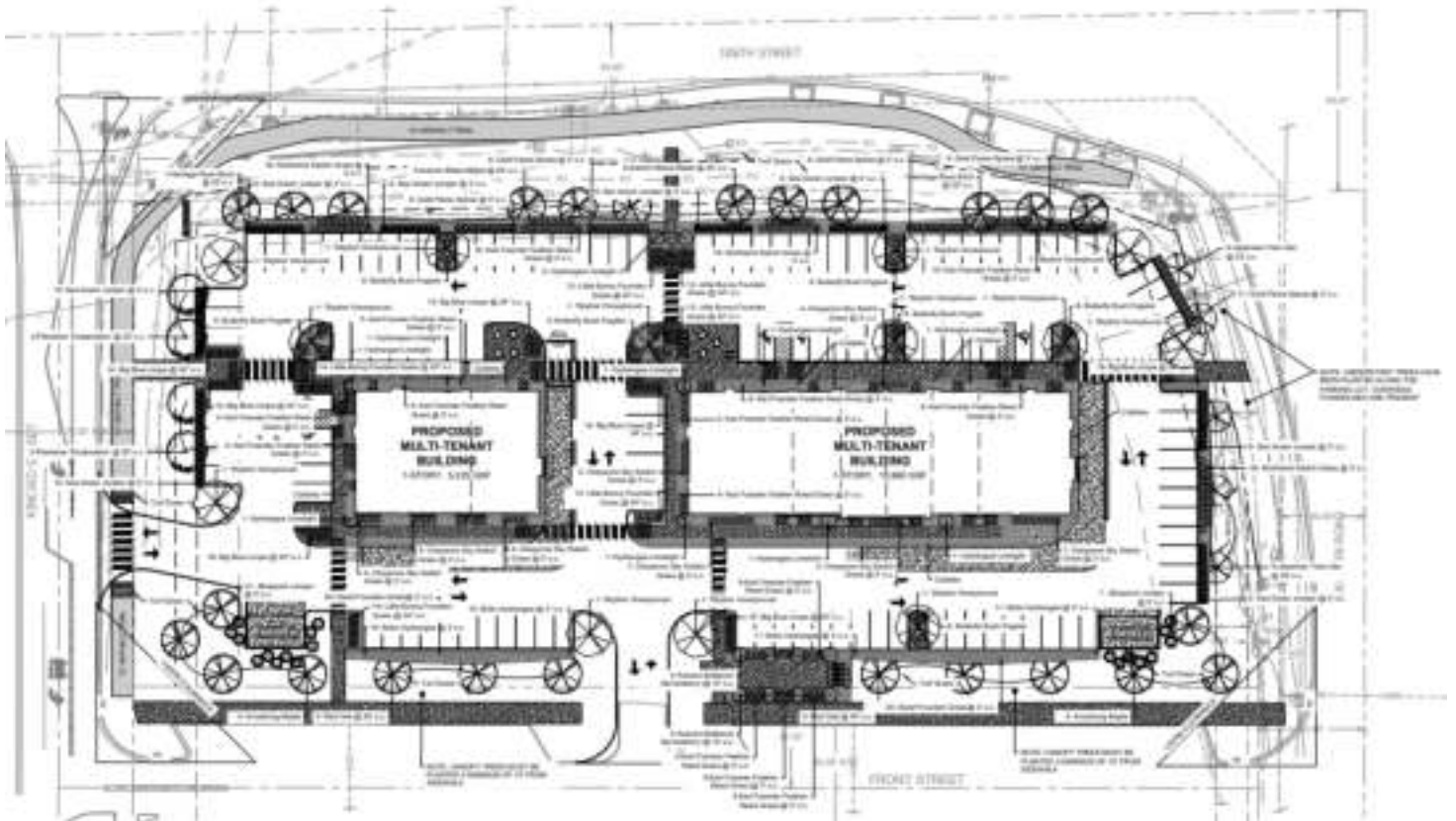
North elevation



North and east elevation



South and west elevation



Landscape plan

Details

Materials used on this project are as follows. The location of these materials is called out on the elevations. The colors of these materials are substantially similar to those used in the State at Fishers Apartments project located directly south of this project.

EIFS w/ wood appearance
Prefinished metal coping
Brick detail
Thin Brick
Board and batten
Aluminum storefront
Limestone base

Architectural Standards

Per the Delaware Park PUD Ordinance No. 10112D, Architectural Design Standards shall be reviewed and approved by the PUD Committee, pursuant to Article 10.A of this Ordinance, prior to the issuance of a building permit for each building, respectively. Additionally,

- a) The following materials shall be permitted: composite wood materials, steel, aluminum, metal, precast concrete, stone, and porcelain/ceramic tile, masonry, glass, EIFS.
- b) All mechanicals shall be located and screened to minimize visibility from the Real Estate's property line and adjacent Rights-of-Way at the grade of the site.

SURROUNDING CHARACTER:

The proposed buildings will be adjacent to the State at Fishers apartment buildings and the Stoke Restaurant. These buildings are located in *Area A* of the Delaware Park PUD, just south of Front Street. Below are renderings and elevations of the State at Fishers Apartments and the Stoke Restaurant.









STAFF RECOMMENDATION:

Staff recommends the PUD Committee approve the elevations as proposed.

STAFF RECOMMENDATION

☒ Approve ☐ Approve with Conditions ☐ Continue ☐ Deny
