

Final Development Plan Application

Application to the Planning & Zoning Commission



City of Groveport
Building & Zoning Department
655 Blacklick St
Groveport, OH 43125
614-830-2045

Date: 4-4-19

Case # 2019-01

Fee: **\$350.00 plus \$25 per acre**

Address of property 4500 S. Hamilton Road located on the East side of
S. Hamilton Road street / road / avenue.

Parcel # 185-001294 & 18-001293. The property contains a total of 44 acres.

The property is currently being used for Vacant.

The property is currently zoned PIP.

I am requesting Final Development plan approval so that I may use the property for: _____

Industrial Park

Applicant Name: The Pizzuti Companies Phone: 614-280-4008

Address: 629 North High Street, Suite 500, Columbus, OH 43215

Property Owner Name: Columbus & Southern Ohio Electric Co Phone: _____

Address: 1 Riverside Plaza, Columbus, OH 43215

SUBMITTAL REQUIREMENTS: Applicant shall submit this application including the property owners list (see attached form), the filing fee, and twenty (20) copies of the following items to make a complete packet.

- ☐ Legal description and survey drawing of the subject property.
- ☐ Development plan, subdivision plat or any other plans that may be applicable.
- ☐ A statement of how the proposed amendment will affect the subdivision plat, surrounding area and the reasons for such amendment.
- ☐ Any additional information that may be helpful to the Planning & Zoning Commission.

Phil Rasey
Applicant's Signature

614-280-4000
Contact phone number

Phil Rasey
Applicant's Printed Name

PRasey@pizzuti.com
Email address

PROPERTY OWNERS LIST

List of all property owners within, contiguous to, and directly across the street from such proposed development. List must be in accordance with the Franklin County Auditor's current tax list and must include all the below information.

The Auditor's website is: www.franklincountyauditor.com Go to *Property Search*, put your address in, then go to *Mapping*, and then *Buffer Search*. If you need assistance, call the City of Groveport Building Department at 614-830-2045.

Parcel Number: 185-002906

Owner's Name: SEARS ROEBUCK & CO
Address: 333 BEVERLY RD
City & State: HOFFMAN ESTATES, IL Zip Code 60179

Site Address: 4400 S HAMILTON RD

Mail Address: Name: SEARS ROEBUCK & CO
Address: 333 BEVERLY RD
City & State: HOFFMAN ESTATES, IL Zip Code 60179

Parcel Number: 185-001294

Owner's Name: COLUMBUS & SOUTHERN OHIO ELECTRIC CO
Address: 1 RIVERSIDE PLAZA
City & State: COLUMBUS, OH Zip Code 43215

Site Address: 4500 S HAMILTON ROAD

Mail Address: Name: COLUMBUS & SOUTHERN OHIO ELECTRIC CO
Address: 1 RIVERSIDE PLAZA
City & State: COLUMBUS, OH Zip Code 43215

Parcel Number: 185-000881

Owner's Name: City OF GROVEPORT
Address: _____
City & State: _____ Zip Code _____

Site Address: 0 HAMILTON ROAD

Mail Address: Name: 655 Blacklick St
Address: _____
City & State: Groveport, OH Zip Code 43125

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Parcel Number: 185-002942

Owner's Name: BROADSTONE OP OHIO

Address: 530 CLINTON SQ

City & State: ROCHESTER, NY Zip Code 14604

Site Address: 4500 S HAMILTON ROAD

Mail Address: Name: BROADSTONE OP OHIO

Address: 530 CLINTON SQ

City & State: ROCHESTER, NY Zip Code 14604

Parcel Number: 185-001293

Owner's Name: COLUMBUS & SOUTHERN OHIO ELECTRIC CO

Address: PO Box 16428

City & State: Columbus, OH Zip Code 43216

Site Address: 0 HAMILTON RD

Mail Address: Name: Same

Address: _____

City & State: _____ Zip Code _____

Parcel Number: 185-002943

Owner's Name: BROADSTONE OP OHIO

Address: 530 CLINTON SQ

City & State: ROCHESTER, NY Zip Code 14604

Site Address: 0 S HAMILTON RD

Mail Address: Name: BROADSTONE OP OHIO

Address: 530 CLINTON SQ

City & State: ROCHESTER, NY Zip Code 14604

PROPERTY OWNERS LIST

List of all adjoining property owners, contiguous to, and directly across the street from such proposed development. List must be in accordance with the Franklin County Auditor's current tax list and must include all the below information.

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Parcel Number: 185-000901

Owner's Name: State of Ohio Div of Adm Svs
Address: 30 E Broad St
City & State: Columbus, OH Zip Code 43215

Site Address: 4465 Hamilton Rd S

Mail Address: Name: Same
Address: _____
City & State: _____ Zip Code _____

Parcel Number: 185-001360

Owner's Name: Lynx Properties Corp
Address: 4400 Hamilton Rd S
City & State: Groveport, OH Zip Code 43125

Site Address: 4400 Hamilton Rd S

Mail Address: Name: Sears Roebuck & Co
Address: 3333 Beverly Rd #33
City & State: Hoffman Estates, IL Zip Code 60179

Parcel Number: 185-000892

Owner's Name: Madison Local School District
Address: 4400 Marketing PL, Ste B
City & State: Groveport, OH Zip Code 43125

Site Address: 4475 Hamilton Rd S

Mail Address: Name: Same
Address: _____
City & State: _____ Zip Code _____

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Parcel Number: 185-001437

Owner's Name: Slaber Properties
Address: 4800 Homer Ohio Ln
City & State: Groveport, OH Zip Code 43125

Site Address: 4800 Homer Ohio Ln

Mail Address: Name: Same
Address: _____
City & State: _____ Zip Code _____

Parcel Number: 185-001700

Owner's Name: Denis Fajardo
Address: 754 Streamwater Dr
City & State: Blacklick, OH Zip Code 43004

Site Address: 4575 Madison Ln

Mail Address: Name: Same
Address: _____
City & State: _____ Zip Code _____

Parcel Number: 185-002420

Owner's Name: Craft Hamilton
Address: 1290 Avenue of the Americas Ste 914
City & State: New York, NY Zip Code 10104

Site Address: 0 Madison Ln

Mail Address: Name: Same
Address: _____
City & State: _____ Zip Code _____

The Pizzuti Companies
Attn: Phil Rasey
629 North High St; Ste 500
Columbus, OH 43215

Columbus & Southern Ohio Electric Co
1 Riverside Plaza
Columbus, OH 43215

State of Ohio Dir of Adm Svs
30 E Broad St
Columbus, OH 43215

Sears Roebuck & Co
3333 Beverly Rd #33
Hoffman Estates, IL 60179

Sears Roebuck & Co
333 Beverly Rd
Hoffman Estates, IL 60179

Groveport Madison Local School District
4400 Marketing Pl; Ste B
Groveport, OH 43125

Broadstone OP Ohio
530 Clinton Sq
Rochester, NY 14604

Columbus Southern Power
PO Box 16428
Columbus, OH 43216

Staber Properties
4800 Homer Ohio Ln
Groveport, OH 43125

Denis Fajardo
754 Streamwater Dr
Blacklick, OH 43004

Craft Hamilton
1290 Avenue of the Americas; Ste 914
New York, NY 10104



April 11, 2019

City of Groveport
Building and Zoning Department
Attention: Teresa Veit, Building Clerk
655 Blacklick Street
Groveport, Ohio 43125

RE: Final Development Plan Application: 4500 S. Hamilton Road and 0 S. Hamilton Road, Groveport, Ohio

Dear Ms. Veit,

This letter shall serve as notice to the City of Groveport that we are the Owners of the property known as Franklin County Auditor's Parcel numbers 185-001294-00 and 185-001293-00. We permit The Pizzuti Companies to submit final development plans. Please feel free to reach out to me with any questions.

OHIO POWER COMPANY, an Ohio corporation,
fka Columbus & Southern Ohio Electric Co

By: P. Todd Ireland
P. Todd Ireland
Manager, Real Estate Asset Management
American Electric Power Service Corporation
Authorized Signer

cc: Phil Rasey

PIZZUTI HAMILTON ROAD DEVELOPMENT

Groveport, OH

April 17, 2019
DESIGN STANDARDS

Approved Uses

The following uses shall be deemed as approved uses:

- Warehouse and storage facilities.
- Distribution facilities.
- Manufacturing and fabrication.
- Office use as an ancillary use to the above.
- Free standing office uses.
- All other uses as permitted under section 1153.03 of Groveport Zoning Code, Land Use Matrix.

Setbacks

Building setbacks shall be as follows:

- Front / Hamilton Rd Yard: 75' from the ROW.
- Higgens Blvd: 40' from the ROW.
- Side & Rear Yards: 40' Project Perimeter: 40'

Automobile parking setbacks shall be as follows:

- Front / Hamilton Rd Yard: 75' from the ROW.
- Higgens Blvd: 15', may be reduced to 0' if utilizing a shared access drive.
- Side & Rear Yards: 15', may be reduced to 0' if utilizing a shared access drive.
- Project Perimeter: 25'

Trailer parking and truck court setbacks shall be as follows:

- Front / Hamilton Rd Yard: 75' from the ROW.
- Higgens Blvd: 15', may be reduced to 0' if utilizing a shared access drive.
- Side & Rear Yards: 15', may be reduced to 0' if utilizing a shared access drive.
- Project Perimeter: 25'

Landscape Buffers

Landscape Buffers shall be as follows:

- Front / Hamilton Rd Yard: 15' from the ROW.
- Higgens Blvd: 15'
- Side & Rear Yards: 15'
- Project Perimeter: 25'

Employee and Visitor Parking Areas

Parking areas shall be sufficient to accommodate all parking needs for employees, overlapping shifts, company vehicles, and visitors without the use of on-street parking. At a minimum the following parking requirements shall be met:

- Auto parking space size is 9'x18'
- Loading space size is 12'x50' minimum.

Minimum Parking Ratios

- Manufacturing, distribution, and warehousing (including any ancillary office use): 0.3 spaces / 1000sf.
- Retail: 5 spaces / 1000sf.
- Free standing office: 4 spaces / 1000sf.

Storage Tanks

Storage tanks for water and fuel as required for the use and maintenance of a property shall be permitted provided such tanks comply with the following criteria:

- Shall not be located between the building and the street.
- Shall not be taller than the building that it serves.

Exterior Fencing

- All exterior chain link fencing is to be black PVC coated or painted black. No fencing shall exceed 10 feet in height without specific approval from the building department.
- All exterior chain link fencing will be located no closer than the pavement setback along the right of way.

Architectural Building Materials

- Precast and tilt-up concrete wall panels are permitted as the primary building material. Masonry, stucco, prefabricated architectural wall panels or glass materials are also permitted building materials.
- All curtain wall and spandrel wall systems must be either clear or black anodized, or Kynar color finished. Only one color of framing should be used for each building. Glass panels may use gray, clear, blue or green shades of glass. Large expanses of reflective glass shall not be permitted.

Dumpsters and Compactors

- All outdoor dumpsters or refuse containers not attached to or contiguous to the building shall be visually screened, by masonry or durable material so as not to be visible from adjacent properties or streets. No refuse collection areas shall be permitted between a public street and the front of a building. Refuse collection areas shall be effectively designed to contain all refuse generated on-site and deposited between collections.
- Any required screening shall be provided to a height one foot higher than the equipment contained therein.

Lighting

- All exterior lighting shall be contained within the building lot and shall not spill out to adjacent properties.
- All parking lot or truck court pole lighting shall be shoe box, cut-off fixture type.
- All exterior lighting shall be metal halide or other "white" light source.
- Maximum pole fixture height is 40 feet above finish grade.

Landscaping

- As many trees as possible should be preserved around the perimeter of the property.
- All landscaping shall meet the minimum requirements of Groveport Planned Industrial Park zoning.

Landscaping along Hamilton Road/Higgins Boulevard

- Parking areas fronting along Hamilton Rd. and Higgins Blvd. shall be screened in its entirety, exclusive of entry drives or lanes, or required flood routing through mounding. Screening should consist of a 3' high mound or evergreen hedge, or a combination of both. Maximum slope on mounds shall be 3:1. A minimum of 3 ornamental and/or evergreen trees are required per 100lf of frontage or fraction thereof.
- To be consistent with the frontage landscaping of the adjacent parcel, building frontage landscaping shall be per section 1176.05 table titled "*Quantity of Plant Material*", Buffer Yard Type A.

Parking Area Landscaping

- A minimum of 5% interior green space in parking areas is required. For purposes of calculations, loading docks, service drives not associated with parking areas, and fire parking drives are not included in this calculation.
- Minimum square footage of landscape areas shall be 150 square feet.
- Minimum average width of green space area is 9'.
- Each area that is designated as an area green space must contain one of the following: deciduous shade tree, ornamental tree, or evergreen tree.

Project Perimeter Screening

- The perimeter of the project site will not be screened per the Groveport PIP perimeter screening requirements. The west property line screening is defined by the "Hamilton Road" screening section. The east property line abuts property owned by the City of Groveport and Blacklick Creek. As such, this property is not able to be developed in the future.

Loading Dock Screening

- Loading dock screening shall meet Chapter 1176 of City of Groveport Zoning Code.

Building Identification Signs – Ground Mounted

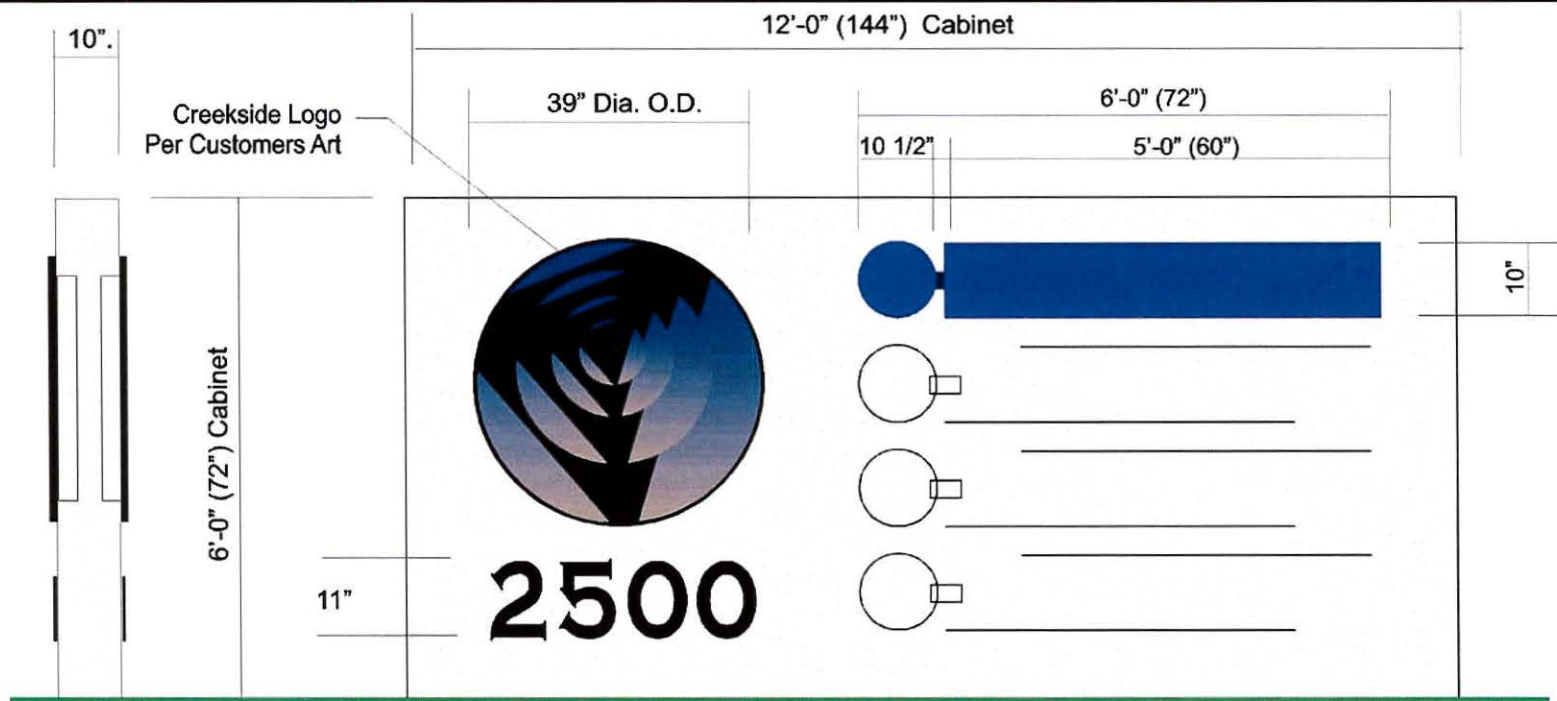
- One ground mounted monument sign that identifies a single building and the multiple tenants and addresses within that building shall be permitted along Hamilton Rd.
- Each ground mounted sign will be consistent with the attached sign exhibit.
- Each sign shall be painted to match the field color of the building it serves. Any accent colors on the sign shall also be consistent with any accent colors on the building it serves.
- Ground mounted signage shall meet Chapter 1178 of City of Groveport Zoning Code.
- Two additional ground mounted signs for the Southern site shall be permitted to be located at the Higgins Blvd. entrance on the northern site and along the Hamilton Rd. frontage.
- One additional ground mounted sign shall be permitted at the Higgins Blvd. entrance for the northern site.

Tenant Wall Mounted Signs

- One wall mounted tenant identification sign will be permitted per building tenant.
- The maximum sign area shall be 150 square feet for each principal sign.
- The top edge of any wall sign shall be a minimum of 2 feet below the top edge of the wall to which it is attached.
- All wall mounted signs shall be internally illuminated.

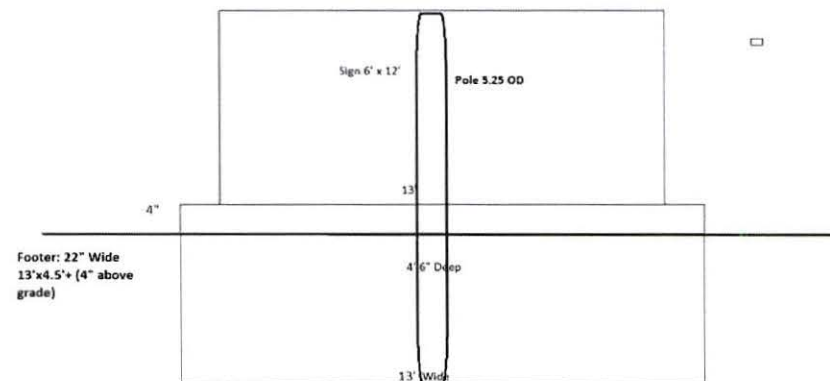
On Site Way-finding and Directional Signage

- Each building shall be permitted the right to provide on-site vehicular and directional signage to assist with identifying such items as truck traffic control, speed limits, and employee and visitor parking areas.
- All on-site signage shall be of a consistent design and format.
- All on-site signage shall be a pre-finished aluminum material.
- On site way-finding and directional signage shall meet Chapter 1178 of City of Groveport Zoning Code.



DOUBLE FACE SIGN

- * Qty=()
- * Fabricated Aluminum Sign Cabinet
Opaque Aluminum Face Painted Lt Grey PMS 420
- * Creekside Logo: Std. 39" Dia. Per Customers Artwork
Reference Colors on Dwg #970795-3
- * Address Numbers: Font Style: Copper Plate
Individual Cut 1/2" Thick PVC Painted Semi Gloss Black
- * Concrete Foundation Per Columbus Code
- * Tenant Logo:
 - Graphics per Clients Art
 - Graphic Color: White
 - Bkgrnd Color: Blue PMS 2945
- * Logo and Letters Pin Mount to Aluminum Face



6ft x 12ft
Lawn Monument

Sign-Lite

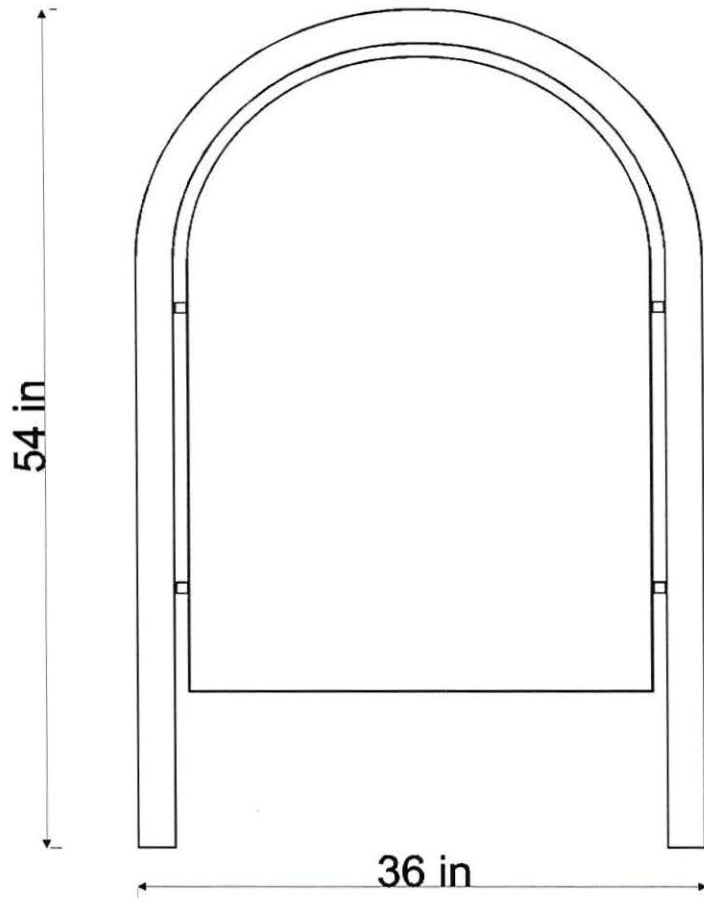
MANUFACTURER • INSTALL • MAINTENANCE

17553 Robinson Rd. (937)-243-8558
Marysville, OH

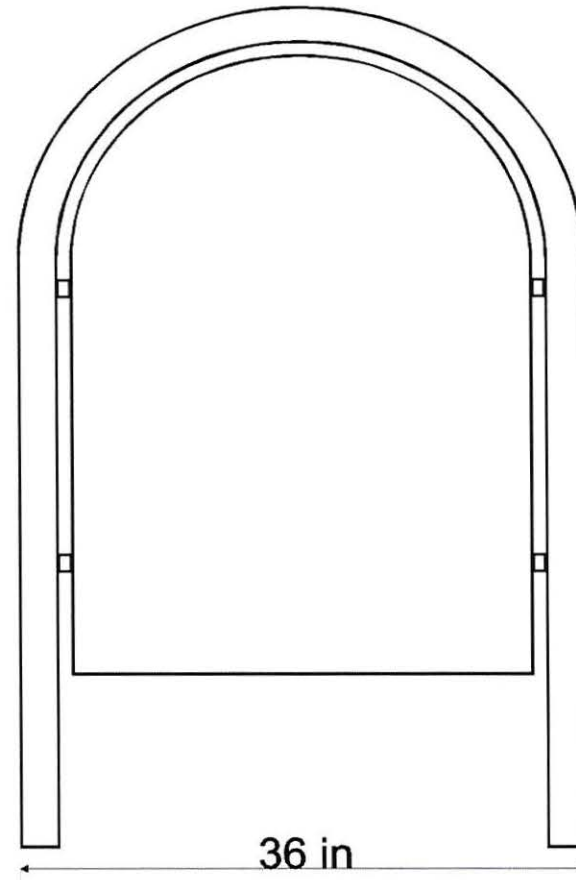
Site Address: Creekside 16 2373 Global Ct Lockbourne, OH

(SIGN 1)

**DIRECTIONAL SIGN
(SIGN 3)**



**DIRECTIONAL SIGN
(SIGN 4)**



Sign-Lite

MANUFACTURER • INSTALL • MAINTENANCE

(937)-243-8558

17553 Robinson Rd. Marysville, OH



RSX1 LED Area Luminaire



Catalog
Number

RSX1 LED P2 40K R3 MVOLT WBA DDB

Notes

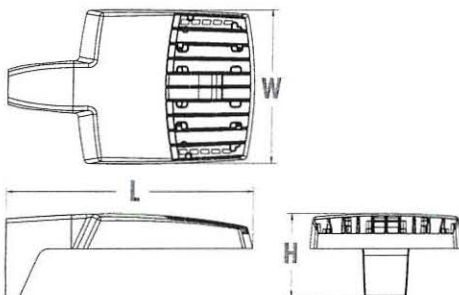
Type

WP3

*For details, see the RSX1 LED P2 40K R3 MVOLT WBA DDB datasheet.

Specifications

EPA (ft ² @0°):	0.57 ft ² (0.05 m ²)
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 (max):	25.0 lbs (11.3 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 and an adjustable integral slip-fitter are also available.

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	R3 Type 3 Wide	MVOLT (120V-277V) ¹	SPA Square pole mounting (Min. 3.0" SQ for 1 at 90°, Min. 3.5" SQ for 2, 3, 4 at 90°)
	P2	40K 4000K	R4 Type 4 Wide	HVOLT (347V-480V) ²	RPA Round pole mounting (3.2" min pole dia. for 1, 2, 3 or 4 at 90°)
	P3	50K 5000K	R5 Type 5 Wide	(use specific voltage for options as noted)	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R5S Type 5 Short	120 ³ 277 ³	IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁴
			AFR Automotive Front Row	208 ³ 347 ³	WBA Wall bracket
				240 ³ 480 ³	

Options	Finish
Shipped Installed HS House-side shield PE Photocontrol, button style ^{5,7} PEX Photocontrol external threaded, adjustable ^{6,7} PER7 Seven-wire twist-lock receptacle only (no controls) ^{7,8,9} CE34 Conduit entry 3/4" NPT (Qty 2) SF Single fuse (120, 277, 347) ¹ DF Double fuse (208, 240, 480) ³ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)	Shipped Installed *Standalone Sensors Controls (factory default settings, see table page 5) PIRS Motion/ambient sensor for 8-20' mounting heights ^{7,14,15} PIRHS Motion/ambient sensor for 20-40' mounting heights ^{7,14,15} *Networked Sensors/Controls NLTAIR2 nLight AIR generation 2 ^{10,15} PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{7,11,14,15} *Note: Sensor coverage pattern is affected when luminaire is tilted.
Shipped Separately (requires some field assembly) EGS External glare shield EGFV External glare full visor (360° around light aperture) BS Bird spikes ¹²	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLBXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White



Ordering Information

Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1EGS U	External glare shield (specify finish)
RSX1EGFV U	External glare full visor (specify finish)
RSXRPA U	RSX Universal round pole adaptor plate (specify finish)
RCPIRS	Remote control PIRS/PIRHS field programmer
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹³
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹³
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹³
DSHORT SBK U	Shorting cap ¹³

NOTES

- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 3 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 4 IS maximum tilt is 90° above horizontal.
- 5 Requires MOVLT or 347V.
- 6 Requires 120V, 208V, 240V, 277V or 347V.
- 7 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, PIRS, PIRHS, PIRHN).
- 8 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.

- 9 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- 10 Must be ordered with PIRHN.
- 11 Must be ordered with NLTAIR2. For additional information on PIRHN visit [www.acuitybrands.com](#).
- 12 Must be ordered with fixture for factory pre-drilling.
- 13 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- 14 Two or more of the following options cannot be combined including DMG, PER7, FAO, PIRS, PIRHS and PIRHN.
- 15 Requires MVOLT or HVOLT.

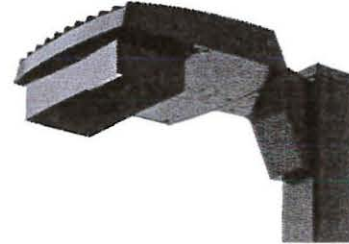
External Shields



House Side Shield



External Glare Shield

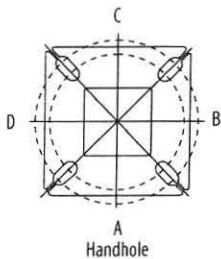


External 360 Full Visor

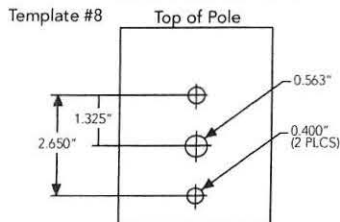
Pole/Mounting Information

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

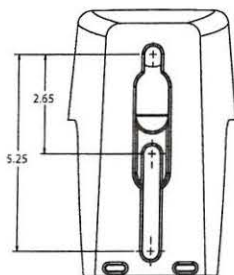
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM



Tenon Adapters

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Pole Drilling Nomenclature

Number of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

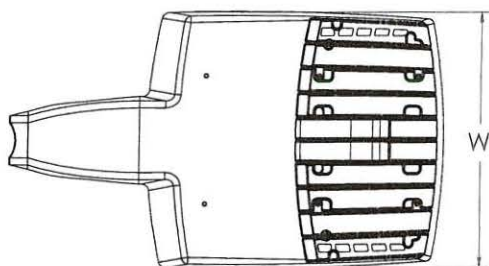
Note: Review luminaire spec sheet for specific nomenclature

RSX1 - Luminaire EPA

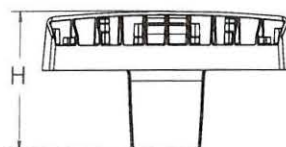
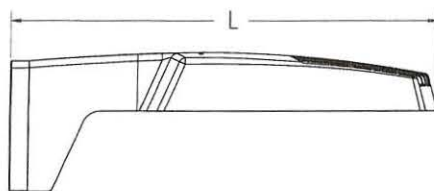
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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	1.13	1.7	2.26
RPA - Round Pole Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.13	1.7	2.26
MA - Mast Arm Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.13	1.7	2.26
IS - Integral Slipfitter	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	5.3	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

RSX1 with Round Pole Adapter (RPA)



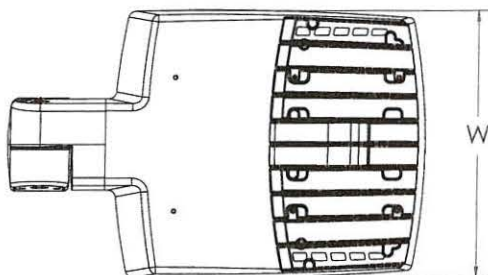
Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm



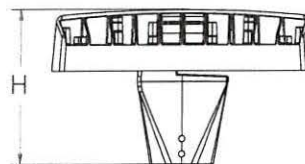
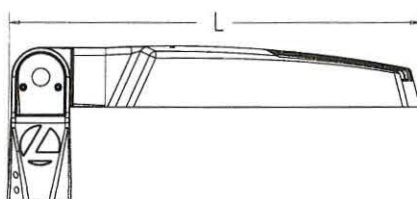
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



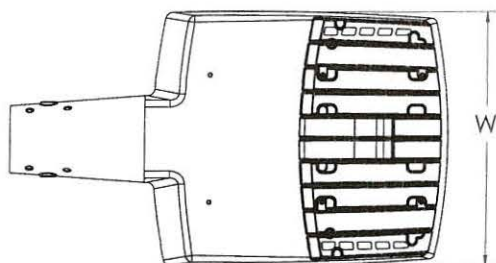
RSX1 with Adjustable Slipfitter (IS)



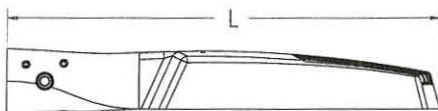
Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm



RSX1 with Mast Arm Adapter (MA)



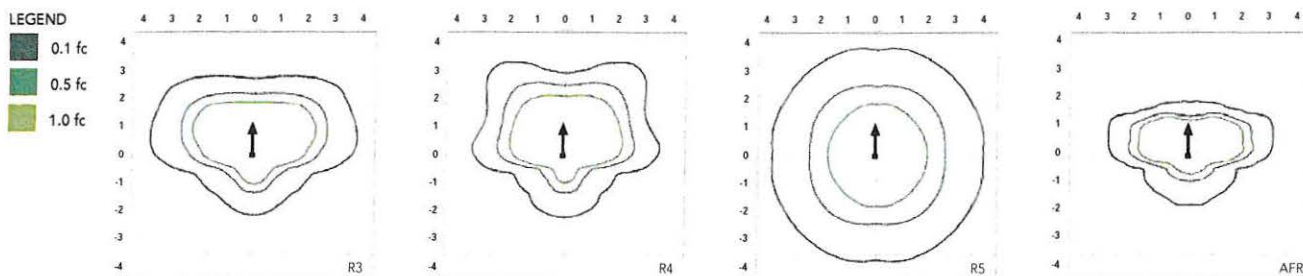
Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm



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.

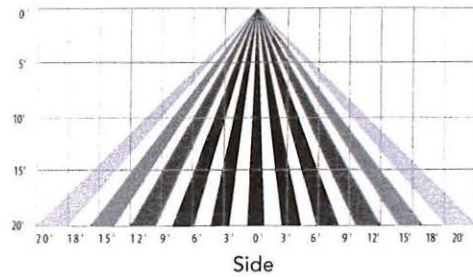
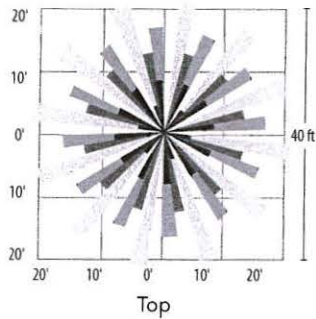
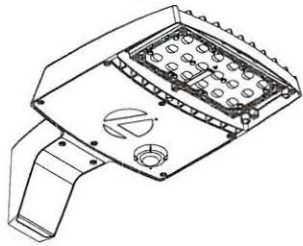
Lumen Output

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.

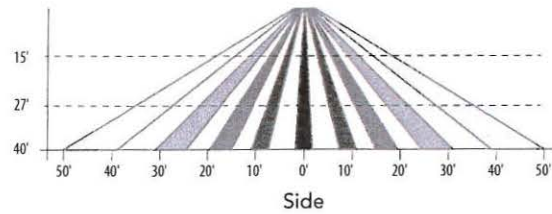
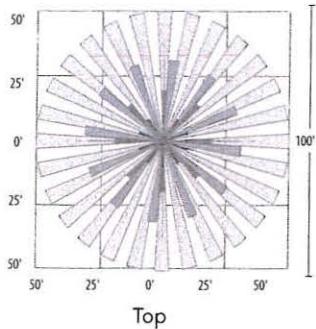
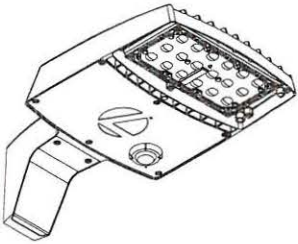
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R5	6,631	3	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
P2	72W	R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		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
P3	109W	R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		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
P4	133W	R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		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

Sensor Coverage

PIRS Coverage Patterns

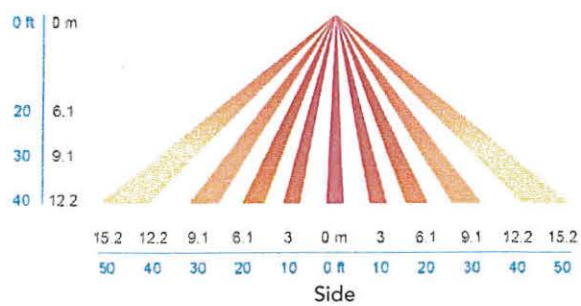
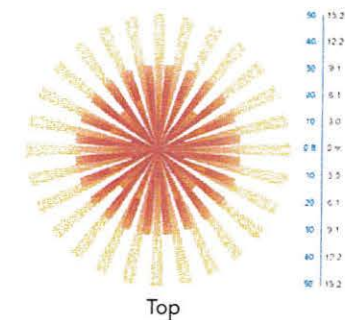
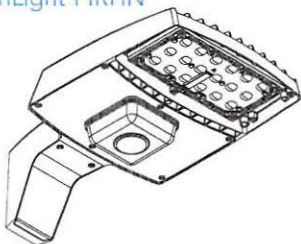


PIRHS Coverage Pattern



PIRHN nLight Sensor Coverage Pattern

nLight PIRHN



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 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 a 1.5 G vibration load per ANSI C136.31.

FINISH

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

OPTICS

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

ELECTRICAL

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

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature the capability for remote control

sensor reprogramming and are suitable for mounting heights up to 40 feet. (Remote control programmer RCPIRS not included, ordered separately under accessories).

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 and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once 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 slip fitter has an integral junction box and offers easy installation. IS adjustable slipfitter is not rated for tilting above 90° or mounting within 4 feet of ground. Can be tilted up to 90° above horizontal.

LISTINGS

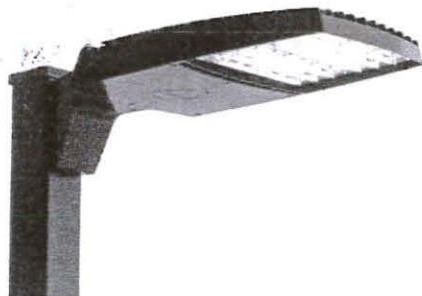
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DLP to confirm which versions are qualified.

WARRANTY

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

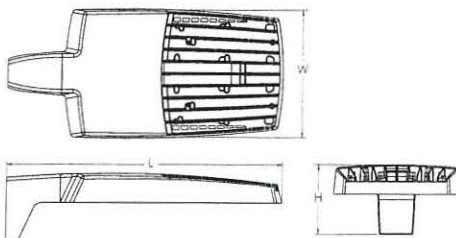


Catalog Number	RSX2 LED P1 40K R3 MVOLT HS SPA DDBXD
Notes	
Type	PL3

All the light is directed downwards for maximum efficiency and safety.

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 (max):	33.0 lbs (15.0 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 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 and an adjustable integral slip-fitter are also available.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1 P2 P3 P4 P5 P6	30K 3000K 40K 4000K 50K 5000K	R3 Type 3 Wide R4 Type 4 Wide R5 Type 5 Wide RSS Type 5 Short AFR Automotive Front Row	MVOLT (120V-277V) ¹ HVOLT (347V-480V) ² (use specific voltage for options as noted) 120 ³ 277 ³ 208 ³ 347 ³ 240 ³ 480 ³	SPA Square pole mounting (Min. 3.0" SQ for 1 at 90°, Min. 3.5" SQ for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min pole dia. for 1,2,3 or 4 at 90°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁴ WBA Wall bracket

Options	Finish
Shipped Installed HS House-side shield PE Photocontrol, button style ^{5,7} PEX Photocontrol external threaded, adjustable ^{6,7} PER7 Seven-wire twist-lock receptacle only (no controls) ^{7,8,9} CE34 Conduit entry 3/4"NPT (Qty 2) SF Single fuse (120, 277, 347) ³ DF Double fuse (208, 240, 480) ¹ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLBXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
Shipped Separately (requires some field assembly) EGS External glare shield EGFV External glare full visor (360° around light aperture) BS Bird spikes ¹²	*Note: Sensor coverage pattern is affected when luminaire is tilted.



Ordering Information

Accessories

Ordered and shipped separately:

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS U	External glare shield (specify finish)
RSX2EGFV U	External glare full visor (specify finish)
RSXRPA U	RSX Universal round pole adaptor plate (specify finish)
RCPIRS	Remote control PIR/PIRHS field programmer
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁴
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁴
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹⁴
DSHORT SBK U	Shorting cap ¹⁴

NOTES

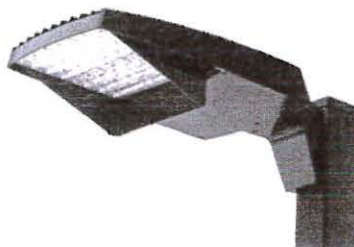
- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 3 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 4 IS maximum tilt is 90° above horizontal.
- 5 Requires MOVLT or 347V.
- 6 Requires 120V, 208V, 240V, 277V or 347V.
- 7 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, PIRS, PIRHS, PIRHN).
- 8 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.

- 9 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- 10 Must be ordered with PIRHN.
- 11 Must be ordered with NLTAR2. For additional information on PIRHN visit [pirhn.com](#).
- 12 Must be ordered with fixture for factory pre-drilling.
- 13 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- 14 Two or more of the following options cannot be combined including DMG, PER7, FAO, PIRS, PIRHS and PIRHN.
- 15 Requires MVOLT or HVOLT.

External Shields



House Side Shield



External Glare Shield

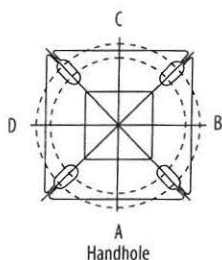


External 360 Full Visor

Pole/Mounting Information

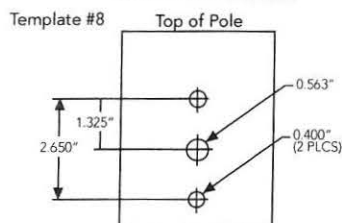
Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

HANDHOLE ORIENTATION

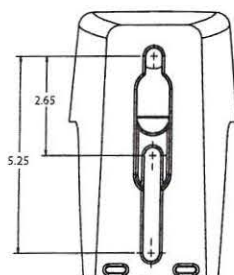


Handhole

RSX POLE DRILLING



RSX STANDARD ARM



Tenon Adapters

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Pole Drilling Nomenclature

Number of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

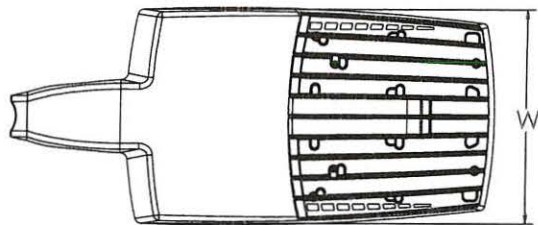
Note: Review luminaire spec sheet for specific nomenclature

RSX2 - Luminaire EPA

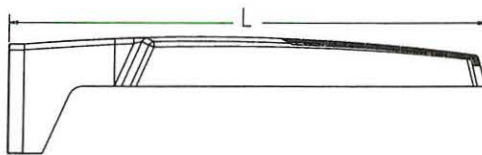
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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		0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
MA - Mast Arm Adaptor		0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
IS - Integral Slipfitter	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	7.7	11.56	15.41

RSX2 with Round Pole Adapter (RPA)



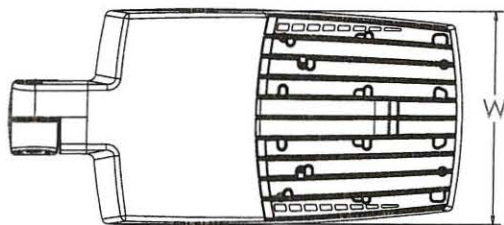
Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm



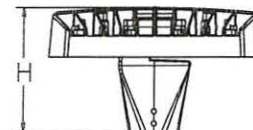
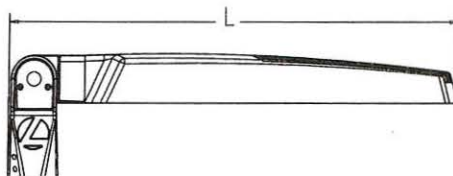
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



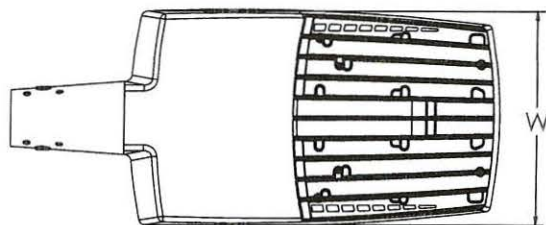
RSX2 with Adjustable Slipfitter (IS)



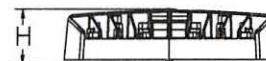
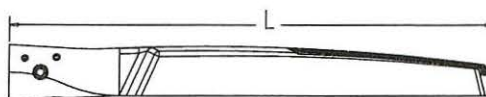
Length: 28.3" (71.9 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm



RSX2 with Mast Arm Adapter (MA)



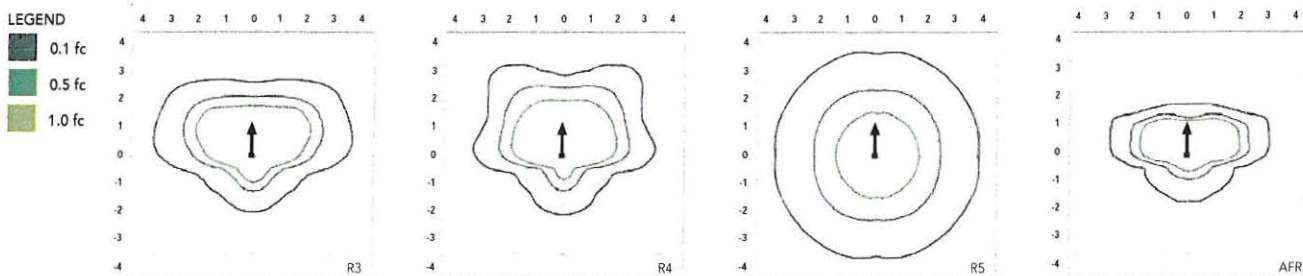
Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm



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.

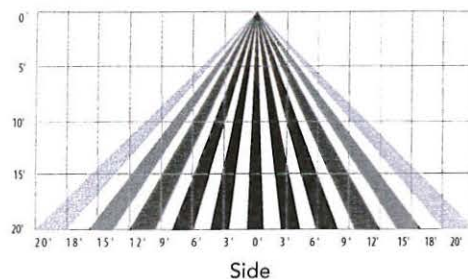
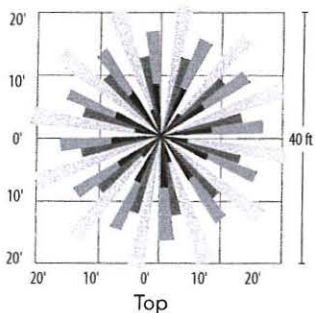
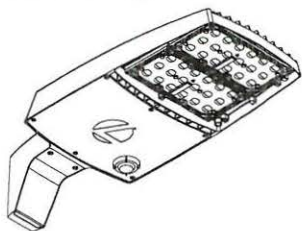
Lumen Output

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.

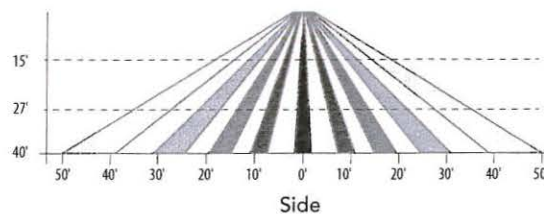
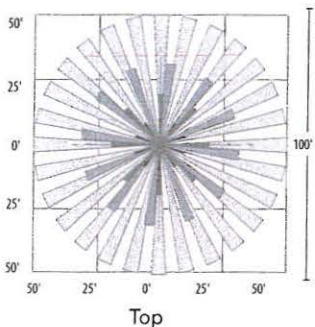
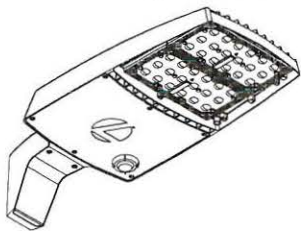
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R5	10,271	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
P2	111W	R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		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
P3	147W	R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		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
P4	187W	R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		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
P5	210W	R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		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
P6	244W	R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		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	27,609	3	0	2	113	30,334	3	0	2	124	30,334	3	0	2	124

Sensor Coverage

PIRS Coverage Patterns

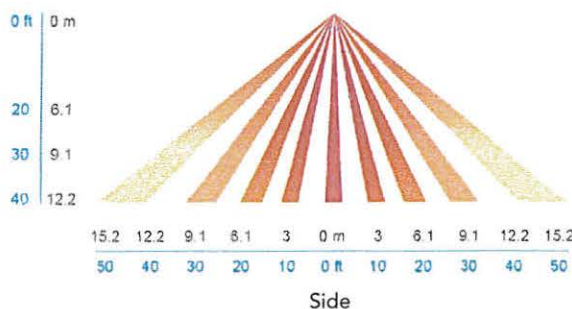
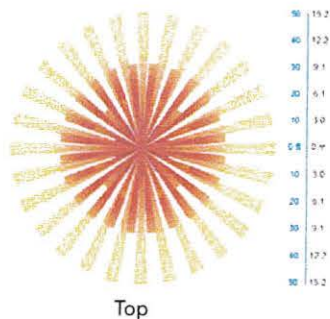
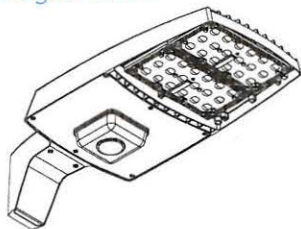


PIRHS Coverage Pattern



PIRHN nLight Sensor Coverage Pattern

nLight PIRHN



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. All mountings are rated for a 1.5 G vibration load per ANSI C136.31.

FINISH

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

OPTICS

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

ELECTRICAL

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

STANDARD CONTROLS

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

Motion Sensor Default Settings (PIRS and PIRHS only)

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIRS or PIRHS	Approx. 37% Output	100% Output	Enabled @ 5FC	5 minutes	3 seconds	20 seconds

*Note: Remote control sensor reprogrammer not included.

Integrated motion sensors with on-board photocells feature the capability for remote control sensor reprogramming and are suitable for mounting heights up to 40 feet. (Remote control programmer RCPIRS not included, ordered separately under accessories).

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 and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once 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 slip fitter has an integral junction box and offers easy installation. IS adjustable slipfitter is not rated for tilting above 90° or mounting within 4 feet of ground. Can be tilted up to 90° above horizontal.

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/DLC to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/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. Check with factory for Canadian specifications. 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, .1196"), or 50 KSI (7-gauge, .1793"). 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: A flush non-metallic black top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or when ordered with PT option.

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 standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. 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. Specifications subject to change without notice.

Catalog Number	SSS 28 4G DM19AS DDBXD
Notes	
Type	PL5 / PL3 POLE

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 5C DM19 DDB

SSS	28 FT					
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness ¹	Mounting ²		Options	Finish ¹⁰
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 (.1196") 4G 4" 7g (.1793") 5C 5" 11g (.1196") 5G 5" 7g (.1793") 6G 6" 7g (.1793") See technical information table for complete ordering information.)	<u>Tenon mounting</u> PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) <u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting³</u> DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° <u>CSX/DSX/AERIS™/OMERO™/HLA/KAX Drill mounting¹</u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90°	<u>AERIS™ Suspend drill mounting^{3,4}</u> DM19AST 1 at 90° DM28AST 2 at 180° DM29AST 2 at 90° DM39AST 3 at 90° DM49AST 4 at 90° <u>OMERO™ Suspend drill mounting^{3,4}</u> DM19MRT 1 at 90° DM28MRT 2 at 180° DM29MRT 2 at 90° DM39MRT 3 at 90° DM49MRT 4 at 90°	<u>Shipped installed</u> L/AB Less anchor bolts (Include when anchor bolts are not needed) VD Vibration damper TP Tamper resistant handhole cover fasteners HAxy Horizontal arm bracket (1 fixture) ^{5,6} FDLxy Festoon outlet less electrical ⁵ CPL12/xy 1/2" coupling ⁵ CPL34/xy 3/4" coupling ⁵ CPL1/xy 1" coupling ⁵ NPL12/xy 1/2" threaded nipple ⁵ NPL34/xy 3/4" threaded nipple ⁵ NPL1/xy 1" threaded nipple ⁵ EHHxy Extra handhole ^{5,7} MAEX Match existing ⁸ USPOM United States point of manufacture ⁹ IC Interior coating ¹⁰ UL UL listed with label (Includes NEC compliant cover) NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) <u>Shipped separately (replacement kit available)</u> (blank) FBC Full base cover (plastic) (blank) TC Top cap (blank) HHC Handhole cover	<u>Standard colors</u> DDBXD Dark bronze DWHXD White DBLXD Black DMBXD Medium bronze DNAXD Natural aluminum <u>Classic colors</u> DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue <u>Architectural Colors and Special Finishes¹¹</u> Galvanized, Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available.

NOTES:

- Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.1196" | "G" - 0.1793".
- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.

- 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
- 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 HAxy. Example: HA20BD.

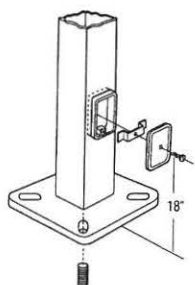
- Combination of tenon-top and drill mount includes extra handhole.
- Must add original order number of existing pole(s).
- Use when mill certifications are required.
- Provides enhanced corrosion resistance.
- Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Available by formal quote only, consult factory for details.

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust

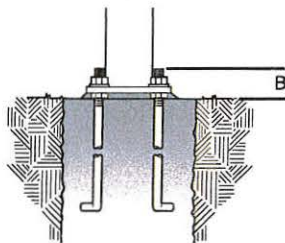
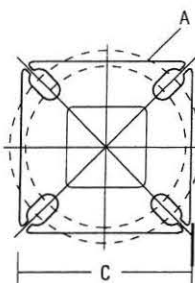
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft ²) with 1.3 gust						Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight			
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8-9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8-9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8-9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8-9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8-9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8-9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8-9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10-12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10-12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8-9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8-9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10-12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10-12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8-9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	—	—	10-12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10-12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11-13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	—	—	10-12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11-13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	—	—	11-13	1 x 36 x 4	605

* 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.

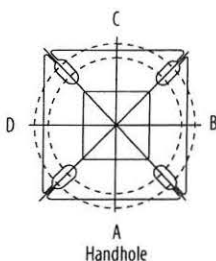
BASE DETAIL



POLE DATA								
Shaft base size	Bolt circle A	Bolt projection B	Base diameter C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template number	Anchor bolt description
4"C	8" - 9"	3.25" - 3.75"	8" - 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C	3/4"x18"x3"
4"G	8" - 9"	3.38" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G	3/4"x30"x3"
5"	10" - 12"	3.5" - 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5	1"x36"x4"
6"	11" - 13"	4" - 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	N/A	1"x36"x4"



HANDHOLE ORIENTATION



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.



RSX3 LED Area Luminaire



Catalog Number **RSX3 LED P1 40K R4 MVOLT WBA DDB**

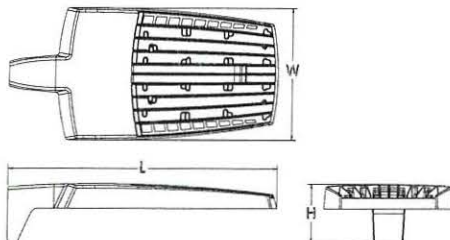
Notes

Type **WP1**

For the latest information, visit the page to see all (links to) remarks

Specifications

EPA (ft ² @0°):	0.70 ft ² (0.07 m ²)
Length:	33.8" (85.9 cm) (SPA mount)
Width:	16.1" (40.9 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight (max):	42.0 lbs (19.1 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 RSX3 delivers 25,000 to 41,000 lumens allowing it to replace 400W 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 and an adjustable integral slip-fitter are also available.

Ordering Information

EXAMPLE: RSX3 LED P4 40K R3 MVOLT SPA DDBXD

RSX3 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX3 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R3 Type 3 Wide R4 Type 4 Wide R5 Type 5 Wide RSS Type 5 Short AFR Automotive Front Row	MVOLT (120V-277V) ¹ HVOLT (347V-480V) ² (use specific voltage for options as noted) 120 ³ 277 ³ 208 ³ 347 ³ 240 ³ 480 ³	SPA Square pole mounting (Min. 3.0" SQ for 1 at 90°, Min. 3.5" SQ for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min pole dia. for 1,2,3 or 4 at 90°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁴ WBA Wall bracket

Options	Finish
Shipped Installed HS House-side shield PE Photocontrol, button style ^{5,7} PEX Photocontrol external threaded, adjustable ^{6,7} PER7 Seven-wire twist-lock receptacle only (no controls) ^{2,8,9} CE34 Conduit entry 3/4" NPT (Qty 2) SF Single fuse (120, 277, 347) ³ DF Double fuse (208, 240, 480) ³ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output DMG 0-10V lead wires extended (no controls)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLBXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
Shipped Separately (requires some field assembly) EGS External glare shield EGFV External glare full visor (360° around light aperture) BS Bird spikes ¹²	Shipped Installed *Standalone Sensors Controls (factory default settings, see table page 5) PIRS Motion/ambient sensor for 8-20' mounting heights ^{7,14,15} PIRHS Motion/ambient sensor for 20-40' mounting heights ^{7,14,15} *Networked Sensors/Controls NLTAIR2 nLight AIR generation 2 ^{10,15} PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{7,11,14,15} *Note: Sensor coverage pattern is affected when luminaire is tilted.



Ordering Information

Accessories

Ordered and shipped separately:

RSX3HS	RSX3 House side shield (includes 3 shields)
RSX3EGS U	External glare shield (specify finish)
RSX3EGFV U	External glare full visor (specify finish)
RSXRPA U	RSX Universal round pole adaptor plate (specify finish)
RCPIRS	Remote control PIRS/PIRHS field programmer
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹³
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹³
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹³
DSHORT SBK U	Shorting cap ¹⁴

NOTES

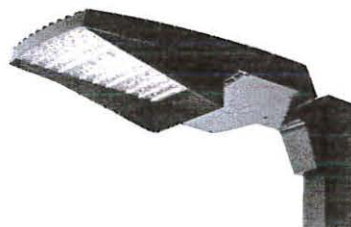
- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 3 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 4 IS maximum tilt is 90° above horizontal.
- 5 Requires MOVLT or 347V.
- 6 Requires 120V, 208V, 240V, 277V or 347V.
- 7 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, PIRS, PIRHS, PIRHN).
- 8 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.

- 9 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- 10 Must be ordered with PIRHN.
- 11 Must be ordered with NLTAIR2. For additional information on PIRHN visit [www.acuitybrands.com](#).
- 12 Must be ordered with fixture for factory pre-drilling.
- 13 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- 14 Two or more of the following options cannot be combined including DMG, PER7, FAO, PIRS, PIRHS and PIRHN.
- 15 Requires MVOLT or HVOLT.

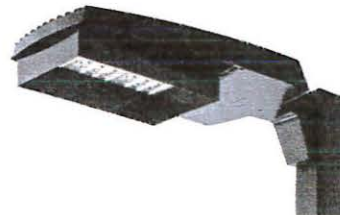
External Shields



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](#).

Tenon Adapters

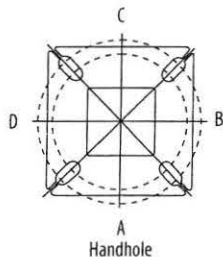
Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Pole Drilling Nomenclature

Number of heads at degree from handhole (default side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D

Note: Review luminaire spec sheet for specific nomenclature

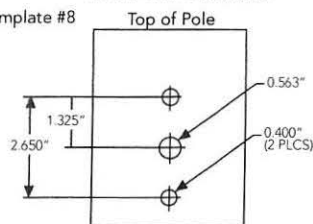
HANDHOLE ORIENTATION



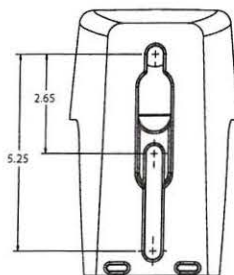
Handhole

RSX POLE DRILLING

Template #8



RSX STANDARD ARM

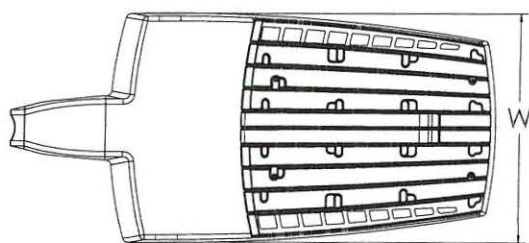


RSX3 - Luminaire EPA

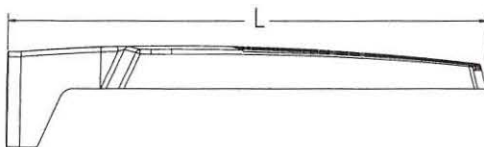
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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°	0.7	1.32	1.37	2	1.76	2.62	1.39	2.09	2.8
RPA - Round Pole Adaptor	0°	0.7	1.32	1.37	2	1.76	2.62	1.39	2.09	2.8
MA - Mast Arm Adaptor	0°	0.7	1.32	1.37	2	1.76	2.62	1.39	2.09	2.8
IS - Integral Slipfitter	0°	0.7	1.32	1.37	2	1.76	2.62	1.39	2.09	2.8
	10°	0.96	1.85	1.84	2.76	2.4	3.64	1.92	1.92	3.84
	20°	1.34	2.58	2.64	3.83	3.35	5.11	2.68	2.68	5.36
	30°	2.04	3.52	3.79	5.2	4.7	7.03	4.09	4.09	8.16
	40°	3.12	4.54	5.23	6.6	6.33	9.02	6.23	6.23	12.48
	45°	3.72	5.05	6.12	7.35	7.15	10.01	7.45	7.45	14.88
	50°	4.01	5.49	6.6	7.87	7.81	10.88	8.02	8.02	16.04
	60°	4.72	6.36	7.69	9.09	9.11	12.61	9.44	9.44	18.88
	70°	4.9	7.01	8.05	10.02	9.78	13.94	9.80	9.80	19.6
	80°	4.95	7.4	8.23	10.61	10.26	14.75	9.90	9.90	19.8
	90°	4.91	7.55	8.34	10.88	10.54	15.05	9.82	9.82	19.64

RSX3 with Round Pole Adapter (RPA)



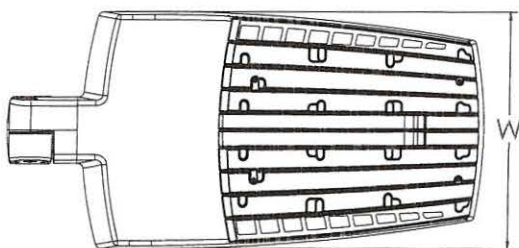
Length: 34.8" (88.4 cm)
 Width: 16.1" (40.9 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.3 cm) Arm



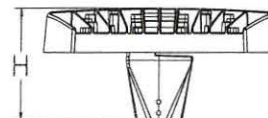
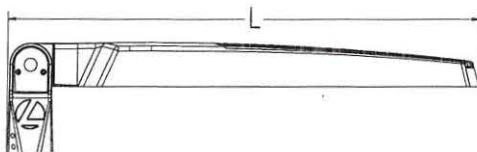
NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



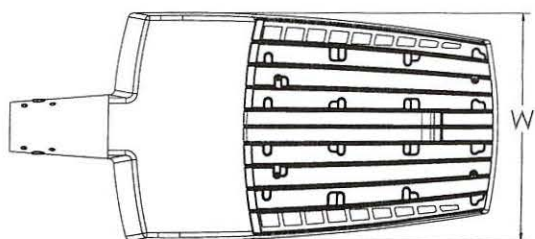
RSX3 with Adjustable Slipfitter (IS)



Length: 32.8" (83.3 cm)
 Width: 16.1" (40.9 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



RSX3 with Mast Arm Adapter (MA)



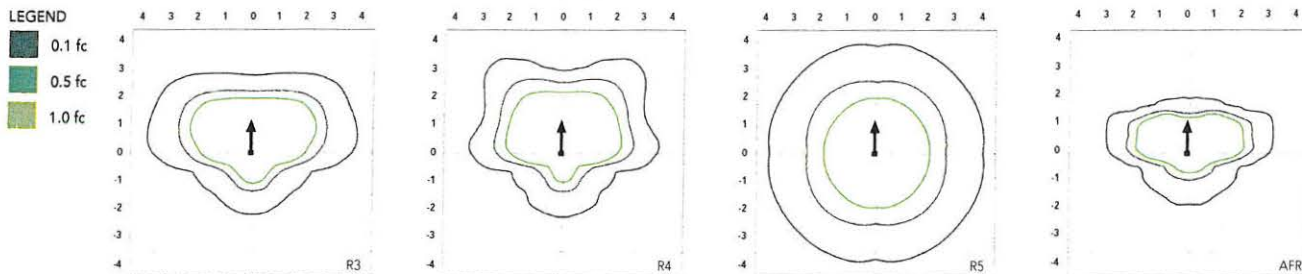
Length: 35.1" (89.1 cm)
 Width: 16.1" (40.9 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm



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 RSX3 LED P4 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	194W	1.61	0.92	0.80	0.69	0.56	0.40
P2	222W	1.85	1.06	0.92	0.80	0.63	0.45
P3	266W	2.22	1.27	1.10	0.95	0.76	0.55
P4	312W	2.60	1.49	1.29	1.11	0.89	0.64

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.

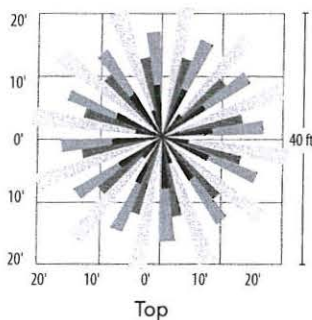
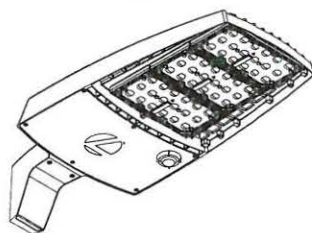
Lumen Output

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.

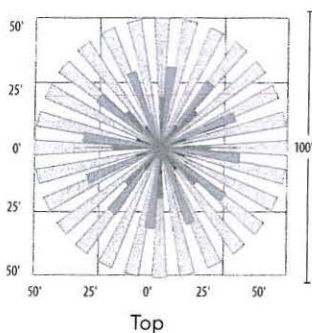
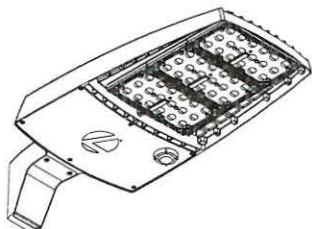
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	194W	R3	24,832	3	0	4	128	27,283	3	0	4	141	27,283	3	0	4	141
		R4	25,157	3	0	4	130	27,639	3	0	4	142	27,639	3	0	4	142
		R5	25,494	5	0	4	131	28,010	5	0	4	144	28,010	5	0	4	144
		R5S	26,171	4	0	2	135	28,754	4	0	2	148	28,754	4	0	2	148
		AFR	24,886	3	0	2	128	27,342	3	0	2	141	27,342	3	0	2	141
P2	222W	R3	27,473	3	0	4	124	30,185	3	0	4	136	30,185	3	0	4	136
		R4	27,833	3	0	4	125	30,579	3	0	4	138	30,579	3	0	4	138
		R5	28,206	5	0	4	127	30,990	5	0	4	140	30,990	5	0	4	140
		R5S	28,955	4	0	2	130	31,813	5	0	3	143	31,813	5	0	3	143
		AFR	27,533	3	0	2	124	30,251	3	0	2	136	30,251	3	0	2	136
P3	266W	R3	32,172	3	0	4	121	35,346	3	0	5	133	35,346	3	0	5	133
		R4	32,593	3	0	4	123	35,809	3	0	5	135	35,809	3	0	5	135
		R5	33,030	5	0	4	124	36,289	5	0	4	136	36,289	5	0	4	136
		R5S	33,907	5	0	3	127	37,253	5	0	3	140	37,253	5	0	3	140
		AFR	32,242	3	0	3	121	35,424	3	0	3	133	35,424	3	0	3	133
P4	312W	R3	36,815	3	0	5	118	40,448	3	0	5	130	40,448	3	0	5	130
		R4	37,297	3	0	5	120	40,978	3	0	5	131	40,978	3	0	5	131
		R5	37,797	5	0	4	121	41,527	5	0	5	133	41,527	5	0	5	133
		R5S	38,801	5	0	3	124	42,630	5	0	3	137	42,630	5	0	3	137
		AFR	36,896	3	0	3	118	40,537	3	0	3	130	40,537	3	0	3	130

Sensor Coverage

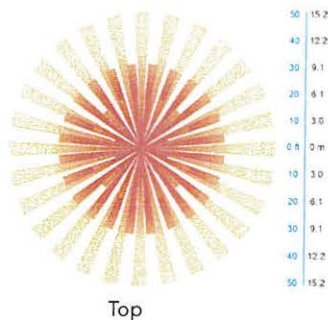
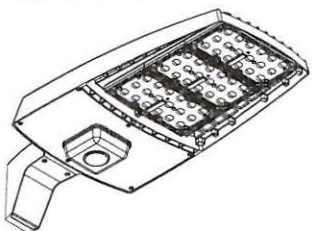
PIRS Coverage Patterns



PIRHS Coverage Pattern

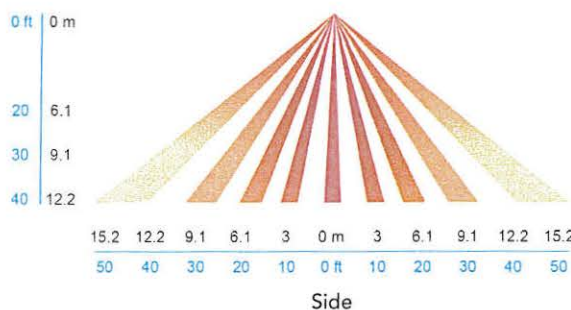
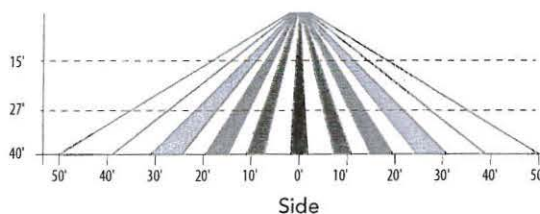
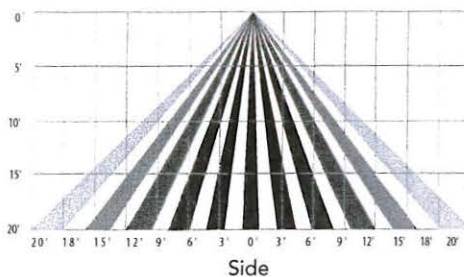


PIRHN nLight Sensor Coverage Pattern nLight PIRHN



Motion Sensor Default Settings (PIRS and PIRHS only)						
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIRS or PIRHS	Approx. 37% Output	100% Output	Enabled @ 5FC	5 minutes	3 seconds	20 seconds

*Note: Remote control sensor reprogrammer not included.



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 RSX3 delivers 25,000 to 41,000 lumens and is ideal for replacing 400W to 1000W 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 a 1.5 G vibration load per ANSI C136.31.

FINISH

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

OPTICS

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

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 >192/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

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

Integrated motion sensors with on-board photocells feature the capability for remote control sensor reprogramming and are suitable for mounting heights up to 40 feet. (Remote control programmer RCPIRS not included, ordered separately under accessories).

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 and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLARITY 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 that 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 slip fitter has an integral junction box offering easy installation. IS adjustable slipfitter is not rated for tilting above 90° or mounting within 4 feet of ground. Can be tilted up to 90° above horizontal.

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/DPL to confirm which versions are qualified.

WARRANTY

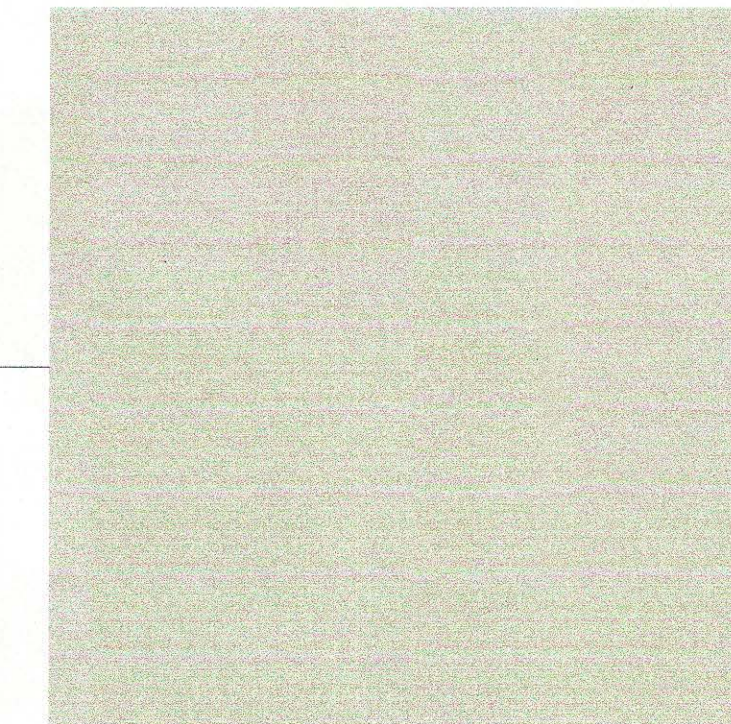
5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

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.

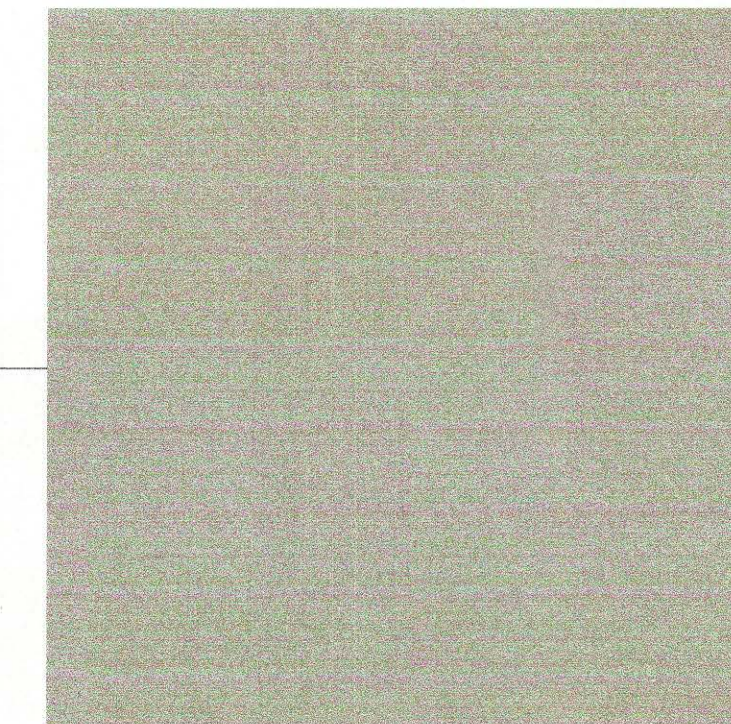




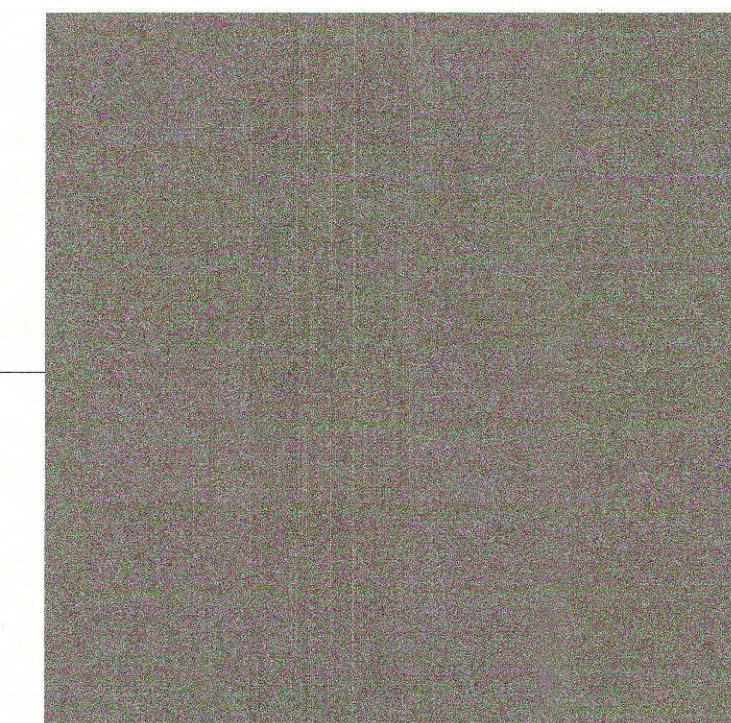
1 BUILDING ELEVATION
R-1 NTS



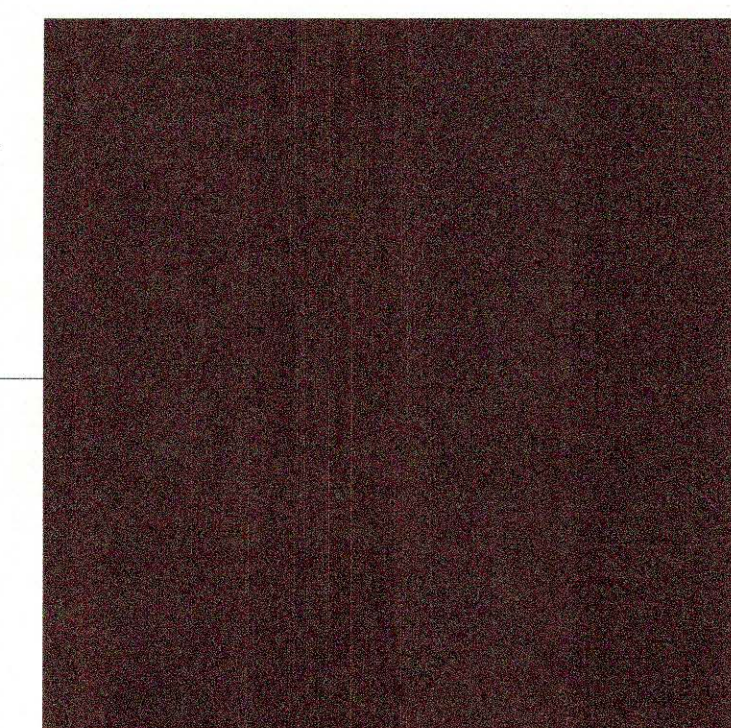
SW 7011
NATURAL CHOICE
MAIN BUILDING PAINT



SW 7036
ACCESSIBLE BEIGE
FACADE REVEALS



SW 7024
FUNCTIONAL GRAY
LOWER ROOF LINE
BUILDING PROJECTION



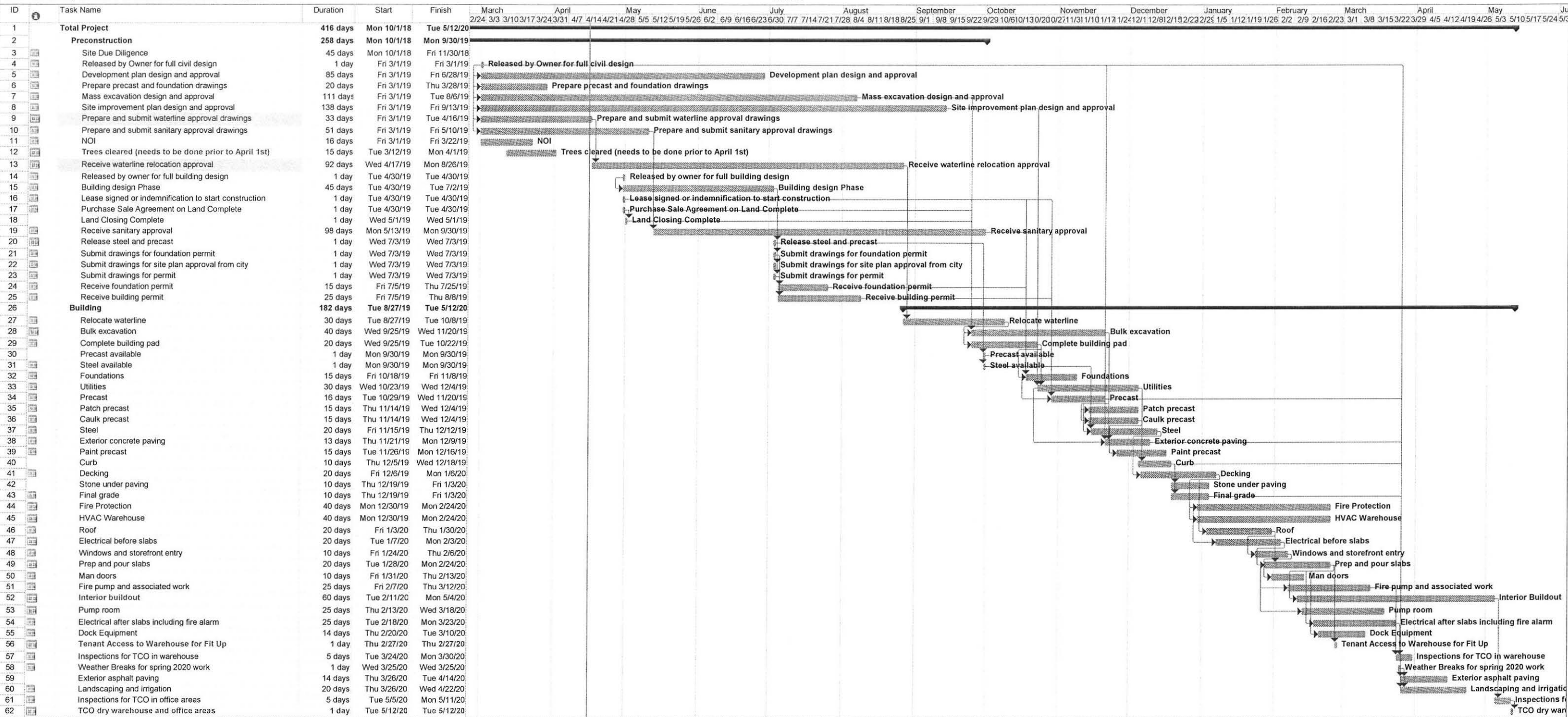
SW 6068
BREVITY BROWN
MBCI CORRUGATED METAL
PANEL ACCENTS
METAL CANOPIES

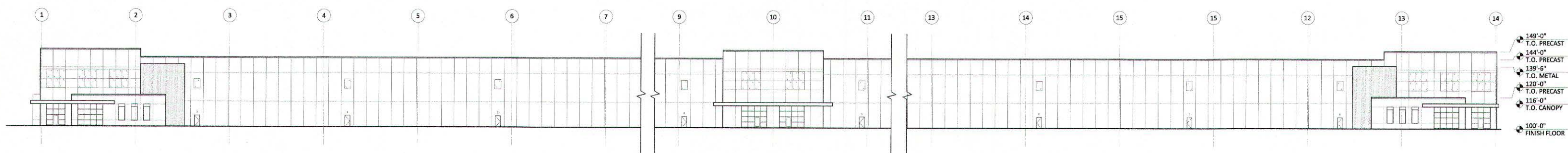
1 BUILDING RENDERING AND COLOR PALETTE
R-2 NTS



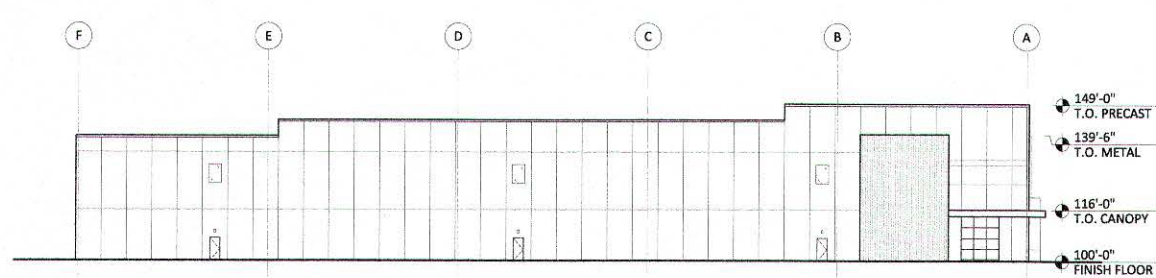
BUILDING TWO RENDERING

1
R-3
NTS

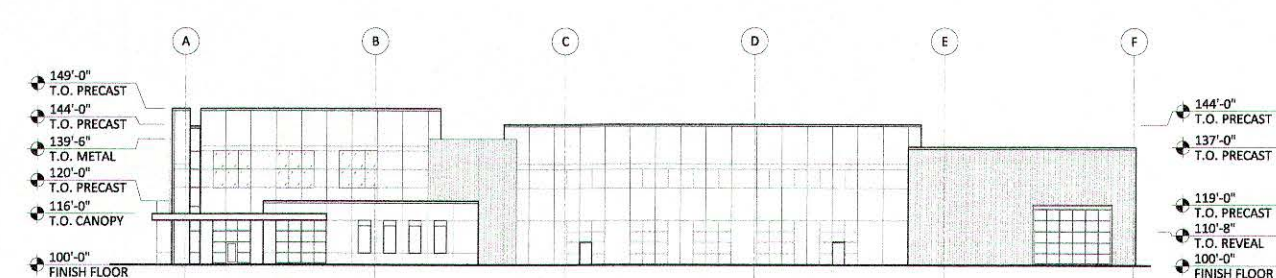




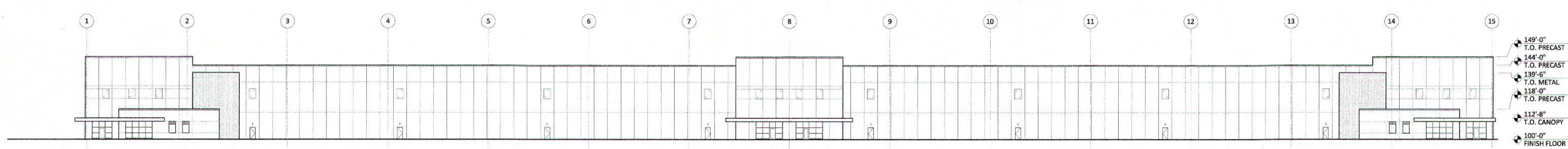
1 BUILDING ONE - NORTH ELEVATION
EL-1 1" = 30'-0"



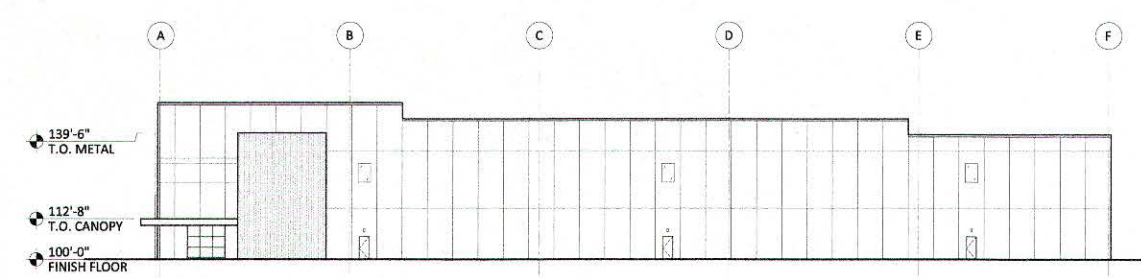
2 BUILDING ONE - EAST ELEVATION
EL-1 1" = 30'-0"



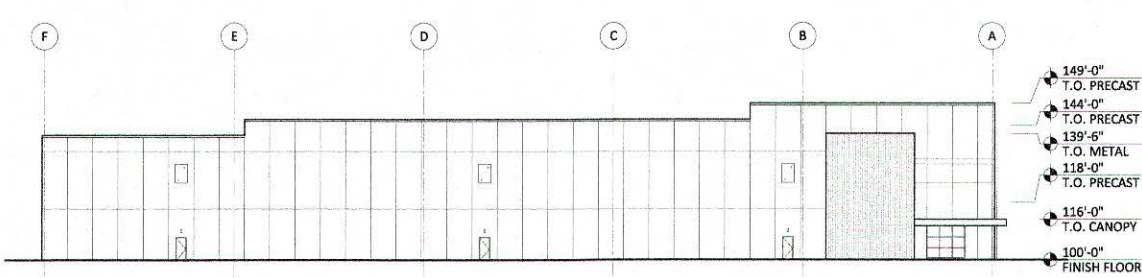
3 BUILDING ONE - WEST ELEVATION
EL-1 1" = 30'-0"



1 BUILDING TWO - WEST ELEVATION
EL-1 1" = 30'-0"



2 BUILDING TWO - SOUTH ELEVATION
EL-1 1" = 30'-0"



3 BUILDING TWO - NORTH ELEVATION
EL-1 1" = 30'-0"