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Via E-mail Only

February 7, 2024

John "Marty" Doggett, Chairman  
Salisbury Planning Board  
5 Beach Road  
Salisbury, Massachusetts 01952

Re: Updates and Additional Information  
Application for Major Modification of a Site Plan Approval  
Outdoor Patio  
11 North End Boulevard

Dear Chairman Doggett and Members of the Board:

Reference is made to the above-captioned matter. In that connection and in advance of the Board's continued public hearing on the Application, I now submit feedback in response to certain questions asked and comments made at the Board's January 10, 2024 meeting. According to my notes, topics discussed at said meeting included noise, lighting, fencing and associated plantings, the so-called turf area for outdoor games, restroom facilities, parking configuration and pedestrian safety. I will address these topics sequentially.

1. Noise. As noted previously, noise was a topic discussed with Town staff months before submittal of the Application; and it was recognized that seasonal noise along Salisbury Beach and, specifically, in the vicinity of the intersection of Beach Road and North End Boulevard is to-be-expected. That said, certain Board members and a few residents expressed concern about excessive noise emanating from the stage, i.e. live music. Although the stage will be positioned to direct sound away from the residential property or properties situated westerly of the Locus, the Applicant was asked to explore additional sound mitigation measure(s).

To that end, the Applicant now proposes to enclose the stage utilizing a container similar to that being used for the bar. Sound panels will be placed along the interior of the container as well, to act as a barrier between the sounds generated by bands and other performers and the nearby residential use(s). Only the front, or easterly-facing, side of the container-turned-stage will be open-air. And again, speakers will be aimed away from the aforementioned residences. A sample photograph of the proposed, enclosed stage is annexed hereto as **Attachment A**.

2. Lighting. At the Board's January 10, 2024 meeting, the Applicant promised submittal of a photometric plan, identifying temporary

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and permanent lighting placement and illumination measurements, i.e. in footcandles, at locations throughout the Locus. Such plan is now annexed hereto as **Attachment B**. It verifies that adequate lighting will be provided for safety and security within the outdoor patio area but also in the adjacent parking area(s); but that minimal-to-no spillover is anticipated beyond the Locus itself and the adjacent sidewalk.

Also identified on the photometric plan are the types, manufacturers and models of the light fixtures proposed for the outdoor patio area. Annexed hereto as **Attachment C** is a rendering of where these fixtures will be situated on the Locus. Annexed hereto as **Attachment D** are the specification or data sheets for these fixtures, as promised.

Multiple neighbors raised concerns about certain lights affixed to National Grid poles off-site but immediately adjacent to the Locus' westerly boundary, i.e. therefore nearest the adjacent residential complex. Note that the Applicant's principal, Robert DePesa, contacted and has been engaged in a dialogue with a National Grid representative; and Mr. DePesa has specifically requested that these lights be disconnected, or shielded, or limited as to operating hours.

3. Fencing and associated plantings. Further details were requested by the Board relative to the style of fencing and type of plantings proposed by the Applicant for the Locus. Annexed hereto as **Attachment E** is a photograph of the five-foot-high black aluminum fencing proposed for the southerly and easterly boundaries of the outdoor patio. Because fencing at the rear of the outdoor patio area, i.e. along its westerly boundary with the parking area, will be removeable, it will be different in style; annexed hereto as **Attachment F** is a photograph of the six-foot-high black chain-link fencing proposed therefor. Note that all fencing is open so as to avoid objection by the Town's Conservation Commission.

Also to avoid Conservation Commission concern(s), the Applicant proposes that the "shrub plantings" shown on plans heretofore submitted to the Board will be placed in planters along the outer boundary of the fencing and adjacent to the sidewalk. Species will be determined based upon availability, but will be non-deciduous- or evergreen-style plantings such as arborvitae, boxwoods or the like.

4. Turf area for outdoor games. One member of the Board expressed concern that the turf area for outdoor games, e.g. cornhole, might interfere with use of the adjacent exit at the southwest corner of the outdoor patio area. The Applicant will shift or otherwise adjust the location of the turf area so as to avoid such interference; but,

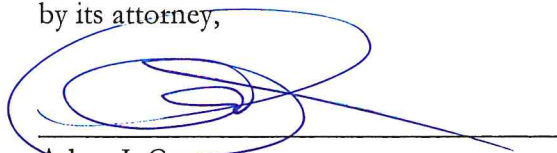
for safety and other reasons, the Applicant would prefer not to eliminate the referenced exit. The Applicant is nonetheless amenable to also widening the exit at the northwesterly corner of the outdoor patio area to provide greater ease of movement through it, in the event of an emergency.

5. Restroom facilities. Recognizing that one member of the Board noted a preference for outdoor bathrooms, i.e. so-called port-a-potties, others did not; and all neighbors who commented on restrooms stated that they preferred for the Applicant to utilize bathrooms within the existing facility. Also, as stated at the January 10, 2024 meeting, the Town's Building Inspector previously advised the Applicant that it could not rely upon portable restroom facilities to service the outdoor patio area. Accordingly, the Applicant has not altered its proposal.
6. Parking configuration. The Town Planner identified a concern with use of the area comprising the outdoor patio for off-season parking, inasmuch as the six parking spaces adjacent to the proposed chain-link fence will be striped. To address the issue, Mr. DePesa has consulted with the Applicant's paving contractor. He has verified that the contractor can easily "black out the striping" in the off-season, something that the contractor is asked to do "all the time."
7. Pedestrian safety. Pedestrians may access the Locus and the outdoor patio area from the opposite side of North End Boulevard; and one or more Board members noted safety concern(s) as regards the existing crosswalk, particularly at or after dusk. Unfortunately, the Applicant's option(s) to address the aforesaid issue are limited, as North End Boulevard is a State highway within the sole purview of the Massachusetts Department of Transportation (MassDOT). Nevertheless, Mr. DePesa has requested of MassDOT better lighting in the vicinity of the existing crosswalk.

We look forward to further discussing the foregoing at the Board's February 14, 2024 meeting.

Respectfully submitted,

MJF Bowery Corp.,  
by its attorney,



Adam J. Costa

AJC/fhs  
Enclosures  
cc: Client



Attachment A

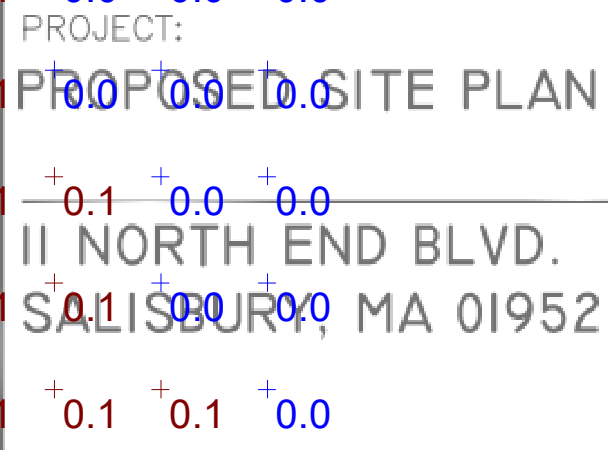
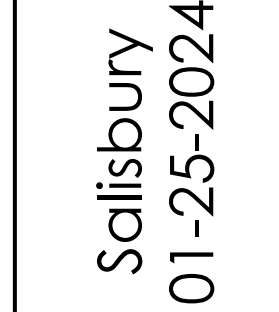






Attachment B





PREPARED FOR:  
FORE MARKET  
REALTY, LLC  
125 FOREST STREET  
READING, MA 01867

REGISTERED ENGINEER

PROJECT NO: 23-004

DRAWN BY: J. MORETTI

DATE OF ISSUE: 1/28/2023

SCALE: +1"=10'-0"

0.1 0.1 0.0 REVISIONS

| NO. | DATE    | DESCRIPTION                  |
|-----|---------|------------------------------|
| 1   | 3/22/23 | OCCUPANCY CHART              |
| 2   | 3/27/23 | HANDICAP PARKING STALL       |
| 3   | 1/4/24  | REVISED HANDICAP PARKING STA |
| 4   |         |                              |
|     |         |                              |
|     |         |                              |
|     |         |                              |

JEFFREY MORRETTI / MORETTI DESIGNS, LLC  
HAS NOT BEEN ENGAGED FOR CONSTRUCTION  
SUPERVISION AND ASSUMES NO RESPONSIBILITY  
FOR CONSTRUCTION NOT CONFORMING TO THESE PLANS.  
WRITTEN DIMENSIONS ON DRAWINGS SHALL  
HAVE PRECEDENCE OVER SCALED DIMENSIONS.  
CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE  
FOR ALL DIMENSIONS AND CONDITIONS ON THIS  
PROJECT. MORETTI DESIGNS, LLC SHALL BE  
NOTIFIED OF ANY VARIATION FROM THESE PLAN  
PRIOR AND DURING CONSTRUCTION.

0.0 0.0 0.0 SHEET TITLE:

# SITE PLAN

0.0 0.0 0.0 SHEET NUMBER

A.I.

NOTES:

-REFLECTANCES ASSUMED:  
WALL: 50  
FLOOR: 20

- MOUNTING HEIGHTS:  
C: 10'-0"  
SL1: 20'-0"  
FL1: 12'-0"

- TASK HEIGHT: 0' ABOVE GRADE
- CALCULATION POINT SPACING: 5'X5' OC

## SCHEDULE

| Symbol   | Label | Quantity | Manufacturer      | Catalog Number        | Description  | Light Loss Factor | Wattage |
|--|-------|----------|-------------------|-----------------------|--|-------------------|---------|
|    | C     | 5        | Celestial         | HYA STL AC GF27 24    | Hydra STL  | 0.9               | 2       |
|    |       | 147      | Celestial         | HYA STL AC GF27 24    | Hydra STL  | 0.9               | 2       |
| <br> | FL1   | 4        | Lithonia Lighting | RSXF1 LED P1 30K WFL  | RSXF Flood Fixture Size 1 P1 Lumen Package 3000K CCT Type WFL Distribution                   | 0.9               | 51.34   |
| <br> | SL1   | 2        | Lithonia Lighting | RSX1 LED P3 30K R3 HS | RSX LED Area Luminaire Size 1 P3 Lumen Package 3000K CCT Type R3 Distribution with HS shield | 0.9               | 109.44  |

## Plan View

Scale - 1" = 9ft

## STATISTICS

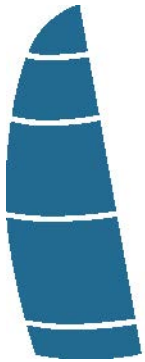
| DESCRIPTION  | SYMBOL | AVG.   | MAX    | MIN.   | MAX/MIN | AVG/MIN |
|--------------|--------|--------|--------|--------|---------|---------|
| Courtyard    | +      | 3.2 fc | 8.5 fc | 0.5 fc | 17.0:1  | 6.4:1   |
| Pavement     | +      | 1.2 fc | 6.8 fc | 0.0 fc | N/A     | N/A     |
| Calc Zone #3 | +      | 0.7 fc | 8.7 fc | 0.0 fc | N/A     | N/A     |



Attachment C



Attachment D



**Boston Light Source**

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## Tens showclub Salisbury (Quote 24-79168-1)

Jan 25 2024



Prepared By

lauren bernat - Boston Light Source

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BostonLightSource

# Tens showclub Salisbury (Quote 24-79168-1)

Quote Number 28532-82332-1

## Table of Contents

### Datasheets

| New Section |                    |   |     |
|-------------|--------------------|---|-----|
| Type        | Manufacturer       | Model Number  | Pg. |
| SL1         | ABL                | <a href="#">RSX1 LED P2 30K R4 MVOLT HS<br/>SPA NLTAIR2 PIRHN DDBXD</a> | 2   |
| SL1         | ABL                | <a href="#">SSS 20 4C DM19AS DDBXD</a>                                  | 11  |
| FL1         | ABL                | <a href="#">RSXF1 LED P3 30K WFL MVOLT IS<br/>NLTAIR2 PIRHN DDBXD</a>   | 15  |
| FL1         | ABL                | <a href="#">SSS 12 4C DM19AS DDBXD</a>                                  | 23  |
| C           | CELESTIAL LIGHTING | <a href="#">HYA STL AC GF27 24</a>                                      | 27  |



BostonLightSource

# **Tens showclub Salisbury (Quote 24-79168-1)**

Quote Number 28532-82332-1

## **Notes Summary**



# **Tens showclub Salisbury (Quote 24-79168-1)**

Quote Number 28532-82332-1

**Datasheets**

**New Section**



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSX1 LED P2 30K R4 MVOLT HS SPA NLTAIR2 PIRHN DDBXD

Type :  
**SL1**

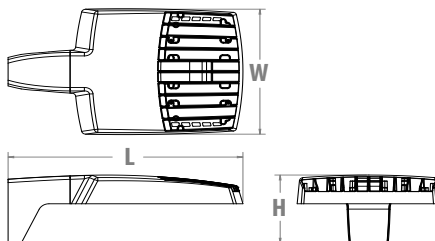


## RSX1 LED Area Luminaire



### 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:** 22.0 lbs (10.0 kg) (SPA mount)



|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

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

### Introduction

The new RSX1 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.



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

Design Select options indicated by this color background.

### Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

| RSX1 LED | Performance Package  | Color Temperature                   | Distribution  | Voltage  | Mounting  |
|----------|----------------------|-------------------------------------|---|--|---|
| Series   |                      |                                     |   |  |   |
| RSX1 LED | P1<br>P2<br>P3<br>P4 | 30K 3000K<br>40K 4000K<br>50K 5000K | R2 Type 2 Wide<br>R3 Type 3 Wide<br>R3S Type 3 Short<br>R4 Type 4 Wide<br>R4S Type 4 Short<br>R5 Type 5 Wide <sup>1</sup><br>R5S Type 5 Short <sup>1</sup><br>AFR Automotive Front Row<br>AFRR90 Automotive Front Row Right Rotated<br>AFRL90 Automotive Front Row Left Rotated | MVOLT (120V-277V) <sup>2</sup><br>HVOLT (347V-480V) <sup>3</sup><br>XVOLT (277V-480V) <sup>4</sup><br>(use specific voltage for options as noted)<br>120 <sup>3</sup> 277 <sup>5</sup><br>208 <sup>3</sup> 347 <sup>5</sup><br>240 <sup>3</sup> 480 <sup>5</sup> | SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)<br>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°)<br>MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)<br>IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>6</sup><br>WBA Wall bracket <sup>1</sup><br>WBASC Wall bracket with surface conduit box<br>AASP Adjustable tilt arm square pole mounting <sup>6</sup><br>AARP Adjustable tilt arm round pole mounting <sup>6</sup><br>AAWB Adjustable tilt arm with wall bracket <sup>6</sup><br>AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>6</sup> |

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



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Lithonia RSX1 Area LED  
Rev. 06/27/23  
Page 1 of 9



## Ordering Information

### Accessories

Ordered and shipped separately.

|                     |  |
|---------------------|--|
| RSX1HS              | RSX1 House side shield (includes 1 shield)                                   |
| RSX1HSAFRU U        | RSX1 House side shield for AFR rotated optics (includes 1 shield)            |
| RSX1EGS (FINISH) U  | External glares 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) <sup>1</sup>                           |
| RSXSCB (FINISH) U   | RSX Surface conduit box (specify finish, for use with WBA, WBA not included) |
| DL127F 1.5 JU       | Photocell -SSL twist-lock (120-277V) <sup>17</sup>                           |
| DL1347F 1.5 CUL JU  | Photocell -SSL twist-lock (347V) <sup>17</sup>                               |
| DL1480F 1.5 CUL JU  | Photocell -SSL twist-lock (480V) <sup>17</sup>                               |
| DSHORT SBK U        | Shorting cap <sup>17</sup>   |

### NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1 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.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- 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.)
- 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 as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
  - Must be ordered with PIRHN.
  - Requires MVOLT or HVOLT.
  - Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
  - CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGPV and BS.
  - Must be ordered with fixture for factory pre-drilling.
  - Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

## External Shields



House Side Shield



External Glare Shield

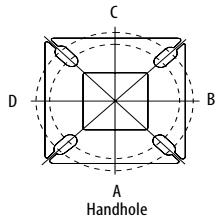


External 360 Full Visor

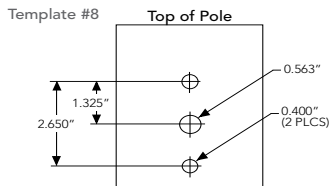
## Pole/Mounting Information

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

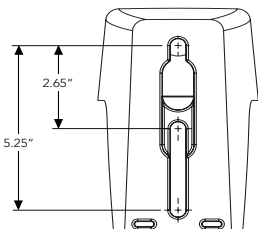
### HANDHOLE ORIENTATION



### RSX POLE DRILLING



### RSX STANDARD ARM & ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters










| Tenon O.D. | RSX Mounting | Single    | 2 at 180° | 2 at 90°  | 3 at 120° | 3 at 90°  | 4 at 90°  |
|------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 - 3/8"   | RPA, AARP    | AS3-5190  | 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           |
|-------------------|--------------------|--------|------------|------------|-----------------|---------------|------------------|
| #8                | Head Location      | Side B | Side B & D | Side B & C | Round Pole Only | Side B, C & D | Side A, B, C & D |
|                   | Drill Nomenclature | DM19AS | DM28AS     | DM29AS     | DM32AS          | DM39AS        | DM49AS           |

### RSX1 - Luminaire EPA

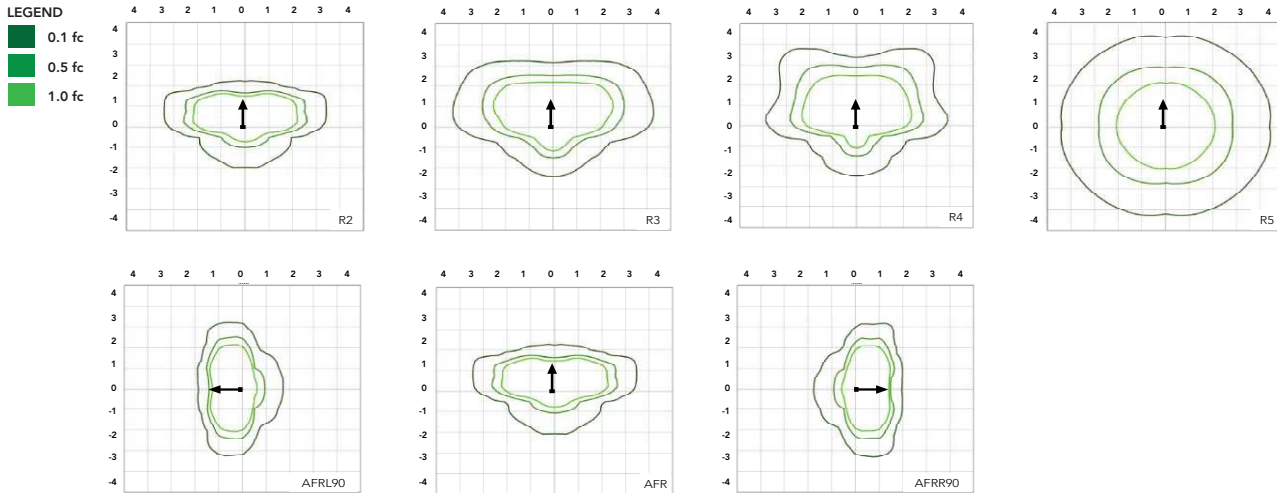
\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

| 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<br>AASP/AARP - Adjustable<br>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.



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSX1 LED P2 30K R4 MVOLT HS SPA NLTAIR2 PIRHN DDBXD

Type :  
**SL1**

## 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 |



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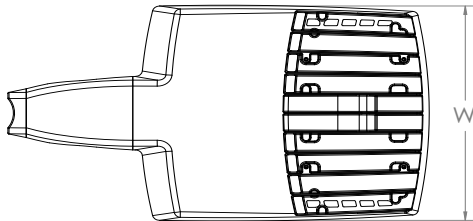
Lithonia RSX1 Area LED  
Rev. 06/27/23  
Page 4 of 9

## Dimensions & Weights

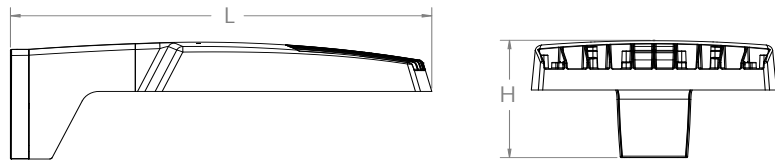
### Luminaire Weight by Mounting Type

| 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)



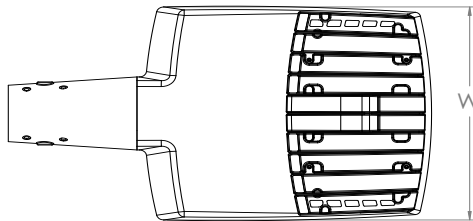
Length: 22.8" (57.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.4 cm) Arm



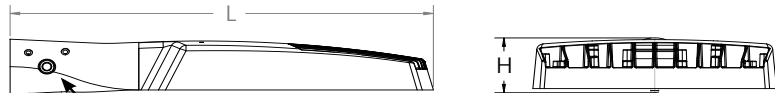
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



#### RSX1 with Mast Arm Adapter (MA)

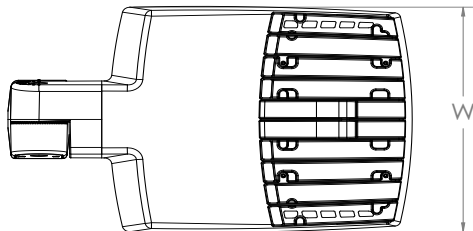


Length: 23.2" (59.1 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 3.5" (8.9 cm) Arm

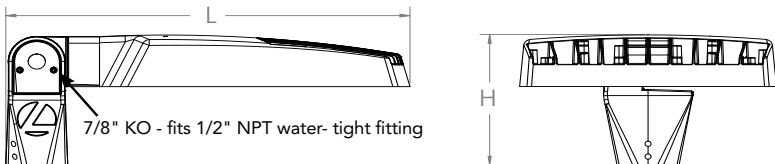


7/16" locking thru bolt/nut provided

#### 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

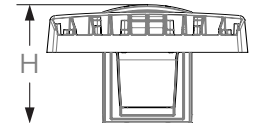
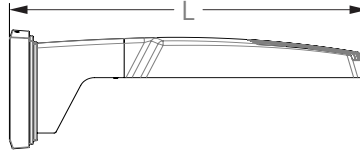
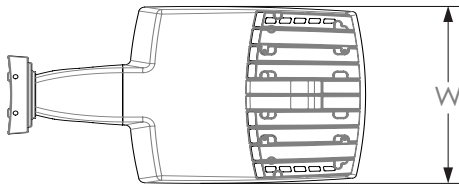


7/8" KO - fits 1/2" NPT water- tight fitting



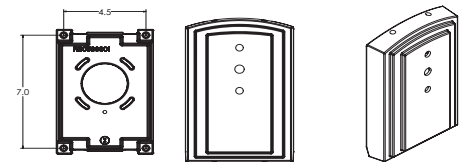
## Dimensions

### RSX1 with Wall Bracket (WBA)

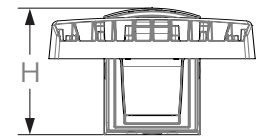
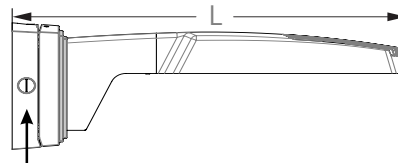
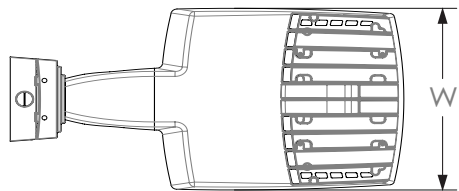


Length: 23.6" (59.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

### Wall Bracket (WBA) Mounting Detail



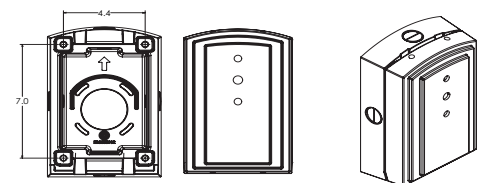
### RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



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

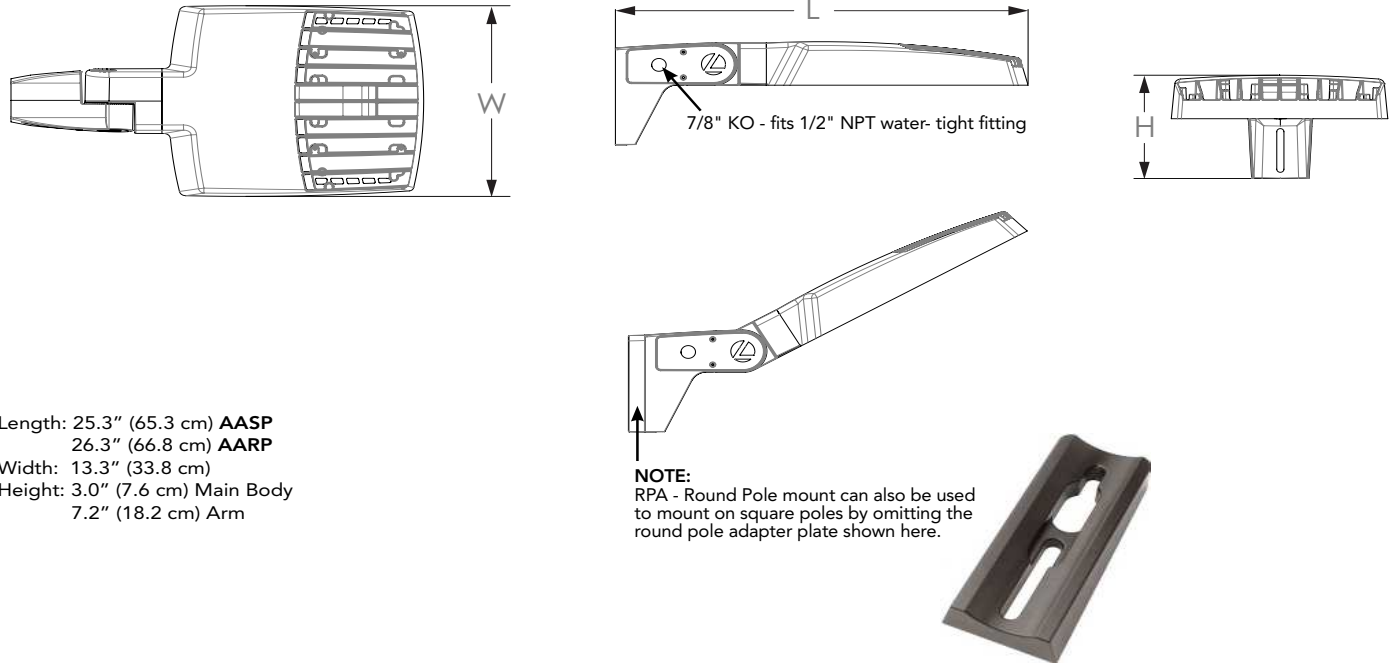
Length: 25.3" (64.3 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

### Surface Conduit Box (SCB) Mounting Detail



## Dimensions

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

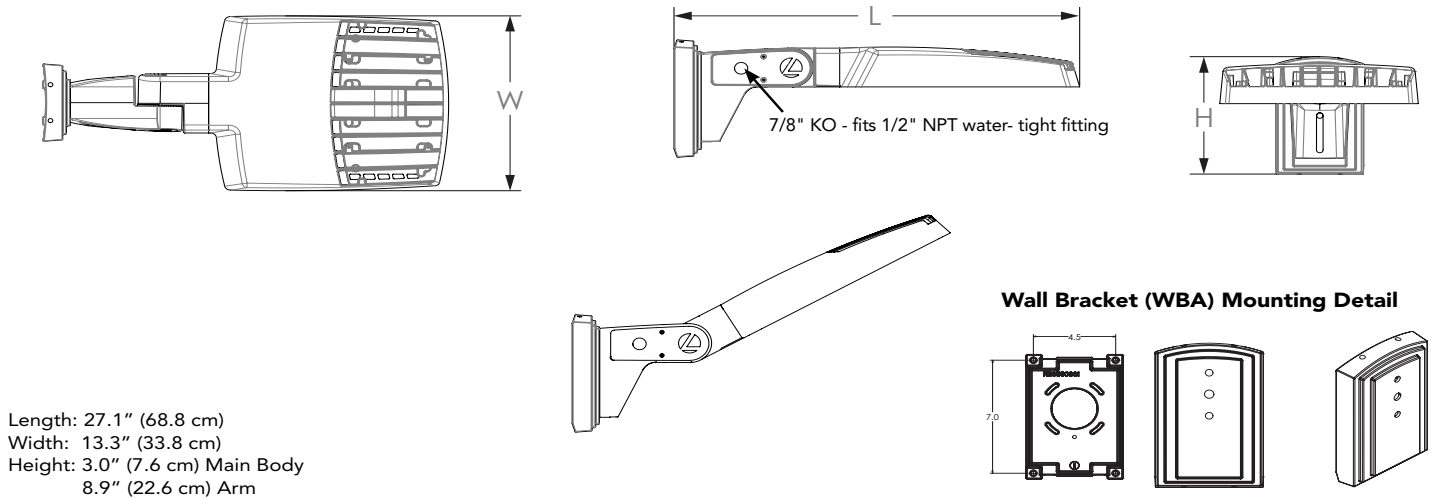


#### Notes

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

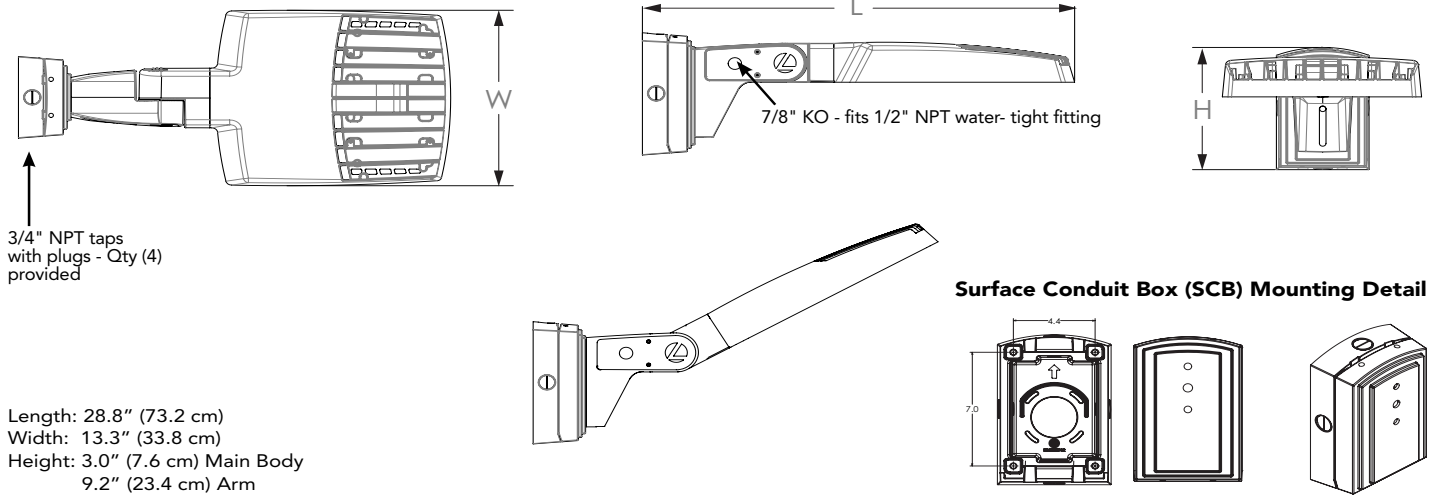
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

### RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)

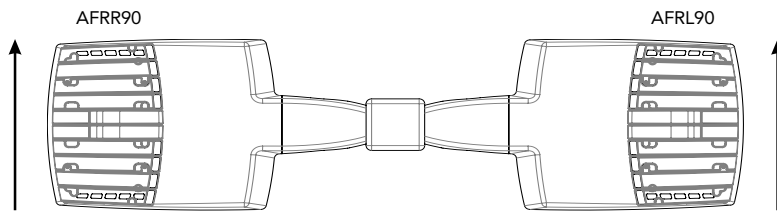


## Dimensions

### 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)

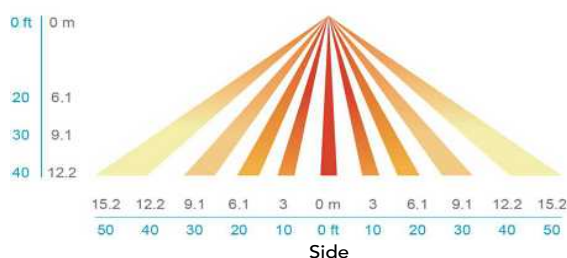
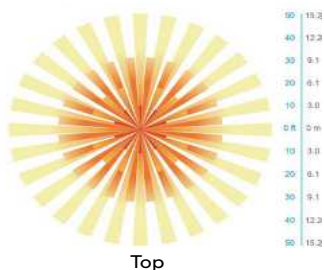
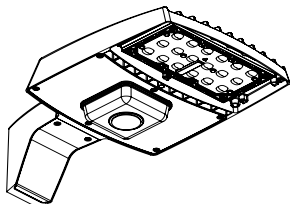


Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSX1 LED P2 30K R4 MVOLT HS SPA NLTAIR2 PIRHN DDBXD

Type :  
**SL1**

## 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 Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

## FEATURES & SPECIFICATIONS

### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The 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 1.5 G 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)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under superdurable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with crevice 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 AFR90 and ARFL90.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. 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 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, 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](http://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. 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](http://www.acuitybrands.com/buy-american) for additional information.

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

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

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



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Lithonia RSX1 Area LED  
Rev. 06/27/23  
Page 9 of 9



**Job Name :** Tens showclub Salisbury (Quote 24-79168-1)  
**Manufacturer :** ABL  
**Model Number :** SSS 20 4C DM19AS DDBXD

**Type :**  
**SL1**



## 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 5A and 5B 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](http://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](http://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**



OUTDOOR

POLE-SSS



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : SSS 20 4C DM19AS DDBXD

Type :  
**SL1**

## 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 DDBXD  |   |
|----------------------|---|--|---|--|--|--|---|
| SSS                  |   |  |   |  |  |  |   |
| Series               | Nominal fixture mounting height   | Nominal shaft base size/wall thickness <sup>2</sup>  | Mounting <sup>3</sup>   |  | Options  | Finish <sup>14</sup>   |   |
| SSS <sup>1</sup>     | 10'-39'<br>(for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.)<br><br>See technical information table for complete ordering information.)<br><br>20 | 4C 4" 11g (0.120")<br>4G 4" 7g (0.179")<br>5C 5" 11g (0.120")<br>5G 5" 7g (0.179")<br>6G 6" 7g (0.179")<br><br>See technical information table for complete ordering information.) | Tenon mounting<br><br>PT Open top (includes top cap)<br><br>T20 2-3/8" O.D. (2" NPS)<br><br>T25 2-7/8" O.D. (2-1/2" NPS)<br><br>T30 3-1/2" O.D. (3" NPS)<br><br>T35 4" O.D. (3-1/2" NPS)<br><br><u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting<sup>4</sup></u><br>DM19 1 at 90°<br>DM28 2 at 180°<br>DM28 PL 2 at 180° with one side plugged<br>DM29 2 at 90°<br>DM39 3 at 90°<br>DM49 4 at 90°<br><br><u>CSX/DSX/RSX/AERIS™/OMERO™/HLA/KAX Drill mounting<sup>4</sup></u><br>DM19AS 1 at 90°<br>DM28AS 2 at 180°<br>DM29AS 2 at 90°<br>DM39AS 3 at 90°<br>DM49AS 4 at 90°<br><br><u>RAD drill mounting<sup>4,5</sup></u><br>DM19RAD 1 at 90°<br>DM28RAD 2 at 180°<br>DM29RAD 2 at 90°<br>DM39RAD 3 at 90°<br>DM49RAD 4 at 90°<br><br><u>ESX Drill mounting<sup>4</sup></u><br>DM19ESX 1 at 90°<br>DM28ESX 2 at 180°<br>DM29ESX 2 at 90°<br>DM39ESX 3 at 90°<br>DM49ESX 4 at 90° |  | AERIS™ Suspend drill mounting <sup>5,6</sup><br>DM19AST 1 at 90°<br>DM28AST 2 at 180°<br>DM29AST 2 at 90°<br>DM39AST 3 at 90°<br>DM49AST 4 at 90°<br><br><u>OMERO™ Suspend drill mounting<sup>5,6</sup></u><br>DM19MRT 1 at 90°<br>DM28MRT 2 at 180°<br>DM29MRT 2 at 90°<br>DM39MRT 3 at 90°<br>DM49MRT 4 at 90° | Shipped installed<br>VD Vibration damper <sup>7</sup><br>HAxy Horizontal arm bracket (1 fixture) <sup>8,9</sup><br>FDLxy Festoon outlet less electrical <sup>8,10</sup><br>CPL12/xy 1/2" coupling <sup>8</sup><br>CPL34/xy 3/4" coupling <sup>8</sup><br>CPL1/xy 1" coupling <sup>8</sup><br>NPL12/xy 1/2" threaded nipple <sup>8</sup><br>NPL34/xy 3/4" threaded nipple <sup>8</sup><br>NPL1/xy 1" threaded nipple <sup>8</sup><br>EHHxy Extra handhole <sup>8,11</sup><br><br>STLHHC Steel handhole cover (standard is plastic, finish is smooth)<br>FBCSTL2PC 2 Piece steel base cover (standard is plastic)<br>IC Interior coating <sup>12</sup><br>L/AB Less anchor bolts (Include when anchor bolts are not needed)<br>TP Tamper resistant handhole cover fasteners<br>NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)<br>UL UL listed with label (Includes NEC compliant cover)<br>BAA Buy America(n) Act Compliant <sup>13</sup> | Super durable paint colors<br>DDBXD Dark bronze<br>DBLXD Black<br>DNAXD Natural aluminum<br>DWHXD White<br>DSSXD Sandstone<br>DGCXD Charcoal gray<br>DTGXD Tennis green<br>DBRXD Bright red<br>DSBXD Steel blue<br>DDBTXD Textured dark bronze<br>DBLBXD Textured black<br>DNATXD Textured natural aluminum<br>DWHGXD Textured white<br><u>Other finishes</u><br>GALV Galvanized finish<br><u>Architectural colors and special finishes</u><br>Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available. |

- NOTES:**
- Handhole covers (HHC), full base covers (FBC) and top caps (TC) shipped separately. No need to call out in nomenclature. For additional parts please order as replacements.
  - Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".
  - 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.
  - All RAD drilling's require a minimum top O.D. of 4".
  - Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
  - 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.
  - Specify location and orientation when ordering option.  
**For "x":** Specify the height above the base of pole in feet or 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.
  - FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
  - Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
  - Provides enhanced corrosion resistance.
  - Use when mill certifications are required.
  - Finish must be specified. Additional colors available; see Architectural Colors brochure linked [here](#) (Form No. 794.3). Lead times may be extended up to 2 weeks due to paint procurement.

|   |                            |
|---|----------------------------|
| <b>Accessories:</b> Order as separate catalog number. |                            |
| PL DT20   | Plugs for ESX drillings    |
| PL DT8  | Plugs for DMxxAS drillings |



POLE-SSS

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

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Rev. 01/31/23



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : SSS 20 4C DM19AS DDBXD

Type :  
**SL1**

## SSS Square Straight Steel Poles

| TECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) 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 <sup>2</sup> ) 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 11    | 4.7                                  | 150         | 2      | 50          | --      | --          | 10--12           | 1 x 36 x 4                  | 265                            |
| SSS 30 5G  | 30                          | 5.0 x 30.0                                 | 0.179"          | 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                                 | 0.179"          | 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                                 | 0.179"          | 7     | 5.9                                  | 150         | 2.5    | 100         | --      | --          | 10--12           | 1 x 36 x 4                  | 440                            |
| SSS 35 6G  | 35                          | 6.0 x 35.0                                 | 0.179"          | 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                                 | 0.179"          | 7     | 7.2                                  | 180         | 3      | 75          | --      | --          | 11--13           | 1 x 36 x 4                  | 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 (ft <sup>2</sup> ) 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

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

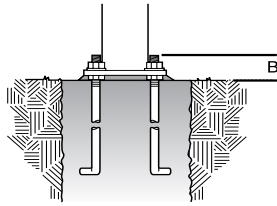
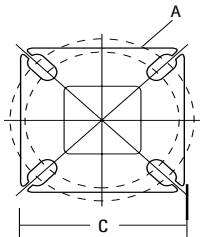
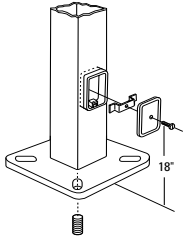
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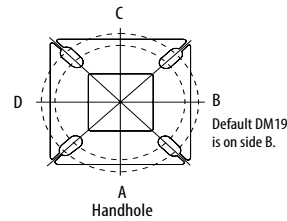
## SSS Square Straight Steel Poles

### BASE DETAIL



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

### HANDHOLE ORIENTATION



### 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.

**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.

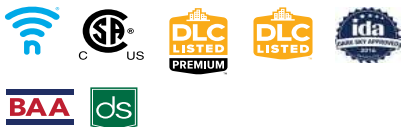


Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSXF1 LED P3 30K WFL MVOLT IS NLTAIR2 PIRHN DDBXD

Type :  
**FL1**



## RSXF1 LED Floodlight



|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

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

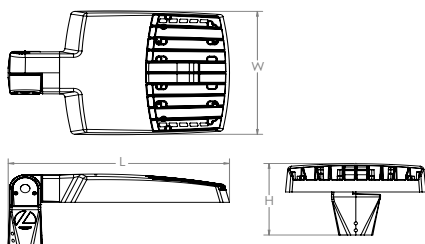
### Introduction

The new RSXF LED Flood family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSXF1 delivers 7,000 to 23,000 lumens allowing it to replace 70W to 400W HID floodlights.

The RSXF features an adjustable integral slipfitter that allows the luminaire to be mounted on a 2-3/8" OD tenon. Integral cover/wire box serves as an approved splice compartment allowing for fast, easy mounting and wiring without opening the electrical compartment. A yoke and other mounting configurations are available.

### Specifications

|                             |   |
|-----------------------------|---|
| EPA (ft <sup>2</sup> @45°): | 2.1 ft <sup>2</sup> (0.2 m <sup>2</sup> )     |
| Length:                     | 20.7" (52.6 cm)                               |
| Width:                      | 13.3" (33.8 cm)                               |
| Height:                     | 3.0" (7.6 cm) Main Body<br>7.6" (19.3 cm) Arm |
| Weight                      | 25 lbs (11.3 kg)                              |



**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](http://www.acuitybrands.com/designselect).  
\*See ordering tree for details

### Ordering Information

**EXAMPLE: RSXF1 LED P4 40K WFL MVOLT IS DDBXD**

| RSXF1 LED |   |                                     |  |  |   |
|-----------|---|-------------------------------------|--|--|---|
| Series    | Performance Package                     | Color Temperature                   | Distribution   | Voltage  | Mounting  |
| RSXF1 LED | P1<br>P2<br>P3<br>P4<br>P5 <sup>1</sup> | 30K 3000K<br>40K 4000K<br>50K 5000K | AWFD Area Wide Forward<br>WFL Wide Flood<br>MFL Medium Flood<br>NFL Narrow Flood<br>SP Spot<br>NSP Narrow Spot | MVOLT (120V-277V) <sup>2</sup><br>HVOLT (347V-480V) <sup>3</sup><br>XVOLT (277V-480V) <sup>4</sup><br>(use specific voltage for options as noted)<br>120 <sup>5</sup> 277 <sup>5</sup><br>208 <sup>5</sup> 347 <sup>5</sup><br>240 <sup>5</sup> 480 <sup>5</sup> | IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>6</sup><br>YKC62 Yoke with 16-3 SO cord, 2ft <sup>4</sup><br>AASP Adjustable tilt arm square pole mounting <sup>5</sup><br>AARP Adjustable tilt arm round pole mounting <sup>6</sup><br>AAWB Adjustable tilt arm with wall bracket <sup>6</sup><br>AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>6</sup> |

| Options  |   | Finish                           |
|--|---|----------------------------------|
| <b>Shipped Installed</b>   |   |                                  |
| PE   | Photocontrol, button style <sup>7,8</sup>   | DDBXD Dark Bronze                |
| PER7   | Seven-wire twist-lock receptacle only (no controls) <sup>8,9,10</sup>                                 | DBLXD Black                      |
| SF   | Single fuse (120, 277, 347) <sup>5</sup>  | DNAXD Natural Aluminum           |
| DF   | Double fuse (208, 240, 480) <sup>5</sup>  | DWHXD White                      |
| SPD20KV  | 20KV Surge pack (10KV standard)   | DDBTXD Textured Dark Bronze      |
| FAO  | Field adjustable output <sup>8</sup>  | DBLBXD Textured Black            |
| DMG  | 0-10V dimming extend out back of housing for external control (control ordered separate) <sup>8</sup> | DNATXD Textured Natural Aluminum |
|  |   | DWHGXD Textured White            |
| <b>Shipped Installed</b>   |   |                                  |
| <b>*Standalone and Networked Sensors/Controls (factory default settings, see table page 5)</b>   |   |                                  |
| NLTAIR2 PIRHN  | nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor <sup>8,11,12,13</sup>         |                                  |
| BAA  | Buy America(n) Act Compliant  |                                  |
| CCE  | Coastal Construction <sup>14</sup>  |                                  |
| <b>Shipped Separately (requires some field assembly)</b>   |   |                                  |
| FV   | Full Visor (360° around light aperture) <sup>15</sup>   |                                  |
| UBV  | Upper/bottom visor <sup>15</sup>  |                                  |
| BS   | Bird Spikes <sup>16</sup>   |                                  |
| <b>*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.</b> |   |                                  |



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Lithonia RSXF1 Flood LED  
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Page 1 of 8



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSXF1 LED P3 30K WFL MVOLT IS NLTAIR2 PIRHN DDBXD

Type :  
**FL1**

## Ordering Information

### Accessories

Ordered and shipped separately.

|                    |  |
|--------------------|--|
| RSXF1FV U          | Full visor (specify finish)  |
| RSXF1UBV U         | Upper/bottom visor (specify finish)  |
| RSXWBA U           | RSX WBA wall bracket (specify finish)  |
| RSXSCB U           | RSX Surface conduit box (specify finish, for use with WBA, WBA not included) |
| DLL127F 1.5 JU     | Photocell - SSL twist-lock (120-277V) <sup>17</sup>                          |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) <sup>17</sup>                              |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) <sup>17</sup>                              |
| DSHORT SBK U       | Shorting cap <sup>17</sup>   |

### NOTES

- P5 not available with MFL optic.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1 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.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- Requires MOVLT or 347V.
- 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.)
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.

- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on NLTAIR visit [here](#).
- CCE option not available with AASP, AARP, AAWB, AAWBSC, UVB, FV and BS.
- It may be ordered as an accessory.
- Option BS must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

## External Shields



UBV Visor - Top Mounted



UBV Visor - Bottom Mounted

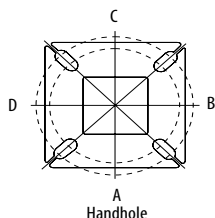


Full Visor - 360°

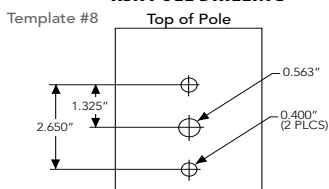
## Pole/Mounting Information

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](#).

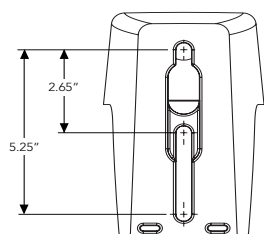
### HANDHOLE ORIENTATION



### RSX POLE DRILLING



### RSXF ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters

| Tenon O.D. | RSX Mounting | Single    | 2 @ 180   | 2 @ 90    | 3 @ 120   | 3 @ 90    | 4 @ 90    |
|------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 - 3/8"   | AARP         | AS3-5 190 | AS3-5 280 | AS3-5 290 | AS3-5 320 | AS3-5 390 | AS3-5 490 |
| 2 - 7/8"   | AARP         | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4"         | 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           |
|-------------------|--------------------|--------|------------|------------|-----------------|---------------|------------------|
| #8                | Head Location      | Side B | Side B & D | Side B & C | Round Pole Only | Side B, C & D | Side A, B, C & D |
|                   | Drill Nomenclature | DM19AS | DM28AS     | DM29AS     | DM32AS          | DM39AS        | DM49AS           |

### Minimum Size Pole by Mounting and Configuration Type

| Drilling Template | Mounting Option             | Single | 2 @ 180 | 2 @ 90 | 3 @ 120 | 3 @ 90 | 4 @ 90 |
|-------------------|-----------------------------|--------|---------|--------|---------|--------|--------|
| AASP              | Square Pole (min. size)     | 3"     | 3.5"    | 3.5"   | ---     | 3.5"   | 3.5"   |
| AARP              | Round Pole (min. size DIA.) | 3"     | 3"      | 3.2"   | 3"      | 3.2"   | 3.2"   |

### RSXF1 - 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   |      | EPA (ft <sup>2</sup> ) |        |         |        |         |        |                |                |
|---|------|------------------------|--------|---------|--------|---------|--------|----------------|----------------|
|   |      | Single                 | 2 @ 90 | 2 @ 180 | 3 @ 90 | 3 @ 120 | 4 @ 90 | 2 Side by Side | 3 Side by Side |
| Mounting Type   | Tilt |                        |        |         |        |         |        |                |                |
| IS - Integral Slipfitter<br>YK - Yoke<br>AASP/AARP - Adjustable Arm Square/Round Pole | 0°   | 0.57                   | 1.03   | 1.05    | 1.52   | 1.36    | 2.03   | 1.31           | 1.7            |
|   | 10°  | 0.68                   | 1.34   | 1.33    | 2      | 1.74    | 2.64   | 1.35           | 2.03           |
|   | 20°  | 0.87                   | 1.71   | 1.73    | 2.56   | 2.26    | 3.42   | 1.75           | 2.62           |
|   | 30°  | 1.24                   | 2.19   | 2.3     | 3.21   | 2.87    | 4.36   | 2.49           | 3.73           |
|   | 40°  | 1.81                   | 2.68   | 2.98    | 3.85   | 3.68    | 5.3    | 3.62           | 5.43           |
|   | 45°  | 2.11                   | 2.92   | 3.44    | 4.2    | 4.08    | 5.77   | 4.22           | 6.33           |
|   | 50°  | 2.31                   | 3.17   | 3.72    | 4.52   | 4.44    | 6.26   | 4.62           | 6.94           |
|   | 60°  | 2.71                   | 3.66   | 4.38    | 5.21   | 5.15    | 7.24   | 5.43           | 8.14           |
|   | 70°  | 2.78                   | 3.98   | 4.54    | 5.67   | 5.47    | 7.91   | 5.52           | 8.27           |
|   | 80°  | 2.76                   | 4.18   | 4.62    | 5.97   | 5.76    | 8.31   | 5.51           | 8.27           |
|   | 90°  | 2.73                   | 4.25   | 4.64    | 6.11   | 5.91    | 8.47   | 5.45           | 8.18           |



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## Photometric Diagrams

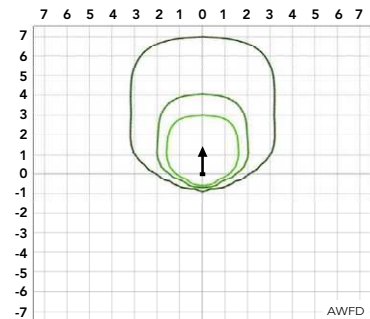
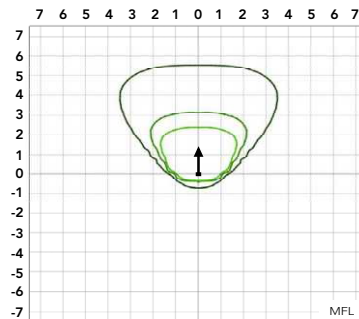
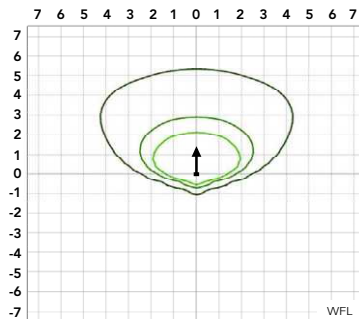
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSXF1 LED P4 40K. Distances are in units of mounting height (20').

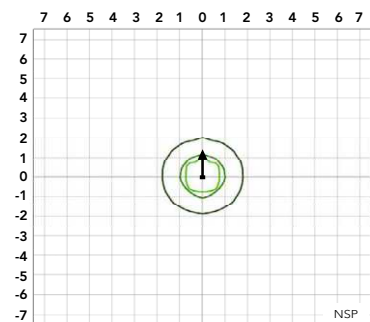
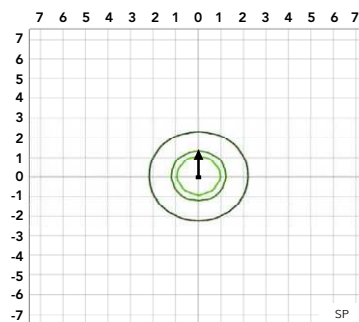
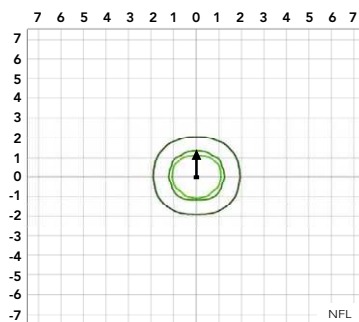
### LEGEND



Luminaires tilted at 45°



Luminaires tilted at 0°





Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSXF1 LED P3 30K WFL MVOLT IS NLTAIR2 PIRHN DDBXD

Type :  
**FL1**

## 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 |
| P5                  | 164W             | 1.49        | 0.86 | 0.72 | 0.62 | 0.51 | 0.37 |

### 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 | Field Angle |     | Beam Angle |    | 30K (3000K, 70 CRI) |     |         | 40K (4000K, 70 CRI) |     |         | 50K (5000K, 70 CRI) |     |         |
|---------------------|--------------|-------------------|-------------|-----|------------|----|---------------------|-----|---------|---------------------|-----|---------|---------------------|-----|---------|
|                     |              |                   | °H          | °V  | °H         | °V | Lumens              | LPW | Max CD  | Lumens              | LPW | Max CD  | Lumens              | LPW | Max CD  |
| P1                  | 51W          | AWFD              | 119         | 120 | 69         | 41 | 6,660               | 131 | 5,455   | 7,318               | 143 | 5,994   | 7,318               | 143 | 5,994   |
|                     |              | WFL               | 133         | 129 | 116        | 80 | 6,525               | 128 | 2,778   | 7,169               | 141 | 3,052   | 7,169               | 141 | 3,052   |
|                     |              | MFL               | 105         | 110 | 91         | 96 | 6,805               | 133 | 3,089   | 7,477               | 147 | 3,394   | 7,477               | 147 | 3,394   |
|                     |              | NFL               | 78          | 79  | 44         | 45 | 6,568               | 129 | 9,712   | 7,216               | 141 | 10,670  | 7,216               | 141 | 10,670  |
|                     |              | SP                | 48          | 48  | 27         | 27 | 6,357               | 125 | 20,249  | 6,984               | 137 | 22,246  | 6,984               | 137 | 22,246  |
|                     |              | NSP               | 42          | 44  | 19         | 21 | 6,469               | 127 | 34,157  | 7,107               | 139 | 37,525  | 7,107               | 139 | 37,525  |
| P2                  | 72W          | AWFD              | 119         | 120 | 69         | 41 | 9,235               | 128 | 7,565   | 10,146              | 141 | 8,311   | 10,146              | 141 | 8,311   |
|                     |              | WFL               | 133         | 129 | 116        | 80 | 9,048               | 126 | 3,852   | 9,941               | 138 | 4,232   | 9,941               | 138 | 4,232   |
|                     |              | MFL               | 105         | 110 | 91         | 96 | 9,436               | 131 | 4,284   | 10,367              | 144 | 4,707   | 10,367              | 144 | 4,707   |
|                     |              | NFL               | 78          | 79  | 44         | 45 | 9,107               | 126 | 13,466  | 10,006              | 139 | 14,795  | 10,006              | 139 | 14,795  |
|                     |              | SP                | 48          | 48  | 27         | 27 | 8,814               | 122 | 28,076  | 9,684               | 135 | 30,847  | 9,684               | 135 | 30,847  |
|                     |              | NSP               | 42          | 44  | 19         | 21 | 8,969               | 125 | 47,357  | 9,854               | 137 | 52,030  | 9,854               | 137 | 52,030  |
| P3                  | 109W         | AWFD              | 119         | 120 | 69         | 41 | 13,149              | 121 | 10,771  | 14,447              | 133 | 11,834  | 14,447              | 133 | 11,834  |
|                     |              | WFL               | 133         | 129 | 116        | 80 | 12,883              | 118 | 5,485   | 14,154              | 130 | 6,026   | 14,154              | 130 | 6,026   |
|                     |              | MFL               | 105         | 110 | 91         | 96 | 13,435              | 123 | 6,099   | 14,761              | 135 | 6,701   | 14,761              | 135 | 6,701   |
|                     |              | NFL               | 78          | 79  | 44         | 45 | 12,967              | 119 | 19,174  | 14,247              | 131 | 21,066  | 14,247              | 131 | 21,066  |
|                     |              | SP                | 48          | 48  | 27         | 27 | 12,550              | 115 | 39,976  | 13,789              | 127 | 43,923  | 13,789              | 127 | 43,923  |
|                     |              | NSP               | 42          | 44  | 19         | 21 | 12,771              | 117 | 67,432  | 14,031              | 129 | 74,085  | 14,031              | 129 | 74,085  |
| P4                  | 133W         | AWFD              | 119         | 120 | 69         | 41 | 15,279              | 115 | 12,515  | 16,786              | 126 | 13,750  | 16,786              | 126 | 13,750  |
|                     |              | WFL               | 133         | 129 | 116        | 80 | 14,969              | 113 | 6,373   | 16,446              | 124 | 7,002   | 16,446              | 124 | 7,002   |
|                     |              | MFL               | 105         | 110 | 91         | 96 | 15,611              | 117 | 7,087   | 17,151              | 129 | 7,786   | 17,151              | 129 | 7,786   |
|                     |              | NFL               | 78          | 79  | 44         | 45 | 15,067              | 113 | 22,279  | 16,554              | 124 | 24,478  | 16,554              | 124 | 24,478  |
|                     |              | SP                | 48          | 48  | 27         | 27 | 14,583              | 110 | 46,452  | 16,022              | 120 | 51,036  | 16,022              | 120 | 51,036  |
|                     |              | NSP               | 42          | 44  | 19         | 21 | 14,839              | 112 | 78,351  | 16,304              | 123 | 86,086  | 16,304              | 123 | 86,086  |
| P5                  | 164W         | AWFD              | 119         | 120 | 69         | 41 | 21,338              | 130 | 17,479  | 23,389              | 143 | 19,158  | 23,389              | 143 | 19,158  |
|                     |              | WFL               | 133         | 129 | 116        | 80 | 20,890              | 127 | 8,893   | 22,897              | 140 | 9,748   | 22,897              | 140 | 9,748   |
|                     |              | NFL               | 78          | 79  | 44         | 45 | 21,013              | 128 | 31,070  | 23,032              | 140 | 34,055  | 23,032              | 140 | 34,055  |
|                     |              | SP                | 48          | 48  | 27         | 27 | 20,467              | 125 | 65,194  | 22,433              | 137 | 71,458  | 22,433              | 137 | 71,458  |
|                     |              | NSP               | 42          | 44  | 19         | 21 | 20,707              | 126 | 109,337 | 22,697              | 138 | 119,843 | 22,697              | 138 | 119,843 |



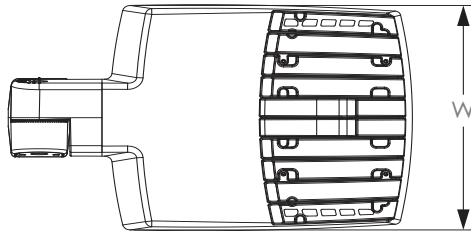
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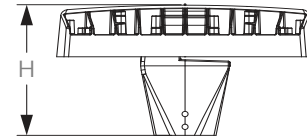
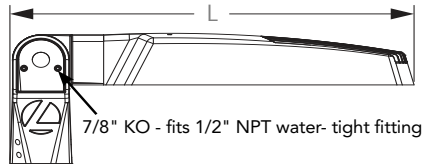
Lithonia RSXF1 Flood LED  
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## Dimensions

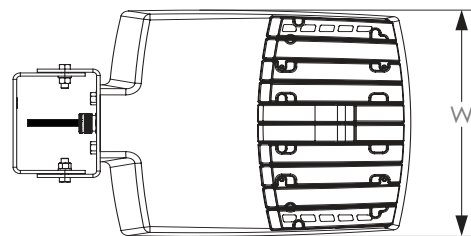
### RSXF1 with Adjustable Slipfitter (IS)



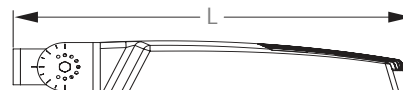
Length: 20.7" (52.7 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.6" (19.3 cm) Arm  
 Weight: 25 lbs (11.3 kg)



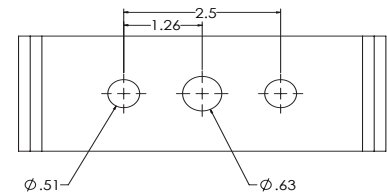
### RSXF1 with Yoke (YKC62)



Length: 20.5" (52.1 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 Weight: 22 lbs (10.0 kg)

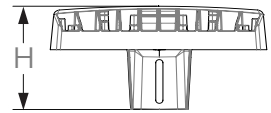
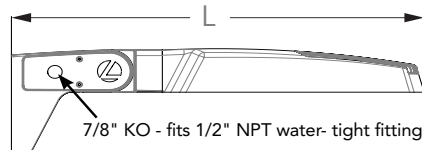
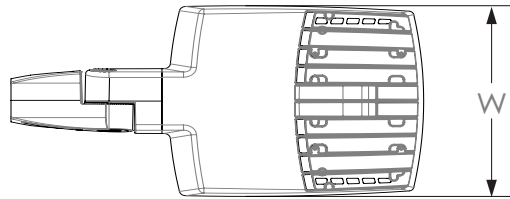


### Yoke (YK) Mounting Detail

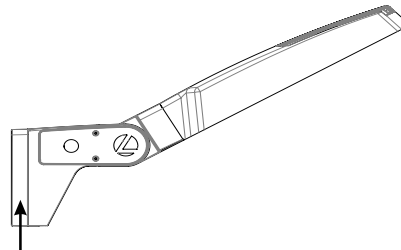


## Dimensions

### RSXF1 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  
 Weight: 25 lbs (11.3 kg) **AASP**  
 27 lbs (12.2 kg) **AARP**



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

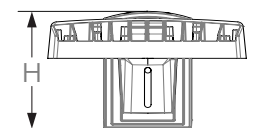
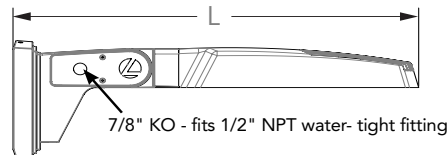
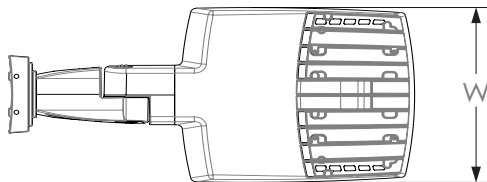


#### Notes

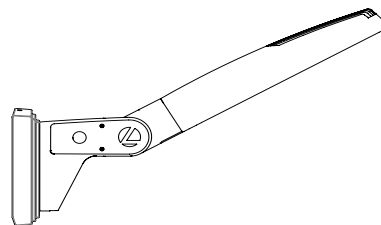
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

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

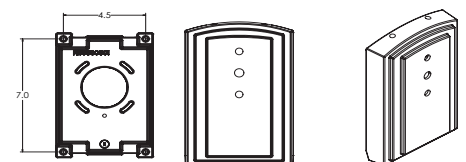
### RSXF1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



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  
 Weight: 28 lbs (12.7 kg)



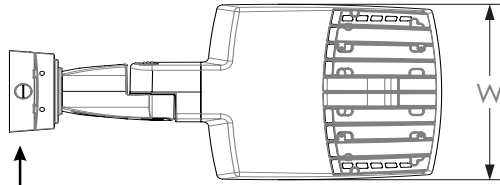
#### Wall Bracket (WBA) Mounting Detail



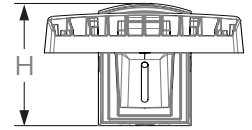
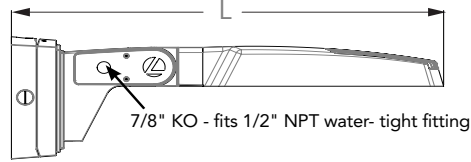


## Dimensions

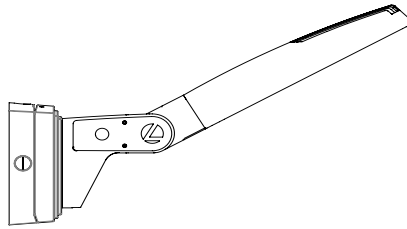
### RSXF1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



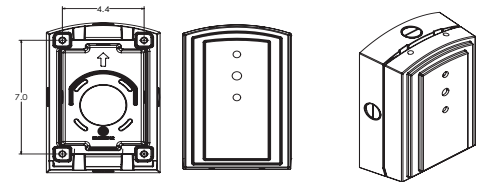
3/4" NPT taps  
 with plugs - Qty (4)  
 provided



Length: 28.8" (73.2 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm  
 Weight: 31 lbs (14.1 kg)



### Surface Conduit Box (SCB) Mounting Detail



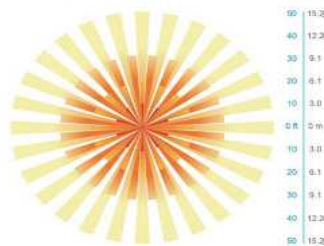
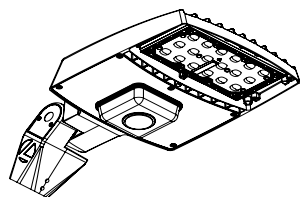


Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : RSXF1 LED P3 30K WFL MVOLT IS NLTAIR2 PIRHN DDBXD

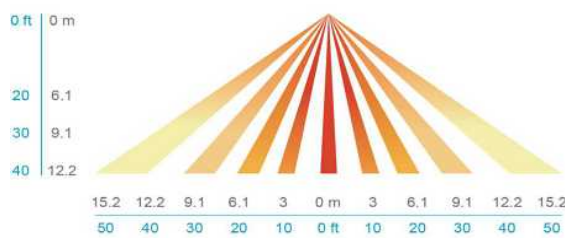
Type :  
**FL1**

## nLight Control - Sensor Coverage and Settings

### PIRHN nLight Sensor Coverage Pattern nLight PIRHN



Top



Side

| 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: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App.

## FEATURES & SPECIFICATIONS

### INTENDED USE

The RSX LED flood 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 RSXF1 delivers 7,000 to with 23,000 lumens and is ideal for replacing 70W to 400W HID floodlights in parking lots and other area lighting applications.

### CONSTRUCTION

The RSX LED flood 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 adjustable slipfitter mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box for easy installation. 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 136.31: RSXF and mountings rated for 3G vibration include IS, YK, AASP and AARP. RSXF and mountings rated for 1.5G vibration include AAWB and AAWSC.

### 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.

### 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.

### 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 Wide Flood, Medium Flood, Narrow Flood, Spot, Narrow Spot and an Area Wide/Forward distribution pattern featuring a strong forward throw reach that is ideal for lighting large areas from the perimeter.

### 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 flood luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocell and NEMA twist-lock photocell receptacles.

### nLIGHT AIR CONTROLS

The RSXF LED flood luminaire is also available with nLight® AIR which can be used for simple motion occupancy dimming or 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

The integral "IS" mount offers an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation, wiring and precision distribution pattern aiming. A steel yoke mount is also available and includes a water-tight cord grip and cord. Additional mountings are available including an adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications. All mountings are adjustable in 5° increments. RSXF 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. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified. 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. D882,156S

### BUY AMERICAN ACT

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

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

### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

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

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



COMMERCIAL OUTDOOR

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Lithonia RSXF1 Flood LED  
Rev. 04/20/23  
Page 8 of 8



**Job Name :** Tens showclub Salisbury (Quote 24-79168-1)  
**Manufacturer :** ABL  
**Model Number :** SSS 12 4C DM19AS DDBXD

**Type :**  
**FL1**



## 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 5A and 5B 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](http://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](http://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**



OUTDOOR

POLE-SSS



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : SSS 12 4C DM19AS DDBXD

Type :  
**FL1**

## 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 DDBXD  |  |
|----------------------|---|--|--|--|--|--|--|
| SSS                  |   |  |  |  |  |  |  |
| Series               | Nominal fixture mounting height   | Nominal shaft base size/wall thickness <sup>2</sup>  | Mounting <sup>3</sup>  |  | Options  | Finish <sup>14</sup>   |  |
| SSS <sup>1</sup>     | 10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.)<br><br>See technical information table for complete ordering information.)<br><br><b>12</b> | 4C 4" 11g (0.120")<br>4G 4" 7g (0.179")<br>5C 5" 11g (0.120")<br>5G 5" 7g (0.179")<br>6G 6" 7g (0.179")<br><br>See technical information table for complete ordering information.) | Tenon mounting<br>PT Open top (includes top cap)<br>T20 2-3/8" O.D. (2" NPS)<br>T25 2-7/8" O.D. (2-1/2" NPS)<br>T30 3-1/2" O.D. (3" NPS)<br>T35 4" O.D. (3-1/2" NPS)<br><u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting<sup>4</sup></u><br>DM19 1 at 90°<br>DM28 2 at 180°<br>DM28 PL 2 at 180° with one side plugged<br>DM29 2 at 90°<br>DM39 3 at 90°<br>DM49 4 at 90°<br><u>CSX/DSX/RXS/AERIS™/OMERO™/HLA/KAX Drill mounting<sup>4</sup></u><br><b>DM19AS 1 at 90°</b><br>DM28AS 2 at 180°<br>DM29AS 2 at 90°<br>DM39AS 3 at 90°<br>DM49AS 4 at 90°<br><u>RAD drill mounting<sup>4,5</sup></u><br>DM19RAD 1 at 90°<br>DM28RAD 2 at 180°<br>DM29RAD 2 at 90°<br>DM39RAD 3 at 90°<br>DM49RAD 4 at 90°<br><u>ESX Drill mounting<sup>4</sup></u><br>DM19ESX 1 at 90°<br>DM28ESX 2 at 180°<br>DM29ESX 2 at 90°<br>DM39ESX 3 at 90°<br>DM49ESX 4 at 90° | AERIS™ Suspend drill mounting <sup>4,6</sup><br>DM19AST 1 at 90°<br>DM28AST 2 at 180°<br>DM29AST 2 at 90°<br>DM39AST 3 at 90°<br>DM49AST 4 at 90°<br><u>OMERO™ Suspend drill mounting<sup>4,6</sup></u><br>DM19MRT 1 at 90°<br>DM28MRT 2 at 180°<br>DM29MRT 2 at 90°<br>DM39MRT 3 at 90°<br>DM49MRT 4 at 90° | Shipped installed<br>VD Vibration damper <sup>7</sup><br>HAxy Horizontal arm bracket (1 fixture) <sup>8,9</sup><br>FDLxy Festoon outlet less electrical <sup>8,10</sup><br>CPL12/xy 1/2" coupling <sup>8</sup><br>CPL34/xy 3/4" coupling <sup>8</sup><br>CPL1/xy 1" coupling <sup>8</sup><br>NPL12/xy 1/2" threaded nipple <sup>8</sup><br>NPL34/xy 3/4" threaded nipple <sup>8</sup><br>NPL1/xy 1" threaded nipple <sup>8</sup><br>EHHxy Extra handhole <sup>8,11</sup><br><br>STLHHC Steel handhole cover (standard is plastic, finish is smooth)<br>FBCSTL2PC 2 Piece steel base cover (standard is plastic)<br>IC Interior coating <sup>12</sup><br>L/AB Less anchor bolts (Include when anchor bolts are not needed)<br>TP Tamper resistant handhole cover fasteners<br>NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)<br>UL UL listed with label (Includes NEC compliant cover)<br>BAA Buy America(n) Act Compliant <sup>13</sup> | Super durable paint colors<br><b>DDBXD Dark bronze</b><br>DBLXD Black<br>DNAXD Natural aluminum<br>DWHXD White<br>DSSXD Sandstone<br>DGCXD Charcoal gray<br>DTGXD Tennis green<br>DBRXD Bright red<br>DSBXD Steel blue<br>DDBTXD Textured dark bronze<br>DBLBXD Textured black<br>DNATXD Textured natural aluminum<br>DWHGXD Textured white<br><u>Other finishes</u><br>GALV Galvanized finish<br><u>Architectural colors and special finishes</u><br>Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available. |  |

- NOTES:**
- Handhole covers (HHC), full base covers (FBC) and top caps (TC) shipped separately. No need to call out in nomenclature. For additional parts please order as replacements.
  - Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".
  - 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.
  - All RAD drilling's require a minimum top O.D. of 4".
  - Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
  - 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.
  - Specify location and orientation when ordering option.  
**For "x":** Specify the height above the base of pole in feet or 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.
  - FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
  - Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
  - Provides enhanced corrosion resistance.
  - Use when mill certifications are required.
  - Finish must be specified. Additional colors available; see Architectural Colors brochure linked [here](#) (Form No. 794.3). Lead times may be extended up to 2 weeks due to paint procurement.

|   |                            |
|---|----------------------------|
| <b>Accessories:</b> Order as separate catalog number. |                            |
| PL DT20   | Plugs for ESX drillings    |
| PL DT8  | Plugs for DMxxAS drillings |



POLE-SSS

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

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Rev. 01/31/23



Job Name : Tens showclub Salisbury (Quote 24-79168-1)  
Manufacturer : ABL  
Model Number : SSS 12 4C DM19AS DDBXD

Type :  
**FL1**

## SSS Square Straight Steel Poles

| TECHNICAL INFORMATION — EPA (ft <sup>2</sup> ) 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 <sup>2</sup> ) 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 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                                 | 0.179"          | 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                                 | 0.179"          | 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                                 | 0.120"          | 11    | 4.7                                  | 150         | 2      | 50          | --      | --          | 10--12           | 1 x 36 x 4                  | 265                            |
| SSS 30 5G  | 30                          | 5.0 x 30.0                                 | 0.179"          | 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                                 | 0.179"          | 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                                 | 0.179"          | 7     | 5.9                                  | 150         | 2.5    | 100         | --      | --          | 10--12           | 1 x 36 x 4                  | 440                            |
| SSS 35 6G  | 35                          | 6.0 x 35.0                                 | 0.179"          | 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                                 | 0.179"          | 7     | 7.2                                  | 180         | 3      | 75          | --      | --          | 11--13           | 1 x 36 x 4                  | 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 (ft <sup>2</sup> ) 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

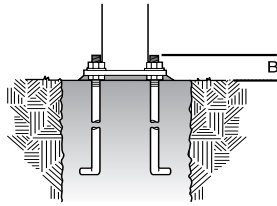
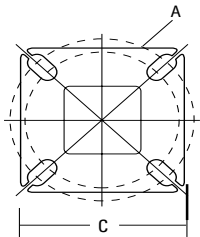
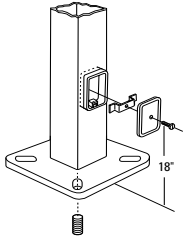
OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Rev. 01/31/23

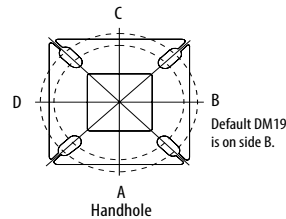
## SSS Square Straight Steel Poles

### BASE DETAIL



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

### HANDHOLE ORIENTATION



### 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.

**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.



## HYDRA STL Series 120V Exterior LED Light String

### Features

- Ideal for decorative lighting above patios, walkways and plazas
- Includes replaceable 120V medium-base LED lamps
- Available with 1800K clear lamps, 2000K clear lamps, 2700K clear lamps or 2700K frosted lamps
- Consumes only 2W per lamp
- Standard 12", 18" or 24" lamp spacing (Consult factory for custom spacing)
- Black phenolic medium base socket, rated 250V 60W
- Black PVC insulated 12 AWG stranded copper wires, rated 150V
- 0.0625" Galvanized steel aircraft cable, tensile strength of 480 lbs.
- ETL Listed for wet location
- Maximum 500 feet per circuit based on 12" lamp spacing.
- Intended for lamp-down applications only

### GAMMA Lamp Features

#### Physical Construction

- Lamp size is comparable to G16.5 bulb
- E26 base retrofits into standard medium base lampholders
- Available with clear glass or frosted glass
- Consult factory for shatter proof coating

#### Optical Characteristics

- 1800K clear lamp emulates filament bulb (160 lumens)
- 2700K frosted lamp emulates standard light bulb (180 lumens)
- Tight color-binning of LEDs ensures uniformity of color
- Emits no UV or IR

#### Electrical Specifications

- Consumes only 2W per lamp
- Runs on 120V
- Dimmable to 25% using standard incandescent dimmers

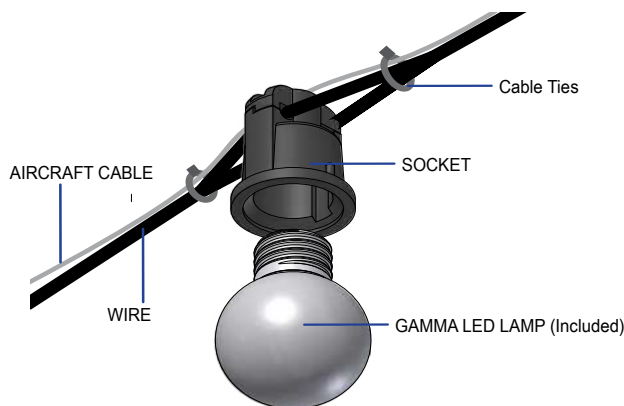
#### Heat Management and Rated Life

- Built-in heat sink effectively protects LEDs
- Rated life is 25,000 hours, with 70% lumen maintenance, when used in normal environmental conditions
- Long life results in low maintenance and replacement costs
- Produces no radiant heat; optimal for heat-sensitive applications

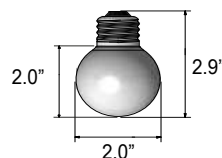
#### Light String Weight (per foot including light string and LED lamp)

| Socket Spacing | Weight               |
|----------------|----------------------|
| 12" on center  | 0.18 lbs. / 3.00 oz. |
| 18" on center  | 0.15 lbs. / 2.33 oz  |
| 24" on center  | 0.13 lbs. / 2.00 oz  |

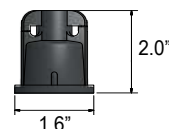
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 Contractor: \_\_\_\_\_ Sheet: \_\_\_\_\_



#### GAMMA LED Lamp Detail



#### Socket Detail



#### Footcandle Summary (Based on one Gamma LED lamp)

##### 1800K Clear Lamp

| distance | fc   |
|----------|------|
| 12"      | 5.53 |
| 24"      | 2.46 |
| 36"      | 1.43 |
| 48"      | 0.91 |
| 60"      | 0.65 |
| 72"      | 0.49 |
| 84"      | 0.38 |
| 96"      | 0.31 |

##### 2000K Clear Lamp

| distance | fc   |
|----------|------|
| 12"      | 5.65 |
| 24"      | 2.12 |
| 36"      | 1.00 |
| 48"      | 0.59 |
| 60"      | 0.40 |
| 72"      | 0.30 |
| 84"      | 0.26 |
| 96"      | 0.24 |

##### 2700K Clear Lamp

| distance | fc   |
|----------|------|
| 12"      | 5.95 |
| 24"      | 2.05 |
| 36"      | 1.02 |
| 48"      | 0.62 |
| 60"      | 0.43 |
| 72"      | 0.32 |
| 84"      | 0.26 |
| 96"      | 0.25 |

##### 2700K Frosted Lamp

| distance | fc    |
|----------|-------|
| 12"      | 10.40 |
| 24"      | 3.91  |
| 36"      | 2.08  |
| 48"      | 1.28  |
| 60"      | 0.89  |
| 72"      | 0.66  |
| 84"      | 0.50  |
| 96"      | 0.42  |

#### How to Specify HYDRA STL Series

|                         |                              |   |                                    |
|-------------------------|------------------------------|---|------------------------------------|
| <b>HYA - STL - AC -</b> |                              | - |                                    |
|                         | <b>GAMMA LED Lamp</b>        |   | <b>Socket Spacing</b>              |
|                         | GC18 1800K LED clear globe   |   | 12 12" on center                   |
|                         | GC20 2000K LED clear globe   |   | 18 18" on center                   |
|                         | GC27 2700K LED clear globe   |   | 24 24" on center                   |
| <b>Example</b>          | GF27 2700K LED frosted globe |   | Consult factory for custom spacing |
| <b>HYA - STL - AC -</b> | <b>GC18</b>                  | - | <b>24</b>                          |





## Accessories

### Aircraft Cable

(STL-AC)

Aircraft Cable is included up to the total length of HYDRA STL ordered. If extra cable is needed, order STL-AC with desired length.  
 Diameter of 0.0625"



### Cable Ties

(STL-CT)

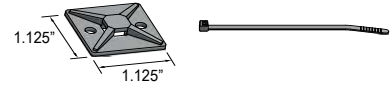
Order at least one per 6ft of HYDRA STL if mounting with drop to aircraft cable. Order at least two per socket if mounting with no drop to aircraft cable.



### Mounting Plate with Cable Tie

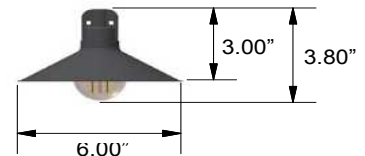
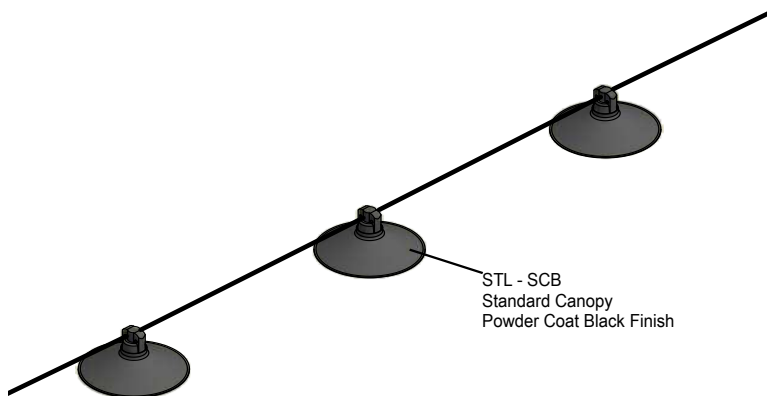
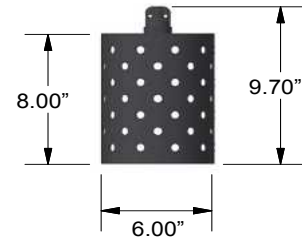
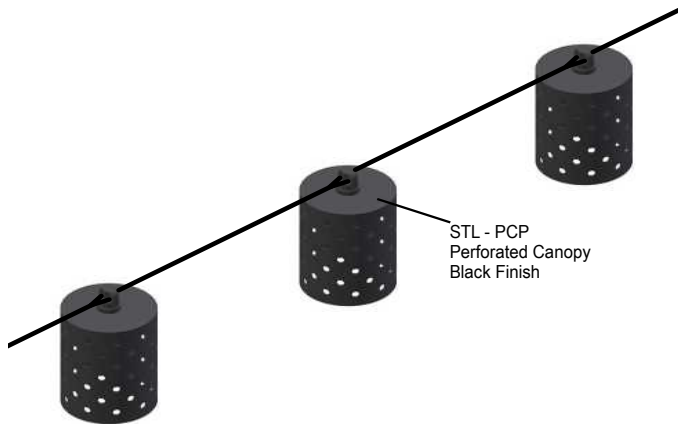
(STL-MC)

Order at least one set per 6ft of HYDRA STL when mounting to flat surface.



## Lamp Accessories

Lamp accessories are assembled at factory and must be specified when ordering



Attachment E



Attachment F



