



Specification grade area lights available with IES Type III distribution. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Patent pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 32.0 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 105W   |
| 120V:        | N/A              | Color Temp:     | 4000K  |
| 208V:        | 0.58A            | Color Accuracy: | 82 CRI |
| 240V:        | 0.50A            | L70 Lifespan:   | 100000 |
| 277V:        | 0.44A            | Lumens:         | 7,604  |
| Input Watts: | 106W             | Efficacy:       | 72 LPW |
| Efficiency:  | 99%              |                 |        |

## Technical Specifications

### Electrical

#### Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

#### Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

#### THD:

7.9% at 120V, 16.8% at 277V

#### Surge Protection:

4kV

### Listings

#### UL Listing:

Suitable for wet locations.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

#### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### LEDs:

Multi-chip, high-output, long-life LEDs

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

### Construction

#### IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

#### Effective Projected Area:

EPA = 0.75

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm.

#### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Other

#### California Title 24:

ALED3T105/PCS2 with the swivel photocell (277V) option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts at mounting heights greater than 24 feet.

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## Technical Specifications (continued)

### Other

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

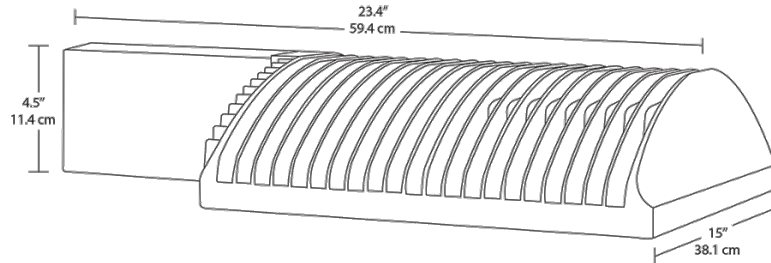
Suitable in accordance with FAR Subpart 25.4.

#### Optical

#### BUG Rating:

B1 U0 G2

### Dimensions



### Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type III distribution
- 5-year warranty

### Ordering Matrix

| Family | Distribution  | Watts    | Mount      | Color Temp    | Finish    | Voltage                  | Photocell            | Dimming         | Bi-Level       |
|--------|---------------|----------|------------|---------------|-----------|--------------------------|----------------------|-----------------|----------------|
| ALED   |               |          |            |               |           |                          |                      |                 |                |
|        | 2T = Type II  | 360 =    | Blank =    | Blank = 5000K | Blank =   | Blank = 120-277V         | Blank = No Photocell | Blank = No      | Blank = No Bi- |
|        | 3T = Type III | 360W     | Arm        | (Cool)        | Bronze    | /480 = 480V (Only 360W & | /PC = 120V Button    | Dimming         | Level          |
|        | 4T = Type IV  | 260 =    | SF =       | Y = 3000K     | W = White | 260W)                    | /PC2 = 277V Button   | /D10 = Dimmable | /BL = Bi-Level |
|        |               | 260W     | Slipfitter | (Warm)        | RG = Gray |                          | /PCS = 120V Swivel   |                 |                |
|        |               | 150 =    |            | N = 4000K     |           |                          | /PCS2 = 277V Swivel  |                 |                |
|        |               | 150W     |            | (Neutral)     |           |                          | /PCT = 120-277V      |                 |                |
|        |               | 125 =    |            |               |           |                          | Twistlock            |                 |                |
|        |               | 125W     |            |               |           |                          | /PCS4 = 480V Swivel  |                 |                |
|        |               | 105 =    |            |               |           |                          | /PCT4 = 480V         |                 |                |
|        |               | 105W     |            |               |           |                          | Twistlock            |                 |                |
|        |               | 78 = 78W |            |               |           |                          |                      |                 |                |