ALED26Y/PC RAB



ALED Area Lights mount to 4" square steel poles at 15-20'. 1 to 4 fixtures can be mounted to each pole. IES Full Cutoff, Fully Shielded optics. 5-year, no-compromise warranty.

Color: Bronze Weight: 6.5 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

|                  | LED Info                          |   |
|------------------|-----------------------------------|---|
| Constant Current | Watts:                            | 26W   |
| 0.26A            | Color Temp:                       | 3000K   |
| N/A              | Color Accuracy:                   | 71 CRI  |
| N/A              | L70 Lifespan:                     | 100000  |
| N/A              | Lumens:                           | 3296  |
| 29W              | Efficacy:                         | 112 LPW   |
| 89%              |                                   |   |
|                  |                                   |   |
|                  | 0.26A<br>N/A<br>N/A<br>N/A<br>29W | Constant Current Watts: 0.26A Color Temp: N/A Color Accuracy: N/A L70 Lifespan: N/A Lumens: 29W Efficacy: |

### **Technical Specifications**

### **Electrical**

#### ALED26 wtih Photocell:

120V Photocell Included. Photocell is only compatible with 120V.

#### Driver:

Multi-chip 26W high output long life LED Driver Constant Current, 720mA, Class 2, 6kV Surge Protection, 100V-277V, 50-60 Hz, 100-240V.4 Amps.

#### Listings

### **DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P0000175Q

### **UL Listing:**

Suitable for wet locations

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

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have 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

### Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

LED color temperature is warrantied 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-

### Construction

#### **IES Classification:**

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

### Housing:

Precision die cast aluminum housing, lens frame

#### Gaskets

High temperature silicone

# **Effective Projected Area:**

EPA = 0.27.

### Finish:

Formulated for high-durability and long lasting color

### Green Technology:

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

### **Ambient Temperature:**

SuitableFor use in 40°C (104°F) ambient temperatures

## **Cold Weather Starting:**

Minimum starting temperature is -40°C (-40°F)

### Other

### Patents:

The ALED design is protected by U.S. PATENT D608,040 and patents pending in the U.S., Canada, China, Taiwan and Mexico.

### Equivalency:

Equivalent to 70W Metal Halide

### 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.

#### **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

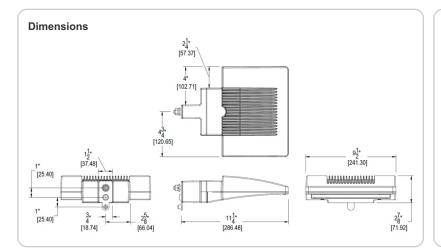
### Optical

### **BUG Rating:**

B1 U0 G0

ALED26Y/PC





## **Features**

High output LED light engine

Maintains 70% of initial lumens at 100,000 hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

| Ordering Matrix |                 |   |                             |   |                                       |
|-----------------|-----------------|---|-----------------------------|---|---------------------------------------|
| Family          | Wattage         | Color Temp  | Finish                      | Photocell   | Dimming                               |
| ALED            |                 |   |                             |   |                                       |
|                 | <b>26</b> = 26W | Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral) | Blank = Bronze<br>W = White | Blank = No Photocell /PC = 120V Button /PC2 = 277V Button | Blank = No Dimming<br>/D10 = Dimmable |