



This ultra-high efficiency LED large garage light delivers up to 111 lumens per Watt. Available in 70, 80 and 105W versions. Fixture measures 18" L x 18" W. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White

Weight: 19.6 lbs

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

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 105W   |
| 120V:        | 0.87A            | Color Temp:     | 4000K  |
| 208V:        | 0.52A            | Color Accuracy: | 73 CRI |
| 240V:        | 0.45A            | L70 Lifespan:   | 100000 |
| 277V:        | 0.39A            | Lumens:         | 10,162 |
| Input Watts: | 104W             | Efficacy:       | 98 LPW |
| Efficiency:  | N/A              |                 |        |

## Technical Specifications

### Lightcloud

#### Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

### 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 received the Department of Energy "Lighting Facts" label.

#### 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: PK2JZDNV

### Electrical

#### Driver:

Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.87A, 208V: 0.52A, 240V: 0.45A, 277V: 0.38A, 480V: 0.23A, surge protection 4kV, THD ≤ 20%, pF 90%

#### THD:

2.6% at 120V, 8.7% at 277V

#### Power Factor:

99.8% at 120V, 96.8% at 277V

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### Lens:

Frosted polycarbonate

#### Gaskets:

High temperature silicone.

#### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

#### Finish:

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

#### Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C.

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

#### Housing:

Die-cast aluminum and sheetmetal housing

#### Mounting:

Die-cast aluminum backbox with (4) 1/2" conduit openings with plugs. Hinged tether for easy installation and wiring. Also accommodates 1/2" or 3/4" NPS pendants (provided by others).

#### Lens:

High-transmission and vandal-resistant polycarbonate frosted lens

#### Reflector:

Specular polycarbonate

#### Green Technology:

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

### LED Characteristics

#### LEDs:

Long-life, high-efficiency surface mount LEDs

#### Lifespan:

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

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### 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.

### Other

#### California Title 24:

See PORTO with 0-10V dimming (/D10) driver for a compliant California Title 24.

#### 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).

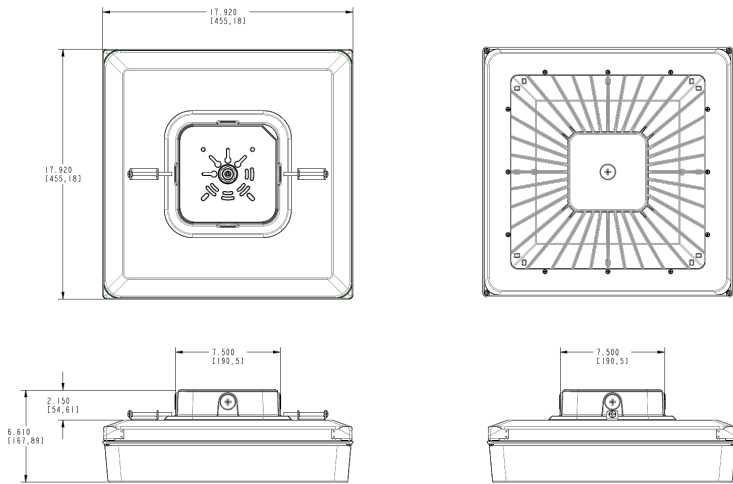
#### Trade Agreements Act Compliant:

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.

## Dimensions



## Features

- Ultra-high efficiency
- Pendant or surface mount
- Low glare, vandal-resistant polycarbonate lens
- 20% uplight eliminates "cave effect"
- 100,000-Hour LED lifespan
- 5-year warranty
- Built in support Lightcloud™
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

## Ordering Matrix

| Family | Watts                              | Color Temp  | Finish                      | Dimming                               | Lightcloud       |
|--------|------------------------------------|---|-----------------------------|---------------------------------------|------------------|
| PRT    | 105                                | N   | W                           |                                       | /LC              |
|        | 70 = 70W<br>80 = 80W<br>105 = 105W | Blank = 5000K (Cool)<br>Y = 3000K (Warm)<br>N = 4000K (Neutral) | Blank = Bronze<br>W = White | Blank = No Dimming<br>/D10 = Dimmable | /LC = Lightcloud |