



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.

Color: Bronze

Weight: 19.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 0.59A
 208V: 0.37A
 240V: 0.32A
 277V: 0.28A
 Input Watts: 71W
 Efficiency: 99%

LED Info

Watts: 70W
 Color Temp: 5000K (Cool)
 Color Accuracy: 74 CRI
 L70 Lifespan: 100,000
 Lumens: 7,835
 Efficacy: 111 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

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.

Electrical

Driver:

Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.59A, 208V: 0.37A, 240V: 0.32A, 277V: 0.27A, 480V: 0.15A, surge protection 4kV, THD \leq 20%, pF 90%

THD:

5% at 120V, 15.5% at 277V

Power Factor:

99.4% at 120V, 92.7% 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, and RoHS compliant. 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 C78.377-2008.

Other

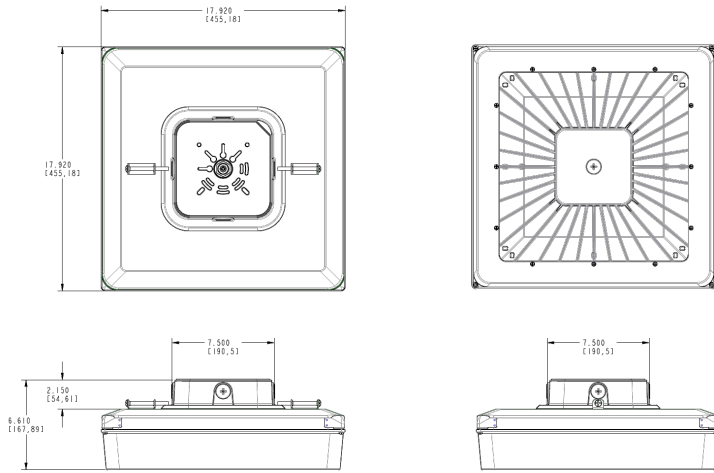
California Title 24:

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.

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

Ordering Matrix

Family	Watts	Color Temp	Finish	Dimming	Sensor	Voltage	Photocell
PRT							
	70 =	= Cool	=	= No	/WS = Multi-Level Motion Sensor (Only available for 120-277V with /D10)	= 120-277V	= No Photocell
	70W	Y = Warm	W = Bronze	Dimming		/480 = 480V	/PCS = 120V Swivel
	80 =	Warm	W =	/D10 =			
	80W	N = Neutral	White	Dimmable			
	105 =	Neutral					/PCS2 = 277V Swivel
	105W						/PCS4 = 480V Swivel