



This ultra high efficiency LED garage light delivers up to 118 lumens per Watt. An integrated motion/photo sensor option provides multi-level lighting control. Available in 30, 42 and 55 Watt versions that replace 70 to 175 Watt metal halide fixtures.

Color: White

Weight: 10.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

Type: Constant Current  
 120V: N/A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 42W  
 Efficiency: 99%

#### LED Info

Watts: 42W  
 Color Temp: 4000K (Neutral)  
 Color Accuracy: 73 CRI  
 L70 Lifespan: 100,000  
 Lumens: 4,382  
 Efficacy: 103 LPW

## Technical Specifications

### 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.

#### Construction

##### Lens:

Frosted polycarbonate

##### Gaskets:

High temperature silicone.

##### IP Rating:

Ingress Protection rating of IP66 for dust and water.

##### 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 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 C78.377-2008.

#### Other

##### California Title 24:

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

##### PRT42 with Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 347-480V.

##### 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.

##### 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.

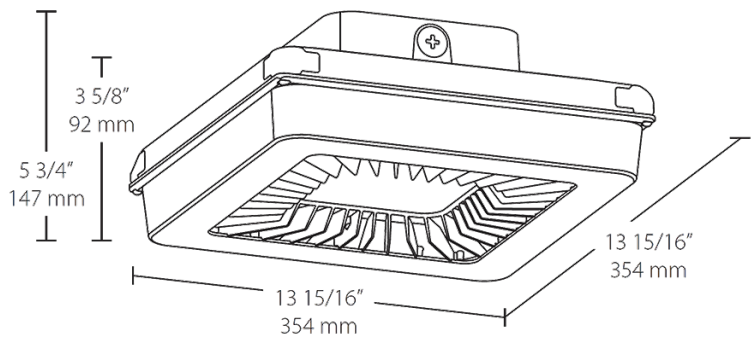
Technical Specifications (continued)

Other

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Dimensions



Features

- Ultra-high efficiency
- Pendant or surface mount
- IP 66 rated, keeps water and dust out
- 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							
	30 = 30W	Blank = Cool	Blank = Bronze	Blank = No Dimming	/WS = Multi-Level Motion Sensor (Only available for 120-277V with /D10)	Blank = 120-277V	Blank = No Photocell
	42 = 42W	Y = Warm	W = White	/D10 = Dimmable		/480 = 480V	/PCS = 120V Swivel
	55 = 55W	N = Neutral					/PCS2 = 277V Swivel
							/PCS4 = 480V Swivel