PRT42N USA RAB



This ultra high efficiency LED garage light delivers up to 118 lumens per Watt. Available in 30, 42 and 55 Watt versions that replace 70 to 175 Watt metal halide fixtures.

Color: Bronze Weight: 10.6 lbs

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

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 42W |
| 120V: | 0.36A | Color Temp: | 4000K |
| 208V: | 0.19A | Color Accuracy: | 77 CRI |
| 240V: | 0.18A | L70 Lifespan: | 100000 |
| 277V: | 0.17A | Lumens: | 5077 |
| Input Watts: | 43W | Efficacy: | 117 LPW |
| Efficiency: | 97% | | |

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.

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.

DLC Product Code: P5ZHGF44

Electrical

Drivers:

Constant Current, Class 2 100V - 277V, 50/60 Hz. THD <20%.

THD:

6.7% at 120V, 7.6% at 277V

Power Factor:

99.3% at 120V, 97.7% at 277V

Construction

Lens:

Frosted polycarbonate

Gaskets:

High temperature silicone.

IP Rating:

Ingress Protection rating of IP66 for dust and water

Ambient Temperature:

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

Finish:

Formulated for high-durability and long lasting color.

Cold Weather Starting:

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

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 accomodates 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 mounting 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 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 C78.377-2017.

Other

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.

FTC Country of Origin:

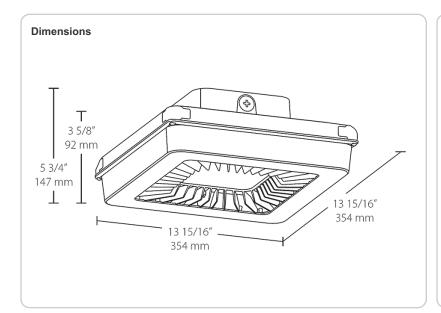
This product was assembled in the USA by RAB using imported components.

Buy American Act Compliance:

This product complies with the Buy American Act.

PRT42N USA





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 | Wattage | Color Temp | Finish | Voltage | Dimming | Battery Backup | | |
| PRT | 42 | N | | | | | | |
| | 30 = 30W 42 = 42W 55 = 55W | Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral) | Blank = Bronze W = White | Blank = 120-277V /480 = 480V | Blank = No Dimming /D10 = Dimmable | Blank = No Battery Backup /E2 = Battery Backup | | |