# PRT30W/PCS2

# RAB



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 ir 30, 42 and 55 Watt versions that replace 70 to 175 Watt metal halide fixtures. Fixture measures 14" L x 14" W.

Color: White

/eight: 10.4 lbs

# **Technical Specifications**

#### Compliance

#### UL Listed:

Suitable for wet locations

## **IP Rating:**

Ingress protection rating of IP66 for dust and water

#### **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. Designed to meet DLC 5.1 requirements. DLC Product Code: P5DRFSDX

#### Electrical

#### Drivers:

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

#### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

7.4% at 120V, 17.1% at 277V

#### Power Factor:

99.2% at 120V, 90.9% at 277V

#### Photocell:

277V Swivel photocell included. Photocell is compatible with 208V-277V.

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#### Construction

Lens: Frosted polycarbonate

#### Gaskets: High-temperature silicone

Ambient Temperature:

Suitable for use in up to  $40^{\circ}C$  ( $104^{\circ}F$ )

#### Finish:

Formulated for high durability and long-lasting color
Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

#### Housing:

Die-cast aluminum and sheetmetal housing. Polycarbonate is affected by cleaning agents or other liquids containing partial solvents such as low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons and perchlorinated hydrocarbons. <u>Click here for a detailed list of</u> <u>damaging chemicals.</u>

Driver Info	LED Info	
Prepared By:	Date:	
Project:	Туре:	

Differ into				
	Туре	Constant Current	Watts	30W
	120V	0.25A	Color Temp	5000K (Cool)
	208V	0.16A	Color Accuracy	78 CRI
	240V	0.14A	L70 Lifespan	100,000 Hours
	277V	0.12A	Lumens	3,832 lm
	Input Watts	29.4W	Efficacy	130.3 lm/W

#### 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).

#### **Reflector:** Specular polycarbonate

Green Technology: Mercury and UV free. RoHS-compliant components.

#### LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

#### **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 color temperature over a 5-year period

#### **Color Uniformity:**

RAB's range of 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.

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# **Technical Specifications (continued)**

# Performance

## Lifespan:

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

# Wattage Equivalency:

Equivalent to 100W Metal Halide

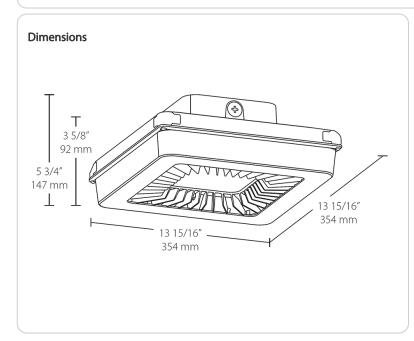
## Other

### 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. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

### 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.



# 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, No-Compromise Warranty