# PRT30W





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: White Weight: 10.6 lbs

Project:	Туре:
Prepared By:	Date:

	LED Info	
Constant Current	Watts:	30W
0.25A	Color Temp:	5000K
0.13A	Color Accuracy:	74 CRI
0.12A	L70 Lifespan:	100000
0.11A	Lumens:	3,455
29W	Efficacy:	118 LPW
N/A		
	0.25A 0.13A 0.12A 0.11A 29W	Constant Current Watts: 0.25A Color Temp: 0.13A Color Accuracy: 0.12A L70 Lifespan: 0.11A Lumens: 29W Efficacy:

# **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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P5DRFSDX

### **Electrical**

## Drivers:

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

## 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 fine

## 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 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 C78.377-2011.

## Other

## California Title 24:

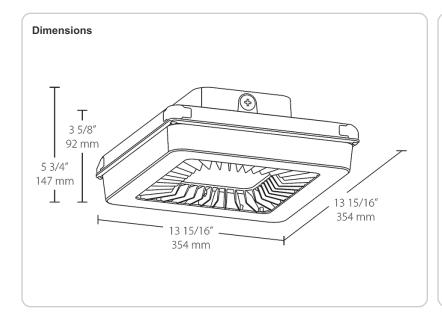
See PORTO with 0-10V dimming (/D10) driver for a compliant California Title 24.

# 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.

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# 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

dering Matrix	x				
Family	Watts	Color Temp	Finish	Voltage	Dimming
PRT	30		W		
	<b>30</b> = 30W	Blank = 5000K (Cool)	Blank = Bronze	<b>Blank</b> = 120-277V	Blank = No Dimming
	<b>42</b> = 42W	<b>Y</b> = 3000K (Warm)	W = White	<b>/480</b> = 480V	/D10 = Dimmable
	<b>55</b> = 55W	<b>N</b> = 4000K (Neutral)			