# PRT30W/LC

# 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. Fixture measures 14" L x 14" W.

Color: White

Weight: 10.6 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

#### Construction

Lens: Frosted polycarbonate

Gaskets: High-temperature silicone

#### **Ambient Temperature:** Suitable for use in up to 40°C (104°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>

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

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	Туре	Constant Current	Watts	30W
	120V	0.25A	Color Temp	5000K (Cool)
	208V	0.13A	Color Accuracy	78 CRI
	240V	0.12A	L70 Lifespan	100,000 Hours
	277V	0.11A	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

### Lightcloud

#### Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel. DLC system - N1XMLOEATBA Learn more about Lightcloud.

#### Other

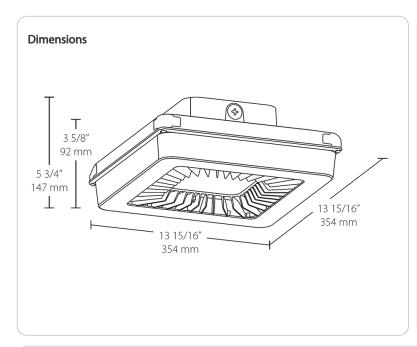
#### Warranty:

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.

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## 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 and 10-Year, No-Compromise Lightcloud Warranty

### **Ordering Matrix**

Family	Wattage	Color Temp	Finish	Driver Options	Options	Other Options
PRT	30		W		/LC	
	<b>30</b> = 30W (14" x 14") <b>42</b> = 42W (14" x 14") <b>55</b> = 55W (14" x 14") <b>70</b> = 70W (18" x 18") <b>80</b> = 80W (18" x 18") <b>105</b> = 105W (18" x 18")	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /E = Battery Backup /WS = Multi-Level Motion Sensor for 14" /WS2 = Multi-Level Motion Sensor for 18" /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor	Blank = Standard USA = BAA Compliant
<sup>1</sup> Only available for 120-277V.						