## PRT55W





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:

Driver Info		LED Info	
Type:	Constant Current	Watts:	55W
120V:	0.5A	Color Temp:	5000K
208V:	0.33A	Color Accuracy:	75 CRI
240V:	0.32A	L70 Lifespan:	100000
277V:	0.31A	Lumens:	6,085
Input Watts:	59W	Efficacy:	103 LPW
Efficiency:	93%		

## **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: PXH62TJ3

#### **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:

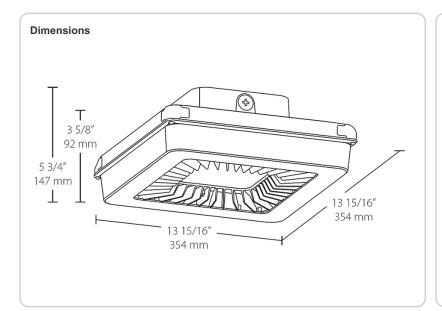
See PORTO with 0-10V dimming (/D10) driver for a compliant California Title 24.

## 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	K				
Family	Watts	Color Temp	Finish	Voltage	Dimming
PRT	55	55	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)	<b>W</b> = White	<b>/480</b> = 480V	/D10 = Dimmable
	<b>55</b> = 55W	<b>N</b> = 4000K (Neutral)			