PRT55/480/PCS4

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

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 in 30, 42 and 55 Watt versions that replace 70 to 175 Watt metal halide fixtures.

Color: Bronze   Weight: 10.6 lbs

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	59W
Efficiency:	93%

LED Info

Watts:	55W
Color Temp:	5000K
Color Accuracy:	75 CRI
L70 Lifespan:	100000
Lumens:	6,085
Efficacy:	103 LPW

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: PWDGPY9B

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 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

LED Characteristics

LEDs:

Long-life, high-efficiency surface mount LEDs

Other

California Title 24:

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

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.
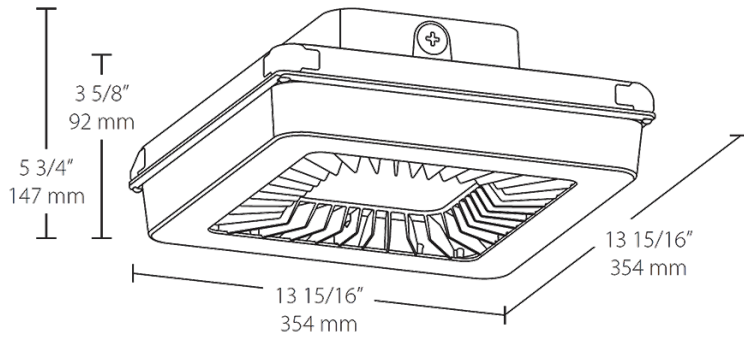
GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Electrical

Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 347-480V.

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RAB LIGHTING

Dimensions

3 5/8"
92 mm

5 3/4"
147 mm

13 15/16"
354 mm

13 15/16"
354 mm

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	Watts	Color Temp	Finish	Voltage	Dimming	Sensor		Photocell
PRT	55			/480				/PCS4
	30 = 30W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = 120-277V	**Blank** = No Dimming	**Blank** = No Multi-Level Motion Sensor		**Blank** = No Photocell
	42 = 42W	**Y** = 3000K (Warm)	**W** = White	**/480** = 480V	**/D10** = Dimmable	**/WS2** = Multi-Level Motion Sensor (Only available for 120-277V with /D10)		**/PCS** = 120V Swivel
	55 = 55W	**N** = 4000K (Neutral)						**/PCS2** = 277V Swivel
								/PCS4 = 480V Swivel