PRT105N/D10/LC

RAB
LIGHTING

Project:	Type:
Prepared By:	**Date:**

This ultra-high efficiency LED large garage light delivers up to 111 lumens per Watt. Available in 70, 80 and 105W versions. Fixture measures 18" L x 18" W. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: Bronze   Weight: 19.6 lbs

Driver Info

Type:	Constant Current
120V:	0.87A
208V:	0.52A
240V:	0.45A
277V:	0.39A
Input Watts:	103W
Efficiency:	N/A

LED Info

Watts:	105W
Color Temp:	4000K
Color Accuracy:	73 CRI
L70 Lifespan:	100000
Lumens:	9,950
Efficacy:	97 LPW

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 3

RAB LIGHTING

Technical Specifications

Lightcloud

Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

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: PXHP6SQV

Electrical

Driver:

Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.87A, 208V: 0.52A, 240V: 0.45A, 277V: 0.38A, 480V: 0.23A, surge protection 4kV, THD ≤ 20%, pF 90%

THD:

2.6% at 120V, 8.7% at 277V

Power Factor:

99.8% at 120V, 96.8% at 277V

Dimming Driver:

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

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Lens:

Frosted polycarbonate

Gaskets:

High temperature silicone.

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

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.
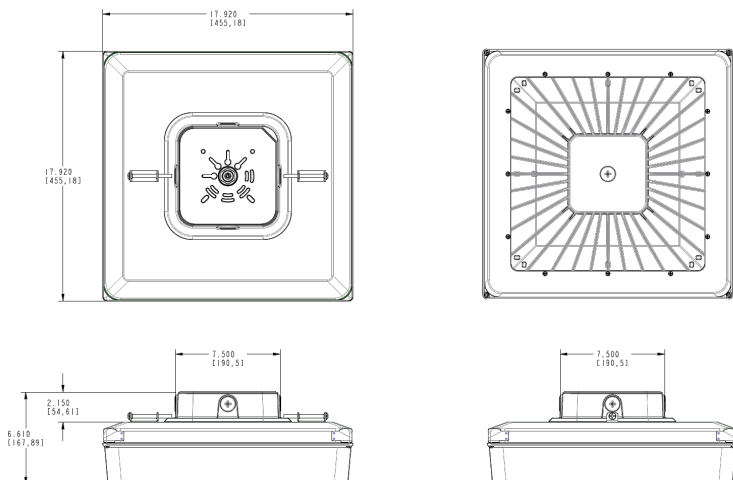
California Title 24:

PORTO with 0-10V dimming driver (/D10) complies with 2013 California Title 24 building and electrical codes as non-residential indoor fixture when used with the RAB Stealth.

Sensor Specifications

Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options.

Dimensions

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 warranty

Built in support Lightcloud™

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

RAB
LIGHTING

Ordering Matrix

Family	Watts	Color Temp	Finish	Dimming	Lightcloud
PRT	105	N		/D10	/LC
	70 = 70W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = No Dimming	**/LC** = Lightcloud
	80 = 80W	**Y** = 3000K (Warm)	**W** = White	**/D10** = Dimmable	
	105 = 105W	**N** = 4000K (Neutral)			