



Project:	Туре:
Prepared By:	Date:

Driver Info)	LED Info	
Type	Constant Current	Watts	70W
120V	0.59A	Color Temp	4000K (Neutral)
208V	0.37A	Color Accuracy	77 CRI
240V	0.32A	L70 Lifespan	100,000 Hours
277V	0.28A	Lumens	8,994 lm
Input Watts	69.7W	Efficacy	129 lm/W

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: PVUF5YFG

Electrical

Driver:

Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.59A, 208V: 0.37A,240V: 0.32A, 277V: 0.27A, 480V: 0.15A, surge protection 4kV, THD \leq 20%, pF 90%

Dimming Driver:

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

THD:

5.1% at 120V, 15.6% at 277V

Power Factor:

99.4% at 120V, 92.3% at 277V

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:

0.18

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)

Thermal Management:

Superior thermal management with external "Air-Flow" fins

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. Click here for a detailed list of damaging chemicals.

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



Technical Specifications (continued)

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.

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 250W Metal Halide

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 rablighting.com/warranty.

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.

Dimensions 17, 200 (1553, 18) 17, 200 (1553, 18) 17, 200 (1553, 18) 17, 200 (1553, 18) 17, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) 18, 200 (1553, 18) (155

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



PRT 70 N W /E 30 = 30W (14" x 14") Blank = 5000K Cool Blank = Bronze Blank = 120-277V, 0-10V /LCS = Lightcloud® Sensor Blank = St.	Ordering Matrix							
30 = 30W (14" x 14") 42 = 42W (14" x 14") 55 = 55W (14" x 14") 70 = 70W (18" x 18") 80 = 80W (18" x 18") 105 = 105W (18" x 18") 105 = 105W (18" x 18"	her Options	Options	Driver Options	Finish	Color Temp	Wattage	Family	
42 = 42W (14" x 14")		/E		W	N	70	PRT	
Only available for 120, 2771/	nk = Standard BAA Compliant	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	Dimming		N = 4000K Neutral	42 = 42W (14" x 14") 55 = 55W (14" x 14") 70 = 70W (18" x 18") 80 = 80W (18" x 18")		
Offity available for 120-277 v.								