



Color: Bronze

Weight: 6.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| | |
|-------------|------------------|
| Type | Constant Current |
| 120V | N/A |
| 208V | N/A |
| 240V | N/A |
| 277V | N/A |
| Input Watts | 78.8-110.5W |

LED Info

| | |
|----------------|------------------|
| Watts | 110/95/80W |
| Color Temp | 3500/4000/5000K |
| Color Accuracy | 80-82 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 10,699-14,807 lm |
| Efficacy | 126-142.5 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
55W/42W/30W (factory default 55W)
Color Temperature Selectable:
3500K, 4000K and 5000K (factory default 4000K)
On/Off Photocell (factory default "Off")

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP65 for dust and water

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

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: S-4CDHKS

Performance

Lifespan:

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

Driver:

110W: Constant Current, Class 1, 50/60 Hz, 480V, 480V: 0.24A
95W: Constant Current, Class 1, 50/60 Hz, 480V, 480V: 0.20A
80W: Constant Current, Class 1, 50/60 Hz, 480V, 480V: 0.17A

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 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.

Electrical

Dimming Driver:

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

THD:

100W: 12.19% at 480V
95W: 13.66% at 480V
80W: 15.6% at 480V

Power Factor:

110W: 94.3% at 480V
95W: 92.7% at 480V
80W: 90.5% at 480V

Surge Protection:

Ringwave LN4kV/LN-GND 6kV

Aux Power Supply:

Yes

Dim to Off:

Yes

Photocell:

Integrated photocell included with on/off switch (factory default: off)

Technical Specifications (continued)

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Gaskets:

High-temperature silicone

Housing:

Die-cast aluminum

Lens:

Polycarbonate lens

Reflector:

Polycarbonate

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Installation

Mounting:

Surface and pendant mounting

Optical

BUG Rating:

110W: B4 U5 G5

95W: B4 U4 G5

80W: B3 U4 G5

Other

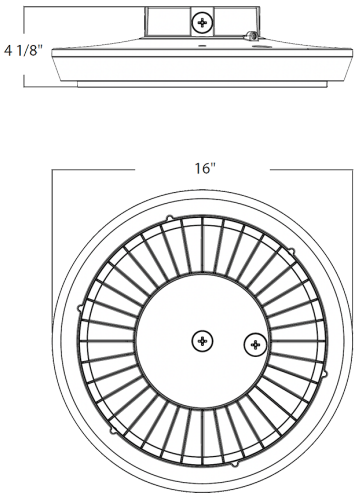
5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint 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



Features

- IP65 rated
- 100,000-Hour LED lifespan
- 5-Year Limited Warranty

Ordering Matrix

| Family | Wattage | Color Temp | Shape | Finish | Driver | Options |
|--------|--|--|-------------------------|-----------------------------|---|--|
| PRT | 110 | | R | | /480 | |
| | 55 = 55/42/30W 80 = 80/70/60W 110 = 110/95/80W | Blank = 3500/4000/5000K Adjustable CCT | R = Round S = Square | Blank = Bronze W = White | Blank = 120-277V, 0-10V Dimming, On/Off Photocell /480 = 480V, 0-10V Dimming, On/Off Photocell | Blank = On/Off Photocell ¹ /E = Battery Backup & On/Off Photocell ² /LC = Lightcloud /LCB = Lightcloud Blue /LC/E = Lightcloud w/Battery Backup ² /LCB/E = Lightcloud Blue w/Battery Backup ² |

¹ Integrated photocell can't be used when ordered with LC or LCB options
² Battery backup only available on 120-277V models