



Color: Bronze

Weight: 11.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| | |
|-------------|-------------------|
| Type | Constant Current |
| 120V | 1.19A/1.04A/0.80A |
| 208V | 0.69A/0.60A/0.46A |
| 240V | 0.63A/0.55A/0.42A |
| 277V | 0.55A/0.47A/0.36A |
| Input Watts | 94.6-148.3W |

LED Info

| | |
|----------------|------------------|
| Watts | 150/130/100W |
| Color Temp | 3000/4000/5000K |
| Color Accuracy | 81-84 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 13,254-21,552 lm |
| Efficacy | 132.5-151.1 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
150W/130W/100W (factory default 150W)
Color temperature (selectable by 3000K, 4000K and 5000K)

Compliance

UL Listed:

Suitable for wet locations

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.

IP Rating:

Ingress protection rating of IP65 for dust and water

Performance

Lifespan:

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

Wattage Equivalency:

150W: 750W Metal Halide
130W: 400W Metal Halide
100W: 400W Metal Halide

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Electrical

Driver:

150W: Constant Current, Class 1, 120-277V, 50/60 Hz,
120V: 1.19A, 208V: 0.69A, 240V: 0.63A, 277V: 0.55A
130W: Constant Current, Class 1, 120-277V, 50/60 Hz,
120V: 1.04A, 208V: 0.60A, 240V: 0.55A, 277V: 0.47A
100W: Constant Current, Class 1, 120-277V, 50/60 Hz,
120V: 0.80A, 208V: 0.46A, 240V: 0.42A, 277V: 0.36A

Dimming Driver:

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

THD:

5.56% at 120V, 8.93% at 277V

Power Factor:

99% at 120V, 94% at 277V

Photocell:

120-277V selectable photocell that can be turned on and off.

Surge Protection:

L-N: 6kV, L&N-E:6kV

Construction

Cold Weather Starting:

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

Ambient Temperature :

Max Power Temp Rating: 50°C (122°F)
Middle Power Temp Rating: 57°C (134°F)
Low Power Temp Rating: 63°C (146°F)

Housing:

Die-cast aluminum

Lens:

Tempered glass

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Wall mount

Technical Specifications (continued)

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.

Lightcloud

Lightcloud Blue:

Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Sensor Settings

Sensor Connection Type:

Pogo pin

Max Mounting Height:

50 ft

Sensor Technology:

Microwave (MVS)

Default Setting:

Uncommissioned State:
Motion Sensitivity: High
Brightness when triggered: 100%
Hold time: 20 minutes
Standby to dim: 20%
Standby time: 1 minute
When vacant: Off

Commissioned State:

Once paired, the sensor will default to disabled.
Once enabled the following settings apply:
Motion Sensitivity: High
Brightness when triggered: Last on status
Hold time: 20 minutes
Standby time: 1 minute
When vacant: Off

Adjustable Sensor Settings?:

Yes, using the Lightcloud Blue mobile app

Sensing Type:

Occupancy or Vacancy (option to disable or set as an independent sensor)

Occupied Actions:

On or On at a Dim Level

Vacant Actions:

Off or On at a Dim Level

Occupancy Timeout:

1 minute to 240 minutes

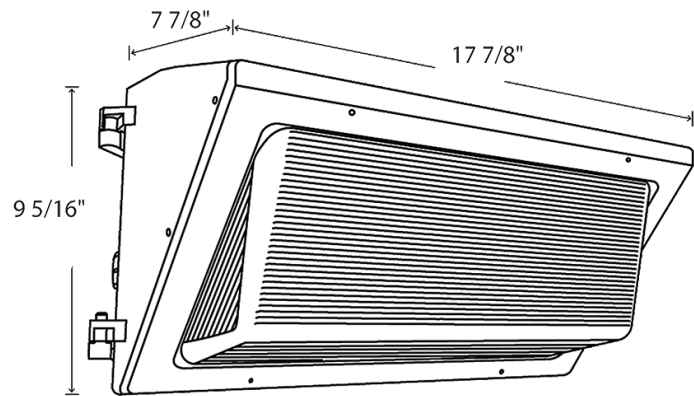
Daylight Sensing:

The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set in the Lightcloud Blue mobile app.

Daylight Threshold:

150 lux to 1500 lux

Dimensions



Features

- IP65 Rated
- 100,000-Hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

| Family | Wattage | Color Temp | Finish | Driver | Options |
|--|---------|------------|--------|--------|-----------|
| WP3XFU | 150 | | | | /LCBS/MVS |
| <div>50 = 50/40/30W 120 = 120/100/80W 150 = 150/130/100W</div> <div>Blank = 3000/4000/5000K</div> <div>Blank = Bronze</div> <div>Blank = 120-277V, 0-10V Dimming</div> <div>Blank = Selectable Photocell /LC = Lightcloud /LCB = Lightcloud Blue /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor</div> | | | | | |