WP2XFU60/LCBS/MVS

RAB®

Color: Bronze   Weight: 7.9 lbs

Project: | **Type:**

Prepared By: | **Date:**

Driver Info

Type	Constant Current
120V	0.51A/0.38A/0.30A
208V	0.30A/0.22A/0.17A
240V	0.27A/0.20A0.16A
277V	0.23A/0.17A/0.14A
Input Watts	35.4-62.9W

LED Info

Watts	60/45/35W
Color Temp	3000/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	5,214-9,140 lm
Efficacy	139.8-153.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
60W/45W/35W (factory default 60W)
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:
60W: 250W Metal Halide
45W: 175W Metal Halide
35W: 150W Metal Halide

LED Characteristics

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

Electrical

Driver:
60W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.51A, 208V: 0.30A, 240V: 0.27A, 277V: 0.23A
45W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.38A, 208V: 0.22A, 240V: 0.20A, 277V: 0.17A
35W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.30A, 208V: 0.17A, 240V: 0.16A, 277V: 0.14A

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

THD:
9.87% at 120V, 14.06% at 277V

Power Factor:
99% at 120V, 89.7% at 277V

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

Construction

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:
Suitable for use in up to 50°C (122°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

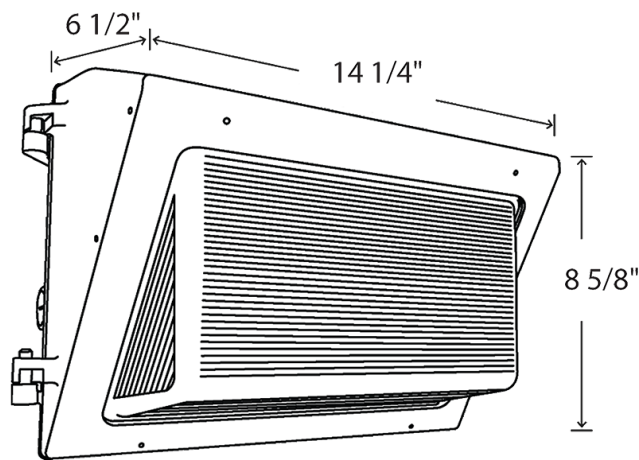**Occupancy Timeout:**
1 minute to 240 minutes

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

6 1/2"

14 1/4"

8 5/8"

Features

IP65 Rated

100,000-Hour LED lifespan

5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver	Options
WP2XFU	60				/LCBS/MVS

Wattage	Color Temp	Finish	Driver	Options
29 = 29/20/15W **40 =** 40/30/20W **60 =** 60/45/35W **80 =** 80/60/40W **100 =** 100/80/60W	**Blank =** 3000/4000/5000K	**Blank =** Bronze	**Blank =** 120-277V, 0-10V Dimming	**Blank =** Selectable Photocell **/LC =** Lightcloud **/LCB =** Lightcloud Blue **/LCBS =** Lightcloud Blue w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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