WP1XFU29/LCBS

Color: Bronze

Weight: 6.6 lbs

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

Driver Info

Type	Constant Current
120V	0.24A/0.17A/0.13A
208V	0.14A/0.10A/0.07A
240V	0.13A/0.09A/0.07A
277V	0.11A/0.08A/0.06A
Input Watts	15-29.7W

LED Info

Watts	29/20/15W
Color Temp	3000/4000/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	2,115-4,283 lm
Efficacy	135.3-148.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
29W/20W/15W (factory default 29W)
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:
29W: 125W Metal Halide
20W: 100W Metal Halide
15W: 70W Metal Halide

LED Characteristics

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

Electrical

Driver:
29W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.24A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A
20W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A
15W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.13A, 208V: 0.07A, 240V: 0.07A, 277V: 0.06A

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

THD:
12.2% at 120V, 13% at 277V

Power Factor:
98.9% at 120V, 93% 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)

Ambient Temperature :
Max Power Temp Rating: 50°C (122°F)
Middle Power Temp Rating: 53°C (128°F)
Low Power Temp Rating: 54°C (128°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

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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.

Factory Reset:
Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online (green status bars in app) and select 'Delete from Site'. The device will flash on/off 5 times and return to full brightness.

Method 2: Manual
Press and hold down the button located at the top of the Controller for 10 seconds or until the light flashes on/off 3 times. The status indicator light will flash red to confirm it has been reset and is ready to pair to the App.

Sensor Settings

Sensor Connection Type:
Pogo pin

Max Mounting Height:
40 ft

Detection Range:
40 ft diameter mounted at 40 ft

Sensor Technology:
Passive Infrared (PIR)

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

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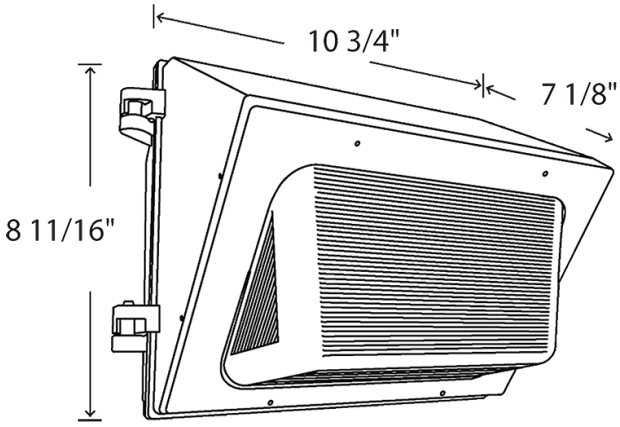
WP1XFU29/LCBS

Dimensions



Features

IP65 Rated

100,000-Hour LED lifespan

5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver	Options
WP1XFU	29				/LCBS
	29 = 29/20/15W	**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 and Battery Backup

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