WP2LED49L-730WU/MVS

RAB

Color: White   Weight: 9.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.29A
208V	0.17A
240V	0.15A
277V	0.13A
Input Watts	33.5W

LED Info

Watts	34W
Color Temp	3000K (Warm)
Color Accuracy	72 CRI
L70 Lifespan	100,000 Hours
Lumens	5,049 lm
Efficacy	150.7 lm/W

Technical Specifications

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 IESNAlm-79 andlm-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: PBX9WBT9

Performance

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

Wattage Equivalency:
Equivalent to 150W Metal Halide

LED Characteristics

LEDs:
Multip-chip, high-output, long-life LEDs

Construction

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

Maximum Ambient Temperature:
40°C (104°F)

Housing:
Die-cast aluminum

Reflector:
Aluminum alloy

Lens:
Glass

Gaskets:
High-temperature silicone gaskets

Mounting:
Surface mount

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Electrical

Drivers:
Constant Current, 120-277V, 50/60 Hz, 120V: 0.29A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A

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

THD:
5.15% at 120V, 3.69% at 277V

Power Factor:
99.5% at 120V, 93.9% at 277V

Surge Protection:
2.5kV

Other

Note:
All values are typical (tolerance +/- 10%)

Technical Specifications (continued)

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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.

Sensor Specifications

Microwave Motion Sensor:
Microwave based technology occupancy sensor that automatically affect the operation of lighting equipment based upon detecting the presence or absence of people in a space.

Capacitance Load:
400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:
-20°C to +60°C (-4°F to +140°F)

Relay:
Zero-cross relay

Maximum Mounting Height:
16.4 feet

Customizable Detection Area:
10, 50, 75 or 100%

Time Delay:
5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period:
0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level:
10, 20, 30, 50%

Cut-Off Power:
Less than 1W

Daylight Threshold:
About .2-5 fc for disabled

Sensor Principle:
High Frequency

Microwave Frequency:
5.8GHz +/- 75MHz

Microwave Power:
<0.2mW

Max Detection Range:
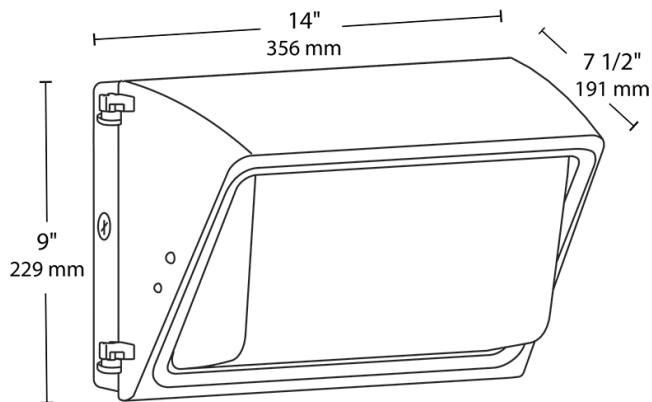26 ft diameter at 16 ft mounting height

Detection Angle:
About 30 to 150 degrees

Remote Control Accessory:
Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. Remote control available here.

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RAB®

Dimensions

14"
356 mm

7 1/2"
191 mm

9"
229 mm

Features

- Affordable wall pack with traditional look
- Ultra-high efficacy
- Covers footprint of mid-size HID wall packs
- 100,000-Hour LED lifespan

Ordering Matrix

Family	Lumen Pack Wattage		CRI/Color Temp	Finish	Voltage	Options
WP2LED	49L	–	730	W	U	/MVS

Lumen Pack Wattage:
34L = 3400lm, 23W
49L = 4900lm, 34W

CRI/Color Temp:
750 = 70 CRI, 5000K
740 = 70 CRI, 4000K
730 = 70 CRI, 3000K

Finish:
Blank = Bronze
W = White

Voltage:
U = 120-277V, 0-10V Dimmimg
H = 480V, 0-10V Dimming

Options:
Blank = No Options
/PCU = 120-277V Button Photocell
/PCS = 120V Swivel Photocell
/PCS2 = 208V-277V Swivel Photocell
/PCS4 = 480V Swivel Photocell
/MVS = Microwave Motion Sensor
/E2 = 120-277V Battery Backup
/LC = Lightcloud® Controller