W34-90L-830/MVS

RAB | Outdoor

Ultra-economy wall pack with traditional look.

Color: Bronze　　　　　Weight: 10.9 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.73A
208V	0.43A
240V	0.38A
277V	0.33A
Input Watts	87.4W
Efficiency	98%

LED Info

Watts	86W
Color Temp	3000K (Warm)
Color Accuracy	82 CRI
L70 Lifespan	50,000
Lumens	8,909
Efficacy	101.9 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PB2E71YC

Electrical

Dimming Driver:

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

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.73A, 208V: 0.43A, 240V: 0.38A, 277V: 0.33A

THD:

7.7% at 120V, 9% at 277V

Power Factor:

99.6% at 120V, 97.3% at 277V

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Note:

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

LEDs:

Long-life, high-efficacy surface mount LEDs

Color Uniformity:

RAB's range of CCT (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.

Construction

Housing:

Die-cast aluminum

Lens:

Glass

Reflector:

Specular aluminum

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Mounting:

Die-cast backbox with four (4) conduit entry points and knockout pattern for junction box or direct wall mounting. Hinged door for easy re-assembly.

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Other

Replacement:

Replaces up to 320W Metal Halide

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

Copyright © 2019 RAB Lighting All Rights Reserved　　Note: Specifications are subject to change at any time without notice

Page 1 of 2

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.

Sensor Specifications

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

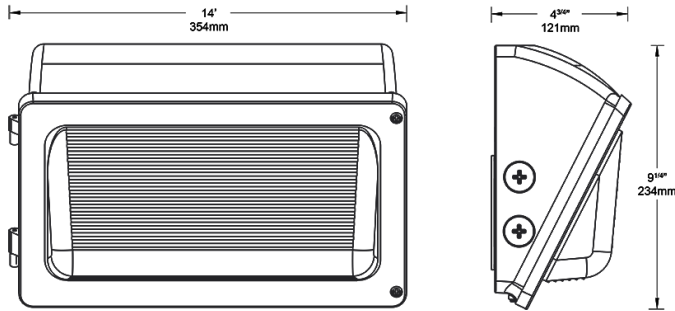**Max Detection Range:**

26 ft. diameter at 16 ft. mounting height

Detection Angle:

About 30 to 150 degrees

Remote Control:

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

Dimensions

Features

- Economy-grade wall pack with traditional look
- Covers footprint of medium-sized HID wall packs
- Available in various lumen packages
- Integrated 0-10V dimming
- 50,000-Hour LED lifespan

Ordering Matrix

Family	Lumen Package	CRI/CCT	Voltage	Options
W34	90L	830		/MVS

	55L = 5400lm, 51W **70L =** 7200lm, 69W **90L =** 9100lm, 87W	**Blank =** 80 CRI / 5000K **830 =** 80 CRI / 3000K	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming	**Blank =** No Option **/PCU =** 120-277V Button Photocell **/MVS =** 120-277V Microwave Sensor **/LC =** 120-277V Lightcloud® Control

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

Copyright © 2019 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice