PIR40



Color: White

Weight: 0.0 lbs

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

Technical Specifications

Performance

Product Type:
Low Voltage Occupancy Sensor

Description:
Line voltage screw-in sensor, motion detection and daylight sensing.

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Input Voltage:
12V

Operating Frequency:
50/60Hz

Input Current @ 120V (mA):
30mA

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

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

Adjustable Sensor Settings?:
Yes, using the MSR1 Remote (sold separately)

Standby to dim: 10%/20%/30%/50%

Standby time:
0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold:
2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Construction

Shape:
Round

Finish:
White

Enclosure Material:
Plastic

Compliance

Environment:
Suitable for use indoors and outdoors in dry, damp, or wet environments.

IP Rating:
IP66

Certification Model Number:
PIR40

California Title 20 Compliant:
No

California Title 24 JA8 Compliant:
No

California Energy Commission (CEC) Status:
Lawful for Sales in California

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

FCC:
Complies with Part 15 of the FCC Rules

Copyright © 2024 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

Other

Compatible Products:

H17 Field-Adjustable High Bay

RBAY17 Field-Adjustable High Bay

VAN17 3-Way Adjustable Canopy

PARK34 Field-Adjustable Garage Light

Requires RAAS; RAASB:
SHARK Field-Adjustable Linear Washdown

SEAL Field-Adjustable Washdown

GUS 17
Linear wrap

SR Field-Adjustable Strip
Linear strip

Compatible Accessories:

RAAS
Right angle arm support
RAASB
Right angle arm support

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) 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.

Note:

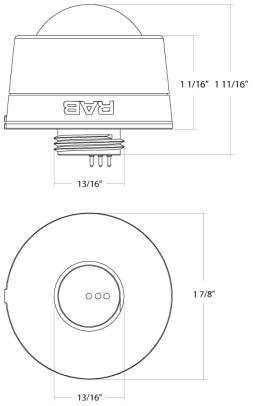
All values are typical (tolerance +/- 10%)

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.

Copyright © 2024 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Dimensions



Features

- For use in indoor and outdoor applications in dry, damp or wet environments
- Compatible with 0-10V dimming fixtures with auxiliary power supply
- Integrated dual-technology motion and daylight sensor.
- Adjustable sensor settings using MSR1 remote (sold separately)
- Compatible with various fixtures (high bays, washdown, strips, wraps, wall packs, area, etc.)

Ordering Matrix

Family	Wire and Voltage	Detection Height	Finish	Options
PIR		40		
	Blank = 12VDC	**20 =** 20 ft **40 =** 40 ft	**Blank =** White **B =** Black	**Blank =** Standard **/LCB =** Lightcloud Blue Enabled

Copyright © 2024 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice