

Color: White

Weight: 2.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type        | Constant Current |
|-------------|------------------|
| 120V        | 0.14A            |
| 208V        | N/A              |
| 240V        | N/A              |
| 277V        | N/A              |
| Input Watts | 3-16W            |

LED Info

|                |                           |
|----------------|---------------------------|
| Watts          | 16/10/8/5/3W              |
| Color Temp     | 2700/3000/3500/4000/5000K |
| Color Accuracy | 82-86 CRI                 |
| L70 Lifespan   | 50,000 Hours              |
| Lumens         | 358-2,230 lm              |
| Efficacy       | 119.3-149.5 lm/W          |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
16W/10W/8W/5W/3W (factory default 16W)  
Color temperature (selectable by 2700K, 3000K, 3500K, 4000K and 5000K)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP65 for dust and water

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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.

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

LED Detection Indicator:

LED glows red day & night for "on guard" deterrence

Electrical

Driver:

8W: Constant Current, Class P, 120V, 50/60 Hz, 120V: 0.07A  
5W: Constant Current, Class P, 120V, 50/60 Hz, 120V: 0.04A  
4W: Constant Current, Class P, 120V, 50/60 Hz, 120V: 0.03A  
2W: Constant Current, Class P, 120V, 50/60 Hz, 120V: 0.02A  
1W: Constant Current, Class P, 120V, 50/60 Hz, 120V: 0.01A

Dimming Driver:

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

THD:

7.7% at 120V

Power Factor:

99.7% at 120V

Dim to Off:

Yes

Aux Power Supply:

No

Surge Protection:

2.5 kV

Manual Override:

Double flip wall switch logic prevents activation by brief power outages. Resets after 6 hours. No extra wiring needed.

RF Immunity:

Circuits fully shielded for maximum radio frequency immunity

Incandescent Watts Switched:

500W @ 120 volts

Fluorescent Watts Switched:

250W @ 120 volts

Technical Specifications (continued)

Ratings:

5 amps

Power Consumption:

Negligible

Manual Switch:

None

Switching Capacity:

Relay On/Off Model Switches 240W when lights are mounted to sensor. 500W Incandescent or 240W Fluorescent of remotely mounted lighting @ 120 volts.

Performance

Lifespan:

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

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Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Housing:

Die-cast aluminum

Tilt Increment:

Rotates in 10 degree increments

Lens:

Polymethyl Methacrylate (PMMA)

Gaskets:

O-ring silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Knuckle arm mount

Sensor Settings

Time Adjustment:

5 seconds to 15 minutes

Quick Test Time:

5 second test time for fast installation. Works day or night.

"No Hands" Auto Testing:

Auto mode starts after 4 minutes of testing. No adjustment needed.

Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Time Delay:

5 seconds to 15 minutes

Ambient Light Sensing:

Adjustable

Adjustments:

Time, ambient light & sensitivity

Detection:

180° detection pattern

Other

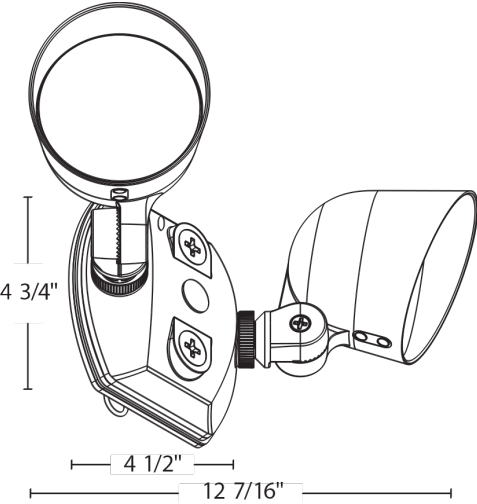
Warranty:

5-year sensor warranty

5-Year 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](http://rablighting.com/warranty).

Dimensions



Features

- 50,000-hour LED Life
- 0-10V dimming standard
- IP65 rating protects against dust and water
- 5-Year, limited warranty

Ordering Matrix

| Family | Wattage              | Mounting            | Color Temp                                       | Finish                                   | Driver                      | Options                                          |
|--------|----------------------|---------------------|--------------------------------------------------|------------------------------------------|-----------------------------|--------------------------------------------------|
| LF17X2 |                      |                     |                                                  | W                                        |                             | /SMS                                             |
|        | Blank = 16/10/8/5/3W | Blank = Knuckle Arm | Blank = 2700/3000/3500/4000/5000K CCT Adjustable | Blank = Bronze<br>B = Black<br>W = White | Blank = 120V, 0-10V Dimming | Blank = No Option<br>/SMS = SMS500 Motion Sensor |