



Specification grade area lights available in IES Type II distributions. For use in parking lots, roadways, pathways and general area lighting. Best-in-class 5-G vibration rating. 5-year warranty.

Color: White

Weight: 20.9 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 65W     |
| 120V:        | 0.55A            | Color Temp:     | 4000K   |
| 208V:        | 0.33A            | Color Accuracy: | 72 CRI  |
| 240V:        | 0.29A            | L70 Lifespan:   | 100000  |
| 277V:        | 0.25A            | Lumens:         | 6,740   |
| Input Watts: | 65W              | Efficacy:       | 104 LPW |
| Efficiency:  | N/A              |                 |         |

**Technical Specifications**

**Listings**

**UL Listing:**

Suitable for wet locations.

**IESNA LM-79 & IESNA LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

**Electrical**

**Driver:**

Constant Current, Class 2, 100-277V, 50/60 Hz, 120V: 0.55A, 208V: 0.33A, 240V: 0.29A, 277V: 0.25A

**THD:**

7% at 120, 10.3% at 277V

**Power Factor:**

99.6% at 120V, 95.4% at 277V

**Dimming Driver:**

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

**Surge Protection:**

L-N 4kV; L-L, L-GND 6kV

**Optical**

**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**Full Cutoff:**

Full cutoff optics conform with dark sky requirements.

**Construction**

**IES Classification:**

The Type II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrance roadways and bike paths.

**Effective Projected Area:**

EPA = 0.8

**Vibration Rating:**

Industry-leading 5G vibration rating per ANSI C136.31.

**Cold Weather Starting:**

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

**Ambient Temperature:**

Suitable for use in 104° F (40° C) ambient temperatures.

**Housing:**

Precision die-cast aluminum housing.

**Mounting:**

Mounts to RAB square poles. Mounts to all square and round poles if optional Universal Pole Adaptor is used.

**Lens:**

Clear acrylic lens with integrated optics

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**Gaskets:**

High temperature silicone gaskets.

**Finish:**

Formulated for high-durability and long lasting color.

**Green Technology:**

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**LED Characteristics**

**LEDs:**

Long-life, high-efficiency surface mount LEDs

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

**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 C78.377-2015.

**Other**

**5 Yr Limited Warranty:**

Fixture operation and paint finish are covered for a period of 5 years.

**Replacement:**

Replaces 150W Metal Halide.

## Technical Specifications (continued)

### Other

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### Sensor Specifications

#### Operating Voltage:

120V or 277V

#### Power Consumption:

1W

#### 0-10V Sinking Current:

50mA

#### Adjustable High and Low Modes:

High: 0-10V; Low: off, 0-9.8V

#### Time Delay:

30 seconds, 1-30 minutes

#### Adjustable Cut Off Delay:

Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 -60 min., 1 -5 hrs.

#### Adjustable Sensitivity:

None, low, medium, maximum

#### Adjustable Setpoint:

None, 1 to 250 fc, auto

#### Adjustable Ramp Up and Fade Down Times:

1 to 60 sec.

#### Operating Temperature:

-40°F to 167°F (-40°C to +75°C)

#### Operating Humidity:

20% to 90% noncondensing

#### Relay Life Rating:

200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### UL Listing:

Suitable for Wet Locations as factory installed.

#### Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options.

#### Multi Level Motion Sensor:

60 ft. diameter coverage from 40 ft. height.

## Dimensions



## Features

- Lightweight design and low EPA minimize pole load
- Best-in-class 5-G vibration rating
- 100,000-hour LED lifespan
- 5-year warranty

## Ordering Matrix

| Family | IES Type     | Wattage                              | Color Temp  | Finish                      | Driver Options  | Mounting  | Sensor Options  | Accessories                                |
|--------|--------------|--------------------------------------|---|-----------------------------|---|---|---|--|
| LOT    | 2T           | 65                                   | N   | W                           | /D10  |   | /WS4  |  |
|        | 2T = Type II | 160 = 160W<br>110 = 110W<br>65 = 65W | Blank = 5000K (Cool)<br>N = 4000K (Neutral)<br>Y = 3000K (Warm) | Blank = Bronze<br>W = White | /D10 = 120-277V, 0-10V Dimming (standard)<br>/480/D10 = 480V, 0-10V Dimming | Blank = Mounts to RAB square poles<br>/UPA = Universal Pole Adaptor | Blank = None<br>/PCT = 120-277V Twistlock PC<br>/PCT4 = 480V Twistlock PC<br>/WS2 = Wattstopper Sensor + 20ft lens, 120-277V<br>/WS4 = Wattstopper Sensor + 40ft lens, 120-277V<br>/5PR = 5-Pin Receptacle, no PCT<br>/7PR = 7-Pin Receptacle, no PCT<br>/BL = Bi-Level Dimming, 120-277V | Blank = None<br>/HS = 2 House-Side-Shields |