



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

| Driver Info |                  | LED Info       |                 |
|-------------|------------------|----------------|-----------------|
| Type        | Constant Current | Watts          | 45W             |
| 120V        | 0.39A            | Color Temp     | 4000K (Neutral) |
| 208V        | 0.22A            | Color Accuracy | 76 CRI          |
| 240V        | 0.19A            | L70 Lifespan   | 100,000 Hours   |
| 277V        | 0.17A            | Lumens         | 5,993 lm        |
| Input Watts | 46.7W            | Efficacy       | 128.3 lm/W      |

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for wet locations

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### 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

#### California Title 24:

Can be used to conform with the requirements of California Title 24 Part 6.

### LED Characteristics

#### LEDs:

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

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

#### Color Uniformity:

RAB's range of 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.

### Performance

#### Lifespan:

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

#### Wattage Equivalency:

Equivalent to 150W Metal Halide

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

#### Maximum Ambient Temperature:

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

#### Mounting:

Surface mount standard (accessories available for wall, pole and trunnion mount)

#### Lens:

Diffused Polymethyl Methacrylate (PMMA)

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Sensor Specifications

#### Multi Level Motion Sensor:

/WS sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaires based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

### Other

#### 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](http://rablighting.com/warranty).

## Technical Specifications (continued)

### 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.

### Electrical

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#### Driver:

Class 2, 50/60Hz, 120-277V, 4kV standard, 10kV optional, 120V: 0.38A, 208V: 0.22A, 240V: 0.19A, 277V: 0.17A

#### THD:

13.18% at 120V, 13.27% at 277V

#### Power Factor:

98.8% at 120V, 95.33% at 277V

## Dimensions



## Ordering Matrix

| Family | Distribution   |   | Lumen Output   | CRI/Color Temp   | Finish   | Voltage/Driver  | Sensor Options  | Lightcloud  | Emergency Option   |
|--------|--|---|--|--|--|---|---|---|--|
| IVG    | T5   | - | 50L  | 740  | W  | U   | /WS   |   |  |
|        | <b>T5</b> = Type V Wide<br><b>T5C</b> = Type V Concentrated<br><b>T5U</b> = Type V Wide with Uplight<br><b>T5CU</b> = Type V Concentrated with Uplight |   | <b>30L</b> = 3,600lm (28W)<br><b>50L</b> = 5,500lm (45W)<br><b>70L</b> = 7,500lm (69W) | <b>750</b> = 70CRI 5000K<br><b>740</b> = 70CRI 4000K<br><b>730</b> = 70CRI 3000K | <b>Z</b> = Bronze <sup>1</sup><br><b>W</b> = White | <b>U</b> = 120-277V 0-10V Dimming<br><b>4</b> = 480V 0-10V Dimming <sup>3</sup> | <b>Blank</b> = No Options<br><b>/WS</b> = 8ft lens Wattstopper<br><b>/WS2</b> = 20ft lens Wattstopper | <b>Blank</b> = No Lightcloud®<br><b>/LC</b> = Lightcloud® Controller <sup>2</sup> | <b>Blank</b> = No Options<br><b>/E2</b> = Emergency <sup>2</sup> |

<sup>1</sup> Available only for T5 and T5C distribution

<sup>2</sup> Applies to 120-277V

<sup>3</sup> Consult Factory