



Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Type	Constant Current	Watts	45W
120V	N/A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	73 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	5,867 lm
Input Watts	46.7W	Efficacy	125.6 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 IESNAIm-79 and Im-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:**

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF\(\text{Mimmunity}\). This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries 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.

# IVGT5-50L750Z4/WS2



# **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**

## Driver:

Class 2, 50/60Hz, 480V 4kV standard, 10kV optional, 480V: 010A

#### THD:

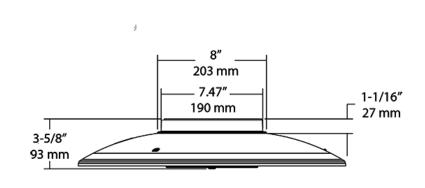
15.84% at 480V

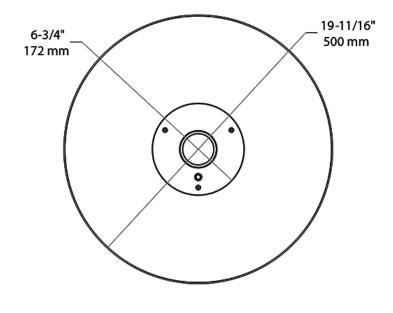
#### **Power Factor:**

97.5% at 480V

Dimensions	









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