



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	45W
120V	0.39A	Color Temp	3000K (Warm)
208V	0.22A	Color Accuracy	71 CRI
240V	0.19A	L70 Lifespan	100,000 Hours
277V	0.17A	Lumens	5,747 lm
Input Watts	46.2W	Efficacy	124.4 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 warranted 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.

Electrical

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

Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

Battery Backup Light Loss Factor:

0.175

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 150W Metal Halide

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

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

Technical Specifications (continued)

Sensor Settings

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 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

5-Year, No-Compromise 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.

Dimensions



Ordering Matrix

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

¹ Available only for T5 and T5C distribution

² Applies to 120-277V

³ Consult Factory