



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	28W
120V	0.24A	Color Temp	4000K (Neutral)
208V	0.14A	Color Accuracy	76 CRI
240V	0.12A	L70 Lifespan	100,000 Hours
277V	0.11A	Lumens	3,951 lm
Input Watts	28.6W	Efficacy	138.1 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-efficiency, 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 IESlm-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 100W 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)

Sensor Settings

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 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

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.

Technical Specifications (continued)

Electrical

Driver:

Class 2, 50/60Hz, 120-277V, 4kV standard, 10kV optional, 120V: 0.24A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

THD:

11.64% at 120V, 14.55% at 277V

Power Factor:

98.78% at 120V, 91.5% at 277V

Dimensions



Ordering Matrix

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

¹ Available only for T5 and T5C distribution

² Applies to 120-277V

³ Consult Factory