IVAT5S-100LWM740GU/WS2



121.6 LPW



Low profile, low glare. Edge-lit technology unlike any other.

Color: Gray Weight: 20.0 lbs

Project:	Туре:
Prepared By:	Date:

LED Info Driver Info Type Constant Current Watts 94.00W 120V 0.83A Color Temp 4000K (Neutral) 208V 0.48A Color Accuracy 72 CRI 240V 0.42A L70 Lifespan 100,000 277V 0.36A Lumens 11,508

Efficacy

Technical Specifications

Listings

UL Listed:

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 LM-80

California Title 24:

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

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PB8M9A6J

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations at 25°C

LEDs:

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

Color Stability:

LED color temperature is warrantied 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 C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

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

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Housing:

Precision die-cast aluminum

IES Classification:

Type VS distributes light in a square symmetrical pattern and is meant for large, commercial parking lot lighting as well as areas where sufficient, evenly distributed light is necessary

Mounting:

Wall mount

Lens:

Input Watts 94.60W

Efficiency 99%

Diffused Polymethyl Methacrylate (PMMA)

Effective Projected Area:

EPA = 0.61

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Sensor Specifications

Multi Level Motion Sensor:

*40 ft. diameter coverage from 20 ft. height.

Technical Specifications (continued)

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 <u>rablighting.com/warranty</u>.

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.

Optical

BUG Rating:

B3 U0 G2

Electrical

optional

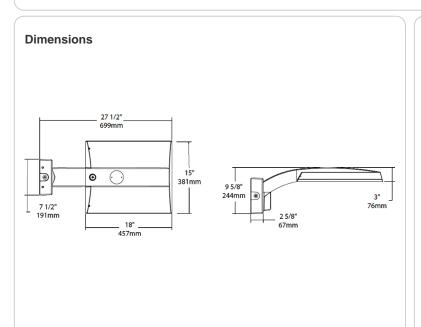
Driver:Class 2, 50/60Hz, 120-277V, 4kV standard, 10kV

THD:

4.8% at 120V, 8.3% at 277V

Power Factor:

99.8% at 120V, 96.6% at 277V



Features

0-10V Dimming, standard 100,000-Hour LED lifespan

Ordering Matrix									
Family	Distribution	Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option	
IVA	T5S	- 100L	WM	740	G	U	/WS2		
	T2 = Type II T3 = Type III T4 = Type IV T5S = Type V Square FT = Forward Throw	45L = 4,500 lumens (38V 75L = 7,500 lumens (67V 100L = 10,00 lumens (94V 130L = 13,00 lumens (117W)	V) Pole Adapter WM = Wall W) mount SF = Slipfitter V)	750 = 70CRI 5000K 740 = 70CRI 4000K 730 = 70CRI 3000K	Z = Bronze W = White G = Roadway Gray K = Black	U = 120-277V 0-10V Dimming H = 347-480V, 0-10V Dimming	Blank = No Options /WS = 8ft lens Wattstopper /WS2 = 20ft lens Wattstopper /WS4 = 40ft lens Wattstopper //PR = 7-Pin receptacle	Blank = No Lightcloud® /LC = Lightcloud® Controller	