# IVAT5S-100LWM740GU/WS4





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

Color: Gray Weight: 20.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info	0	LED Info			
Туре	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		
Input Watts	94.60W	Efficacy	121.6 LPW		

# **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:

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:

\*100 ft. diameter maximum coverage from 40 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 Driver:

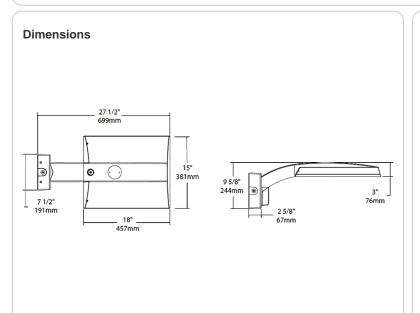
Class 2, 50/60Hz, 120-277V, 4kV standard, 10kV optional

#### 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	/WS4		
	T2 = Type II T3 = Type III T4 = Type IV T5S = Type V Square FT = Forward Throw		45L = 4,500 lumens (38W) 75L = 7,500 lumens (67W) 100L = 10,000 lumens (94W) 130L = 13,000 lumens (117W)	PA = Universal Pole Adapter WM = Wall mount SF = Slipfitter	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	