# IVAT2-100LWM740KH/WS

# RAB



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

Color: Black

Weight: 19.4 lbs

Proje	ect:	Type:			
Prepa	ared By:	Date:			
Driver Ir	nfo	LED Info			
Туре	Constant Current	Watts	94W		
120V	N/A	Color Temp	4000K (Neutral)		
208V	N/A	Color Accuracy	/ 73 CRI		
240V	N/A	L70 Lifespan	100,000 Hours		
277V	N/A	Lumens	10,207 lm		

### **Technical Specifications**

Compliance

UL Listed:

Suitable for wet locations

#### IESNA LM-79 &lm-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNAIm-79 andIm-80

#### **IP Rating:**

Ingress protection rating of IP66 for dust and water

#### 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. Designed to meet DLC 5.1 requirements. DLC Product Code: S-296W5R

#### Electrical

#### Driver:

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

#### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:** 12.27% at 480V

Power Factor: 96% at 480V

#### Performance

Lifespan:

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

#### 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.

#### Construction

Input Watts 96W

**Cold Weather Starting:** The minimum starting temperature is -40°C (-40°F)

Efficacy

106.3 lm/W

Maximum Ambient Temperature:

Suitable for use in up to  $40^{\circ}C$  ( $104^{\circ}F$ )

#### Housing:

Precision die-cast aluminum

#### **IES Classification:**

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

#### Lens:

Diffused Polymethyl Methacrylate (PMMA)

## Effective Projected Area:

EPA = 0.61

#### Finish:

Formulated for high durability and long-lasting color

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## **Technical Specifications (continued)**

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Sensor Specifications

Multi Level Motion Sensor:

\*48 ft diameter maximum coverage from 8 ft height.

### Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.

### Installation

Mounting: Wall mount

#### Optical

BUG Rating: B3 U0 G3

## Other

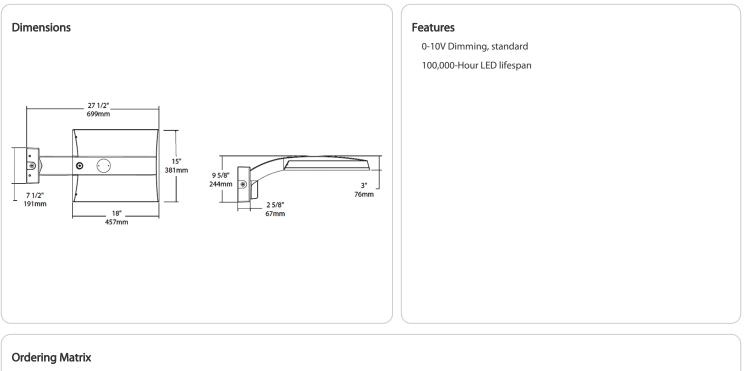
### Warranty:

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.

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Family	Distribution		Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option
IVA	T2	-	100L	WM	740	К	Н	/WS	
	T2 = Type II T3 = Type III T4 = Type IV T55 = Type V Square FT = Forward Throw		<b>45L</b> = 4,500lm (38W) <b>75L</b> = 7,500lm (67W) <b>100L</b> = 10,000lm (94W) <b>130L</b> = 13,000lm (117W) <sup>1</sup>	PA = Universal Pole Mount WM = Wall mount SF = Slipfitter	<b>750 =</b> 70CRI 5000K <b>740 =</b> 70CRI 4000K <b>730 =</b> 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 /7PR = 7-Pin receptacle	Blank = No Lightcloud® /LC = Lightcloud® Controller <sup>2</sup>
					<sup>1</sup> Applies to Type <sup>2</sup> Applies 12				
			* All va	alues are nominal	,,		heet for more details.		