IVAT2-100LSF750KH/WS4

RAB



Project: Type: **Prepared By:** Date: **LED Info Driver Info Constant Current** Watts 94W Туре 120V N/A Color Temp 5000K (Cool) 208V N/A Color Accuracy 75 CRI

Color: Black

Weight: 12.9 lbs

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-ALZOJG

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%.

240V

277V

N/A

N/A

Input Watts 96.2W

THD: 12.31% 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

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

L70 Lifespan

Lumens

Efficacy

100,000 Hours

11,058 lm

114.9 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.

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Effective Projected Area:

EPA = 2.1

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Technical Specifications (continued)

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.

Handheld Wireless Configuration Tool:

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

Optical

BUG Rating: B3 U0 G3

Other

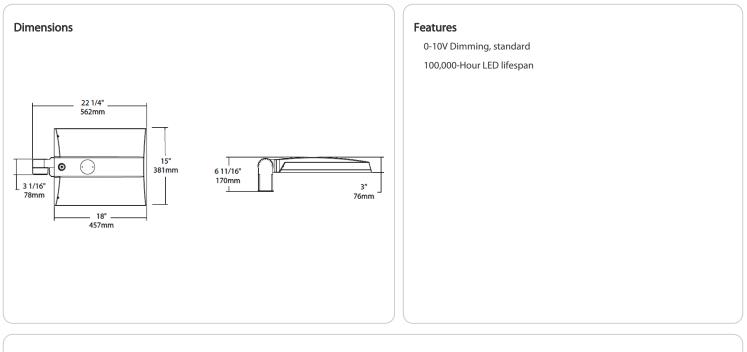
Warranty:

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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Ordering Matrix

Family	Distribution	Lumen Outpu	t Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option	
IVA	T2	– 100L	SF	750	К	Н	/WS4		
	T2 = Type II T3 = Type III T4 = Type IV T55 = Type V Square FT = Forward Throw	45L = 4,500lr (38W) 75L = 7,500lr (67W) 100L = 10,000lm (94V 130L = 13,000lm (117W) ¹	Pole Mount 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 /7PR = 7-Pin receptacle	Blank = No Lightcloud® /LC = Lightcloud® Controller ²	
¹ Applies to Type IV, V Square ² Applies 120-277V									
	* All values are nominal with +/- 10% tolerance. See spec sheet for more details.								