IVAT3-45LSF730WH/WS

RAB



Proje	ect:	Туре:				
Prep	ared By:	Date:				
Driver Ir	nfo	LED Info				
Туре	Constant Current	Watts	38W			
120V	N/A	Color Temp	3000K (Warm)			
208V	N/A	Color Accurac	y 81 CRI			
240V	N/A	L70 Lifespan	100,000 Hours			
277V	N/A	Lumens	4.621 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-DO5WF0

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: 12.79% at 480V

Power Factor: 96.2% 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 42.7W

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

Efficacy

108.2 lm/W

Maximum Ambient Temperature: Suitable for use in up to 40°C (104°F)

Housing:

Precision die-cast aluminum

IES Classification:

The Type III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Effective Projected Area:

EPA = 2.1

IVAT3-45LSF730WH/WS

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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:

*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.

Optical

BUG Rating: B1 U0 G2

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Other

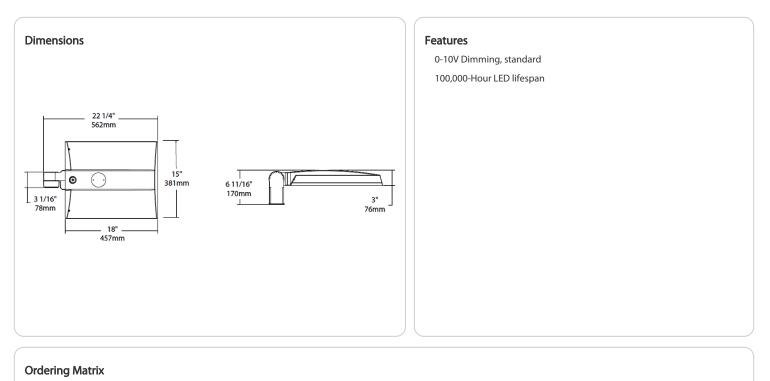
Warranty:

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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Distribution	Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option
Т3	– 45L	SF	730	W	Н	/WS	
T2 = Type II T3 = Type III T4 = Type IV T55 = Type V Square FT = Forward Throw	45L = 4,500lm (38W) 75L = 7,500lm (67W) 100L = 10,000lm (94W) 130L = 13,000lm (117W) ¹	PA = Universal 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
			² Applies 12	0-277V			
	T2 = Type II T3 = Type III T4 = Type IV T55 = Type V Square FT = Forward	T2 = Type II [*] 45L = 4,500lm T3 = Type III [*] (38W) T4 = Type IV [*] 75L = 7,500lm T5S = Type V (67W) Square [*] 100L = FT = Forward 10,000lm (94W) Throw [*] 13,000lm (117W) ^{*1} 1000 -	T2 = Type II 45L = 4,500Im PA = Universal T3 = Type III (38W) Pole Mount T4 = Type IV 75L = 7,500Im WM = Wall T5S = Type V (67W) mount Square 100L = SF = Slipfitter FT = Forward 10,000Im (94W) 130L = Throw 13,000Im (117W) ¹	T2 = Type II 45L = 4,500lm (38W) PA = Universal Pole Mount 750 = 70CRI 5000K T4 = Type IV 75L = 7,500lm (67W) WM = Wall mount 740 = 70CRI 4000K T5S = Type V Square* 100L = SF = Slipfitter 730 = 70CRI 4000K FT = Forward Throw* 10,000lm (94W) 130L = 3000K 730 = 70CRI 4000K 11,000lm (117W) 130L = 13,000lm (117W) 140 = 200K	T2 = Type II 45L = 4,500Im PA = Universal 750 = 70CRI Z = Bronze T3 = Type III (38W) Pole Mount 740 = 70CRI G = Roadway T5S = Type V (67W) mount 730 = 70CRI G = Roadway Square* 100L = SF = Slipfitter 730 = 70CRI K = Black FT = Forward 130L = 3000K 3000K K = Black 13,000Im (117W) ¹ * * Applies to Type IV, V Square	T2 = Type II ¹ T3 = Type III ¹ T4 = Type IV ¹ T5S = Type V 45L = 4,500 Im (38W) PA = Universal Pole Mount 750 = 70CRI 5000K Z = Bronze W = White U = 120-277V 0-10V Dimming T5S = Type V Square [*] FT = Forward Throw [*] 75L = 7,500 Im (67W) WM = Wall mount 740 = 70CRI 4000K G = Roadway Gray H = 347-480V, 0-10V Dimming SF = Slipfitter 10,000 Im (94W) 130L = 13,000 Im (117W) ¹ SF = Slipfitter 730 = 70CRI 3000K K = Black Dimming	T2 = Type II T3 = Type III T4 = Type IV T4 = Type IV T5S = Type V Square' FT = Forward Throw' 45L = 4,500Im (38W) 75L = 7,500Im (67W) 100L = 13,000Im (117W) ¹ PA = Universal Pole Mount WM = Wall mount SF = Slipfitter 750 = 70CRI 5000K 740 = 70CRI 4000K 730 = 70CRI 3000K Z = Bronze W = White G = Roadway Gray X = Black U = 120-277V 0-10V Dimming H = 347-480V, 0-10V Dimming Blank = No Options /WS = 8ft lens Wattstopper FT = Forward Throw' 100L = 13,000Im (117W) ¹ SF = Slipfitter 750 = 70CRI 4000K 730 = 70CRI 3000K Gray K = Black U = 120-277V 0-10V Dimming Blank = No Options /WS = 8ft lens Wattstopper 100L = 13,000Im (117W) ¹ SF = Slipfitter 750 = 70CRI 3000K Gray K = Black U = 120-277V 0-10V Dimming Blank = No Options /WS = 8ft lens Wattstopper * 100L = 13,000Im (117W) ¹ SF = Slipfitter 750 = 70CRI 3000K Gray K = Black V = 120-277V Witstopper * 130L = 13,000Im (117W) ¹ *