IVAT5S-45LWM740WU/7PR

RAB



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

Title 24 Compliant:

An IVELOT edge-lit area light can be used with a motion sensor or photocell control option to comply with 2016 Title 24 Part 6 Section 130.2 (a,b,v)

IP Rating:

Ingress protection rating of IP66 for dust and water

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements. DLC Product Code: S-FSYW2R

Electrical

Driver:

Class 2, 50/60Hz, 120-277V, 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: 9.13% at 120V, 19.84% at 277V

Power Factor: 98.8% at 120V, 90.2% at 277V

7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

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

Prepa	ared By:	Date:	
Driver Ir	nfo	LED Info	
Туре	Constant Current	Watts	38W
120V	0.33A	Color Temp	4000K (Neutral)
208V	0.19A	Color Accuracy	y 72 CRI

Type:

Color Uniformity:

Project:

240V

277V

0.17A

0.14A

Input Watts 37.4W

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.

L70 Lifespan

Lumens

Efficacy

100,000 Hours

4,801 lm

128.4 lm/W

Construction

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

Maximum Ambient Temperature:

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

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

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Effective Projected Area:

EPA = 0.61

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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.

Installation

Mounting: Wall mount

Optical

BUG Rating: B3 U0 G3

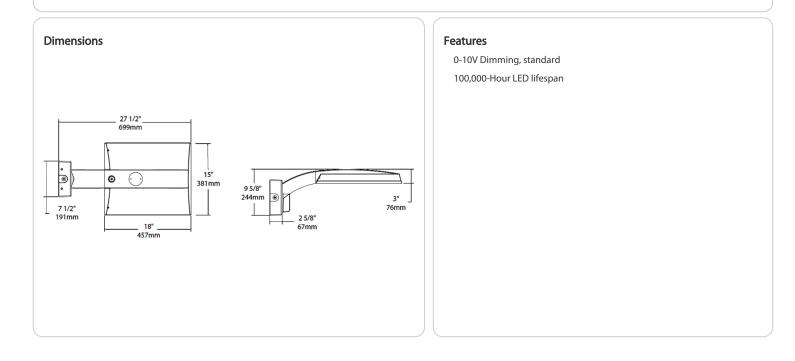
Other

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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RAE	3

Ordering	g Matrix							
Family	Distribution	Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option
IVA	T5S	- 45L	WM	740	W	U	/7PR	
	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
				¹ Applies to Type				
		* All va	alues are nominal v	² Applies 12 with +/- 10% tole		heet for more details.		