IVAT5S-100LWM740WU/7PR

RAB



Project:		Type: Date:		
Prepare	ed By:			
Driver Info		LED Info		
Туре	Constant Current	Watts	94W	
120V	0.83A	Color Temp	4000K (Neutral)	
208V	0.48A	Color Accuracy	72 CRI	
240V	0.42A	L70 Lifespan	100,000 Hours	
277V	0.36A	Lumens	11,508 lm	
Input Watts	94.6W	Efficacy	121.6 lm/W	

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-2N53L0

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: 4.8% at 120V, 8.3% at 277V

Power Factor: 99.8% at 120V, 96.6% 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

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)

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

IVAT5S-100LWM740WU/7PR

RAB

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

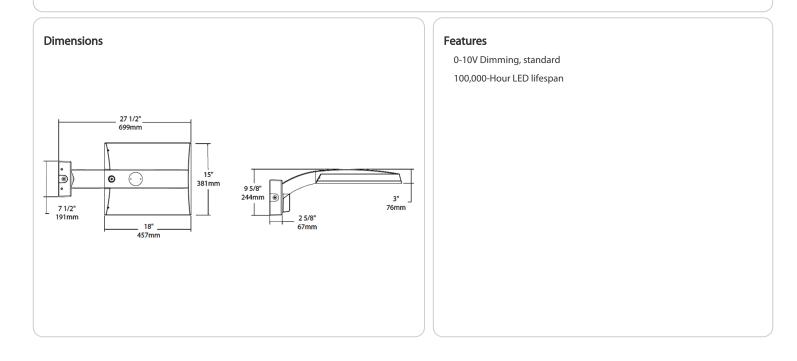
Other

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.



IVAT5S-100LWM740WU/7PR

RAB

Ordering Matrix											
amily	Distribution	Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option			
VA	T5S	– 100L	WM	740	W	U	/7PR				
	T2 = Type II T3 = Type III	45L = 4,500lm (38W)	PA = Universal Pole Mount	750 = 70CRI 5000K	Z = Bronze W = White	U = 120-277V 0-10V Dimming	Blank = No Options /WS = 8ft lens	Blank = No Lightcloud®			
	T4 = Type IV	75L = 7,500lm	WM = Wall	740 = 70CRI	G = Roadway	H = 347-480V, 0-10V	Wattstopper	/LC = Lightcloud			
	T5S = Type V	(67W)	mount	4000K	Gray	Dimming	/WS2 = 20ft lens	Controller			
	Square	100L =	SF = Slipfitter	730 = 70CRI	K = Black		Wattstopper				
	FT = Forward	10,000lm (94W)		3000K			/WS4 = 40ft lens				
	Throw	130L =					Wattstopper				
		13,000lm					/7PR = 7-Pin				
		(117W)					receptacle				