IVAT5S-100LSF750ZU/LC

RAB



Technical Specifications

Lightcloud

Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more at www.lightcloud.com

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-M8IVLU

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:

4.7% at 120V, 8.5% at 277V

Power Factor:

99.8% at 120V,96.9% at 277V

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations at $25^\circ \rm C$

LED Characteristics

LEDs: Long-life, high-efficacy, surface-mount LEDs Color Stability:

Constant Current

0.83A

0.48A

0.42A

0.36A

Project:

Prepared By:

Driver Info

Type 120V

208V

240V

277V

Input Watts 97W

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Type:

Date:

LED Info

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 74 CRI

94W

5000K (Cool)

100,000 Hours

11,577 lm

119.4 lm/W

Watts

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°C (104°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)

IVAT5S-100LSF750ZU/LC

Technical Specifications (continued)

Effective Projected Area:

EPA = 0.61

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

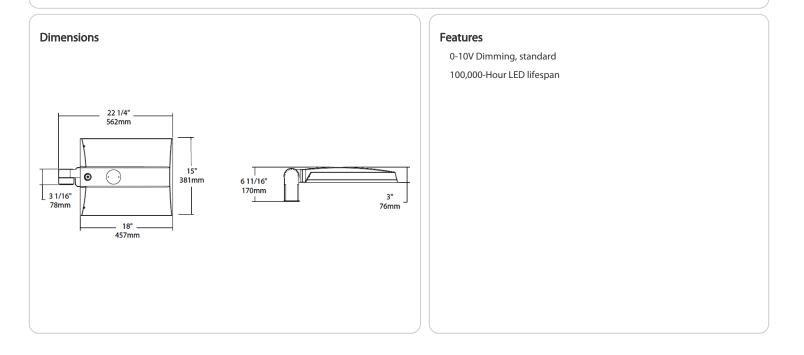
Other

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