IVAT5S-75LSF740ZH/WS/LC



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.

Listings

UL Listing:

Suitable for wet locations

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and I M-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)

Electrical

Driver:

Class 2, 50/60Hz, 347-480V 4kV standard, 10kV optional

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

6.56% at 480V

Power Factor:

93.7% at 480V

LED Characteristics

Lifespan:

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

LEDs:

Long-life, High efficiency, micro-power, surface mount $\ensuremath{\mathsf{LEDs}}$

Color Stability:

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

Color Uniformity:

RAB's range of CCT (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

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in 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

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Effective Projected Area:

EPA = 0.61

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. 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

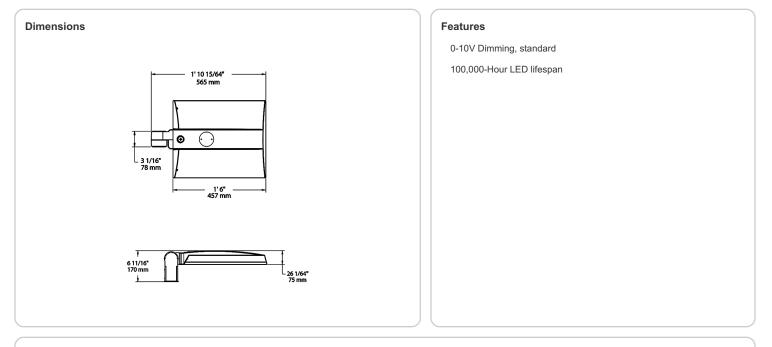
Buy American Act Compliance:

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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| Project: Prepared By: Driver Info | | Туре: | |
|---|---------------------------------------|---|---|
| | | Date: | |
| | | LED Info | |
| Driver Info | | LED Info | |
| Туре: | Constant Current | Watts: | 67W |
| Type: 120V: | Constant Current N/A | Watts: Color Temp: | 4000K (Neutral) |
| Type: 120V: 208V: | Constant Current N/A N/A | Watts: Color Temp: Color Accuracy: | 4000K (Neutral) 72 CRI |
| Type: 120V: 208V: 240V: | Constant Current N/A N/A N/A | Watts: Color Temp: Color Accuracy: L70 Lifespan: | 4000K (Neutral) 72 CRI 100,000 |
| Type: 120V: 208V: | Constant Current N/A N/A | Watts: Color Temp: Color Accuracy: | 4000K (Neutral) 72 CRI 100,000 8,525 |
| Type: 120V: 208V: 240V: | Constant Current N/A N/A N/A | Watts: Color Temp: Color Accuracy: L70 Lifespan: | 4000K (Neutral) 72 CRI 100,000 |

IVAT5S-75LSF740ZH/WS/LC



Ordering Matrix

| Family | Distribution | Lumen Output | Mounting | CRI/CCT | Finish | Voltage/Driver | Sensor Options | Lightcloud Option |
|--------|--|---|--|---|---|---|---|--|
| IVA | T5S | 75L | SF | 740 | Z | Н | /WS | /LC |
| | T2 = Type II T3 = Type III T4 = Type IV T5S = Type V Square FT = Forward Throw | 45L = 4,500 lumens (38W) 75L = 7,500 lumens (67W) 100L = 10,000 lumens (94W) 130L = 13,000 lumens (117W) | PA = Universal Pole Adapter 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 |