IVAT4-100LPA750KU/WS2/LC

RAB



Low profile, low glare. Edge-lit technology unlike any other.

Color: Black

Weight: 15.0 lbs

| Project: | | Туре: | |
|--------------|------------------|----------------|---------------|
| Prepared By: | | Date: | |
| Driver Info | | LED Info | |
| Туре | Constant Current | Watts | 94W |
| 120V | 0.83A | Color Temp | 5000K (Cool) |
| 208V | 0.48A | Color Accuracy | 74 CRI |
| 240V | 0.42A | L70 Lifespan | 100,000 Hours |
| 277V | 0.36A | Lumens | 11,361 lm |
| Input Watts | 94.6W | Efficacy | 120.1 lm/W |

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

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 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-WFSE7Y

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: 3.4% at 120V, 7.6% at 277V

Power Factor:

99.9% at 120V, 96.8% at 277V

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 250W Pulse Start Metal Halide

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°C (104°F)

Housing:

Precision die-cast aluminum

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Technical Specifications (continued)

IES Classification:

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

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 Settings

Multi Level Motion Sensor: *40 ft diameter coverage from 20 ft height.

Installation

Mounting:

Universal pole adapter

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