IVAT2-100LPA750KU/WS4/LC

RAB



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

Color: Black

Weight: 14.8 lbs

Project:		Туре:	
Prepare	d By:	Date:	
Driver Info		LED Info	
Туре	Constant Current	Watts	94W
120V	0.83A	Color Temp	5000K (Cool)
208V	0.48A	Color Accuracy	75 CRI
240V	0.42A	L70 Lifespan	100,000 Hours
277V	0.36A	Lumens	10,739 lm
Input Watts	91.9W	Efficacy	116.9 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 about Lightcloud.

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-E2YZBO

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:

4.58% at 120V, 8.38% at 277V

Power Factor:

99.8% at 120V, 96.5% at 277V

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°C (104°F)

Housing:

Precision die-cast aluminum

IES Classification:

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

IVAT2-100LPA750KU/WS4/LC

RAB

Technical Specifications (continued)

Mounting:

Universal pole adapter

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:

*100 ft diameter maximum coverage from 40 ft height.

Optical

BUG Rating: B3 U0 G3

Other

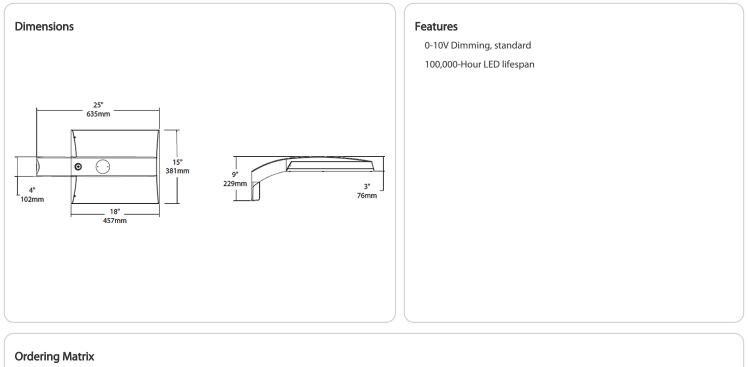
Warranty:

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.

IVAT2-100LPA750KU/WS4/LC



CRI/Color Distribution Voltage/Driver Lightcloud Option Family Lumen Output Mounting Finish Sensor Options Temp IVA T2 100L PA 750 Κ U /WS4 /LC T2 = Type II 45L = 4,500lm PA = Universal 750 = 70CRI Z = Bronze U = 120-277V 0-10V Blank = No Options Blank = No Dimming (38W) Pole Mount 5000K W = White /WS = 8ft lens Lightcloud[®] T3 = Type III /LC = Lightcloud® **75L =** 7,500lm WM = Wall 740 = 70CRI H = 347-480V, 0-10V T4 = Type IV^{*} $\mathbf{G} = \mathsf{Roadway}$ Wattstopper (67W) 4000K /WS2 = 20ft lens Controller² mount Gray Dimming T5S = Type V SF = Slipfitter 730 = 70CRI 100L = K = BlackWattstopper Square 10,000lm (94W) 3000K /WS4 = 40ft lens FT = Forward 130L = Wattstopper Throw 13,000lm /7PR = 7-Pin (117W) receptacle ¹ Applies to Type IV, V Square ² Applies 120-277V * All values are nominal with +/- 10% tolerance. See spec sheet for more details.