IVAT3-100LPA730KU/7PR/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 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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements. DLC Product Code: S-Q1YBA9

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:

4.51% at 120V, 8.86% at 277V

Power Factor:

99.8% at 120V, 96.3% 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:

Constant Current

0.83A

0.48A

0.42A

0.36A

Input Watts 91.1W

Project:

Prepared By:

Driver Info

Type 120V

208V

240V

277V

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

Type:

Date:

LED Info

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 81 CRI

94W

3000K (Warm)

100,000 Hours

9,588 lm

105.2 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

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Technical Specifications (continued)

IES Classification:

The Type III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

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.

Optical

BUG Rating: B2 U0 G3

Other

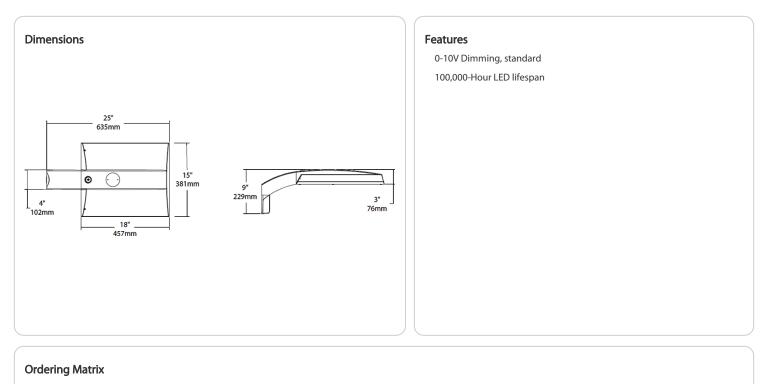
Warranty:

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.

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CRI/Color Distribution Lightcloud Option Family Lumen Output Mounting Finish Voltage/Driver Sensor Options Temp IVA Τ3 100L PA 730 Κ U /7PR /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 **740 =** 70CRI **H** = 347-480V, 0-10V T4 = Type IV^{*} WM = Wall $\mathbf{G} = \mathsf{Roadway}$ Wattstopper (67W) 4000K /WS2 = 20ft lens Controller² mount Gray Dimming T5S = Type V 730 = 70CRI SF = Slipfitter 100L = $\mathbf{K} = \mathbf{B}$ lack Wattstopper 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.