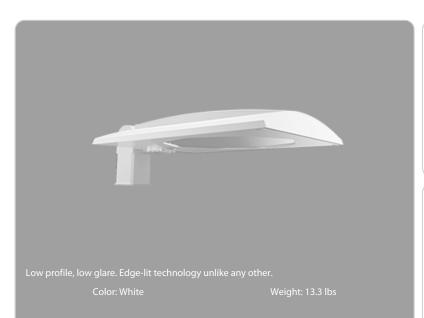
# IVAT2-45LSF750WU/WS4/LC

# RAB



| Proje             | ect:             | Type:         | Туре:         |  |  |  |
|-------------------|------------------|---------------|---------------|--|--|--|
| Prep              | ared By:         | Date:         |               |  |  |  |
| Driver Ir         | nfo              | LED Info      |               |  |  |  |
| Туре              | Constant Current | Watts         | 38W           |  |  |  |
| 120V              | 0.33A            | Color Temp    | 5000K (Cool)  |  |  |  |
| 208V              | 0.19A            | Color Accurac | y 75 CRI      |  |  |  |
| 240V              | 0.17A            | L70 Lifespan  | 100,000 Hours |  |  |  |
| 277V              | 0.14A            | Lumens        | 4,340 lm      |  |  |  |
| Input Watts 37.1W |                  | Efficacy      | 117 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-KJQU2A

# 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:

8.57% at 120V, 17.36% at 277V

#### **Power Factor:**

99% at 120V, 91% 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.

# IVAT2-45LSF750WU/WS4/LC

# **Technical Specifications (continued)**

#### 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:

\*100 ft diameter maximum coverage from 40 ft height.

# Optical

BUG Rating: B1 U0 G2

# Other

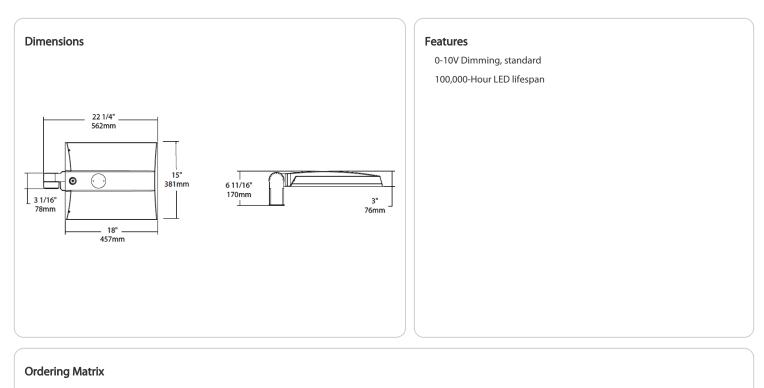
# Warranty:

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.

# IVAT2-45LSF750WU/WS4/LC



| Family   | Distribution   | Lumen Output  | Mounting  | CRI/Color<br>Temp   | Finish  | Voltage/Driver  | Sensor Options  | Lightcloud Option   |  |  |
|--|--|---|---|---|---|---|---|---|--|--|
| IVA  | T2   | – 45L   | SF  | 750   | W   | U   | /WS4  | /LC   |  |  |
|  | T2 = Type II<br>T3 = Type III<br>T4 = Type IV<br>TS5 = Type V<br>Square<br>FT = Forward<br>Throw | <b>45L</b> = 4,500lm<br>(38W)<br><b>75L</b> = 7,500lm<br>(67W)<br><b>100L</b> =<br>10,000lm (94W)<br><b>130L</b> =<br>13,000lm<br>(117W) <sup>1</sup> | PA = Universal<br>Pole Mount<br>WM = Wall<br>mount<br>SF = Slipfitter | <b>750</b> = 70CRI<br>5000K<br><b>740</b> = 70CRI<br>4000K<br><b>730</b> = 70CRI<br>3000K | Z = Bronze<br>W = White<br>G = Roadway<br>Gray<br>K = Black | U = 120-277V 0-10V<br>Dimming<br>H = 347-480V, 0-10V<br>Dimming | Blank = No Options<br>/WS = 8ft lens<br>Wattstopper<br>/WS2 = 20ft lens<br>Wattstopper<br>/WS4 = 40ft lens<br>Wattstopper<br>/7PR = 7-Pin<br>receptacle | Blank = No<br>Lightcloud®<br>/LC = Lightcloud®<br>Controller <sup>2</sup> |  |  |
| <sup>1</sup> Applies to Type IV, V Square<br><sup>2</sup> Applies 120-277V |  |   |   |   |   |   |   |   |  |  |
|  | * All values are nominal with +/- 10% tolerance. See spec sheet for more details.                |   |   |   |   |   |   |   |  |  |