



| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | )                | LED Info       |               |
|-------------|------------------|----------------|---------------|
| Type        | Constant Current | Watts          | 94W           |
| 120V        | 0.83A            | Color Temp     | 3000K (Warm)  |
| 208V        | 0.48A            | Color Accuracy | 80 CRI        |
| 240V        | 0.42A            | L70 Lifespan   | 100,000 Hours |
| 277V        | 0.36A            | Lumens         | 10,167 lm     |
| Input Watts | 92.8W            | Efficacy       | 109.6 lm/W    |
|             |                  |                |               |
|             |                  |                |               |

# **Technical Specifications**

## 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 and Im-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-K8WTUB

#### **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:

4.71% at 120V, 0.879% at 277V

#### **Power Factor:**

99.8% at 120V, 96.4% 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:

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.

#### Mounting:

Universal pole adapter

#### Lens:

Diffused Polymethyl Methacrylate (PMMA)



# **Technical Specifications (continued)**

# **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:**

B3 U0 G3

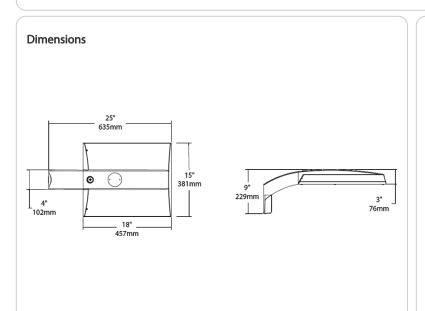
# Other

#### 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 rablighting.com/warranty.

#### **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.



# **Features**

0-10V Dimming, standard 100,000-Hour LED lifespan

# IVAT2-100LPA730WU/7PR



| amily Distribution   | Lumen Output  | Mounting  | CRI/Color Temp  | Finish  | Voltage/Driver  | Sensor Options  | Lightcloud Option   |
|--|---|---|---|---|---|---|---|
| IVA T2   | - 100L  | PA  | 730   | W   | U   | /7PR  |   |
| T2 = Type II  T3 = Type III  T4 = Type IV  T5S = Type V  Square  FT = Forward  Throw | 45L = 4,500lm<br>(38W)<br>75L = 7,500lm<br>(67W)<br>100L =<br>10,000lm (94W)<br>130L =<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 | <b>Blank</b> = No<br>Lightcloud®<br><b>/LC</b> = Lightcloud <sup>©</sup><br>Controller <sup>2</sup> |
|  |   |   | <sup>1</sup> Applies to Type  | IV, V Square  |   |   |   |