## IVAT5S-100LWM730ZU

# RAB



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

Color: Bronze

Weight: 20.0 lbs

| Project:    |                  | Туре:         |               |  |  |
|-------------|------------------|---------------|---------------|--|--|
| Prep        | ared By:         | Date:         |               |  |  |
| Driver Info |                  | LED Info      |               |  |  |
| Туре        | Constant Current | Watts         | 94W           |  |  |
| 120V        | 0.83A            | Color Temp    | 3000K (Warm)  |  |  |
| 208V        | 0.48A            | Color Accurac | y 83 CRI      |  |  |
| 240V        | 0.42A            | L70 Lifespan  | 100,000 Hours |  |  |
| 277V        | 0.36A            | Lumens        | 10,032 lm     |  |  |

## **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 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-GKW4IP

#### 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:** 5.1% at 120V, 29.3% at 277V

**Power Factor:** 99.8% at 120V, 96.4% at 277V

#### Performance

Lifespan:

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

Input Watts 94.5W

**Cold Weather Starting:** The minimum starting temperature is -40°C (-40°F)

Efficacy

106.2 lm/W

**Maximum Ambient Temperature:** Suitable for use in up to 40°C (104°F)

#### Housing:

Precision die-cast aluminum

#### **IES Classification:**

Type VS distributes light in a square symmetrical pattern and is meant for large, commercial parking lot lighting as well as areas where sufficient, evenly distributed light is necessary

#### 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.

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## **Technical Specifications (continued)**

#### Installation

Mounting:

Wall mount

Optical

**BUG Rating:** 

B3 U0 G2

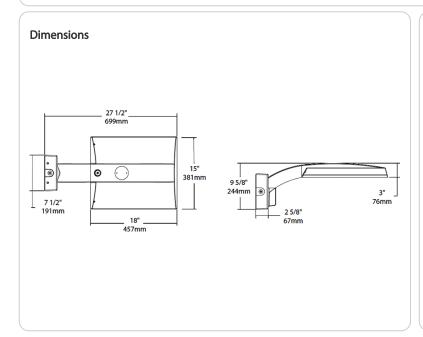
#### Other

#### 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.



### Features

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

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