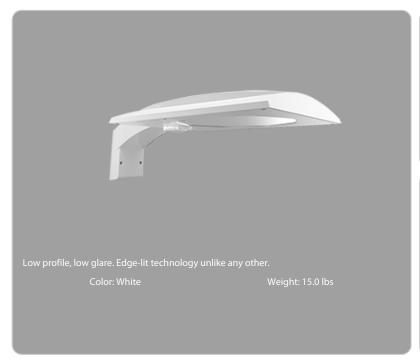
# IVAT4-100LPA740WU/WS2/LC





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

| Driver Info |                  | LED Info       |                 |  |
|-------------|------------------|----------------|-----------------|--|
| Type        | Constant Current | Watts          | 94W             |  |
| 120V        | 0.83A            | Color Temp     | 4000K (Neutral) |  |
| 208V        | 0.48A            | Color Accuracy | 72 CRI          |  |
| 240V        | 0.42A            | L70 Lifespan   | 100,000 Hours   |  |
| 277V        | 0.36A            | Lumens         | 10,832 lm       |  |
| Input Watts | 94.6W            | Efficacy       | 114.5 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 at www.lightcloud.com

# 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

### IP Rating:

Ingress protection rating of IP66 for dust and water

### California Title 24:

Can be used to conform with the requirements of California Title 24 Part 6.

### **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-SXV45C

### **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:

4.3% at 120V, 8.4% at 277V

### Power Factor:

99.8% at 120V, 96.7% at 277V

### Performance

### Lifespan:

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

## Wattage Equivalency:

Equivalent to 250W Pulse Start Metal Halide

### **LED Characteristics**

### I FDs:

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

# IVAT4-100LPA740WU/WS2/LC



# **Technical Specifications (continued)**

### **IES Classification:**

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

### 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 Settings**

### **Multi Level Motion Sensor:**

\*40 ft diameter coverage from 20 ft height.

### Installation

## Mounting:

Universal pole adapter

### Other

### Warranty:

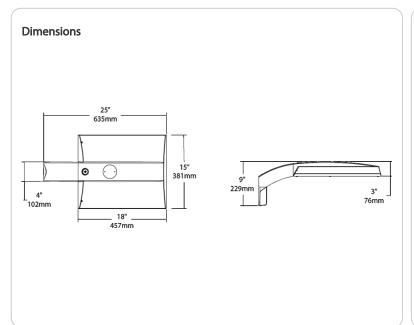
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions 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.

# IVAT4-100LPA740WU/WS2/LC





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

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