# LOT4T65N/480/D10





Specification grade area lights available in IES Type IV distributions. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Best-in-class 5-G vibration rating. 5 Year Warranty.

Color: Bronze Weight: 20.9 lbs

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

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 65W    |
| 120V:        | N/A              | Color Temp:     | 4000K  |
| 208V:        | N/A              | Color Accuracy: | 72 CRI |
| 240V:        | N/A              | L70 Lifespan:   | 100000 |
| 277V:        | N/A              | Lumens:         | 6,612  |
| Input Watts: | 67W              | Efficacy:       | 99 LPW |
| Efficiency:  | 98%              |                 |        |
|              |                  |                 |        |

## **Technical Specifications**

#### Listings

## **UL Listing:**

Suitable for wet locations

#### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

### **Electrical**

#### Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.15A

### THD:

13.8% at 480V

# Power Factor:

94.3% at 480V

## **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

### **Surge Protection:**

4kV

# Optical

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### **Full Cutoff:**

Full cutoff optics conform with dark sky requirements.

### Construction

#### **IES Classification:**

The Type IV distribution (also known as a Forward Throw) produces a semicircular distribute, and is especially suited for mounting on sides of buildings or walls and perimeter of parking areas.

#### **Effective Projected Area:**

EPA = 0.8

# Vibration Rating:

Industry-leading 5G vibration rating per ANSI C136.31.

# **Cold Weather Starting:**

Minimum starting temperature is -40° F (-40° C)

# **Ambient Temperature:**

Suitable for use in 104° F (40° C) ambient temperatures.

#### Housing:

Precision die-cast aluminum housing

## Mounting:

Mounts to RAB square poles. Mounts to all square and round poles if optional Universal Pole Adaptor is used.

## Lens:

Clear acrylic lens with integrated optics

## IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Gaskets:

High temperature silicone gaskets.

#### Finish:

Formulated for high-durability and long lasting color.

## **Green Technology:**

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## **LED Characteristics**

# LEDs:

Long-life, high-efficiency surface mount LEDs

### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

#### **Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

# Other

# 5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5 years.

### Replacement:

Replaces 150W Metal Halide.



# **Technical Specifications (continued)**

Other

### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

## **Buy American Act Compliant:**

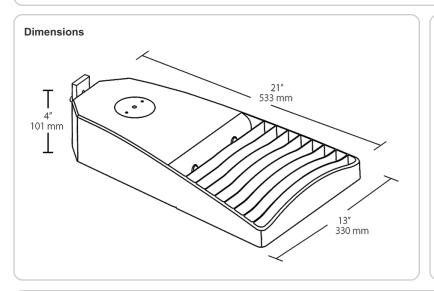
This product is a COTS item manufactured in the United States, and is compliant with the Buy American

# Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.



### Features

100,000-hour LED lifespan

Type IV distribution

5-year warranty

| Ordering Matrix |                     |  |  |   |  |  |  |             |  |
|-----------------|---------------------|--|--|---|--|--|--|-------------|--|
| Family          | IES<br>Type         | Wattage  | Color Temp   | Finish  | Driver Options                           | Mounting   | Sensor Options   | Accessories |  |
| LOT             | 4T                  | 65   | N  |   | /480/D10                                 |  |  |             |  |
|                 | <b>4T</b> = Type IV | 160 =         Blank =         Blank =         /D10 = 120-277V, 0-10V           160W         5000K (Cool)         Bronze         Dimming (standard)           110 =         N = 4000K         W = White         /480/D10 = 480V, 0-10V           110W         (Neutral)         Dimming           65 =         Y = 3000K         (Warm) | Blank = Mounts to RAB<br>square poles<br>/UPA = Universal Pole | Blank = None  /PCT = 120-277V Twistlock PC  /PCT4 = 480V Twistlock PC | Blank = None /HS = 2 House- Side-Shields |  |  |             |  |
|                 |                     |  |  | Dimming   | Adaptor                                  | /WS2 = Wattstopper Sensor + 20ft<br>lens, 120-277V<br>/WS4 = Wattstopper Sensor + 40ft<br>lens, 120-277V |  |             |  |
|                 |                     |  |  |   |  |  | /5PR = 5-Pin Receptacle, no PCT  |             |  |
|                 |                     |  |  |   |  |  | / <b>7PR</b> = 7-Pin Receptacle, no PCT / <b>BL</b> = Bi-Level Dimming, 120- |             |  |
|                 |                     |  |  |   |  |  | 277V   |             |  |