# LOT2T110Y/480/D10/UPA/5PR



Specification grade area lights available in IES Type II distributions. For use in parking lots, roadways, pathways and general area lighting. Best-in-class 5-G vibration rating. 5-year warranty.

Color: Bronze

Weight: 22.7 lbs

Optical

paths.

FPA = 0.8

temperatures.

Housing:

Mounting:

Lens:

Lifespan:

Construction

**IES Classification:** 

Vibration Rating:

100,000-hour LED lifespan based on IES LM-80

The Type II distribution is meant for lighting large

walkways, on ramps, entrace roadways and bike

areas, located by the roadside. Typically found on wide

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

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

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

Precision die-cast aluminum housing.

Mounts to all square and round poles.

Clear acrylic lens with integrated optics

results and TM-21 calculations.

**Effective Projected Area:** 

**Cold Weather Starting:** 

**Ambient Temperature:** 

# **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.

#### Dark Sky Approved:

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaries that minimize glare, reduce light trespass, and don't pollute the night sky.

# Electrical

## Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0 26A

#### THD:

14.2% at 480V

#### **Power Factor:**

92.3% at 480V

#### 5-Pin Receptacle:

ANSI C136.41 5-pin receptacle, compatible with wireless control systems

#### **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

# Project: Type: Prepared By: Date: **Driver Info** LED Info

Watts:

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

| Туре:        | Constant Current |
|--------------|------------------|
| 120V:        | N/A              |
| 208V:        | N/A              |
| 240V:        | N/A              |
| 277V:        | N/A              |
| Input Watts: | 114W             |
| Efficiency:  | 96%              |

**IP Rating:** 

Ingress Protection rating of IP66 for dust and water

High temperature silicone gaskets.

Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

used to achieve LEED Credits for Light Pollution Reduction.

#### 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.

Gaskets:

# Finish:

Formulated for high-durability and long lasting color.

## Green Technology:

Mercury and UV free. RoHS compliant components.

### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be



110W

3000K

72 CRI

100000

12.110

106 LPW



# **Technical Specifications (continued)**

### Other

### 5 Yr Limited Warranty:

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

### **Replacement:**

Replaces up to 250W Metal Halide.

# 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:**

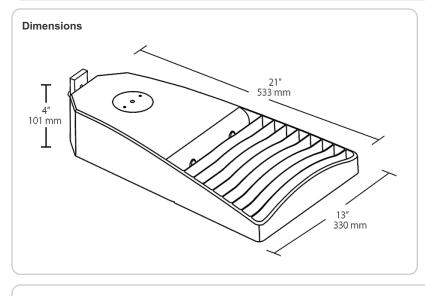
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### **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

Lightweight design and low EPA minimize pole load

Best-in-class 5-G vibration rating

100,000-hour LED lifespan

5-year warranty

# **Ordering Matrix**

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