# LOT2T110N/480/D10/UPA/HS





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

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	110W	
120V:	N/A	Color Temp:	4000K	
208V:	N/A	Color Accuracy:	72 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	9,138	
Input Watts:	112W	Efficacy:	81 LPW	
Efficiency:	97%			

## **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: 0.26A

### THD:

14.2% at 480V

# Power Factor:

92.3% 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 II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrace roadways and bike paths.

#### **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.

### House Side Shield:

External house-side shield accessory included to reduce light trespass.

# Mounting:

Mounts to all square and round poles.

# 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.

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# **Technical Specifications (continued)**

Other

### 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:**

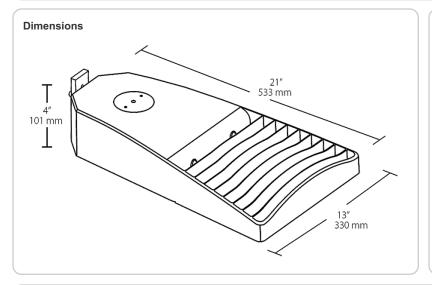
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

### 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 Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories		
LOT	2T	110	N		/D10	/UPA		/HS		
	2T = Type II	160W 5000 <b>110</b> = <b>N</b> =	<b>Blank</b> = 5000K (Cool) <b>N</b> = 4000K	Blank = Bronze W = White		Blank = Mounts to RAB square poles /UPA = Universal Pole	Blank = None  /PCT = 120-277V Twistlock PC  /PCT4 = 480V Twistlock PC	Blank = None /HS = 2 House- Side-Shields		
		110W <b>65</b> = 65W	( )		' = 3000K	Dimming	Adaptor	/WS2 = Wattstopper Sensor + 20ft lens, 120-277V /WS4 = Wattstopper Sensor + 40ft lens, 120-277V		
							/5PR = 5-Pin Receptacle, no PCT			
							/7PR = 7-Pin Receptacle, no PCT			
							/BL = Bi-Level Dimming, 120- 277V			