# LOT2T110W/D10/UPA/7PR





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: White Weight: 22.7 lbs

Project:	Туре:
Prepared By:	Date:

	LED Info	
Constant Current	Watts:	110W
0.93A	Color Temp:	5000K
0.56A	Color Accuracy:	72 CRI
0.49A	L70 Lifespan:	100000
0.42A	Lumens:	12,706
111W	Efficacy:	115 LPW
99%		
	0.93A 0.56A 0.49A 0.42A 111W	Constant Current Watts: 0.93A Color Temp: 0.56A Color Accuracy: 0.49A L70 Lifespan: 0.42A Lumens: 111W Efficacy:

## **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, 100-277V, 50/60 Hz, 120V: 0.93A, 208V: 0.56A, 240V: 0.49A, 277V: 0.42A

### THD

6.7% at 120, 9.1% at 277V

## Power Factor:

99.3% at 120V, 95.4% at 277V

## 7-Pin Receptacle:

ANSI C136.41 7-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:**

L-N 4kV; L-Earth 6kV

## 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.

# 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.



## **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:**

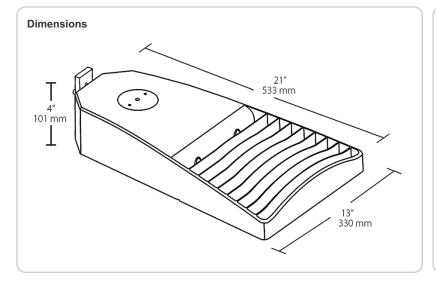
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## 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	<b>Driver Options</b>	Mounting	Sensor Options	Accessories		
LOT	2T	110		W	/D10	/UPA	/7PR			
	2T = Type II	<b>160</b> = 160W <b>110</b> =	Blank = 5000K (Cool) N = 4000K	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming (standard) /480/D10 = 480V, 0-10V	Blank = Mounts to RAB square poles /UPA = Universal Pole Adaptor	Blank = None  /PCT = 120-277V Twistlock PC  /PCT4 = 480V Twistlock PC	Blank = None /HS = 2 House- Side-Shields		
		110W <b>65</b> = 65W	(Neutral) <b>Y</b> = 3000K (Warm)		Dimming		/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			