# LOT5T110/D10/PCT





Specification grade area lights available in IES Type V distributions. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings. Best-in-class 5-G vibration rating. 5-year warranty.

Color: Bronze Weight: 20.9 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:	12,876
111W	Efficacy:	116 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

#### Photocell:

120-277V Twistlock Photocell Included. Photocell is compatible with 120V-277V.

#### THD:

6.7% at 120, 9.1% at 277V

#### **Power Factor:**

99.3% at 120V, 95.4% at 277V

## **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 V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings.

## **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.



## **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:**

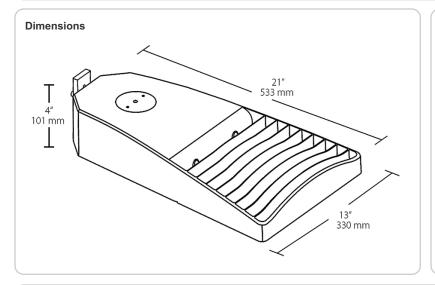
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## 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

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