# LOT4T110/D10/UPA/PCT





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: 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:	12,008
111W	Efficacy:	108 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 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 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:**

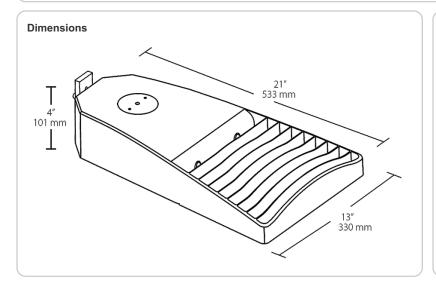
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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**

100,000-hour LED lifespan

Type IV distribution

5-year warranty

Ordering Matrix										
Family	IES Type	Wattage	Color Temp	Finish	<b>Driver Options</b>	Mounting	Sensor Options	Accessories		
LOT	4T	110			/D10	/UPA	/PCT			
	<b>4T</b> = Type IV	Type IV 160W 5000K ( 110 = N = 40	<b>Blank</b> = 5000K (Cool) <b>N</b> = 4000K	Blank = Bronze W = White	Inize Dimming (standard) square poles /PCT = 120-277V Twi White /480/D10 = 480V, 0-10V Dimming / Dimming Adaptor / WS2 = Wattstopper Set lens, 120-277 /WS4 = Wattstopper Set lens	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	(Neutral) <b>Y</b> = 3000K (Warm)			/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			