# LOT4T110N/D10/UPA/HS





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:

Driver Info		LED Info		
Type:	Constant Current	Watts:	110W	
120V:	0.93A	Color Temp:	4000K	
208V:	0.56A	Color Accuracy:	72 CRI	
240V:	0.49A	L70 Lifespan:	100000	
277V:	0.42A	Lumens:	6,280	
Input Watts:	108W	Efficacy:	58 LPW	
Efficiency:	N/A			

## **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

## **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.

## 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.

# LOT4T110N/D10/UPA/HS



## **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:**

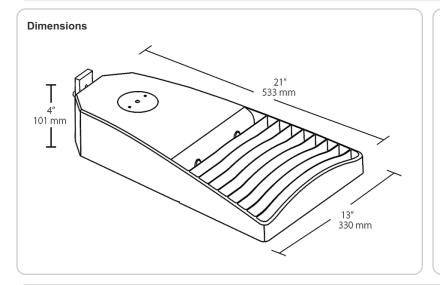
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## 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	Driver Options	Mounting	Sensor Options	Accessories	
LOT	4T	110	N		/D10	/UPA		/HS	
	<b>4T</b> = Type IV	<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			