# LOT2T110/D10/5PR



110W

5000K

72 CRI

100000

12,706

115 LPW



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: 20.9 lbs

# **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

#### 5-Pin Receptacle:

ANSI C136.41 5-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.

**Project:** 

**Driver Info** 

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

# 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 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:

Constant Current

0.93A

0.56A

0.49A

0.42A

111W

99%

Ingress Protection rating of IP66 for dust and water

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts

## 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.

# LOT2T110/D10/5PR



# **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.

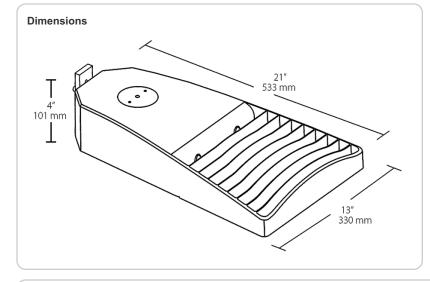
# Features

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			/D10		/5PR	
	<b>2T =</b> Type II	<b>160</b> = 160W <b>110</b> = 110W <b>65</b> = 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	Blank = None /HS = 2 House- Side-Shields
							/WS2 = Wattstopper Sensor + 20ft lens, 120-277V /WS4 = Wattstopper Sensor + 40ft lens, 120-277V	
							/ <b>5PR</b> = 5-Pin Receptacle, no PCT / <b>7PR</b> = 7-Pin Receptacle, no PCT	
							<b>/BL</b> = Bi-Level Dimming, 120- 277V	