# LOT2T110YW/480/D10/PCT4



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: 20.9 lbs

Optical

paths.

FPA = 0.8

temperatures.

Housing:

Mounting:

Lens:

Lifespan:

Construction

**IES Classification:** 

Vibration Rating:

100,000-hour LED lifespan based on IES LM-80

The Type II distribution is meant for lighting large

walkways, on ramps, entrace roadways and bike

areas, located by the roadside. Typically found on wide

Industry-leading 5G vibration rating per ANSI C136.31.

Mounts to RAB square poles. Mounts to all square and

round poles if optional Universal Pole Adaptor is used.

Minimum starting temperature is -40° F (-40° C)

Suitable for use in 104° F (40° C) ambient

Precision die-cast aluminum housing.

Clear acrylic lens with integrated optics

results and TM-21 calculations.

**Effective Projected Area:** 

**Cold Weather Starting:** 

**Ambient Temperature:** 

# **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.

#### Dark Sky Approved:

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaries that minimize glare, reduce light trespass, and don't pollute the night sky.

# Electrical

# Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.26A

#### Photocell:

480V Twistlock Photocell Included. Photocell is only compatible with 480V.

#### THD:

14.2% at 480V

### Power Factor:

92.3% at 480V

#### **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:

4kV

Project:	Туре:
Prepared By:	Date:
Driver Info	LED Info

#### Constant Current Type: Watts: 120V: N/A Color Temp: 208V: N/A Color Accuracy: 240V<sup>.</sup> N/A L70 Lifespan: 277V: N/A Lumens: Input Watts: 114W Efficacy: Efficiency: 96%

#### 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.

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

#### **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.



110W

3000K

72 CRI

100000

12.110

106 LPW



# **Technical Specifications (continued)**

# Other

### 5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5 years.

### **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:**

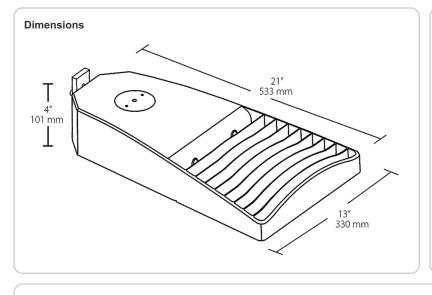
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### **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	Wattag	e Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT 2T	110	Y	W	/480/D10		/PCT4	
2T = Type		Blank = 5000K (Cool) N = 4000K (Neutral) W 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 lens, 120-277V /WS4 = Wattstopper Sensor + 40ft lens, 120-277V /SPR = 5-Pin Receptacle, no PCT /7PR = 7-Pin Receptacle, no PCT /BL = Bi-Level Dimming, 120- 277V	Blank = None /HS = 2 House- Side-Shields