# LOT4T110YW/480/D10/UPA



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: White

## **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

#### 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

## Optical

### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### Construction

Weight: 22.7 lbs

## **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.

**Project:** 

Efficiency:

96%

#### **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.

#### 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.

#### Other

#### 5 Yr Limited Warranty:

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

# Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com

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#### Prepared By: Date: **Driver Info** LED Info Constant Current Watts: 110W Type: 120V: N/A Color Temp: 3000K 208V N/A Color Accuracy: 72 CRI 240\/-100000 N/A L70 Lifespan: 277V: N/A Lumens: 11,445 Input Watts: 114W Efficacy: 100 LPW

Type:



## **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).

# Features

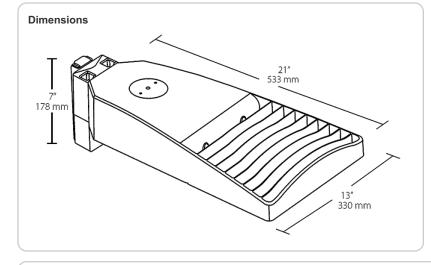
100,000-hour LED lifespan

**GSA Schedule:** 

Suitable in accordance with FAR Subpart 25.4.

Type IV distribution

5-year warranty



## **Ordering Matrix**

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	4T	110	Y	W	/480/D10	/UPA		
	<b>4T</b> = Type IV	<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 /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	Blank = None /HS = 2 House- Side-Shields