# LOT2T110NW/D10/UPA/5PR



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: 22.7 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 all square and round poles.

#### Lens:

Clear acrylic lens with integrated optics

#### IP Rating:

Constant Current

0.93A

0.56A

0.49A

0.42A

109W

N/A

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.



110W

4000K

72 CRI

100000

11.883

110 LPW



# **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:**

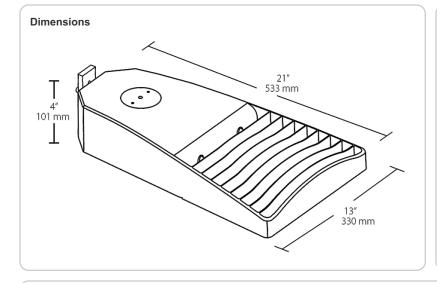
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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	Ν	W	/D10	/UPA	/5PR	
	<b>2T</b> = Type II	<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	Blank = None /PCT = 120-277V Twistlock PC /PCT4 = 480V Twistlock PC	Blank = None /HS = 2 House Side-Shields
		110W <b>65</b> = 65W	(Neutral) Y = 3000K (Warm)		Dimming	Adaptor	/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	
							/ <b>BL</b> = Bi-Level Dimming, 120- 277V	