# LOT2T160W/480/D10/UPA/HS



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, 480V, 50/60 Hz, 480V: 0 35A

# THD:

10% at 480V

### **Power Factor:**

99% at 480V

### **Surge Protection:**

L-N 4kV; L-Earth 6kV

### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

### 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 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.

# 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

Type:

Date:

## 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.



160W

# **Driver Info** LED Info Constant Current Watts:

**Project:** 

Type:

Prepared By:

120V:	N/A	Color Temp:	5000K
208V:	N/A	Color Accuracy:	72 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	12,986
Input Watts:	157W	Efficacy:	83 LPW
Efficiency:	N/A		



# **Technical Specifications (continued)**

## Other

# Replacement:

**Ordering Matrix** 

Replaces up to 400W 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:**

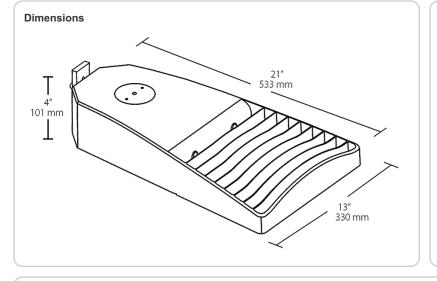
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

### 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

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	2T	160		W	/D10	/UPA		/HS
	<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	g (standard) square poles = 480V, 0-10V /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	( /		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	