# LOT2T160N/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: Bronze Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

Constant Current	Watts:	160W
N/A	Color Temp:	4000K
N/A	Color Accuracy:	72 CRI
N/A	L70 Lifespan:	100000
N/A	Lumens:	16,275
154W	Efficacy:	106 LPW
N/A		
	N/A N/A N/A N/A 154W	N/A Color Temp:  N/A Color Accuracy:  N/A L70 Lifespan:  N/A Lumens:  154W Efficacy:

# **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

#### Photocell:

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

# 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.

### 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:

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.

# **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.



# **Technical Specifications (continued)**

Other

### Replacement:

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:**

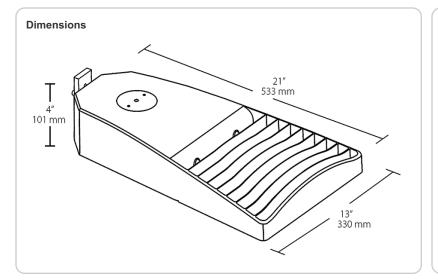
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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

amily	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	
LOT	2T	160	N		/480/D10		/PCT4		
	2T =	160 =	Blank =	Blank =	nze Dimming (standard) square poles /PCT = 1	square poles /UPA = Universal Pole	Blank = None	Blank = None	
	Type II	160W	5000K (Cool)	Bronze			/PCT = 120-277V Twistlock PC	011 01111	
		110 =	N = 4000K	W = White	/480/D10 = 480V, 0-10V		/PCT4 = 480V Twistlock PC		
		110W <b>65</b> = 65W	(Neutral) Y = 3000K	Dimming	000K	Dimming	Adaptor	/WS2 = Wattstopper Sensor + 20ft lens, 120-277V	
			(Warm)				/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		