# LOT2T160YW/D10/7PR





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

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	160W	
120V:	1.35A	Color Temp:	3000K	
208V:	0.83A	Color Accuracy:	73 CRI	
240V:	0.72A	L70 Lifespan:	100000	
277V:	0.61A	Lumens:	16,675	
Input Watts:	160W	Efficacy:	104 LPW	
Efficiency:	N/A			

# **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, 100-277V, 50/60 Hz, 120V: 1.35A, 208V: 0.83A, 240V: 0.72A, 277V: 0.61A

#### THD:

7.8% at 120, 14.3% at 277V

### **Power Factor:**

99.5% at 120V, 93.5% at 277V

# 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

### **Surge Protection:**

L-N 4kV; L-L, L-GND 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.

### 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  $104^{\circ}$  F ( $40^{\circ}$  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.

#### 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.



# **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 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:**

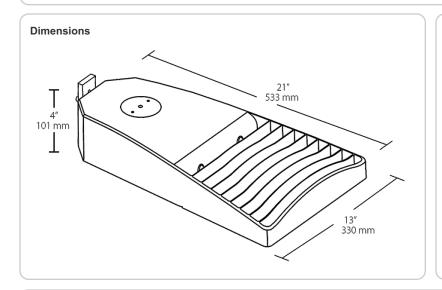
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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

Ordering Matrix								
Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	2T	160	Y	W	/D10		/7PR	
	2T = Type II	160 = 160W 110 = 110W 65 = 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	Blank = None /HS = 2 House Side-Shields
							/5PR = 5-Pin Receptacle, no PCT /7PR = 7-Pin Receptacle, no PCT /BL = Bi-Level Dimming, 120- 277V	