LOT3T110Y/D10/UPA





Specification grade area lights available in IES Type III distributions. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Best-in-class 5-G vibration rating. 5 Year Warranty.

Color: Bronze Weight: 22.7 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	110W
120V:	0.93A	Color Temp:	3000K
208V:	0.56A	Color Accuracy:	72 CRI
240V:	0.49A	L70 Lifespan:	100000
277V:	0.42A	Lumens:	11,846
Input Watts:	110W	Efficacy:	108 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: 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

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.

Construction

IES Classification:

The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

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.



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:

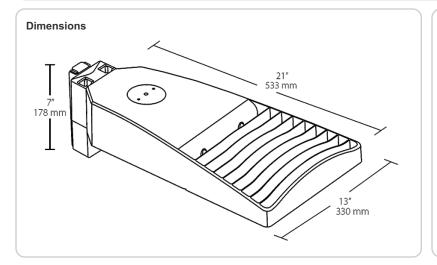
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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

Matrix							
IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
3T	110	Y		/D10	/UPA		
3T = Type III	110 = 110W	5000K (Cool) Br N = 4000K W = (Neutral) Y = 3000K	Cool) Bronze Dimming (standard) square poles OK W = White /480/D10 = 480V, 0-10V /UPA = Universal F al) Dimming Adaptor OK	Dimming (standard) square poles /480/D10 = 480V, 0-10V /UPA = Universal Pole	Blank = None /PCT = 120-277V Twistlock PC /PCT4 = 480V Twistlock PC	Blank = None /HS = 2 House- Side-Shields	
				Dimming	Adaptor	/WS2 = Wattstopper Sensor + 20ft lens, 120-277V	
		(vvaiiii)			/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	
	IES Type 3T 3T =	IES Type Wattage 3T 110 3T = Type III 160 = 160W 110 = 110W	IES Type Wattage Color Temp 3T 110 Y 3T = 160 = Type III 160W 5000K (Cool) 5000K (Cool) 110 = N = 4000K (Neutral) 110W (Neutral)	IES Type Wattage Color Temp Finish 3T 110 Y Y 3T = 160 = Type III 160W = 5000K (Cool) Blank = Bronze 110 = N = 4000K (Neutral) W = White (Neutral) 65 = 65W Y = 3000K	IES Type Wattage Color Temp Finish Driver Options	IES Type Wattage Color Temp Finish Driver Options Mounting	IES Type Wattage Color Temp Finish Driver Options Mounting Sensor Options