LOT4T160N/D10/HS





Specification grade area lights available in IES Type IV distributions. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Best-in-class 5-G vibration rating. 5 Year Warranty.

Color: Bronze Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	160W	
120V:	1.35A	Color Temp:	4000K	
208V:	0.83A	Color Accuracy:	72 CRI	
240V:	0.72A	L70 Lifespan:	100000	
277V:	0.61A	Lumens:	8,911	
Input Watts:	157W	Efficacy:	57 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.

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

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.

Full Cutoff:

Full cutoff optics conform with dark sky requirements.

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) produces a semicircular distribute, and is especially suited for mounting on sides of buildings or walls and perimeter of parking areas.

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 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:

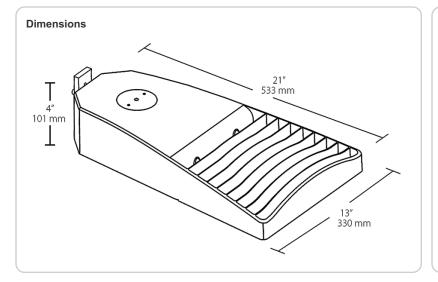
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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

100,000-hour LED lifespan

Type IV distribution

5-year warranty

Matrix								
IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	
4T	160	N		/D10			/HS	
4T = Type IV	160W 5000K (Co	Blank = 5000K (Cool) N = 4000K	Blank = Bronze W = White	Dimming (standard) square poles	Blank = None /PCT = 120-277V Twistlock PC /PCT4 = 480V Twistlock PC	Blank = None /HS = 2 House Side-Shields		
	110W 65 = 65W	(Neutral) Y = 3000K (Warm)			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		
		/BL = Bi-Level Dimming, 120- 277V						
	IES Type 4T	IES Type Wattage 4T 160 4T = 160 = 160W 110 = 110W	IES Type Wattage Color Temp 4T 160 N 4T = 160 = Type IV 160W 5000K (Cool) 110 = N = 4000K (Neutral) N = 4000K (Neutral) 65 = 65W Y = 3000K	IES Type Wattage Color Temp Finish 4T 160 N Image: None of the color temp Finish 4T = 160 = Type IV 160W	IES Type Wattage Color Temp Finish Driver Options 4T 160 N /D10 4T = Type IV 160W 5000K (Cool) 100	IES Type Wattage Color Temp Finish Driver Options Mounting 4T 160 N /D10 4T = Type IV 160W 160W 5000K (Cool) 160W 110W 110W 110W 110W 110W 110W 110W	IES Type Wattage Color Temp Finish Driver Options Mounting Sensor Options	