TBLED4T48NRG/480/D10/7PR



LED roadway lighting that replaces up to 250W MH or 150W HPS. Optics are factory installed and meet IES Distribution Type IV.

Color: Gray

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Minimum of 75° supply conductors

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED fixtures 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

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for illuminating the perimeter of parking areas and for intersections. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

IP Rating:

Ingress Protection rating of IP66 for dust and water

Vibration Rating:

Industry-leading 5G vibration rating per ANSI C136.31.

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -22° F (-30°C).

Thermal Management:

Superior thermal management design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments.

Housing:

Die cast aluminum housing with polycarbonate driver cover.

Lens:

Weight: 9.2 lbs

Clear acrylic lens with integrated optics

Mounting:

Fits most standard roadway upsweep arms. Adaptor brackets supplied fit 1", 1 1/4", 1 1/2" and 2" pipe arms. Fixture can be tilted at the following angles -5°, -2.5°, 0°, +2,5°, +5°.

Input Watts:

Efficiency:

51W

94%

Gaskets:

High temperature silicone gaskets

Effective Projected Area:

EPA = 0.7

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

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:

Multi-chip, high-output, long-life 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.

Project	:	Туре:			
Prepare	ed By:	Date:			
Driver Int	fo	LED Info)	
Type:	Constant Current	Watts:	48W		
120V:	N/A	Color Temp:	5000K		
208V:	N/A	Color Accuracy:	71 CRI		
240V:	N/A	L70 Lifespan:	100000		
277V:	N/A	Lumens:	4,949		

Efficacy:

Electrical

Drivers:

Constant Current, Class 2, 480V, 50-60Hz, 480V: 0.07A

Dimming Driver:

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

7-Pin Receptacle:

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

Surge Protection:

10KV

Optical

BUG Rating:

B1 U0 G1

Other

Equivalency:

Replaces 100W Metal Halide or 70W HPS.

Accessory:

Shorting Cap for 7-Pin Receptacle

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.



97 LPW



Technical Specifications (continued)

Other

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:

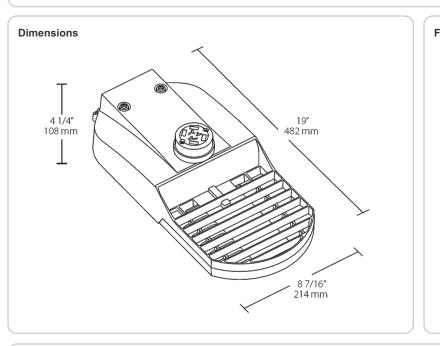
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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).

Trade Agreements Act Compliant:

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



Features

IP66 Rated

Industry-leading 5G vibration rating per ANSI C136.31

GSA Schedule:

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

Suitable in accordance with FAR Subpart 25.4.

100,000-Hour LED lifespan

10-Year limited warranty

Ordering Matrix

Family	IES Type	Wattage	Color Temp	Color	Driver Options	Sensor Options
TBLED	4T	48	Ν	RG	/480/D10	/7PR
	4T = Type IV	95 = 95W 64 = 64W 48 = 48W 32 = 32W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) AY = 2000K (HPS Warm)	RG = Roadway Gray	/D10 = 0-10V Dimming (standard) /480/D10 = 480V 0-10V Dimming	/7PR = 7-Pin Receptacle (standard) /7PRS = 7-Pin Receptacle w/ Shorting Cap /PCT = 120-277V Twistlock Photocell w/ 7-Pin Receptacle /PCT4 = 480V Twistlock Photocell w/ 7-Pin Receptacle