# TBLED4T64NRG/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:

67W

96%

# 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 Inf	fo	LED Info		
Type:	Constant Current	Watts:	64W	
120V:	N/A	Color Temp:	5000K	
208V:	N/A	Color Accuracy:	71 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	6.475	

Efficacy:

# Electrical

### Drivers:

Constant Current, Class 2, 480V, 50-60Hz, 480V: 0.12A

#### **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 175W Metal Halide or 100W 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:**

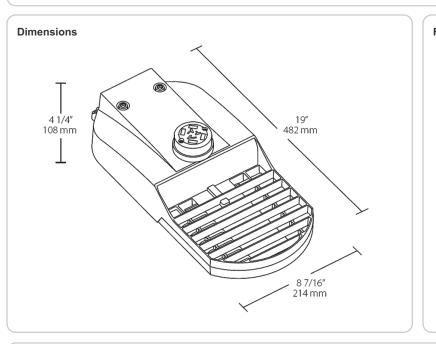
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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.



### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

# Features

IP66 Rated

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

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

100,000-Hour LED lifespan

10-Year limited warranty

# **Ordering Matrix**

Family	IES Type	Wattage	Color Temp	Color	Driver Options	Sensor Options
TBLED	4T	64	Ν	RG	/480/D10	/7PR
	4T = Type IV	<b>95</b> = 95W <b>64</b> = 64W <b>48</b> = 48W <b>32</b> = 32W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) AY = 2000K (HPS Warm)	<b>RG</b> = Roadway Gray	/ <b>D10</b> = 0-10V Dimming (standard) / <b>480/D10</b> = 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