# TBLED3T240NRG/D10/7PR/PCT





LED roadway lighting that replaces up to 400W HPS. Optics are factory installed and meet IES Distribution Type III.

Color: Gray Weight: 36.6 lbs

Project:	Туре:
Prepared By:	Date:

<b>Driver Info</b>		LED Info	
Type:	Constant Current	Watts:	240W
120V:	2.85A	Color Temp:	4000K
208V:	1.17A	Color Accuracy:	71 CRI
240V:	0.86A	L70 Lifespan:	100000
277V:	0.86A	Lumens:	27680
Input Watts:	236W	Efficacy:	117 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:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### **DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: PF50SNFV

# Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 2.85A, 1.175A, 240V: 1.019A, 277V: 0.86A

#### **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

#### Photocell:

120-277V twistlock photocell included. Photocell is compatible with 120-277V.

### THD:

5.8% at 120V, 6% at 277V

#### **Power Factor:**

99.7% at 120V, 96.7% at 277V

#### **Surge Protection:**

10kV

# Optical

#### **BUG Rating:**

B3 U0 G4

### Construction

#### **IES Classification:**

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It has greater streetside (transverse) throw, allowing the light to project outward and fill the area.

### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### **Vibration Rating:**

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

#### **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures

### **Cold Weather Starting:**

Minimum starting temperature is -40°C (-40°F)

#### **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, lens frame and mounting arm

#### 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:  $-5^{\circ}$ ,  $-2.5^{\circ}$ ,  $0^{\circ}$ ,  $2.5^{\circ}$ , and  $5^{\circ}$ .

### **Recommended Mounting Height:**

Up to 35 ft.

#### **Effective Projected Area:**

EPA = 1.7

### Reflector:

Vacuum metalized polycarbonate

# 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.

# TBLED3T240NRG/D10/7PR/PCT



# **Technical Specifications (continued)**

#### Construction

#### Lens:

Clear tempered glass lens

#### **LED Characteristics**

# Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### LEDs:

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

#### **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 C78.377-2017.

#### Other

### 10 Yr Limited Warranty:

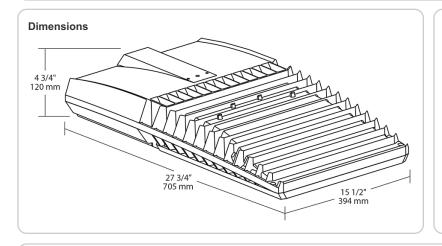
Fixture operation and paint finish are covered for a period of 10 years.

### Replacement:

Replaces 400W HPS

# **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



#### **Features**

IP66 Rated

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

100,000-Hour LED lifespan

10-Year limited warranty

### **Ordering Matrix**

Family	Distribution	Wattage	Color Temp	Finish	Driver Options	Sensor Options
TBLED	3T	240	N	RG	/D10	/7PR/PCT
	4T = Type IV 3T = Type III 2T = Type II	240 = 240W 150 = 150W 100 = 100W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	RG = Gray	/ <b>D10</b> = 0-10V Dimming / <b>480/D10</b> = 480V, 0-10V Dimming	/7PR = 7 Pin Receptacle  /7PR/PCT = 7 Pin Receptacle w/ 120-277V Twistlock Photocell  /PCT4 = 480V Twistlock photocell