# RWLED3T125SFYRG/480/PCS4



LED roadway lighting that's easy to buy. Free trial program and leasing options make it easy to get started with LED. Specification-grade optics deliver efficient, clean, uniform light distributions at a reasonable cost. Optics are factory installed and meet IES Lateral Distribution Type III. LROAD<sup>™</sup> 125W replaces 350W metal halide roadway fixtures.

Color: Gray

Weight: 31.0 lbs

# **Technical Specifications**

### Listings

# UL Listing:

Suitable for wet locations as a downlight.

### 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.

### Dark Sky Approved:

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

# Optical

# Lumen Maintenance:

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

## **BUG Rating:**

B1 U0 G2

# 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.

### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

### **Cold Weather Starting:**

The minimum starting temperature is -40°C/-40°F

# Thermal Management:

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

Efficiency:

93%

### **Effective Projected Area:**

EPA = 2.2

### Housing:

Die cast aluminum housing, lens frame and mounting arm.

# Mounting:

Slipfitter with  $180^{\circ}$  pivot available for mounting on 2 3/8" tenon.

### **Recommended Mounting Height:**

Up to 35 ft.

### Reflector:

Specular vacuum-metallized polycarbonate

# Gaskets:

High temperature silicone gaskets

### 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 Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

### **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 C78.377-2011.

### Electrical

#### Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 347-480V, 50/60Hz, 0.30A, Power Factor 94.1%

# THD:

14.4% at 480V

Ballast Volts:

480V



**Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current Type: Watts 125W 120V: N/A Color Temp: 3000K 208V: N/A Color Accuracy: 83 CRI 240V: N/A L70 Lifespan: 100000 277V: N/A Lumens: 9.100 Input Watts: 134W Efficacy: 68 LPW



# **Technical Specifications (continued)**

## Electrical

# **Surge Protection:**

6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.

# Other

# Equivalency:

# LROAD™ 125W replaces 350W metal halide

# California Title 24:

RWLED3T125SF/PCS4 with the swivel photocell (480V) option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts at mounting heights greater than 24 feet.

## Patents:

Dimensions

The LROAD<sup>™</sup> design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

# Warranty:

20.80

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.

# **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

Ideal for entrance roadways, collector roads, and single-sided roads

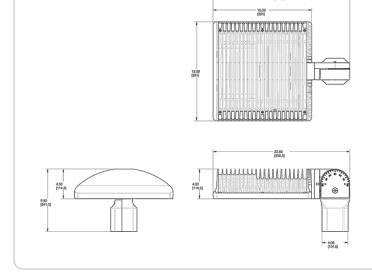
27 year lifespan dramatically reduces maintenance and re-lamping costs

Precision optics deliver maximum downward street side lumens with uniformity and minimal glare

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

Easy-access electrical compartment makes wiring fast and secure

10-Year no compromise warranty



Family	Distribution	Watts	Mount	Color Temp	Finish	Dimming	Voltage	Photocell	Bi-Level
RWLED									
	3T = Type III	<b>125 =</b> 125W	SF = Slipfitter	Blank = 5000K (Cool)	<b>Blank =</b> Bronze	Blank = No Dimming	<b>Blank</b> = 120- 277∨	Blank = No Photocell	Blank = No B Level
				<b>Y</b> = 3000K (Warm)	W = White	/D10 = Dimmable	<b>/480</b> = 480V	/PCS = 120V	/BL = Bi-Leve
				N = 4000K (Neutral)	RG = Gray			Swivel	
								/PCS2 = 277V Swivel	
								/PCS4 = 480V	
								Swivel	