# RWLED4T150SFRG





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 IV. LROAD™ 150W replaces 400W metal halide roadway fixtures.

Color: Gray Weight: 32.0 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Type:	Constant Current	Watts:	150W		
120V:	1.31A	Color Temp:	5000K		
208V:	0.80A	Color Accuracy:	65 CRI		
240V:	0.69A	L70 Lifespan:	100000		
277V:	0.60A	Lumens:	14,349		
Input Watts:	156W	Efficacy:	92 LPW		
Efficiency:	96%				
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### **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 G3

### 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°.

## **Effective Projected Area:**

EPA = 2.2

### 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.

### Housing:

Die cast aluminum housing, lens frame and mounting

### Mounting:

Slipfitter with 180° 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:

7-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, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

### THD:

4.7% at 120V, 13.3% at 277V

### **Surge Protection:**

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



# **Technical Specifications (continued)**

#### Other

### Equivalency:

LROAD™ 150W replaces 400W metal halide

### California Title 24:

See RWLED4T150SF/D10, RWLED4T150SF/BL, RWLED4T150SF/PCS, RWLED4T150SF/PCS2, or RWLED4T150SF/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

#### Patents:

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

#### 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.

### **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:

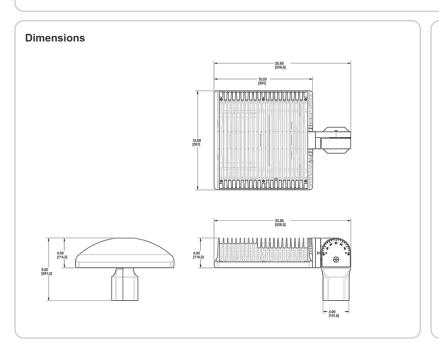
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### **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

Ordering Matrix									
Family	Distribution	Watts	Mount	Color Temp	Finish	Dimming	Photocell	Bi-Level	
RWLED									
	<b>4T</b> = Type IV	<b>150</b> = 150W	SF = Slipfitter	<b>Blank</b> = 5000K (Cool) <b>Y</b> = 3000K (Warm) <b>N</b> = 4000K (Neutral)	Blank = Bronze W = White RG = Gray	Blank = No Dimming /D10 = Dimmable	Blank = No Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel	Blank = No Bi-Level /BL = Bi-Level	