# EZLED78SF/PCS2





This 78W spotlight combines high lumen output and a concentrated narrow beam distribution to illuminate objects up to 80 feet away with brilliant precision. Ideal for lighting large flags, tall building facades and signage.

Color: Bronze Weight: 26.6 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Туре:	Constant Current	Watts:	78W
120V:	N/A	Color Temp:	5000K (Cool)
208V:	0.53A	Color Accuracy:	68 CRI
240V:	0.46A	L70 Lifespan:	100,000
277V:	0.40A	Lumens:	6,357
Input Watts:	89W	Efficacy:	71 LPW
Efficiency:	87%		



# **Technical Specifications**

### Other

### **EZLED78** with Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

#### California Title 24:

EZLED78SF/PCS2 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted at height greater than 24 feet. For mounting heights < 24 feet see EZLED78SF/BL with bi-level operation; additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

## Patents:

The design of EZLED is protected by patents in U.S. Pat D679,856, and pending patents in Canada, China, Taiwan and Mexico.

#### 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.

# Listings

## **UL Listing:**

Suitable for wet locations. Suitable for ground mounting..

### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy 'Lighting Facts" label.

#### Construction

### IP Rating:

Ingress Protection rating of IP66 for dust and water.

## **Effective Projected Area:**

EPA = 1.2

### **Cold Weather Starting:**

Minimum starting temperature is -40°F/-40°C.

### **Ambient Temperature:**

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

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

## Housing:

Precision die-cast aluminum housing and door frame.

### Mounting:

2 3/8" slipfitter mount with stainless steel hardware.

## Lens:

Tempered glass.

## Reflector:

Vacuum-metalized, specular thermoplastic.

#### Gaskets:

High-temperature silicone.

#### 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, and RoHS compliant.

## **LED Characteristics**

#### **LEDs**

Three multi-chip, high-output, long-life LEDs.

### Lifespan:

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

## **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.

# **Technical Specifications (continued)**

## **LED Characteristics**

# **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

# Driver:

3x26W drivers Constant current, Class2, 100-277V. 50/60 Hz, 6KV Surge Protection, 720mA, 100-277V 0.4A, Power Factor 99%.

## THD:

13.7% at 120V

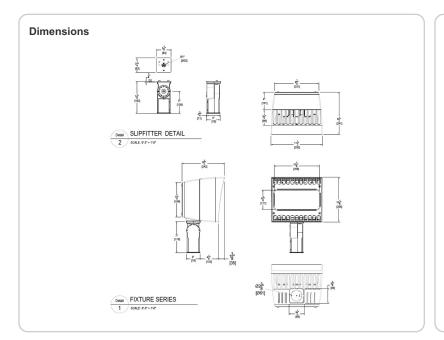
## Optical

## **NEMA Type:**

NEMA Beam Spread of 3H x 3V

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## **Features**

High powered narrow beam spotlight

Illuminates objects at a distance of 80 feet

Available in NEMA type 3H x 3V and 4H x 4V

Trunnion or slipfitter mounting options available

Outperforms equivalent MH fixtures

Ordering Matrix							
Family	Watts	Mount	Color Temp	Beam Spread	Finish	Photocell	Bi-Level
EZLED							
	<b>78</b> = 78W	SF = Slipfitter	Blank = Cool	Blank = 7H x 6V	Blank = Bronze	Blank = No Photocell	Blank = No Bi-Level
			Y = Warm	<b>B44</b> = 4H x 4V	W = White	/PC = 120V Button	/BL = Bi-Level
			N = Neutral	<b>B55</b> = 5H x 5V		/PCS = 120V Swivel	
						/PC2 = 277V Button	
						/PCS2 = 120V Swivel	