# EZLED78SFW/BL





Project:		Туре:		
Preparec	I By:	Date:		
Driver Info		LED Info		
Туре:	Constant Current	Watts:	78W	
120V:	0.82A	Color Temp:	5000K (Cool)	
	0.53A	Color Accuracy:	68 CRI	
208V:				
208V: 240V:	0.46A	L70 Lifespan:	100,000	
	0.46A 0.40A	L70 Lifespan: Lumens:	100,000 6,357	
240V:			,	



## **Technical Specifications**

#### Other

#### EZLED78SF with Bi-Level Operation:

Allows 33%-66%-100% output modes.

#### California Title 24:

EZLED78SF/BL with bi-level operation is compliant with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted up to 24 feet when used with a RAB photo/motion control. Select a photo/motion control using catalog number STL110, STL200 or STL360. Mounting heights greater than 24 feet require only a photocell. See EZLED78SF/PC, EZLED78SF/PC2, EZLED78SF/PCS or EZLED78SF/PCS2 for photocell models.

#### 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 ..

# **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%

#### 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.

## THD

Optical

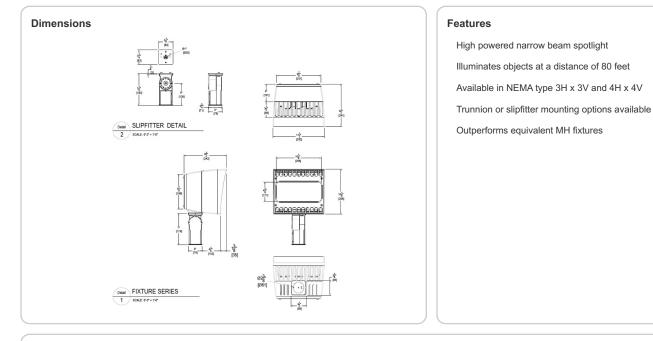
13.7% at 120V

# **NEMA** Type:

NEMA Beam Spread of 3H x 3V

# EZLED78SFW/BL





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