# EZLED78SFB44W/BL





Color: White

Project: Prepared By: Driver Info		Туре:	
		Date:	
		LED Info	
Type: 120V:	Constant Current 0.82A	Watts:	78W 5000K
1201.	0.53A	Color Temp: Color Accuracy:	68 CRI
208\/·	0.00/1		
208V: 240V:	0.46A	L70 Lifespan:	100000
	0.46A 0.40A	L70 Lifespan: Lumens:	100000 6,525
240V:			



## **Technical Specifications**

#### Other

#### EZLED78SF with Bi-Level Operation:

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

#### California Title 24:

EZLED78SFB44/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 EZLED78SFB44/PC, EZLED78SFB44/PC2, EZLED78SFB44/PCS or EZLED78SFB44/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

# Electrical

#### Driver:

3x26W drivers Constant current, Class2, 100-277V. 50/60 Hz, 6KV Surge Protection, 720mA, 100-277V

#### 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.

#### Maximum 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. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### 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.

#### **NEMA** Type: Solid State Lighting (SSL) Products, ANSI C78.377-NEMA Beam Spread of 4H x 4V 2011.

0.4A, Power Factor 98.9%

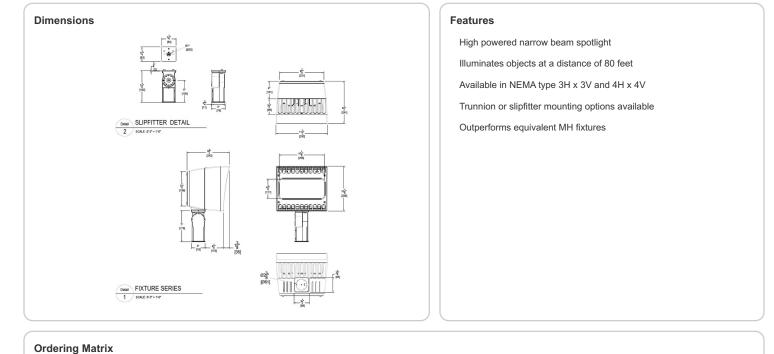
THD

Optical

13.7% at 120V

# EZLED78SFB44W/BL





#### Family Watts Mount Color Temp Beam Spread Finish Photocell **Bi-Level** EZLED **78** = 78W Blank = 5000K (Cool) Blank = 3H x 3V Blank = No Photocell Blank = No Bi-Level SF = Slipfitter Blank = Bronze Y = 3000K (Warm) **B44** = 4H x 4V W = White /PC = 120V Button /BL = Bi-Level N = 4000K (Neutral) /PCS = 120V Swivel /PC2 = 277V Button /PCS2 = 120V Swivel