# EZLED78SFYB44W/BL





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: White Weight: 26.6 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info  |                  | LED Info        |        |  |
|--------------|------------------|-----------------|--------|--|
| Type:        | Constant Current | Watts:          | 78W    |  |
| 120V:        | 0.82A            | Color Temp:     | 3000K  |  |
| 208V:        | 0.53A            | Color Accuracy: | 80 CRI |  |
| 240V:        | 0.46A            | L70 Lifespan:   | 100000 |  |
| 277V:        | 0.40A            | Lumens:         | 5,467  |  |
| Input Watts: | 89W              | Efficacy:       | 61 LPW |  |
| Efficiency:  | 88%              |                 |        |  |



# **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/PCS or EZLED78SFB44/PCS 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.

#### 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:**

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.

# **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:

13.3% at 120V

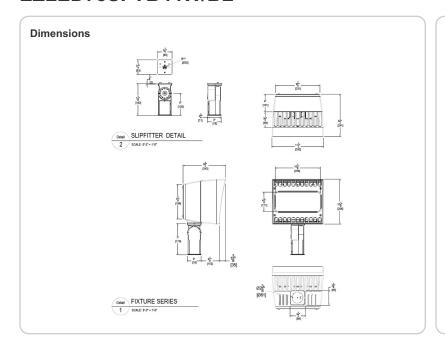
# Optical

# NEMA Type:

NEMA Beam Spread of 4H x 4V

# EZLED78SFYB44W/BL





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