



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:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
 120V: 0.82A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 90W  
 Efficiency: 86%

#### LED Info

Watts: 78W  
 Color Temp: 3000K  
 Color Accuracy: 80 CRI  
 L70 Lifespan: 100000  
 Lumens: 5,466  
 Efficacy: 61 LPW

## Technical Specifications

### Electrical

#### Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

#### Driver:

3x26W drivers Constant current, Class2, 100-277V. 50/60 Hz, 6KV Surge Protection, 720mA, 100-277V 0.4A, Power Factor 99.1%.

#### THD:

13.3% at 120V

### 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.

#### 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.

### Optical

#### NEMA Type:

Standard NEMA Beam 3H x 3V.

### Other

#### California Title 24:

EZLED78SF/PCS 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.

## Technical Specifications (continued)

### Other

#### 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).

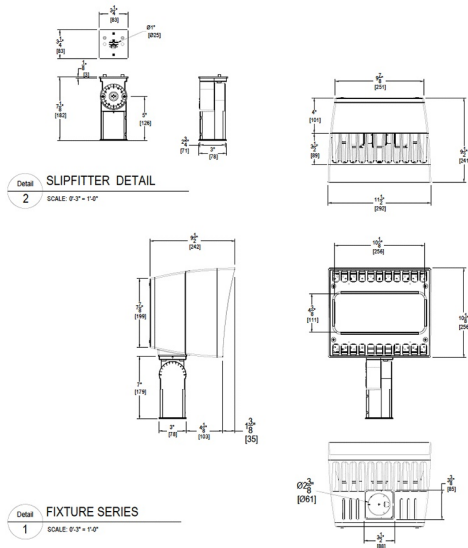
#### Trade Agreements Act Compliant:

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.

## Dimensions



## 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  | 78 = 78W | SF = Slipfitter | Blank = 5000K (Cool)<br>Y = 3000K (Warm)<br>N = 4000K (Neutral) | Blank = 3H x 3V<br>B44 = 4H x 4V | Blank = Bronze<br>W = White | Blank = No Photocell<br>/PC = 120V Button<br>/PCS = 120V Swivel<br>/PC2 = 277V Button<br>/PCS2 = 120V Swivel | Blank = No Bi-Level<br>/BL = Bi-Level |