# EZLED78TB44W

**RAB** LIGHTING

| Project: | | Type: | |
|---|---|---|---|
| **Prepared By:** | | **Date:** | |

### Driver Info

| | | **LED Info** | |
|---|---|---|---|
| Type: | Constant Current | Watts: | 78W |
| 120V: | 0.82A | Color Temp: | 5000K (Cool) |
| 208V: | 0.53A | Color Accuracy: | 68 CRI |
| 240V: | 0.46A | L70 Lifespan: | 100,000 |
| 277V: | 0.40A | Lumens: | 6,525 |
| Input Watts: | 89W | Efficacy: | 73 LPW |
| Efficiency: | 87% | | |

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: 27.5 lbs

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## Technical Specifications

### 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.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

### 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:**

Trunnion mount with cord (18-3AWG STOOW 600V 105° wet location rated 3 ft.).

**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.

**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 98.9%.

**THD:**

13.7% at 120V

### Optical

**NEMA Type:**

NEMA Beam Spread of 4H x 4V

### Other

**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.

Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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# EZLED78TB44W

LIGHTING**RAB**

## Technical Specifications (continued)

### Other

**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.

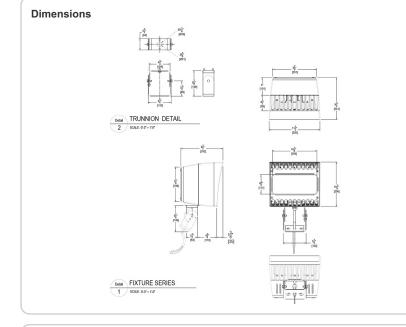### Dimensions



### 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 |
|---|---|---|---|---|---|---|
| EZLED | | | | | | |
| | **78** = 78W | **SF** = Slipfitter | **Blank** = Cool | **Blank** = 7H x 6V | **Blank** = Bronze | **Blank** = No Photocell |
| | | | **Y** = Warm | **B44** = 4H x 4V | **W** = White | **/PC** = 120V Button |
| | | | **N** = Neutral | **B55** = 5H x 5V | | **/PCS** = 120V Swivel |
| | | | | | | **/PC2** = 277V Button |
| | | | | | | **/PCS2** = 120V Swivel |