# EZLED78TB44W/PC2





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

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	78W	
120V:	N/A	Color Temp:	5000K	
208V:	0.53A	Color Accuracy:	68 CRI	
240V:	0.46A	L70 Lifespan:	100000	
277V:	0.40A	Lumens:	6,525	
Input Watts:	89W	Efficacy:	73 LPW	
Efficiency:	87%			

# **Technical Specifications**

### **Electrical**

#### Photocell:

277V Button Photocell Included. Photocell is compatible with 208V-277V.

#### 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

# 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:

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. 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.

### **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:**

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.



# **Technical Specifications (continued)**

Other

### Recovery Act (ARRA) Compliant:

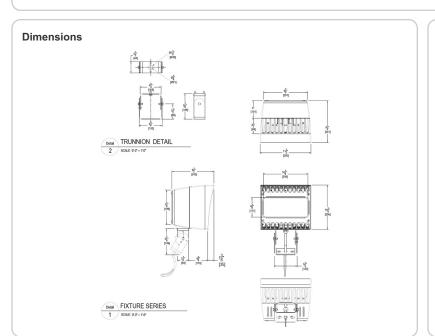
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

# **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.



# **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

dering Matrix						
Family	Watts	Mount	Color Temp	Beam Spread	Finish	Photocell
EZLED						
	<b>78</b> = 78W	SF = Slipfitter	Blank = 5000K (Cool)	Blank = 3H x 3V	Blank = Bronze	Blank = No Photoce
			<b>Y</b> = 3000K (Warm)	<b>B44</b> = $4H \times 4V$	W = White	/PC = 120V Button
			<b>N</b> = 4000K (Neutral)			/PCS = 120V Swivel
						/PC2 = 277V Button
						/PCS2 = 120V Swive