# EZLED78TB44/PCS





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: 27.5 lbs

# **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 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.

# Project: Type: Prepared By: Date: Driver Info LED Info Type: Constant Current Watts: 78W

120V:	0.82A	Color Temp:	5000K
208V:	N/A	Color Accuracy:	68 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	6,525
Input Watts:	89W	Efficacy:	73 LPW
Efficiency:	87%		

#### 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

Dimensions

#### 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

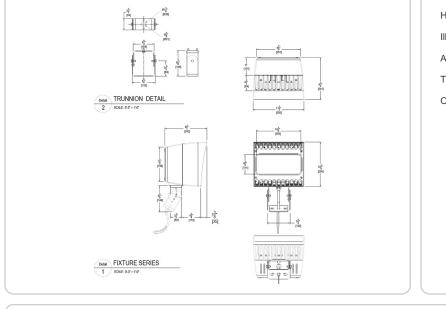
High powered narrow beam spotlight

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



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