EZLED78SFNB44/PCS2

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	N/A
208V:	0.53A
240V:	0.46A
277V:	0.40A
Input Watts:	89W
Efficiency:	88%

LED Info

Watts:	78W
Color Temp:	4000K (Neutral)
Color Accuracy:	82 CRI
L70 Lifespan:	100,000
Lumens:	5,587
Efficacy:	63 LPW

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

Technical Specifications

Other

EZLED78 with Photocell:

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

California Title 24:

EZLED78SFB44/PCS2 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 EZLED78SFB44/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.

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.

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, 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:

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%.
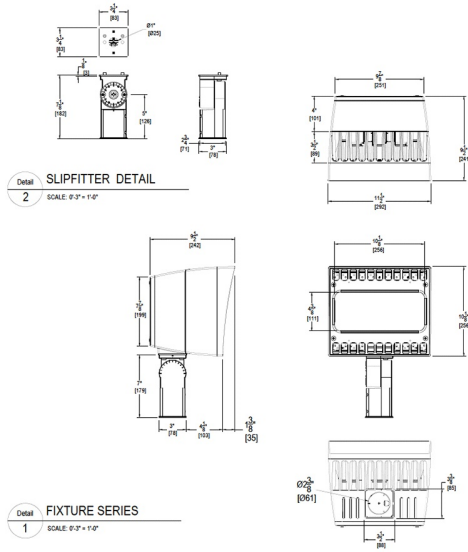
THD:

13.5% at 120V

Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V

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Dimensions

Detail 2 — SLIPFITTER DETAIL — SCALE: 0'-3" = 1'-0"

Detail 1 — FIXTURE SERIES — SCALE: 0'-3" = 1'-0"

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** = Cool	**Blank** = 7H x 6V	**Blank** = Bronze	**Blank** = No Photocell	**Blank** = No Bi-Level
			Y = Warm	**B44** = 4H x 4V	**W** = White	**/PC** = 120V Button	**/BL** = Bi-Level
			N = Neutral	**B55** = 5H x 5V		**/PCS** = 120V Swivel	
						/PC2 = 277V Button	
						/PCS2 = 120V Swivel	

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