

Aim high. Reach far.

Illuminate objects at a distance of 80 feet
with brilliant precision.



EZLED™ 78W SPOTLIGHT

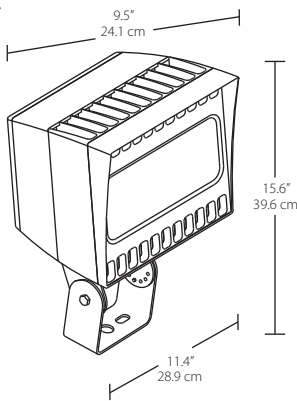
RAB[®]
LIGHTING
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EZLED™ 78W Spotlight

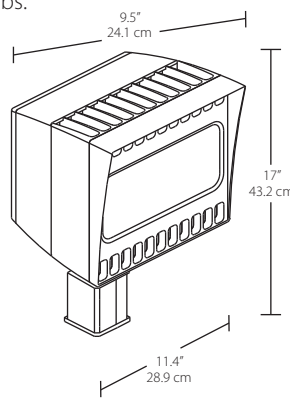
- Best-in-class optics produce ultra-low field-to-beam ratio for incredible photometric performance
- Illuminates objects up to 80 ft. away
- Ideal for building facades, flags and signage
- NEMA Type 3H x 3V or 4H x 4V available
- 100,000-Hour LED lifespan
- 5-Year warranty

Dimensions & Weight

Trunnion Weight:
27.5 lbs.

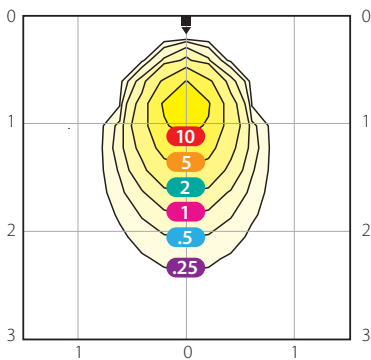


Slipfitter Weight:
26.6 lbs.



Photometrics

EZLED78SF - 30' Mounting Ht., 45° Below Horizon



Mounting Height	Multiplier
25	1.4
28	1.2
30	1.0
32	0.9
35	0.7

*Multiples of Mounting Height Values Shown in Footcandles
Photometric Report #TL80241*

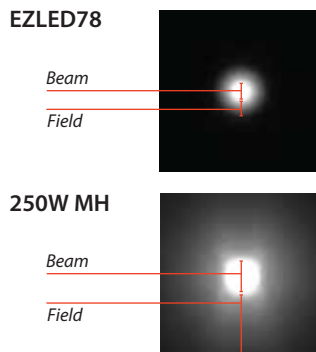
Field & Beam Angles

NEMA Type 3H x 3V	Beam Angle (50%)*	Field Angle (10%)*
Horizontal	26°	46°
Vertical	26°	44°

NEMA Type 4H x 4V	Beam Angle (50%)*	Field Angle (10%)*
Horizontal	37°	55°
Vertical	37°	55°

*Represents percentage of maximum beam candlepower.

Superior field-to-beam ratio focuses the light where it's needed



Specifications

UL Listing: Suitable for wet locations. Suitable for mounting within 4 ft. of the ground.

LEDs: Multi-chip, high-output, long-life LEDs

Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Drivers: Constant current, Class 2, 100-277V, 50/60 Hz, 6kV Surge Protection, 720mA, 100-277V: 0.4 A, THD <20%, Power Factor 99.2%

Input Watts @ 120VAC 89

Output Lumens* 6357

Lumens per Watt* 71

Color Accuracy (CRI)* 68

Correlated Color Temp. (Nominal CCT)* 5000K

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, or trunnion mount with 3 ft. cord

Lens: Tempered glass

Reflector: Vacuum-metalized, specular thermoplastic

NEMA Type: 3H x 3V or 4H x 4V

Gaskets: High-temperature silicone

Finish: Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Color Stability: RAB LED performance exceeds industry standards for chromatic stability

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.

Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

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.

Patents: The design of the EZLED™ is protected by patents pending in US, Canada, China, Taiwan and Mexico.

*Values shown for cool temperature. Visit rabweb.com for neutral and warm.