



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

Project:

Type:

Prepared By:

Date:

Driver Info

Type:	Constant Current
120V:	0.82A
208V:	0.53A
240V:	0.46A
277V:	0.40A
Input Watts:	89W
Efficiency:	87%

LED Info

Watts:	78W
Color Temp:	5000K
Color Accuracy:	68 CRI
L70 Lifespan:	100000
Lumens:	6,357
Efficacy:	71 LPW

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.

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 104°F (40°C) 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 ST00W 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.

Electrical

Driver:

3x26W drivers Constant current, Class2, 100-277V. 50/60 Hz, 6KV Surge Protection, 720mA, 100-277V 0.4A, Power Factor 99%.

THD:

13.7% at 120V

Optical

NEMA Type:

NEMA Beam Spread of 3H x 3V

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.

RAB
LIGHTING

Detail

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TRUNION DETAIL

SCALE: 3/4" = 1'-0"

Detail

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FIXTURE SERIES

SCALE: 3/4" = 1'-0"

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

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