# **EZLED78T/PCT**





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:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	78W
120V:	0.82A	Color Temp:	5000K
208V:	0.53A	Color Accuracy:	68 CRI
240V:	0.46A	L70 Lifespan:	100000
277V:	0.40A	Lumens:	6,357
Input Watts:	89W	Efficacy:	71 LPW
Efficiency:	87%		

## **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 40°C (104°F) ambient temperatures

## **Thermal Management:**

Superior thermal management with external Air-Flow fine

## 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.

## 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

#### Photocell:

120V-277V twistlock photocell included.

## 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.

#### **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:

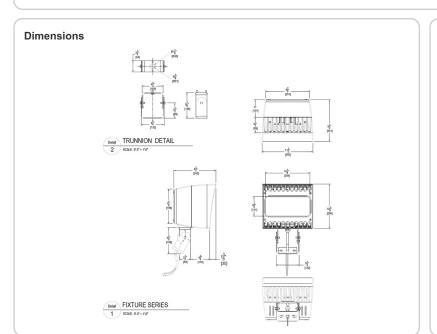
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## **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

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