



High performance LED Vaporproof fixture. A classic design with cutting edge LED technology. Comes with die cast guard and frosted globe.

Color: Natural

Weight: 4.4 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Constant Current  
120V: 0.13A  
208V: 0.08A  
240V: 0.07A  
277V: 0.06A  
Input Watts: 15W  
Efficiency: 86%

## LED Info

Watts: 13W  
Color Temp: 5000K (Cool)  
Color Accuracy: 65 CRI  
L70 Lifespan: 100,000  
Lumens: 729  
Efficacy: 48 LPW

## Technical Specifications

### LED Characteristics

#### 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 warranted 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 C38.377-2011.

### Construction

#### Temperature:

The VXLED is rated for 40°C maximum ambient and -30°C minimum cold starting temperatures.

#### Globes and Guards:

Vaporproof LEDs are compatible with RAB Globes and Guards.

#### Construction:

Die cast aluminum housing and door. Tether connects back housing halves for safety.

#### Cold Weather Starting:

Minimum starting temperature is -40°F / -40°C.

#### Ambient Temperature:

Suitable for use in 35°C (95°F) ambient temperatures.

#### Housing:

Die cast aluminum housing and driver housing.

#### Mounting:

Three 1/2" NPS conduit entry points.

#### Guard and Globe:

Shot blasted guard with frosted globe.

#### Reflector:

High quality hydroformed semi-specular aluminum.

#### Gaskets:

High Temperature Silicone.

#### Finish:

Natural shot blasted aluminum.

#### Green Technology:

Mercury and UV free.

### Electrical

#### Driver:

Multi-chip single 13W high output long life LED Driver. Constant Current, 100V-277V, 50/60 Hz., 100-240VAC.3-.15 Amps 277VAC.15 Amps. Will deliver 70% of its initial lumens at 100,000 hours based on LM-80 Tests.

#### Surge Protection:

4KV

### Other

#### Thermal Management (Patent Pending):

Die cast aluminum LED housing designed for maximum heat dissipation.

#### Equivalency:

The VXLED13 is Equivalent in delivered lumens to a 60W Incandescent or 23W CFL.

#### HID Replacement Range:

The VXLED13 can be used to replace 13-23W CFL or 25-60W Incandescent Vaporproofs based on delivered lumens.

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### Patents:

The VXLED a design is protected by patents in the U.S. Pat. D653,795, Taiwan Pat. D150462, and pending in Canada, China, and Mexico.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

#### Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

## Technical Specifications (continued)

### Listings

#### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

### UL Listing:

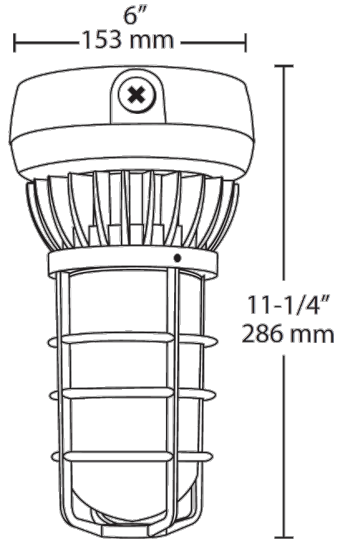
UL Listed Suitable for Wet locations as a Downlight.

### Optical

#### BUG Rating:

B0 U3 G1

### Dimensions



### Features

- Vaporproof LED Ceiling Mount
- Superior Thermal Management (Patent Pending)
- All Die-Cast Aluminum Construction
- 100,000 hour life based on LM-80 tests
- Thermal Shock-Resistant Frosted Glass Globe
- Traditional Look, Cutting-Edge Technology
- 5-year LED warranty