VXLED13YDG/PCS2



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

Color: Natural

Weight: 5.1 lbs

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

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	0.06A
Input Watts	15.3W

LED Info

Watts	13W
Color Temp	3000K (Warm)
Color Accuracy	86 CRI
L70 Lifespan	100,000 Hours
Lumens	507 lm
Efficacy	33.1 lm/W

Technical Specifications

Performance

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

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 onlm-80 Tests.

Photocell:
277V Swivel photocell included. Photocell is compatible with 208V-277V.

Surge Protection:
4kV

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.

Thermal Management (Patent Pending):
Die cast aluminum LED housing designed for maximum heat dissipation

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:
Suitable for use in up to 35°C (95°F)

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. RoHS-compliant components.

Compliance

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

UL Listed:
UL Listed Suitable for Wet locations as a Downlight

LED Characteristics

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 color temperature over a 5-year period

Color Uniformity:
RAB's range of 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.

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Technical Specifications (continued)

Other

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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Patents:
The VXLED design is protected by Taiwan Patent 01510952 and patents pending in the U.S., Canada, China and Mexico.

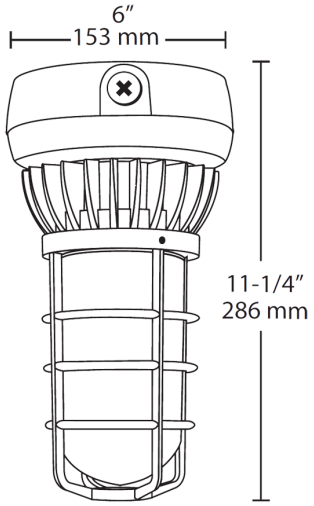
Recovery Act (ARRA) Complaint:
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

BUG Rating:
B0 U2 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 results and TM-21 calculations
- Thermal Shock-Resistant Frosted Glass Globe
- Traditional Look, Cutting-Edge Technology
- 5-Year, No-Compromise Warranty

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