VXLED13N/PCS

RAB LIGHTING

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

Driver Info

Type:	Constant Current
120V:	0.13A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	15W
Efficiency:	86%

LED Info

Watts:	13W
Color Temp:	4000K (Neutral)
Color Accuracy:	N/A
L70 Lifespan:	100,000
Lumens:	595
Efficacy:	39 LPW

Partial LED Vaporproof fixture requires RAB Globe and Guard. Can be used with color globes.

Color: Natural   Weight: 3.1 lbs

Technical Specifications

LED Characteristics

Lifespan:

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

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 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 C78.377-2008.

Electrical

Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

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

Construction

Specification:

These specifications are for fixture with Frosted Glass Globe and Die Cast Guard combination. Consult warehouse for different fixture combinations.

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.

Reflector:

High quality hydroformed semi-specular aluminum.

Gaskets:

High Temperature Silicone.

Finish:

Natural shot blasted aluminum.

Green Technology:

Mercury and UV free.

Listings

UL Listing:

Suitable for Wet locations only with outer globe and as a Downlight.

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.

Other

Thermal Management (Patent Pending):

Die cast aluminum LED housing designed for maximum heat dissipation.

California Title 24:

VXLED13/PCS complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

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 design is protected by Taiwan Patent 01510952 and patents pending in the U.S., Canada, China 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.

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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.
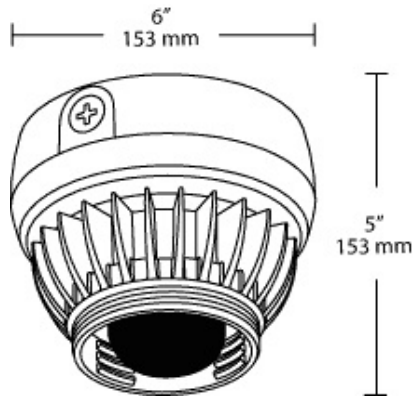
GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Optical

BUG Rating:

B0 U3 G1

Dimensions

Features

High performance LED light engine

100,000 hour life based on LM-80 tests

Die Cast Aluminum Housing

Classic design with state of the art LED technology

Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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