VXBRLED13/PCS2

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	N/A
208V:	0.3A
240V:	0.3A
277V:	0.15A
Input Watts:	15W
Efficiency:	86%

LED Info

Watts:	13W
Color Temp:	5000K
Color Accuracy:	65 CRI
L70 Lifespan:	100000
Lumens:	729
Efficacy:	48 LPW

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

Color: Natural   Weight: 3.7 lbs

Technical Specifications

Electrical

Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V

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

LED Characteristics

Lifespan:

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

Light Color (Nominal CCT):

3000K

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 C78.377-2011.

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. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

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:

VXBRLED13/PCS2 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 VXBRLED design is protected by Taiwan Patent 01510951 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.

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

Page 1 of 2

VXBRLED13/PCS2

RAB**LIGHTING**

Technical Specifications (continued)

Other

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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.
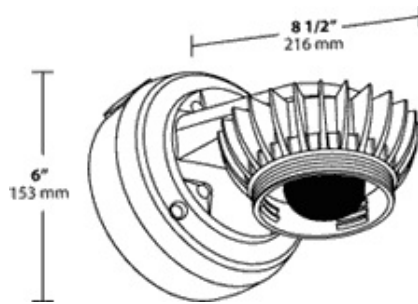
GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Optical

BUG Rating:

B0 U2 G1

Dimensions

8 1/2"
216 mm

6"
153 mm

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**

Copyright © 2014 RAB Lighting Inc. All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 2 of 2