LFLED5NDCB

RAB LIGHTING

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

Driver Info

Type:	DC to DC
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	5W
Efficiency:	99%

LED Info

Watts:	5W
Color Temp:	4000K (Neutral)
Color Accuracy:	90 CRI
L70 Lifespan:	100,000
Lumens:	208
Efficacy:	41 LPW

LED Floodlights for solar applications or other 10-30 VDC systems. Perfect for off-grid, remote-area lighting. Up to 85% more efficient than line voltage AC solutions.

Color: Black   Weight: 1.5 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

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.

LED Characteristics

Lifespan:

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

LED:

5 Watt high output, long-life LED.

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 Accuracy:

90 CRI

Color Temperature (Nominal CCT):

4000K

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2008.

Optical

Spot Lens:

Optional spot lens enables a tool-less conversion to an 18° NEMA 3x3 spot. Great for accent lighting or grazing buildings for an artistic touch.

Lumen Maintenance:

100,000 hours Life Based on LM-80 Tests.

Fixture Efficacy:

41 Lumens per Watt

NEMA Type:

4H x 4V with 44° beam angle.

Construction

Lens:

Microprismatic diffusion lens for smooth and even light distribution.

Cold Weather Starting:

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

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

Thermal Management:

Superior heat sinking with external air flow fins.

Housing:

Precision die-cast aluminum housing, hood and mounting arm.

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, and RoHS compliant.

Electrical

Driver:

Constant Current, Class 2, 100-240V, 50-60Hz, 100-240VAC 0.18A.

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.

Patents:

The design of the LFLED is protected by Taiwan Patent 01510966 and pending patents in US, 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.

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).
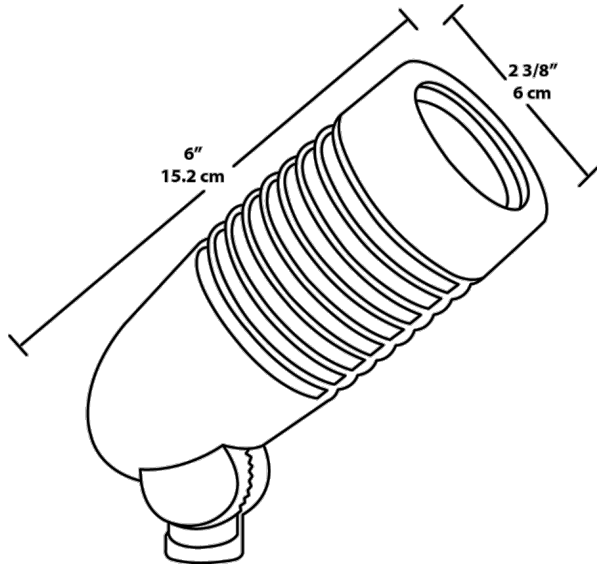
Trade Agreements Act Compliant:

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.

Dimensions

2 3/8"
6 cm

6"
15.2 cm

Features

Low voltage DC

Ideal for solar applications

Up to 85% more energy efficient

No energy-loss from DC-AC inverter

Enables off-grid, remote-area lighting

5-year warranty

Ordering Matrix

Family	Watts	Color Temp	DC	Finish
LFLED				
	5 = 5W	**Blank** = Cool	**DC** = DC	**A** = Bronze
		Y = Warm		**W** = White
		N = Neutral		**B** = Black
				VG = Verde Green

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

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