



VRC LED

LED Canopy/Ceiling Luminaire

Catalog
Number

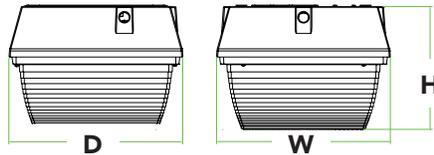
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Width:	12-3/8" (31.5 cm)
Height:	8-3/4" (22.3 cm)
Depth:	12-3/8" (31.5 cm)
Weight:	7.5 lbs (3.4kg)



Introduction

The popular VRC luminaire is now available with long-lasting, energy-efficient LED technology. Featuring a classic dayform, the VRC LED offers a traditional appearance and is powered by advanced LEDs.

The VRC LED luminaire is powerful yet energy efficient, capable of replacing up to a 250W metal halide luminaire while saving up to 86% in energy costs. Offering an expected service life of more than 20 years, the VRC LED eliminates frequent lamp and ballast replacements associated with traditional technologies.

Ordering Information

EXAMPLE: VRC LED 1 50K MVOLT

VRC LED				
Series	Performance Package	Color Temperature	Voltage	Finish
VRC LED	1 3389 lumens	50K 5000K ¹	MVOLT ²	(blank) Dark bronze

NOTES

- 1 Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

FEATURES & SPECIFICATIONS

INTENDED USE

41 watt LED ceiling light delivers 3,389 lumens for an energy-efficient replacement of 250W MH canopy/ceiling lights. Traditional style does not detract from current building aesthetics. The VRC LED provides years of maintenance-free general illumination for outdoor applications. Ideal for entrances, parking areas, covered walkways and loading docks.

CONSTRUCTION

Rugged cast-aluminum, corrosion-resistant housing with bronze polyester powder paint for lasting durability. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. Rated for outdoor installations, -40°C minimum ambient.

ELECTRICAL

Two high-powered LEDs provide 3,400 lumens. Includes an MVOLT (120-277V) driver.

OPTICS

High-performance LEDs maintain 84% of light output at 100,000 hours of service life (L84/100,000 hours). Polycarbonate lens is designed for even light distribution.

INSTALLATION

Mounts to a recessed junction box or surface mount with three conduit entry points.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY

Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications are subject to change without notice. Actual performance may differ as a result of end-user environment and application



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application.

Performance Package	Drive Current (mA)	CCT	System Watts	50K (5000K, 67 CRI)				
				Lumens	B	U	G	LPW
1	530	5000K	41W	3,389	1	3	1	82

Electrical Load

LED Package	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
1	530	41W	0.38	0.22	0.19	0.17

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

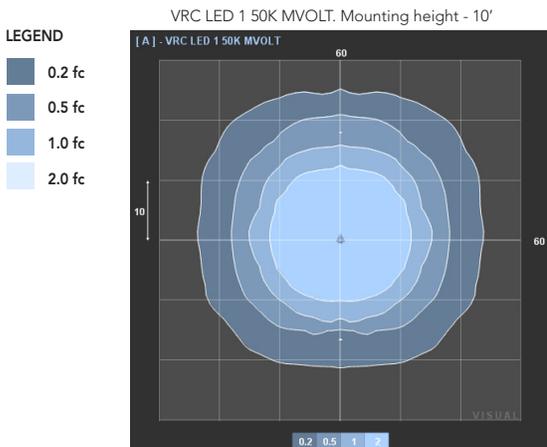
Data references the extrapolated performance projections in a **40°C ambient**, based on 10,000 hours of LED testing (LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	60,000	100,000
Lumen Maintenance Factor	1.0	0.93	0.90	0.88	0.84

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting VRC LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards



Lighting Facts Labels

Lithonia Lighting

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens) 3389
Watts 41
Lumens per Watt (Efficacy) 84

Color Accuracy
Color Rendering Index (CRI) 65

Light Color
Correlated Color Temperature (CCT) 4955 (Daylight)

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-08: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-177611 (12/4/2012)
Model Number: VRC LED 1 50K MVolt
Type: Canopy light

