



DESCRIPTION

With a variety of trims shapes and baffles, the Endless series integrates seamlessly into ceilings and reduces glare. Choose from different light engine and beam angles to match your architectural space's mood and style. Add a hex cell louver, a softening, or a linear spread lens to your fixture for the best optical performance.

LED Light Source

Light Engine: High-performance COB LED module provides chromatically consistency within a 3-step MacAdam Ellipse.

Optics

TIR Lens collimate light into precisely controlled beam shapes ranging from 6° Very narrow spot to 60° wide flood.

Driver

Flicker free ELV or 0-10V Silicon Filled driver for maximum lifespan.

Heat Sink

Cold forged engine grade pin fin aluminum heat sink provides optimal heat management in a small package.

SPECIFICATIONS

Input Voltage: 120-277Vac, 50-60Hz
Power Consumption: 20W
Delivered lumen: 2089 lm @20W
CRI(Ra): >90/95 min
R9: >70 min
Dimming: ELV or 0-10V
Power Factor: >0.9
Lumen Maintenance: 70% @ 60,000 Hrs
Approved location: IP20, Dry
Tilt : 30°
THD <20%
Certification: cETLus

CRITICAL DIMENSIONS

Cut Out: 3"x3"
Outer Diameter: 3.38"x3.38
Ceiling Clearance: 4.8"

ORDER INFORMATION

Model	Driver Output	Light Source ³	Beam Spread	Trim	Baffle finish
R931F -Fixed R931A -Adjustable	8E -2 X 8W 200mA ELV 12E -2 X 12W 350mA ELV 20E -2 x 20W 500mA ELV 12V -2 x 12W 350mA 0-10V 20V -2 x 20W 500mA 0-10V	40K - 4000K, CRI>90 35K - 3500K, CRI>90 30K - 3000K, CRI>95 27K - 2700K, CRI>95 25K - 2500K, CRI>95 ¹ 30C - 3000K Color Boost DW - Dim to Warm ¹ (1800K-3000K)	VN - 6°Very Narrow Spot ² NS - 16°Narrow Spot SP - 25°Spot FD - 45°Flood WF - 60°Wide Flood	WH - White BK - Black C - Custom ³	WH - White BK - Black C - Custom ³

(Example:R931F-8E-30T-VN-WH-WH)

¹ Dim to warm & 25K only available with 12W ELV Dimming

² Very Narrow spot only available with 30K 27K 8W ELV Dimming

³ Custom options available. Please consult factory.

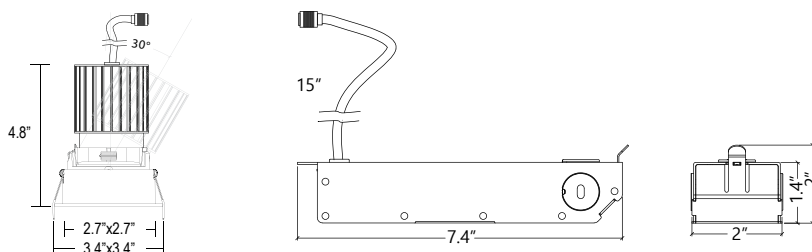


Assembled in
Canada

Specifications and product details provided in this document are subject to change without notice. All product performance values are typical and may vary slightly.

Coretron Lighting assumes no liability for damages or loss resulting from the use of this information. It is the responsibility of the user to verify all data and ensure suitability for the specific application.

DIMENSIONS



ACCESSORIES



HC01 - Honeycomb



OP01 - 1.5X Zoom



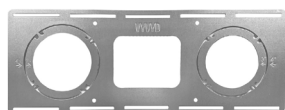
OP02 - 3X Zoom



OP03 - 1.5x5.0 Oval



OP04 - 1.5x6.0 Ova



RP - Rough-in Plate



EB-12W90M-ACV2

90min Emergency Battery Backup

Output Power: 12W (initial)
Emergency Operation: 90 minutes
Battery Type: nickel-cadmium
Input Voltage: 120-277 VAC
Output Voltage: 20-50 VDC
Class 2 Output: Yes
Diagnostic Type: Remote Control testing
Life Expectancy: 7-10 years
Mounting Type: Remote Inline (metal conduit)
Maximum Distance: 25 ft

PHOTOMETRIC DATA

Lumens: Tested with 20W 4000K

Beam angle:	Delivered Lumens:
16°	2089lm
25°	1939lm
45°	1887lm
50°	1955lm

Colour Temp	Multiplier
27K-2700K Ra90	0.90
30K-3000K Ra90	0.95
35K-3500K Ra90	0.99
40K-4000K Ra90	1.000
30C-3000K Color Boost	0.81

The data shown is for 4000K. Multiply FC by the following adjustment factors for other colour temperatures.

Lumens: Tested with 8W 3000K

Beam angle:	Delivered Lumens:
8°	407lm

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