



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

Luminus Generation 6 CXM-9 COB Arrays. High-efficacy white LED available in a wide range of color temperatures, with high color fidelity and gamut to enhance vivid colors.

Optics

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

Driver

Flicker free TRIAC/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: 18W

Total lumen output: 2488 lm @18W

Delivered lumen: 1866 lm @18W

CRI(Ra): >95 min

R9: >70 min

Dimming: TRIAC, 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"(18W) / 4 "(12W,8W)

ORDER INFORMATION

Model	Driver Output	Light Source ³	Beam Spread	Trim	Baffle finish
R931F -Fixed	8E -8W 200mA TRIAC/ELV	40T - 4000K, CRI>95	VN - 6°Very Narrow Spot ²	WH - White	WH - White
R931A -Adjustable	12E -12W 350mA TRIAC/ELV	35T - 3500K, CRI>95	NS - 16°Narrow Spot	BK - Black	BK - Black
	18E -18W 500mA TRIAC/ELV	30T - 3000K, CRI>95	SP - 25°Spot		C - Custom ³
	12V -12W 350mA 0-10V	27T - 2700K, CRI>95	FD - 45°Flood		
	18V -18W 500mA 0-10V	25T - 2500K, CRI>95	WF - 60°Wide Flood		
		30C - 3000K, CRI>90			
		DW - Dim to Warm ¹ (1800K-3000K)			

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

¹ Dim to warm only available with 12W ELV/Traic Dimming

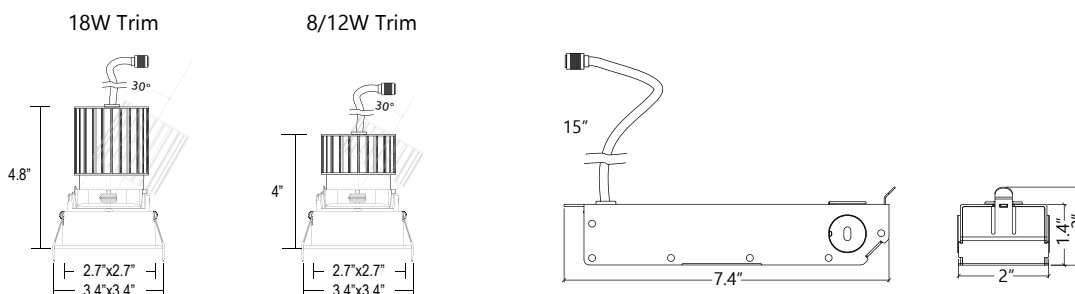
² Very Narrow spot only available with 8W 30T ELV/Traic Dimming

³ Custom options available. Please consult factory.



Assembled in
 Canada

DIMENSIONS



ACCESSORIES



HC01 - Honeycomb



OP01 - 1.5X Zoom



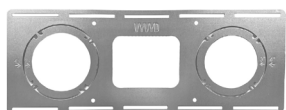
OP02 - 3X Zoom



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

LUMEN OUTPUT

Values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens by the multiplier below.

BEAM SPREAD	Multiplier
VN 6° Very Narrow Spot ¹	447lm
NS 16° Narrow Spot	x0.85
SP 25° Spot	x0.91
FD 45° Flood	x0.88
WF 60° Wide Flood	x0.89

CODE	CCT	CRI	R9	20W 550mA	12W 350mA	8W 200mA
40T	4000	>95	>70	2488lm	1803lm	1051lm
35T	3500	>95	>70	2370lm	1765lm	1041lm
30T	3000	>95	>80	2377lm	1722lm	1017lm
27T	2700	>95	>80	2287lm	1657lm	979lm
25T	2500	>95	>80	2120lm	1536lm	907lm
30C	3000	>90	>90	1780lm	1293lm	768lm

¹ Very Narrow spot only available with 8W 30T ELV/Traic Dimming