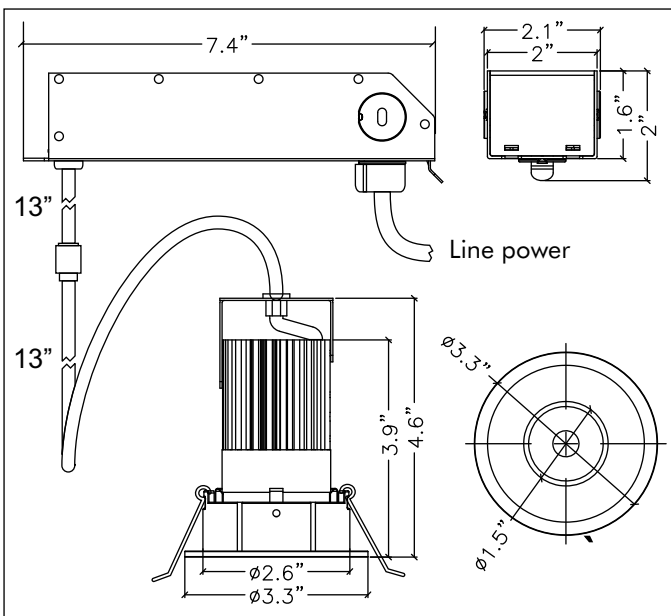
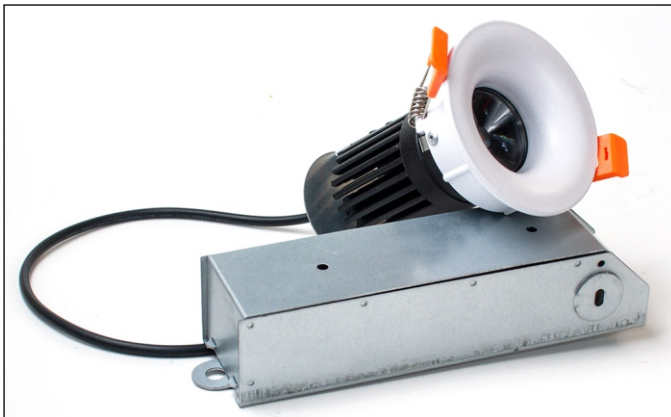


R902

M2 Series
Fixed Round Recessed LED Luminaire



Description

The combination M2 high power light engine, the stylish die-cast trim and the reliable driver makes this luminaire an ideal choice to meet all functional and aesthetic requirements of residential and commercial down lighting.

SPECIFICATIONS

Luminaire Type: Recessed Downlight
 Light Source: Integrated COB LED
 Approved Location: Dry
 CCT: 2700°K / 3000°K / 4000°K
 CRI: >90
 Hole Cut Size: $\phi 3"$
 Max. Lumen Output: 900
 Max. Ceiling Thickness: 3/4"
 Power Driver Type: Constant Current
 Input Voltage: 120V, 60Hz
 Dimming: TRIAC
 Power Factor: >0.9
 Lumen Maintenance: 70% @ 50,000 Hrs
 THD <20%
 Certification: cETLus



M2 Light Engine:

- **Light Sources:** IMPRESSIONIST™ Series COB LED is our standard light source, which emits colour boosting light that makes white appear whiter and colours more brilliant. Also available in 3000K REALIST™, which mimics the light of halogen lamps with CRI>95.
- **Heat Sink** is made of cold forged aluminum. The pin fin construction and the high purity aluminum provides very high heat dissipation efficiency, three times of conventional die-cast heat sinks.
- **Optics:** Available with 6 choice of optical lenses ranging from 9° very narrow spot to 60° wide flood.

Driver:

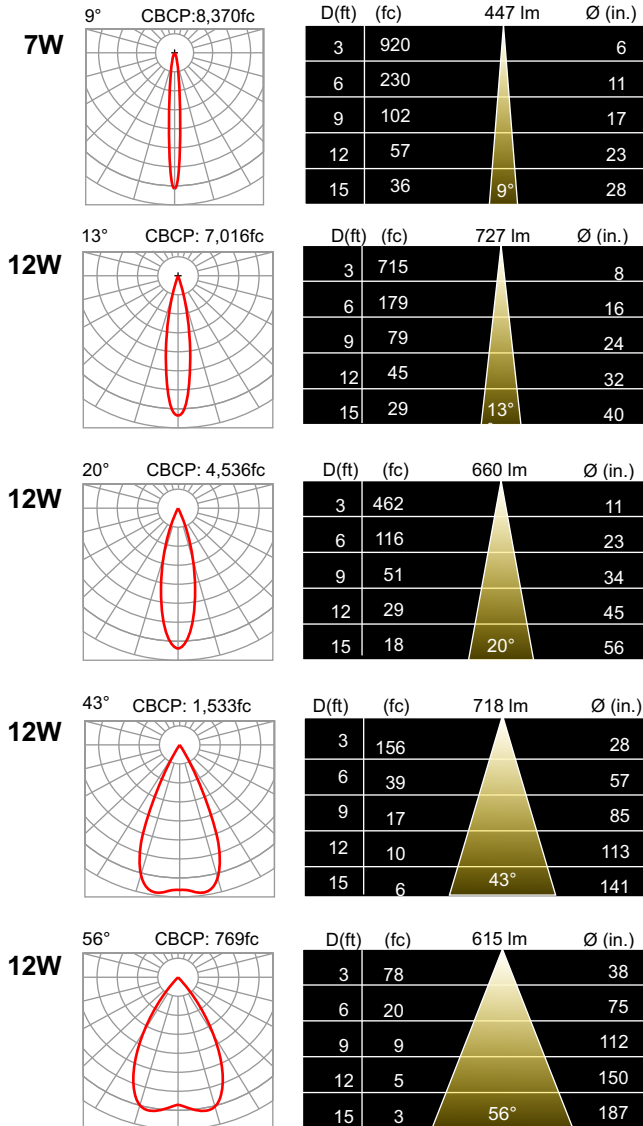
The remote TRIAC dimmable driver is available in 200ma (7W) 270ma (9W) and 350ma(12W). Compact driver enclosure is easily accessible for installation and maintenance from the trim opening.

Trim

Can fit in ceiling from 1/2" to 3/4" thick. Requires a 6" clearance beyond the ceiling level. Offered in Remodel NON-IC (with optional mounting plate), new construction NON-IC and new construction IC configurations.

R902 M2 Series Fixed Round Recessed LED Luminaire

Photometric Data



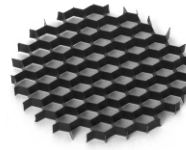
Housing (Sold separately)

Install with Eurofase VHG-4101-00 housing for new construction insulated ceiling and direct contact with insulation.

Compatible Dimmers

LUTRON	LEVITON
Skylark SF-103P	6674
DVPDC-203P	6633-P
NTLV-600	Ip106
DVCL-153P	6684
Skylark S600P	6613-P
DVEL-300P	Rp106
	IPL06
	IPE04
	6615-P

Optional Accessory



Honeycomb Louvre

Footcandle Multiplication Factors

	2700C	3000C	4000C	3000T
7W	0.52	0.62	0.64	0.55
9W	0.68	0.73	0.83	0.71
12W	0.92	1.00	1.10	0.95

Ordering (Click inside the boxes to select options, then print the pdf form)

R902

Light Engine	Light Colour	Beam Angle	Trim Colour	Accessories
<input type="checkbox"/> 7W <input type="checkbox"/> 9W <input type="checkbox"/> 12W	<input type="checkbox"/> 27C - 2700K Impressionist <input type="checkbox"/> 30C - 3000K Impressionist <input type="checkbox"/> 40C - 4000K Impressionist <input type="checkbox"/> 30T - 3000K Realist <input type="checkbox"/> DW* - Dim Warming	<input type="checkbox"/> 9°* <input type="checkbox"/> 13° <input type="checkbox"/> 20° <input type="checkbox"/> 43° <input type="checkbox"/> 56°	<input type="checkbox"/> B- Black <input type="checkbox"/> W- White	<input type="checkbox"/> 43HC-Honeycomb

* Please refer to Dim Warming Brochure for detail specification

** 9° beam angle is only available with 7W light engine and 30T light colour