

LMRU1

Applications

Designed specifically for the LDRM1 fixture, the modular LED light engine allows you to easily upgrade light distribution, lumen output, efficacy or color temperature.



Features

- Keep pace as technology improves or application requirements change such as color temperature and light distribution
- Quick replacement of existing module in the field
- Light weight, powder coated white design
- LMRU1 module kit installs into existing LDRM1 fixture housing with latching clip system
- Matte finish acrylic contour lens provides glare diffusion in the work environment

Certification & Listings

- UL Classified

Electrical

- Available in 120-277v
- Hardwired fixture
- Full Dimming (0-10v) and step dimming options are available
- Lutron® dimming drivers require an existing Lutron® control system

Ambient Operating Range

- -4°F to 113°F [-20°C to 45°C]

Rated Life

- 125,000 hours per L70 TM-21 @ 25°C

Warranty

- 5 year warranty standard
- Optional 10 year warranty available at additional cost
- See Orion's [Product Limited Warranty](#) for more details and information

Ordering Information Example

Series	Nominal Lumens	Voltage	Driver Type	CRI; Color Temp.	Lens Material
LMRU1	D1	UNV	FD	835	M

Ordering Information

Series	Nominal Lumens	Voltage	Driver Type	CRI; Color Temp.	Lens Type
LMRU1 = LED Modular Retrofit Upgrade, Gen 1	2 ft. A1 = 2000lm B1 = 4000lm	UNV = 120-277v	FD = Full Dimming ² FD50 = Step Dimming 50% ⁴ FDHB = LDE1 1% Dimming Ecosystem Driver ³ FDH3 = L3DA Hi-lume 1% 3-wire or Ecosystem ³	835 = 80CRI, 3500K 840 = 80CRI, 4000K 850 = 80CRI, 5000K	M = Opaque Matte
	4 ft. D1 = 3000lm E1 = 4000lm F1 = 6000lm ¹ G1 = 8000lm ¹				

Performance Information⁵

Nominal Lumen Code	Actual Lumens	Wattage	LPW
A1	2,290lm	15w	154
B1	3,960lm	27w	146
D1	3,294lm	21w	159
E1	4,131lm	27w	154
F1	6,130lm	40w	154
G1	8,262lm	52w	157

Physical Information

Size	Length	Width	Depth ⁶	Weight ⁶
4'	45.20"	3.90"	2.60"	≈ 2.2 lbs
2'	22.75"	3.90"	2.60"	≈ 2.0 lbs

Additional Specification Information

¹ **F1** and **G1** lumen packages options are not available with FDH1, FDH2 and FDH3 driver types

² **FD** 0-10v driver configurations are compatible with most third party control systems

³ Lutron® dimming drivers require an existing Lutron® control system

⁴ **FD50** (step dimming) option requires two separate hot leads per fixture

⁵ Actual performance may vary by up to +10% of values listed

⁶ Depth and weight varies by model; dependent on driver selection