

FEATURES & SPECIFICATIONS

INTENDED USE — The MRSL retrofit kit is designed to convert existing strip-based fixtures to LED technology. Adjustable bracket design allows easy retrofit which reduces energy consumption for existing strip fixtures that are 2.75" to 5" in width and approximately 2" in depth. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable use.](#)

CONSTRUCTION — Die-formed channel cover secured by self-tapping screws for quick, secure mounting.

Finish: Paint process ensures superior paint adhesion and rust resistance.

OPTICS — LEDs provide 80 CRI at 3000 K, 3500 K, 4000 K and 5000 K.

ELECTRICAL — Utilizes LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Electronic LED driver is multi-volt.

INSTALLATION — Channel cover installs quickly and securely using provided self-tapping screws.

LISTINGS — UL listed to US and Canadian safety standards. Damp location listed. Listed for 95°F (35°C) ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. For use in damp locations with ambient temperatures ranging from -4°F(-20°C) to 95°F(35°C). Complete warranty terms located at:

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |

LED Striplight Retrofit Kit

MRSL



| Specifications | | | |
|--|----------|-------------|-----------------|
| All dimensions are shown in inches (centimeters) unless otherwise noted. (weight and dimensions could vary based upon options) | | | |
| LENGTH | WIDTH | DEPTH | WEIGHT |
| 48 (121.92) | 5 (12.7) | 2.25 (5.72) | 5 lbs. (2.3kgs) |



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: MRSL L48 1500LM FST MVOLT GZ10 40K 80CRI SBR10 MS2 WH

| Series | Length | Nominal Lumens ¹ | Lens | Voltage | Driver |
|------------------------------|---------|--|---|----------------|----------------------|
| MRSL LED striplight retrofit | L48 48" | 1500LM 1,500 lumens 3000LM 3,000 lumens 4000LM 4,000 lumens 5000LM 5,000 lumens | FST Snap on, frosted, diffuse L/LENS Less lens | MVOLT 120-277V | GZ10 0 - 10V dimming |

| Color temperature | Color Rendering Index | Options | Row Configuration | Finish |
|--|-----------------------|--|--|----------|
| 30K 3000K 35K 3500K 40K 4000K 50K 5000K | 80CRI 80 CRI | E7W Emergency battery pack PLR1LVG Wiring harness, 1 circuit with low voltage dimming and ground SBR10 Integral dimming occupancy sensor | MS1 Universal kit MS2 Universal kit with additional 48" satellite | WH White |

Stock configurations are offered for shorter lead times:

| Standard Part Number | Stock Part Number |
|---|----------------------|
| MRSL L48 1500LM FST MVOLT GZ10 40K 80CRI MS1 WH | MRSL L48 1500LM 840 |
| MRSL L48 1500LM FST MVOLT GZ10 40K 80CRI MS2 WH | MRSL L96 3000LM 840 |
| MRSL L48 3000LM FST MVOLT GZ10 40K 80CRI MS1 WH | MRSL L48 3000LM 840 |
| MRSL L48 3000LM FST MVOLT GZ10 40K 80CRI MS2 WH | MRSL L96 6000LM 840 |
| MRSL L48 4000LM FST MVOLT GZ10 40K 80CRI MS1 WH | MRSL L48 4000LM 840 |
| MRSL L48 4000LM FST MVOLT GZ10 40K 80CRI MS2 WH | MRSL L96 8000LM 840 |
| MRSL L48 5000LM FST MVOLT GZ10 40K 80CRI MS1 WH | MRSL L48 5000LM 840 |
| MRSL L48 5000LM FST MVOLT GZ10 40K 80CRI MS2 WH | MRSL L96 10000LM 840 |

Notes

¹ All nominal lumen values are per 4' section. The lumen output will be doubled when selecting an MS2 (8') configuration

OPERATIONAL DATA

| | Product | Length (Feet) | Lumens | | | | Wattage |
|--------|---------------------|---------------|--------|--------|--------|--------|---------|
| | | | 30K | 35K | 40K | 50K | |
| FST | MRSL L48 1500LM MS1 | 4' | 1,649 | 1,682 | 1,728 | 1,742 | 13 |
| | MRSL L48 1500LM MS2 | 8' | 3,297 | 3,364 | 3,455 | 3,485 | 26 |
| | MRSL L48 3000LM MS1 | 4' | 3,242 | 3,308 | 3,398 | 3,427 | 26 |
| | MRSL L48 3000LM MS2 | 8' | 6,484 | 6,616 | 6,795 | 6,853 | 52 |
| | MRSL L48 4000LM MS1 | 4' | 4,314 | 4,402 | 4,521 | 4,560 | 36 |
| | MRSL L48 4000LM MS2 | 8' | 8,628 | 8,804 | 9,043 | 9,120 | 72 |
| | MRSL L48 5000LM MS1 | 4' | 5,344 | 5,453 | 5,601 | 5,649 | 44 |
| | MRSL L48 5000LM MS2 | 8' | 10,688 | 10,906 | 11,202 | 11,297 | 88 |
| L/Lens | MRSL L48 1500LM MS1 | 4' | 1,822 | 1,860 | 1,910 | 1,927 | 13 |
| | MRSL L48 1500LM MS2 | 8' | 3,646 | 3,720 | 3,821 | 3,853 | 26 |
| | MRSL L48 3000LM MS1 | 4' | 3,585 | 3,658 | 3,757 | 3,789 | 26 |
| | MRSL L48 3000LM MS2 | 8' | 7,169 | 7,315 | 7,514 | 7,578 | 52 |
| | MRSL L48 4000LM MS1 | 4' | 4,770 | 4,867 | 4,999 | 5,042 | 36 |
| | MRSL L48 4000LM MS2 | 8' | 9,540 | 9,734 | 9,998 | 10,084 | 72 |
| | MRSL L48 5000LM MS1 | 4' | 5,909 | 6,029 | 6,193 | 6,246 | 44 |
| | MRSL L48 5000LM MS2 | 8' | 11,818 | 12,059 | 12,386 | 12,492 | 88 |