

FEATURES & SPECIFICATIONS

INTENDED USE — The MRSL retrofit kit is designed to convert existing strip-based fixtures to LED technology. Flexible kit allows easy retrofit which reduces energy consumption for existing strip fixtures that are 4"-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.](#)

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)

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

Finish: Paint process ensures superior paint adhesion and rust resistance. White paint finish is standard.

OPTICS — LEDs provide 80 CRI at 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. 0-10V dimming standard. Luminaire Surge Protection Level: Designed to withstand up to 2.5kV/0.75kA per ANSI C82.77-5-2015.

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: www.acuitybrands.com/support/warranty/terms-and-conditions

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 1750LM 840 SBR10

Series	Length	Nominal Lumens ¹	Voltage	CRI/Color Temp ²	Options
MRSL	L48	1750LM 3500LM 5000LM	(Blank) 120-277V	840 80CRI 40K 850 80CRI 50K	E7W Emergency battery pack, 7W, CA Title 20 Noncompliant PLR1G Plug in wiring PLR1LVG Plug in wiring, low voltage ³ SBR10 Integrated dimming occupancy sensor L/Lens Less Lens
	L96 ¹	3500LM 7000LM 10000LM			

OPERATIONAL DATA

Product	Lumens		Wattage	LPW	
	40K	50K		40K	50K
MRSL L48 1750LM	1794	1852	13.74	131	135
MRSL L48 3500LM	3689	3514	27.01	137	130
MRSL L48 5000LM	4963	5121	35.26	141	145
MRSL L96 3500LM	3853	3975	26.48	146	150
MRSL L96 7000LM	6921	7139	48.85	142	146
MRSL L96 10000LM	10492	10826	72.82	144	149

Notes

- L96 fixtures come as 2 4' sections, one master and one satellite.
- Consult factory for additional options.
- The Low voltage wiring is not compatible on fixtures with sensors. Use PLR1G.