



XRLED-MS805



POST-TOP LED CONVERSION KIT FOR MS805 MAIN STREET

The versatile XRLED-MS805 conversion kit transforms existing Sternberg MS805 lanterns into energy-efficient luminaires at significantly reduced maintenance costs. The wide variety of lumen and distribution options makes this the industry's obvious choice when converting from conventional lamp sources to energy-efficient lighting. Made by Sternberg Lighting for Sternberg Lighting.

PROJECT: _____

TYPE: _____

HOW TO ORDER: XRLED-MS805-12L45T5-MDL21

XRLED-MS805				
SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER
LED UPGRADE KIT FOR MS805 LANTERN	9L	27(00) K	T2	MDL07
	12L	35(00) K	T3	MDL14
		45(00) K	T4	MDL21
			T5	MDH07
				MDH14

Features & Specifications

Optical

- Utilizes high output, high brightness LEDs.
- Operates at -40°C (-40°F) to +50°C (122°F) ambient air temperature range.
- Minimum CRI of 70, CCT 2700, 3500, and 4500K.
- LM-79 and LM-80 tests in accordance with IESNA standards.
- Lumen depreciation rated 50,000 hrs.
- RoHS Compliant.

Electrical

- 120-277 volt standard 347-480 volt option.
- Minimum drivers power factor: >0.9.

- Electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines (10KA).
- UL listed in U.S. and Canada.

Mechanical

- Anodized aluminum heatsink.
- Rugged cast aluminum fitter cap.

Controls

- Supplied with dimmable driver (0-10 volts).

Warranty & Standards

XRLED Systems and Drivers - 5 years.
All fixtures shall be free from all defects in materials and workmanship for a period of 5 years from the date of manufacture.

The luminaire manufacturer shall warrant the XRLED boards/ system, during the stated warranty period, against failure defined as more than 10 percent of non-operating LEDs.

Drivers (0-10V dimming):

MDL07: 700mA, 120-277V¹

MDL14: 1400mA, 120-277V

MDL21: 2100mA, 120-277V²

MDH07: 700mA, 347-480V¹

MDH14: 1400mA, 347-480V

¹ For use with 9L system only.

² For use with 12L system only.

Performance

LIGHT SOURCE	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
12L27T_-MDL21	4235	46.5	4180	45.9	4200	46.2	4425	48.6	91
12L35T_-MDL21	5080	55.8	5020	55.2	5040	55.4	5310	58.4	91
12L45T_-MDL21	5505	60.5	5435	59.7	5460	60.0	5750	63.2	91
12L27T_-MDL14	3230	55.7	3190	55.0	3210	35.3	3360	57.9	58
12L35T_-MDL14	3870	66.7	3825	65.9	3845	66.3	4035	69.6	58
12L45T_-MDL14	4195	72.3	4145	71.5	4170	71.9	4370	75.3	58
09L27T_-MDL14	2560	56.9	2470	54.9	2445	54.3	2690	59.8	45
09L35T_-MDL14	3065	68.1	2960	65.8	2935	65.2	3225	71.7	45
09L45T_-MDL14	3325	73.9	3210	71.3	3180	70.7	3495	77.7	45
09L27T_-MDL07	1440	68.6	1395	66.4	1380	65.7	1560	74.3	21
09L35T_-MDL07	1730	82.4	1675	79.8	1655	78.8	1875	89.3	21
09L45T_-MDL07	1875	89.3	1815	86.4	1790	85.2	2030	96.7	21