



# 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 filter 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, 120-277V<sup>1</sup>

**MDL14:** 1400mA, 120-277V

**MDL21:** 2100mA, 120-277V<sup>2</sup>

**MDH07:** 700mA, 347-480V<sup>1</sup>

**MDH14:** 1400mA, 347-480V

<sup>1</sup> For use with 9L system only.

<sup>2</sup> 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