



XRLED-A880



POST-TOP LED CONVERSION KIT FOR A880 TOWN SQUARE ACORN

The versatile XRLED-A880 conversion kit transforms existing Sternberg A880 acorns 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-A880-12L45T4-MDL21

XRLED-A880					
SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
LED UPGRADE KIT FOR A880 ACORN	9L	27(00) K	T2	MDL07	682
	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 4500.
- LM-79 and LM-80 tests in accordance with IESNA standards.
- Lumen depreciation rated 50,000 hrs.
- RoHS Compliant.
- UL listed in U.S. and Canada.

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).

Mechanical

- Anodized aluminum heatsink.
- Rugged cast aluminum fitter cap.
- Designed for Sternberg 5P, 5T, 508 and 900 fitters. Consult factory for limitations and other fitters.

Controls

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

Warranty & Standards

LED 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 LED boards/ system, during the stated warranty period, against failure defined as more than 10 percent of non-operating LEDs.

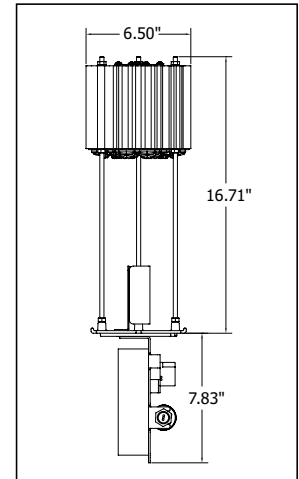
Drivers (0-10V dimming):

- 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.

Optional Driver Housing:

682: Driver housing required for fitters manufactured between 1985 and 2004.



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	4635	48.3	4430	46.1	4250	44.3	4835	50.4	96
12L35T_-MDL21	5560	57.9	5315	55.4	5100	53.1	5800	60.4	96
12L45T_-MDL21	6025	62.8	5760	60.0	5525	57.6	6285	65.5	96
12L27T_-MDL14	3475	58.9	3290	55.8	3190	54.1	3630	61.5	59
12L35T_-MDL14	4165	70.6	3950	66.9	3825	64.8	4355	73.8	59
12L45T_-MDL14	4515	76.5	4280	72.5	4145	70.3	4720	80.0	59
09L27T_-MDL14	2640	60.0	2510	57.0	2480	56.4	2690	61.1	44
09L35T_-MDL14	3165	71.9	3010	68.4	2975	67.6	3225	73.3	44
09L45T_-MDL14	3430	78.0	3260	74.1	3225	73.3	3495	79.4	44
09L27T_-MDL07	1510	71.9	1430	68.1	1405	66.9	1540	73.3	21
09L35T_-MDL07	1810	86.2	1715	81.7	1685	80.2	1845	87.9	21
09L45T_-MDL07	1965	93.6	1860	88.6	1825	86.9	2000	95.2	21