



XRLED-1910

LED CONVERSION KIT FOR 1910 ACORN
“EASY TO INSTALL”

The versatile XRLED-1910 conversion kit transforms existing Sternberg 1910 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-1910-12L50T4-MDL14

XRLED-1910					
SERIES	LEDS	CCT - COLOR TEMPERATURE K	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
LED UPGRADE KIT FOR 1910 ACORN	9L	27(00) K	T2	MDL07	682
	12L	35(00) K	T3	MDL14	682M
		45(00) K	T4	MDH07	
			T5	MDH14	



12L XRLED MODULE



9L XRLED MODULE

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 driver 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.
- Designed for Sternberg 5P fitters. Consult factory for limitations and other fitters.

Controls

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

Warranty & Standards

XRLED Systems and Driver - 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 (0v-10V dimming):

- MDL07:** 700mA, 120-277V
- MDL14:** 1400mA, 120-277V
- MDH07:** 700mA, 347-480V
- MDH14:** 1400mA, 347-480V

Options:

- 682:** Driver housing required for fitters manufactured between 1985 and 2004.
- 682M:** Driver housing required for fitters manufactured 1985 and before.

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_-MDL14	3560	61.4	3490	60.1	3495	60.3	3470	59.8	58
12L35T_-MDL14	4270	73.6	4185	72.2	4190	72.2	4155	71.6	58
12L45T_-MDL14	4625	79.7	4530	78.1	4540	78.3	4505	77.7	58
09L27T_-MDL14	2755	61.2	2590	57.5	2585	57.4	2920	64.8	45
09L35T_-MDL14	3300	73.3	3110	69.1	3095	68.8	3500	77.8	45
09L45T_-MDL14	3575	79.4	3365	74.8	3355	74.6	3790	84.2	45
09L27T_-MDL07	1580	75.2	1460	69.5	1470	70	1695	80.7	21
09L35T_-MDL07	1890	90.0	1755	83.6	1760	83.8	2030	96.7	21
09L45T_-MDL07	2050	97.6	1900	90.5	1905	90.7	2200	104.8	21