



LED-G793/LED-G795

LED CONVERSION KIT

POST-TOP LED CONVERSION KIT FOR G793 & G795 ESSEX ACORN - "EASY TO INSTALL"

The versatile LED-G793/LED-G795 conversion kit transforms existing Sternberg G793 & G795 acorns into energy-efficient luminaires at significantly reduced maintenance costs. The wide variety of options makes this the industry's choice when converting from conventional lamp sources to energy-efficient lighting; made by Sternberg Lighting for Sternberg Lighting.

JOB NAME _____

FIXTURE TYPE _____

MEMO _____

HOW TO ORDER: LED-G793-4L40T5-MDL05

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
LED-G793	4L	27(00) K	T3	MDL02	682
LED-G795		30(00) K	T5	MDL03	682M
LED UPGRADE KIT FOR G793 & G795		40(00) K		MDL05	
		50(00) K		MDL06	
				MDH02	
				MDH03	
				MDH05	
				MDH06	



Features & Specifications

Optical

- Utilizes high output, high brightness LEDs.
- Minimum CRI of 70, CCT 2,700K, 3,000K, 4,000K and 5,000K. Consult factory for custom color CCT.
- LM-79 and LM-80 tests in accordance with IESNA standards.
- Lumen depreciation rated 100,000 hrs.
- RoHS Compliant.

Electrical

- 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 heatsinks.
- Rugged cast aluminum carrier plate.
- Designed for Sternberg 5P, 5T, 508 and 900 fitters. Consult factory for limitations and other fitters.

Controls

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

Warranty & Standards

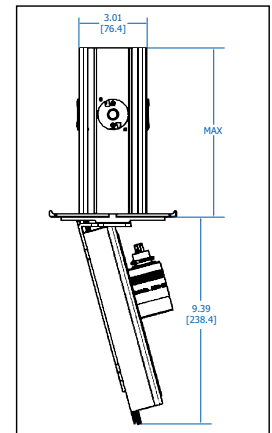
LED Systems and Drivers - 7 years.
All conversion kits shall be free from all defects in materials and workmanship for a period of 7 years from the date of manufacture. The luminaire manufacturer shall warrant the LED boards/ system, during the stated warranty period, against failure defined as more than 10 percent of non-operating LEDs.

Drivers (0v-10v Dimming)

- MDL02: 250mA, 120v-277v
- MDL03: 350mA, 120v-277v
- MDL05: 500mA, 120v-277v
- MDL06: 630mA, 120v-277v
- MDH02: 250mA, 347v-480v
- MDH03: 350mA, 347v-480v
- MDH05: 500mA, 347v-480v
- MDH06: 630mA, 347v-480v

Optional Driver Housing

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



Performance

LIGHT SOURCE	T3 INITIAL LUMENS	EFFICACY (LPW)	T5 INITIAL LUMENS	EFFICACY (LPW)	WATTAGE
4L27T_-MDL06	6100	62.2	6450	65.8	98
4L30T_-MDL06	6740	68.8	7125	72.7	98
4L40T_-MDL06	6960	71.0	7365	75.2	98
4L27T_-MDL05	4995	66.6	5255	70.1	75
4L30T_-MDL05	5515	73.5	5805	77.4	75
4L40T_-MDL05	5700	76.0	5995	79.9	75
4L27T_-MDL03	3905	71.0	4095	74.5	55
4L30T_-MDL03	4315	78.5	4525	82.3	55
4L40T_-MDL03	4460	81.1	4675	85.0	55
4L27T_-MDL02	2875	71.9	3005	75.1	40
4L30T_-MDL02	3175	79.4	3315	82.9	40
4L40T_-MDL02	3280	82.0	3425	85.6	40