



# LED-A783/LED-A785

## POST-TOP LED CONVERSION KIT FOR A783 & A785 CAMBRIDGE ACORN - "EASY TO INSTALL"

The versatile LED-A783/LED-A785 conversion kit transforms existing Sternberg A783 & A785 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.

## LED CONVERSION KIT

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

### HOW TO ORDER: LED-A783-4L40T3-MDL05

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
LED-A783	4L	27(00) K	T3	MDL02	682
LED-A785		30(00) K	T5	MDL03	682M
LED UPGRADE KIT FOR A783 & A785		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

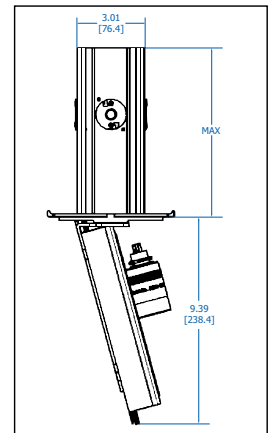
LED Systems and Drivers - 7 years.  
All conversion kits shall be free from all defects in materials and workmanship for a period of 7 years from the date of manufacture. The luminaire manufacturer shall warrant the LED boards/ system, during the stated warranty period, against failure defined as more 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	4680	47.8	4735	48.3	98
4L30T_-MDL06	5170	52.8	5230	53.4	98
4L40T_-MDL06	5340	54.5	5400	55.1	98
4L27T_-MDL05	3855	51.4	3860	51.5	75
4L30T_-MDL05	4255	56.7	4265	56.9	75
4L40T_-MDL05	4395	58.6	4405	58.7	75
4L27T_-MDL03	3025	55.0	3020	54.9	55
4L30T_-MDL03	3340	60.7	3335	60.6	55
4L40T_-MDL03	3450	62.7	3445	62.6	55
4L27T_-MDL02	2225	55.6	2215	55.4	40
4L30T_-MDL02	2460	61.5	2445	61.1	40
4L40T_-MDL02	2540	63.5	2530	63.3	40