



# LED-A653/LED-A655

## POST-TOP LED CONVERSION KIT FOR A653 & A655 PRINCETON ACORN - "EASY TO INSTALL"

The versatile LED-A653/LED-A655 conversion kit transforms existing Sternberg A653 & A655 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-A653-4L40T5-MDL05

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
LED-A653	4L	27(00) K	T3	MDL02	682
LED-A655		30(00) K	T5	MDL03	682M
LED UPGRADE KIT FOR A653 & A655		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

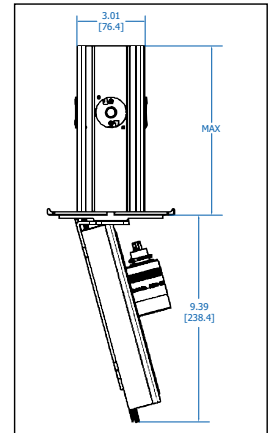
LED Systems and Drivers - 7 years.  
All conversion kits shall be free from all defects in materials and workmanship for a period of 7 years from the date of manufacture. The luminaire manufacturer shall warrant the LED boards/system, during the stated warranty period, against failure defined as more 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	9025	92.1	9260	94.5	98
4L30T_-MDL06	9970	101.7	10230	104.4	98
4L40T_-MDL06	10300	105.1	10570	107.9	98
4L27T_-MDL05	7445	99.3	7580	101.1	75
4L30T_-MDL05	8225	109.7	8370	111.6	75
4L40T_-MDL05	8500	113.3	8650	115.3	75
4L27T_-MDL03	5865	106.6	5920	107.6	55
4L30T_-MDL03	6480	117.8	6540	118.9	55
4L40T_-MDL03	6695	121.7	6760	122.9	55
4L27T_-MDL02	4330	108.3	4370	109.3	40
4L30T_-MDL02	4785	119.6	4825	120.6	40
4L40T_-MDL02	4945	123.6	4985	124.6	40