



VCOB-B780

POST-TOP LED CONVERSION KIT FOR B780 ELM STREET ACORN - "EASY TO INSTALL"

The versatile VCOB-B780 conversion kit transforms existing Sternberg B780 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: VCOB-B780-4L40TS-MDL03-682

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
VCOB-B780	4L	27(00) K	TS	MDL02	682
LED UPGRADE KIT FOR B780		30(00) K	TA	MDL03	682M
		40(00) K		MDL05	
		50(00) K		MDH02	
				MDH03	
				MDH05	



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
- Symmetric (TS) and Asymmetric (TA) distribution types available
- LM-79 and LM-80 tests in accordance with IESNA standards
- L70 Minimum 100,000 hours
- RoHS Compliant

Electrical

- Minimum driver power factor: >0.9.
- Electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines.
- 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
- MDH02: 250mA, 347V-480V
- MDH03: 350mA, 347V-480V
- MDH05: 500mA, 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	TS INITIAL LUMENS	EFFICACY (LPW)	TA INITIAL LUMENS	EFFICACY (LPW)	WATTAGE
4L40T_-MDL05	7730	103.1	7535	100.5	75
4L30T_-MDL05	7485	99.8	7300	97.3	75
4L27T_-MDL05	6805	90.7	6635	88.5	75
4L40T_-MDL03	6065	108.3	5940	106.1	56
4L30T_-MDL03	5875	104.9	5755	102.8	56
4L27T_-MDL03	5340	95.4	5230	93.4	56
4L40T_-MDL02	4480	112.0	4415	110.4	40
4L30T_-MDL02	4340	108.5	4275	106.9	40
4L27T_-MDL02	3945	98.6	3885	97.1	40