



VCOB-B790

POST-TOP LED CONVERSION KIT FOR B790 MANHATTAN ACORN - "EASY TO INSTALL"

The versatile VCOB-B790 conversion kit transforms existing Sternberg B790 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-B790-4L40TS-MDL03-682

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
VCOB-B790	4L	27(00) K	TS	MDL02	682
LED UPGRADE KIT FOR B790		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 and 508 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	7110	94.8	6740	89.9	75
4L30T_-MDL05	6885	91.8	6530	87.1	75
4L27T_-MDL05	6260	83.5	5935	79.1	75
4L40T_-MDL03	5580	99.6	5310	94.8	56
4L30T_-MDL03	5405	96.5	5145	91.9	56
4L27T_-MDL03	4915	87.8	4675	83.5	56
4L40T_-MDL02	4140	103.5	3930	98.3	40
4L30T_-MDL02	4010	100.3	3805	95.1	40
4L27T_-MDL02	3645	91.1	3460	86.5	40