



# VCOB-D650

## POST-TOP LED CONVERSION KIT FOR D650 BOULEVARD ACORN - "EASY TO INSTALL"

The versatile VCOB-D650 conversion kit transforms existing Sternberg D650 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-D650-4L40TS-MDL03-682

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
VCOB-D650	4L	27(00) K	TS	MDL02	682
VCOB-D650SR		30(00) K	TA	MDL03	682M
LED UPGRADE KIT FOR D650 & D650SR		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	8050	107.3	8050	107.3	75
4L30T_-MDL05	7795	103.9	7795	103.9	75
4L27T_-MDL05	7090	94.5	7090	94.5	75
4L40T_-MDL03	6430	114.8	6325	112.9	56
4L30T_-MDL03	6230	111.3	6125	109.4	56
4L27T_-MDL03	5660	101.1	5570	99.5	56
4L40T_-MDL02	4745	118.6	4675	116.9	40
4L30T_-MDL02	4595	114.9	4530	113.3	40
4L27T_-MDL02	4180	104.5	4115	102.9	40