



# VCOB-1130A/B

## POST-TOP LED CONVERSION KIT FOR 1130A & 1130B RIPON ACORN - "EASY TO INSTALL"

The versatile VCOB-1130 conversion kit transforms existing Sternberg 1130A & 1130B 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-1130A-4L40TS-MDL03-682

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
VCOB-1130A	4L	27(00) K	TS	MDL02	682
VCOB-1130B		30(00) K	TA	MDL03	682M
LED UPGRADE KIT FOR 1130A & 1130B		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, 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	7130	95.1	7015	93.5	75
4L30T_-MDL05	6905	92.1	6795	90.6	75
4L27T_-MDL05	6280	83.7	6175	82.3	75
4L40T_-MDL03	5595	99.9	5505	98.3	56
4L30T_-MDL03	5420	96.8	5330	95.2	56
4L27T_-MDL03	4925	87.9	4845	86.5	56
4L40T_-MDL02	4150	103.8	4075	101.9	40
4L30T_-MDL02	4020	100.5	3945	98.6	40
4L27T_-MDL02	3655	91.4	3590	89.8	40