



LED-1914

LED CONVERSION KIT FOR 1914 LIBERTYVILLE - "EASY TO INSTALL"

The versatile LED-1914 conversion kit transforms existing Sternberg 1914 downlights 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

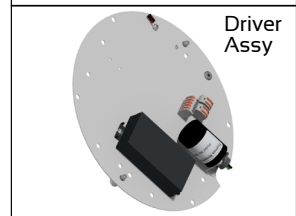
JOB NAME _____

FIXTURE TYPE _____

MEMO _____

HOW TO ORDER: LED-1914-3L40T3-MDL07

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	
				MDL	MDH
LED-1914	1L	27(00) K	T2	MDL06	MDH06
LED UPGRADE KIT FOR 1914	3L	30(00) K	T3	MDL07	MDH07
		40(00) K	T4	MDL08	MDH08
		50(00) K	T5	MDL09	MDH09
				MDL10	MDH10
				MDL12	MDH12
				MDL16	MDH16



Features & Specifications

Optical

- To retro-fit Sternberg HID units only.
- Not available to retro-fit existing units with a FLAT lens.
- 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.
- Designed to retro-fit Sternberg HID units only.

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):

- MDL06¹: 630mA, 120v-277v
- MDH06¹: 630mA, 347v-480v
- MDL07²: 700mA, 120v-277v

- MDH07²: 700mA, 347v-480v
- MDL08²: 800mA, 120v-277v
- MDH08²: 800mA, 347v-480v
- MDL09²: 900mA, 120v-277v
- MDH09²: 900mA, 347v-480v
- MDL10²: 1050mA, 120v-277v
- MDH10²: 1050mA, 347v-480v
- MDL12²: 1200mA, 120v-277v
- MDH12²: 1200mA, 347v-480v
- MDL16²: 1600mA, 120v-277v
- MDH16²: 1600mA, 347v-480v

¹ 1L System only
² 3L System only

Performance (Continued on next page)

Light Source	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
1L27T_-MDL06	4035	112.1	4195	119.9	4240	117.8	35
1L30T_-MDL06	4550	126.4	4635	132.4	4780	132.8	35
1L40T_-MDL06	4690	130.3	4790	136.9	4930	136.9	35
1L27T_-MDL09	5870	108.7	6080	114.7	6180	114.4	53
1L30T_-MDL09	6620	122.6	6715	126.7	6970	129.1	53
1L40T_-MDL09	6825	126.4	6935	130.8	7185	133.1	53
1L27T_-MDL12	7430	101.8	7725	107.3	7825	107.2	72
1L30T_-MDL12	8380	114.8	8530	118.5	8830	121.0	72
1L40T_-MDL12	8640	118.4	8815	122.4	9100	124.7	72
1L27T_-MDL16	9460	97.5	9835	101.4	9955	102.6	97
1L30T_-MDL16	10670	110.0	10860	112.0	11230	115.8	97
1L40T_-MDL16	11000	113.4	11220	115.7	11575	119.3	97

Performance (Continued)

Light Source	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
3L27T_-MDL07	14075	124.6	14320	127.9	14570	128.9	113
3L30T_-MDL07	15875	140.5	15815	141.2	16430	145.4	113
3L40T_-MDL07	16370	144.9	16340	145.9	16940	149.9	113
3L27T_-MDL08	16145	122.3	16425	125.4	16760	127.0	131
3L30T_-MDL08	18210	138.0	18140	138.5	18905	143.2	131
3L40T_-MDL08	18775	124.2	18740	143.1	19490	147.7	131
3L27T_-MDL09	17790	121.0	18175	123.6	18465	125.6	147
3L30T_-MDL09	20065	136.5	20070	136.5	20825	141.7	147
3L40T_-MDL09	20685	140.7	20740	141.1	21470	146.1	147
3L27T_-MDL10	20345	118.3	20635	120.0	21180	123.1	172
3L30T_-MDL10	22950	133.4	22790	132.5	23885	138.9	172
3L40T_-MDL10	23660	137.6	23545	136.9	24625	143.2	172

