XRLED-G743/G744/G745

SternbergLighting
ESTABLISHED 1923 / EMPLOYEE OWNED

POST-TOP LED CONVERSION KIT FOR G742/G743/G745 HOMETOWN ACORN - *"EASY TO INSTALL"*

The versatile XRLED-G743/G744/G745 conversion kit transforms existing Sternberg G743/G744/G745 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.

PROJECT:

TYPE:

HOW TO ORDER: XRLED-G743-12L45T5-MDL21

SERIES	LEDS	CCT - COLOR TEMPERATURE (K)	DISTRIBUTION TYPE	DRIVER	OPTIONAL DRIVER HOUSING
XRLED-G743[1]	9L	27(00) K	T5[2]	MDL07	682
XRLED-G744[1]	12L	35(00) K		MDL14	682M
XRLED-G745[1]		45(00) K		MDL21	
				MDH07	
				MDH14	

[1] Existing Sternberg fixture type [2] Distribution type created with prismatic acorn.

Features & Specifications

Optical

- Utilizes high output, high brightness LEDs.
- Operates at -40°C (-40°F) to +50°C (122°F) ambient air temperature range.
- Minimum CRI of 70, CCT 2700, 3500, and 4500K.
- LM-79 and LM-80 tests in accordance with IESNA standards.
- Lumen depreciation rated 50,000 hrs.
- RoHS Compliant.

Electrical

- 120-277 volt standard 347-480 volt option.
- Minimum drivers 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 heatsink.
- Rugged cast aluminum fitter cap.
- Designed for Sternberg 5P, 5T, 508 and 900 fitters. Consult factory for limitations and other fitters.

Controls

- Supplied with dimmable driver (0-10 volts).

Warranty & Standards

XRLED Systems and Drivers - 5 years. All fixtures shall be free from all defects in materials and workmanship for a period of 5 years from the date of manufacture. The luminaire manufacturer shall warrant the XRLED boards/ system, during the stated warranty period, against failure defined as more than 10 percent of non-operating LEDs.

Drivers (0-10V dimming):

MDL07: 700mA, 120-277V[3]

MDL14: 1400mA, 120-277V

MDL21: 2100mA, 120-277V[4]

MDH07: 700mA, 347-480V[3]

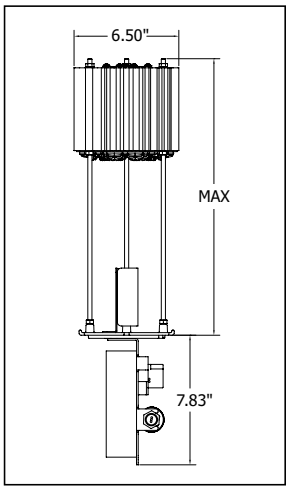
MDH14: 1400mA, 347-480V

Optional Driver Housing:

682: Driver housing required for fitters manufactured between 1985 and 2004.

682M: Driver housing required for fitters manufactured 1985 and before.

[3] For use with 9L system only.
[4] For use with 12L system only.



Performance

LIGHT SOURCE	G743 DELIVERED LUMENS	EFFICACY (LPW)	G744 DELIVERED LUMENS	EFFICACY (LPW)	G745 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
12L27T5-MDL21	3320	36.5	3320	36.5	4125	45.3	91
12L35T5-MDL21	3985	43.8	3985	43.8	4950	54.4	91
12L45T5-MDL21	4315	47.4	4315	47.4	5360	58.9	91
12L27T5-MDL14	2840	49.0	2840	49.0	3115	53.7	58
12L35T5-MDL14	3405	58.7	3405	58.7	3740	64.5	58
12L45T5-MDL14	3690	63.6	3690	63.6	4050	69.8	58
9L27T5-MDL14	2325	51.7	2325	51.7	2610	58.0	45
9L35T5-MDL14	2790	62.0	2790	62.0	3130	69.6	45
9L45T5-MDL14	3020	67.1	3020	67.1	3390	75.3	45
9L27T5-MDL07	1320	62.9	1320	62.9	1505	71.7	21
9L35T5-MDL07	1220	58.1	1220	58.1	1805	86.0	21
9L45T5-MDL07	1715	81.7	1715	81.7	1955	93.1	21

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