

Project Name

Qty

Type

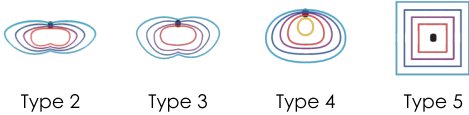
Catalog / Part Number



Certifications



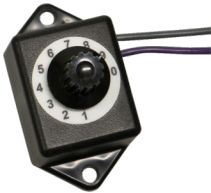
Distribution Type



CCT - Color Temp (K)



Optional Fixed Dimming Resistor Board



Fixed Dimming Resistor Board

Description

We've designed and tested this LED conversion kit specifically for the Libertyville 1914 HID luminaire with an acrylic teardrop lens.

The standard kit includes new optical and driver assemblies. Optional kits include a new acrylic lens or a factory sealed lens and door frame assembly.

Light Source

CCT - Color Temp (K)	27: 2,700K	30: 3,000K
	40: 4,000K	50: 5,000K
Distribution Type	T2: Type 2	T3: Type 3
	T4: Type 4	T5: Type 5
Driver	MDL06: 120V-277V, 630mA	MDH06: 347V-480V, 630mA
	MDL09: 120V-277V, 900mA	MDH09: 347V-480V, 900mA
	MDL12: 120V-277V, 1200mA	MDH12: 347V-480V, 1200mA
	MDL16: 120V-277V, 1600mA	MDH16: 347V-480V, 1600mA

Features

Finish	BKT: Black Textured	WHT: White Textured
	PGT: Park Green Textured	ABZT: Arch Med Bronze Tex
	DBT: Dark Bronze Textured	CM: Custom Match
	OI: Old Iron	RT: Rust
	WBR: Weathered Brown	CD: Cedar
	WBK: Weathered Black	TT: Two Tone
	VG: Verde Green	SI: Swedish Iron
	OWGT: Old World Gray Tex	

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

How to Order

Series	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Door Frame	Optional Fixed Dimming Resistor Board	Finish ⁽¹⁾ ⁽²⁾
LED-1914 Libertyville, Conversion Kit	1L 1 LED	27 2,700K	T2 Type 2	MDL06 120V-277V, 630mA	A Ribbed Acrylic Teardrop	LF Lens Frame	FDRB Fixed Dimming Resistor Board	BKT Black Textured
		30 3,000K	T3 Type 3	MDH06 347V-480V, 630mA				WHT White Textured
		40 4,000K	T4 Type 4	MDL09 120V-277V, 900mA				PGT Park Green Textured
		50 5,000K	T5 Type 5	MDH09 347V-480V, 900mA				ABZT Arch Med Bronze Tex
				MDL12 120V-277V, 1200mA				DBT Dark Bronze Textured
				MDH12 347V-480V, 1200mA				CM Custom Match
				MDL16 120V-277V, 1600mA				OI Old Iron
				MDH16 347V-480V, 1600mA				RT Rust
								WBR Weathered Brown
								CD Cedar
								WBK Weathered Black
								TT Two Tone
								VG Verde Green
								SI Swedish Iron
								OWGT Old World Gray Tex

Notes:

1. Smooth finishes are available upon request.

2. Custom colors require upcharge.

Specifications

Lens	An optional acrylic teardrop lens with vertical ribs can be included to refresh the existing acrylic teardrop lens.
Lens Frame and Lens	If any lens other than the Acrylic Teardrop is existing, it must be changed to the Acrylic Teardrop. A factory sealed painted lens frame with new gasket, acrylic teardrop and LED system is required.
IP Rating	IP66 rated luminaire for enhanced protection against dust and water intrusion.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Traditional Finish	Traditional paint finishes are available in Sternberg Lighting's Traditional product line. A range of colors help accent the decorative elements on the product. Finishes are available in textured or smooth. Available finishes include: Black, White, Park Green, Architectural Medium Bronze and Dark Bronze
Sternberg Select Finish	The Sternberg Select antique-inspired palette adds a touch of vintage elegance to modern applications. Old World Gray Textured is a 1 part powder coat with metallic flakes. Verde Green and Swedish Iron is a 2 part finish that includes a powder coat base coat with a hand applied antique top coat. The top coat is unique to each application and changes over time.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The luminaire shall use high output, high brightness LEDs, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high performance white LED's will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The High Brightness, High Output LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F). CCT Lumen Derate Values from 4,000K 2,700K (80+ CRI)=.88 3,000K (70+ CRI)=.97 3,500K (80+ CRI)=.93 5,000K (70+ CRI)=1.01
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.

Lumen Chart(s)

Tested with A lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L-40-T ₂ -MDL16	10720	B3U3G3	110.5	10980	B3U3G3	113.2	11220	B2U3G2	115.7	11575	B3U3G2	119.3	97
1L-30-T ₂ -MDL16	10445	B3U3G3	107.7	10700	B3U3G3	110.3	10935	B2U3G2	112.7	11280	B3U3G2	116.3	97
1L-27-T ₂ -MDL16	9490	B3U3G3	97.8	9720	B3U3G3	100.2	9935	B2U3G2	102.4	10250	B3U3G2	105.7	97
1L-40-T ₂ -MDL12	8400	B3U3G3	116.7	8655	B3U3G3	120.2	8815	B2U3G2	122.4	9100	B3U3G2	126.4	72
1L-30-T ₂ -MDL12	8185	B3U3G3	113.7	8435	B3U3G3	117.2	8590	B2U3G2	119.3	8870	B3U3G2	123.2	72
1L-27-T ₂ -MDL12	7435	B3U3G3	103.3	7665	B3U3G3	106.5	7805	B2U3G2	108.4	8055	B3U3G2	111.9	72
1L-40-T ₂ -MDL09	6655	B2U3G2	125.6	6840	B2U3G2	129.1	6935	B2U2G2	130.8	7185	B3U3G2	135.6	53
1L-30-T ₂ -MDL09	6485	B2U3G2	122.4	6665	B2U3G2	125.8	6760	B2U2G2	127.5	7000	B3U3G2	132.1	53
1L-27-T ₂ -MDL09	5890	B2U3G2	111.1	6055	B2U3G2	114.2	6140	B2U2G2	115.8	6360	B3U3G2	120.0	53
1L-40-T ₂ -MDL06	4570	B2U2G2	130.6	4700	B2U2G2	134.3	4790	B1U2G1	136.9	4930	B3U2G1	140.9	35
1L-30-T ₂ -MDL06	4455	B2U2G2	127.3	4580	B2U2G2	130.9	4670	B1U2G1	133.4	4805	B3U2G1	137.3	35
1L-27-T ₂ -MDL06	4045	B2U2G2	115.6	4160	B2U2G2	118.9	4240	B1U2G1	121.1	4365	B3U2G1	124.7	35

Dimensions

