

Project Name

Qty

Type

Catalog / Part Number



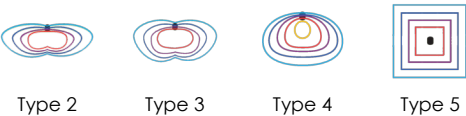
Certifications



Finish



Distribution Type



Description

The versatile LED-1910 conversion kit transforms existing Sternberg Lighting 1910 HID pendants into energy-efficient luminaires with significantly lower 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. Please contact factory to determine compatibility.

With this kit a NEW shade must be ordered, the existing shades cannot be reused.

Features

Series	LED-1910: Acorn, LED Conversion Kit	
Shade	LBS: Short Shade, Reno LB: Medium Shade, Lake Bluff LBL: Large Shade, Lake Bluff RLM18: 18" RLM Shade, Park Ridge RLM24: 24" RLM Shade, Park Ridge RLM32: 32" RLM Shade, Park Ridge	
Generation	GEN1: 1986-2004 - Fitters have an max opening dimension of 8.59" for a conversion kit with a 8" collar GEN2: Post-2004 - Fitters have an max opening dimension of 9.38" for a conversion kit with a 9" collar	
Finish	BKT: Black Textured PGT: Park Green Textured DBT: Dark Bronze Textured SI: Swedish Iron OI: Old Iron WBR: Weathered Brown WBK: Weathered Black CM: Custom Match	WHT: White Textured ABZT: Arch Med Bronze Tex VG: Verde Green OWGT: Old World Gray Tex RT: Rust CD: Cedar TT: Two Tone

CCT - Color Temp (K)

2,700K

3,000K

3,500K

4,000K

5,000K

Lens	A: Acrylic Clear Teardrop P: Poly Clear Teardrop FL: Flat Lens
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
Light Source	
LED	1L: 1 LED
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 50: 5,000K
Distribution Type	T2: Type 2 T3: Type 3 T4: Type 4 T5: Type 5
Driver	MDL03: 120V-277V, 300mA MDH03: 347V-480V, 300mA MDL06: 120V-277V, 600mA MDH06: 347V-480V, 600mA MDL09: 120V-277V, 900mA MDH09: 347V-480V, 900mA MDL12: 120V-277V, 1200mA MDH12: 347V-480V, 1200mA MDL16: 120V-277V, 1600mA MDH16: 347V-480V, 1600mA

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	Shade	Generation	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Fixed Dimming Resistor Board	Finish ⁽³⁾
LED-1910 Acorn, LED Conversion Kit	LBS Short Shade, Reno	GEN1 1986-2004 - Fitters have an max opening dimension of 8.59" for a conversion kit with a 8" collar GEN2 Post-2004 - Fitters have an max opening dimension of 9.38" for a conversion kit with a 9" collar	1L 1 LED	27 2,700K	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL03 120V-277V, 300mA MDH03 347V-480V, 300mA MDL06 120V-277V, 600mA MDH06 347V-480V, 600mA MDL09 120V-277V, 900mA MDH09 347V-480V, 900mA MDL12 120V-277V, 1200mA MDH12 347V-480V, 1200mA MDL16 120V-277V, 1600mA MDH16 347V-480V, 1600mA	A Acrylic Clear Teardrop P Poly Clear Teardrop FL Flat Lens ⁽²⁾	FDRB Fixed Dimming Resistor Board	BKT Black Textured WHT White Textured PGT Park Green Textured ABZT Arch Med Bronze Tex DBT Dark Bronze Textured VG Verde Green SI Swedish Iron OWGT Old World Gray Tex OI Old Iron RT Rust WBR Weathered Brown CD Cedar WBK Weathered Black TT Two Tone CM Custom Match ⁽⁴⁾
	LB Medium Shade, Lake Bluff ⁽¹⁾			30 3,000K					
	LBL Large Shade, Lake Bluff ⁽¹⁾			35 3,500K					
				40 4,000K					
				50 5,000K					
	RLM18 18" RLM Shade, Park Ridge								
	RLM24 24" RLM Shade, Park Ridge								
	RLM32 32" RLM Shade, Park Ridge								

Notes:

1. For use with T5 optic only

2. Available with RLM18 and RLM24 only.

3. Smooth finishes are available upon request.

4. Custom colors require upcharge.

Specifications

Housing	Cast Aluminum housing with an anodized aluminum heat sink.
Lens	Clear textured acorn offered in impact resistant DR acrylic or UV stabilized polycarbonate material. An injection molding process adds a textured surface for glare mitigation.
Shades	Optional heavy gauge spun aluminum shades in a variety of styles adds decorative elements and helps control up light. Existing shades on site CANNOT be reused, a NEW shade must be ordered.
Generation	There are physical differences in the decorative fitter on an existing unit from a GEN1 build to a GEN2 build. GEN1 - Shipped through 2004, fitter has a max opening dimension of 8.59" for a conversion kit with a 8" collar GEN2 - Shipped 2005 and sooner, fitter has a max opening dimension of 9.38" for a conversion kit with a 9" collar
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 operating in an ambient temperature of up to 40°C (105°F)
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. The High Brightness, High Output LEDs shall be 4000K (2700K, 3000K, 3500K or 5000K option) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. CCT Lumen Derate Values from 4,000K (70+ CRI) 2,700K (80+ CRI)=.88 3,000K (70+ CRI)=.97 3,500K (80+ CRI)=.93 5,000K (70+ CRI)=1.01 Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).
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)

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
1L40T_-MDL16	11060	B3U4G3	118.9	11115	B3U4G3	119.5	11095	B2U4G3	119.3	11615	B3U4G3	124.9	93
1L30T_-MDL16	10780	B3U4G3	115.9	10830	B3U4G3	116.5	10810	B2U4G3	116.2	11320	B3U4G3	121.7	93
1L27T_-MDL16	9790	B3U4G3	105.3	9840	B3U4G3	105.8	9825	B2U4G3	105.6	10285	B3U4G3	110.6	93
1L40T_-MDL12	8795	B2U4G2	127.5	8775	B2U4G3	127.2	8750	B2U4G3	126.8	9115	B3U4G2	132.1	69
1L30T_-MDL12	8570	B2U4G2	124.2	8550	B2U4G3	123.9	8525	B2U4G3	123.6	8885	B3U4G2	128.8	69
1L27T_-MDL12	7785	B2U4G2	112.8	7770	B2U4G3	112.6	7745	B2U4G3	112.2	8070	B3U4G2	117.0	69
1L40T_-MDL09	7140	B2U4G2	132.2	7115	B2U4G2	131.8	7110	B1U4G2	131.7	7390	B3U4G2	136.9	54
1L30T_-MDL09	6960	B2U4G2	128.9	6935	B2U4G2	128.4	6930	B1U4G2	128.3	7200	B3U4G2	133.3	54
1L27T_-MDL09	6320	B2U4G2	117.0	6300	B2U4G2	116.7	6295	B1U4G2	116.6	6545	B3U4G2	121.2	54
1L40T_-MDL06	4870	B1U3G2	135.3	4835	B2U3G2	134.3	4840	B1U3G2	134.4	5035	B2U3G2	139.9	36
1L30T_-MDL06	4745	B1U3G2	131.8	4710	B2U3G2	130.8	4715	B1U3G2	131.0	4905	B2U3G2	136.3	36
1L27T_-MDL06	4310	B1U3G2	119.7	4280	B2U3G2	118.9	4285	B1U3G2	119.0	4460	B2U3G2	123.9	36
1L40T_-MDL03	2390	B1U3G1	140.6	2395	B1U3G1	140.9	2390	B1U3G1	140.6	2485	B1U3G1	146.2	17
1L30T_-MDL03	2330	B1U3G1	137.1	2335	B1U3G1	137.4	2330	B1U3G1	137.1	2420	B1U3G1	142.4	17
1L27T_-MDL03	2115	B1U3G1	124.4	2120	B1U3G1	124.7	2115	B1U3G1	124.4	2200	B1U3G1	129.4	17

No Shade, Teardrop Lens (1910LED-A)

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
1L40T_-MDL16	10575	B3U3G3	113.7	10685	B3U3G3	114.9	10585	B2U3G2	113.8	11060	B3U3G2	118.9	93
1L30T_-MDL16	10305	B3U3G3	110.8	10415	B3U3G3	112.0	10315	B2U3G2	110.9	10780	B3U3G2	115.9	93
1L27T_-MDL16	9365	B3U3G3	100.7	9460	B3U3G3	101.7	9370	B2U3G2	100.8	9790	B3U3G2	105.3	93
1L40T_-MDL12	8370	B2U3G2	121.3	8375	B2U3G2	121.4	8310	B2U3G2	120.4	8680	B3U3G2	125.8	69
1L30T_-MDL12	8155	B2U3G2	118.2	8160	B2U3G2	118.3	8100	B2U3G2	117.4	8460	B3U3G2	122.6	69
1L27T_-MDL12	7410	B2U3G2	107.4	7415	B2U3G2	107.5	7355	B2U3G2	106.6	7685	B3U3G2	111.4	69
1L40T_-MDL09	6815	B2U3G2	126.2	6830	B2U3G2	126.5	6765	B1U3G2	125.3	7075	B3U3G1	131.0	54
1L30T_-MDL09	6640	B2U3G2	123.0	6655	B2U3G2	123.2	6595	B1U3G2	122.1	6895	B3U3G1	127.7	54
1L27T_-MDL09	6035	B2U3G2	111.8	6045	B2U3G2	111.9	5990	B1U3G2	110.9	6265	B3U3G1	116.0	54
1L40T_-MDL06	4625	B1U2G1	128.5	4640	B2U2G2	128.9	4600	B1U2G1	127.8	4810	B2U3G1	133.6	36
1L30T_-MDL06	4505	B1U2G1	125.1	4520	B2U2G2	125.6	4485	B1U2G1	124.6	4685	B2U3G1	130.1	36
1L27T_-MDL06	4095	B1U2G1	113.8	4110	B2U2G2	114.2	4075	B1U2G1	113.2	4260	B2U3G1	118.3	36
1L40T_-MDL03	2280	B1U2G1	134.1	2285	B1U2G1	134.4	2255	B1U2G1	132.6	2385	B1U2G1	140.3	17
1L30T_-MDL03	2220	B1U2G1	130.6	2225	B1U2G1	130.9	2200	B1U2G1	129.4	2325	B1U2G1	136.8	17
1L27T_-MDL03	2020	B1U2G1	118.8	2025	B1U2G1	119.1	1995	B1U2G1	117.4	2110	B1U2G1	124.1	17

RLM Shade, Teardrop Lens (1910LED-RLM18-A)

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
1L40T_-MDL16	10895	B2U0G2	117.2	10770	B3U0G3	115.8	10850	B2U0G2	116.7	11395	B3U0G2	122.5	93
1L30T_-MDL16	10615	B2U0G2	114.1	10495	B3U0G3	112.8	10575	B2U0G2	113.7	11105	B3U0G2	119.4	93
1L27T_-MDL16	9645	B2U0G2	103.7	9535	B3U0G3	102.5	9605	B2U0G2	103.3	10090	B3U0G2	108.5	93
1L40T_-MDL12	8590	B2U0G2	124.5	8480	B2U0G2	122.9	8625	B2U0G1	125.0	8945	B3U0G1	129.6	69
1L30T_-MDL12	8370	B2U0G2	121.3	8265	B2U0G2	119.8	8405	B2U0G1	121.8	8715	B3U0G1	126.3	69
1L27T_-MDL12	7605	B2U0G2	110.2	7510	B2U0G2	108.8	7635	B2U0G1	110.7	7920	B3U0G1	114.8	69
1L40T_-MDL09	6985	B2U0G2	129.4	6915	B2U0G2	128.1	7015	B2U0G1	129.9	7305	B3U0G1	135.3	54
1L30T_-MDL09	6805	B2U0G2	126.0	6740	B2U0G2	124.8	6835	B2U0G1	126.6	7120	B3U0G1	131.9	54
1L27T_-MDL09	6185	B2U0G2	114.5	6120	B2U0G2	113.3	6210	B2U0G1	115.0	6465	B3U0G1	119.7	54
1L40T_-MDL06	4755	B1U0G1	132.1	4700	B1U0G1	130.6	4780	B1U0G1	132.8	4975	B2U0G1	138.2	36
1L30T_-MDL06	4635	B1U0G1	128.8	4580	B1U0G1	127.2	4660	B1U0G1	129.4	4850	B2U0G1	134.7	36
1L27T_-MDL06	4210	B1U0G1	116.9	4160	B1U0G1	115.6	4230	B1U0G1	117.5	4405	B2U0G1	122.4	36
1L40T_-MDL03	2350	B1U0G1	138.2	2355	B1U0G1	138.5	2350	B1U0G1	138.2	2475	B1U0G1	145.6	17
1L30T_-MDL03	2290	B1U0G1	134.7	2295	B1U0G1	135.0	2290	B1U0G1	134.7	2410	B1U0G1	141.8	17
1L27T_-MDL03	2080	B1U0G1	122.4	2085	B1U0G1	122.6	2080	B1U0G1	122.4	2190	B1U0G1	128.8	17

RLM Shade, Flat Lens (1910LED-RLM18-FL)

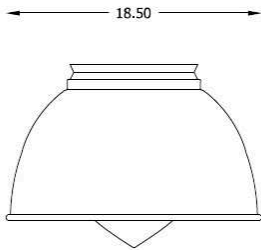
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1L40T_-MDL16	9610	B2U2G2	103.3	9450	B2U2G2	101.6	9815	B2U2G2	105.5	9600	B3U2G1	103.2	93
1L30T_-MDL16	9365	B2U2G2	100.7	9210	B2U2G2	99.0	9565	B2U2G2	102.8	9355	B3U2G1	100.6	93
1L27T_-MDL16	8510	B2U2G2	91.5	8365	B2U2G2	89.9	8690	B2U2G2	93.4	8500	B3U2G1	91.4	93
1L40T_-MDL12	7555	B2U2G1	109.5	7475	B2U2G1	108.3	7700	B2U2G1	111.6	7590	B2U2G1	110.0	69
1L30T_-MDL12	7365	B2U2G1	106.7	7285	B2U2G1	105.6	7505	B2U2G1	108.8	7395	B2U2G1	107.2	69
1L27T_-MDL12	6690	B2U2G1	97.0	6620	B2U2G1	95.9	6815	B2U2G1	98.8	6720	B2U2G1	97.4	69
1L40T_-MDL09	6145	B2U2G1	113.8	6085	B2U2G1	112.7	6260	B2U2G1	115.9	6165	B2U2G1	114.2	54
1L30T_-MDL09	5990	B2U2G1	110.9	5930	B2U2G1	109.8	6100	B2U2G1	113.0	6010	B2U2G1	111.3	54
1L27T_-MDL09	5440	B2U2G1	100.7	5385	B2U2G1	99.7	5540	B2U2G1	102.6	5460	B2U2G1	101.1	54
1L40T_-MDL06	4180	B1U2G1	116.1	4130	B1U2G1	114.7	4240	B1U1G1	117.8	4150	B2U1G1	115.3	36
1L30T_-MDL06	4075	B1U2G1	113.2	4025	B1U2G1	111.8	4130	B1U1G1	114.7	4045	B2U1G1	112.4	36
1L27T_-MDL06	3700	B1U2G1	102.8	3655	B1U2G1	101.5	3755	B1U1G1	104.3	3675	B2U1G1	102.1	36
1L40T_-MDL03	2055	B1U1G1	120.9	2025	B1U1G1	119.1	2075	B1U1G1	122.1	2060	B1U1G1	121.2	17
1L30T_-MDL03	2005	B1U1G1	117.9	1975	B1U1G1	116.2	2020	B1U1G1	118.8	2010	B1U1G1	118.2	17
1L27T_-MDL03	1820	B1U1G1	107.1	1795	B1U1G1	105.6	1835	B1U1G1	107.9	1825	B1U1G1	107.4	17

Short Shade, Teardrop Lens (1910LED-LBS-A)

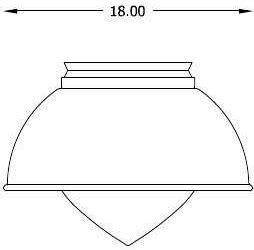
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1L40T_-MDL16	8955	B3U1G1	96.3	8010	B3U0G1	86.1	93
1L30T_-MDL16	8725	B3U1G1	93.8	7805	B3U0G1	83.9	93
1L27T_-MDL16	7930	B3U1G1	85.3	7090	B3U0G1	76.2	93
1L40T_-MDL12	7065	B2U1G1	100.9	6325	B2U0G1	90.4	70
1L30T_-MDL12	6885	B2U1G1	98.4	6165	B2U0G1	88.1	70
1L27T_-MDL12	6255	B2U1G1	89.4	5600	B2U0G1	80.0	70
1L40T_-MDL09	5710	B2U1G1	105.7	5165	B2U0G1	95.6	54
1L30T_-MDL09	5565	B2U1G1	103.1	5035	B2U0G1	93.2	54
1L27T_-MDL09	5055	B2U1G1	93.6	4575	B2U0G1	84.7	54
1L40T_-MDL06	3880	B2U1G1	107.8	3510	B2U0G1	97.5	36
1L30T_-MDL06	3780	B2U1G1	105.0	3420	B2U0G1	95.0	36
1L27T_-MDL06	3435	B2U1G1	95.4	3110	B2U0G1	86.4	36
1L40T_-MDL03	1910	B1U1G0	112.4	1725	B1U0G0	101.5	17
1L30T_-MDL03	1860	B1U1G0	109.4	1680	B1U0G0	98.8	17
1L27T_-MDL03	1690	B1U1G0	99.4	1525	B1U0G0	89.7	17

Medium and Large Shade, Teardrop Lens
(1910LED-LB-A) & (1910LED-LBL-A)

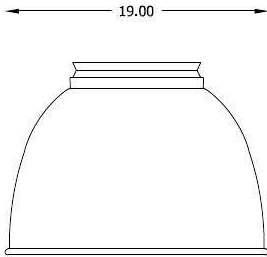
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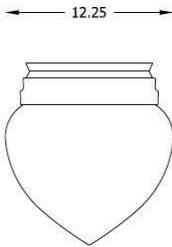
LED-1910-LB



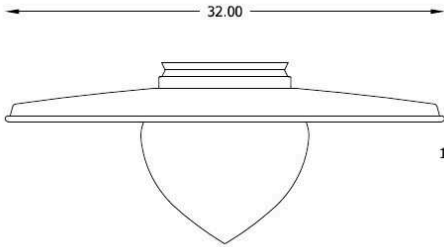
LED-1910-LBS



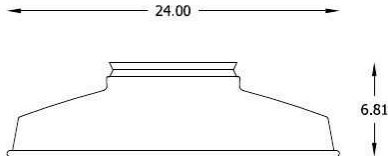
LED-1910-LBL



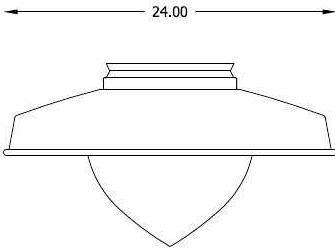
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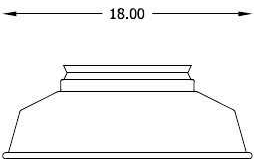
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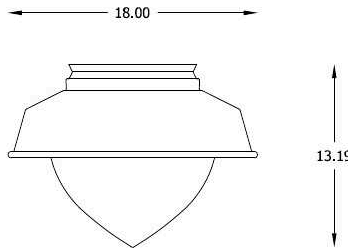
LED-1910-RLM24-FL



LED-1910-RLM24-A



LED-1910-RLM18-FL



LED-1910-RLM18-A