

Project Name

Qty

Type

Catalog / Part Number



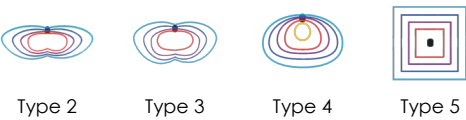
Certifications



Finish



Distribution Type



Description

The versatile LED-1930 conversion kit transforms existing Sternberg Lighting 1930 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-1930: Acorn, LED Conversion Kit	
Shade	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	
Lens	A: Acrylic Clear Teardrop P: Poly Clear Teardrop	
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board	
Finish	BKT: Black Textured PGT: Park Green Textured DBT: Dark Bronze Textured OI: Old Iron WBR: Weathered Brown WBK: Weathered Black SI: Swedish Iron	WHT: White Textured ABZT: Arch Med Bronze Tex CM: Custom Match RT: Rust CD: Cedar TT: Two Tone VG: Verde Green

CCT - Color Temp (K)



Light Source

LED	1L: 1 LED
	2L: 2 LEDs
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	MDL06: 120V-277V, 600mA
	MDH06: 347V-480V, 600mA
	MDL08: 120V-277V, 800mA
	MDH08: 347V-480V, 800mA
	MDL09: 120V-277V, 900mA
	MDH09: 347V-480V, 900mA
	MDL10: 120V-277V, 1000mA
	MDH10: 347V-480V, 1000mA
	MDL12: 120V-277V, 1200mA
	MDH12: 347V-480V, 1200mA

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 ⁽⁴⁾
LED-1930 Acom, LED Conversion Kit	RLM24 24" RLM Shade, Park Ridge	GEN1 1986-2004 - Fitters have an max opening dimension of 8.59" for a conversion kit with a 8" collar ⁽¹⁾ 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	MDL06 120V-277V, 600mA ⁽¹⁾	A Acrylic Clear Teardrop P Poly Clear Teardrop	FDRB Fixed Dimming Resistor Board	BKT Black Textured
			2L 2 LEDs	30 3,000K	T3 Type 3	MDH06 347V-480V, 600mA ⁽¹⁾			WHT White Textured
	35 3,500K			T4 Type 4	MDL08 120V-277V, 800mA ⁽²⁾	PGT Park Green Textured			
	40 4,000K			T5 Type 5	MDH08 347V-480V, 800mA ⁽²⁾	ABZT Arch Med Bronze Tex			
					50 5,000K	MDL09 120V-277V, 900mA ⁽¹⁾			DBT Dark Bronze Textured
						MDH09 347V-480V, 900mA ⁽¹⁾			CM Custom Match ⁽⁵⁾
						MDL10 120V-277V, 1000mA ⁽²⁾			OI Old Iron
						MDH10 347V-480V, 1000mA ⁽²⁾			RT Rust
						MDL12 120V-277V, 1200mA ⁽³⁾			WBR Weathered Brown
						MDH12 347V-480V, 1200mA ⁽³⁾			CD Cedar
									WBK Weathered Black
			TT Two Tone						
	SI Swedish Iron								
	VG Verde Green								

Notes:

1. For 1L only.

2. For 2L only.

3. For 1L or 2L only.
4. Smooth finishes are available upon request.

5. Custom colors require upcharge.

Specifications

Housing	Cast Aluminum housing with an anodized aluminum heat sink.
Lens	Clear or White textured acorn offered in dent 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
Hardware	Includes Stainless steel hardware. Most finishes will include hardware with a Black Oxide conversion coating. Light finishes will get non-color coated hardware (Whites and Silvers)
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)

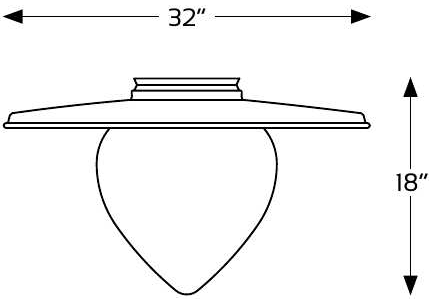
Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
2L40T_-MDL12	17500	B3U4G3	131.6	17680	B3U4G4	132.9	17560	B3U4G3	132.0	17965	B4U3G3	135.1	133
2L30T_-MDL12	17055	B3U4G3	128.2	17230	B3U4G4	129.5	17115	B3U4G3	128.7	17505	B4U3G3	131.6	133
2L27T_-MDL12	15495	B3U4G3	116.5	15655	B3U4G4	117.7	15545	B3U4G3	116.9	15905	B4U3G3	119.6	133
2L40T_-MDL10	14915	B3U4G3	134.4	15150	B3U4G3	136.5	14985	B2U4G3	135.0	15405	B4U3G3	138.8	111
2L30T_-MDL10	14535	B3U4G3	130.9	14765	B3U4G3	133.0	14605	B2U4G3	131.6	15015	B4U3G3	135.3	111
2L27T_-MDL10	13205	B3U4G3	119.0	13415	B3U4G3	120.9	13265	B2U4G3	119.5	13640	B4U3G3	122.9	111
2L40T_-MDL08	12225	B3U4G3	138.9	12345	B3U4G3	140.3	12225	B2U4G3	138.9	12750	B3U3G2	144.9	88
2L30T_-MDL08	11915	B3U4G3	135.4	12030	B3U4G3	136.7	11915	B2U4G3	135.4	12425	B3U3G2	141.2	88
2L27T_-MDL08	10825	B3U4G3	123.0	10930	B3U4G3	124.2	10825	B2U4G3	123.0	11290	B3U3G2	128.3	88
1L40T_-MDL12	8860	B2U3G2	126.6	8800	B2U3G3	125.7	8875	B2U3G2	126.8	9195	B3U3G2	131.4	70
1L30T_-MDL12	8635	B2U3G2	123.4	8575	B2U3G3	122.5	8650	B2U3G2	123.6	8960	B3U3G2	128.0	70
1L27T_-MDL12	7845	B2U3G2	112.1	7790	B2U3G3	111.3	7855	B2U3G2	112.2	8140	B3U3G2	116.3	70
1L40T_-MDL09	7185	B2U3G2	133.1	7145	B2U3G2	132.3	7240	B2U3G2	134.1	7460	B3U3G2	138.1	54
1L30T_-MDL09	7000	B2U3G2	129.6	6965	B2U3G2	129.0	7055	B2U3G2	130.6	7270	B3U3G2	134.6	54
1L27T_-MDL09	6360	B2U3G2	117.8	6325	B2U3G2	117.1	6410	B2U3G2	118.7	6605	B3U3G2	122.3	54
1L40T_-MDL06	4885	B2U3G2	135.7	4855	B2U3G2	134.9	4920	B2U3G2	136.7	5075	B3U3G1	141.0	36
1L30T_-MDL06	4760	B2U3G2	132.2	4730	B2U3G2	131.4	4795	B2U3G2	133.2	4945	B3U3G1	137.4	36
1L27T_-MDL06	4325	B2U3G2	120.1	4300	B2U3G2	119.4	4355	B2U3G2	121.0	4495	B3U3G1	124.9	36

1930LED-A

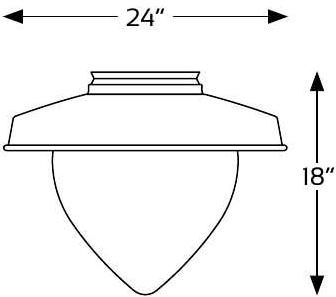
Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
2L40T_-MDL12	17125	B3U3G3	128.8	17370	B3U3G3	130.6	17365	B3U3G3	130.6	18030	B4U3G3	135.6	133
2L30T_-MDL12	16690	B3U3G3	125.5	16925	B3U3G3	127.3	16925	B3U3G3	127.3	17570	B4U3G3	132.1	133
2L27T_-MDL12	15160	B3U3G3	114.0	15380	B3U3G3	115.6	15375	B3U3G3	115.6	15965	B4U3G3	120.0	133
2L40T_-MDL10	14580	B3U3G3	131.4	14890	B3U3G3	134.1	14905	B2U3G3	134.3	15265	B4U3G3	137.5	111
2L30T_-MDL10	14210	B3U3G3	128.0	14510	B3U3G3	130.7	14525	B2U3G3	130.9	14875	B4U3G3	134.0	111
2L27T_-MDL10	12910	B3U3G3	116.3	13185	B3U3G3	118.8	13195	B2U3G3	118.9	13515	B4U3G3	121.8	111
2L40T_-MDL08	11915	B3U3G3	135.4	12200	B3U3G3	138.6	12195	B2U3G3	138.6	12455	B4U3G3	141.5	88
2L30T_-MDL08	11610	B3U3G3	131.9	11890	B3U3G3	135.1	11885	B2U3G3	135.1	12140	B4U3G3	138.0	88
2L27T_-MDL08	10550	B3U3G3	119.9	10800	B3U3G3	122.7	10795	B2U3G3	122.7	11025	B4U3G3	125.3	88
1L40T_-MDL12	8755	B2U3G2	125.1	8825	B3U3G3	126.1	8710	B2U3G2	124.4	9250	B3U3G2	132.1	70
1L30T_-MDL12	8530	B2U3G2	121.9	8600	B3U3G3	122.9	8490	B2U3G2	121.3	9015	B3U3G2	128.8	70
1L27T_-MDL12	7750	B2U3G2	110.7	7815	B3U3G3	111.6	7710	B2U3G2	110.1	8190	B3U3G2	117.0	70
1L40T_-MDL09	7050	B2U3G2	130.6	7170	B2U3G2	132.8	7070	B1U3G2	130.9	7445	B3U3G1	137.9	54
1L30T_-MDL09	6870	B2U3G2	127.2	6985	B2U3G2	129.4	6890	B1U3G2	127.6	7255	B3U3G1	134.4	54
1L27T_-MDL09	6240	B2U3G2	115.6	6350	B2U3G2	117.6	6260	B1U3G2	115.9	6590	B3U3G1	122.0	54
1L40T_-MDL06	4775	B2U3G2	132.6	4835	B2U3G2	134.3	4790	B1U3G1	133.1	5045	B2U3G1	140.1	36
1L30T_-MDL06	4655	B2U3G2	129.3	4710	B2U3G2	130.8	4670	B1U3G1	129.7	4915	B2U3G1	136.5	36
1L27T_-MDL06	4230	B2U3G2	117.5	4280	B2U3G2	118.9	4240	B1U3G1	117.8	4465	B2U3G1	124.0	36

1930LED-RLM-A

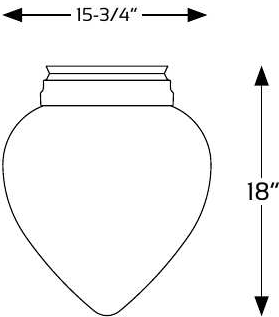
Dimensions



LED-1930-RLM32-A



LED-1930-RLM24-A



LED-1930-A