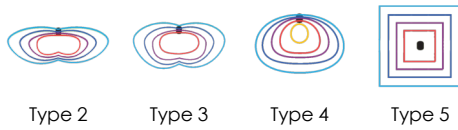


Project Name \_\_\_\_\_ Qty \_\_\_\_\_

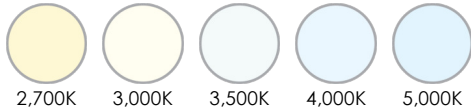
Type \_\_\_\_\_ Catalog / Part Number \_\_\_\_\_



**Distribution Type**



**CCT - Color Temp (K)**



**7 Year Warranty**



**IP Rating**



**Certifications**



**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.

**Physical**

<b>Series</b>	<b>LED-1910:</b> Acorn, LED Conversion Kit	
<b>Shade</b>	<b>LBS:</b> LBS Reno <b>LBL:</b> LBL Lake Bluff <b>RLM24:</b> RLM24 Park Ridge	<b>LB:</b> LB Lake Bluff <b>RLM18:</b> RLM18 Park Ridge <b>RLM32:</b> RLM32
<b>Generation</b>	<b>GEN1:</b> 1986-2004 - Fitters have an max opening dimension of 8.59" for a conversion kit with a 8" collar <b>GEN2:</b> Post-2004 - Fitters have an max opening dimension of 9.38" for a conversion kit with a 9" collar	
<b>Lens</b>	<b>A:</b> Acrylic Clear Teardrop <b>P:</b> Poly Clear Teardrop <b>FL:</b> Flat Lens	
<b>Finish</b>	<b>BKT:</b> Black Textured <b>PGT:</b> Park Green Textured  <b>DBT:</b> Dark Bronze Textured <b>OI:</b> Old Iron <b>WBR:</b> Weathered Brown <b>WBK:</b> Weathered Black <b>SI:</b> Swedish Iron	<b>WHT:</b> White Textured <b>ABZT:</b> Architectural Medium Bronze Textured <b>CM:</b> Custom Match <b>RT:</b> Rust <b>CD:</b> Cedar <b>TT:</b> Two Tone <b>VG:</b> Verde Green

**Light Source**

<b>LED</b>	<b>1L:</b> 1 LED	
<b>CCT - Color Temp (K)</b>	<b>27:</b> 2,700K	<b>30:</b> 3,000K
	<b>35:</b> 3,500K	<b>40:</b> 4,000K
	<b>50:</b> 5,000K	
<b>Distribution Type</b>	<b>T2:</b> Type 2	
	<b>T3:</b> Type 3	
	<b>T4:</b> Type 4	
	<b>T5:</b> Type 5	

**Electrical and control**

<b>Driver</b>	<b>MDL03:</b> 120V-277V, 300mA	<b>MDH03:</b> 347V-480V, 300mA
	<b>MDL06:</b> 120V-277V, 600mA	<b>MDH06:</b> 347V-480V, 600mA
	<b>MDL09:</b> 120V-277V, 900mA	<b>MDH09:</b> 347V-480V, 900mA
	<b>MDL12:</b> 120V-277V, 1200mA	<b>MDH12:</b> 347V-480V, 1200mA
	<b>MDL16:</b> 120V-277V, 1600mA	<b>MDH16:</b> 347V-480V, 1600mA

**Features**

<b>Optional Fixed Dimming Resistor Board</b>	<b>FDRB:</b> Fixed Dimming Resistor Board
----------------------------------------------	-------------------------------------------

**Specifications**

<b>Housing</b>	Cast Aluminum housing with an anodized aluminum heat sink.
<b>Shades</b>	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.
<b>Teardrop Lens</b>	An injection molding process adds a textured surface for glare mitigation, even wall thickness and impact resistance.
<b>IP Rating</b>	IP66 rated
<b>UL Listing</b>	UL listed per UL1598 for Wet Locations and CSA 22.2 No. 250.0 for the US and Canada.
<b>Electronic Driver</b>	The LED driver shall be securely mounted inside the fixture, for optimized performance and longevity and shall be U.L. Recognized. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.
<b>Finish</b>	6 Stage Polyester Powdercoat paint system.
<b>Traditional Finishes</b>	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.
<b>Sternberg Select Finishes</b>	Available with Sternberg Select Finishes in Verde Green, Swedish Iron, and Old World Gray Textured for a traditional aesthetic.
<b>Warranty</b>	7-year limited warranty (See Website for Terms and Conditions.)

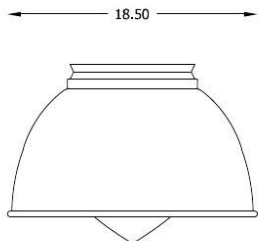
**LEDs** The luminaire shall use high output, high brightness LED's, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen 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 LEDs 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 LED's 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)=.89  
 3,000K (70+ CRI)=.97  
 3,500K (80+ CRI)=.93  
 5,000K (70+ CRI)=1.01

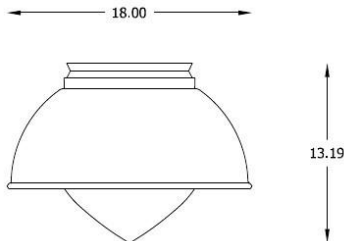
**Optics** The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

**FDRB** Optional 10-step field adjustable dimming board. Includes step dimming options from 25%-100%. The unit is conformal coated and UL recognized for use in damp locations.

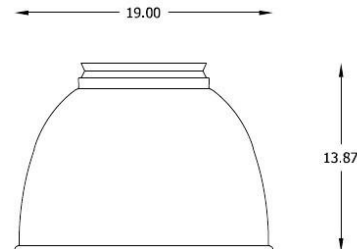
**Dimensions**



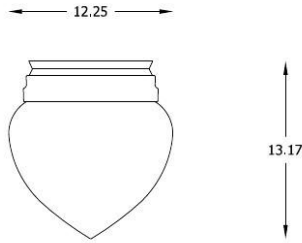
LED-1910-LB



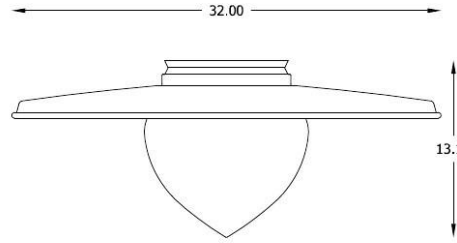
LED-1910-LBS



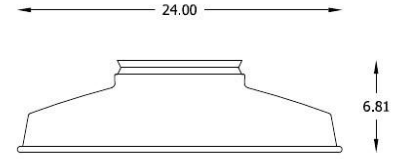
LED-1910-LBL



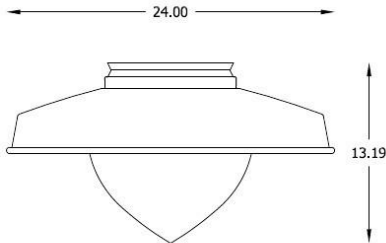
LED-1910-A



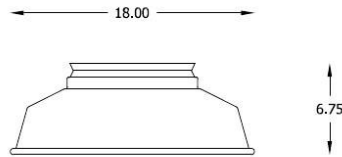
LED-1910-RLM32-A



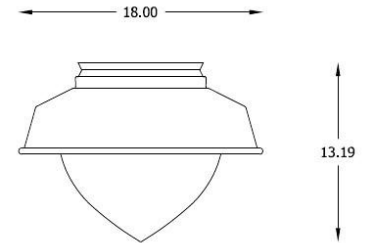
LED-1910-RLM24-FL



LED-1910-RLM24-A



LED-1910-RLM18-FL



LED-1910-RLM18-A

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	125.6	8775	B2U4G3	125.4	8750	B2U4G3	125.0	9115	B3U4G2	130.2	70
1L30T_-MDL12	8570	B2U4G2	122.4	8550	B2U4G3	122.1	8525	B2U4G3	121.8	8885	B3U4G2	126.9	70
1L27T_-MDL12	7785	B2U4G2	111.2	7770	B2U4G3	111.0	7745	B2U4G3	110.6	8070	B3U4G2	115.3	70
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

LED-1910-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

LED-1910-RLM-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

LED-1910-RLM-FL

Model #	TS DELIVERED LUMENS	BUG	EFFICACY (LPW)	TA DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L40T_-MDL16	8830	B3U1G1	94.9	8955	B3U1G1	96.3	93
1L30T_-MDL16	8605	B3U1G1	92.5	8725	B3U1G1	93.8	93
1L27T_-MDL16	7820	B3U1G1	84.1	7930	B3U1G1	85.3	93
1L40T_-MDL12	6935	B2U1G1	99.1	7065	B2U1G1	100.9	70
1L30T_-MDL12	6760	B2U1G1	96.6	6885	B2U1G1	98.4	70
1L27T_-MDL12	6140	B2U1G1	87.7	6255	B2U1G1	89.4	70
1L40T_-MDL09	5650	B2U1G1	104.6	5710	B2U1G1	105.7	54
1L30T_-MDL09	5505	B2U1G1	101.9	5565	B2U1G1	103.1	54
1L27T_-MDL09	5000	B2U1G1	92.6	5055	B2U1G1	93.6	54
1L40T_-MDL06	3840	B2U1G1	106.7	3880	B2U1G1	107.8	36
1L30T_-MDL06	3740	B2U1G1	103.9	3780	B2U1G1	105.0	36
1L27T_-MDL06	3400	B2U1G1	94.4	3435	B2U1G1	95.4	36
1L40T_-MDL03	1885	B1U1G0	110.9	1910	B1U1G0	112.4	17
1L30T_-MDL03	1835	B1U1G0	107.9	1860	B1U1G0	109.4	17
1L27T_-MDL03	1670	B1U1G0	98.2	1690	B1U1G0	99.4	17

LED-1910-LB-A

Model #	TS DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L40T_-MDL16	8010	B3U0G1	86.1	93
1L30T_-MDL16	7805	B3U0G1	83.9	93
1L27T_-MDL16	7090	B3U0G1	76.2	93
1L40T_-MDL12	6325	B2U0G1	90.4	70
1L30T_-MDL12	6165	B2U0G1	88.1	70
1L27T_-MDL12	5600	B2U0G1	80.0	70
1L40T_-MDL09	5165	B2U0G1	95.6	54
1L30T_-MDL09	5035	B2U0G1	93.2	54
1L27T_-MDL09	4575	B2U0G1	84.7	54
1L40T_-MDL06	3510	B2U0G1	97.5	36
1L30T_-MDL06	3420	B2U0G1	95.0	36
1L27T_-MDL06	3110	B2U0G1	86.4	36
1L40T_-MDL03	1725	B1U0G0	101.5	17
1L30T_-MDL03	1680	B1U0G0	98.8	17
1L27T_-MDL03	1525	B1U0G0	89.7	17

LED-1910-LBL-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	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

LED-1910-LBS-A

**How to Order**

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

**Notes:**

- 1. Available with RLM18 and RLM24 only.
- 2. Smooth finishes are available upon request.

- 3. Custom colors require upcharge.