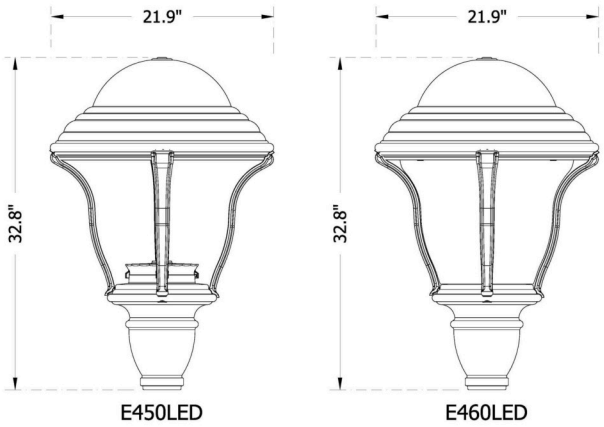
Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____





Certifications

Description

The E450LED and E460LED Euro is a large scale fixture that includes a permanent mold cast aluminum roof, fitter and (4) sweeping support legs. This unique family adapts classic design elements in a more contemporary package.

E450LED - EPA: 1.66 (ft²) | WEIGHT: 52 LBS
E460LED - EPA: 2.2 (ft²) | WEIGHT: 52 LBS

Mounting Configuration


Wall Mount


Post Top


1 Arm Mount


1 Arm & Post Top


2 Arm Mount @ 180°


2 Arm Mount @ 90°


2Arm @180 & Post Top


3 Arms @ 120°


3 Arms @ 90°


3Arm @120 & Post Top


4 Arms @ 90°


4Arm @90 & Post Top


1Arm MidMount


2Arm MidMount @180


Pier Base

Features

Mounting Configuration	**1W:** Wall Mount **PT:** Post Top **1A:** 1 Arm Mount **1APT:** 1 Arm & Post Top **2A:** 2 Arm Mount @ 180° **2A90:** 2 Arm Mount @ 90° **2APT:** 2Arm @180 & Post Top **3A:** 3 Arms @ 120° **3A90:** 3 Arms @ 90° **3APT:** 3Arm @120 & Post Top **4A:** 4 Arms @ 90° **4APT:** 4Arm @90 & Post Top **1AM:** 1Arm MidMount **2AM:** 2Arm MidMount @180 **550PB:** Pier Base
Fixture	**E450LED:** Open Body, Large Euro **E460LED:** Full Body Lens, Large Euro
Fitter	**R3:** To slip fit 3" OD x 3" tall tenon **R4:** To slip fit 4" OD x 3" tall tenon

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Technologies



Solar

Finish



Black Textured



White Textured



Park Green Textured



Arch Med Bronze Tex



Dark Bronze Textured



Verde Green



Swedish Iron



Old World Gray Tex



Old Iron



Rust



Weathered Brown



Cedar



Weathered Black



Two Tone



Custom Match

CCT - Color Temp (K)



2,700K 3,000K 3,500K 4,000K 5,000K

Distribution Type



Type 2 Type 3 Type 4 Type 5

Lens	**CA:** Clear Acrylic **FA:** Frosted Acrylic **FL:** Flat Lens **SG:** Sag Glass **FSG:** Frosted Sag Glass **SV1:** Flat SoftVue™ Light Diffused Acrylic **SV2:** Flat SoftVue™ Moderate Diffused Acrylic
Optional Control	**PEC:** Electronic Button Photocontrol (120V-277V) **PEC4:** Electronic Button Photocontrol (480V)
Optional Fuse	**FHD:** Double Fuse and Holder
Optional House Side Shield	**BLOC:** Back Light Optical Control
Optional Fixed Dimming Resistor Board	**FDRB:** Fixed Dimming Resistor Board
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

Light Source

LED	**16L:** 16 LEDs **32L:** 32 LEDs	**24L:** 24 LEDs
CCT - Color Temp (K)	**27:** 2,700K **35:** 3,500K **50:** 5,000K	**30:** 3,000K **40:** 4,000K
Distribution Type	**T2:** Type 2 **T4:** Type 4	**T3:** Type 3 **T5:** Type 5
Driver	**MDL008:** 120V-277V, 80mA **MDH008:** 347V-480V, 80mA **MDL010:** 120V-277V, 100mA **MDH010:** 347V-480V,100mA **MDL011:** 120V-277V, 110mA **MDH011:** 347V-480V,110mA **MDL012:** 120V-277V, 120mA **MDH012:** 347V-480V,120mA **MDS48V:** DC Solar, 48V	

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.

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How to Order

Mounting Configuration (1)	Fixture	Fitter (1)	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Control	Optional Fuse (12)	Optional House Side Shield (13)	Optional Fixed Dimming Resistor Board	Finish
1W Wall Mount **PT** Post Top **1A** 1 Arm Mount **1APT** 1 Arm & Post Top **2A** 2 Arm Mount @ 180° **2A90** 2 Arm Mount @ 90° **2APT** 2Arm @180 & Post Top **3A** 3 Arms @ 120° (2) **3A90** 3 Arms @ 90° **3APT** 3Arm @120 & Post Top (2) **4A** 4 Arms @ 90° **4APT** 4Arm @90 & Post Top **1AM** 1Arm MidMount **2AM** 2Arm MidMount @180 **550PB** Pier Base (3)	**E450LED** Open Body, Large Euro **E460LED** Full Body Lens, Large Euro	**R3** To slip fit 3" OD x 3" tall tenon **R4** To slip fit 4" OD x 3" tall tenon	**16L** 16 LEDs **24L** 24 LEDs **32L** 32 LEDs	**27** 2,700K **30** 3,000K **35** 3,500K **40** 4,000K **50** 5,000K	**T2** Type 2 **T3** Type 3 **T4** Type 4 **T5** Type 5	**MDL008** 120V-277V, 80mA (4) **MDH008** 347V-480V, 80mA (4) **MDL010** 120V-277V, 100mA (5) **MDH010** 347V-480V,100mA (5) **MDL011** 120V-277V, 110mA (6) **MDH011** 347V-480V,110mA (6) **MDL012** 120V-277V, 120mA (7) **MDH012** 347V-480V,120mA (7) **MDS48V** DC Solar, 48V (8) (9)	**CA** Clear Acrylic (10) **FA** Frosted Acrylic (10) **FL** Flat Lens (11) **SG** Sag Glass (11) **FSG** Frosted Sag Glass (11) **SV1** Flat SoftVue™ Light Diffused Acrylic (11) **SV2** Flat SoftVue™ Moderate Diffused Acrylic (11)	**PEC** Electronic Button Photocontrol (120V-277V) **PEC4** Electronic Button Photocontrol (480V)	**FHD** Double Fuse and Holder	**BLOC** Back Light Optical Control	**FDRB** Fixed Dimming Resistor Board	**BKT** Black Textured (14) **WHT** White Textured (14) **PGT** Park Green Textured (14) **ABZT** Arch Med Bronze Tex (14) **DBT** Dark Bronze Textured (14) **CM** Custom Match (15) **OI** Old Iron (15) **RT** Rust (15) **WBR** Weathered Brown (15) **CD** Cedar (15) **WBK** Weathered Black (15) **TT** Two Tone (15) **VG** Verde Green **SI** Swedish Iron **OWGT** Old World Gray Tex

Notes:

1. Use 3" fitter for arm applications.
2. Only available with a round profile pole.
3. For use with (R3) fitter only
4. 16L system only.
5. 24L system only.
6. 32L system only.
7. 16L or 24L system only.
8. Not for use with FDRB.
9. Only available in 3,000K and 4,000K CCT.
10. For Full Body Lens "60" model only.
11. For Open Body "50" model only.
12. Ships loose for installation in base.
13. Not for use with T5 optic.
14. Smooth finishes are available upon request.
15. Custom colors require upcharge.

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Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Fitter	The fitter shall be heavy wall die cast aluminum for high tensile strength. It includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon. The fixture can slip-fit a 3"OD **(R3)** or 4"OD **(R4)** x 3" tall tenons/poles.
Recommended Arms	This Modern Classic luminaire pairs well with the variety of arms: **OM, 480, 478 and VF** An assortment of alternate arms are available to suit any application. Build your assembly in Genesis to review different arm styles.
Solar Power System	Luminaire available for integration with solar platforms **(controller, panel, and batteries by others)** with a 48VDC **(MDS48V)** board configuration. Offered in 3,000K or 4,000K CCT Max drive current (mA) is based on the number of LEDs: 16L = 960mA 24L = 1,680mA 32L = 2,240mA Consult solar platform manufacturer to confirm compatibility with the voltages and system currents above.
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)**
Lens	Optional glare reducing SoftVue™ lens provides optimal visual comfort. **Open Body "50"**: Uses a .125" thick acrylic lens. Offered in clear **(FL)**, Soft Vue Medium Diffused Acrylic **(SV1)** or Soft Vue Heavy Diffused Acrylic **(SV2)**. Also available with .188" thick glass lens. Sag Glass **(SG)** or Frosted Sag Glass **(FSG)** **Full Body Lens "60"**: Uses a .125" thick impact modified acrylic full body formed lens. Offered in clear **(CA)** or fully frosted **(FA)**.
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance.
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.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating for specific configurations.
IP Rating	IP65 rated optical module for enhanced protection against dust and water intrusion.
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.

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Custom Finish	Custom finishes are offered to adapt to any application. **Rust, Weathered Brown and Cedar** are special 1 part powder coat finishes with a distinctive look. **Old Iron and Weathered Black** are 2 part finishes 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. **Two-Tone and Custom Match** options are available to blend Sternberg product with the site, consult factory for more information.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. 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 white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum _____ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F). **CCT Lumen Derate Values from 4,000K** 2,700K (70+ CRI)=**.92** 3,000K (70+ CRI)=**.95** 3,500K (70+ CRI)=**1.03** 5,000K (70+ CRI)=**1.00**
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.
Backlight Optical Control	**BLOC Optic (BLOC):** An optional "Back Light Optical Control" shield can be provided at the factory. This is an internal optic level "House Side Shield" offering significantly reduced backlight and glare while maintaining the original design aesthetics of the luminaire.
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.
Photocontrols	**Button Photocell:** The photocontrol shall be mounted on the fixture and pre-wired to driver. The electronic button type photocontrol is instant on and will turn on at 1.5 footcandles and will turn off at 2-3 footcandles. See pole spec sheet for pole mounted version.

Options



Fixed Dimming Resistor Board **(FDRB)**



House Side Shield **(HSS)**



Double Fuse Holder & (2) 3A Fuses **(FHD)**



Button Photocell **(PEC/PEC4)**

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Lumen Chart(s)

Tested with CLEAR 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
32L40T_-MDL011	9655	B2U0G2	106.1	9175	B2U0G2	100.8	9675	B2U0G2	106.3	10050	B3U0G2	110.4	91
32L30T_-MDL011	9205	B2U0G2	101.2	8750	B2U0G2	96.2	9225	B2U0G2	101.4	9580	B3U0G2	105.3	91
32L27T_-MDL011	8905	B2U0G2	97.9	8465	B2U0G2	93.0	8925	B2U0G2	98.1	9270	B3U0G2	101.9	91
24L40T_-MDL012	7775	B2U0G2	105.1	7335	B2U0G2	99.1	7645	B1U0G2	103.3	7925	B3U0G1	107.1	74
24L30T_-MDL012	7415	B2U0G2	100.2	6995	B2U0G2	94.5	7290	B1U0G2	98.5	7555	B3U0G1	102.1	74
24L27T_-MDL012	7170	B2U0G2	96.9	6765	B2U0G2	91.4	7050	B1U0G2	95.3	7310	B3U0G1	98.8	74
24L40T_-MDL010	6660	B1U0G1	107.4	6290	B2U0G2	101.5	6555	B1U0G2	105.7	6855	B3U0G1	110.6	62
24L30T_-MDL010	6350	B1U0G1	102.4	5995	B2U0G2	96.7	6250	B1U0G2	100.8	6535	B3U0G1	105.4	62
24L27T_-MDL010	6145	B1U0G1	99.1	5800	B2U0G2	93.5	6045	B1U0G2	97.5	6325	B3U0G1	102.0	62
16L40T_-MDL012	5155	B1U0G1	101.1	4905	B2U0G2	96.2	5110	B1U0G1	100.2	5305	B2U0G1	104.0	51
16L30T_-MDL012	4915	B1U0G1	96.4	4675	B2U0G2	91.7	4870	B1U0G1	95.5	5060	B2U0G1	99.2	51
16L27T_-MDL012	4755	B1U0G1	93.2	4525	B2U0G2	88.7	4715	B1U0G1	92.5	4895	B2U0G1	96.0	51
16L40T_-MDL008	3585	B1U0G1	105.4	3420	B1U0G1	100.6	3555	B1U0G1	104.6	3685	B2U0G1	108.4	34
16L30T_-MDL008	3420	B1U0G1	100.6	3260	B1U0G1	95.9	3390	B1U0G1	99.7	3515	B2U0G1	103.4	34
16L27T_-MDL008	3305	B1U0G1	97.2	3155	B1U0G1	92.8	3280	B1U0G1	96.5	3400	B2U0G1	100.0	34

E450LED - Open Body

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
32L40T_-MDL011	9745	B2U3G2	107.1	9755	B2U3G3	107.2	10115	B2U3G2	111.2	10675	B3U3G2	117.3	91
32L30T_-MDL011	9290	B2U3G2	102.1	9300	B2U3G3	102.2	9645	B2U3G2	106.0	10180	B3U3G2	111.9	91
32L27T_-MDL011	8990	B2U3G2	98.8	9000	B2U3G3	98.9	9330	B2U3G2	102.5	9845	B3U3G2	108.2	91
24L40T_-MDL012	7880	B2U2G2	106.5	7855	B2U2G2	106.1	8000	B2U3G2	108.1	8450	B3U3G1	114.2	74
24L30T_-MDL012	7515	B2U2G2	101.6	7490	B2U2G2	101.2	7630	B2U3G2	103.1	8055	B3U3G1	108.9	74
24L27T_-MDL012	7270	B2U2G2	98.2	7245	B2U2G2	97.9	7380	B2U3G2	99.7	7795	B3U3G1	105.3	74
24L40T_-MDL010	6800	B2U2G2	109.7	6735	B2U2G2	108.6	6905	B2U2G2	111.4	7230	B3U2G1	116.6	62
24L30T_-MDL010	6485	B2U2G2	104.6	6420	B2U2G2	103.5	6585	B2U2G2	106.2	6895	B3U2G1	111.2	62
24L27T_-MDL010	6270	B2U2G2	101.1	6210	B2U2G2	100.2	6370	B2U2G2	102.7	6670	B3U2G1	107.6	62
16L40T_-MDL012	5245	B2U2G2	102.8	5210	B1U2G2	102.2	5370	B1U2G2	105.3	5580	B3U2G1	109.4	51
16L30T_-MDL012	5000	B2U2G2	98.0	4965	B1U2G2	97.4	5120	B1U2G2	100.4	5320	B3U2G1	104.3	51
16L27T_-MDL012	4840	B2U2G2	94.9	4805	B1U2G2	94.2	4955	B1U2G2	97.2	5145	B3U2G1	100.9	51
16L40T_-MDL008	3640	B1U2G1	107.1	3615	B1U2G1	106.3	3730	B1U2G1	109.7	3875	B2U2G1	114.0	34
16L30T_-MDL008	3470	B1U2G1	102.1	3445	B1U2G1	101.3	3555	B1U2G1	104.6	3695	B2U2G1	108.7	34
16L27T_-MDL008	3360	B1U2G1	98.8	3335	B1U2G1	98.1	3440	B1U2G1	101.2	3575	B2U2G1	105.1	34

E460LED - Full Body Lens

Recommended Arms

An assortment of alternate arms are also available



(OM) Arm



(480) Arm



(478) Arm



(VF) Arm

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Dimensions



Open Body, "R3" fitter
(E450LED-R3)



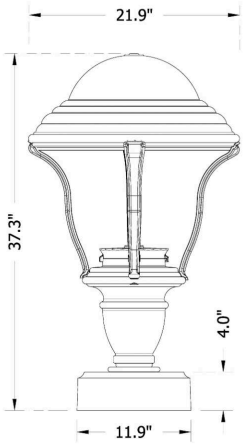
Full Body Lens, "R3" fitter
(E460LED-R3)



Open Body, "R4" fitter
(E450LED-R4)



Full Body Lens, "R4" fitter
(E460LED-R4)



Pier Base
(550PB)

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