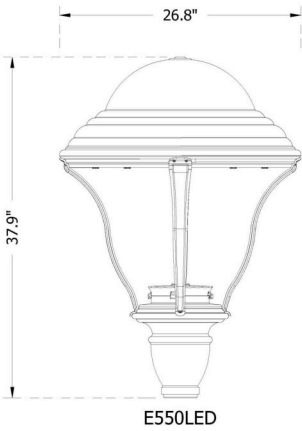


Project Name

Qty

Type

Catalog / Part Number



Certifications



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

Description

The E550LED Euro is an X-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.

EPA: 1.34 (ft²) | WEIGHT: 67 LBS

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

Fixture

E550LED: Open Body, X-Large Euro

Lens

- FG: Flat Glass
- SG: Sag Glass

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

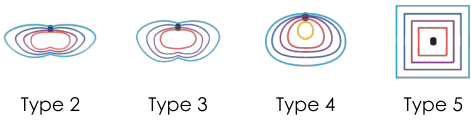
Finish



CCT - Color Temp (K)



Distribution Type



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

24L: 24 LEDs
32L: 32 LEDs
40L: 40 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

MDL012: 120V-277V, 120mA
MDH012: 347V-480V, 120mA
MDL014: 120V-277V, 140mA
MDH014: 347V-480V, 140mA
MDL016: 120V-277V, 160mA
MDH016: 347V-480V, 160mA

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

Mounting Configuration	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Fuse ⁽⁵⁾	Optional House Side Shield ⁽⁴⁾	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° ⁽¹⁾ 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top ⁽¹⁾ 4A 4 Arms @ 90° 4APT 4Arm @90 & Post Top	E550LED Open Body, X-Large Euro 32L 32 LEDs 40L 40 LEDs	24L 24 LEDs 32L 32 LEDs 40L 40 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	MDL012 120V-277V, 120mA ⁽²⁾ MDH012 347V-480V, 120mA ⁽²⁾ MDL014 120V-277V, 140mA ⁽³⁾ MDH014 347V-480V, 140mA ⁽³⁾ MDL016 120V-277V, 160mA ⁽⁴⁾ MDH016 347V-480V, 160mA ⁽⁴⁾	FG Flat Glass SG Sag Glass	FHD Double Fuse and Holder	BLOC Back Light Optical Control	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽⁷⁾ WHT White Textured ⁽⁷⁾ PGT Park Green Textured ⁽⁷⁾ ABZT Arch Med Bronze Tex ⁽⁷⁾ DBT Dark Bronze Textured ⁽⁷⁾ CM Custom Match ⁽⁸⁾ OI Old Iron ⁽⁸⁾ RT Rust ⁽⁸⁾ WBR Weathered Brown ⁽⁸⁾ CD Cedar ⁽⁸⁾ WBK Weathered Black ⁽⁸⁾ TT Two Tone ⁽⁸⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex

- Notes:
1. Only available with a round profile pole.

2. 24L or 32L system only.

3. 40L system only.

4. 32L system only.

5. Ships loose for installation in base.

6. Not for use with T5 optic.

7. Smooth finishes are available upon request.

8. Custom colors require upcharge.

Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Fitter	The aluminum fitter Includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.
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. Uses a .188" thick glass lens. . Offered in Flat Glass (FG) or Sag Glass (SG)
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.
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.

Lumen Chart(s)

Tested with FG 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
40L40T_-MDL014	13940	B3U0G3	96.8	13180	B3U0G3	91.5	13440	B2U0G2	93.3	14470	B3U0G2	100.5	144
40L30T_-MDL014	13290	B3U0G3	92.3	12565	B3U0G3	87.3	12815	B2U0G2	89.0	13795	B3U0G2	95.8	144
40L27T_-MDL014	12860	B3U0G3	89.3	12155	B3U0G3	84.4	12395	B2U0G2	86.1	13345	B3U0G2	92.7	144
32L40T_-MDL016	13120	B2U0G2	98.6	12375	B3U0G3	93.0	12620	B2U0G2	94.9	13335	B3U0G2	100.3	133
32L30T_-MDL016	12510	B2U0G2	94.1	11800	B3U0G3	88.7	12035	B2U0G2	90.5	12715	B3U0G2	95.6	133
32L27T_-MDL016	12100	B2U0G2	91.0	11415	B3U0G3	85.8	11640	B2U0G2	87.5	12300	B3U0G2	92.5	133
32L40T_-MDL012	10520	B2U0G2	106.3	9980	B2U0G2	100.8	10120	B2U0G2	102.2	10690	B3U0G1	108.0	99
32L30T_-MDL012	10030	B2U0G2	101.3	9515	B2U0G2	96.1	9650	B2U0G2	97.5	10190	B3U0G1	102.9	99
32L27T_-MDL012	9705	B2U0G2	98.0	9205	B2U0G2	93.0	9335	B2U0G2	94.3	9860	B3U0G1	99.6	99
24L40T_-MDL012	7965	B2U0G2	107.6	7525	B2U0G2	101.7	7550	B1U0G2	102.0	7980	B3U0G1	107.8	74
24L30T_-MDL012	7595	B2U0G2	102.6	7175	B2U0G2	97.0	7200	B1U0G2	97.3	7610	B3U0G1	102.8	74
24L27T_-MDL012	7345	B2U0G2	99.3	6940	B2U0G2	93.8	6965	B1U0G2	94.1	7360	B3U0G1	99.5	74

Options



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

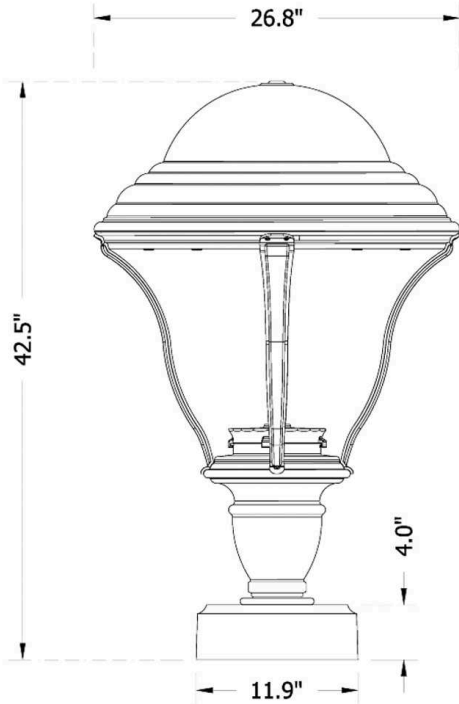


Fixed Dimming Resistor Board (FDRB)

Dimensions



Open Body (E550LED)



Pier Base (550PB)