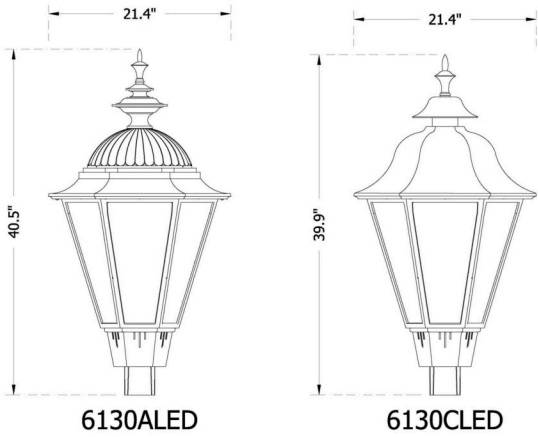


Project Name

Qty

Type

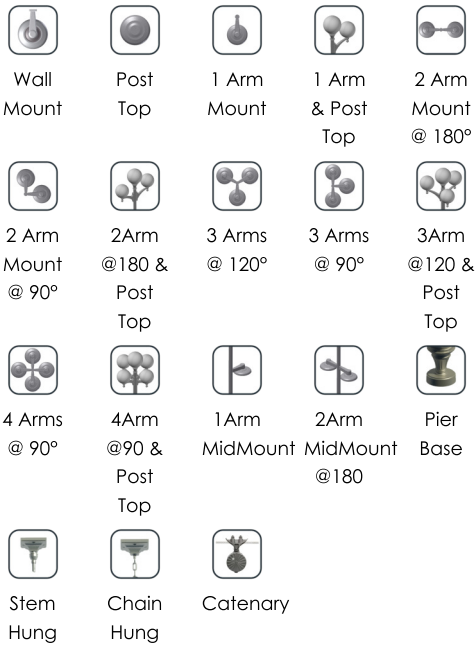
Catalog / Part Number



Certifications



Mounting Configuration



Technologies



Description

The 6130_LED Heritage Series is a large scale elegantly styled fixture series featuring a tapered six sided cage and roof. Two unique roof styles makes this a configurable product for any application.

EPA: 2.32 (ft²) | WEIGHT: 53 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
- 1AM: 1Arm MidMount
- 2AM: 2Arm MidMount @180
- 450PB: Pier Base
- SH44: Stem Hung
- CH44: Chain Hung
- CAT: Catenary

Fixture

- 6130ALED: Heritage, Fluted Roof
- 6130ALEDH: Heritage, Fluted Roof Hanging
- 6130CLED: Heritage, Solid Roof
- 6130CLEDH: Heritage, Solid Roof Hanging

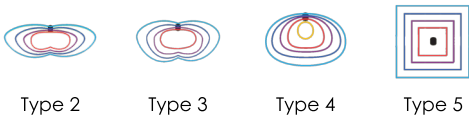
Finish



CCT - Color Temp (K)



Distribution Type



Lens	SV1: Flat SoftVue™ Light Diffused Acrylic SV2: Flat SoftVue™ Moderate Diffused Acrylic SV4: Flat SoftVue™ Maximum Diffused Acrylic CTA: Clear Textured Acrylic CSA: Clear Seeded Acrylic PA: Prismatic Acrylic	
Optional Control Receptacle	R7: 7-Pin control receptacle only	
Optional Control	PE: Twist-Lock Photocontrol (120V-277V) PE4: Twist-Lock Photocontrol (347V-480V) SC: Shorting Cap PEC: Electronic Button Photocontrol (120V-277V) PEC4: Electronic Button Photocontrol (480V)	
Optional Fuse	FHD: Double Fuse and Holder	
Optional Hangstraight	EZ: Vertical Hangstraight, Large, "EZ" Mount	
Optional House Side Shield	BLOC: Back Light Optical Control	
Optional Chimney	FHC: Frosted Hurricane Chimney	
Optional Internal Flat Lens	SV1F: Light diffused internal flat lens SV2F: Moderate diffused internal flat lens SV4F: Maximum diffused internal flat lens	
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	12L: 12 LEDs 24L: 24 LEDs	16L: 16 LEDs 32L: 32 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 MDL014: 120V-277V, 140mA MDL016: 120V-277V, 160mA MDL018: 120V-277V, 180mA MDS48V: DC Solar, 48V	MDH008: 347V-480V, 80mA MDH014: 347V-480V, 140mA MDH016: 347V-480V, 160mA MDH018: 347V-480V, 180mA

How to Order

Mounting Configuration	Overall Drop Length (In Inches) ⁽⁵⁾ ⁽⁶⁾	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount		6130ALED Heritage, Fluted Roof	12L 12 LEDs	27 2,700K	T2 Type 2	MDL008 120V-277V, 80mA ⁽⁷⁾	SV1 Flat SoftVue™ Light Diffused Acrylic
PT Post Top ⁽¹⁾		6130ALEDH Heritage, Fluted Roof Hanging	16L 16 LEDs	30 3,000K	T3 Type 3	MDH008 347V-480V, 80mA ⁽⁷⁾	SV2 Flat SoftVue™ Moderate Diffused Acrylic
1A 1 Arm Mount		6130CLED Heritage, Solid Roof	24L 24 LEDs	35 3,500K	T4 Type 4	MDL014 120V-277V, 140mA ⁽⁸⁾	SV4 Flat SoftVue™ Maximum Diffused Acrylic
1APT 1 Arm & Post Top ⁽¹⁾		6130CLEDH Heritage, Solid Roof Hanging	32L 32 LEDs	40 4,000K	T5 Type 5	MDH014 347V-480V, 140mA ⁽⁸⁾	
2A 2 Arm Mount @ 180°				50 5,000K		MDL016 120V-277V, 160mA ⁽⁹⁾	CTA Clear Textured Acrylic
2A90 2 Arm Mount @ 90°						MDH016 347V-480V, 160mA ⁽⁹⁾	CSA Clear Seeded Acrylic
2APT 2Arm @180 & Post Top ⁽¹⁾						MDL018 120V-277V, 180mA ⁽¹⁰⁾	PA Prismatic Acrylic
3A 3 Arms @ 120° ⁽²⁾						MDH018 347V-480V, 180mA ⁽¹⁰⁾	
3A90 3 Arms @ 90°						MDS48V DC Solar, 48V ⁽¹¹⁾ ⁽¹²⁾	
3APT 3Arm @120 & Post Top ⁽¹⁾ ⁽²⁾							
4A 4 Arms @ 90°							
4APT 4Arm @90 & Post Top ⁽¹⁾							
1AM 1Arm MidMount							
2AM 2Arm MidMount @180							
450PB Pier Base ⁽¹⁾							
SH44 Stem Hung ⁽³⁾							
CH44 Chain Hung ⁽³⁾							
CAT Catenary ⁽³⁾ ⁽⁴⁾							

Notes:

1. For use with Post Top fixture only.

2. Only available with a round profile pole.

3. For use with hanging (H) fixture only.

4. Requires EZ hang-straight.

5. Required field for Stem or Chain Mounting Configuration.

6. Minimum 45" Overall Drop Length.
7. 12L system only.

8. 12L or 24L system only.

9. 16L and 32L systems only.

10. 24L system only.

11. Not for use with R7, PEC and FDRB options.

12. Only available in 3,000K and 4,000K CCT.

How to Order

Optional Control Receptacle ⁽¹³⁾ ⁽¹⁴⁾	Optional Control	Optional Fuse ⁽¹⁶⁾	Optional Hangstraight ⁽³⁾ ⁽¹⁷⁾	Optional House Side Shield ⁽¹⁸⁾	Optional Chimney	Optional Internal Flat Lens	Optional Fixed Dimming Resistor Board ⁽¹⁷⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽¹⁵⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹⁵⁾ SC Shorting Cap ⁽¹⁵⁾ PEC Electronic Button Photocontrol (120V-277V) PEC4 Electronic Button Photocontrol (480V)	FHD Double Fuse and Holder	EZ Vertical Hangstraight, Large, "EZ" Mount	BLOC Back Light Optical Control	FHC Frosted Hurricane Chimney	SV1F Light diffused internal flat lens SV2F Moderate diffused internal flat lens SV4F Maximum diffused internal flat lens	FDRB Fixed Dimming Resistor Board	BKT Black Textured ⁽¹⁹⁾ WHT White Textured ⁽¹⁹⁾ PGT Park Green Textured ⁽¹⁹⁾ ABZT Arch Med Bronze Tex ⁽¹⁹⁾ DBT Dark Bronze Textured ⁽¹⁹⁾ CM Custom Match ⁽²⁰⁾ OI Old Iron ⁽²⁰⁾ RT Rust ⁽²⁰⁾ WBR Weathered Brown ⁽²⁰⁾ CD Cedar ⁽²⁰⁾ WBK Weathered Black ⁽²⁰⁾ TT Two Tone ⁽²⁰⁾ VG Verde Green SI Swedish Iron OWGT Old World Gray Tex

Notes:

3. For use with hanging (H) fixture only.

13. Not for use with FDRB.

14. Not for use with STEM, CHAIN, CAT, or EZ mounting style.

15. Requires control receptacle.

16. Ships loose for installation in base.
17. Not for use with R7.

18. Not for use with TS optic.

19. Smooth finishes are available upon request.

20. Custom colors require upcharge.

Specifications

Fitter	The aluminum fitter Includes 6 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.
Hang-Straight	A hang-straight transition is required for most mounting configurations when a HANGING version of the fixture is selected. The (EZ) is a cast stainless steel ball and swivel vertical hang-straight. The special 2-part design allows for easy installation. It is factory installed under an arm and on the fixture.
Catenary Mount	The Catenary mount option includes a cast aluminum span wire clamp, which accommodates cables 1/4"-5/8" in diameter. Below the clamp is a decorative cast aluminum wire box and cover which transitions to the EZ vertical Hangstraight for fixture attachment. Aircraft Cable by others.
Internal Lens	An optional internal diffusing lens can be added for visual comfort. Suggested for use with CSA lenses but can be used in addition to any other external lens. Optional (SV1F) light diffused acrylic flat horizontal lens. Optional (SV2F) moderate diffused acrylic flat horizontal lens. Optional (SV4F) maximum diffused acrylic flat horizontal lens.
Frosted Chimney	An optional hourglass shaped opal glass Hurricane Chimney sits a top a decorative brass holder. This ornate feature adds a decorative element inside the lens to create a classic look.
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: 12L = 720mA 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. The lantern includes a variety of 1/8" thick lenses installed internally to the body and held in place with aluminum clips. (CSA) Clear Seeded Acrylic (CTA) Clear Textured Acrylic (SV1) Soft Vue Light Diffused Acrylic (SV2) Soft Vue Moderate Diffused Acrylic (SV4) Soft Vue Maximum Diffused Acrylic (PA) Prismatic Acrylic (ATA) Amber Textured Acrylic
Serviceability	Easy access to service the lens in the field.
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.
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)=.85 3,000K (70+ CRI)=.92 3,500K (70+ CRI)=1.00 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. Twist-Lock Style (Roof Mount): The photocontrol shall be mounted on the roof and prewired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turnoff at 2-3 footcandles. Photocontrol is 120-277 volt.

Lumen Chart(s)

Tested with CSA 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_-MDL016	13635	B3U3G3	102.5	13660	B3U3G3	102.7	14065	B3U3G3	105.8	14770	B4U3G2	111.1	133
32L30T_-MDL016	12585	B3U3G3	94.6	12610	B3U3G3	94.8	12985	B3U3G3	97.6	13635	B4U3G2	102.5	133
32L27T_-MDL016	11535	B3U3G3	86.7	11560	B3U3G3	86.9	11900	B3U3G3	89.5	12500	B4U3G2	94.0	133
24L40T_-MDL018	11410	B3U3G3	99.2	11440	B3U3G3	99.5	11810	B2U3G3	102.7	12430	B3U3G2	108.1	115
24L30T_-MDL018	10530	B3U3G3	91.6	10560	B3U3G3	91.8	10900	B2U3G3	94.8	11475	B3U3G2	99.8	115
24L27T_-MDL018	9655	B3U3G3	84.0	9680	B3U3G3	84.2	9995	B2U3G3	86.9	10520	B3U3G2	91.5	115
24L40T_-MDL014	9295	B2U3G2	106.8	9285	B3U3G3	106.7	9590	B2U3G2	110.2	10090	B3U3G2	116.0	87
24L30T_-MDL014	8580	B2U3G2	98.6	8570	B3U3G3	98.5	8850	B2U3G2	101.7	9315	B3U3G2	107.1	87
24L27T_-MDL014	7865	B2U3G2	90.4	7855	B3U3G3	90.3	8115	B2U3G2	93.3	8540	B3U3G2	98.2	87
16L40T_-MDL016	7055	B2U3G2	105.3	7005	B2U3G2	104.6	7150	B2U3G2	106.7	7590	B3U3G2	113.3	67
16L30T_-MDL016	6510	B2U3G2	97.2	6465	B2U3G2	96.5	6600	B2U3G2	98.5	7005	B3U3G2	104.6	67
16L27T_-MDL016	5970	B2U3G2	89.1	5925	B2U3G2	88.4	6050	B2U3G2	90.3	6420	B3U3G2	95.8	67
12L40T_-MDL014	4970	B1U2G1	110.4	4740	B1U3G2	105.3	4000	B1U3G1	88.9	5185	B3U3G1	115.2	45
12L30T_-MDL014	4590	B1U2G1	102.0	4375	B1U3G2	97.2	3690	B1U3G1	82.0	4785	B3U3G1	106.3	45
12L27T_-MDL014	4205	B1U2G1	93.4	4010	B1U3G2	89.1	3385	B1U3G1	75.2	4385	B3U3G1	97.4	45
12L40T_-MDL008	3040	B1U2G1	112.6	2905	B1U2G1	107.6	2460	B1U2G1	91.1	3185	B2U2G1	118.0	27
12L30T_-MDL008	2805	B1U2G1	103.9	2680	B1U2G1	99.3	2270	B1U2G1	84.1	2940	B2U2G1	108.9	27
12L27T_-MDL008	2570	B1U2G1	95.2	2460	B1U2G1	91.1	2080	B1U2G1	77.0	2695	B2U2G1	99.8	27

Dimensions



Heritage, Fluted Roof
(6130ALED)



Heritage, Solid Roof
(6130CLEDD)



Heritage, Fluted Roof Hanging
(6130ALEDH)



Heritage, Solid Roof Hanging
(6130CLEDDH)



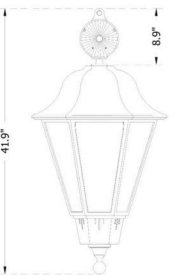
Heritage, Solid Roof Hanging
Stem or Chain Hung
(SH44/CH44-6130CLEDDH)



Heritage, Fluted Roof Hanging
Stem or Chain Hung
(SH44/CH44-6130ALEDH)



Pier Mount, Solid Roof
(450PB-6130CLEDD)



Catenary, Solid Roof Hanging
(CAT-6130CLEDDH)

Options



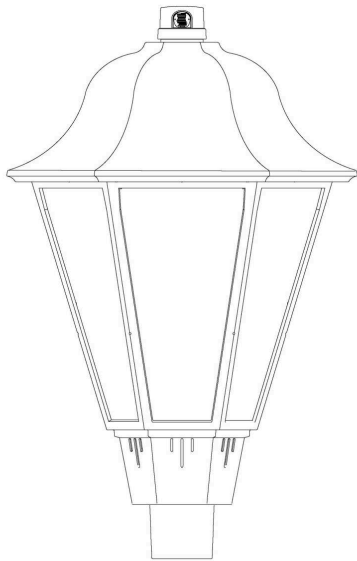
Fixed Dimming Resistor Board
(FDRB)



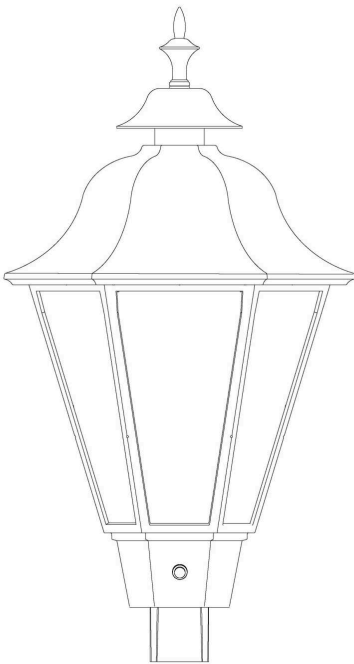
"EZ" Vertical hangstraight (EZ)



Frosted Hurricane Chimney, Opal Glass (FHC)



7-Pin NEMA Twist-Lock Receptacle and Photocell
(R7-PE)



Button Photocell (PEC/PEC4)