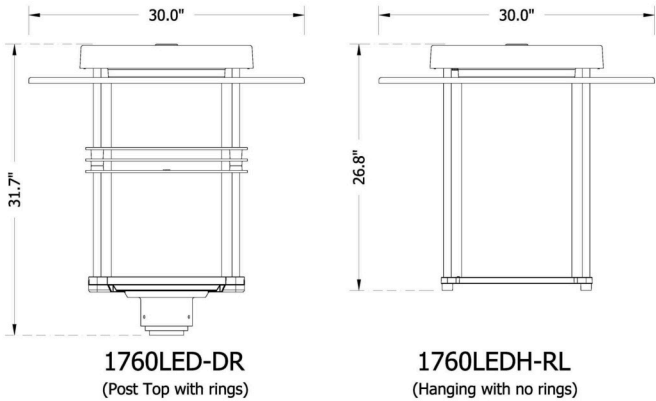


Project Name

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



1Arm
MidMount



2Arm
MidMount
@180



Pier Base



Stem
Hung



Catenary

Description

The 1760LED Chateau™ series luminaire is a large scale, dramatic design fixture featuring a tall, cylindrical body made up of a cast aluminum top, round lens and flat, spun aluminum shade. Offered with optional external rings and internal diffusing lens.

EPA: 1.25 (ft²) | WEIGHT: 60 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
- 550PB: Pier Base
- SH44: Stem Hung
- CAT: Catenary

Fixture

- 1760LED: Post Top
- 1760LEDH: Hanging

Rings

- DR: Decorative Rings
- RL: Ring-less

Fitter

- R3: To slip fit 3" OD x 3" tall tenon
- R4: To slip fit 4" OD x 3" tall tenon
- R5: To slip fit 5" OD x 3" tall tenon

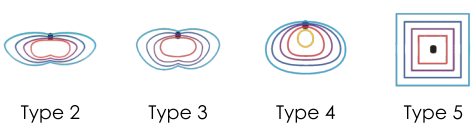
Finish



CCT - Color Temp (K)



Distribution Type



Lens	CA: Clear Acrylic WA: White 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	HSHS: Standard Horizontal Hangstraight, Spike Finial HSHN: Standard Horizontal Hangstraight, No Finial HSHB: Standard Horizontal Hangstraight, Ball Finial EZ: Vertical Hangstraight, Large, "EZ" Mount	
Optional House Side Shield	HSS: 120° House Side Shield	
Optional Internal Diffusing Lens	SV2C: Moderate diffused internal cup lens	
Finish	UGMT: Urban Gun Metal Textured UGM: Urban Gun Metal Matte UBT: Urban Bronze Textured UB: Urban Bronze Matte USLT: Urban Silver Textured USL: Urban Silver Matte UWHT: Urban White Textured UWH: Urban White Matte BKT: Black Textured CM: Custom Match	

Light Source

LED	1L: 1 LED	
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	MDL10: 120V-277V, 1050mA MDH10: 347V-480V, 1050mA MDL12: 120V-277V, 1200mA MDH12: 347V-480V, 1200mA MDL14: 120V-277V, 1400mA MDH14: 347V-480V, 1400mA MDL16: 120V-277V, 1600mA MDH16: 347V-480V, 1600mA	

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	Overall Drop Length (In Inches) (4) (5)	Fixture	Rings	Fitter (1)	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount PT Post Top (1) 1A 1 Arm Mount 1APT 1 Arm & Post Top (1) 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 2APT 2Arm @180 & Post Top (1) 3A 3 Arms @ 120° 3A90 3 Arms @ 90° 3APT 3Arm @120 & Post Top (1) 4A 4 Arms @ 90° 4APT 4Arm @90 & Post Top (1) 1AM 1Arm MidMount 2AM 2Arm MidMount @180 550PB Pier Base (2) SH44 Stem Hung (3) CAT Catenary (3)		1760LED Post Top 1760LEDH Hanging	DR Decorative Rings (4) RL Ring-less	R3 To slip fit 3" OD x 3" tall tenon R4 To slip fit 4" OD x 3" tall tenon R5 To slip fit 5" OD x 3" tall tenon	1L 1 LED	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	MDL10 120V-277V,1050mA MDH10 347V-480V,1050mA MDL12 120V-277V, 1200mA MDH12 347V-480V,1200mA MDL14 120V-277V, 1400mA MDH14 347V-480V,1400mA MDL16 120V-277V, 1600mA MDH16 347V-480V,1600mA	CA Clear Acrylic (7) WA White Acrylic

Notes:

1. For use with Post Top fixture only.

2. For use with (R3) fitter only

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

4. Required field for Stem Mounting Configuration.
5. Minimum 34" Overall Drop Length.

6. If used with CA lens, a SV2C Internal Lens is required.

7. If used with Decorative Rings, a SV2C Internal Lens is required.

How to Order

Optional Control Receptacle ⁽⁸⁾	Optional Control	Optional Fuse ⁽¹¹⁾	Optional Hangstraight ⁽³⁾	Optional House Side Shield ⁽¹²⁾	Optional Internal Diffusing Lens	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁹⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁹⁾ SC Shorting Cap ⁽⁹⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽¹⁰⁾ PEC4 Electronic Button Photocontrol (480V) ⁽¹⁰⁾	FHD Double Fuse and Holder	HSHS Standard Horizontal Hangstraight, Spike Finial HSHN Standard Horizontal Hangstraight, No Finial HSHB Standard Horizontal Hangstraight, Ball Finial EZ Vertical Hangstraight, Large, "EZ" Mount	HSS 120° House Side Shield	SV2C Moderate diffused internal cup lens ⁽¹³⁾	UGMT Urban Gun Metal Textured UGM Urban Gun Metal Matte UBT Urban Bronze Textured UB Urban Bronze Matte USLT Urban Silver Textured USL Urban Silver Matte UWHT Urban White Textured UWH Urban White Matte BKT Black Textured CM Custom Match ⁽¹⁴⁾

Notes:

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

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

9. Requires control receptacle.

10. Only for use with CAT mounting configuration
11. Ships loose for installation in base.

12. Not for use with T5 optic.

13. Required option when using both the DR and CA options.

14. Custom colors require upcharge.

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 3"OD x 3" tall (R3), 4"OD x 3" tall (R4) or 5"OD x 3" tall (R5) tenons/poles.
Hang-Straight	A hang-straight transition is required for most hanging mounting configurations. The Standard (HSHx) is an aluminum ball and swivel horizontal hang-straight. Available with a spike (S), a ball (B), or no finial (N). The hang-straight slips a 4" long by 2-3/8" OD horizontal tenon. 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.
Decorative Rings	Optional decorative cast aluminum 3 Ring set
Internal Lens	An optional (SV2C) moderate diffused acrylic internal cup lens can be added for visual comfort. Required option when using both the Decorative Rings (DR) and Clear Acrylic external lens (CA) , but can be used in addition to any other external lens.
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.
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.
Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White
Custom Finish	Custom finishes are offered to adapt to any application. Custom Match option is 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 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 at 25°C. The High Brightness, High Output LEDs 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)=.88 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.
Backlight Optical Control	Internal House Side Shield (HSS): An optional INTERNAL 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture.
Photocontrols	Button Photocell: The photocontrol shall be mounted on the "Catenary Box" and pre-wired to driver. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a 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. Twist-Lock Style (Hangstraight Mount): The photocontrol shall be mounted externally on the hangstraight and pre-wired 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 turn-off at 2-3 footcandles. If an R7 is specified alongside a BALL or SPIKE style finial on hang-straight, a decorative cap (with window) is included to cover a STANDARD photocell. Use the NO FINIAL hangstraight option if the R7 is used with a WIRELESS CONTROLLER .

Lumen Chart(s)

Tested with CA lens

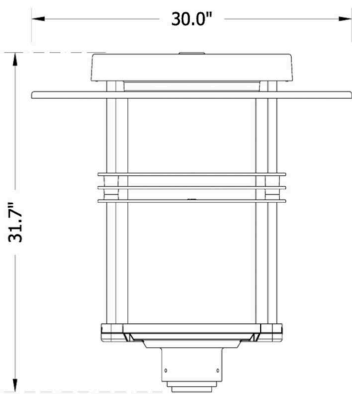
Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L40T_-MDL16	7085	B3U3G3	76.2	7525	B3U3G3	80.9	7790	B2U3G3	83.8	8745	B3U3G2	94.0	93
1L30T_-MDL16	6905	B3U3G3	74.2	7335	B3U3G3	78.9	7590	B2U3G3	81.6	8520	B3U3G2	91.6	93
1L27T_-MDL16	6275	B3U3G3	67.5	6660	B3U3G3	71.6	6895	B2U3G3	74.1	7740	B3U3G2	83.2	93
1L40T_-MDL14	6275	B2U3G2	77.5	6665	B3U3G3	82.3	6905	B2U3G3	85.2	7745	B3U3G2	95.6	81
1L30T_-MDL14	6115	B2U3G2	75.5	6495	B3U3G3	80.2	6730	B2U3G3	83.1	7550	B3U3G2	93.2	81
1L27T_-MDL14	5555	B2U3G2	68.6	5900	B3U3G3	72.8	6115	B2U3G3	75.5	6855	B3U3G2	84.6	81
1L40T_-MDL12	5545	B2U2G2	79.2	5895	B2U3G2	84.2	6115	B2U3G2	87.4	6860	B3U2G2	98.0	70
1L30T_-MDL12	5405	B2U2G2	77.2	5745	B2U3G2	82.1	5960	B2U3G2	85.1	6685	B3U2G2	95.5	70
1L27T_-MDL12	4910	B2U2G2	70.1	5220	B2U3G2	74.6	5415	B2U3G2	77.4	6075	B3U2G2	86.8	70
1L40T_-MDL10	4690	B2U2G2	80.9	4985	B2U2G2	85.9	5170	B1U3G2	89.1	5810	B3U2G1	100.2	58
1L30T_-MDL10	4570	B2U2G2	78.8	4860	B2U2G2	83.8	5040	B1U3G2	86.9	5660	B3U2G1	97.6	58
1L27T_-MDL10	4150	B2U2G2	71.6	4415	B2U2G2	76.1	4575	B1U3G2	78.9	5145	B3U2G1	88.7	58

1760LED - Post Top

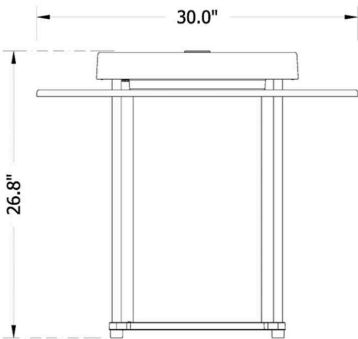
Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L40T_-MDL16	8285	B3U3G3	89.1	8860	B3U3G3	95.3	8995	B2U3G3	96.7	9685	B3U3G2	104.1	93
1L30T_-MDL16	8075	B3U3G3	86.8	8635	B3U3G3	92.8	8765	B2U3G3	94.2	9440	B3U3G2	101.5	93
1L27T_-MDL16	7335	B3U3G3	78.9	7845	B3U3G3	84.4	7965	B2U3G3	85.6	8575	B3U3G2	92.2	93
1L40T_-MDL14	7280	B2U3G2	89.9	7770	B3U3G3	95.9	7905	B2U3G3	97.6	8510	B3U2G2	105.1	81
1L30T_-MDL14	7095	B2U3G2	87.6	7570	B3U3G3	93.5	7705	B2U3G3	95.1	8295	B3U2G2	102.4	81
1L27T_-MDL14	6445	B2U3G2	79.6	6880	B3U3G3	84.9	7000	B2U3G3	86.4	7535	B3U2G2	93.0	81
1L40T_-MDL12	6435	B2U2G2	91.9	6940	B2U3G2	99.1	7005	B2U3G2	100.1	7475	B3U2G1	106.8	70
1L30T_-MDL12	6270	B2U2G2	89.6	6765	B2U3G2	96.6	6825	B2U3G2	97.5	7285	B3U2G1	104.1	70
1L27T_-MDL12	5695	B2U2G2	81.4	6145	B2U3G2	87.8	6200	B2U3G2	88.6	6620	B3U2G1	94.6	70
1L40T_-MDL10	5440	B2U2G2	93.8	5870	B2U3G2	101.2	5930	B1U3G2	102.2	6315	B3U2G1	108.9	58
1L30T_-MDL10	5300	B2U2G2	91.4	5720	B2U3G2	98.6	5780	B1U3G2	99.7	6155	B3U2G1	106.1	58
1L27T_-MDL10	4815	B2U2G2	83.0	5195	B2U3G2	89.6	5250	B1U3G2	90.5	5590	B3U2G1	96.4	58

1760LEDH - Hanging

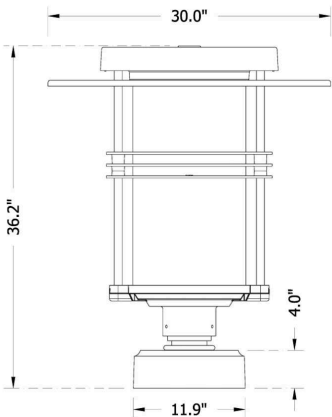
Dimensions



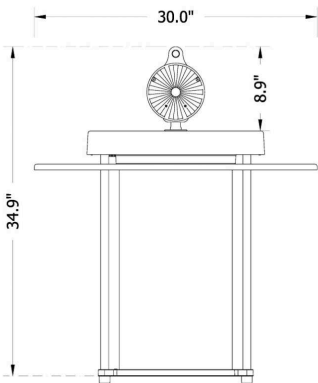
Post Top (1760LED)



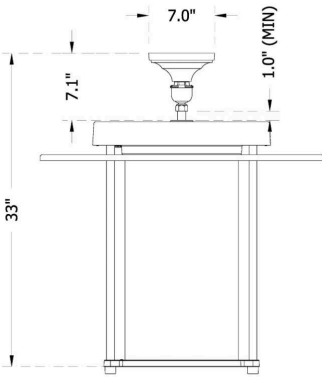
Hanging (1760LEDH)



Pier Base (550PB)



Catenary Mount (CAT)



Stem Hung (SH44)

Hangstraight

Horizontal Hang-straight's slip fit 4" long by 2-3/8" OD horizontal tenon



Standard Horizontal Hangstraight,
Spike Finial **(HSHS)**



Standard Horizontal Hangstraight, Ball
Finial **(HSHB)**



Standard Horizontal Hangstraight, No
Finial **(HSHN)**



"EZ" Vertical hangstraight **(EZ)**

Options



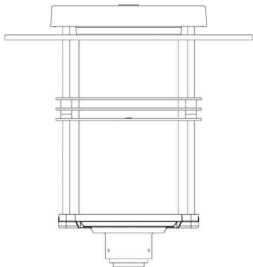
Double Fuse Holder & (2) 3A Fuses
(FHD)



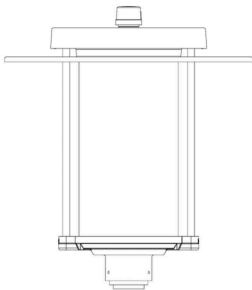
Catenary Mount with Button Photocell
(CAT/PEC)



Internal Moderate Diffused Soft Vue
Cup **(SV2C)**



Decorative Rings **(DR)**



7-Pin Control Receptacle with
Photocell
(R7-PE/PE4)