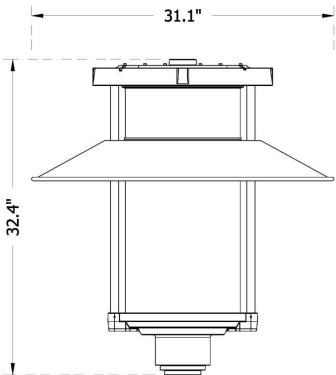


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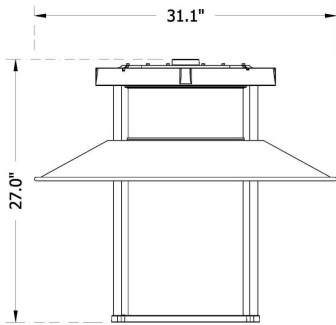
Qty

Type

Catalog / Part Number



1730LED

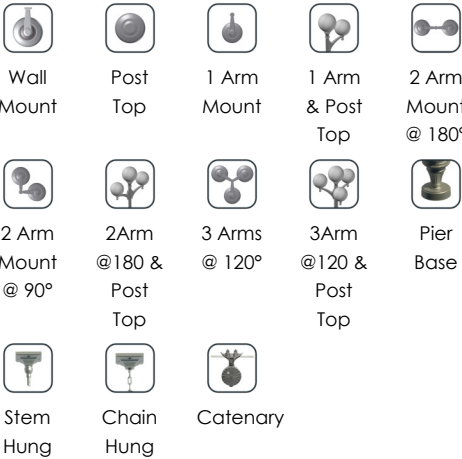


1730LEDH

Certifications



Mounting Configuration



Finish



Description

The 1730LED Villa luminaire is a large scale contemporary fixture featuring a tall, cylindrical body made up of a cast aluminum top and round lens. The standard unit includes a single 31" shade, An optional decorative angled shade, or three ring stack can be added above the main shade. A Glow Top option is also available.

EPA: 1.25(1ft²) | 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°
- 3APT: 3Arm @120 & Post Top
- 450PB: Pier Base
- SH44: Stem Hung
- CH44: Chain Hung
- CAT: Catenary

Fixture

1730LED: Post Top, Large Villa
1730LEDH: Hanging, Large Villa

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

Lens

- CA: Clear Acrylic
- WA: White Acrylic
- SV1F: Light diffused internal flat lens
- SV2F: Moderate diffused internal flat lens

CCT - Color Temp (K)



Distribution Type



Optional Decorative Rings	AS: Angled spinning decorative ring FR: Three flat cast decorative rings
Optional Glow Top	GT: Glow Top option
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
Optional Fuse	FHD: Double Fuse and Holder
Optional Hangstraight	HS: Standard Horizontal Hangstraight, Spike Finial HSN: Standard Horizontal Hangstraight, No Finial HSB: Standard Horizontal Hangstraight, Ball Finial EZ: Vertical Hangstraight, Large, "EZ" Mount
Optional House Side Shield	HSS: 120° House Side Shield
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
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	4A1R: 82 LEDs	
	4ARC: 56 LEDs	
	1RND: 26 LEDs	
CCT - Color Temp (K)	27: 2,700K	30: 3,000K
	35: 3,500K	40: 4,000K
	45: 4,500K	
Distribution Type	T2: Type 2	T3: Type 3
	T3R: Type 3R	T4: Type 4
	T5: Type 5	
Driver	MDL03: 120V-277V, 350mA	MDH03: 347V-480V, 350mA
	MDL05: 120V-277V, 525mA	MDH05: 347V-480V, 525mA

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	Fitter ⁽¹⁾ ⁽⁶⁾	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 2A 2 Arm Mount @ 180° 2A90 2 Arm Mount @ 90° 2APT 2Arm @180 & Post Top 3A 3 Arms @ 120° 3APT 3Arm @120 & Post Top 450PB Pier Base ⁽¹⁾ ⁽²⁾ SH44 Stem Hung ⁽³⁾ CH44 Chain Hung ⁽³⁾ CAT Catenary ⁽³⁾		1730LED Post Top, Large Villa 1730LEDH Hanging, Large Villa	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	4A1R 82 LEDs 4ARC 56 LEDs 1RND 26 LEDs	27 2,700K 30 3,000K 35 3,500K 40 4,000K 45 4,500K	T2 Type 2 T3 Type 3 T3R Type 3R T4 Type 4 T5 Type 5	MDL03 120V-277V, 350mA MDH03 347V-480V, 350mA MDL05 120V-277V, 525mA ⁽⁷⁾ MDH05 347V-480V, 525mA ⁽⁷⁾	CA Clear Acrylic WA White Acrylic SV1F Light diffused internal flat lens SV2F Moderate diffused internal flat lens

- 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 or Chain Mounting Configuration.

5. Minimum 34" Overall Drop Length.

6. Specify fitter for 1730LED only.

7. 4A1R system only.

How to Order

Optional Decorative Rings	Optional Glow Top	Optional Control Receptacle ⁽⁸⁾	Optional Control	Optional Fuse ⁽¹¹⁾	Optional Hangstraight ⁽³⁾	Optional House Side Shield ⁽¹²⁾	Optional Fixed Dimming Resistor Board ⁽¹³⁾	Finish
AS Angled spinning decorative ring FR Three flat cast decorative rings	GT Glow Top option	R7 7-Pin control receptacle only ⁽⁹⁾	PE Twist-Lock Photocontrol (120V-277V) ⁽¹⁰⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽¹⁰⁾ SC Shorting Cap ⁽¹⁰⁾	FHD Double Fuse and Holder	HS Standard Horizontal Hangstraight, Spike Finial HSN Standard Horizontal Hangstraight, No Finial HSB Standard Horizontal Hangstraight, Ball Finial EZ Vertical Hangstraight, Large, "EZ" Mount	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	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 FDRB.

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

10. Requires control receptacle.
11. Ships loose for installation in base.

12. Not for use with TS optic.

13. Not for use with R7.

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 a 3"OD (R3) , 4"OD (R4) or 5"OD (R5) x 3" tall 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.
Internal Lens	An optional internal diffusing lens can be added to a clear external lens for additional visual comfort. Optional (SV1F) light diffused acrylic flat horizontal lens. Optional (SV2F) moderate diffused acrylic flat horizontal lens.
Glow Top	Optional glow top roof available. This option adds additional LED's into the upper housing and an additional driver which adds 10w to the power use in the overall system.
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 operating in an ambient temperature of up to 40°C (105°F)
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.

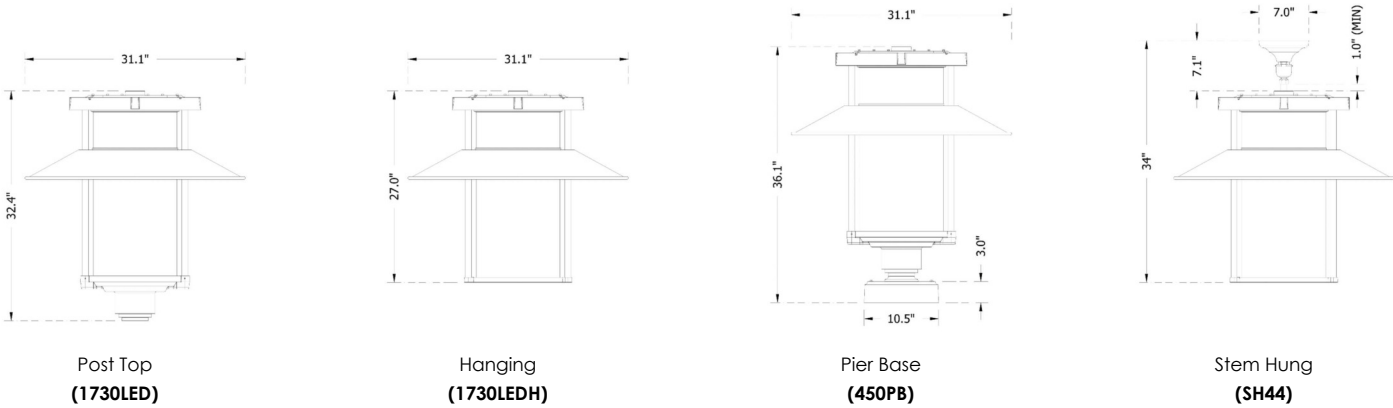
LEDs	The LEDs in this system will be fully shielded in a direct downward position to maximize efficiency. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. 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. The high-brightness, high-output white LEDs shall be 4500K nominal (2700K, 3000K, 3500K or 4000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. CCT Lumen Derate Values from 4,500K (70+ CRI) 2,700K (70+ CRI)=.78 3,000K (70+ CRI)=.83 3,500K (70+ CRI)=.89 4,000K (70+ CRI)=.95 Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).
Optics	The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 3R, 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.
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	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 CA lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3R DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
4A1R-45-T_MDL05	11050	B3U2G3	75.2	11605	B3U2G3	78.9	11685	B3U2G3	79.5	12030	B3U2G3	81.8	12095	B4U2G2	81.7	147
4A1R-35-T_MDL05	9845	B3U2G3	67.0	10340	B3U2G3	70.3	10410	B3U2G3	70.8	10720	B3U2G3	72.9	10695	B4U2G2	72.8	147
4A1R-27-T_MDL05	8640	B3U2G3	58.8	9075	B3U2G3	61.7	9140	B3U2G3	62.2	9410	B3U2G3	64.0	9390	B4U2G2	63.9	147
4A1R-45-T_MDL03	8100	B3U1G3	79.4	8430	B3U1G3	82.6	8600	B3U1G3	84.3	8745	B3U1G3	85.7	8785	B3U1G2	86.1	102
4A1R-35-T_MDL03	7215	B3U1G3	70.7	7510	B3U1G3	73.6	7665	B3U1G3	75.1	7790	B3U1G3	76.4	7830	B3U1G2	76.8	102
4A1R-27-T_MDL03	6335	B3U1G3	62.1	6595	B3U1G3	64.7	6725	B3U1G3	65.9	6840	B3U1G3	67.1	6870	B3U1G2	67.4	102
4ARC-45-T_MDL03	5805	B2U1G2	88.0	6005	B3U1G3	91.0	5900	B2U1G2	89.4	6160	B2U1G2	93.3	6125	B3U1G1	92.8	66
4ARC-35-T_MDL03	5170	B2U1G2	78.3	5350	B3U1G3	81.1	5255	B2U1G2	79.6	5490	B2U1G2	83.2	5460	B3U1G1	82.7	66
4ARC-27-T_MDL03	4540	B2U1G2	68.8	4695	B3U1G3	71.1	4615	B2U1G2	69.9	4815	B2U1G2	73.0	4790	B3U1G1	72.6	66
1RND-45-T_MDL03	2480	B1U1G1	77.5	2580	B2U1G2	80.6	2860	B1U1G1	89.4	2720	B1U1G1	85.0	2815	B2U1G1	88.0	32
1RND-35-T_MDL03	2210	B1U1G1	69.1	2300	B2U1G2	71.9	2550	B1U1G1	79.7	2425	B1U1G1	75.8	2510	B2U1G1	78.4	32
1RND-27-T_MDL03	1940	B1U1G1	60.6	2020	B2U1G2	63.1	2235	B1U1G1	69.8	2125	B1U1G1	66.4	2200	B2U1G1	68.8	32

Dimensions



Options



Fixed Dimming Resistor Board
(FDRB)



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

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)

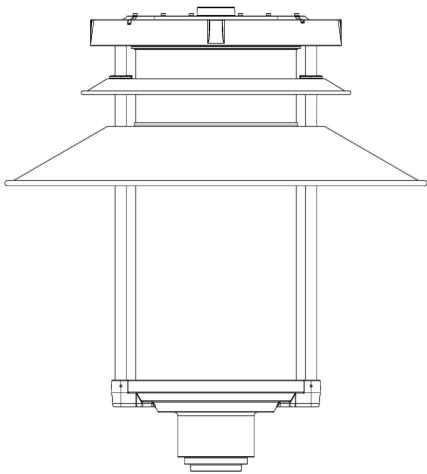


Standard Horizontal Hangstraight, No
Finial (HSHN)

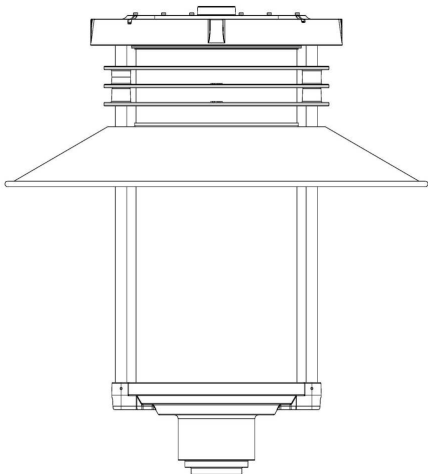


"EZ" Vertical hangstraight (EZ)

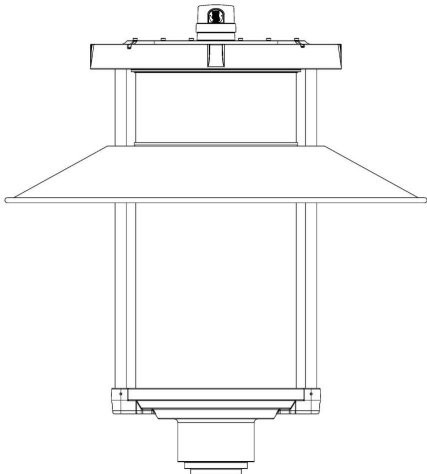
Option Locations



Angled Spinning Decorative Ring **(AS)**



Three Flat Cast Decorative Rings **(FR)**



7-Pin NEMA Twist-Lock Receptacle **(R7)**