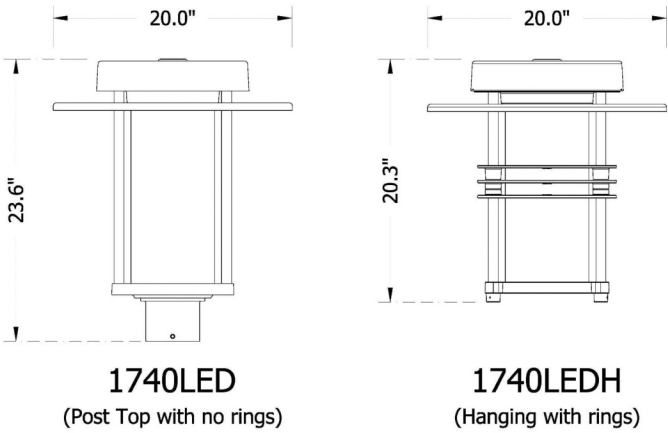


Project Name

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°

2 Arm @ 180° & Post Top

3 Arms @ 120°



3 Arms @ 90°

3 Arm @ 120° & Post Top

4 Arms @ 90°

4 Arm @ 90° & Post Top



1 Arm MidMount

2 Arm MidMount @ 180°

Pier Base

Stem Hung



Catenary

Description

The 1740LED Chateau™ series luminaire is a small 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: .75 (#2) | WEIGHT: 28 LBS

Features

Mounting Configuration

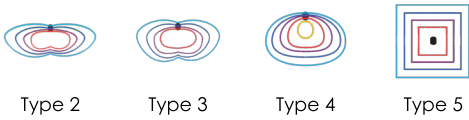
- 1W: Wall Mount
- PT: Post Top
- 1A: 1 Arm Mount
- 1APT: 1 Arm & Post Top
- 2A: 2 Arm Mount @ 180°
- 2A90: 2 Arm Mount @ 90°
- 2APT: 2Arm @180 & Post Top
- 3A: 3 Arms @ 120°
- 3A90: 3 Arms @ 90°
- 3APT: 3Arm @120 & Post Top
- 4A: 4 Arms @ 90°
- 4APT: 4Arm @90 & Post Top
- 1AM: 1 Arm MidMount
- 2AM: 2Arm MidMount @180
- 450PB: Pier Base
- SH44: Stem Hung
- CAT: Catenary

Fixture	1740LED: Post Top 1740LEDH: 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

Finish



Distribution Type



CCT - Color Temp (K)



Lens	CA: Clear Acrylic	
	WA: White Acrylic	
	SV1D: Clear Acrylic exterior lens, Light diffused internal dome	
	SV2D: Clear Acrylic exterior lens, Moderate diffused internal dome	
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	HS HS: Standard Horizontal Hangstraight, Spike Finial	
	HS HN: Standard Horizontal Hangstraight, No Finial	
	HS HB: Standard Horizontal Hangstraight, Ball Finial	
	EZ: Vertical Hangstraight, Large, "EZ" Mount	
Optional House Side Shield	HSS: 120° House Side Shield	
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	
	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	MDL04: 120V-277V, 400mA	
	MDH04: 347V-480V, 400mA	
	MDL06: 120V-277V, 600mA	
	MDH06: 347V-480V, 600mA	
	MDL08: 120V-277V, 800mA	
	MDH08: 347V-480V, 800mA	

Important

Virtual Patent Marking Notice

This website (<https://www.impj.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 450PB Pier Base (1) (2) SH44 Stem Hung (3) CAT Catenary (3)		1740LED Post Top 1740LEDH Hanging	DR Decorative Rings RL Ring-less	R3 To slip fit 3" OD x 3" tall tenon R4 To slip fit 4" 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	MDL04 120V-277V, 400mA MDH04 347V-480V, 400mA MDL06 120V-277V, 600mA MDH06 347V-480V, 600mA MDL08 120V-277V, 800mA MDH08 347V-480V, 800mA	CA Clear Acrylic WA White Acrylic SV1D Clear Acrylic exterior lens, Light diffused internal dome SV2D Clear Acrylic exterior lens, Moderate diffused internal dome

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 28" Overall Drop Length.

How to Order

Optional Control Receptacle ⁽⁶⁾	Optional Control	Optional Fuse ⁽⁹⁾	Optional Hangstraight ⁽³⁾	Optional House Side Shield ⁽¹⁰⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁷⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁷⁾ SC Shorting Cap ⁽⁷⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽⁸⁾ PEC4 Electronic Button Photocontrol (480V) ⁽⁸⁾	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	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

Notes:

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

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

7. Requires control receptacle.
8. Only for use with CAT mounting configuration

9. Ships loose for installation in base.

10. Not for use with T5 optic.

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) or 4"OD x3" tall (R4) 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 internal diffusing dome lens can be added for visual comfort. Suggested for use with a clear lens, but can be used in addition to any other external lens. Optional (SV1D) light diffused acrylic dome lens. Optional (SV2D) moderate diffused acrylic dome 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)
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.
IP Rating	IP66 rated luminaire 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.
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.
Lens	Optional glare reducing SoftVue™ lens provides optimal visual comfort.

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

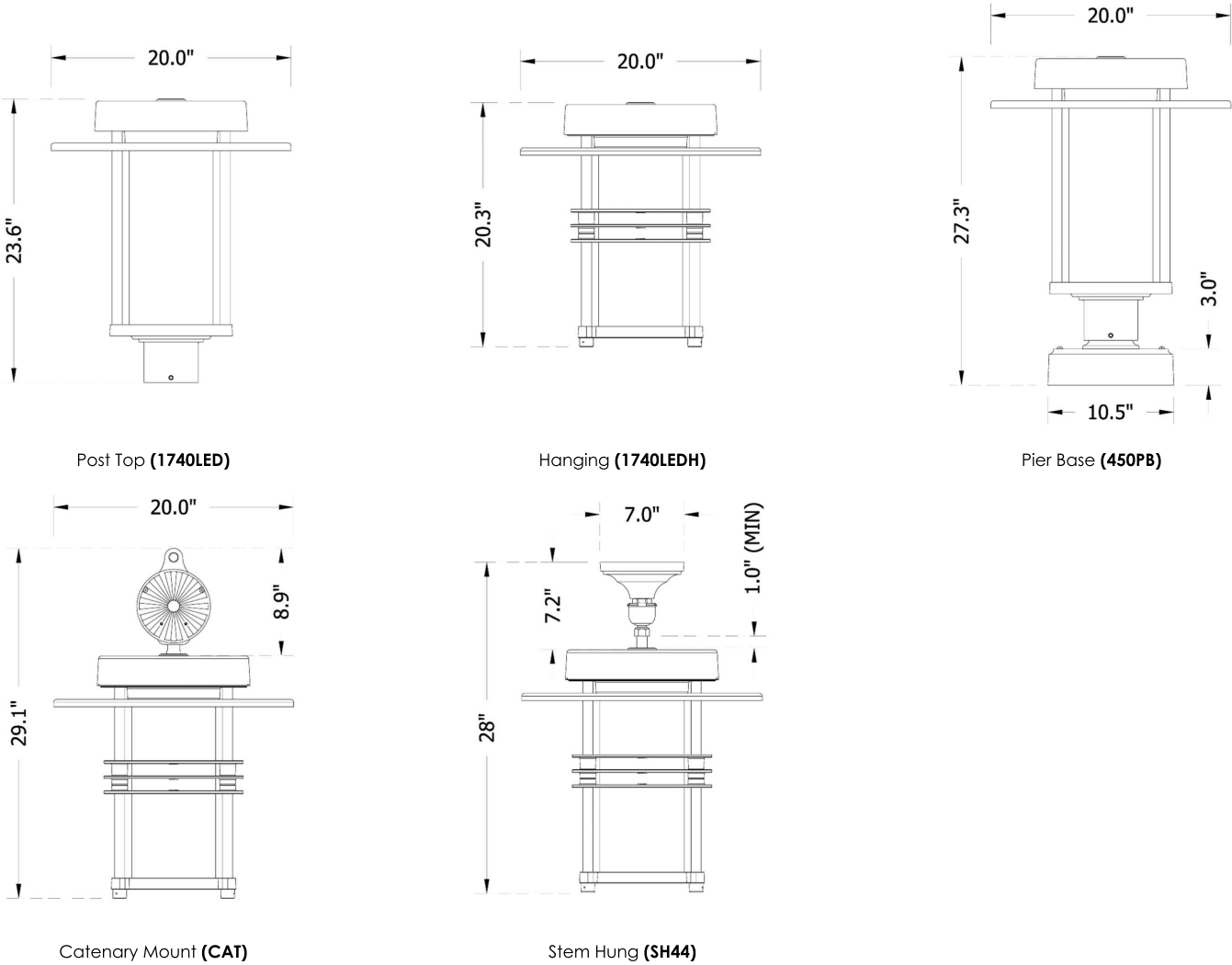
Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L-40-T ₂ -MDL08	5395	B1U1G1	112.4	5395	B1U1G1	112.4	5410	B1U1G1	112.7	5980	B3U1G1	124.6	48
1L-30-T ₂ -MDL08	5260	B1U1G1	109.6	5260	B1U1G1	109.6	5270	B1U1G1	109.8	5830	B3U1G1	121.5	48
1L-27-T ₂ -MDL08	4775	B1U1G1	99.5	4775	B1U1G1	99.5	4790	B1U1G1	99.8	5295	B3U1G1	110.3	48
1L-40-T ₃ -MDL06	4155	B1U1G1	112.3	4155	B1U1G1	112.3	4145	B1U1G1	112.0	4585	B2U1G1	123.9	37
1L-30-T ₃ -MDL06	4050	B1U1G1	109.5	4050	B1U1G1	109.5	4040	B1U1G1	109.2	4470	B2U1G1	120.8	37
1L-27-T ₃ -MDL06	3680	B1U1G1	99.5	3680	B1U1G1	99.5	3670	B1U1G1	99.2	4060	B2U1G1	109.7	37
1L-40-T ₄ -MDL04	2850	B1U1G1	109.6	2850	B1U1G1	109.6	2850	B1U1G1	109.6	3125	B2U1G1	120.2	26
1L-30-T ₄ -MDL04	2775	B1U1G1	106.7	2775	B1U1G1	106.7	2775	B1U1G1	106.7	3045	B2U1G1	117.1	26
1L-27-T ₄ -MDL04	2525	B1U1G1	97.1	2525	B1U1G1	97.1	2525	B1U1G1	97.1	2765	B2U1G1	106.3	26

1740LED - 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
1L-40-T ₂ -MDL08	5920	B2U1G1	123.3	5920	B2U1G1	123.3	6010	B2U1G1	125.2	6300	B3U1G1	131.3	48
1L-30-T ₂ -MDL08	5770	B2U1G1	120.2	5770	B2U1G1	120.2	5855	B2U1G1	122.0	6140	B3U1G1	127.9	48
1L-27-T ₂ -MDL08	5240	B2U1G1	109.2	5240	B2U1G1	109.2	5320	B2U1G1	110.8	5580	B3U1G1	116.3	48
1L-40-T ₃ -MDL06	4535	B1U1G1	122.6	4535	B1U1G1	122.6	4625	B1U1G1	125.0	4830	B2U1G1	130.5	37
1L-30-T ₃ -MDL06	4420	B1U1G1	119.5	4420	B1U1G1	119.5	4505	B1U1G1	121.8	4705	B2U1G1	127.2	37
1L-27-T ₃ -MDL06	4015	B1U1G1	108.5	4015	B1U1G1	108.5	4095	B1U1G1	110.7	4275	B2U1G1	115.5	37
1L-40-T ₄ -MDL04	3100	B1U1G1	119.2	3100	B1U1G1	119.2	3170	B1U1G1	121.9	3305	B2U1G1	127.1	26
1L-30-T ₄ -MDL04	3020	B1U1G1	116.2	3020	B1U1G1	116.2	3090	B1U1G1	118.8	3220	B2U1G1	123.8	26
1L-27-T ₄ -MDL04	2745	B1U1G1	105.6	2745	B1U1G1	105.6	2805	B1U1G1	107.9	2925	B2U1G1	112.5	26

1740LEDH - Hanging

Dimensions



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



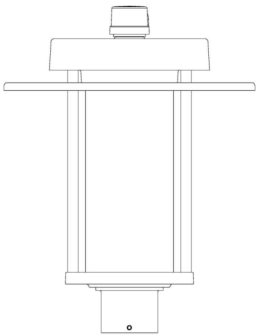
Double Fuse Holder & (2) 3A Fuses
(**FHD**)



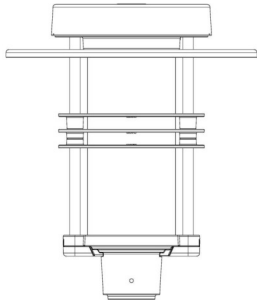
Catenary Mount with Button Photocell
(**CAT/PEC**)



Internal Diffused Soft Vue Dome
(**SV1D/SV2D**)



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



Decorative Rings (**DR**)