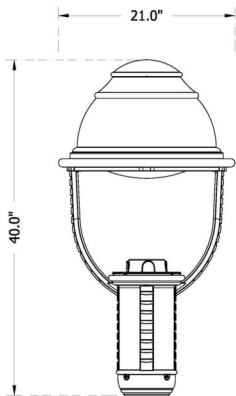


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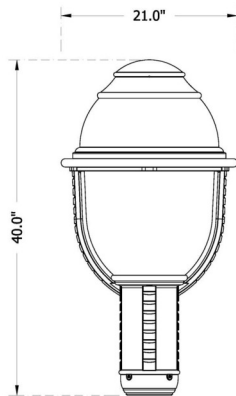
Qty

Type

Catalog / Part Number



1521LEDPT-SA



1521LEDPT-FL

Certifications



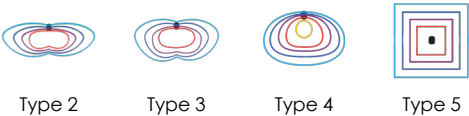
Finish



CCT - Color Temp (K)



Distribution Type



Description

The 1521LEDPT Omega™ is a decorative post-top luminaire with a cast aluminum fitter and yoke that transition to a heavy gauge spun aluminum upper housing. The luminaire has a gasketed hinged door for tool-less driver and LED access. Offered in a variety of wattages, CCT's and distribution types makes this product the premier option for any Urban, Roadway or Site & Area application.

EPA: 1.75 (ft²) | WEIGHT: 40 LBS

Features

Mounting Configuration	PT: Post Top
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 House Side Shield	HSS: 120° House Side Shield
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board

Physical

Fixture	1521LEDPT: Omega, Post Top
Fitter	3: Slip fit 3" OD x 3" tall tenon/pole 4: To slip fit 4" OD x 3" tall tenon 5: To slip fit 5" OD x 3" tall tenon

Lens	SA: Sag Acrylic SV1SA: SoftVue™ Light Diffused Sag Acrylic SV2SA: SoftVue™ Moderate Diffused Sag Acrylic SV4SA: SoftVue™ Maximum Diffused Sag Acrylic FL: Full Body Lens, Clear Acrylic
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

Electrical and control

Driver	MDL04: 120V-277V, 400mA MDH04: 347V-480V, 400mA MDL06: 120V-277V, 600mA MDH06: 347V-480V, 600mA MDL09: 120V-277V, 900mA MDH09: 347V-480V, 900mA MDL12: 120V-277V, 1200mA MDH12: 347V-480V, 1200mA
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How to Order

Mounting Configuration	Fixture	Filter	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Control Receptacle ^{(1) (2)}	Optional Control	Optional Fuse ⁽⁵⁾	Optional House Side Shield ⁽⁶⁾	Optional Fixed Dimming Resistor Board ⁽⁴⁾	Finish
PT Post Top	1521LEDPT Omega, Post Top	3 Slip fit 3" OD x 3" tall tenon/pole	1L 1 LED	27 2,700K	T2 Type 2	MDL04 120V-277V, 400mA	SA Sag Acrylic	R7 7-Pin control receptacle only	PE Twist-Lock Photocontro (120V-277V) ⁽³⁾	FHD Double Fuse and Holder	HSS 120° House Side Shield	FDRB Fixed Dimming Resistor Board	UGMT Urban Gun Metal Textured
		4 To slip fit 4" OD x 3" tall tenon		30 3,000K	T3 Type 3	MDH04 347V-480V, 400mA	SV1SA SoftVue™ Light Diffused Sag Acrylic		PE4 Twist-Lock Photocontro (347V-480V) ⁽³⁾				UGM Urban Gun Metal Matte
		5 To slip fit 5" OD x 3" tall tenon		35 3,500K	T4 Type 4	MDL06 120V-277V, 600mA	SV2SA SoftVue™ Moderate Diffused Sag Acrylic		SC Shorting Cap ⁽³⁾				UBT Urban Bronze Textured
				40 4,000K	T5 Type 5	MDH06 347V-480V, 600mA	SV4SA SoftVue™ Maximum Diffused Sag Acrylic		PEC Electronic Button Photocontro (120V-277V) ⁽⁴⁾				UB Urban Bronze Matte
				50 5,000K		MDH09 347V-480V, 900mA	FL Full Body Lens, Clear Acrylic		PEC4 Electronic Button Photocontro (480V) ⁽⁴⁾				USLT Urban Silver Textured
						MDL12 120V-277V, 1200mA							USL Urban Silver Matte
						MDH12 347V-480V, 1200mA							UWHT Urban White Textured
													UWH Urban White Matte
													BKT Black Textured
													CM Custom Match ⁽⁷⁾

Notes:

1. Not for use with FDRB.

2. Receptacle externally mounted on roof.

3. Requires control receptacle.

4. Not for use with R7.

5. Ships loose for installation in base.

6. Not for use with T5 optic.

7. Custom colors require upcharge.

Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Fitter	The fitter is heavy wall permanent mold and is constructed of low-copper aluminum 356 alloy for enhanced corrosion resistance and 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 (3) , 4"OD (4) or 5"OD (5) x 3" tall tenons/poles.
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. Offered as a closed body FULL lens or an open body with a SAG lens. The closed body uses a .125" thick impact modified clear acrylic full body formed lens (FL) The open body uses .125" thick acrylic lens. Offered with Clear Sag Acrylic (SA), Sag Soft Vue Medium Diffused Acrylic (SV1SA), Sag Soft Vue Heavy Diffused Acrylic (SV2SA) or Sag Soft Vue Maximum Diffused Acrylic (SV4SA).
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	IP65 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.
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

House Side Shield (HSS): An optional 120° House Side Shield helps control backlight. Spun aluminum panel painted to match fixture. The shield is **INTERNAL** when used with a Teardrop lens. The shield is **EXTERNAL** when used with a Sag lens.

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)

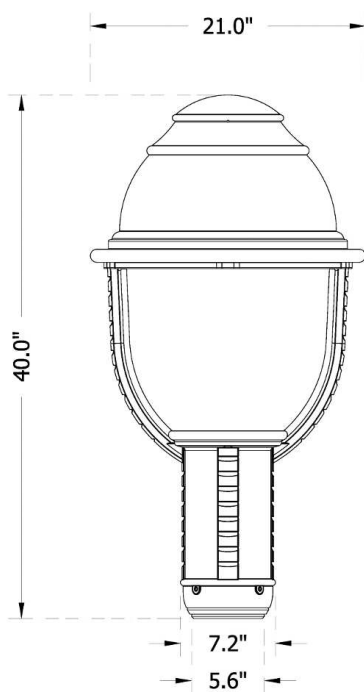
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1L40T_-MDL12	7725	B2U1G2	110.4	7875	B2U1G2	112.5	8150	B2U1G1	116.4	8915	B3U1G2	127.4	70
1L30T_-MDL12	7530	B2U1G2	107.6	7675	B2U1G2	109.6	7940	B2U1G1	113.4	8690	B3U1G2	124.1	70
1L27T_-MDL12	6840	B2U1G2	97.7	6970	B2U1G2	99.6	7215	B2U1G1	103.1	7895	B3U1G2	112.8	70
1L40T_-MDL09	6015	B2U1G2	115.7	6155	B2U1G1	118.4	6365	B1U1G1	122.4	6915	B3U1G1	133.0	52
1L30T_-MDL09	5860	B2U1G2	112.7	6000	B2U1G1	115.4	6205	B1U1G1	119.3	6740	B3U1G1	129.6	52
1L27T_-MDL09	5325	B2U1G2	102.4	5450	B2U1G1	104.8	5635	B1U1G1	108.4	6120	B3U1G1	117.7	52
1L40T_-MDL06	4085	B1U1G1	116.7	4175	B1U1G1	119.3	4345	B1U1G1	124.1	4695	B2U1G1	134.1	35
1L30T_-MDL06	3980	B1U1G1	113.7	4070	B1U1G1	116.3	4235	B1U1G1	121.0	4575	B2U1G1	130.7	35
1L27T_-MDL06	3615	B1U1G1	103.3	3695	B1U1G1	105.6	3845	B1U1G1	109.9	4155	B2U1G1	118.7	35
1L40T_-MDL04	2940	B1U1G1	117.6	3015	B1U1G1	120.6	3145	B1U1G1	125.8	3385	B2U1G1	135.4	25
1L30T_-MDL04	2865	B1U1G1	114.6	2940	B1U1G1	117.6	3065	B1U1G1	122.6	3300	B2U1G1	132.0	25
1L27T_-MDL04	2605	B1U1G1	104.2	2670	B1U1G1	106.8	2785	B1U1G1	111.4	2995	B2U1G1	119.8	25

Sag Acrylic, Open Body

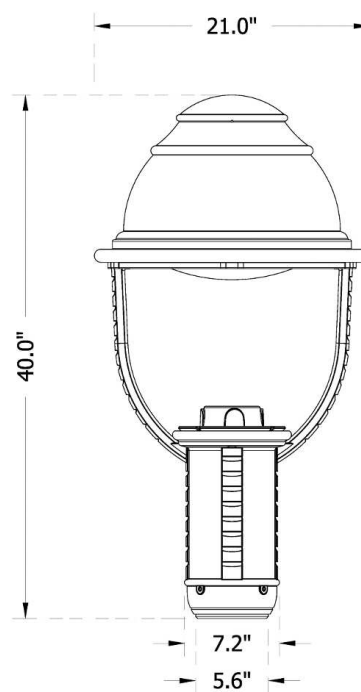
Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L40T_-MDL12	7575	B2U2G2	108.2	7790	B2U2G2	111.3	8025	B2U2G2	114.6	8855	B3U2G2	126.5	70
1L30T_-MDL12	7380	B2U2G2	105.4	7590	B2U2G2	108.4	7820	B2U2G2	111.7	8630	B3U2G2	123.3	70
1L27T_-MDL12	6705	B2U2G2	95.8	6895	B2U2G2	98.5	7105	B2U2G2	101.5	7840	B3U2G2	112.0	70
1L40T_-MDL09	5910	B2U2G2	113.7	6050	B2U2G1	116.3	6295	B1U2G1	121.1	6880	B3U2G1	132.3	52
1L30T_-MDL09	5760	B2U2G2	110.8	5895	B2U2G1	113.4	6135	B1U2G1	118.0	6705	B3U2G1	128.9	52
1L27T_-MDL09	5230	B2U2G2	100.6	5355	B2U2G1	103.0	5575	B1U2G1	107.2	6090	B3U2G1	117.1	52
1L40T_-MDL06	4010	B1U2G1	114.6	4120	B1U2G1	117.7	4285	B1U2G1	122.4	4675	B3U2G1	133.6	35
1L30T_-MDL06	3910	B1U2G1	111.7	4015	B1U2G1	114.7	4175	B1U2G1	119.3	4555	B3U2G1	130.1	35
1L27T_-MDL06	3550	B1U2G1	101.4	3650	B1U2G1	104.3	3795	B1U2G1	108.4	4140	B3U2G1	118.3	35
1L40T_-MDL04	2895	B1U1G1	115.8	2955	B1U1G1	118.2	3090	B1U2G1	123.6	3365	B2U1G1	134.6	25
1L30T_-MDL04	2820	B1U1G1	112.8	2880	B1U1G1	115.2	3010	B1U2G1	120.4	3280	B2U1G1	131.2	25
1L27T_-MDL04	2565	B1U1G1	102.6	2615	B1U1G1	104.6	2735	B1U2G1	109.4	2980	B2U1G1	119.2	25

Full Body Lens, Clear Acrylic

Dimensions



Full Lens, Clear Acrylic Lens
(1521LEDPT-FL)

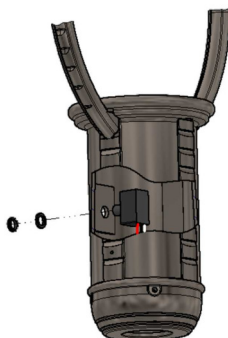


Open Body, Sag Acrylic Lens
(1521LEDPT-SA)

Options



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



Button Photocell
(PEC/PEC4)



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



Fixed Dimming Resistor Board
(FDRB)