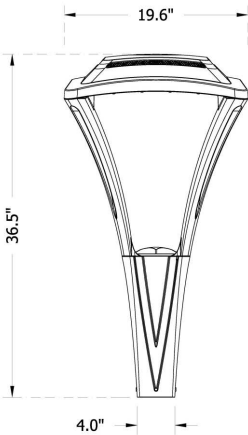


Project Name

Qty

Type

Catalog / Part Number



7 Year Warranty



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


1 Arm Mid-Mount


2 Arm Mid-Mount @ 180°

Description

The Millenia™ ML760 large post top luminaire is a breakthrough in modern area lighting technology utilizing die-cast and permanent mold parts. Its new world urban design transcends traditional lighting convention by seamlessly interweaving form and function to yet another level. Available with a myriad of options, the Millenia™ is perfect for commercial, institutional and municipal markets.

EPA: 1.6 (ft²) | WEIGHT: 50 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: 2 Arm @ 180° & Post Top
- 3A: 3 Arms @ 120°
- 3A90: 3 Arms @ 90°
- 3APT: 3 Arm @ 120° & Post Top
- 4A: 4 Arms @ 90°
- 4APT: 4 Arm @ 90° & Post Top
- 1AM: 1 Arm Mid-Mount
- 2AM: 2 Arm Mid-Mount @180°

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

BLOC: Back Light Optical Control



Finish



Black
Textured



Urban
Gun
Metal
Textured



Urban
Gun
Metal
Matte



Urban
Bronze
Textured



Urban
Bronze
Matte



Urban
Silver
Textured



Urban
Silver
Matte



Urban
White
Textured



Urban
White
Matte



Custom
Match

CCT - Color Temp (K)



2,700K



3,000K



3,500K



4,000K



5,000K

Distribution Type



Type 2



Type 3



Type 4



Type 5

Certifications



Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
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Physical

Fixture	ML760: Large Millenia Post Top
Lens	CA: Clear Acrylic SV1: Flat Soft Vue Light Diffused Acrylic SV2: Flat Soft Vue Moderate Diffused 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	40L: 40 LEDs 32L: 32 LEDs 24L: 24 LEDs
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	MDL018: 120V-277V,180mA MDH018: 347V-480V,180mA MDL016: 120V-277V,160mA MDH016: 347V-480V,160mA MDL014: 120V-277V,140mA MDH014: 347V-480V,140mA
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Notes:

1. Only available with a round profile pole.
2. 24L or 32L system only.
3. 40L system only.
4. Not for use with FDRB.
5. See specifications section for more info on compatibility with wireless controllers
6. Requires control receptacle.
7. Not for use with R7.
8. Ships loose for installation in base.
9. Not for use with T5 optic.
10. Custom colors require upcharge.

Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
Thermal Management	Our convective AAD™ "Advanced Airflow Dynamics" technology maximizes heat sink effectiveness to deliver unsurpassed passive thermal management for long-life LED performance and energy efficiency.
Fitter	The aluminum fitter Includes 4 stainless steel Allen-head set screws for attachment to a pole/tenon, and shall slip fit a 3" OD x 3" tall tenon.
Serviceability	Tool-less access to the driver compartment for ease of installation and maintenance.
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 SoftVue™ lens provides optimal visual comfort.
UL Listing	UL listed per UL1598 and CSA 22.2 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.
NightSky® Friendly	Dark sky compliant optics with a U0 BUG rating for specific configurations.
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 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 (Body Mount): The photocontrol shall be mounted in the main body of the luminaire. This option includes a cast aluminum light shield cover. 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. Cover not for use 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
40L-40-T_-MDL016	17625	B3U0G3	100.7	16415	B3U0G3	93.8	16855	B3U0G3	96.3	17610	B4U0G2	100.6	175
40L-30-T_-MDL016	16270	B3U0G3	93.0	15150	B3U0G3	86.6	15560	B3U0G3	88.9	16255	B4U0G2	92.9	175
40L-27-T_-MDL016	14915	B3U0G3	85.2	13890	B3U0G3	79.4	14260	B3U0G3	81.5	14900	B4U0G2	85.1	175
32L-40-T_-MDL018	15125	B2U0G2	97.6	14140	B3U0G3	91.2	14600	B2U0G2	94.2	15215	B3U0G2	98.2	155
32L-30-T_-MDL018	13960	B2U0G2	90.1	13050	B3U0G3	84.2	13475	B2U0G2	86.9	14045	B3U0G2	90.6	155
32L-27-T_-MDL018	12800	B2U0G2	82.6	11965	B3U0G3	77.2	12355	B2U0G2	79.7	12875	B3U0G2	83.1	155
32L-40-T_-MDL014	12465	B2U0G2	104.7	11635	B2U0G2	97.8	12020	B2U0G2	101.0	12500	B3U0G2	105.0	119
32L-30-T_-MDL014	11505	B2U0G2	96.7	10740	B2U0G2	90.3	11095	B2U0G2	93.2	11540	B3U0G2	97.0	119
32L-27-T_-MDL014	10545	B2U0G2	88.6	9845	B2U0G2	82.7	10170	B2U0G2	85.5	10575	B3U0G2	88.9	119
24L-40-T_-MDL018	11650	B2U0G2	97.9	10830	B2U0G2	91.0	11155	B2U0G2	93.7	11590	B3U0G2	97.4	119
24L-30-T_-MDL018	10755	B2U0G2	90.4	9995	B2U0G2	84.0	10295	B2U0G2	86.5	10700	B3U0G2	89.9	119
24L-27-T_-MDL018	9860	B2U0G2	82.9	9165	B2U0G2	77.0	9440	B2U0G2	79.3	9805	B3U0G2	82.4	119
24L-40-T_-MDL014	9325	B2U0G2	106.0	8670	B2U0G2	98.5	8910	B2U0G2	101.3	9265	B3U0G1	105.3	88
24L-30-T_-MDL014	8610	B2U0G2	97.8	8005	B2U0G2	91.0	8225	B2U0G2	93.5	8550	B3U0G1	97.2	88
24L-27-T_-MDL014	7890	B2U0G2	89.7	7335	B2U0G2	83.4	7540	B2U0G2	85.7	7840	B3U0G1	89.1	88

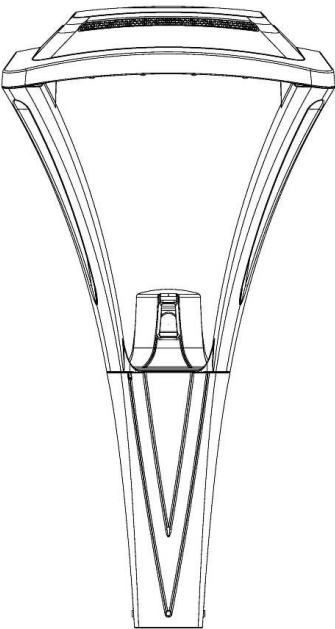
Options

Button Photocell (PEC/PEC4)	Light Shield Cover for Twist-lock Photocell (R7-PE/R7-PE4)	Double Fuse Holder & (2) 3A Fuses (FHD)	Fixed Dimming Resistor Board (FDRB)

Other Features



Perforated vent to support passive cooling with AAD™ system
"Advanced Air-flow Dynamics"



7-Pin NEMA Twist-Lock Receptacle with light shield and
Photocell