

Project Name

Qty

Type

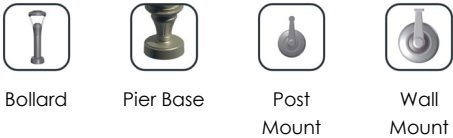
Catalog / Part Number



Certifications



Mounting Configuration



Finish



CCT - Color Temp (K)



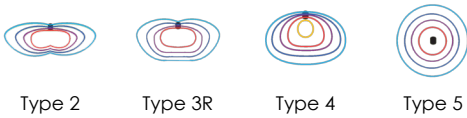
Description

The ML360 is a sleek and seamless fixture that complements the rest of the Millenia™ family with its scaled down aesthetics of the larger luminaires. Provides perfect symmetry when used together on a project site. Available as a pier base, post mount, wall mount, and bollard.

Features

Mounting Configuration	BL: Bollard PB: Pier Base PM: Post Mount (With Integral Arm) WM: Wall Mount (With Integral Arm)
Height (in feet)	3', 4', 5', 6', 7'
Series	ML360: Millenia
Lens	CA: Clear Acrylic SV1: Flat SoftVue™ Light Diffused Acrylic SV2: Flat SoftVue™ Moderate Diffused Acrylic
Optional Photocell	PCD: Electronic Button Photocontrol, mounted on an access door (120V-277V)
Optional Fuse	FHD: Double Fuse and Holder
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board
Finish	BKT: Black Textured 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 CM: Custom Match

Distribution Type



Light Source

LED	32L: 32 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 35: 3,500K 40: 4,000K 45: 4,500K 50: 5,000K
Distribution Type	T2: Type 2 T3R: Type 3R T4: Type 4 T5: Type 5
Driver	MDL03: 120V-277V, 300mA MDL05: 120V-277V, 525mA MDL07: 120V-277V, 700mA

Electrical and control

Optional Ground Fault Breaker	GFI LPIUC: 120V, 15 Amp Duplex GFCI receptacles with a low-profile in-use cover USB LPIUC: 120V, 15 Amp Duplex USB/ Receptacle combo with a low-profile in-use cover (NON-GFCI)
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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	Height (in feet) ⁽²⁾	Series	LED	CCT - Color Temp (K)	Distribution Type	Driver ⁽³⁾	Lens	Optional Photocell ⁽²⁾	Optional Ground Fault Breaker ⁽²⁾	Optional Fuse	Optional Fixed Dimming Resistor Board	Finish
BL Bollard	03FT 3'	ML360 Millenia	32L 32 LEDs	27 2,700K	T2 Type 2	MDL03 120V-277V, 300mA	CA Clear Acrylic	PCD Photocontrol on door (120V-277V)	GFI LPIUC Duplex GFCI , low-profile in-use cover ⁽⁷⁾	FHD Double Fuse and Holder	FDRB Fixed Dimming Resistor Board	BKT Black Textured
PB Pier Base ⁽¹⁾	04FT 4'			30 3,000K	T3R Type 3R	MDL05 120V-277V, 525mA ⁽⁴⁾	SV1 SoftVue™ Light Diffused ⁽⁵⁾		UGMT Urban Gun Metal Textured			
PM Post Mount ⁽¹⁾	05FT 5'			35 3,500K	T4 Type 4	USB LPIUC Duplex Combo Receptacle, low-profile in-use cover						
WM Wall Mount ⁽¹⁾	06FT 6'			40 4,000K	T5 Type 5							MDL07 120V-277V, 700mA ⁽⁴⁾
	07FT 7'			45 4,500K		50 5,000K						
												UBT Urban Bronze Textured
												UB Urban Bronze Matte
												USLT Urban Silver Textured
												USL Urban Silver Matte
												UWHT Urban White Textured
												UWH Urban White Matte
												CM Custom Match ⁽⁸⁾

Notes:

1. Do not call out "height".

2. For BL (Bollard) mount only.

3. For 347-480V consult factory.

4. Not available in "WM" or "PM" mounting.

5. Provides moderate reduction in brightness while only a minimal reduction in lumen output. Consult photometric files for exact lumen performance as percentages noted are averages.
6. Provides maximum reduction in brightness while only a nominal reduction in lumen output. Consult photometric files for exact lumen performance as percentages noted are averages.

7. Only available in "BL" configuration.

8. Custom colors require upcharge.

Specifications

Installation	Four 3/8" diameter by 12" long, hot-dipped galvanized "L" type anchor bolts shall be provided in a 2.63" bolt circle in a diamond pattern for anchorage. It will include tamper resistant stainless steel hardware. Bollard will be provided with a grounding stud on the base. During installation, a 45° turn locks the body to the cast base and 2 set screws keeps that connection secure. CONCRETE FOOTING DESIGN BY OTHERS
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.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating for specific configurations.
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.
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, 4000K or 5000K 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 5,000K (70+ CRI)=1.00 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.

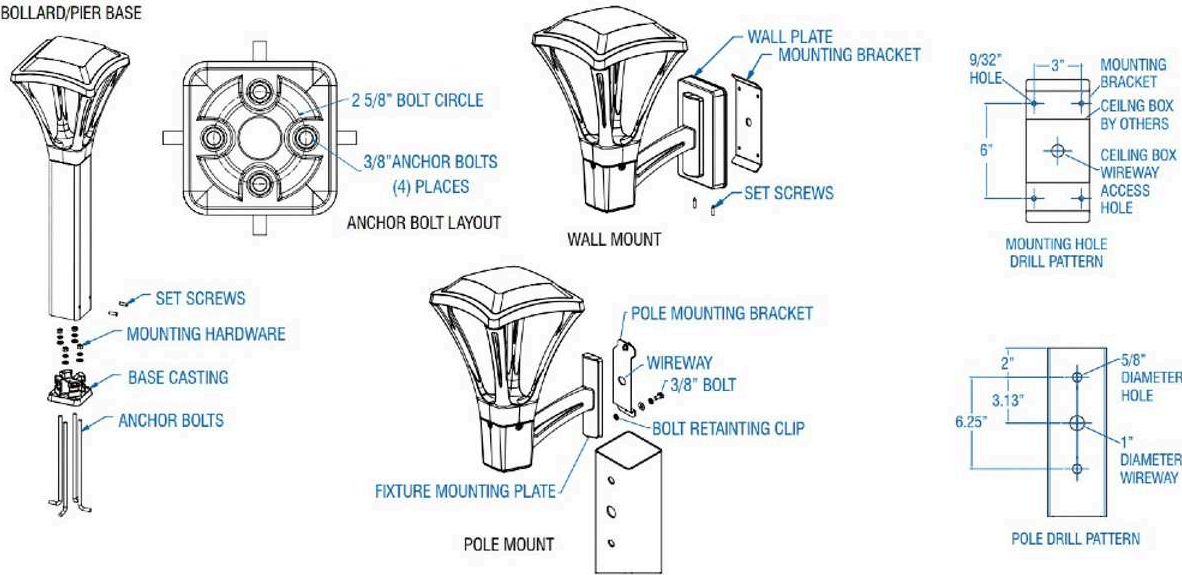
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.
Photocontrols	Button Photocell (On Plate): Optional photocontrol shall be mounted on a plate and installed on the pole shaft. 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.

Lumen Chart(s)

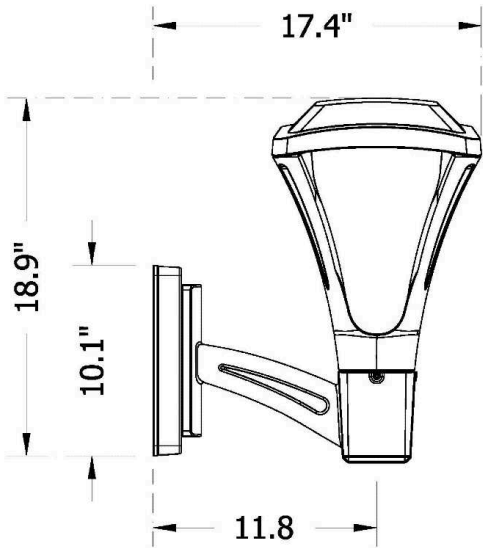
Tested with CA lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3R DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
32L45T_-MDL07	4415	B2U0G2	55.9	4880	B1U0G1	61.8	4330	B1U0G1	54.8	4345	B2U0G1	55.0	79
32L35T_-MDL07	4145	B2U0G2	52.5	4585	B1U0G1	58.0	4065	B1U0G1	51.5	4080	B2U0G1	51.6	79
32L27T_-MDL07	3640	B2U0G2	46.1	4025	B1U0G1	50.9	3570	B1U0G1	45.2	3580	B2U0G1	45.3	79
32L45T_-MDL05	3630	B1U0G1	61.5	3900	B1U0G1	66.1	3550	B1U0G1	60.2	3565	B2U0G1	60.4	59
32L35T_-MDL05	3410	B1U0G1	57.8	3665	B1U0G1	62.1	3335	B1U0G1	56.5	3350	B2U0G1	56.8	59
32L27T_-MDL05	2990	B1U0G1	50.7	3215	B1U0G1	54.5	2925	B1U0G1	49.6	2940	B2U0G1	49.8	59
32L45T_-MDL03	2660	B1U0G1	70.0	2765	B1U0G1	72.8	2605	B1U0G1	68.6	2560	B2U0G1	67.4	38
32L35T_-MDL03	2500	B1U0G1	65.8	2595	B1U0G1	68.3	2445	B1U0G1	64.3	2405	B2U0G1	63.3	38
32L27T_-MDL03	2195	B1U0G1	57.8	2280	B1U0G1	60.0	2145	B1U0G1	56.4	2110	B2U0G1	55.5	38

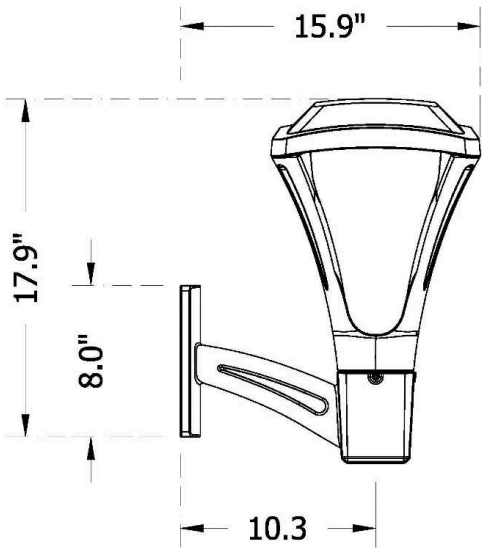
Mounting Details



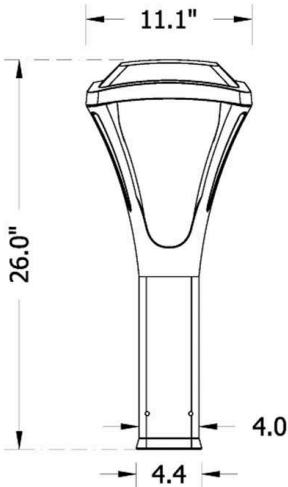
Dimensions



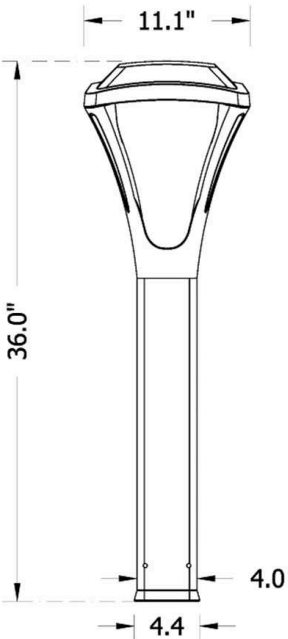
WALL MOUNT (WM)



POLE MOUNT (PM)

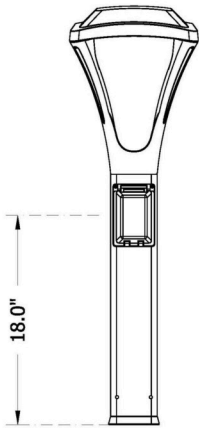


PIER BASE (PB)

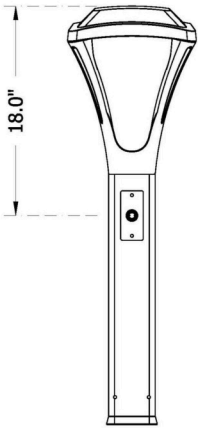


BOLLARD (BL)

Options



Low-Profile In-Use Cover (GFI LPIUC/USB LPIUC)



Button Photocell On Door (PCD)

EPA & Weight Chart

Fixture	Bollard (BL)*	Pier Base (PB)	Post Mount (PM)	Wall Mount (WM)
EPA (FT ²)	1.01	0.63	0.71	0.84
Weight (LBS)	25.94	20.1	16.78	20.18

*BL - 3' Tall Version