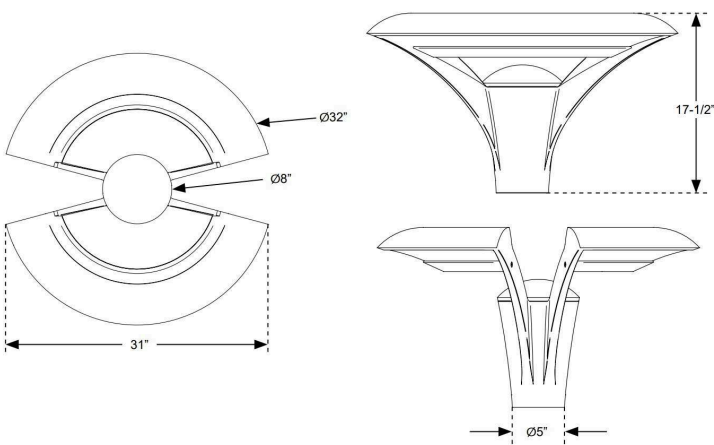


Project Name _____ Qty _____

Type _____ Catalog / Part Number _____



Certifications



Finish



Description

Designed to elegantly flare from a 5" round pole, the LU760 is constructed of high quality die cast aluminum and is the solution for area lighting on poles ranging in height from 14' to 18'. The smooth symmetrical output can be tailored to your site requirements. Its SoftVue™ lens and indirect optical design are specifically engineered to maximize visual comfort at lower mounting heights, closer to eye level.

EPA: 1.2 (#2) | WEIGHT: 55 LBS

Features

Mounting Configuration

- 1W: Wall Mount
- PT: Post Top
- 1A: 1 Arm Mount
- 1APT: 1 Arm & Post Top
- 2A: 2 Arm Mount @ 180°
- 2APT: 2Arm @180 & Post Top

Fixture

LU760: Large Lunaria™

Lens

SV2: Flat SoftVue™ Moderate Diffused Acrylic

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 Fixed Dimming Resistor Board

FDRB: Fixed Dimming Resistor Board

Mounting Configuration



Wall
Mount



Post Top



1 Arm
Mount



1 Arm &
Post Top



2 Arm
Mount @
180°



2 Arm
@ 180° &
Post Top

CCT - Color Temp (K)



2,700K



3,000K



4,000K

Distribution Type



Type
Symmetric

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	96L: 96 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 40: 4,000K

Distribution Type	TS: Type Symmetric
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Driver	MDL02: 120V-277V, 225mA MDH02: 347V-480V, 225mA MDL03: 120V-277V, 300mA MDH03: 347V-480V, 300mA MDL04: 120V-277V, 400mA MDH04: 347V-480V, 400mA
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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	Fixture	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
1W Wall Mount PT Post Top 1A 1 Arm Mount 1APT 1 Arm & Post Top 2A 2 Arm Mount @ 180° 2APT 2Arm @180 & Post Top	LU760 Large Lunaria™	96L 96 LEDs	27 2,700K 30 3,000K 40 4,000K	TS Type Symmetric	MDL02 120V-277V, 225mA MDH02 347V-480V, 225mA MDL03 120V-277V, 300mA MDH03 347V-480V, 300mA MDL04 120V-277V, 400mA MDH04 347V-480V, 400mA	SV2 Flat SoftVue™ Moderate Diffused Acrylic

How to Order

Optional Control Receptacle ⁽¹⁾	Optional Control	Optional Fuse	Optional Fixed Dimming Resistor Board	Finish ⁽⁴⁾
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽²⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽²⁾ SC Shorting Cap ⁽²⁾ PEC Button Photocontrol (120V-277V) ⁽³⁾ PEC4 Button Photocontrol (480V) ⁽³⁾	FHD Double Fuse and Holder	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 ⁽⁵⁾

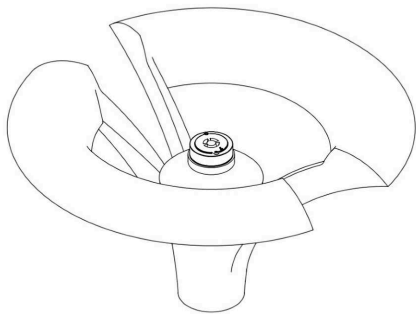
Notes:

1. Not for use with FDRB.
2. Requires control receptacle.
3. Not for use with R7.
4. Smooth finishes are available upon request.
5. Custom colors require upcharge.

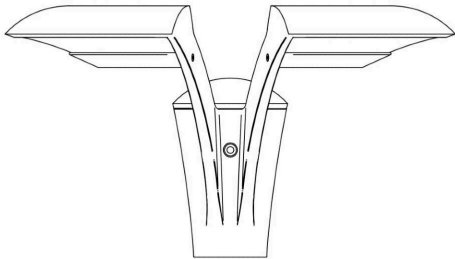
Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
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.
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.
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 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 4000K nominal (2700K or 3000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. CCT Lumen Derate Values from 4,000K (70+ CRI) 2,700K (70+ CRI)=.91 3,000K (70+ CRI)=.96 Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).
Optics	The optical system shall consist of a multipiece segmented optical image duplicating system using reflector pieces of polished Alzak™, the unit includes Sternberg's SoftVue™ lens system which provides unparalleled glare mitigation.
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.

Options



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



Button Photocell (PEC/PEC4)



Fixed Dimming Resistor Board (FDRB)

Lumen Chart(s)

Tested with SV2 lens

Model #	DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
96L40T_-MDL04	7380	B3U3G3	49.9	148
96L30T_-MDL04	7060	B3U3G3	47.7	148
96L27T_-MDL04	6740	B3U3G3	45.5	148
96L40T_-MDL03	6045	B3U3G3	59.3	102
96L30T_-MDL03	5780	B3U3G3	56.7	102
96L27T_-MDL03	5520	B3U3G3	54.1	102
96L40T_-MDL02	4865	B2U3G2	64.9	75
96L30T_-MDL02	4655	B2U3G2	62.1	75
96L27T_-MDL02	4440	B2U3G2	59.2	75