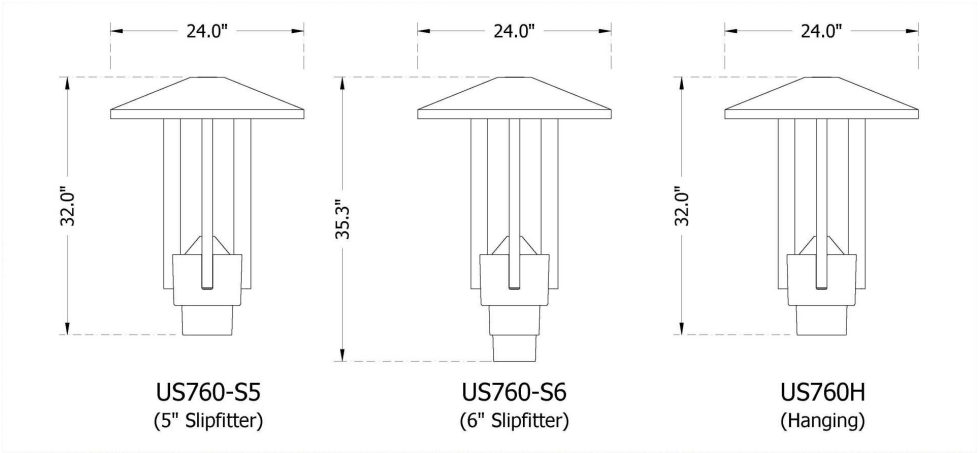


Project Name

Qty

Type

Catalog / Part Number



Certifications



Mounting Configuration



Post Top



1 Arm Mount



2 Arm Mount @ 180°



2 Arm Mount @ 90°



3 Arms @ 90°



4 Arms @ 90°



Pier Base

Description

The US760 Usonia luminaire brings minimalist elegance to larger pedestrian areas and roadways. Its open-body design and clean lines, inspired by classic architectural principles, provide bold, enduring illumination.

EPA: 1.87 (#²) | WEIGHT: 63 LBS

Features

Mounting Configuration

PT: Post Top
1A: 1 Arm Mount
2A: 2 Arm Mount @ 180°
2A90: 2 Arm Mount @ 90°
3A90: 3 Arms @ 90°
4A: 4 Arms @ 90°
P1PB: Pier Base

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

HSBS: Standard Horizontal Hangstraight, Spike Finial
HSHN: Standard Horizontal Hangstraight, No Finial
HSHB: Standard Horizontal Hangstraight, Ball Finial
EZ: Vertical Hangstraight, Large, "EZ" Mount

Optional House Side Shield

BLOC: Back Light Optical Control

Optional Fixed Dimming Resistor Board

FDRB: Fixed Dimming Resistor Board

Physical

Luminaire

US760: Usonia, Large Post Top
US760H: Usonia, Large Hanging

Finish



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



Black Textured



Old World Gray Tex



Cedar



Custom Match

CCT - Color Temp (K)



2,700K



3,000K



4,000K



5,000K

Distribution Type



Type 2



Type 3



Type 4



Type 5

Fitter	S5: To EXTERNALLY slip fit 5" SQ pole S6: To INTERNALLY slip fit 6" SQ pole
Lens	CA: Clear Acrylic SV1: Flat SoftVue™ Light Diffused Acrylic SV2: Flat SoftVue™ 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 OWGT: Old World Gray Tex CD: Cedar CM: Custom Match
Light Source	
LED	84L: 84 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 40: 4,000K 50: 5,000K
Distribution Type	T2: Type 2 T3: Type 3 T4: Type 4 T5: Type 5
Electrical and control	
Driver	MDL002: 120V-277V, 20mA MDH002: 347V-480V, 20mA MDL003: 120V-277V, 30mA MDH003: 347V-480V, 30mA MDL004: 120V-277V, 40mA MDH004: 347V-480V, 40mA MDL005: 120V-277V, 50mA MDH005: 347V-480V, 50mA MDL006: 120V-277V, 60mA MDH006: 347V-480V, 60mA MDL008: 120V-277V, 80mA MDH008: 347V-480V, 80mA

How to Order

Mounting Configuration	Luminaire	Fitter	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens
PT Post Top ⁽¹⁾ 1A 1 Arm Mount ⁽²⁾ 2A 2 Arm Mount @ 180° ⁽²⁾ 2A90 2 Arm Mount @ 90° ⁽²⁾ 3A90 3 Arms @ 90° ⁽²⁾ 4A 4 Arms @ 90° ⁽²⁾ P1PB Pier Base ⁽¹⁾ ⁽³⁾	US760 Usonia, Large Post Top US760H Usonia, Large Hanging	S5 To EXTERNALLY slip fit 5" SQ pole S6 To INTERNALLY slip fit 6" SQ pole	84L 84 LEDs	27 2,700K 30 3,000K 40 4,000K 50 5,000K	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5	MDL002 120V-277V, 20mA MDH002 347V-480V, 20mA MDL003 120V-277V, 30mA MDH003 347V-480V, 30mA MDL004 120V-277V, 40mA MDH004 347V-480V, 40mA MDL005 120V-277V, 50mA MDH005 347V-480V, 50mA MDL006 120V-277V, 60mA MDH006 347V-480V, 60mA MDL008 120V-277V, 80mA MDH008 347V-480V, 80mA	CA Clear Acrylic SV1 Flat SoftVue™ Light Diffused Acrylic SV2 Flat SoftVue™ Moderate Diffused Acrylic

Notes:

1. For use with Post Top fixture only.

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

3. For use with (S5) fitter only

How to Order

Optional Control Receptacle ^{(4) (5)}	Optional Control	Optional Fuse ⁽⁶⁾	Optional Hangstraight ⁽²⁾	Optional House Side Shield ⁽⁹⁾	Optional Fixed Dimming Resistor Board ⁽⁷⁾	Finish
R7 7-Pin control receptacle only	PE Twist-Lock Photocontrol (120V-277V) ⁽⁶⁾ PE4 Twist-Lock Photocontrol (347V-480V) ⁽⁶⁾ SC Shorting Cap ⁽⁶⁾ PEC Electronic Button Photocontrol (120V-277V) ⁽⁷⁾ PEC4 Electronic Button Photocontrol (480V) ⁽⁷⁾	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 ⁽⁷⁾	BLOC Back Light Optical Control	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 OWGT Old World Gray Tex CD Cedar CM Custom Match

Notes:

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

4. Not for use with FDRB.

5. Not for use with EZ mounting style.

6. Requires control receptacle.

7. Not for use with R7.

8. Ships loose for installation in base.

9. Not for use with T5 optic.

Specifications	
Housing	The housing is constructed utilizing precision cast aluminum parts.
LED Module	The field replaceable internal LED module comes factory sealed with an IP66 rating. The internal heat sink is sealed to the lens to protect the LED platform from the outside elements.
Fitter	This "Post Top" style includes a fitter to slip a pole/tenon, mechanically attaching to the tenon with included hardware.. S5 - Externally slip fits a 5" square x 3.25" tall pole/tenon S6 - Internally slip fits a 6" square and extending 3.25" into the pole/tenon (.250 maximum wall thickness)
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.
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. Uses a .125" thick acrylic lens. Offered with Clear Acrylic (CA), Flat Soft Vue Medium Diffused Acrylic (SV1) or Flat Soft Vue Heavy Diffused Acrylic (SV2)
Serviceability	Removable leg allows for easy access to the driver compartment for maintenance.
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.
NightSky® Friendly	Dark sky design properties with a U0 BUG rating.
IP Rating	IP66 rated optical module 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 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 (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. 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)

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
84L-40-T_-MDL008	20675	B3U0G3	121.6	19540	B3U0G3	114.9	20235	B3U0G3	119.0	21215	B4U0G2	124.8	170
84L-30-T_-MDL008	19085	B3U0G3	112.3	18035	B3U0G3	106.1	18680	B3U0G3	109.9	19585	B4U0G2	115.2	170
84L-27-T_-MDL008	17495	B3U0G3	102.9	16535	B3U0G3	97.3	17120	B3U0G3	100.7	17950	B4U0G2	105.6	170
84L-40-T_-MDL006	15835	B2U0G2	126.7	14980	B3U0G3	119.8	15480	B2U0G2	123.8	16240	B3U0G2	129.9	125
84L-30-T_-MDL006	14615	B2U0G2	116.9	13830	B3U0G3	110.6	14290	B2U0G2	114.3	14990	B3U0G2	119.9	125
84L-27-T_-MDL006	13400	B2U0G2	107.2	12675	B3U0G3	101.4	13100	B2U0G2	104.8	13740	B3U0G2	109.9	125
84L-40-T_-MDL005	12640	B2U0G2	129.0	11970	B2U0G2	122.1	12365	B2U0G2	126.2	12965	B3U0G2	132.3	98
84L-30-T_-MDL005	11670	B2U0G2	119.1	11050	B2U0G2	112.8	11415	B2U0G2	116.5	11970	B3U0G2	122.1	98
84L-27-T_-MDL005	10695	B2U0G2	109.1	10130	B2U0G2	103.4	10465	B2U0G2	106.8	10970	B3U0G2	111.9	98
84L-40-T_-MDL004	10570	B2U0G2	132.1	10005	B2U0G2	125.1	10340	B2U0G2	129.3	10830	B3U0G1	135.4	80
84L-30-T_-MDL004	9755	B2U0G2	121.9	9235	B2U0G2	115.4	9545	B2U0G2	119.3	9995	B3U0G1	124.9	80
84L-27-T_-MDL004	8945	B2U0G2	111.8	8465	B2U0G2	105.8	8750	B2U0G2	109.4	9165	B3U0G1	114.6	80
84L-40-T_-MDL003	8025	B1U0G1	133.8	7595	B2U0G2	126.6	7855	B1U0G2	130.9	8220	B3U0G1	137.0	60
84L-30-T_-MDL003	7410	B1U0G1	123.5	7010	B2U0G2	116.8	7250	B1U0G2	120.8	7590	B3U0G1	126.5	60
84L-27-T_-MDL003	6790	B1U0G1	113.2	6425	B2U0G2	107.1	6645	B1U0G2	110.8	6955	B3U0G1	115.9	60
84L-40-T_-MDL002	5205	B1U0G1	133.5	4920	B1U0G1	126.2	5095	B1U0G1	130.6	5330	B2U0G1	136.7	39
84L-30-T_-MDL002	4805	B1U0G1	123.2	4540	B1U0G1	116.4	4705	B1U0G1	120.6	4920	B2U0G1	126.2	39
84L-27-T_-MDL002	4405	B1U0G1	112.9	4165	B1U0G1	106.8	4310	B1U0G1	110.5	4510	B2U0G1	115.6	39

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**)



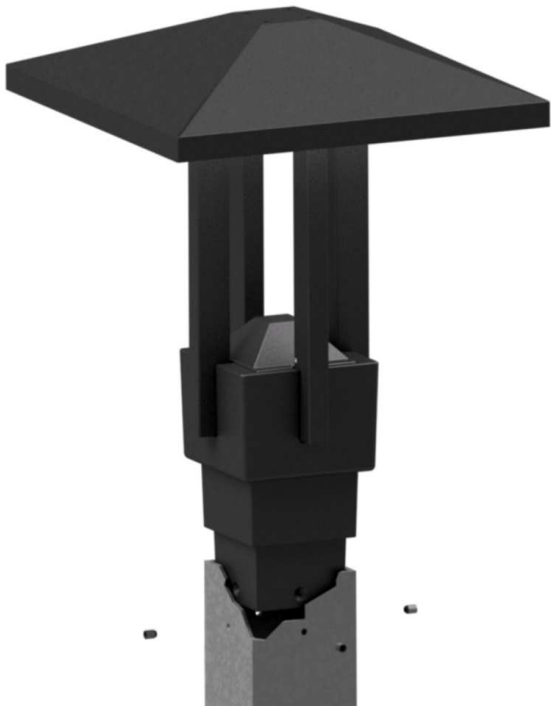
"EZ" Vertical hangstraight (**EZ**)

Fitters



(S5) 5" Slipfitter

Externally slip fits a 5" square x 3.25" tall pole/tenon



(S6) 6" Slipfitter

Internally slip fits a 6" square and extending 3.25" into the pole/tenon
(.250 maximum wall thickness)

Options



Button Photocell
(PEC/PEC4)



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



Fixed Dimming Resistor Board
(FDRB)



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



Back Light Optical Control
(BLOC)

Arm Examples



Arm: OG | Hangstraight: EZ

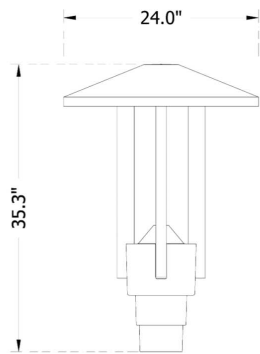


Arm: HI | Hangstraight: EZ

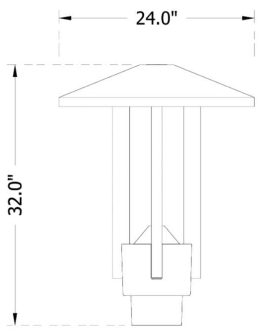


Arm: CA6 | Hangstraight: HSHN

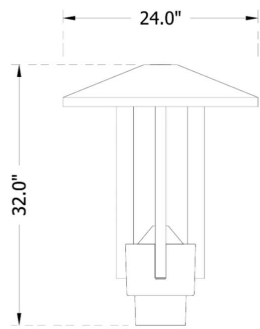
Dimensions



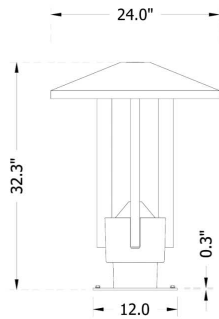
Post Top, 6" Slipfitter
(US760-S6)



Post Top, 5" Slipfitter
(US760-S5)



Hanging
(US760H)



Pier Base
(P1PB-US760-S5)