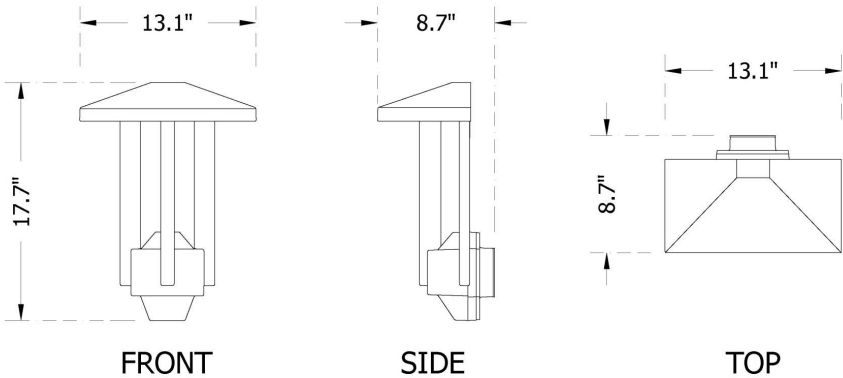


Project Name

Qty

Type

Catalog / Part Number



Certifications

Description

The US270 Usonia wall sconce elevates building facades with its refined, open-body design. Delivering uniform illumination, it creates a striking yet subtle architectural presence.

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

Physical

Model

US270: Usonia Sconce

Lens

SV1: Flat SoftVue™ Light Diffused Acrylic
SV2: Flat SoftVue™ Moderate Diffused Acrylic
SV4: Flat SoftVue™ Maximum 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

16L: 16 LEDs

CCT - Color Temp (K)

27: 2,700K
30: 3,000K
40: 4,000K
50: 5,000K

Distribution Type



Distribution Type	T2: Type 2
	T3: Type 3
	T4: Type 4

Electrical and control

Driver	MDL001: 120V-277V, 10mA
	MDL002: 120V-277V, 20mA
	MDL003: 120V-277V, 30mA
	MDL004: 120V-277V, 37mA

Features

Optional Control	PEC: Electronic Button Photocontrol (120V-277V)
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board

How to Order

Model	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Control ⁽¹⁾	Optional Fixed Dimming Resistor Board ⁽²⁾	Finish
US270 Usonia Sconce	16L 16 LEDs	27 2,700K 30 3,000K 40 4,000K 50 5,000K	T2 Type 2 T3 Type 3 T4 Type 4	MDL001 120V-277V, 10mA MDL002 120V-277V, 20mA MDL003 120V-277V, 30mA MDL004 120V-277V, 37mA	SV1 Flat SoftVue™ Light Diffused Acrylic SV2 Flat SoftVue™ Moderate Diffused Acrylic SV4 Flat SoftVue™ Maximum Diffused Acrylic	PEC Electronic Button Photocontrol (120V-277V)	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:

1. Not for use with FDRB.

2. Not for use with PEC

Specifications

Housing	The housing is constructed utilizing precision cast aluminum parts.
LED Module	The field replaceable internal LED module is available for simplified maintenance. The internal heat sink is sealed to the lens to protect the LED platform from the outside elements.
Installation	Features a stainless steel wedge plate for mounting. 2 stainless steel set screws on the underside securely fasten the luminaire to the wall.
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 Soft Vue Medium Diffused Acrylic (SV1), Soft Vue Heavy Diffused Acrylic (SV2) or Soft Vue Maximum Diffused Acrylic (SV4).
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 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 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 at 25°C. The high brightness, high-output white LED's shall be 4000K nominal (2700K, 3000K 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 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 or 4) 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: The photocontrol will 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. Bottom of sconce to be at least 5' away from reflective surfaces to minimize photocontrol cycling.

Lumen Chart(s)

Tested with SV1 lens

Model #	T2 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T3 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
16L-40-T_-MDL004	1840	B0U0G0	108.2	1735	B0U0G1	102.1	1865	B0U0G1	109.7	17
16L-30-T_-MDL004	1700	B0U0G0	100.0	1600	B0U0G0	94.1	1720	B0U0G1	101.2	17
16L-27-T_-MDL004	1555	B0U0G0	91.5	1470	B0U0G0	86.5	1580	B0U0G1	92.9	17
16L-40-T_-MDL003	1475	B0U0G0	105.4	1390	B0U0G1	99.3	1495	B0U0G1	106.8	14
16L-30-T_-MDL003	1360	B0U0G0	97.1	1285	B0U0G1	91.8	1380	B0U0G1	98.6	14
16L-27-T_-MDL003	1250	B0U0G0	89.3	1175	B0U0G1	83.9	1265	B0U0G1	90.4	14
16L-40-T_-MDL002	1055	B0U0G0	105.5	995	B0U0G0	99.5	1075	B0U0G0	107.5	10
16L-30-T_-MDL002	975	B0U0G0	97.5	920	B0U0G0	92.0	990	B0U0G0	99.0	10
16L-27-T_-MDL002	895	B0U0G0	89.5	840	B0U0G0	84.0	910	B0U0G0	91.0	10
16L-40-T_-MDL001	545	B0U0G0	90.8	515	B0U0G0	85.8	550	B0U0G0	91.7	6
16L-30-T_-MDL001	505	B0U0G0	84.2	475	B0U0G0	79.2	510	B0U0G0	85.0	6
16L-27-T_-MDL001	460	B0U0G0	76.7	435	B0U0G0	72.5	465	B0U0G0	77.5	6

Options



Button Photocell (PEC)
(Installed on backside of unit)



Fixed Dimming Resistor Board
(FDRB)