

Architectural Emergency

SV16 Series
Polycarbonate, Wet
Location Emergency Unit



Specifier's Reference

Project
Type
Model No.
Comments

codes and standards

- UL 924 listed
- UL damp location listed
- UL wet location listing optional
- NFPA 101, NEC, IBC, BOCA, and OSHA illumination standard
- Meets ADA specifications for wall mounted lighting fixtures

construction

- The high-abuse housing and backplate are molded from high-impact, F1 rated, GE Lexan polycarbonate.
- All injection molded components meet the UL 94 V-0, 5 VA flame retardant standard for emergency lighting products.
- All units are supplied standard with a UL damp location listing and tamperproof screw kit.
- Optional wet location listed products include a fully gasketed cover.
- Standard non-tamperproof screws are also included with the product.

installation

- Installation is simplified by the use of a snap-together backplate and housing.
- When installed with the supplied tamperproof screw kit, removal from mounting surface, or removal of outer protective cover is not possible under normal service conditions without the use of a torx T-15 bit.
- Utility supply is completed by use of a modular plug-in wiring harness.
- A convenient knockout is also made available in the top right section of product to accommodate 1/2" conduit (damp location listed units only).
- Wet location units may be mounted to standard 3-1/2" and 4" octagonal junction boxes.
- Damp location units may be junction box or rigid conduit mounted.

electronics

- 120/277 VAC dual voltage input with surge protected, solid state, fully automatic, voltage regulated charger.
- Charging system is complete with low voltage disconnect, AC lockout, brownout protection and combination indicator lamp and illuminated test switch.
- All circuit board components are coated with a moisture-resistant protector.
- Power Consumption
120 VAC - 0.05 A, 0.30 A with heater option.
277 VAC - 0.02 A, 0.13 A with heater option.
- Damp location: 50°F (10°C) to 104°F (40°C).
- Wet location: 41°F (5°C) to 104°F (40°C).
- Wet location with heater: -4°F (-20°C) to 104°F (40°C).

lamps

- Illumination is provided by two high performance 6 VDC, 5.5 W MR16-style halogen lamps.
- Lamps are held in an attractive molded swivel assembly, and are fully adjustable.

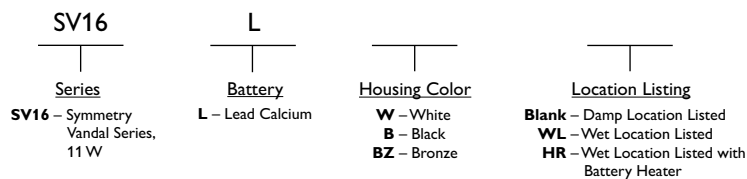
battery

- Maintenance free sealed lead calcium with 5 year life.
- Provides a minimum of 90 minutes emergency illumination.

warranty

- Three year full warranty on electronics and unit (excluding lamps).

Green Product Choice: SV16LW



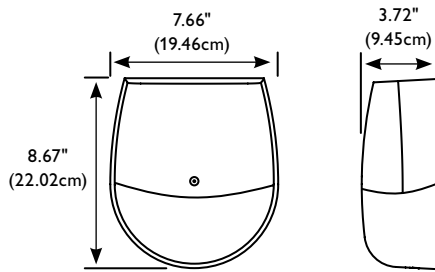
Accessories (Order Separately)

T15TPTOOL – Tamperproof Tool

options

- HR – UL wet location listed with a battery heater and suitable for use in temperatures ranging from -4°F to 104°F.
- WL – UL wet location listed for use in temperatures ranging from 41°F to 104°F.

dimensions



performance

Meets Life Safety Code illumination standard; average of 1.0 FC, no point less than 0.1 FC, max to min ratio of 40:1. Assumes open space with no obstructions, mounting height: 8' and reflectances: 80/50/20. Analysis based on independently tested photometrics.

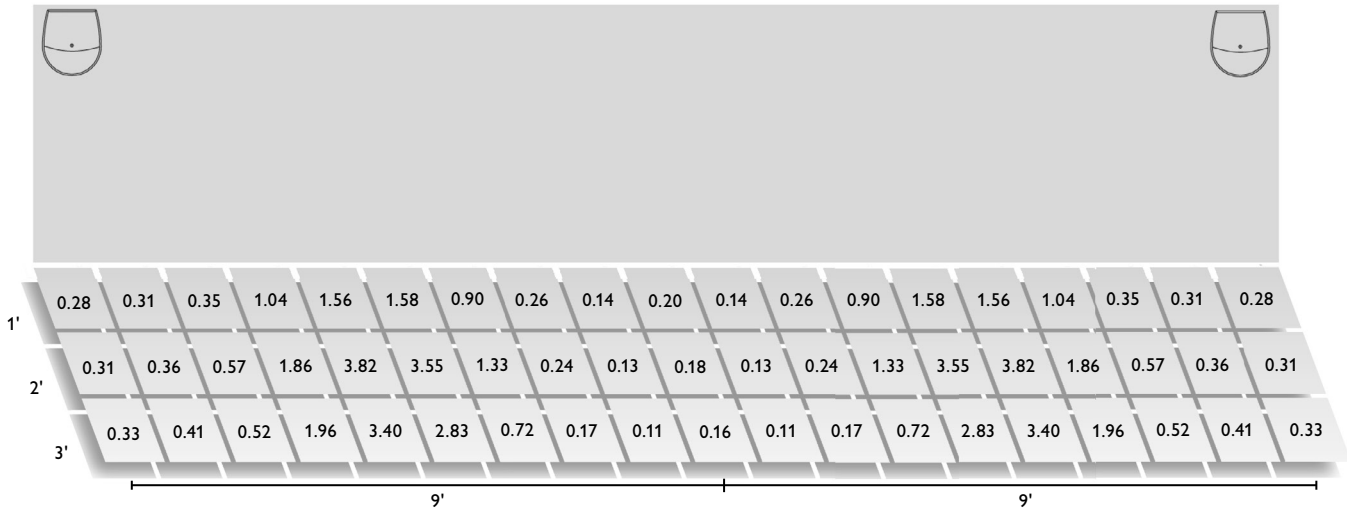


Chart represents (2) luminaires mounted on 18' centers, mounting height 8' AFF

Test No.: ITL55238

Average initial footcandles at floor = 1.03
Maximum initial footcandles at floor = 3.82

Minimum initial footcandles at floor = 0.28
Maximum to minimum ratio = 13.7:1

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