



Type No. _____

Job Name _____

Catalog No. _____



Shown: S201N



Super Square II Series

- Surface, Semi, and Fully Recessed
- Maintenance Free, Sealed Lead Calcium or Nickel Cadmium Battery

Housing

- UL 94 V-0, 5 VA impact resistant thermoplastic housing and backbox
- Unit may be surface, semi-, or fully recessed mounted and may be mounted to any standard junction box
- Matte white housing with black backbox
- Optional semi-recessed box is 22 gauge steel
- Acrylic lens standard; shatter resistant polycarbonate lens optional

Battery

- The S201N and S300N use maintenance free, nickel cadmium batteries
- Nickel cadmium batteries are recommended for semi- or fully recessed versions and high ambient temperature areas
- Nickel cadmium battery has an expected service life of 10 years with an operating range of 20°F (-7°C) to 95°F (35°C)*
- The S201L uses a maintenance free, sealed lead calcium battery
- Lead calcium battery has an expected service life of 5 years with an operating range of 65°F (19°C) to 85°F (30°C)*

* Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C).

Operation

DC Voltage	Unit	Watts to 87½ of Rated Voltage*			
		1½ hrs.	2 hrs.	4 hrs.	8 hrs.
6	S201N	12.0	9.0	--	--
6	S300N	26.0	19.5	12.5	--
6	S201L	12.0	9.0	--	--

* Per NEC Specifications

Electronics

- 120/277 VAC dual voltage input capability
- Lead calcium units utilize a solid-state, fully automatic, voltage regulated charger
- Nickel cadmium units utilize a solid-state, constant voltage charger
- Includes low voltage disconnect (LVD), brownout protection, and AC lockout installation features
- All units are provided with high output halogen lamps
- Master unit/remote capability with S300N
- Test switch and AC indicator light
- Emergency operation provides a minimum of 90 minutes of illumination

Electrical Specifications

- 120 VAC - 0.096 A, 10 W
- 277 VAC - 0.04 A, 10 W

Code Compliance

- UL 924 listed
- NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

Application

- Ideal for commercial locations where low profile emergency lighting that blends with the building decor is desired
- The Super Square II Series meets the Buy American requirements

Warranty

- Electronics: 3 years
- Battery: 1 year full, 4 years pro-rata (lead calcium)
- Battery: 5 years full, 5 years pro-rata (nickel cadmium)

Ordering Information

SERIES/BATTERY	MOUNTING CONFIGURATION	OPTIONS	ACCESSORIES (Ordered Separately)
Master Units S201N = 6 Volt, 12 Watt, Nickel Cadmium Battery ¹ S300N = 6 Volt, 26 Watt, Nickel Cadmium Battery ¹ S201L = 6 Volt, 12 Watt, Lead Calcium Battery	Blank = Surface Mount FR = Fully Recessed (for semi-recessed, order SRK1 accessory)	V = Voltmeter PC = Polycarbonate Lens 2L = (2) 7 W lamps (S300N only)	SRK1 = Semi-Recessed Kit WG3 = Wire Guard for Surface Mount WG4 = Wire Guard for Fully Recessed Unit Remote Units² S400B = 6 V, 7 W, Surface Mount S400BFR = 6 V, 7 W, Fully Recessed S400C = 12 V, 12 W, Surface Mount S400CFR = 12 V, 12 W, Fully Recessed

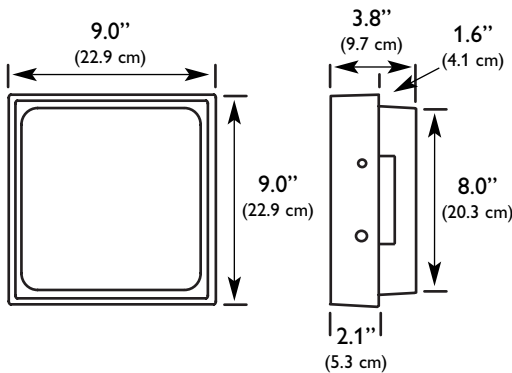
NOTES: 1) Nickel cadmium units are recommended for recessed applications. 2) Remote fixture only. Does not include emergency power source.

Ordering Example

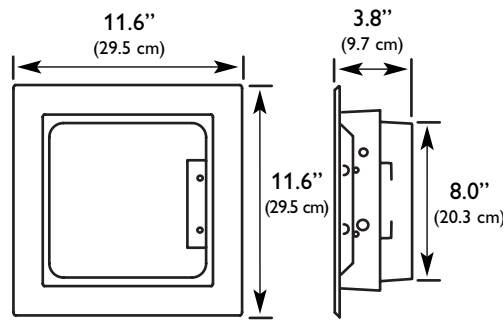
Series _____ S201N
 Mounting Configuration _____ FR
 Options _____ PC

Dimensions

Surface Mount



Fully Recessed Mount



Dimensions are approximate and subject to change.

Suggested Specification

Furnish and install LightGuard's self-contained emergency lighting model _____. The emergency lighting unit shall be listed to Underwriters Laboratories, Inc. Standard #924 and shall meet the standards of the National Electrical Code.

The S201N and S201L shall be self-contained units with 90 minutes of emergency backup operation. The S300N shall be capable of powering 6 volt remote fixtures (i.e. S400B, remote 6 V lamp heads and exit signs) for 90 minutes in emergency mode to meet UL standards.

OPERATION - Upon failure or brownout of utility power, the units shall automatically transfer to battery power and maintain the required illumination for a period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge per UL 924 standard requirements.

CHARGER - Nickel cadmium units shall be equipped with a solid-state constant voltage charger. Sealed lead calcium battery units shall be equipped with a solid-state, fully automatic constant voltage charger.

BATTERY - The battery used with S201N and S300N shall be maintenance free, sealed nickel cadmium. S201L shall use a maintenance free, sealed lead calcium battery.

HOUSING - The housing shall be lightweight, UL 94 V-0, 5 VA impact-resistant thermoplastic. Lens shall be high impact acrylic or polycarbonate.

ILLUMINATION - The Super Square II Series shall use halogen lamps with a reflector lens system to provide a 172° beam spread.

STANDARD CONTROLS - Shall include an AC indicator light and a press-to-test switch which simulates a power failure.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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