



Combination Series – SQ

THERMOPLASTIC EXIT/EMERGENCY COMBO



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____

PRODUCT DESCRIPTION

The SQ thermoplastic LED Exit/Emergency combination unit offers long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy & housing, along with push-out chevron directional indicators, the SQ offers unsurpassed value in an aesthetically pleasing design. All SQ signs include a second faceplate and a snap-fit canopy for universal installation. The SQ is provided with two factory installed lighting heads, combining exit signage with the emergency lighting function for a convenient, comprehensive solution.

PRODUCT SPECIFICATIONS

CONSTRUCTION

Injection molded, engineering-grade, UV-stable thermoplastic • UL94V-0 flame rating • Impact, scratch, fade and corrosion-resistant • Durable unibody housing frame with reinforcing ribs and integral wiring channel • Snap-fit faceplate and backplate • Second faceplate included for double face applications • 6" letters with 3/4" stroke width • Full-size, 3/4" wide chevron directional indicators • Chevron directional indicators can be easily removed or reinserted as necessary • Red or green letters • White or black textured finish.

ELECTRICAL

Dual voltage 120/277VAC • Rated for use in damp locations • Solid state charging and switching • Brownout protection • Battery low voltage disconnect • Overload and short circuit protection • AC power indicator and test switch.

LAMPS

Long life, energy saving LED lamps • Exit sign LEDs are single color (red or green) and connected in a series/parallel configuration such that the unlikely failure of one LED will affect no more than one other LED.

HEADS

Includes two 6V, 5.4W lighting heads • Contemporary square head design • Heads rotate a full 270° in all directions for comprehensive lighting coverage.

BATTERY

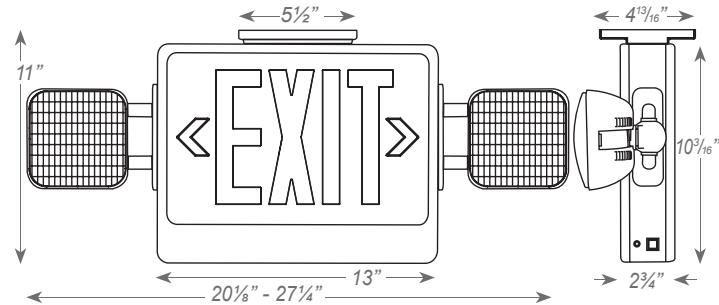
Sealed, maintenance-free lead calcium • Standard battery will operate sign and two 5.4W heads for a minimum of 90 minutes in the event of a power outage • High Output (REM option) version will operate the sign and two 5.4W heads plus an additional 11W remote load for a minimum of 90 minutes.

CODE COMPLIANCE

UL924 • Damp location rated • NFPA 101 Life Safety Code compliant • NEC and OSHA compliant • Meets the State of Minnesota energy efficiency requirements.

WARRANTY

5-year warranty. Product specifications subject to change without notice.



INSTALLATION

MOUNTING

May be top or back mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting.



ORDERING INFORMATION

model	description	options	accessories
SQRXU	Red Letters, Single or Double Face /w Canopy	SD = Self Diagnostics	VRS2 = Poly Guard (back mount)
SQG XU	Green Letters, Single or Double Face /w Canopy	REM ¹ = Remote Capacity	WG1 = Wire Guard (back mount)
		BL = Black Housing	
		USA = Assembled in USA	
		IH = Internal Heater	
Notes		CUL ² = CUL Listed	

¹will operate the sign and two 5.4W heads plus an additional 6V 11W remote load

²Units tested to meet requirements of CAN/CSA-c22.2 No. 141-02 standard for unit equipment.

Ordering Example SQRXU-SD-BL-USA



Combination Series – SQ

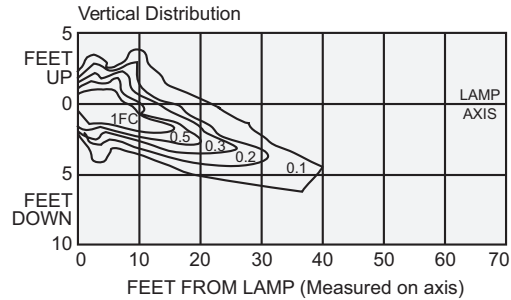
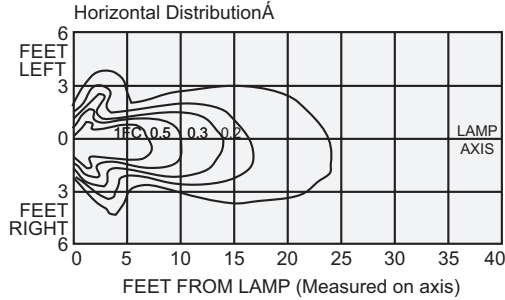
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PHOTOMETRICS

6V, 5.4W Tungsten Wedge Base Lamp (ANSI 939), Square Head



BATTERY DATA

- Lead Calcium battery warranted for one full year with additional 4 years pro-rated warranty
- Recharges in 24 hours or less

Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temperature Range ²
Lead Calcium (Std.)	6V, 4.5Ah	15 months	5-8 years	40°F-95°F
Lead Calcium (D7?)	Two 6V, 6Ah	15 months	5-8 years	40°F-95°F

¹ At 77°F

² To obtain rated life and capacity.

ENGINEERING DATA

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.06	6.5	3.6
Red LED	277	0.03	6.8	3.7
Green LED	120	0.06	7.1	4.2
Green LED	277	0.03	7.4	4.2
Red LED - REM Option	120	0.12	14.3	4.4
Red LED - REM Option	277	0.06	14.7	4.4
Green LED - REM Option	120	0.13	14.7	4.4
Green LED - REM Option	277	0.06	14.9	4.4

* Fully charged battery