

# SENTINEL

LED Emergency Light



**Applications:** Ideal for spaces requiring a compact emergency lighting unit at low to moderate mounting heights

## PERFORMANCE SUMMARY

The Sentinel Series from Sunled is a UL924 listed emergency light suitable for applications such as stairways or exit egress corridors, maintaining backup power for a minimum of 90 minutes.

Fully adjustable dual lamp heads offer flexibility for safely illuminating small to medium spaces while its compact dimensions maintain a low profile appearance. Easy universal j-box mounting pattern and quick fit housing significantly reduce installation time

## Construction

- High grade injection moulded thermoplastic ABS housing
- Mounting backplate with universal j box fixing pattern
- Wall or ceiling mount as standard
- Quickfit connector installation
- Damp location listed
- Fire resistant UL-94V-0 NFPA flame retardant housing
- Twin fully adjustable glare free mounting heads

## Electrical

- High output twin lamp LED COB
- Built in 3.6V 1000mAh Ni-MH battery for 90 minutes emergency operation
- Test switch and charge indicator lamp
- Dual voltage input 120/277 VAC, 50/60Hz

## Compliance

UL 924 Damp Location Listed  
NFPA 101 Life Safety Code  
NFPA 70 National Electrical Code  
NEC & OSHA

## Specification

Volts: 120/277VAC 50/60Hz  
Average Rated Life: 50,000hrs  
Environment Location: Damp Rated  
Ambient Temp: 32°F to 104°F  
Power Consumption: 2.0W Max  
Output: 3.0W  
Battery: 3.6V Nickel Cadmium  
Discharge Time: 90mins



## ORDERING CODE

EM-STL cat. U D 36

EM-STL Life Safety Series

EM-STL LED Emergency Light

U Installation

U Universal Housing

D Voltage

D Dual Voltage 120/277VAC 60Hz

36 Battery

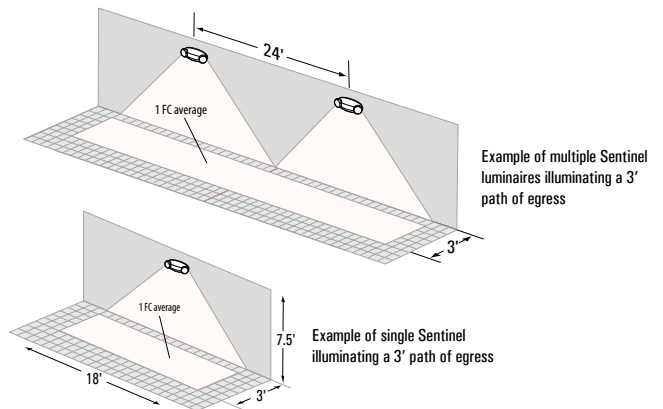
36 3.6V 1000mAh 90min

## APPLICATION SPACING

Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc.

Assumes open space with no obstructions, mounting height of 7.5', ceiling height of 9' and reflectances of 80/50/20 on a 3' path.

Photometry files available on Sunled website



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## Battery

The Sentinel is fitted standard with a 3.6V 1000mAh NiMH internal battery that provides emergency power for a minimum of 90 minutes with an operational temperature range of 32°F (0°C) to 104°F (40°C).

## Housing

Fixture housing is constructed of injection molded specification grade UV stabilized UL94 V-0 ABS flameproof thermoplastic.

## Illumination

The Sentinel utilizes twin 1.5W lamp heads, each fitted with 12 white CCT LEDs and head mounted to adjustable swivel guide. Diffused glare-free lenses provide a wide beam light source to ensure maximum coverage with reduced glare in emergency situations

## Emergency Mode

When AC power fails the driver automatically switches to emergency mode, keeping the LED load illuminated at full lumen output for a minimum of 90 minutes. When AC power is restored, the automated charging system will return to charging mode with full charge in 24 hours

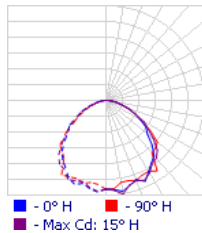
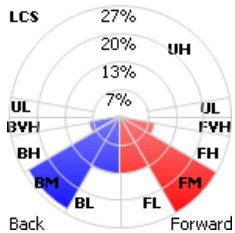
## Electrical Components

Dual voltage input 120/277 VAC operation. LED display indicates AC on with external push button to determine the operational status of the unit.

## Installation

The universal housing is suitable for wall, or standard ceiling installation with mounting plate included internally. Snap on constructions allows quick and easy installation

## PHOTOMETRICS



## DIMENSION

Weight (May vary with accessories)  
3.0lbs (1.4kg)

