

Universal Marketing



for Emergency Exit Lighting Products''

Self Contained Rechargeable Emergency Lights



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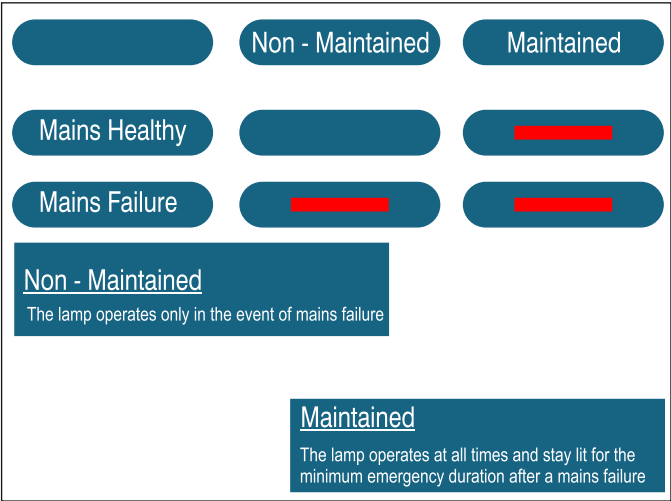


Company Profile

SUNLITE™ has been manufacturing emergency lighting systems for any requirements and different application thus increasing the range of models. It is different Emergency Lighting systems manufactured Company and developing the all different emergency lighting field and R & D, Manufacturing, Marketing and Service.

Sunlite the main concept of every successful design is to satisfy the customers requirement, Sunlite R&D team has its. new modular light series with all this mind,

SUNLITE™ Emergency Lights and Exit Lights are provided with perfect mounting arrangement so that they can be easily installed to a wall or ceiling with minimum effort.



SELF CONTAINED
RECHARGEABLE EMERGENCY

National Building code of India (SP7 : 1983 Part IV Fire protection) 1997.

- IS 9583-1981 Specification for Emergency lighting units.
- IS 9457-1980 (Reaffirmed 1997) Code of practice for safety colours and safety signs.
- IS 12349-1988 Fire protection - Safety signs.
- IS-13716 Fire Safety in hotels-code of practice.
- IS-1644-1988 Code of practice for fire safety of building (general) : Exit requirement and personal hazard.
- IS 1646 Code of practice for safety of buildings : Electrical installations.
- IS 12407-1988 Graphic symbols for fire protection plans.

Emergency Lighting Solution

Objective of emergency lighting

Emergency lighting shall be capable of :

- Indicated clearly and unambiguously the escape route.
- Provide illumination along these route.
- Illuminate fire fighting and call-point equipments.

The floor along the escape route shall be illuminated :

NBC 8.2.5 and 6 - By normal lighting when mains is ON (10 Lux) (In places where dark surrounding is needed, it may be reduced to 2 Lux)

NBC 8.15 - By emergency lighting when mains if OFF (0.2 Lux)

NBC 4.16.2 - The horizontal illumination at floor lend on the centre line of an escape route shall be not less than 10Lux. In addition, for escape route upto 2m wide 50% at the route width shall be lit to a minimum at 5Lux.

Location of emergency lighting units

A unit shall be installed at the following locations along escape route :

- Exit Door • Intersection of route • Change of direction • Change of floor level • Staircases • Outside final exit

In addition a unit shall be installed near :

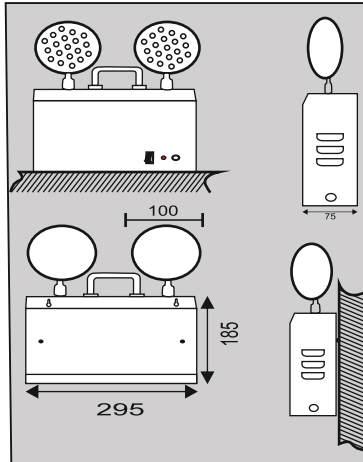
- Fire alarm call-points • Fire fighting equipment.

Escape Signs Systems

Sign	Meaning	Shape and colours	Comments of use
	Emergency exit	Square Background : Green Symbols : White	This sign may be used to indicate all exits which can be used in the event of an emergency. It shall be accompanied by an arrow (sign no. 1 of table 5) unless the door is immediately apparent. It may indicate to right or to left.
			
	Directional arrow for escape route sign	Square or rectangular Background : Green Symbols : White	To be used only together with sign with sign No.1 of table 2 to indicate the direction to an emergency exit.
			

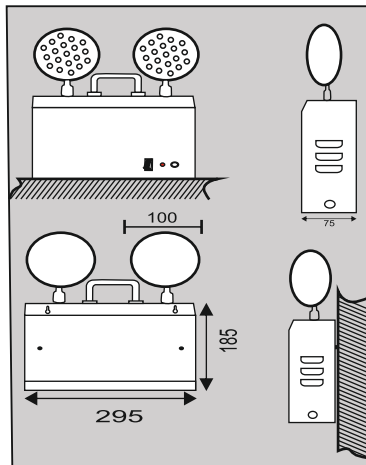
Twin Beam Lights

An portable attractive halogen twin Beam light rechargeable unit.



SEL LED / TBL

Non-Maintained
5 hrs. Backup
2 x 9 W SMD LED (White)
SLA Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger



SEL LED / TBL2

Non-Maintained
2 hrs. Backup
2 x 19 W SMD LED (White)
SLA Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger

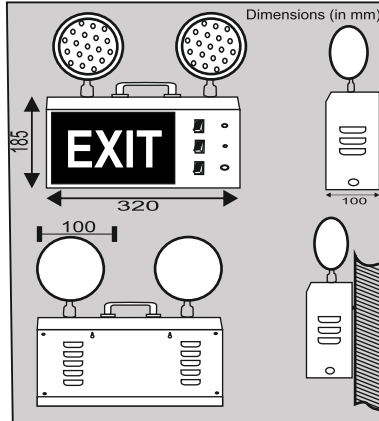
- Conforms to IS : 9583 - 1981
- Battery Duration $\pm 10\%$
- Red LED "ON" Indicates Charging
- 22 SWG CRCA Powder Coated Housing
- Equipped with push test switch
- 230 V50Hz (Others Available)
- Also available with higher Backup

Multi Beam Lights

An portable attractive halogen twin multi light with LED Exit rechargeable unit. Suitable for long corridors with exit doors.



Portable / Wall Mounted



SEL LED / ML

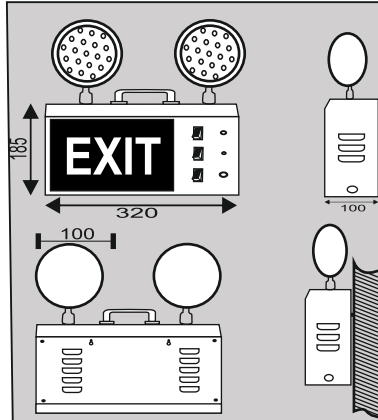
Non-Maintained
5 hrs. Backup
2 x 9 W SMD LED (White)
SLA Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger

EXIT

Maintained
5 hrs. Backup
LED



Portable / Wall Mounted



SEL LED / ML 2

Non-Maintained
2 hrs. Backup
2 x 19 W SMD LED (White)
SLA Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger

EXIT

Maintained
2 hrs. Backup
LED

- Conforms to IS : 9583 - 1981
- Battery Duration $\pm 10\%$
- Red LED "ON" Indicates Charging
- 22 SWG CRCA Powder Coated Housing
- 230 V/50Hz (Others Available)
- Also available with higher Backup

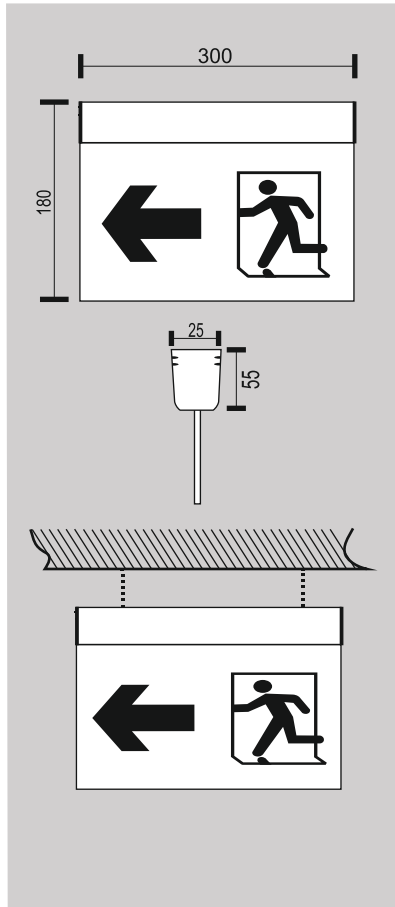
The Fascia are on Clear Acrylic.



Note : The color of LED used will match the fascia color.

LED Sleek Exit / Egress Lights

Special application LED signs, low operating cost with high lamp life of more than 15 yrs. and consumption less than 5W. Also available flashing LED EXIT Signs in Emergency modes. Also available in backlit & direct type modes.



SEL LED EL / M(S)

Maintained
5 hrs. Backup
LED
Ni-Mh / Li-On Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charger

SEL LED EL / NE (S)

Non Emergency
LED

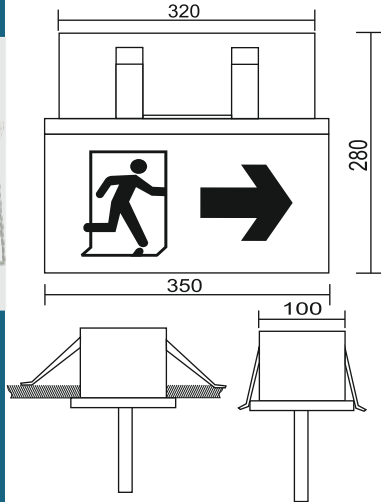
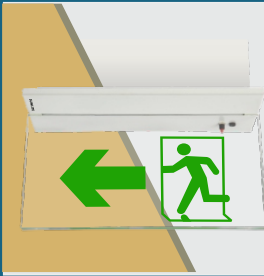
SEL LED EL / M / P (S)

Maintained
5 hrs. Backup
LED
Ni-Mh / Li-On Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charger
Photoluminescent

Conforms to IS : 9583 - 1981
Battery Duration + 10%
Aluminum CMRI Profile
RED LED "ON" indicates charging
Input ~ 230 V, 50 Hz (Other Available)
Also available with higher Backup

LED Exit / Recessed Mount Exit Lights

Special application LED signs, low operating cost with high lamp life of more than 15 yrs. and consumption less than 5W. Also available flashing LED EXIT Signs in Emergency modes. Also available in backlit & direct type modes.

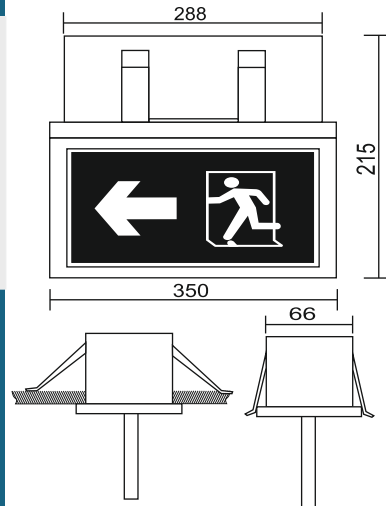


SEL LED EL / M (RM) 1

Maintained
5 hrs. Backup
5 W LED
Ni-Mh / Ni-Cd Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charger

SEL LED EL / NE (RM) 1

Non Emergency
5 W LED



SEL LED EL / M (RM) 2

Maintained
5 hrs. Backup
5 W LED
Ni-Mh / Ni-Cd Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charger

SEL LED EL / NE (RM) 2

Non Emergency
5 W LED

- Conforms to IS : 9583 - 1981
- Battery Duration $\pm 10\%$
- Red LED "ON" Indicates Charging
- 22 SWG CRCA Powder Coated Housing
- Equipped with push test switch
- 230 V, 50Hz (Others Available)
- Also available with higher Backup

The Facia are on Milky Acrylic



EF 01



EF 02



EF 03



EF 04



EF 05



EF 06



EF 07



EF 08



EF 09



EF 10



EF 11



EF 12



EF 13



EF 14



EF 15



EF 16



EF 17



EF 18



EF 19



EF 20



EF 21



EF 22



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EF 39



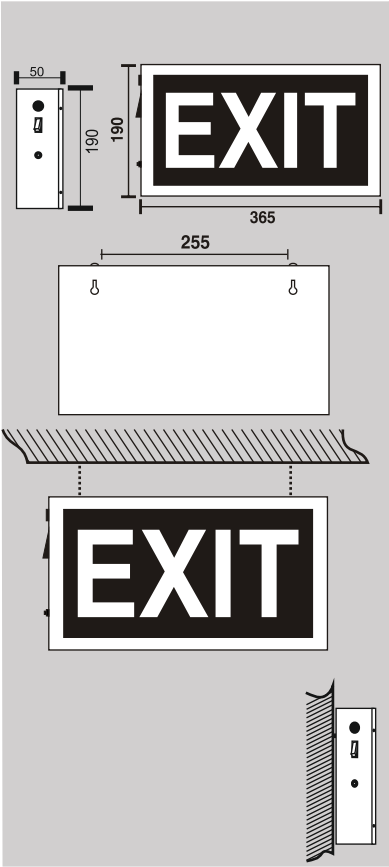
EF 40

Decorative LED Exit / Egress Lights

Emergency lighting is required in most public buildings, hospitals, factories and hotels to ensure that exit and escape paths are illuminated in the event of mains power failure. We have an exhaustive range of Exit/Fire Exit, guide lights/safety lights/community signs to ensure an orderly and peaceful dispersal of crowd from public places. Also available in three level of safety -mains operated, battery operated and Photoluminescent modes.



Wall Mounted / Surface



SEL LED EL/M

Maintained

5 hrs. Backup

5 W LED

Ni-Mh / Ni-Cd Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charger

SEL LED EL/NE

Non Emergency

5 W LED

SEL LED EL/NM

Non-Maintained

5 hrs. Backup

5 W LED

Ni-Mh / Ni-Cd Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charger

SEL LED EL/M/P

Maintained

5 hrs. Backup

LED

Ni-Mh / Ni-Cd Rechargeable Battery
16 to 24 hrs. Recharging Period
Constant Current Charge
Photoluminescent

- Conforms to IS : 9583 - 1981
- Battery Duration $\pm 10\%$
- Red LED "ON" Indicates Charging
- 22 SWG CRCA Powder Coated Housing
- 230 V/50Hz (Others Available)
- Also available with higher Backup

Auditorium Series Exit Lights

Special applications EXIT Light in black body in all Auditorium EXIT Light for Cinema Theaters Also available in three level of safety Mains operated, battery operated and photoluminescent modes.



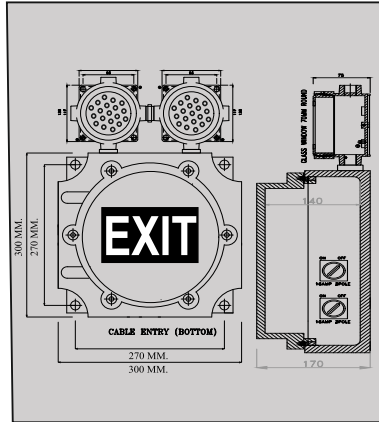
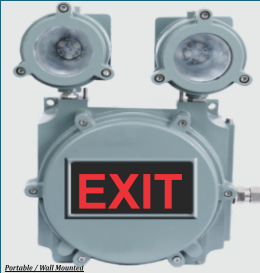
Wall Mounted / Surface

	SEL LED EL/M (A) Maintained 5 hrs. Backup 5 W LED Ni-Mh / Ni-Cd Rechargeable Battery 16 to 24 hrs. Recharging Period Constant Current Charger
	SEL LED EL/NE / A Non Emergency 5 W LED
	SEL LED EL/NM / A Non-Maintained 5 hrs. Backup 5 W LED Ni-Mh / Ni-Cd Rechargeable Battery 16 to 24 hrs. Recharging Period Constant Current Charger
	SEL LED EL/M/ A / P Maintained 5 hrs. Backup LED Ni-Mh / Ni-Cd Rechargeable Battery 16 to 24 hrs. Recharging Period Constant Current Charge Photoluminescent

- Conforms to IS : 9583 - 1981
- Battery Duration $\pm 10\%$
- Red LED "ON" Indicates Charging
- 22 SWG CRCA Powder Coated Housing
- Equipped with push test switch
- 230 V50Hz (Others Available)
- Also available with higher Backup

Flame Proof Industrial Emergency Exit Light (IP 65)

An portable attractive halogen twin multi light with LED Exit rechargeable unit. Suitable for long corridors with exit doors.



SEL LED / ML (FP)

Non-Maintained

5 hrs. Backup

2 x 9 W SMD LED (White)

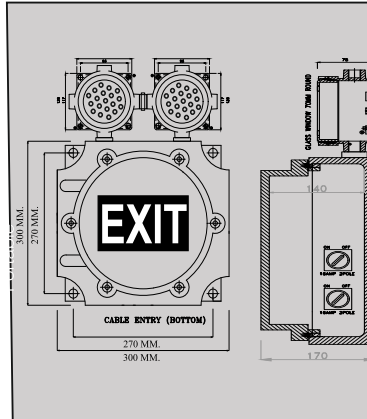
SLA Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger

EXIT

Maintained

5 hrs. Backup

LED



SEL LED / ML 2

Non-Maintained

2 hrs. Backup

2 x 19 W SMD LED (White)

SLA Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger

EXIT

Maintained

3 hrs. Backup

LED

- Conforms to IS : 9583 - 1981 IS 10322
- Battery Duration $\pm 10\%$
- Red LED "ON" Indicates Charging
- Housing Cast Aluminum & Epoxy Paint
- Heat Resistant Clear Borosil glass
- SLA Rechargeable Battery
- Constant Current Charger
- 10 to 12 Hrs. Recharging Period.
- Input ~ 230 V, 50 Hz (Other Available)

TECHNICAL DETAILS :-

1. Type of protection & Gas Group: Enclosure, Aluminum Alloy LM-6, Flame Proof (Explosion Proof) Ex-d as Per IS:2148/1981 & 15: 13346/1992.
2. Area Classification : Zone1 & 2, Gas Group IIA & IIB.



for Emergency Exit Lighting Products’’