

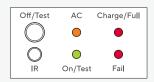
## Emergency Exit Sign Light - SL Series 6 (Slim Line)

# Model: SLS6-10LED (R)



Mode of Operation       Maintained         Operation Temperature       10 to 50°C         Input Voltage       220 - 240 VAC / 50Hz         LED Lamp Power       10W         Color Temperature       6500K - 7000K         Battery Type / Capacity       Lithium Iron Phosphate (LiFePO4)         3.2V-2000mAh       - AC, DC Fuse         - Battery Low Voltage Cut-Off       - Surge Protection         Testing Systems       - Auto Test         - Manual Test or Remote Test       - Manual Test or Remote Test         Charging Method       3 Steps Charger System         Charging Period       10-15 Hrs         Backup Time       3.0 Hrs         Housing       Electro-Galvanized steel sheet 1.0mm.         thick with epoxy powder coating       Dimensions (LxWxH)         Weight       1.84 Kg / Single sided         1.84 Kg / Single sided       1.84 Kg / Double sided         Degree of Protection       IP20         Mounting       Recessed Ceiling (Type R)         Viewing Distance       24 M (Pictogram Height 10 CM)         Accessory       Infrared Remote Test (RT-S3)         Standards / Compliance       -TIS.1955-2551         -ISO9001       -CE	Technical Specifica	Technical Specifications	
Input Voltage	Mode of Operation	Maintained	
LED Lamp Power Color Temperature 6500K - 7000K  Battery Type / Capacity Lithium Iron Phosphate (LiFePO4) 3.2V-2000mAh Protection Features -AC, DC Fuse -Battery Low Voltage Cut-Off -Surge Protection  Testing Systems -Auto Test -Manual Test or Remote Test  Charging Method 3 Steps Charger System  Charging Period 10-15 Hrs  Backup Time 3.0 Hrs  Housing Electro-Galvanized steel sheet 1.0mm. thick with epoxy powder coating  Dimensions (LxWxH) 415 x 105 x 220 mm  Weight 1.84 Kg / Single sided 1.84 Kg / Double sided  Degree of Protection IP20  Mounting Recessed Ceiling (Type R)  Viewing Distance 24 M (Pictogram Height 10 CM) Accessory Infrared Remote Test (RT-S3)  Standards / Compliance -TIS.1955-2551 -ISO9001	Operation Temperature	10 to 50°C	
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Battery Type / Capacity  Lithium Iron Phosphate (LiFePO4) 3.2V-2000mAh  Protection Features  - AC, DC Fuse - Battery Low Voltage Cut-Off - Surge Protection  Testing Systems  - Auto Test - Manual Test or Remote Test  Charging Method 3 Steps Charger System  Charging Period 10-15 Hrs  Backup Time 3.0 Hrs  Housing  Electro-Galvanized steel sheet 1.0mm. thick with epoxy powder coating  Dimensions (LxWxH)  415 x 105 x 220 mm  Weight 1.84 Kg / Single sided 1.84 Kg / Double sided  Degree of Protection IP20  Mounting Recessed Ceiling (Type R)  Viewing Distance 24 M (Pictogram Height 10 CM) Accessory Infrared Remote Test (RT-S3)  Standards / Compliance - TIS.1955-2551 - ISO9001	LED Lamp Power	10W	
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Charging Period         10-15 Hrs           Backup Time         3.0 Hrs           Housing         Electro-Galvanized steel sheet 1.0mm. thick with epoxy powder coating           Dimensions (L x W x H)         415 x 105 x 220 mm           Weight         1.84 Kg / Single sided           1.84 Kg / Double sided         1.84 Kg / Double sided           Degree of Protection         IP20           Mounting         Recessed Ceiling (Type R)           Viewing Distance         24 M (Pictogram Height 10 CM)           Accessory         Infrared Remote Test (RT-S3)           Standards / Compliance         - TIS.1955-2551           - ISO9001		- Manual Test or Remote Test	
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Viewing Distance 24 M (Pictogram Height 10 CM)  Accessory Infrared Remote Test (RT-S3)  Standards / Compliance - TIS.1955-2551  - ISO9001	Degree of Protection	IP20	
Accessory Infrared Remote Test (RT-S3)  Standards / Compliance -TIS.1955-2551 -ISO9001	Mounting	Recessed Ceiling (Type R)	
Standards / Compliance - TIS.1955-2551 - ISO9001	Viewing Distance	24 M (Pictogram Height 10 CM)	
- ISO9001	Accessory	Infrared Remote Test (RT-S3)	
	Standards / Compliance	- TIS.1955-2551	
-CE		-ISO9001	
		-CE	

#### **Indicators**



Switch Off/Test • Press to turn off the lamp and the system of the unit (while the power is off or the unit is not plugged in) /

(during normal circumstance and the unit is plugged in)

Press to test the device's availability

LED AC

Indicates that the unit is receiving a power supply

LED **Charge/Full** ▶ Indicates that the unit's battery is charging

LED On/Test

▶ Infrared signal receiver

Indicates that the unit is receiving a power / Indicates if the unit is performing a self-test

LED Fail

Indicates there is a problem with the battery

#### **Product Overview**

Emergency Exit Sign Light SLS6-10LED (R) (Single sided/Double sided) is designed for recessed installation. It uses SMD Low Power High Lumen LED bulbs and employs SMT technology in production. It also includes an Aluminum PCB LED panel, which can help dissipate heat, resulting in electricity savings and a long operational lifespan. The sign's symbol display panels are constructed using layered acrylic sheets. The middle layer utilizes Transparent Acrylic, which serves as a medium for transmitting light generated by LEDs. It also uses milky white acrylic sheets with light-diffusing properties across the entire panel after extended usage, complying with TIS 2430-2552 and TIS 021004-22 standards. The housing is made with 1 mm. thick Electro-Galvanized steel sheets coated with Epoxy powder and stove enameled to help protect from any possible rust.

#### **Features**

 $\bullet \ \ \text{Highly efficient and super bright 10 Watts LEDs provides maximum brightness while}$ saving on power consumption. It also offers long operational life of more than 50,000 hours

#### Battery

• Use Lithium Iron Phosphate (LiFePO4) 3.2V-2000mAh, backup power for 3 hours. It has the advantages of light weight, long service life and high power. It also causes less pollution

#### Functions

- · Auto Test schedule: 1 month every 60 seconds, 1 year every 120 minutes (according to standard TIS.021004-22), activate and deactivate functions with a remote control
- The operation can be tested manually (Manual Test)
- A 5-second, 30-minute or 60-minute self-test can be performed on the unit using the

#### Circuit Systems

· Controlled by an 8-bit microcontroller circuit

#### **Protection Features**

- · AC and DC fuse to prevent current overload
- · Surge Protection
- IP20 dust and water resistant

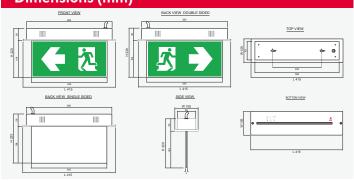
#### Features to Extend Battery Life

- An innovative 3 Steps Charger System
- A Low Voltage Cut-Off to prevent the battery from draining completely

#### Warning Systems

- An LED will blink 3 times every 15 seconds to indicate that the system performs an automatic battery test (Auto Test) and detects that the backup lighting emergency duration is less than 120 minutes (Battery Fail)
- · An LED will blink 4 times every 15 seconds to indicate that there is a problem charging the battery (Charging Fail)

### Dimensions (mm)



### Installation





Recessed (Type R)