

LYE Series Emergency Indicator Light



Products description and application

LYE series emergency indicator lights have the characteristics of low power consumption, high brightness, and long service life. They are equipped with emergency function switches on the side and are suitable for public places such as factories, ports, and industries to provide emergency lighting instructions in case of power outages.



Features

- Using high-quality LED light source, energy saving, environmental protection and long life.
- Laser light guide plate, soft light, uniform brightness and strong penetrating power.
- The emergency conversion time is less than 1S, and it has complete overcharge and over-discharge protection functions.
- With electromagnetic compatibility, in line with EMC standards.
- Metal shell, surface sprayed with plastic, impact-resistant and corrosion-resistant.
- Wall-mounted installation, simple and quick.

General Specifications

Meet the standard: GB 17945、UL924

Electrical parameters		Mechanical parameters	
Operating voltage	100-240VAC	Housing color	Black
Power consumption	3.5W	Housing material	SPCC
EMC	ESD:IEC61000-4-2	Surface finishing	Black powder coating
	Contact Discharge ±4kV	Weight	1.3kg
	Air Discharge ±8kV	Mounting	Wall Mount
	EFT:IEC61000-4-4 ±1kV	Operating temperature	-20℃~+55℃ ^[1]
	Surge:IEC61000-4-5	Storage temperature	-40℃~+70℃
	Line-Line ±2kV	Vibration resistant rate	IEC60068-2-6 3g
Line-Ground ±4kV	Salt spray rate	ISO9227 480h	
EN55015			
Wiring	Lead wire		
Optics parameters			
Light source	LED	LEDs lifetime	≥50000h
Light color	Green	Luminance	100-260cd/m ²

^[1] The battery is charged at room temperature, please refer to the table below for the emergency time at different ambient temperatures:

ambient temperature	-20℃	+25℃	+55℃
emergency time	4h	4h	5h

Notice:

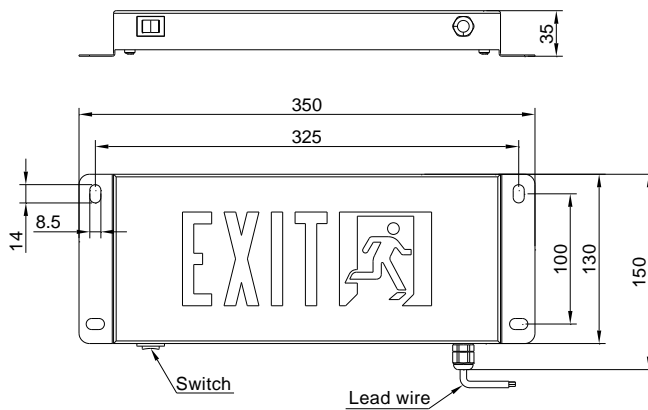
- Please charge it for more than 12 hours before use.
- When the battery is charged at lower than normal temperature, the emergency time will be slightly reduced.

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Mounting dimensions

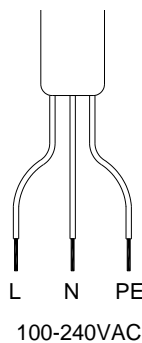
Unit: mm



Installation:

- Use four M8 screws to fix it to the mounting surface. The mounting surface should be flat and have sufficient mechanical strength.

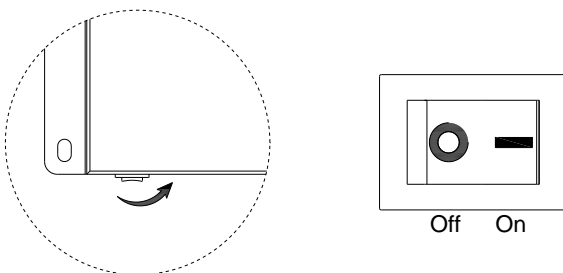
Wiring diagram



wiring:

- Make sure the power supply voltage matches the rated voltage of the lamp; when wiring, check the cable identification for correct connection.
- After the wiring is completed, please turn the switch to the side with the symbol "—" to turn on the emergency function.

Instructions for use of the button



How to use the switch:

- The switch is on the symbol "O" side, the emergency function is off. (factory default)
- When the switch is on the "—" side, the emergency function is on.
- When the emergency function is not turned on, the lamp will not light up. It will only light up when there is no external power input and the emergency function is turned on.

Precautions

1. The product cannot be in direct or indirect contact with industrial alcohol, banana water, isopropanol, carbon tetrachloride, cyclohexanone and other organic solvents, otherwise it will be corroded and cracked.
2. Please connect the rated working voltage when using.
3. The nickel-metal hydride battery in the emergency lamp is a consumable, and the cycle life (IEC61951-2/2011/7.5.1.2) is 500 times; it is recommended to charge and discharge the product every three months for maintenance.
4. Replacement and maintenance of lamps should be done by professionals after cutting off the power supply first.
5. Please read the instructions carefully before use. If you have any questions, please contact our company.

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Selection table

LYE-①

①

L Lead wire 1m

S Lead wire 1.5m, With British standard plug

How to Order

Item number	Model	Input Voltage	Power	Wiring	Installation type
1000567_001	LYE-L	100-240VAC	3.5W	Lead wire 1m	Wall mounting
1000567_002	LYE-S	100-240VAC	3.5W	Lead wire 1.5m , With British standard plug	Wall mounting

Thanks for choosing our products, NANHUA Electronics is the professional brand of signal transmission and high quality industrial lighting which is trusted and loved by global users from various industries. Read and understand these instructions completely and carefully. Wrong installation and operation may lead to fires, electric shock, and others. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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