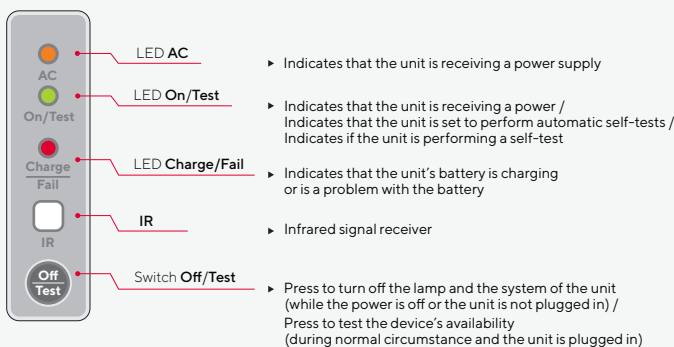




Technical Specifications

Mode of Operation	Non-Maintained
Operating Temperature	10 to 50°C
Input Voltage	220-240 VAC / 50Hz
LED Lamp Power	9W / Bulb
Color Temperature	Warm White (3000K ± 250K) Daylight (6000K ± 250K)
Luminous Intensity	833.5 lm, Warm White 726 lm, Daylight
Rated Beam Angle	45° ± 5°
Battery Type / Capacity	Lithium Iron Phosphate (LiFePO4) 3.2V-6000mAh x2
Protection Features	- AC, DC Fuse - Battery Low Voltage Cut-Off - Surge Protection
Testing Systems	- Auto Check - Auto Test - Manual Test or Remote Test
Charging Method	3 Steps Charger System
Charging Period	10-15 Hrs
Backup Time	6.0 Hrs
Housing	Electro-galvanized steel sheet, 1mm. thick with epoxy powder coating.
Dimensions (L x W x H)	260 x 140 x 150 mm
Weight	1.55 Kg
Degree of Protection	IP20
Mounting	Recessed Ceiling
Accessory	Infrared Remote Test (RT-S3)
Standards / Compliance	- TIS.902 Part2(22)-2560 - TIS.1955-2551 - ISO9001 - CE

Indicators



Product Overview

Emergency lights that support recessed mounting enhance the aesthetics of buildings and spaces. The heads of the emergency light fixtures can independently adjust the direction of the emergency light to the desired area using LED and a power rating of 9 watts, with a total of 2 heads for providing bright light.

The device is controlled by the microcontroller. Thus, it can be activated by either pressing the Function Test button on the device or by remote testing.

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

Bulb

- Highly efficient and super bright 9 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-6000mAh x2, backup power for 6 hours. It has the advantages of light weight, long service life and high power. It also causes less pollution

Functions

- Auto Check for key components abnormalities such as the battery, bulbs, fuses, lighting circuits, and battery charging system (patent number 21778)
- Auto Test schedule: 1 month every 60 seconds, 1 year every 120 minutes (according to standard TIS.O21004-22), 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 remote

Circuit Systems

- Controlled by an 8-bit microcontroller circuit
- A Timer Delay circuit to keep the unit operating for a few more seconds once normal power has returned

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
- Continuous monitoring and checking system for the battery charging status
- Battery voltage change rate monitoring system with respect to time (dv/dt)

Warning Systems

- Alert for device not ready for use
- Alert for AC input not connected to the device and notification for rectifier circuit malfunction
- 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)
- An LED will blink 5 times every 15 seconds to indicate that an abnormality in the lighting system (Lighting Fail)

Dimensions (mm)

