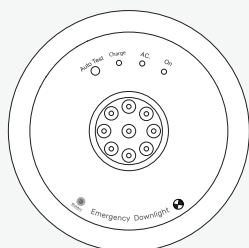




Technical Specifications

Mode of Operation	Non-Maintained
Operating Temperature	0-60°C
Input Voltage	220-240 VAC / 50Hz
LED Lamp Power	9W / Bulb
Color Temperature	Warm White (3000K ± 250K) Daylight (6000K ± 250K)
Luminous Intensity	-39 cd (Type E) / 755.1 Lumen (Warm White) -43 cd (Type E) / 752 Lumen (Daylight)
Rated Beam Angle	90 ± 2 Deg
Battery Type / Capacity	Lithium Iron Phosphate (LiFePO4) 6.4V-1200mAh
Protection Features	- AC, DC Fuse - Surge Protection
Testing Systems	- Auto Test - Remote Test
Charging Method	3 Steps Charger System
Charging Period	10-15 Hrs
Backup Time	3.0 Hrs
Housing	Electro-galvanized steel sheet 1mm. thick with epoxy powder coating
Dimensions (ø x H)	140 x 42 mm
Weight	0.48 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



- Auto Test** ▶ Indicate that the unit is set to perform automatic self-tests
- LED Charge** ▶ Indicate the battery charging status
- LED AC** ▶ Indicate that the unit is receiving a power supply
- LED On** ▶ Indicate that the unit is operational

Product Overview

The newly designed EDLS09-3R self-contained emergency downlight resembles a regular downlight and is perfect for exposed installations on recessed ceiling of offices, buildings and residents. The beautiful and modern design will enhance the look of any buildings.

Using high-quality 9 Watts LEDs providing operational life of more than 50,000 hours. Equipped with an innovative 3 Steps Charger System (patent number 15955) to prolong battery life and prevent battery damage.

The casing is produced from 1mm thick Electro-Galvanized steel coated with Epoxy powder and special chemicals to prevent any possible rust.

The EDLS09-3R self-contained emergency downlight has undergone continued innovation to give maximum value and functions to the users, as can be seen in the feature list.

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

- Lithium Iron Phosphate (LiFePO4) 6.4V-1200mAh

Functions

- Long range remote testing
- 5-second, 30-minute and 60-minute tests can be activated remotely
- An automatic 30-minute test can be set to perform every 30 days

Circuit Systems

- Controlled by an 8-bit microcontroller circuit
- An Auto activation circuit when under voltage occurs
- 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

Warning Systems

- An LED will blink once every 2 seconds to warn that the Low Voltage Cut-Off is about to activate
- An LED will blink 3 times every 2 seconds to warn that there is less than 30 minutes of charge left in the battery
- An LED will blink 4 times every 2 seconds to indicate that there is a problem charging the battery

Dimensions (mm)

