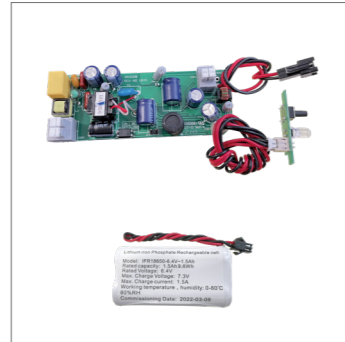# Emergency

With manual/self testing emergency kits built-in, our luminaries provide emergency lighting that lasts 3 hours in case of power failure.
The long lifetime LiFePO$_4$ battery is more environmentally-friendly, compared with Ni-MH/Ni-Cd.

Mannual Testing

Self Testing

Emergency Features

- Emergency wattage: 2W/3W

- Emergency working mode:
  - Normal emergency mode
  - Rest mode
  - Inhibit mode
  - Extended emergency mode

- Battery status check via Koolmesh app

- Retrievable usage data & report history

- Automatic email notification when fault is detected

- Monthly/Annually automatic testing with report generation

LED Diagnostics

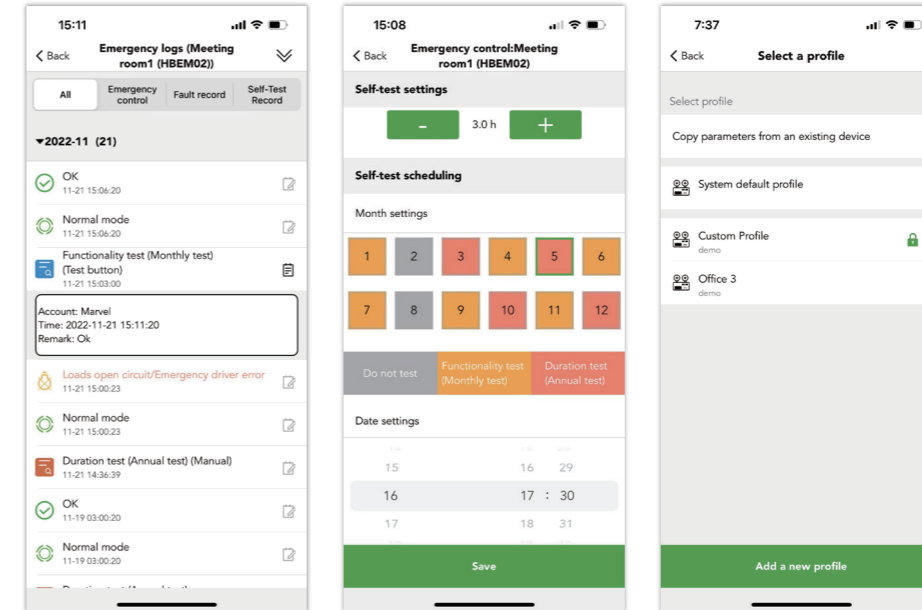| Indicator Colour	Status	Meaning
GREEN SOLID	Device OK	All OK, AC power is present. Battery is connected & charging.
GREEN FAST FLASH (0.1s ON, 0.1s OFF)	Monthly test / Functionality test	AC power is present. Monthly test in progress.
GREEN VERY SLOW FLASH (1s ON, 1s OFF)	Annual test / Duration test	Annual test are being carried out
RED SOLID	Emergency LED fault	Emergency LED is open circuit, short circuit or has otherwise failed in some way. Fault can indicate the live status or the result of a test.
RED SLOW FLASH (1s ON, 1s OFF)	Battery fault	Battery failure (Battery failed the duration or functional test, battery appears to be defective, battery has incorrect voltage).
RED / GREEN OFF	No power available	AC power is lost, unit in emergency mode

* If you want to check the diagnostic report, please go to the APP or web platform to see the full report and analysis.

Emergency in the Bluetooth

Simple device setup and commissioning can be done via Koolmesh Bluetooth APP. Users can also schedule all the annual and monthly fault diagnosis, and generate emergency testing report. Emergency lights status conduct monthly or annually testing automatically and user can get email notification as soon as fault is detected.
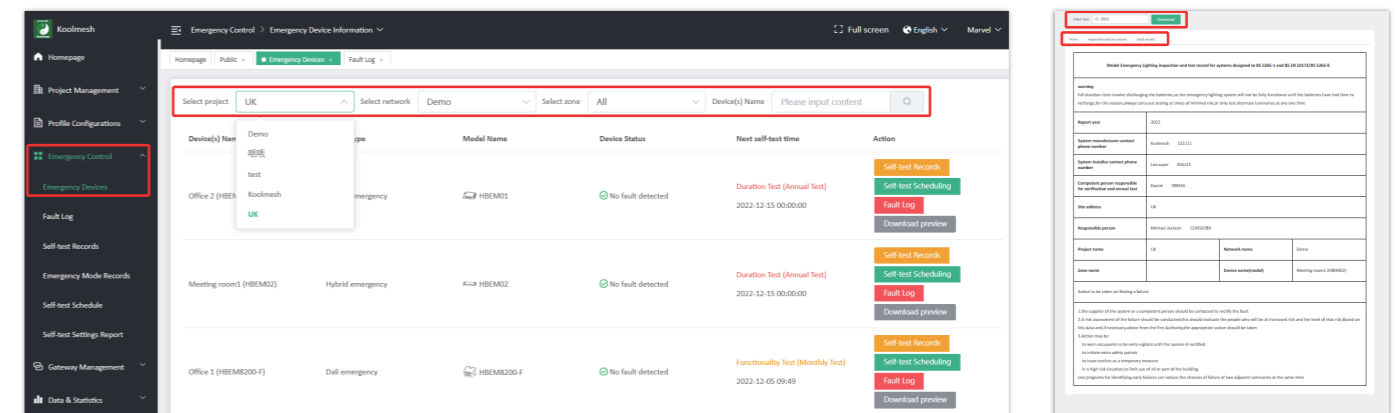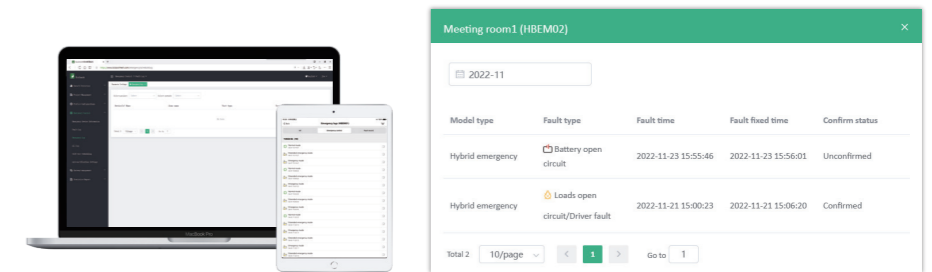
On APP

- Emergency logs and battery status check
- Self-test scheduling Batch commissioning
- Enable users to copy all the parameters or use the system default profile

On Web Platform

- Self-test records
- Self-test schedule
- Fault log
- Email notification when fault is detected
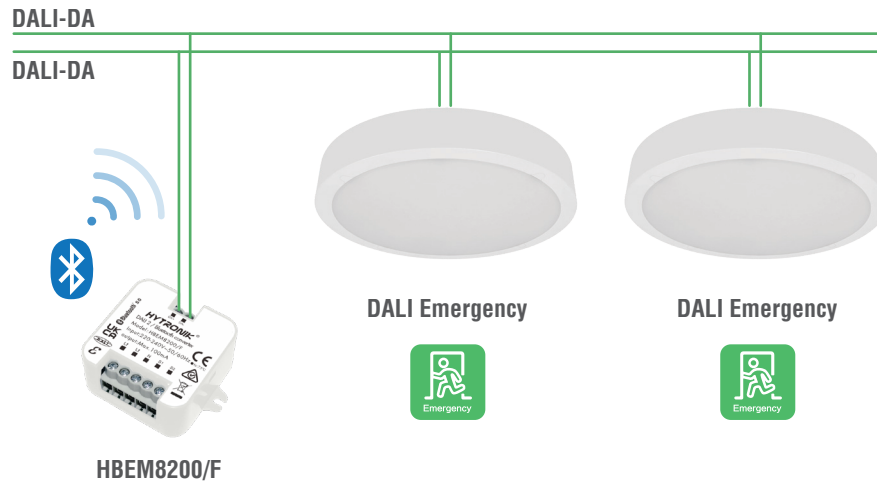- Emergency report generation & download

FUNCTION

DALI Emergency

Koolmesh system is also compatible with standard DALI emergency driver in the mainstream market. Koolmesh-enabled translator module is needed to transfer DALI signal to Bluetooth signal.

Bluetooth compatible with standard DALI emergency

DALI-DA

DALI-DA

HBEM8200/F

DALI Emergency

DALI Emergency

Mesh Network Bluetooth Emergency

Bluetooth Emergency

Bluetooth Emergency