Just Emergency

PLUG&PLAY E3 Kit

Accessory

It has never been more convenient and easier to convert a luminaire for emergency operation!

- **The Kit has been designed to enable conversion of general lighting for emergency operation**
- **The Just Emergency Kit consists of an Emergency LED driver, a LiFePo4 battery for 3 h emergency operation, an indicator LED and a test switch button**
- **Based on the latest technology with lithium-iron phosphate battery, the Kit provides a longer life expectancy compared to NiCd or NiMH emergency kits**
- **Quick and easy to install PLUG&PLAY solution, which eliminates complexity from emergency lighting**
- **In case of an emergency the luminaires will provide sufficient light for 3 hours on battery mode**
- **Battery compartment can be opened easily for a fast and convenient battery replacement**
- **THORNeco Connector (4 pole) for toolfree connection of switched and unswitched line**

General product information:

- Input rated voltage: 220–240 V AC, 50–60 Hz
- AC Input power rated 4.0 W max
- Power factor: >0.5
- Output emergency power 3 W
- Output voltage DC10–50 V
- Battery capacity (LiFePO4) 2200 mAh
- Ambient range ta 0–50°C

Compatible with:

Anna Vario

Amy Vario

Zoe Vario

Lily

The battery

The emergency Kit uses a Lithium iron phosphate (LiFePO4) battery which is known for its many advantages such as longer life expectancy, high safety and lower environmental impact due to the use of phosphates instead of cobalt.

Self test

The Emergency Kits carry out self-tests automatically to ensure its functionality.

The self-tests covers 3 types of tests:

Initial test

- As soon as the emergency kit is connected, the Initial test will start immediately automatically
- In case of a failure the LED will flash red, otherwise the charge mode will start

Functional test

- Refers to charging, discharging and the functioning of load
- Carried out for 10 seconds automatically every 30 calendar days

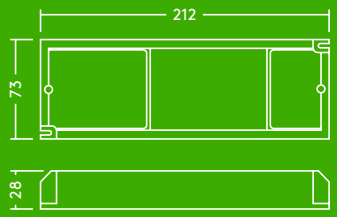
Duration test

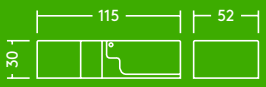
- Refers to the test of batteries' capacity
- Carried out every 180 calendar days

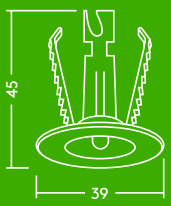
Self test can be deactived for manual testing via dip switch.

Timer reset functionality
The timer for function and duration test can be set to a particular time of the day by cycling the un-switched line supply 3 times within 1 minute.

Rest mode
Rest mode can be initiated during emergency mode by pressing test switch longer than 3 seconds.







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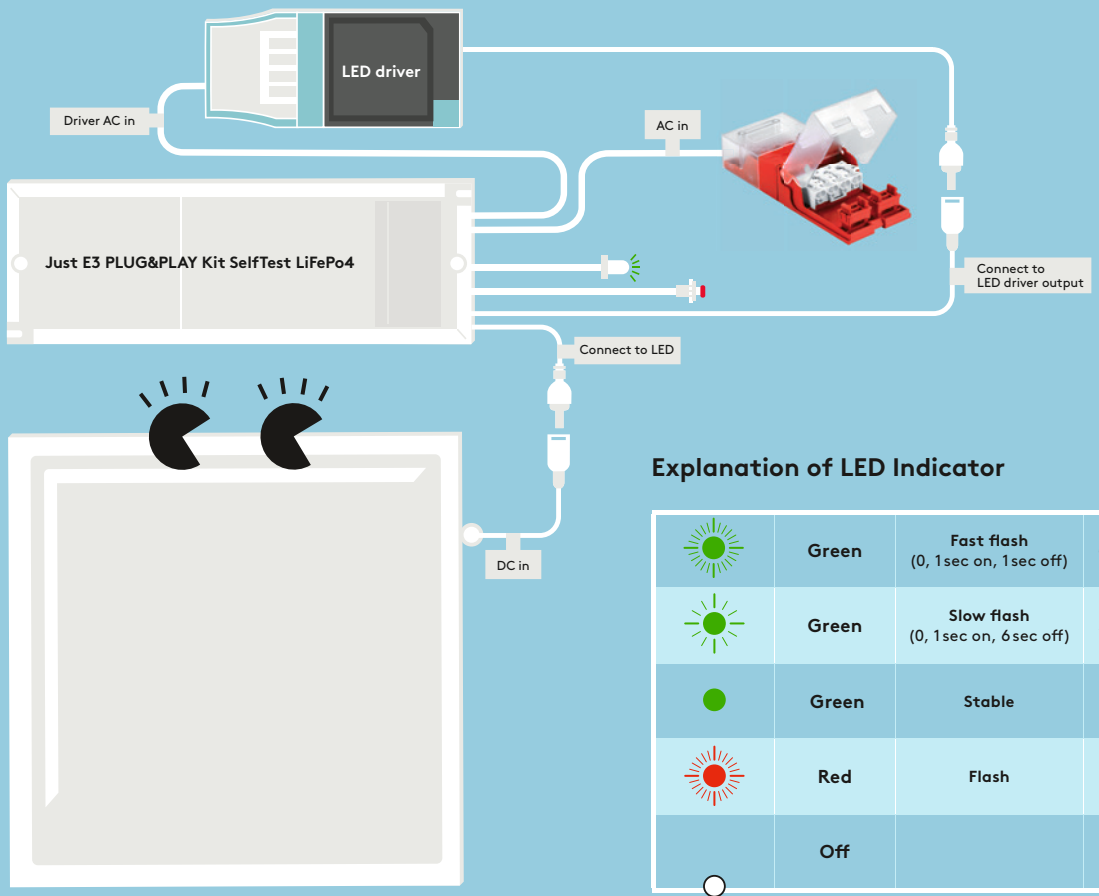
Wiring diagram (maintained)



Explanation of LED Indicator

	Green	**Fast flash** (0, 1sec on, 1sec off)	Charging Mode
	Green	**Slow flash** (0, 1sec on, 6sec off)	Selft-Test
	Green	**Stable**	Fully Charged
	Red	**Flash**	Failure (Load/Charging/Battery failure)
	Off		Battery operation/ Emergency mode

Please note

- If mains supply is off during self-test period, emergency conversion module would terminate self-test immediately and go into emergency mode
- If the main power of the LED emergency driver is rapidly switched on/off for 3 times, the self-test will be re-set

Self-test is under the regulation of EN62034.

Ordering Guide

Description	Wt (kg)	Cat. No.
Just E3 PLUG&PLAY Kit SelfTest LiFePo4	0.54	ECOE3TLIFEKIT
REPLACEMENT BATTERY FOR ECOE3TLIFEKIT	0.14	ECOE3TLIFEBAT
Just Emergency PLUG&PLAY E3 Kit*		ECOE3KIT
Just Emergency PLUG&PLAY SelfTest E3 Kit*		ECOE3TKIT

* These kits come with NiMH Batteries and have different technical information than shown. See instructions for further information. Available while stocks lasts.

5 Five year guarantee