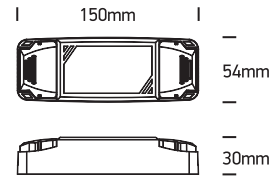


# INSTALLATION MANUAL

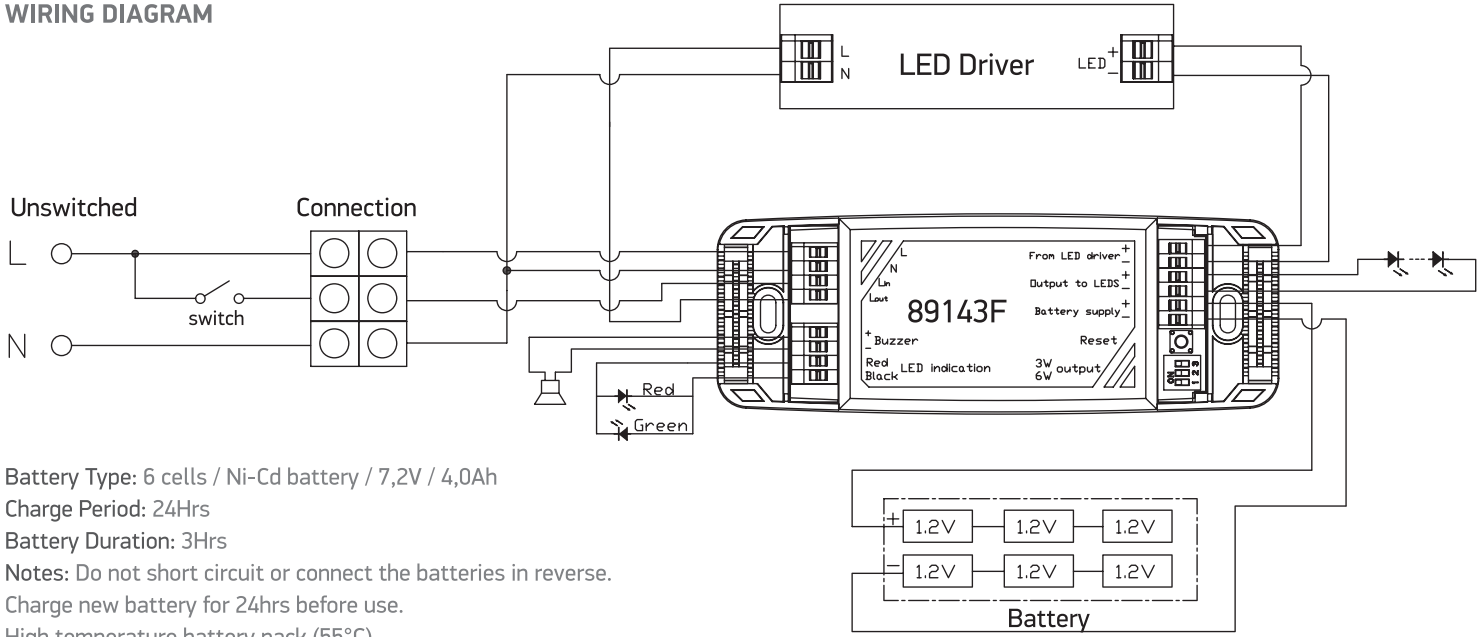
## 89143F



230V | 7-60W | IP20 | Emergency kit for LED panels | 3Hrs Maintained  
Supplied with battery.



### WIRING DIAGRAM



Battery Type: 6 cells / Ni-Cd battery / 7,2V / 4,0Ah

Charge Period: 24Hrs

Battery Duration: 3Hrs

Notes: Do not short circuit or connect the batteries in reverse.

Charge new battery for 24hrs before use.

High temperature battery pack (55°C).

### Bi-Colour LED Diagnostics

Status	Buzzer beep & LED flash mode	Visual indication	Buzzer
Battery failure	Red LED slowly flashes once in 3 seconds; buzzer beeps 10 seconds every hour.	● ○ ○	🔊
LED lamp failure	Red LED rapidly flashes twice in 3 seconds buzzer beeps 10 seconds every hour.	● ● ○	🔊
Emergency LED driver failure	Red LED rapidly flashes 3 times in 3 seconds buzzer beeps 10 seconds every hour.	● ● ●	🔊
Healthy condition	Green LED is constantly on	● ● ● ● ●	✗
Battery charge	Green LED slowly flashes once every second	● ● ● ● ●	✗
Battery discharge	/	/	✗
Monthly test	Green LED slowly flashes once in 3 seconds	● ○ ○	✗
6 month test	Green LED flashes twice in 3 seconds	● ● ○	✗
12 month test	Green LED quickly flashes 3 times in 3 seconds	● ● ●	✗

### Emergency mode light output compared with normal operation:

3W Luminaire Power	5W	7W	10W	12W	15W	20W	25W	30W	35W	40W	45W	50W	
	60%	43%	30%	25%	20%	15%	12%	10%	9%	8%	7%	6%	
6W Luminaire Power	7W	10W	12W	15W	20W	25W	30W	35W	40W	45W	50W	60W	
	85%	60%	50%	40%	30%	24%	20%	18%	16%	14%	12%	10%	

The driver automatically adjust the output LED current to provide the best optimum match between the battery and the load, providing maximum illumination whilst ensuring full battery duration.

### Warnings:

1. Make sure that the product is installed properly before connecting to electricity.
2. Do not cover the fitting.
3. Maintenance and installation should only be carried out by a professional electrician.