

USER GUIDE

KITEMLED6024

Emergency kit for strip LED 24Vdc

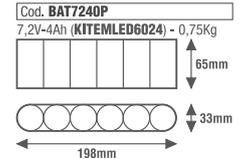
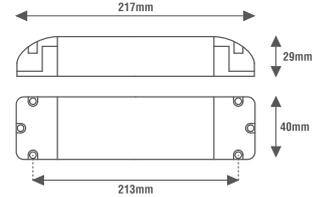


General Characteristics

Plastic case
Electric class protection II
Protection degree IP20
Multi-function LED charging indicator (included)
Test push-button (included)

Technical Features

Input voltage range 220-240Vac
Input frequency 50±60Hz
Maintained or non maintained operation
Constant voltage output 24±24Vdc
Compatible with strip LED (max 60W)
Compatible with LED module (max 60W)
Automatic operation
Input for remote inhibition
«High temperature» Ni-Cd battery
7,2V-4Ah battery (included in the kit)
Battery charging current: 200mA
Autonomy: 3h
Protection device against extensive discharge
Recharging time 24h
Operating ambient temperature Ta -10°C + +50°C
Maximum temperature at the Tc point 70°C



Battery 7,2 V 4Ah
LEF KITEMLED6024
Led PRI:220..240Vac 50..60Hz 0,14A
SEC:22..24Vdc 60W max Emer.Op.
SEC:22..24Vdc normal operation
Battery 7,2V 4Ah Charge 200mA
Power factor 0,6
Test
Local inhibition Operating time: 1h@60W(flux 22%) 3h@60W(flux 10%)
Rest Mode 5..12V Ta -10..+50°max
www.lef Lighting.it MADE IN ITALY
2020

CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Strip LED 24Vdc Strip (W)	Moduli LED 24Vdc Modules (W)	Tensione di uscita in emergenza Voltage output in Emergency (Vdc)	Batteria Battery	Autonomia Autonomy (h)		Corrente Batteria Battery current (A)	EBLF (%)	Peso Weight (g)
							@60W flux22%	@60W flux10%			
KITEMLED6024	220-240	50÷60	60	60	22÷24	Cod. BAT7240P 7,2V-4Ah	1	3	2,5	100	950

ATTENTION: BEFORE CONNECT THE BATTERY TURN OFF THE SYSTEM AND INSERT J1 JUMPER. REMOVE THE JUMPER WHEN THE SYSTEM IS COMPLETED

ATTENTION - Installation advices

Make all system connections and insert the jumper J1 "local inhibition" before any battery is connected.

Connect then the battery to the driver respecting polarity. Place battery away from heat sources and also from the driver.

Battery is ready for use after 30 hours charge. Battery replacement after 4 years or 500 life cycles.

For system operation give tension and remove the "local inhibition" jumper J1

Make periodically (every three months) a discharge and recharge cycle of the battery to get the maximum efficiency and duration of the system.

System check by the test push indicated.

Before making any maintenance to the system, insert the "local inhibition" jumper J1 and disconnect main power and battery as well.

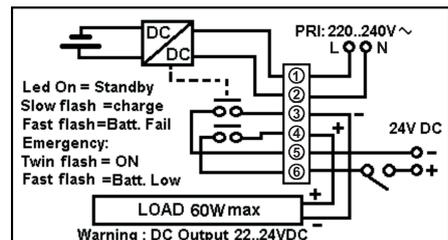
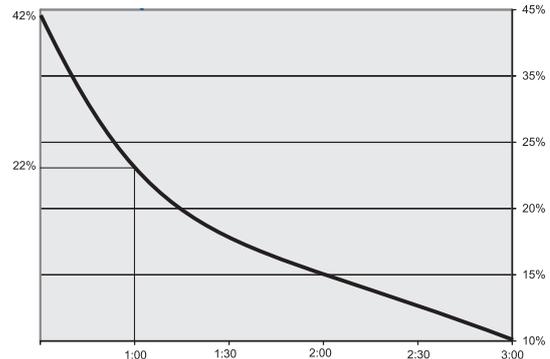
CONNECTIONS

1-2 main input for battery charger. Activation threshold according to standard EN60598-2-22. Tension always on.

3- 4 Led load: **max 60W. In emergency mode consider 42% of the nominal power down to 10% after 3 hours operation, no matter the load connected.**

5-6 In standard operation load is powered by 24V driver.

Output flux (%) vs Discharge time (h)



Led Status

ON	Ready OK
Slow	Charge
Fast	Low battery/ Fault
2X	Emergency status

Reference standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-7
EN 61547

PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE
AEE identification nr.IT1804000010321



Made in Italy

LEF LIGHTING S.R.L. | www.leflighting.it

Via Rodolfo Morandi, 9/11 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 0554217727 - Fax +39 0554217719

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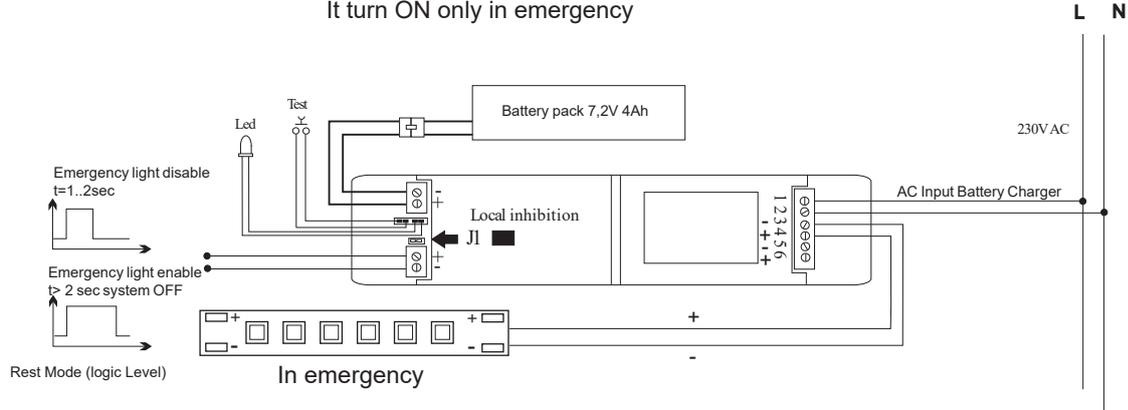
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CONNECTION DIAGRAMS



NON-MAINTAINED (ONLY EMERGENCY)

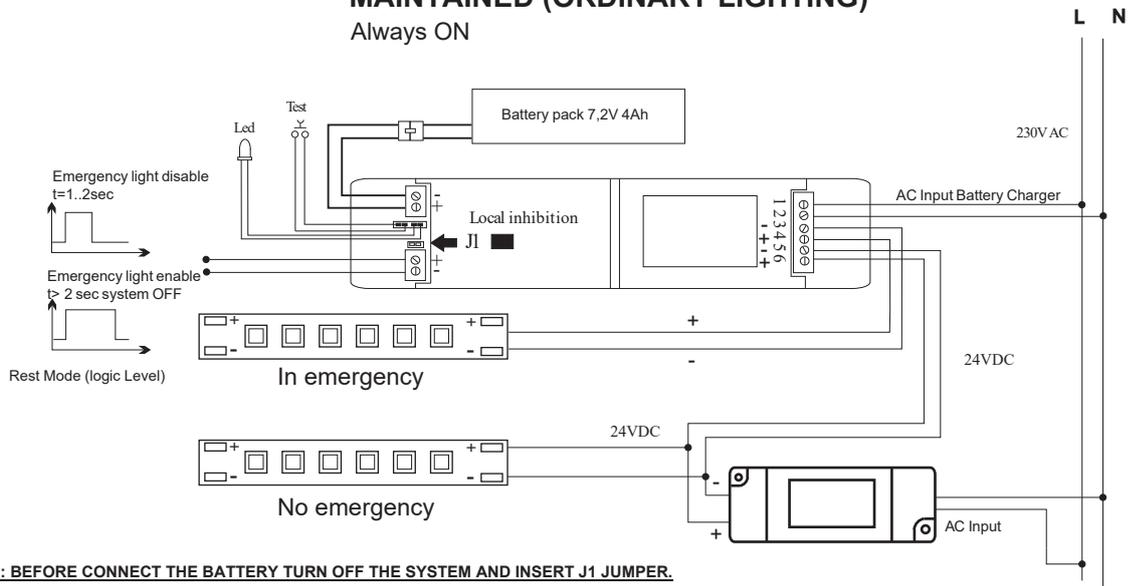
It turn ON only in emergency



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MAINTAINED (ORDINARY LIGHTING)

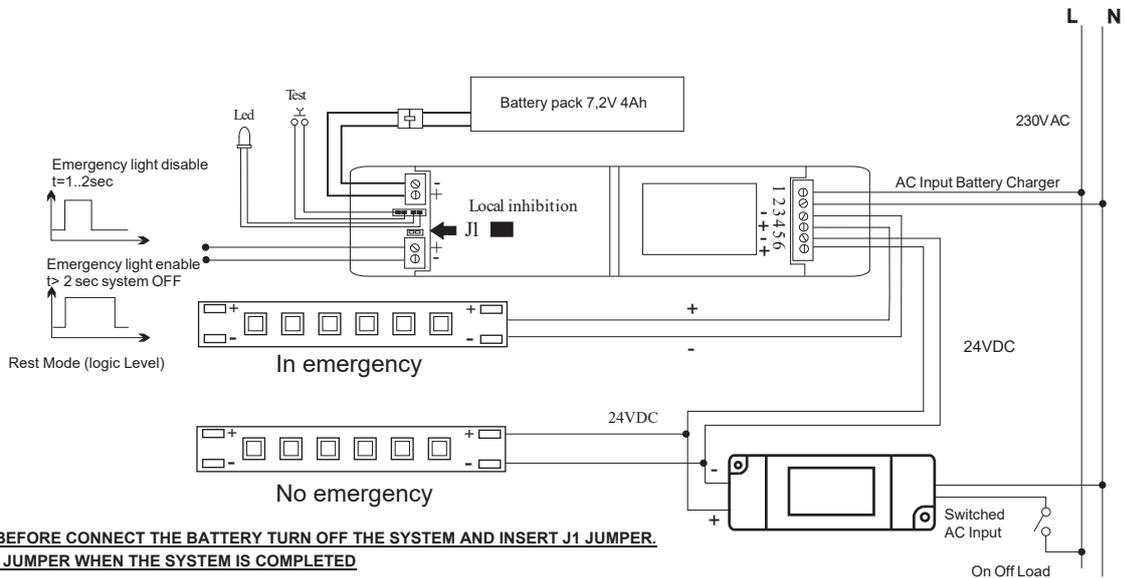
Always ON



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WITH SWITCH (ORDINARY LIGHTING)

The load is controlled by a switch on the driver input. Always It turn ON in emergency



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[AA] REV. v1.10 17/02/2021