EMERGENCY KIT PANEL/DOWNLIGHT 3H AUTOTEST

PRAGMALUX PROFESSIONAL LIGHTING

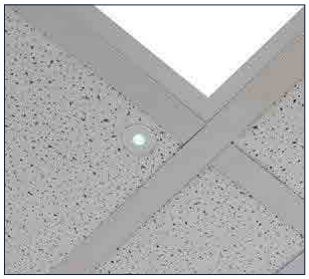
KEY FEATURES

Emergency kit for LED Panels and Downlights.

LFP · LED · 16 · 3 · IP20 · 180min · SELE · 220-240

EN 18 · 3 PRAGMALUX YEAR WARRANTY

DETAILS



STANDARDS

IEC 61347-1
IEC 61347-2-7
EN 62034
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3
EN 62493
AS/NZS 60598-2-22
AS2293.3

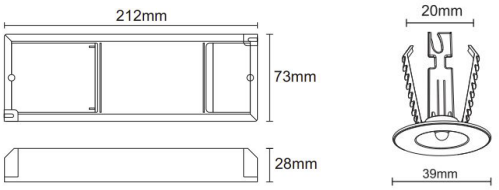
TECHNICAL DATA

- Input rated voltage: 220-240V AC, 50-60Hz
- AC input current: 50mA max
- AC Input power rated 4.0 W max
- Power factor: >0.5
- Charge time : 16 hours
- Charge mode: trickle re-charging on battery.
- Output emergency power 3 Watt DC10...50V (3-15 LEDs) constant power output.
- Output voltage DC10...50V, DC55V max(SELV)
- Battery capacity (LiFePO4) 2200mAh
- Battery Charging Current: 0-250mA
- 3 hours rated duration
- Max. casing temperature tc 70ºC
- Lumen Factor: 120lm/W - 360lm

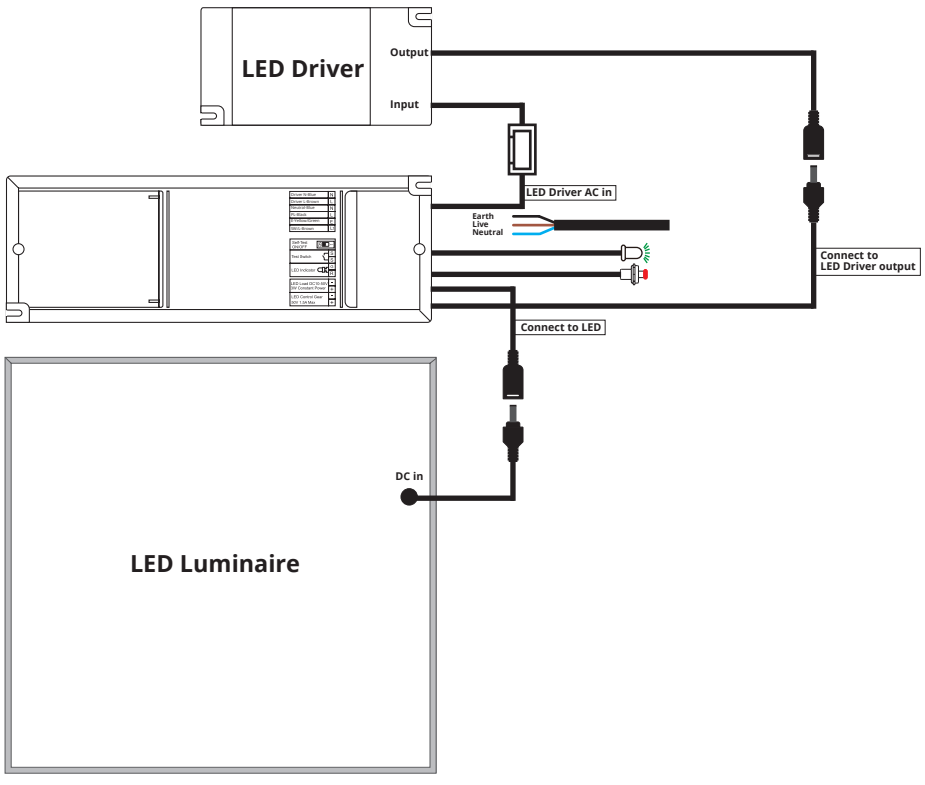
SPECIFICATIONS

ITEM CODE	DESCRIPTION
1000282	Emergency Kit for Panels & Downlights 3 Hours Autotest

DIMENSIONS



WIRING DIAGRAM



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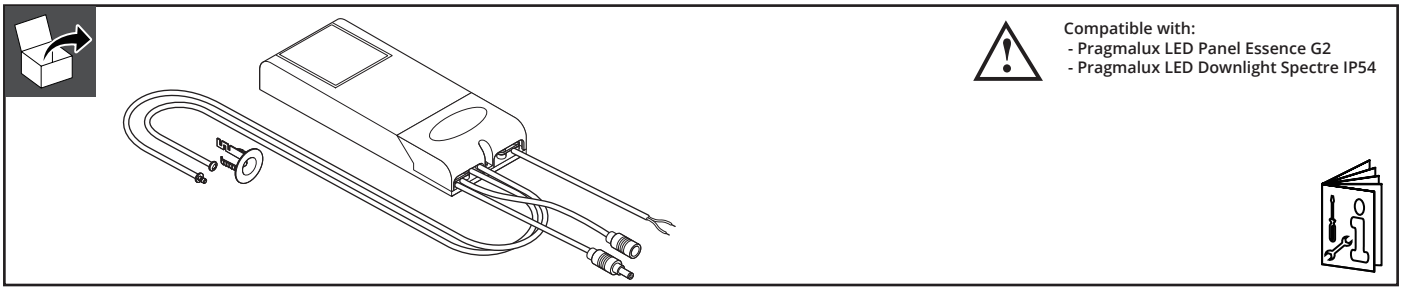
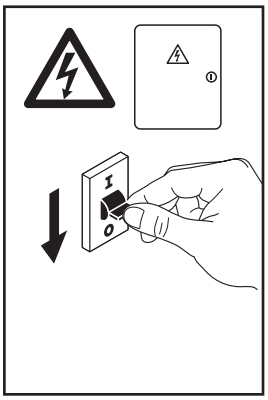
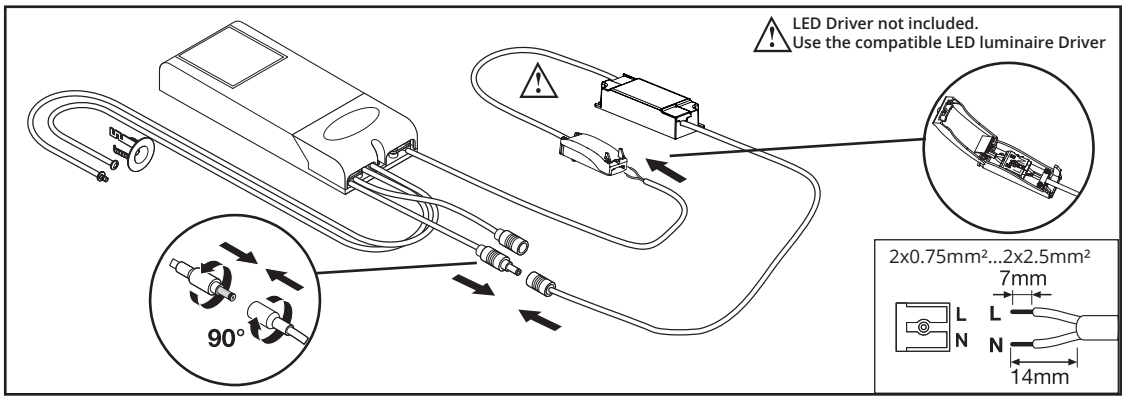
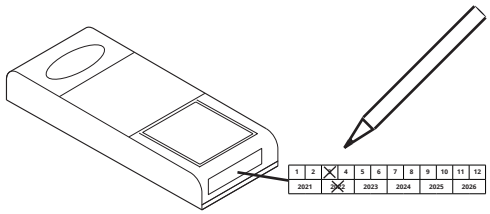


Compatible with:
- Pragmalux LED Panel Essence G2
- Pragmalux LED Downlight Spectre IP54

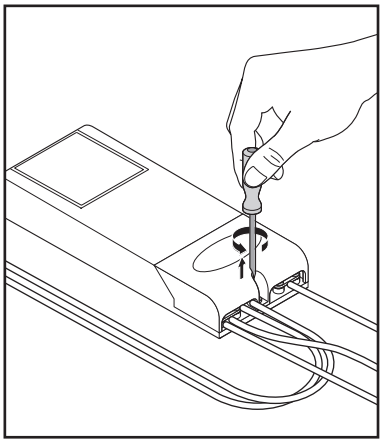


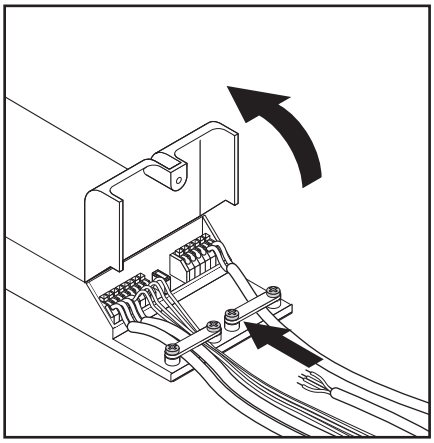


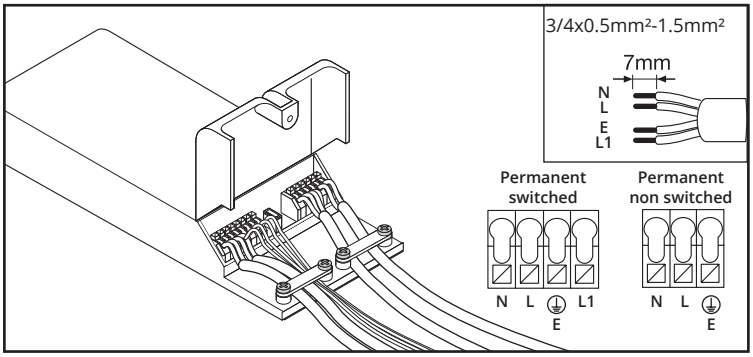
Installation date

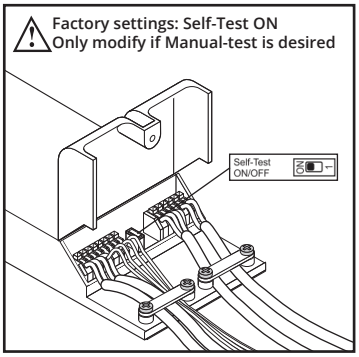


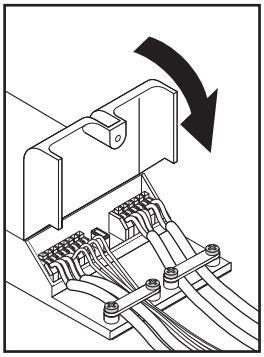
1	2	3	4	5	6	7	8	9	10	11	12
2021		2022		2023		2024		2025		2026	

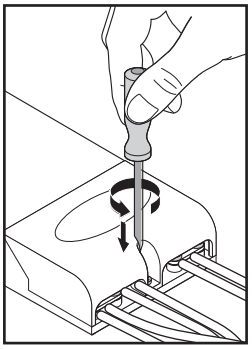


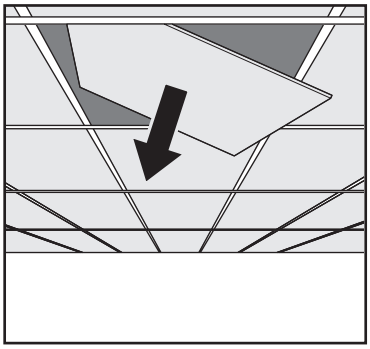


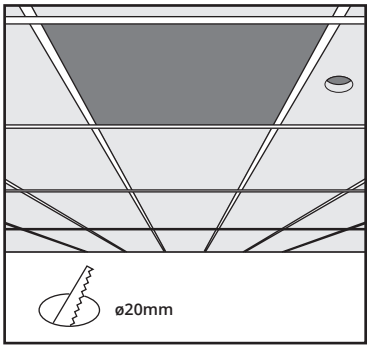


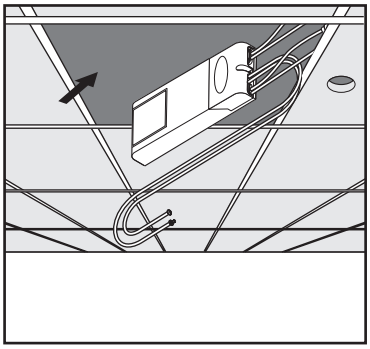












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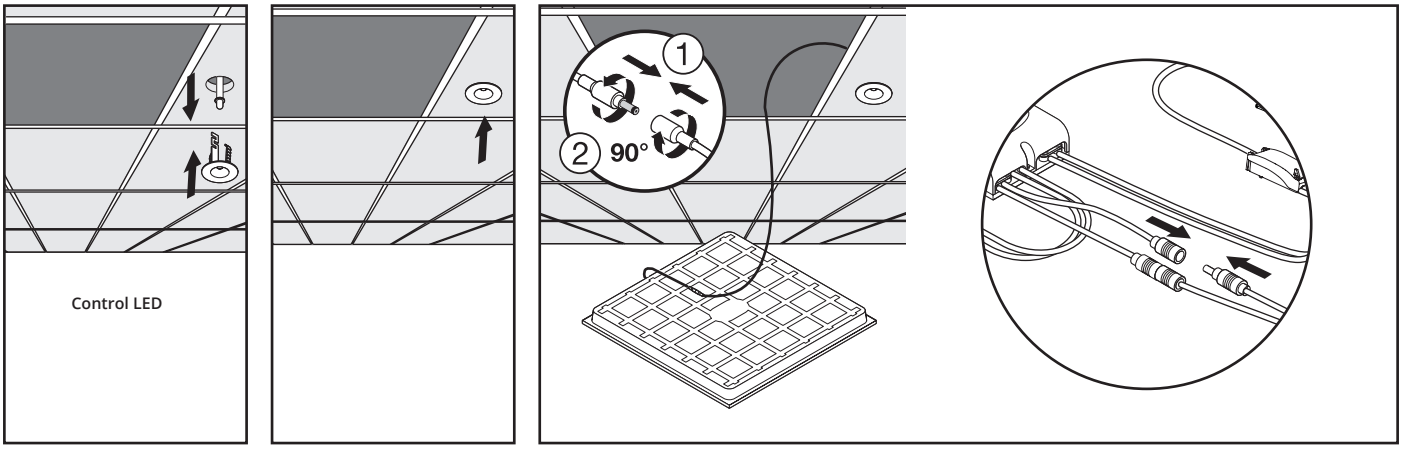

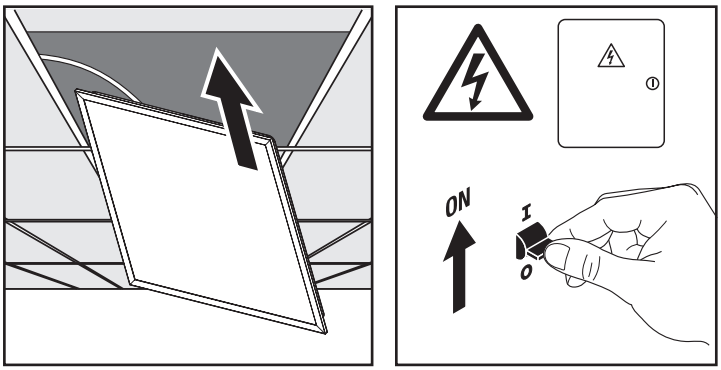

Self-test

Initial test
Connect the led load, emergency module, battery and led driver, then connect the mains supply. The emergency conversion module will automatically start to do an initial test, checking if the led load, battery, led driver and emergency module itself are working properly or not. If not, the red led indicator would start flashing. If the iniital test went properly, the kit will go on charging mode.

Functional test
Functional tests are carried out automatically every 30 days, for 10 seconds.

Duration test
The emergency conversion module will automatically make a full duration test every 180 calendar days to check the battery capacity.

Note
If the main supply is off during the self-test period, the emergency conversion module would immediately finish the self-test and it will go into the emergency mode.

Timer reset functionality
The function and duration timer test can be set into 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 the emergency mode, by pressing the test button for more than 3 seconds.

Manual-test

The test button is an open switch, if it's pressed it connects, after it's releast, it cuts off automatically. When doing the daily maintenance, if the button is pressed, the emergency driver goes into emergency mode, if the button is released, the emergency driver will go back to normal mode.

LED Indicator

- Green fast flash (0.1 second on, 1 second off), charging mode
- Green slow flash (0.1 second on, 6 second off), self test underway, including function test and duration test
- Green stable: battery fully charged
- Red flash, failure (including load failure, charging failure, battery failure)
- Green and red off, DC mode (battery operation, emergency mode)

Warning

Only qualified electrician is allowed to do installation, maintenance and inspection for safety concern. It is dangerous for non-professional operators.
Power should be cut off before installation, maintenance or inspection.
Please install and use the product strictly according to the instruction.
Do not disassemble or remold the product at will to avoid accident of electric shock or light falling.

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