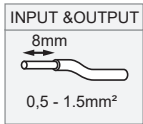
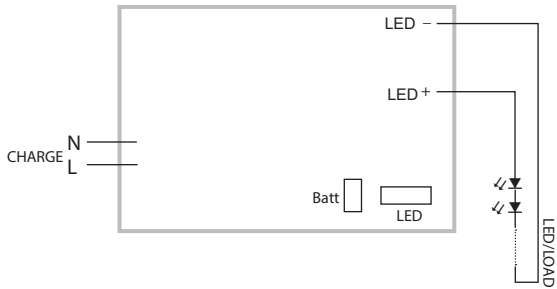


Back up unit for LED 1h DE

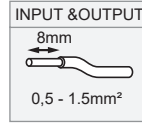
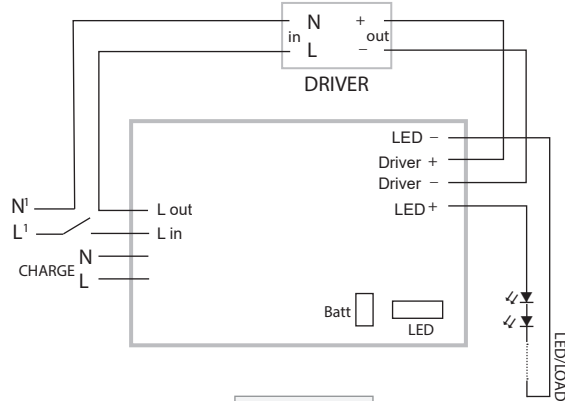
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WIRING DIAGRAMS

NON-MAINTAINED: EMERGENCY ONLY



MAINTAINED: WITH EXTERNAL ELECTRONIC DRIVER



ELECTRICAL CHARACTERISTICS

NOMINAL INPUT VOLTAGE RANGE AC

220 - 240V

INPUT FREQUENCY RANGE

50...60HZ

MAXIMUM OUTPUT POWER

3W

TEMPERATURE

Tc = 65°C
Ta = 5°C...+50°C

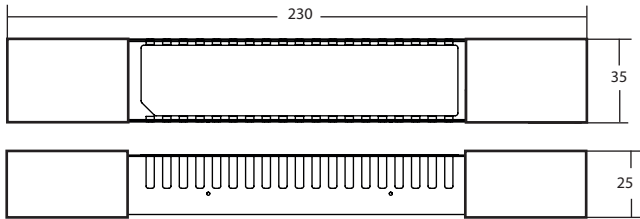
CHARGE TIME

24h

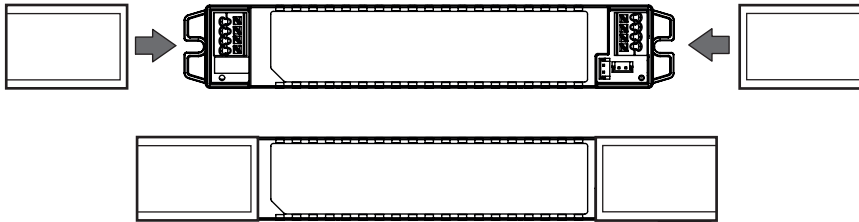
OPERATING TIME

1h

DIMENSIONS



MOUNT STRAIN RELIEFS



REMARKS

- ⚠ Keep battery not connected to the emergency kit until the final installation of the system.
- ⚠ Do not stock battery and kit connected together.

Respect polarity for installation of battery and LED luminaire.
Connect battery and LED light connector to the corresponding connector on the back-up unit.
Max distance between emergency kit and lamp: 2 meters.
Keep batteries away from heat source.
Do not connect any external battery charger.
Please check wire diagrams before installing.
Can be used for lighting equipment in protection class I and II.
Instant emergency operation at mains failure.
LiFeP04 battery

FIXTURES & ACCESSORIES

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Back up unit for LED 1h DE

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BACK-UP UNITS - EMERGENCY LIGHT OUTPUT

	Typical drive current	Emergency light output compared to light output at typical current
Chival Wall Up/Down 292 2x LED DE	500mA	26%
Chival Wall Up/Down 292 2x LED WD DE	250mA	28%
Dent Wall Up/Down L 1x LED DE	350mA	14%
Dent Wall Up/Down M 1x LED DE	350mA	14%
Dent Wall Up/Down S 1x LED DE	350mA	31%
Extruded Stripped Suspended 46 1x LED DE	500mA	26%
Extruded Suspended 46 1x LED DE	500mA	26%
Extruded (Stripped) Suspended 46 1x LED WD DE	350mA	37%
Gamin Jack 1x LED DE	500mA	29%
Gamin Jack 1x LED WD DE	350mA	37%
Hipy Round Recessed 110 1x IP67 LED DE	500mA	24%
Hipy Round/Square Recessed 70 1x IP67 LED DE	350mA	57%
Hollow Recessed (Trimless) Adjustable 1x LED DE	500mA	26%
Impulse Square/Round Wall 1x IP44 LED DE	500mA	32%
Julien Round Floor Adjustable 1x IP54 LED DE	500mA	32%
K 120 Recessed Adjustable 120 1x LED DE	500mA	14%
K 72 Recessed Adjustable 72 1x IP55 LED DE	500mA	24%
K 77 Recessed Adjustable 77 1x LED DE	500mA	24%
Lotis Round Recessed 82 1x (Concrete) M-LED DE	500mA	24%
Lotis Round Recessed 86 1x IP55 M-LED DE	500mA	24%
Lotis Round Recessed Adjustable 97 1x (Concrete) M-LED DE	500mA	24%
Marbul Recessed Adjustable 115 1x/2x LED DE	500mA	24%
Marbul Recessed Adjustable 115 1x/2x LED WD DE	350mA	20%
Marbul Suspended (Adjustable) 109 1x LED DE	500mA	24%
Marbul Suspended (Adjustable) 109 1x LED WD DE	350mA	20%
Marbulito Jack Adjustable/Suspended 41 1x LED DE	500mA	40%
Medard Jack Adjustable 42 1x LED DE	700mA	17%
Medard Jack Adjustable 42 1x LED WD DE	350mA	37%
Medard Recessed 42 1x LED DE	500mA	40%
Medard Recessed 42 1x LED DE	350mA	37%
Medard Recessed 70 1x LED DE	500mA	24%
Medard Recessed 70 1x LED DE	350mA	20%
Medard Semi-Recessed Adjustable 42 1x LED DE	700mA	17%
Medard Semi-Recessed Adjustable 42 1x LED WD DE	350mA	37%
Medard Semi-Recessed Adjustable 70 1x LED DE	500mA	15%

	Typical drive current	Emergency light output compared to light output at typical current
Medard Semi-Recessed Adjustable 70 1x LED WD DE	350mA	20%
Medard Stretched Semi-Recessed Adjustable 70 1x/2x LED DE	500mA	15%
Medard Stretched Semi-Recessed Adjustable 70 1x/2x LED WD DE	350mA	20%
Mini-Multiple Recessed (Trimless) Adjustable 1x LED DE	500mA	24%
Mini-Multiple Recessed (Trimless) Adjustable 2x LED DE	500mA	24%
Mini-Multiple Recessed (Trimless) Adjustable 3x LED DE	500mA	24%
Mini-Multiple Recessed (Trimless) Adjustable 4x LED DE	500mA	24%
Minude Jack Adjustable/Suspended 45 1x LED DE	500mA	26%
Minude Jack Adjustable 45 1x LED Spot DE	500mA	32%
Minude Out Recessed 49 23 1x LED DE	500mA	26%
Minude Out Recessed 49 23 1x LED Spot DE	500mA	32%
Minude Recessed 56 1x LED DE	500mA	26%
Minude Recessed 56 1x LED Spot DE	500mA	32%
Minude Recessed Trimless 49 1x LED DE	500mA	26%
Minude Recessed Trimless 49 1x LED Spot DE	500mA	32%
Minude Semi-Recessed Adjustable 45 1x LED DE	500mA	26%
Minude Semi-Recessed Adjustable 45 1x LED Spot DE	500mA	32%
Minude Suspended 45 1x DE	500mA	26%
M-LED Module 50/70 1x LED DE	500mA	24%
M-LED Module 50/70 1x LED WD DE	350mA	37%
M-LED Module 111 1x LED DE	500mA	15%
Modest Recessed 74 1x IP55 LED Medium DE	500mA	29%
Nyto Semi-Recessed Adjustable 30 1x LED DE	350mA	37%
Nyto Semi-Recessed Adjustable 30 1xLED Spot DE	350mA	46%
Nyto Semi-Recessed Adjustable 30 1x LED WD DE	350mA	37%
Nyto Semi-Recessed Adjustable 40 1x LED DE	500mA	26%
Nyto Semi-Recessed Adjustable 40 1xLED Spot DE	500mA	32%
Nyto Semi-Recessed Adjustable 40 1x LED WD DE	250mA	28%
Nyto Semi-Recessed Adjustable 50 1x LED DE	900mA	26%
Nyto Semi-Recessed Adjustable 50 1xLED Spot DE	700mA	26%
Nyto Semi-Recessed Adjustable 50 1x LED Super Spot DE	700mA	32%
Nyto Semi-Recessed Adjustable 50 1x LED WD DE	250mA	28%
Placebo Suspended Up/Down 60 1x LED DE	350mA	37%
Placebo Suspended Up/Down 60 1x WD LED DE	350mA	31%
Pupil Recessed Adjustable 72 1x LED DE	700mA	29%

	Typical drive current	Emergency light output compared to light output at typical current
Pupil Recessed Adjustable 72 1x LED WD DE	350mA	37%
Qbini Fix/Adjustable/Asy Recessed 1x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed 2x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed 3x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed 4x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed Trimless 1x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed Trimless 2x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed Trimless 3x LED DE	500mA	40%
Qbini Fix/Adjustable/Asy Recessed Trimless 4x LED DE	500mA	40%
Qbini General 2x LED DE	500mA	32%
Qbini General 4x LED DE	500mA	19%
Rektor Semi-Recessed Adjustable 78x78 1x LED DE	500mA	15%
Rektor Semi-Recessed Adjustable 78x78 1x LED WD DE	350mA	20%
Rektor Semi-Recessed Adjustable 54x46 1x LED DE	350mA	37%
Rektor Semi-Recessed Adjustable 54x46 1x LED WD DE	350mA	37%
Shellby Recessed (Trimless) 176/184 1x LED DE	500mA	26%
Shellby Recessed (Trimless) 176/184 1x LED WD DE	350mA	20%
Smart Cake/Kup/Lotis/Lotis Asy 48 (IP55)1x LED WD DE	250mA	52%
Smart Cake/Kup/Lotis/Lotis Asy Recessed 48 1x HO IP55 LED DE	500mA	40%
Smart Cake/Kup/Lotis Recessed (Adjustable) 82 1x LED DE	500mA	24%
Smart Cake/Kup/Lotis Recessed (Adjustable) 82 1x LED WD DE	350mA	37%
Smart Cake/Kup/Lotis Recessed 115 1x (IP54) (Diffuse) LED DE	500mA	15%
Smart Cake/Kup/Lotis Recessed Adjustable 115 1x LED DE	500mA	24%
Smart Cake/Kup/Lotis Recessed Adjustable 115 1x LED WD DE	350mA	20%
Smart Cake/Kup/Lotis Recessed 160 1x IP55 (Diffuse) LED DE	900mA	8%
Tetrix 1x LED DE Frame Round 74	500mA	29%
Tetrix 1x LED Spot DE Frame Round 74	500mA	32%
Tetrix 1x LED WD DE Frame Round 74	250mA	28%
Tetrix 1x LED DE Recessed Ring 62 Trimless	500mA	29%
Tetrix 1x LED Spot DE Recessed Ring 62 Trimless	500mA	32%

- UNIT DOES NOT FIT THROUGH CUTOUT HOLE OF FIXTURE
- DEPENDING MOUNTING ACCESSORY UNIT MAY NOT FIT THROUGH CUTOUT HOLE

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Back up unit for LED 1h DE

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BACK-UP UNITS - EMERGENCY LIGHT OUTPUT

[illegible]

UNIT DOES NOT FIT THROUGH CUTOUT HOLE OF FIXTURE

DEPENDING MOUNTING ACCESSORY UNIT MAY NOT FIT THROUGH CUTOUT HOLE

FIXTURES & ACCESSORIES

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