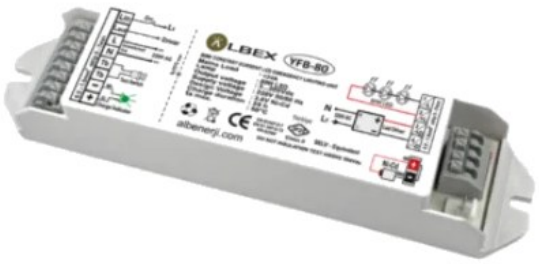
HARMONY
Energy Lighting Solutions

EMERGENCY LIGHTING KIT

YFB-80

Product code: 20 01 AC KT 003



Professional emergency lighting solution for 3–200 V DC constant current LED luminaires

YFB-80 is an emergency conversion kit for 3–200 V DC constant-current LED luminaires, supporting LED loads up to 80 W. During a power failure it switches the luminaire to emergency mode for up to 3 hours on a 3.6 V Ni-Cd/Ni-MH battery. It adds escape-route lighting to existing luminaires without replacing them.

MAX. POWER	EMERGENCY DURATION	BATTERY
80 W	**1–3 hours**	**3,6 V Ni-Cd / Ni-MH**

IP 20

KEY FEATURES

- For 3–200 V DC LED luminaires
- Maximum 80 W LED load support
- Provides uninterrupted illumination for 1 to 3 hours during power outages
- Constant output at full brightness for the first 90 minutes
- Over-discharge & reverse polarity protection
- Optional test button with green LED charge indicator
- Tolerance to operating temperatures between –10 °C and +50 °C

APPLICATION AREAS

Office · Hotel · Hospital · Industrial

Ideal for LED lighting systems in offices, hotels, hospitals and industrial facilities, ensuring safe evacuation during power outages.

TECHNICAL DATA

Model	YFB-80
Brand	Albex
Input voltage	220–240 V AC
Output voltage	3–200 V DC
Maximum power	80 W
Battery	3,6 V Ni-Cd / Ni-MH
Emergency duration	1–3 hours
Operating frequency	50–60 Hz
Operating temperature	–10 °C … +50 °C
Lamp type	LED
Standards	EN 61347-1, EN 61347-2-13, EN 55015, EN 61547

Technical values are subject to a ±10% tolerance. Efficacy is calculated by dividing luminous flux by nominal power. Harmony ELS reserves the right to make changes to products without prior notice.

Harmony ELS Energy Lighting Solutions
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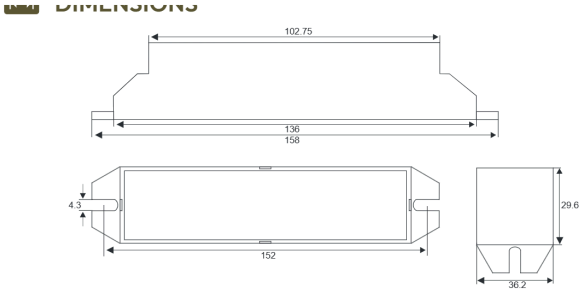
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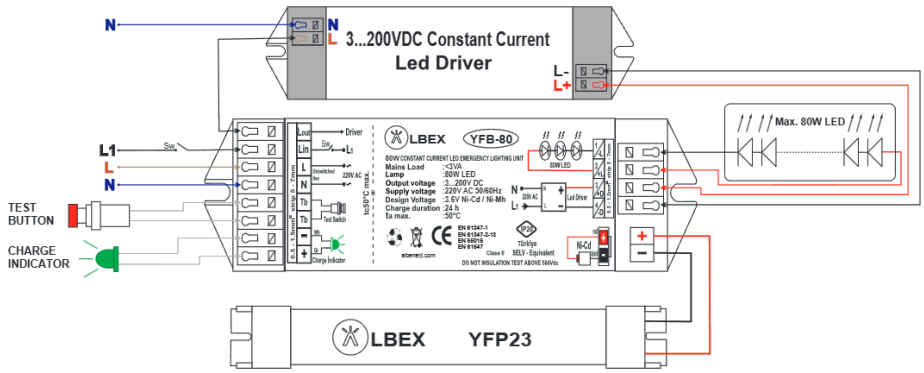
BATTERY OPTIONS

Product code	Duration	Battery	Battery code
YFB-80 01 1H	1 h	3.6 V / 800 mAh	YFP01
YFB-80 13 2H	2 h	3.6 V / 1500 mAh	YFP13
YFB-80 23 3H	3 h	3.6 V / 2200 mAh	YFP23

DIMENSIONS (MM)



WIRING DIAGRAM



Up-to-date information and all options
https://harmonyels.com/en/product/yfb-80

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