

Non maintained GR-77 electronic ballast with GR-84 1W spot LED



TECHNICAL CHARACTERISTICS	KIT-77/84
OPERATION VOLTAGE	220-240V AC/50-60Hz
MAXIMUM POWER CONSUMPTION	2.5W / 6VA
BATTERIES C-930/HT	4,8V/1,2Ah (Ni-MH)
BATTERY PROTECTION	From overcharge and full discharge
INDICATIONS	Battery charging LED
CHARGING TIME (maximum)	24h
MINIMUM AUTONOMOUS DURATION	3h
ILLUMINATION SOURCE	White power LED/140lm
DEGREES OF COVER PROTECTION	IP 20
PRODUCED IN ACCORDANCE WITH	EN 55015, EN 61547, EN 61000-3-3, EN 61000-3-2, EN 60598-1, EN 60598-2-22
OPERATION TEMPERATURE RANGE	0 to 40 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIALS	Bayblend FR3010
EXTERNAL DIMENSIONS	175 x 32 x 22 mm
TYPICAL WEIGHT	120gr. (with no battery)
GUARANTEE	3 years (1 year for the battery)

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GENERAL

The KIT-77/84 includes an electronic converter that supplies the GR-84 (external spot light), charges and maintains the external battery, forming one non maintained luminaire.

The internal processor manages the battery's charging and discharging in the best way possible to ensure longevity. When the mains is interrupted, the device is automatically switched to backup operation, supplying the external spot light from the battery. The device includes a high performance switcher that insures the stable power supply to its circuits, immunizing its operation from the variations of the mains power supply.

INSTALLATION

To install the device perform the connections (figure 1).

ATTENTION!!!

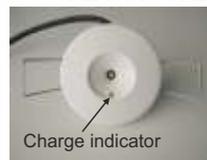
1. Operations for installation, maintenance or testing must be done by authorized personel only.
2. The device must be connected to the mains power supply thru a fuse dependent by the total amount of the line's power load.

3. It is suggested to check every 6 months the minimum autonomous duration by disconnecting the mains power supply. Count the time that the lamp lights and in case of less time than the minimum autonomous duration the battery must be replaced. If the measured time is considerably less than the minimum autonomous duration contact the installer. In case of battery or lamp (GR-84) replacement, these must be replaced by parts of the same type.

4. In case of inactive use for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.

5. **It is not allowed to discard batteries in to common trash bins, they must be discarded only in battery recycling points. Do not incinerate.**

PLACING THE (GR-84) SPOT LIGHT



For i.e Ø46mm hole in the suspended ceiling place the spot light as is.



For i.e Ø53mm hole in the suspended ceiling place the included plastic rosette.



Figure 1



- (optional) TEST button
- connections
- GR-84 cable connection
- battery's connection