

# GR-60

# Portable rechargeable HOME LIGHT



## TECHNICAL CHARACTERISTICS

OPERATION VOLTAGE	220-240V AC/50-60Hz
MAXIMUM POWER CONSUMPTION	3VA
BATTERY (Ni-Cd)	3.6V/1Ah
BATTERY PROTECTION	From overcharge and deep discharge
INDICATIONS - CONTROLS	Battery charging LED, TEST button
CHARGING TIME	24h
DURATION (adjustable)	4-14 hours
ILLUMINATION SOURCE	12 white LED's
ILLUMINATION	230V: 40lm / back up: 23-80lm (max.)
DEGREES OF COVER PROTECTION	IP 20
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-4, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
OPERATION TEMPERATURE RANGE	0 to 40 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIALS	Bayblend FR3010, transparent polycarbonate
EXTERNAL DIMENSIONS	225 x 77 x 58 mm
TYPICAL WEIGHT	470gr
GUARANTEE	3 years (1 year for the battery)

Thank you for purchasing this product of Olympia Electronics. A European manufacturer.

### GENERAL

The unit consists of two sections, the charging base and the detachable illumination unit. The light source of the unit consists of white colored high illumination LEDs. These LEDs light from either the mains power supply, when the luminaire is on its base, or from the built in rechargeable batteries. The device offers a dimming capability by using the incorporated push button.

The incorporated photo-sensor permits the unit to light only in the dark. By default, this sensor is disabled. To enable the photo-sensor function see the section **“Photo sensor activation-deactivation”**.

### Mounting-Operation

The unit can either be mounted on a wall or placed on a table. If the unit is detached from the charger then it automatically switches to emergency operation and can be carried using the convenient carrying handle.

Re-insert the luminaire on its base in order to charge the batteries (figure 1).

### Charging for the first time

To use the device for the first time, wait for 15 minutes. To use the luminaire in full autonomy, charge the batteries for at least 24 hours. The charging indication is showed by the green indicator inside the diffusor.

### Push button operation

To turn ON the luminaire, press the push button momentarily. To turn OFF the luminaire press again the push button momentarily. The setting is automatically stored into memory. A different operation mode (ON or OFF) can be selected when the device is charging or when it is removed from it's base(or during a power failure) by using

the push button. For example, to make the device light when it is on its base(charging) and also light when it is removed from it's base(or during a power failure), do the following:

1. Place the unit on it's base and make sure it is charging(the green led is ON)
2. Press the button so that the white LEDs light.
3. Remove the unit from the base.
4. Press the button so that the white LEDs light.

Now the unit will light when charging and also light when removed from the base.

You can do the same for other types of operations. If the phot-sensor is enabled then this operation (ON-OFF) is functional only at night.

### Light level adjustment (Dimmer)

Remove the unit from the base and press the button so that the white leds are turned OFF. Press and hold the push button for more than 2 seconds until the white LEDs light. Release the push button and press again continuously until the desired light level has been reached. Release the push button and wait. In a few second the leds will go OFF and the light level setting is stored in the memory. If the push button is pressed again to turn ON the leds, the leds will light with the light intensity that was selected. The same can be done with the unit on it's charging base. This way we can have a different light level when the unit is on it's charging base and a different light level when the units is not on the base (or during a power failure). The light level decreases from the highest level to the lowest level. In order to increase the light level, release and push the button again. Once the desired light level has been reached, release the push button and the current setting will be stored into memory after 3 seconds. This setting is retained into memory until a new setting is stored.

### Battery duration and operation

When the unit is removed from its base, the charging stops and the unit automatically enters the backup operation. Observe that the illumination is automatically increased to the maximum level. To decrease the light level, press the push button continuously until the desired level has been reached. By decreasing the light level, the autonomous duration is increased.

Each time the unit enters backup operation, the illumination level is automatically set to maximum. If the unit is in backup operation for a time period that exceeds the above mentioned times, then the LEDs will go OFF in order to protect the battery from deep discharge. In this state the unit is completely inoperative and a complete 24 hour charge is required until its next use.

#### Photo-sensor activation - deactivation

By default the photo-sensor is deactivated. This means that the unit will light if it is in the ON state. If the photo-sensor is activated then the unit will light only in the dark and if it is in the ON state. To activate or to deactivate the photo-sensor follow the same procedure as mentioned below:

Remove the unit from the charging base. Press the push button so the white LEDs turned OFF. Release the button and press again continuously. In 2 seconds the LEDs will light. Continue pressing the push button for 6 more seconds until the LEDs blink briefly.

If the photo-sensor function was disabled then with this procedure it will be enabled. The same procedure is used to disable the photo-sensor function.

#### Mounting on the wall

There are two notches on the charging base which are used to pass the mounting screws (figure 2).

#### Attention

- The luminaire is suitable for indoor use.
- When placing the unit on the charging base, ensure that the charging LED lights.
- If the unit is not used for long periods of time, leave it on the charging base in order to keep the batteries charged.
- Do not mount the unit at a distance of less than 50 cm from a wall corner in order to avoid photo-sensor disturbances.
- When placing the unit on the charging base, align the pins of the unit to the respective pins on the base and press gently. Do not exert excess force.
- **Replaced batteries must not be thrown into trash bins. They must be returned to special battery disposal points. Do not incinerate.**

- When the mains cable is damaged, this must be replaced by our SERVICE department or by an authorized technician.

#### NOTE!!

**After finishing the installation you must power the luminaire at least for 24 hours for battery charging to perform the named autonomy.**

*If the autonomous duration time is considerably less than nominal, the battery must be replaced with a new one with the same type.*

#### Battery replacement procedure (figure 3).

1. Detach the luminaire from its base figure 1.
2. Unfasten the 2 mounting screws of the rear plastic and remove it.
3. Remove the battery and place a new one with the same type and connect it as shown in the picture.
4. Refit the rear plastic and fasten the removed screws in step 1.

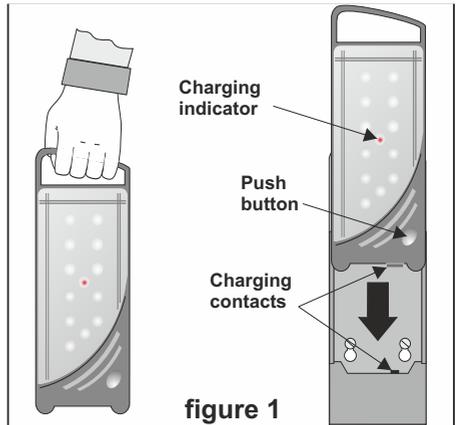


figure 1

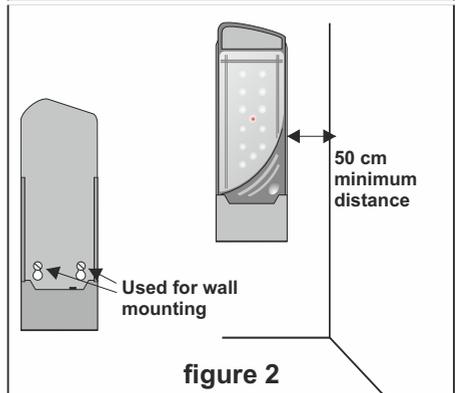


figure 2

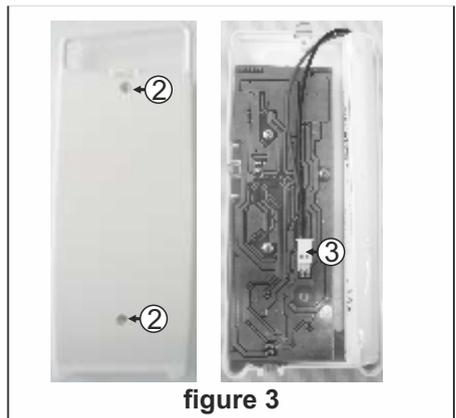


figure 3