

The RTH can be used as an emergency luminaire, the light source consists of a new generation of 11 high luminosity LEDs, which offer increased duration and low consumption. The RTH11 consists of two sections, the charging base and the detachable illumination unit. The light source are 11 white 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 RTH11 offers a dimming capability by using the incorporated push button and 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”. This portable emergency lighting unit is an ideal solution in the domestic environment.



Mounting

The unit can either be mounted on a wall or 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.

Charging for the first time

To use the device for the first time, charge the batteries for twenty-four hours. The charging of the batteries is indicated with a red LED.

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. If the photo-sensor is enabled then this operation (on – off) is functional only at night.

Light level adjustment (Dimmer)

Press and hold the push button for more than 2 seconds until all LEDs light. Release the push button and press again until the desired light level has been reached. 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.

Emergency duration and operation

When the unit is removed from its base, the charging stops and the unit automatically enters emergency 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 emergency operation, the illumination Level is automatically set to maximum.

	Illumination	Duration
RTH11	Maximum	14 Hours
	Minimum	4 Hours

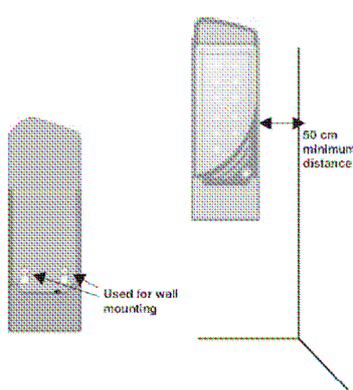
If the unit is in emergency operation for a time period that exceeds the above mentioned times, then the LEDs will go OFF in order to protect the battery from deep discharge. In this state the unit is completely inoperative and a complete 24 hour charge is required until its next use.

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. Place the unit on the charging base and ensure that it is charging (Red LED is lit). Press the push button continuously and in 2 seconds the LEDs will light. Continue pressing the push button for 6 more seconds until the LEDs go OFF and then ON immediately. If the photo sensor function was disabled then with this Procedure it will be enabled.

Mounting on the wall

There are two notches on the charging base which are used To pass the mounting screws.



Attention

- 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 50cm from a wall corner 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 use excessive force.
- **Replaced batteries must be disposed of correctly.**

Order No	Mode	Lamp Type	Battery	Power Co	Duration	Weight	Output	Protection	Dimensions
RTH11	Maintained	11 LED	3.6V 1000mAh (ni-Cd)	6VA	4 - 14 Hours	470 gr	5400 mcd / 120°	IP40	230 x 77 x 58