

# COACH/GLOBE LANTERN B22/E27 PHOTOCELL

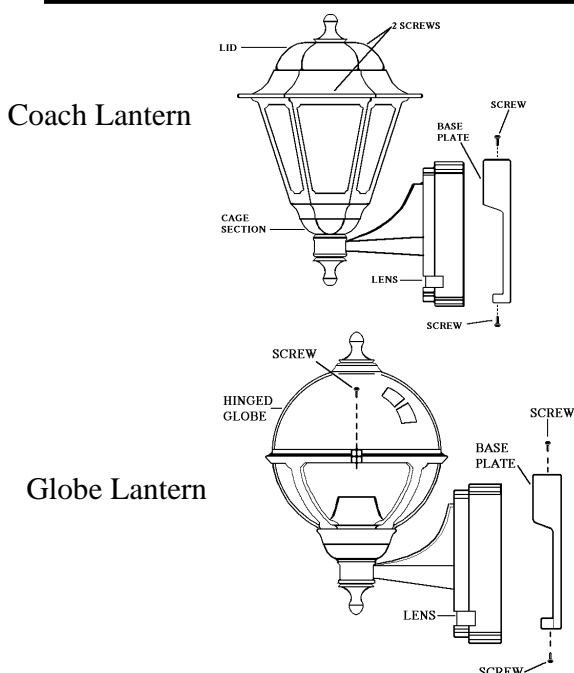
## Description

A decorative polycarbonate vandal resistant Family of Lanterns with integral photocell.  
 Mains supply: 230V/240V~50Hz.  
 B22/E27 Lamp versions: 100 watt maximum  
 PL Lamp: 9 watt 2 pin Compact fluorescent  
 Max total wattage B22/E27 version 250 Watt.  
 Max total wattage P.L. version 36 Watt.  
 Weather rating: IP44.  
 Suitable for outdoor use only.  
 Conform to : BS EN60 598-2-1.  
 P.L. version not suitable for use with dimming circuits.  
 This unit must be wired in accordance with all the latest relevant regulations.

## Location

1. The Lantern should be mounted onto a clear external vertical wall as shown.
2. Any light received from other sources will act as a contribution towards daylight.
3. Be careful to avoid sitting the unit where it can see reflections from itself, i.e. white glossy surfaces such as door canopies and under eaves as this could cause it to switch on and off continuously.

## Product Diagram

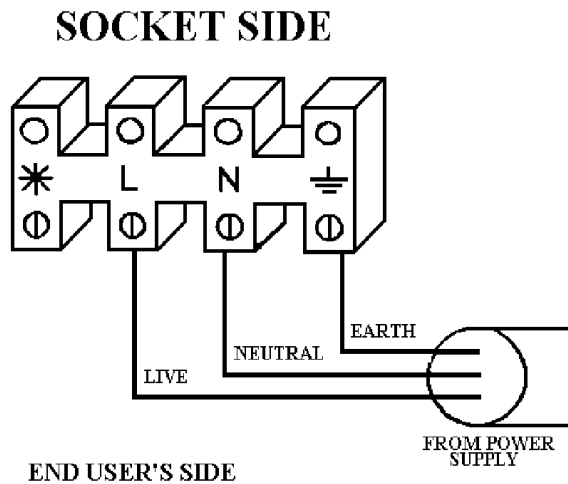


## Installation

**ISOLATE THE MAINS SUPPLY BEFORE WORKING ON THE INSTALLATION.**  
 Avoid mounting the unit near sources of heat such as boiler vents as these could cause spurious triggering.

1. Mark the wall using the base plate as a template.
2. Fit the grommets to the base plate. Thread the incoming mains cable through the grommet. Fit the base plate to the wall using 2 screws and plugs (not supplied). Seal the cable entry & fixings with silicone sealant.
3. Wire the mains cable to the connector block, following the wiring diagram shown. Connect Live to **L**, Neutral to **N** and Earth to **⊕**. Note that the unit is a class 2 fitting and does not require an Earth. The Earth connector simply provides a safe place for the earth wire to be terminated or carried through to earth other fittings if used.
4. Mate up the arm into the base plate socket.
5. Secure the two parts together with the 2 screws provided.
6. Fit an appropriate lamp, 100W maximum (not supplied).
7. Secure the lid/globe section by snapping in the bottom and fastening screw(s) supplied

## Diagram for Wiring



## Testing

After switch on allow 30 seconds to elapse before testing.

### A. DAY TIME

During daylight the lantern will be off. Darkness can be simulated by completely covering the small circular photocell.

### B. NIGHT TIME

At night the lantern will be on. To simulate daylight shine a light into the small circular photocell.

## Diagram for fitting a Slave Unit

Additional units can be controlled by the Coach/Globe Lantern PC

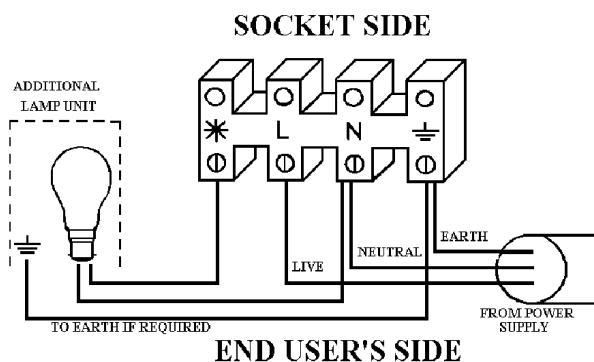
Simply connect the additional units between the output terminal marked \* and the neutral terminal marked 'N'.

Maximum total load is 250W

B22/E27 version, 36W P.L. version.

If the slave unit requires an earth ensure that this is connected to the terminal marked. ⊕

See diagram below.



## Further Advice

IF IN DOUBT WITH INSTALLATION CONTACT A QUALIFIED ELECTRICIAN.

The manufacturer reserves the right to improve the product specification without prior notice. The Producer of this EEE will finance collection, treatment, recycling, recovery and environmentally sound disposal from the B2B end user of this EEE when it is discarded as WEEE in the UK subject to the WEEE collections policy outlined in our General Terms and Conditions of Sale. This policy is in accordance with Regulation 9.2 of the UK WEEE legislation 2007.