

SAFETY FIRST

Isolate the mains electrical supply before commencing installation.

All electrical work must be carried out in accordance with the latest IET wiring regulations (BS7671) by suitably qualified engineers.

To avoid dropping this product, use high grip safety gloves when handling.

TOOLS REQUIRED

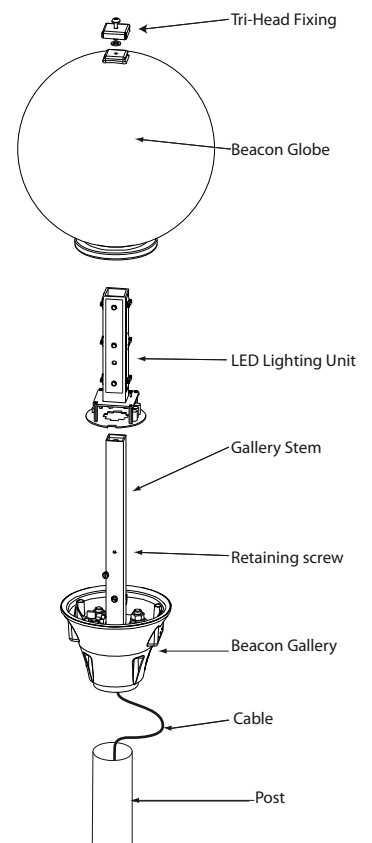
Tri-Head Key
Terminal Screwdriver 3 – 5mm
5mm Allen key
7mm drill
Phillips screwdriver (Maintenance only)

This equipment is designed for 24volt ac operation.

INSTALLING MODUBEL/MODICIC

The Modubel and ModuCIC are high specification Belisha and CIC beacon assembly's suitable for fitting to new or existing 76mm post installations. Both models feature a vandal resistant globe fixing system and long life LED lighting units operating on a 24volt ac power supply taken from the supplied transformer module. With careful installation the units will provide many years of trouble free service. A factory fitted Spot light is also available.

1. Isolate the mains supply and remove any existing equipment from the top of the post together with its wiring and control gear. The Modubel has a built in flasher control and does not require an external device such as a Rotaflash unit.
2. Drill a 7mm anti rotational hole, 37mm down from the top of the post and at 90° to the traffic flow.
3. Take the Modubel assembly and uncoil the attached supply cable(s). Should the Modubel have a 240 volt spot light factory fitted, a second cable will also need to be uncoiled.
4. Pass the cable(s) down the post into the column base compartment. Lock the beacon onto the post by tightening the gallery socket screws. One of the screws has a dog point which should align with the anti-rotation drilled in step 2.
5. Mount the transformer unit in the column base using the fixing screws provided.
6. Connect the mains input cable from the transformer to the incoming 240vac mains supply at the fused cut-out. If a spot light is fitted this should also be connected to the fused cut-out. The spot light has no built-in switching controls and will have 24 hour operation. A time switch or PE Cell may be fitted to switch the spot as required.
7. Plug the cable from the beacon into the output lead of the transformer. Coil any excess cable in the base compartment and tie up neatly.
8. On reconnection the Modubel should operate after a short delay.
9. More than one Modubel can be synchronised by powering all at the same time or by powering one beacon to match the others. The Modubels will then stay synchronised*.



MAINTENANCE

1. To gain access to the beacon LED lighting unit, remove the beacon globe by unscrewing the Tri-Head retainer at the top of the globe and lift vertically off.
2. To remove the LED lighting unit unscrew the single retaining screw and unplug the low voltage supply lead from the printed circuit board. Lift the lighting unit off the gallery stem.
3. To replace the LED lighting unit slide the lighting unit over the gallery stem with the notch in the circuit board facing the low voltage supply lead. The lighting unit will rest on the stop screw. Replace the retaining screw and plug the low voltage supply lead into the connector on the circuit board.
4. Replace the beacon globe ensuring the gallery stem engages in the square rebate at the crown of the globe. Tighten the Tri-Head fixing until the globe positively seals on to the gallery rim seal.

*dependent upon mains quality

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