



The Base Casting Assembly, Bowl and Canopy are separately packed.

**LANTERNS USING SON, MBF/U OR SOX LAMPS WITH CONTROL GEAR MOUNTED IN COLUMN**

1. Take Base Casting Assembly and unscrew top cap.
2. Pass cable(s) of sufficient length to reach control gear through spigot entry and through spigot gasket fitted inside the spigot entry. Connect to terminal block, using cable clamp to secure.
3. Threading or drawing cable(s) down column, locate Base Casting Assembly on 76mm Ø column spigot and secure by means of 3 locking grub screws. Ensure grub screws are tightened evenly so that lantern is level (torque 3 Nm).
4. Remove loose gasket from bowl pack and fit to Base Casting, see diagram. Insert lamp and fit bowl ensuring that it is seated properly on gasket. Fit canopy and secure with top cap. **IT IS IMPERATIVE THAT THE MK 18 BOWLS ( WITH GASKET SUPPLIED STUCK TO BOWLS ) AND MK 17 CANOPIES ( SUPPLIED WITH NO GASKET ) ARE FITTED TO THIS LANTERN.**
5. Where required, fix control gear to baseboard in column base compartment. Connect as per Choke/Transformer label and into supply.
6. Test for continuity and insulation.

**LANTERNS WITH CONTROL GEAR MOUNTED IN LANTERN**

1. Unscrew Top Cap from Base Casting Assembly.
2. Pass cable(s) of sufficient length through spigot gasket. Connect to terminal block, using cable clamp to secure.
3. Proceed as in 3 and 4 above.
4. Connect cable(s) to supply in column base compartment, preferably by means of fused cut out.
5. Test for earth continuity and insulation

**LANTERNS WITH PHOTO-ELECTRIC CELL CONTROL**  
The facility for fitting P.E. Cell control is provided in Gamma Six lanterns by means of the patented Top Cap. It is recommended that where photocell control is to be used, lanterns are purchased where the NEMA type socket has been fitted at the factory, designated by the letter P in the catalogue number.

For NEMA twist and lock plug type unit, proceed as follows :

1. Assemble Bowl and Canopy and secure with special top cap supplied.
2. Remove cap from photocell socket and discard.
3. Plug in and twist and lock P.E. cell unit. Cat.No. QP

**MOUNTING**

Past top mounting for 76mm diameter spigot.  
Recommended mounting height : 5m. Recommended columns : QC3 with QCS 76 spigot.

**CLASSIFICATION FOR PROTECTION**

Against electric shock : Class 1  
Against ingress of dust or moisture : IP 65 Dustproof and Jet Proof.

**OPERATING CONDITIONS**

In the interests of safety, it is essential that the mains supply is disconnected before relamping or servicing this luminaire.  
Note : Photocell may be live even when lamp is out.

**LAMPS**

- a) One 50W, 70W or 100W SON
- b) One 80W or 125W MBF
- c) One 35W SOX

Note : For lanterns requiring a photocell socket add letter 'P' to base casting Cat.No.

**REPLACEMENT ITEMS**

QG6T	Top Cap ( non photocell )
QG6PT	Top Cap for photocell version with the new plastic top bracket
QP	Photocell

The right is reserved to change specifications without prior notification or public announcement.

Made in the EC.

**SERVICING**

Failed lamps should be replaced promptly by lamps of the same type. Disposal of old lamps should be carried out in accordance with the instructions of the lamp manufacturer. Cleaning should be carried out at regular intervals by wiping with a damp cloth. (ensure luminaire is switched off)

**USERS OBLIGATIONS**

Every care is taken by the company in the design and construction of its products to ensure that as far as is reasonably practicable, the products are safe and without risk to health when they are properly used. These products should not be modified as any modification may render the product unsafe. THORN Lighting Ltd will NOT accept responsibility for any modified product or any damage caused as a result of modifications carried out by a third party. The Health and Safety at Work Act, however, imposes upon the users of the Company's products an obligation to ensure that all personnel involved in the installation, handling, use or disposal of these products are acquainted with the information provided by the company and are made fully aware of any precautions that need to be taken.

**IMPORTANT NOTE TO INSTALLER**  
THESE INSTRUCTIONS CONTAIN IMPORTANT SAFETY INFORMATION. PLEASE ENSURE THAT A COPY IS MADE AVAILABLE TO THE USER AND MAINTENANCE ENGINEER OF THESE PRODUCTS.

## Fitting Instructions For Gamma Six Bowl and Canopy

This bowl or canopy is suitable for use on Mk 15, 17 and Mk 18 versions of the Gamma Six. Mk 18 versions of the lantern are identified by two mild steel rods and a breather filter by the supply cable. Mk 17 versions are identified by two support channels and a 20 mm gland in the base. Mk 15 versions are identified by two mild steel rods and by the fact there are no facilities for a 20 mm cable gland in the base.

### Procedure for Fitting bowls and canopies to old and new lanterns

#### LANTERN DETAILS

New lanterns.

Old lanterns where bowl and canopy are required.

Old lanterns where bowl is being replaced but old canopy (with gasket) is being used.

#### BOWL/CANOPY FITTING INSTRUCTIONS

1. Fit gasket supplied in the bowl pack to the lantern base casting.
2. Fit the Mk 18. bowl.
3. Fit the Mk 17 top canopy (supplied without gasket).

1. Remove the base casting gasket.
2. Fit gasket supplied in the bowl pack to the lantern base casting.
3. Fit the Mk 18. bowl.
4. Fit the Mk 17 top canopy (supplied without gasket).

Either:

1. Throw away the base casting gasket supplied with the bowl.
2. Fit the bowl.
3. Fit the old canopy.

Or:

Where improved sealing is required or when the canopy gasket is in poor condition:

1. Remove the base casting gasket.
2. Fit gasket supplied in the bowl pack to the lantern base casting.
3. Fit the bowl.
4. Remove gasket from the old canopy.

New Mk 17 canopy (without gasket) and new Mk 18 bowl (with gasket) must be fitted as a pair. The old bowl must be discarded.

Just old canopy (with gasket fitted) is being replaced. (The Old bowl without gasket attached, left in situ.)