

INSTALLATION

BOLLARD AND CROWNLIGHT BOLLARD

- BOLLARD** - Unscrew head locking bolt, rotate head in anti-clockwise direction until triangle (1) on head aligns with indent on post door, see Fig. 1. Lift head upwards to remove.

CROWNLIGHT - Unscrew head fixing screws, remove head and lens from main body

- Unscrew door locking bolt, remove door then remove lamp in its packaging (100W GLS is less lamp).
- Secure post below ground level using galvanised steel baseplate or with appropriate fixing bolts into the round or square surface mounted baseplate. Ensure that the incoming supply cables are of sufficient length to reach the fused cut-out base.
- Root should be bitumen coated on site to guard against potentially corrosive soil conditions.
- Ensure that the incoming cables are of sufficient length to reach the fused cut out base which is approximately 224mm above ground level. Connect incoming supply cable to fused cut-out base into terminals marked L, ⊕, N

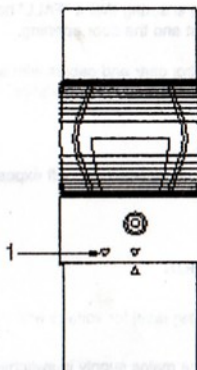


Fig 1.

Blue - N
Brown - L
Green/Yellow - ⊕

LUMINAIRE MUST BE EARTHED

- Re-fit door.
- Remove lamp(s) from packaging and insert into lampholder(s).
- Re-fit head, this is reversal of procedure 1.

LOWLAND CROWNLIGHT

- Remove lamp in its packaging (100W GLS is less lamp).
- Unscrew head fixing screws, remove head and lens from body.
- These luminaires are suitable for ground level mounting.
- Any cable entry or fixing holes produced by the installer, to be securely sealed to prevent ingress of dirt and water.
- Connect incoming supply cable to mains terminal block and separate earthing stud, labelled L, N, and ⊕ respectively.

Blue - N
Brown - L
Green/Yellow - ⊕

LUMINAIRE MUST BE EARTHED

- Remove lamp from its packaging and insert into lampholder.
- Re-fit head, this is the reversal of procedure 2.

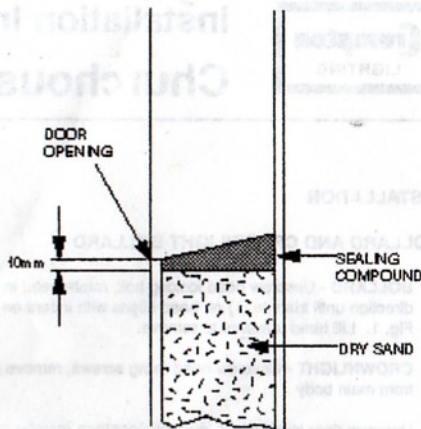
HIGH WATER TABLE

When Bollard posts are installed in an area with a high water table the following action must be taken.

1. Drain off any water that has already entered into the post.
2. Fill the post with dry sand to a position just below the door opening.
3. Provide a seal, using BICC "BICAST" compound or equivalent, over the entire area ensuring that a "FALL" has taken place between the rear of the post and the door opening.
4. Spray the control gear and cables with a suitable lacquer that possesses anti-tracking characteristics.

NOTE

Bollards must not be installed and left exposed without the heads fitted.



SAFE OPERATION

1. Check the rating label for voltage and frequency before connecting this luminaire to the electrical supply.
2. Ensure that the mains supply is switched off when working on this luminaire whether installing, re-lamping or carrying out any other servicing.
3. Use the correct lamps as initially supplied or as indicated on the ballast label.
4. Ensure that the fixing/suspension system is adequate for the luminaire weight involved.

SERVICING AND DISPOSAL

1. At commissioning and handing over of installation ensure that a copy of these instructions is presented to the authority responsible for the operation and maintenance of the luminaire.
2. Servicing, e.g., cleaning, lamp replacement, must only be carried out after the electricity supply has been switched off. It must not be assumed that luminaires with lamps not lit are switched off - always check before servicing.
3. Cleaning should be carried out at regular intervals to ensure that dirt does not accumulate to an extent that will impair the thermal safety of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaire is maintained.
4. Failed lamps must be replaced as soon as practicable by lamps of the same type.
5. Lamps should be disposed of by breaking them in a container. Precautions must be taken against flying glass or other fragments. This should be done out of doors or in a well ventilated area. Sodium lamps (not more than 20 at a time) should be broken into small pieces in a large dry container in a dry atmosphere. The container when 1/4 full should be filled with water from a safe distance, using a hose. After a few minutes the sodium will be inactive and the debris may be disposed of as for glass. Disposal of the debris of large quantities of lamps may be the subject of special regulations of your Local Authority who should be consulted for specific guidance.
6. All other parts of these luminaires, in small quantities, may be disposed of in the normal way. The capacitors in these luminaires are of the dry-film type and contain no materials likely to be injurious.

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