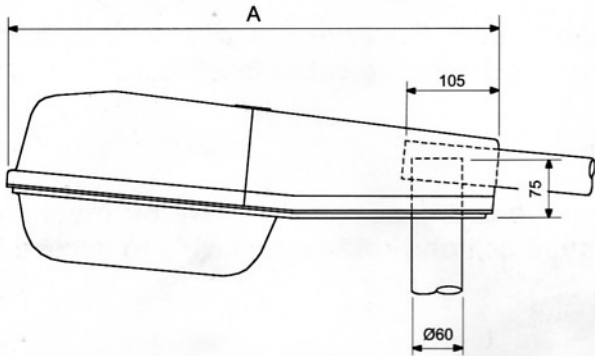


ZX3 SEALS SAFE



Lamps:

100W - 150W - 250W - 400W*
High Pressure Sodium
tubular lamps (SON-T)

Tightness:

Optical Compartment IP66
Control Gear compartment IP43

Projected Side Area:

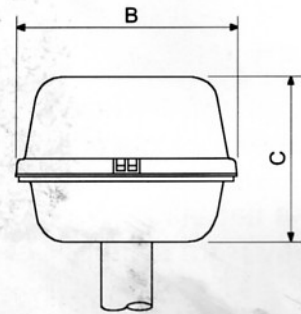
0.1637m²

Weight: (including lamp and control gear)

100W = 8.1Kg
150W = 8.9Kg
250W = 9.7Kg
400W = 11.0Kg

Normal operating position

Vertical Mtg = 5° inclination
Horizontal Mtg = Angle of Bracket



A	B	C
765	350	315

Maximum Dims (mm)

* with glass protector only

INSTALLATION INSTRUCTIONS

Opening the cover

Release the two stainless steel spring clips at the rear of the cover.
The rear part of the cover can then be hinged open.

Horizontal mounting

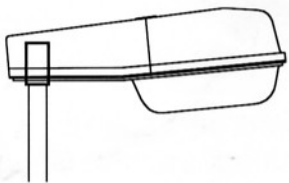
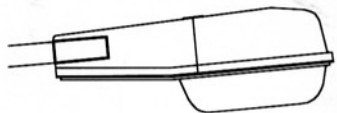
Spigot Ø = 42, 48, 60mm

Pass the cable from the bracket through into the lantern and slide the lantern onto the spigot. Tighten the two M10 grub screws to 13Nm ±1Nm ensuring that the lantern is horizontal relative to the line of the kerb by means of a spirit level placed on the lantern cover. Remove the card and the two thin nuts from the grey blanking plate underneath the lantern.

Vertical mounting

Spigot Ø = 60mm (76mm with adaptor)

Remove the two grub screws from the lantern body and withdraw the clamp plate. Remove the grey blanking plate from underneath the lantern, remove the card to release the two thin nuts and replace the blanking plate in the unused rear entry hole of the lantern. Tighten the two M10 grub screws to 13Nm ±1Nm.
Open the top cover as described above and insert the grub screws through the holes in the side of the casting. Locate with the thin nuts positioned in the slots provided.
Pass the cable through into the lantern and slide the lantern down onto the column top, securing by means of the two grub screws. Tighten the grub screws to 13Nm ±1Nm.



Electrical Connections

WARNING – This lantern must be earthed

Isolate electrical supply to column prior to service operation.

- Loosen the "P" clip and pass the cable through.
- Prepare the cable and connect into the terminal block. Observe polarity of Live Earth and Neutral as marked and take care not to screw down on the cable insulation.
- Retighten the "P" clip.

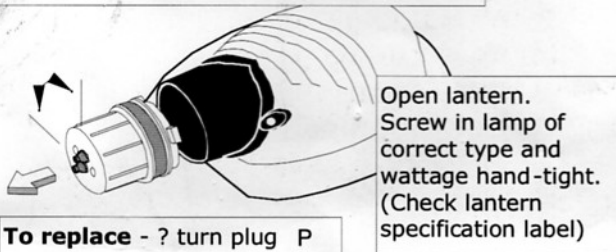
Photocell

Where a photocell socket (NEMA) is provided, remove the dust cap carefully by means of a screwdriver or similar object, insert a one piece type cell and rotate clockwise to secure.

SERVICE OPERATIONS

Fitting and Replacing the Lamp

To remove lampholder - ? turn plug Q



To replace - ? turn plug P

Removal of Cover

Open cover as described overleaf. Remove plastic push rivets from either side of canopy. Disengage plastic lugs from underneath lantern body by means of a flat blade screwdriver (push lugs away from spigot entry).

Push cover away from spigot entry to disengage from front lugs.

Refitting is a reversal of the above procedure.

Ensure all lugs and push rivets are properly located into lantern body.

Gear Tray Removal

Disconnect incoming supply at the terminal block. Disconnect earth wire to body.

Remove the lampholder from the optic as described above.

Loosen the three securing screws and push forward to disengage the gear tray (on some versions screws may need to be removed).

The complete gear tray may now be lifted clear of the body.

Refitting is the reverse of this procedure. Ensure all screws are secured.

Optic Removal

Remove the gear tray and the cover as detailed above.

The optic can now be lifted and pulled back towards the spigot entry.

Refitting is a reversal of the above procedure, ensuring the optic is located under the clip at the front of the lantern.

Cleaning

Only the exterior of the lantern protector requires cleaning. This should be done using a damp chamois leather or similar lint-free cloth. The use of cleaning agents is not recommended.