

INSTALLATION INSTRUCTIONS FOR:

Shavolite CSL 1	Luminaire CSL 3
Shavolite CSL 1 - 11W	Luminaire CSL 3 - 11W
Shavolite CSL 6	Luminaire CSL 8

Follow these instructions carefully to ensure safe and reliable operation. Retain this leaflet for future reference. In case of queries contact your supplier.

The following symbols may be found on the product or labels:

- ⊕ — Class 1. This fitting must be earthed
- ⚠ — Suitable for use on a normally flammable surface (fluorescent and compact fluorescent versions)
- IP20 Do not use in damp or corrosive atmospheres.
- N — Neutral
- L — Line
- ⊕ — Earth

COLOUR CODING OF CABLES

Throughout this leaflet the following coding is used:-

LINE	L	—	Brown or Red
NEUTRAL	N	—	Blue or Black
EARTH	⊕	—	Green/Yellow or bare conductor

INSTALLATION

- Clearances (Fig 1).
- Remove diffuser by drawing the bottom edge out of fitting and dropping it down (Fig 2).
- Remove lamp by:
 - CSL 1/3 — gently hold one end of lamp and push it towards the other end. When the end is free, lift lamp away. Remove any packaging from around the lamp (Fig 3a).
 - CSL 1/3 11W — gently hold lamp near to lampholder end, pull away from lampholder until lamp springs free, remove any packaging from around the lamp (Fig. 3b).
 - CSL 6/8 — gently hold lamp at both ends and rotate until pins are visible through slots in tops of lampholders. Draw lamp out of lampholders. Remove any packaging from around the lamp (Fig 3c).
- Loosen the two retaining screws holding the housing to backplate and slide housing up and off (Fig 4).
- Position backplate over incoming cable (Fig 6a) and mark fixing positions (Fig 5a). Drill fixing holes and securely fix backplate to mounting surface ensuring that incoming cable is not pinched between backplate and mounting surface (Fig 5b).

Note: Minimum length of incoming cable protruding from surface is as follows:
 CSL 1/3 & CSL 1/3 11W = 250mm
 CSL 6/8 = 400mm
- Strip outer and inner sleeving as appropriate.
- Remove cover from terminal block, take care not to lose retaining screw (Fig 6b). Slacken terminal screws, position line and neutral cables (taking note of terminal block markings and cable colour coding), securely tighten screws and replace terminal block cover (Fig 6c). Ensure that line and neutral cables are held in place by integral cable clip (Fig 6d). Cut earth cable to length, loosen earth screw terminal, position cable and securely tighten (Fig 6e). The earth screw terminal is also the terminal for the equipotential bonding cable.
- Carefully slide housing into position on backplate ensuring that all locating slots are correctly positioned. Tighten fixing screws carefully. Do not overtighten as this will cause damage to the housing.

SAFETY

Follow the appropriate national wiring regulations; if in doubt consult a qualified electrician.

Disconnect from mains supply before installation, maintenance or replacing the lamp(s).

This product must not be modified. Any modification will negate any Safety Mark approvals and may render the product unsafe. S.L.I. accepts no responsibility for modified products. This product must be installed in accordance with these instructions.

Suitable for use in ambient temperatures of up to 25°C.

This fitting should not be covered with any heat insulating material and the air flow around it should not be restricted. Note any minimum recess depths or distances to adjacent surfaces.

This fitting must only be installed horizontally on a vertical surface.

Fittings with shaver sockets have a double wound isolating transformer giving a dual output voltage, 240V or 115V, up to a maximum power consumption of 20VA.

These units are fitted with a solid state overload protection device, which will render the socket inoperable should the maximum power consumption be exceeded. If this should occur the device will automatically reset itself after a period of time.

This unit should be connected into the lighting circuit or be fused at a maximum of 5 amps.

To ensure good electrical contact, terminals must be screwed firmly and wire strands must not be tinned.

9. Refit lamp by reversing procedure in section 3, ensuring that in CSL 1/3 fittings the lamp is central between the lampholders.

10. Refit diffuser by reversing procedure in section 2. (Fig 8).

11. Reconnect mains supply and check that fitting is operating correctly.

Note: Pull cord operates lamp only. Shaver socket is activated by insertion of shaver plug.

On completion of this installation, hand this leaflet to the person responsible for lighting maintenance. Make a note of the supplier and date of purchase.

LAMP CHANGING

Defective lamps should be replaced as soon as possible. Only lamps of correct type and rating should be used (see product rating label).

The fitting and lamp can quickly become hot, ensure that both have cooled adequately before adjusting or replacing lamps.

Disconnect from mains supply before starting procedure; for lamp removal and replacement see installation instructions. Dispose of the defective lamp carefully in accordance with lamp manufacturer's instructions.

STARTER CHANGING (CSL 6/8 only)

Defective starters should be replaced as soon as possible, only starters of correct type should be used.

Disconnect from mains supply before starting procedure:

- Remove diffuser.
- Remove starter by rotating anticlockwise and lifting free (Fig 1).
- Fit new starter by reversing above procedure.
- Refit diffuser.

CLEANING

Ensure mains supply is disconnected and that fitting and lamp are cool. Use only a soft, dry cloth, do not use abrasives or solvents.

Fig. 1 Clearances

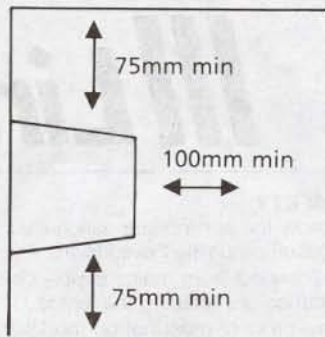
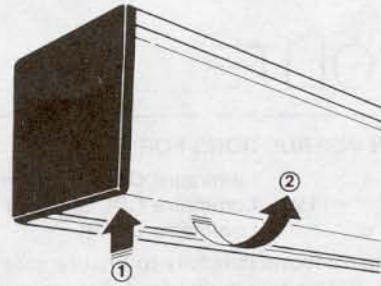


Fig. 2



These fittings must be mounted horizontally on a vertical surface

Fig. 3

- A) CSL1 and CSL3 (Ensure lamp is centralised)
- B) CSL1-11W and CSL3-11W
- C) CSL6 and CSL8

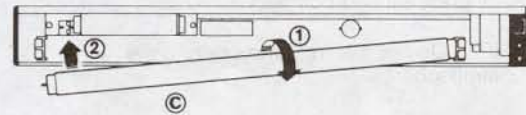
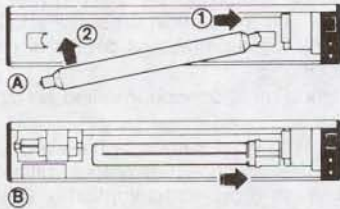


Fig. 4

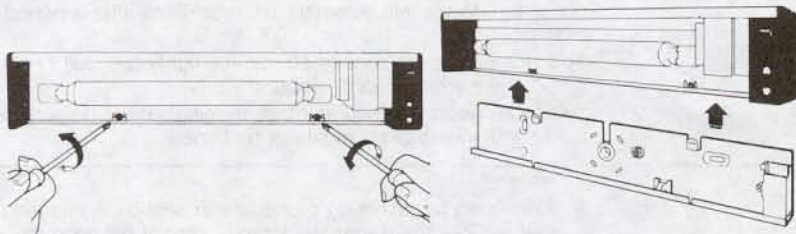


Fig. 5a

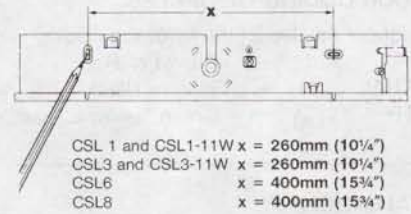


Fig. 5b

Minimum length of supply cable from mounting surface: 250mm (8⁷/₈" for CSL1; CSL1-11W and CSL3-11W; 400mm (15³/₄" CSL6 and 8.

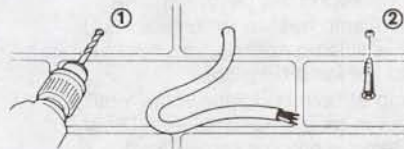


Fig. 6a

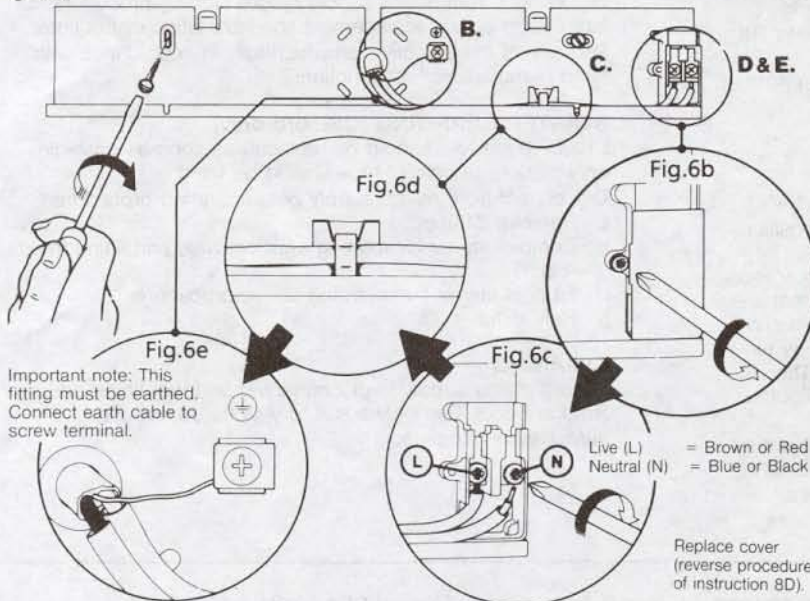


Fig. 7

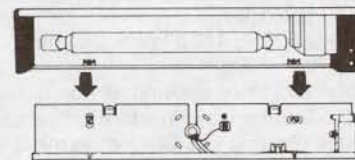


Fig. 8

