

SUSPENSION PENDANT FITTING

Optional Shades

INSTALLATION INSTRUCTIONS

These instructions are provided for your safety.

Please read carefully before commencing work and retain for future reference.

SAFETY INFORMATION

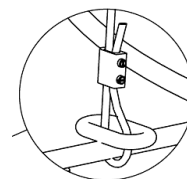
- * If you are in any doubt consult a person competent to give advice on the installation of electrical equipment.
- * This fitting should be fitted in accordance with IEE Wiring Regulations and the Building Regulations
- * To prevent electrocution switch off at the mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electricity supply without your knowledge.
- * To avoid damage to concealed wiring during installation, establish the direction of the supply cable before drilling fixing holes.
- * This fitting is Class I = $\frac{1}{\text{I}}$ and should be fitted to a lighting supply (with earth) protected by a 5 amp fuse or equivalent circuit breaker.
- * Always be sure to use the correct type and wattage of bulbs as indicated on the fitting. Never exceed the wattage stated.
- * When changing the bulb, always switch off at the mains and allow the old bulb to cool down before handling. Dispose of used bulbs carefully.

INSTALLATION

1. Ensure the house electricity supply is off at the fuse board.
2. Before removing the existing rose, carefully note the position of each set of cables. If there are loop in cables that are not connected to the light these must be terminated in a separate terminal block not connected to the fitting.
3. Remove mounting bracket from the fitting by loosening 2 x screws on the ceiling cup, you should now be able to drop the mounting bracket out of the slots in the ceiling cup.
4. Using the mounting bracket as a template mark and drill fixing holes in the ceiling. Ensure fixing holes are located on a joist or other suitable surface. Attach mounting bracket to the ceiling using suitable screws.

THIS FITTING IS ADJUSTABLE ONLY AT THE POINT OF INSTALLATION AND NO ADJUSTMENT MUST BE MADE ONCE INSTALLED. IF FURTHER ADJUSTMENT IS REQUIRED POWER MUST FIRST BE DISCONNECTED AND THE FITTING REMOVED FROM THE CEILING.

5. **Shade Frame – Preassembly:** Place shade frame onto a flat clean surface with the shade struts at the top. Locate the ferrules at the end of steel suspension wire and use a small screwdriver to undo (**DO NOT REMOVE**) 2 x retaining screws, feed a steel suspension wire through the ferrule then loop steel suspension wire around the shade support and feed suspension wire through the ferrule again. (Ensure there is approx. 1cm excess suspension wire has passed through the ferrule and ferrule is approx. 1cm from the shade strut.) Use a screwdriver to secure the suspension wire into the ferrule by fully tightening 2 x retaining screws undone earlier.



6. **Shade Height Adjustment:** This fitting has height adjustment feature enabling position of lampholder can be adjusted to facilitate varying shade height. Fit the electrical main body into the shade whilst taking care not to damage the shade, fit electrical main body onto shade gimble and ensure gimble is located between the 2 x large washers. Shade height adjustment is achieved by altering the both knelled nuts, ensure shade gimble is correctly located and both knelled nuts are fully tightened to support the electrical

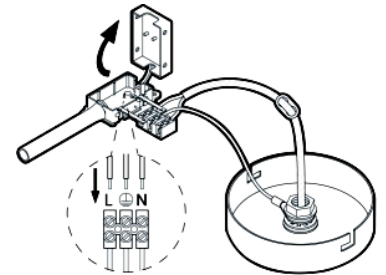


7. **Fitting Height adjustment:** The weight of this fitting must always be taken by the 3 suspension wires around the circumference of the frame and not the electrical cable. The centre cable should be left slightly slack as a safety cable only and should not be under any tension normally. It is possible to shorten the 3 suspension wires around the frame by pushing the wires up through the clamp in the ceiling plate. The clamp automatically stops the wire from pulling through in the other

direction. To extend the wires you can push the centre spring loaded tube into the clamps and then pull the cable through to the required length. Once the centre piece is released it springs back and clamps the wire again. It is important to ensure that the 3 wires are all equally adjusted to ensure that the fitting will hang straight. Adjust the centre suspension wire so that it is slack and not supporting any weight as this is the safety cable and not there to support any weight. If this centre cable is pulled tight it will cause the glass to not sit flush on the supports once installed. Loosen the 2 screws on this centre clamp near the ceiling cup and pull the cable through the loop ensuring that it is not pulled tight, retighten the 2 screws and trim the excess wire or neatly loop. Once you have the desired length pull any excess electrical cable up into the ceiling cup ensuring that some slack remains so it will not be strained once installed. Trim and terminate the cable as required.

Ensure that the figure of 8 clamp that is fitted to the cable in the ceiling cup is slid down into position on top of the centre nut (this is to prevent the cable being pulled from the connector block if under strain).

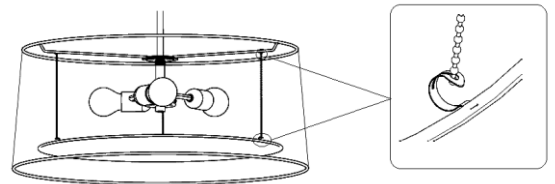
8. Use a small screwdriver to lever open the terminal block, the weight of fitting must be supported whilst you make the electrical connections as follows.
Connect supply live (normally brown or red) to terminal block marked 'L' on fitting.
Connect supply neutral (normally blue or black) to terminal block marked 'N' on the fitting.
Connect the earth (normally green/yellow or unsheathed) to terminal block marked '⏏' on the fitting.



NOTE: Ensure electrical connections are tight and no loose strands of wire are left out of the connector block, close the connector block by snapping back together.

9. Ensure excess wires are carefully fitted inside ceiling cup or ceiling void. Offer fitting cup up to the mounting bracket whilst lining the screws in the mounting bracket up to the slots in the ceiling cup. Push the ceiling cup up over the screws and rotate clockwise so that the screws are taking the fitting weight. **Take care to ensure no wires are trapped or pinched during this procedure.** Ensure that the fitting is still being supported while the screws are tightened. Make sure retaining screws are fully tightened and the fitting is secure before releasing.

10. **Where required:** Clip beaded metal chains onto the shade baffle, achieved by first fitting the end of small ball into the wider opening on the clips on shade baffle. From above the shade, clip the other ends of the metal beaded chains into the clips attached to the shade frame. **Ensure the shade baffle is level by making sure the chains are attached to the clips at the same height.**



11. **Where required:** fit diffuser by tilting it at a 45° angle, fit diffuser into the shade then ensure it lowers inside the shade rim. You may need to gently push the diffuser from the inside of the shade (**edge of diffuser**) to aid fitment. Do not let go of diffuser until you are sure it is correctly fitted at the inside frame of the shade. If in doubt take diffuser out and attempt at fitting it again.



12. Switch on the electricity supply at the fuse board. Your fitting is now ready for use.
13. To replace the bulbs it is advised that the bulbs are replaced through the top of the fitting and not by removing the glass. Please switch off at the mains and allow the bulbs to cool before replacing.

GENERAL INFORMATION

This fitting is designed for internal use only and must be fitted to a DRY SURFACE as any dampness in plaster or paint can damage the finish. **Do not use polish or abrasive cleaner - just a soft dry cloth.**