Solenne Alabaster Capsule Pendant Light

WARNING Never take risks with electrical safety. Always disconnect the mains power before beginning any electrical work and test that it is isolated - it is NOT enough just to turn off the light switch. Electrical products must be installed in accordance with IET regulations (BS 7671). If you are in any doubt, always consult a qualified electrician or an experienced person registered with an electrical Competent Person Scheme. Further information is available online or from your Local Authority. If the lighting circuit is not protected by a Residual Current Device (RCD) then the installation should be carried out and tested by a qualified electrician. If necessary, use a suitable stepladder, but first read the useful advice given by the Health and Safety Executive. Visit www.hse.gov.uk and search for 'using stepladders'.

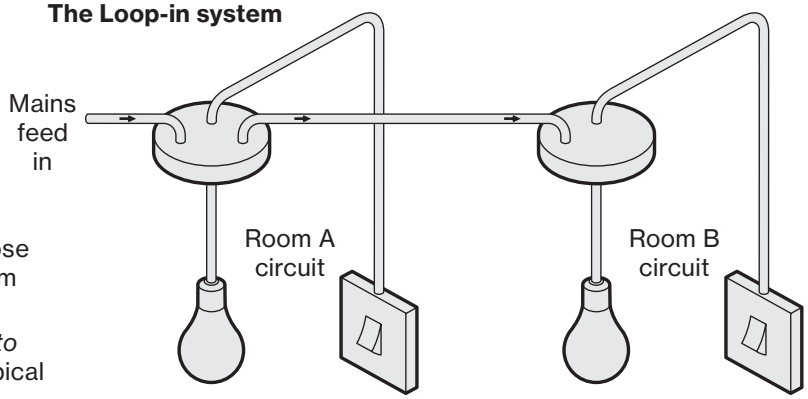
Before you start anything, please make a cup of tea and read these instructions fully. If you are in any doubt, STOP and seek professional help. Do not proceed unless you are sure.

Your existing connections

Your existing domestic lighting circuit is most likely to use a *Loop-in (aka Radial) system* where the mains supply is passed from one ceiling rose to the next; with the switches and lights for each room emanating from those same roses.

Note: Some older properties may alternatively loop into and out of the switches rather than the roses. The typical arrangement you are likely to find is shown right:

The Loop-in system



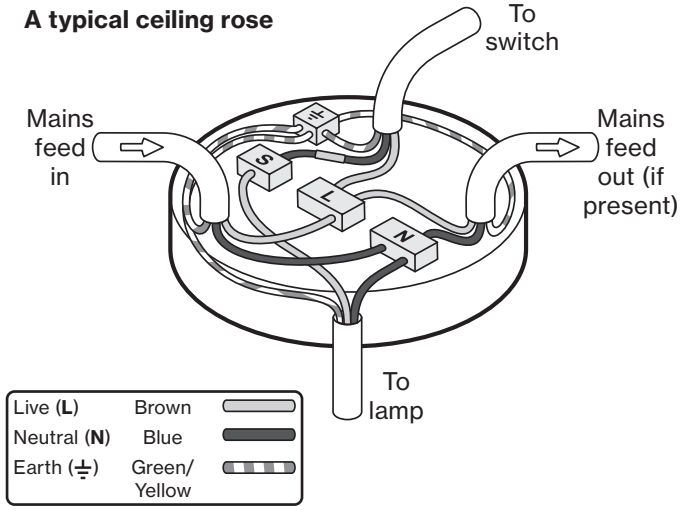
You will need to disconnect the existing wiring and remove the existing ceiling rose. So your first step, after isolating the power for the lighting circuit at your fuse board (and double-checking that it's dead), should be to take clear photo records of the open ceiling rose. Then, you need to identify and clearly label each of the cable groups. Clues to look for:

- The blue (or black) wire coming back from the switch should have a brown (or red) coloured sleeve on it - to identify that it carries a switched live feed. *Note: If a sleeve is not present, you should fit one once you identify the correct wire.*
- That marked wire from the switch will connect only with the wire(s) leading to the lamp(s).
- Using the above two clues, you should be able to identify the *Switch* and *Lamp* cable groups. The remaining cable group(s) will be the mains *feed in* and, if present, *feed out*. You don't need to know which is *in* and which is *out* for this task, just that they are the feed cables.

Notes:

- *The connector block supplied within your disc chandelier is designed for a simple end-point power connection. If you need to recreate a loop-in arrangement as described above, you will need replacement connectors, such as Wago® 221-413, available from www.dowsingandreynolds.com*
- *These lights are not suitable for use in circuits with ratings that exceed 10 Amps.*
- *This product must be installed in accordance with local building regulations.*

A typical ceiling rose



To recreate loop-in connections: Remove the supplied connector block. Using the labelled cables as discussed left, you now need to recreate the loop-in circuit links that existed in the original rose, using suitable connectors (that are rated and insulated for 240VAC use) - such as Wago® terminal blocks (part number 221-413)). You will need four of these connectors to form the live, neutral, switched live and earth connection groups.

Notes:

- *A valid CPC (Circuit Protective Conductor) earth connection must be supplied by the existing feed in cable to the rose.*
- *Ensure that bare copper earth connections have green/yellow sleeves to isolate them from other connections.*

To fit your capsule pendant

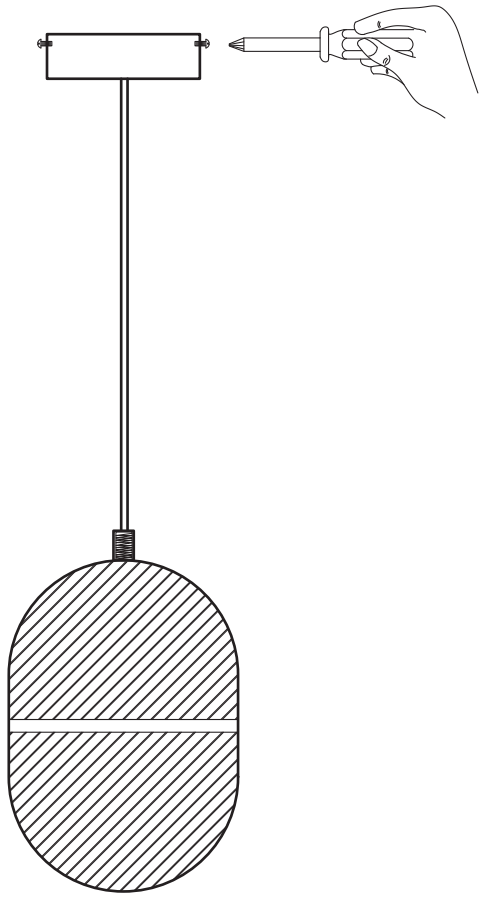
1 Shut off power to the circuit and use a tester to ensure power has been completely isolated.

Note: This light is not suitable for use in circuits with ratings that exceed 10 Amps.

2 Label, photograph and then disconnect the cables from the original rose *(see Your existing connections on the previous page)* and remove the rose from the ceiling.

Note: Depending on how your property is wired, you may need to purchase additional Wago connectors for loop connections. Please visit www.dowsingandreynolds.com for options.

3 Using a screwdriver, remove the two screws on the ceiling rose of your capsule pendant to reveal the ceiling ring within.



4 Use two, preferably three screws to secure the ceiling ring to solid surfaces/beam(s) above the ceiling surface where the previous ceiling rose was located. If necessary, also use plastic wall plugs.

It is vitally important that the screws do not disrupt any cabling in the ceiling space. Take time to properly survey the location and add extra supports if necessary.

5 [For loop-in connections, skip to step 6]. For simple end-point connections, connect the incoming brown (live), blue (neutral) and green/yellow (earth) wires to match up with the terminals of the connector block. Once all connections are made, check that they are all secure and replace the white cover on the box. Then skip to step 7.

6 For loop-in connections: Using the labelled cables as discussed in 'Your existing connections' on the previous page, you now need to recreate the loop-in circuit links that existed in the original rose, using suitable connectors (that are rated and insulated for 240VAC use) - we recommend Wago® terminal blocks (part number 221-413) which are available from www.dowsingandreynolds.com. You will need four of these connectors to form the live, neutral, switched live and earth connection groups.

7 Once all connections are double checked, hold the rose cover and pendant up to the ceiling ring. Insert and tighten the screws removed earlier.

8 Carefully unscrew the lower half of the capsule shade (anti-clockwise looking from below):

9 Insert a suitable bulb into the holder, then replace and retighten the lower half of the shade.

10 Restore power to the circuit and switch on the light.