

## Ceiling Rose, Pendants & Batten Lamp Holders

These products all comply with appropriate British & European harmonised Standards

*Please keep this leaflet for future reference*

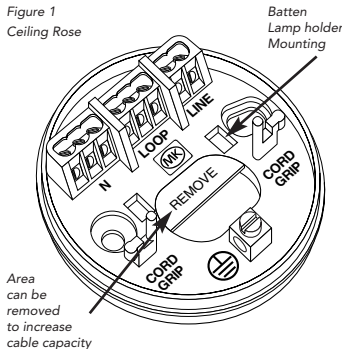


### SAFETY INSTRUCTIONS

- This product must be installed by a competent person in accordance with the current editions of the IEE Wiring Regulations (BS7671) and Buildings Regulations. If in any doubt, consult a qualified electrician.
- To prevent electrocution, do not work on any appliance live. Turn off the mains supply before commencing work.
- If an earth cable is present in the installation it must always be connected to the product and/or mounting box earth terminal.
- To prevent fire hazard do not exceed the rated current.
- To ensure the ceiling rose built in cable restraint grips the cable from the lamp holder sufficiently, use only two core circular cable as specified in the installation instructions.
- A separate instruction leaflet (44960 PL) is available for Lamp holders, if required, please request a copy from the address given at the end of this leaflet.
- Product and packaging should be disposed of via standard refuse facilities at the end of their life.

44957PL Ed.2

Figure 1  
Ceiling Rose



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### INSTALLATION GUIDE

1. When securing the product to the wall or ceiling, be sure to avoid any existing pipe work or wiring.
2. When fitted correctly, using specified cable and screw size, the ceiling rose is designed to suspend fittings with a maximum weight of 3Kg.
3. If replacing an existing unit, always take careful note of the cables and terminal descriptions before removing. This should make it far easier to wire the new product.
4. Take care to select the supply cables with the right sleeve colour code for each terminal.
5. Please note; the colour codes used in the UK prior to April 2004 are as follows: -

|               |                            |
|---------------|----------------------------|
| RED           | = LOAD terminal marked 'L' |
| BLACK         | = LOAD terminal marked 'N' |
| GREEN/ YELLOW | = LOAD terminal marked 'E' |

In all other areas of the EU, as well as new build installations in the UK after April 2004, the colour codes used are:-

|              |                            |
|--------------|----------------------------|
| BROWN        | = LOAD terminal marked 'L' |
| BLUE         | = LOAD terminal marked 'N' |
| GREEN/YELLOW | = LOAD terminal marked 'E' |

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The first colour indicated in the following illustrations will be that used prior to April 2004. The second colour, shown in brackets, is the colour used after April 2004.

6. A halo is available separately to give a professional finish by covering damaged plasterwork. The MK Halo part number is 1163 WHI. See the installation instructions for the Ceiling Rose and Batten Lamp Holder below to see how it is used.

### INSTALLING THE CEILING ROSE

1. Please read the Safety Instructions and Installation Guide before starting the installation.
2. Remove the shade ring and unscrew the rose cover.
3. Part of the cable entry area of the base moulding is already removed and is suitable for many installations. If however, greater wiring capacity is required, remove the rest of the knockout area as indicated in Figure 1.
4. Carefully strip back the outer sheath of the supply cable to expose approximately 50mm of the inner cables.
5. Carefully strip the inner cable insulation to expose 10mm of the conductor.
6. Feed the supply cable(s) through the base cutout.
7. Ensure the base of the rose is level and securely fixed to the ceiling or wall using two countersunk No. 8 wood

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screws as shown in Figure 2. Take account of the comments made in the Installation Guide above, to ensure a safe installation.

8. Coloured sleeves are provided for use as follows: - The Red or Brown sleeve should be placed over the live or switched live cable for identification purposes where the cable used is black, as shown in Figures 3a & 3b.

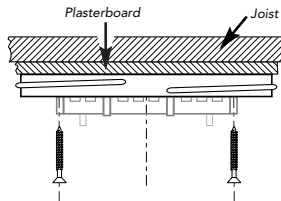


Figure 2 - Mounting Ceiling Rose base

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**Green/Yellow sleeve** should be placed over the bare earth wire for insulation and identification purposes.

9. Figure 3a & 3b show typical wiring diagrams for conventional lighting circuits. 3a having a looping requirement, 3b when using junction boxes for termination when looping is not required.
  10. Ensure each cable is connected to the appropriate terminal, as shown in the typical diagrams - Figures 3a or 3b.
  11. When an earth cable is installed, ensure it is connected to the terminal on the base of the rose.
- If the purchase has been a Ceiling Rose rather than a complete pendant set, then a lamp holder and cable will have to be fitted. To do this, proceed as follows.
12. For pendant sets, use heat resisting PVC insulated and sheathed flexible 0.75 mm<sup>2</sup>, 2 core circular cable complying with BS6141 between the Ceiling Rose and lamp holder.
  13. Strip back the outer sheath of the supply cable to expose approximately 100mm of the inner conductors.
  14. Carefully strip the inner cable insulation to expose 10mm of wire. If using an existing cable with soldered ends, they should be trimmed back and re-stripped to expose new clean conductor. On no account should soldered ends enter the terminals.

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15. If using a pre-assembled pendant cable and lamp holder, thread the pendant cable through the Ceiling Rose cover and allow it to rest on the lamp holder.
16. If a Halo is to be used with the Ceiling Rose, it should be passed over the cable at this stage and let rest on the Ceiling Rose cover.
17. Make the connections from the lamp holder to the rose as shown in Figures 3a & 3b and tighten the terminal screws securely. Note: the colour codes of these cables will be brown and blue in all cases.
18. Wrap the two cables around the restraints as shown in Figure 4. It is very important this is done correctly so as to support the lamp fitting.
19. Slide the cover, and halo if used, up the pendant cable and screw the cover onto the base until secure against the ceiling. See Figure 5.

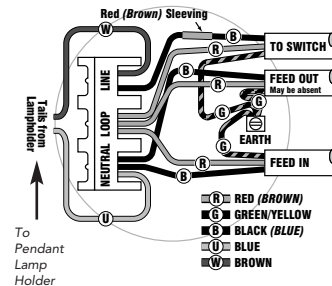


Figure 3a - Typical wiring circuit with looping requirement

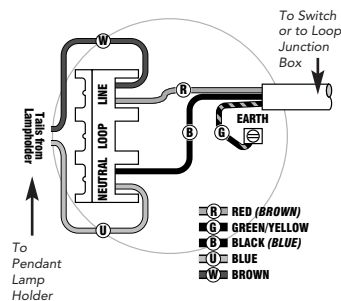


Figure 3b - Typical wiring circuit using junction boxes

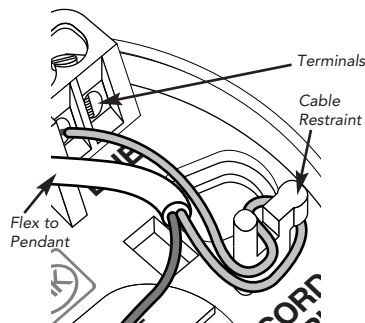
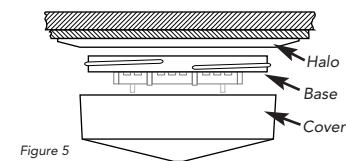


Figure 4 Cable Restraints



#### INSTALLING A BATTEN LAMP HOLDER

1. Remove the shade ring.
2. Unscrew the batten holder cover.
3. Unclip the lamp holder from its seating in the base.
4. The wiring of the batten lamp holder is the same as for the ceiling rose, please refer to paragraphs 2 to 10 inclusive, of the ceiling rose instructions above.
5. Make the connections to the lamp holder as shown in Figures 3a & 3b and tighten terminal screws securely.
6. Clip the lamp holder back into the base.
7. If a Halo is to be used, offer it over the batten holder, before replacing the cover and shade ring.



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