
Ace Lamps

A division of Direct Electrical Services

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INSTALLATION GUIDE FOR [827-1CH](#), [872-2CH](#), [872-3CH](#)



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IMPORTANT: PLEASE READ BEFORE COMMENCING INSTALLATION.

WARNING:

- It is recommended that this luminaire be installed by a qualified electrician in accordance with current IEE wiring regulations and UK Building Regulations.
 - Ensure that the mains electrical supply is isolated before commencing any installation.
 - This luminaire must be earthed.
1. If fitting a ceiling luminaire in place of an existing ceiling rose, it may be the case that both ring and switched circuits exist. Ensure that the mains are switched off before removing the existing ceiling rose – **the ring circuit will remain live unless isolated at the fuse box regardless of the position of the wall switch.** Carefully note the position of each set of cables in relation to Live (L) Neutral (N) and earth (E). If a ring circuit exists there will be a fourth set of wires (usually red) that are not connected to

L.N. or E – this circuit must be kept together in a separate terminal block insulated from the fitting.

2. Remove mounting bracket if fitted.
3. Mark the position of the fixing holes in the mounting bracket, (or of the mounting holes in the luminaire's back plate) on the ceiling/wall, avoiding any wiring run in the ceiling/wall.
Drill and prepare the holes for the screws ensuring that the fixings are into a solid material.
If wall luminaires have to be fastened onto plasterboard or hollow walls ensure suitable fixing bolts are used. Do not use screws directly into the plasterboard. Where a ceiling luminaire is involved, ensure that the wood screws pass through any plasterboard and penetrate into a ceiling joist and do not pierce any wiring.
4. Pass incoming mains cable through or round mounting bracket if provided, and secure bracket to wall/ceiling ensuring no wiring is trapped.
5. Screw stem of fitting onto centre body (if applicable) ensuring no wires are damaged or trapped.
6. Ensure that the luminaire will be adequately supported, without any strain being placed on the wiring.
7. Connect the supply cables to the wires of the luminaire by means of a connector block as follows:

Incoming live (brown or red) to luminaire live (brown) wire (or terminal marked "L").
Incoming neutral (blue or black) to luminaire neutral (blue) wire (or terminal marked "N").
Incoming earth (green or green/yellow) to luminaire earth (Green/yellow) wire.
8. Ensure that no strands of bare wire have escaped the terminals. Cover the block with insulation tape.
9. Secure the luminaire to the wall/ceiling using the appropriate fixings. Take care not to damage or trap any of the wires or leave any wires exposed.
10. Fit glass shades if applicable).
11. Fit the lamp bulb/s of type indicated on the luminaire. Do not exceed maximum stated wattage. **(some fittings may require lamps to be fitted before fitting shades).**

12. Switch on the supply to the luminaire and ensure it operates correctly.

Fittings should not be mounted on normally combustible surfaces unless marked with symbol "F".

F with a cross through indicates that the fitting is not suitable for fitting to normally combustible surfaces.

Do not install on freshly plastered, painted or wallpapered surfaces that have not had reasonable time to dry out. This is to avoid the possibility of discolouration occurring at the edge of the plate.

Clean only with a dry or damp cloth. Do not use polishes or cleaners.

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