

EVOLED

INSTALLATION INSTRUCTIONS

Halers Lighting Ltd

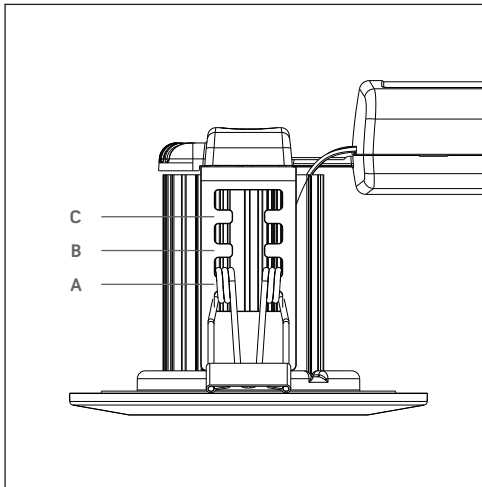
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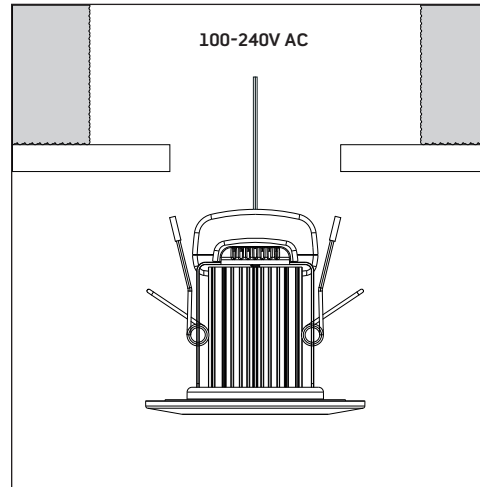
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HALERS
LIGHTING

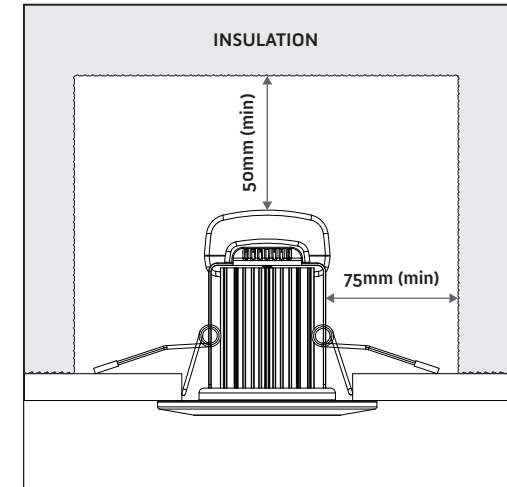
1. SPRING CLIP POSITION



2. PUSH SPRING CLIP UPWARDS



3. ALLOW ADEQUATE ROOM



PRODUCT FEATURES

- Integrated LED driver for straight to mains wiring.
- Input power 7.9w
- 100-240v AC, 50/60Hz input for LED driver.
- LIVE - BROWN WIRE. NEUTRAL - BLUE WIRE.
- Double insulated LED driver, no earth required.
- Suitable for 30, 60 and 90 minute fire-rated ceilings.
- Fire resistance tested for load bearing elements, part 2, BS EN 1365-2:2000.
- Complies with the following building regulations:
 - Part L - Energy conservation (Natural white version only)
 - Part P - Electrical safety
 - Part B - Fire Safety
 - Part C - Contaminants and Moisture
 - Part E - Acoustic (resistance to passage of sound)

INSTALLATION

- Halers Lighting recommend a max of 15 EvoLEDs per circuit when using Type B circuit breakers and a max of 35 EvoLEDs per circuit when using Type C circuit breakers. These figures are for guidance only. All installations must comply with the appropriate standards.
- Ensure that the area in which the unit is fitted will have adequate free air circulation. Minimum air gap around and above unit as shown in diagram 3.
- Terminal block not included. Installation may require advice from a qualified person.
- 100-240v AC, 50/60Hz input for LED driver.
- Cut a suitable hole in the ceiling for each unit. (For hole sizes see chart on right) Note: before cutting, ensure no positions are under joists, cables, pipes etc.

- For ceiling material thickness up to 20mm, the spring clips are fitted in position A, as shown in diagram 1. For thicknesses over 20mm and up to 25mm, fit the spring clips in position B. For thicknesses over 25mm and up to 38mm, fit the spring clips in position C.
- Disconnect mains supply prior to wiring.
- Connect the LED driver flying lead to the mains supply using a suitable connector or junction box. The weight of the unit should be supported when making connections.
- Push the spring clips upwards, insert the unit through the hole to secure unit into ceiling, as in diagrams 2 and 3.
- This unit must be fitted reasonably central to the hole, as shown in diagram 3. Extreme off-centre fitting will compromise the seal between the unit and the ceiling.

Product	Hole size (min)	Hole size (max)
EVOLED	60mm	70mm