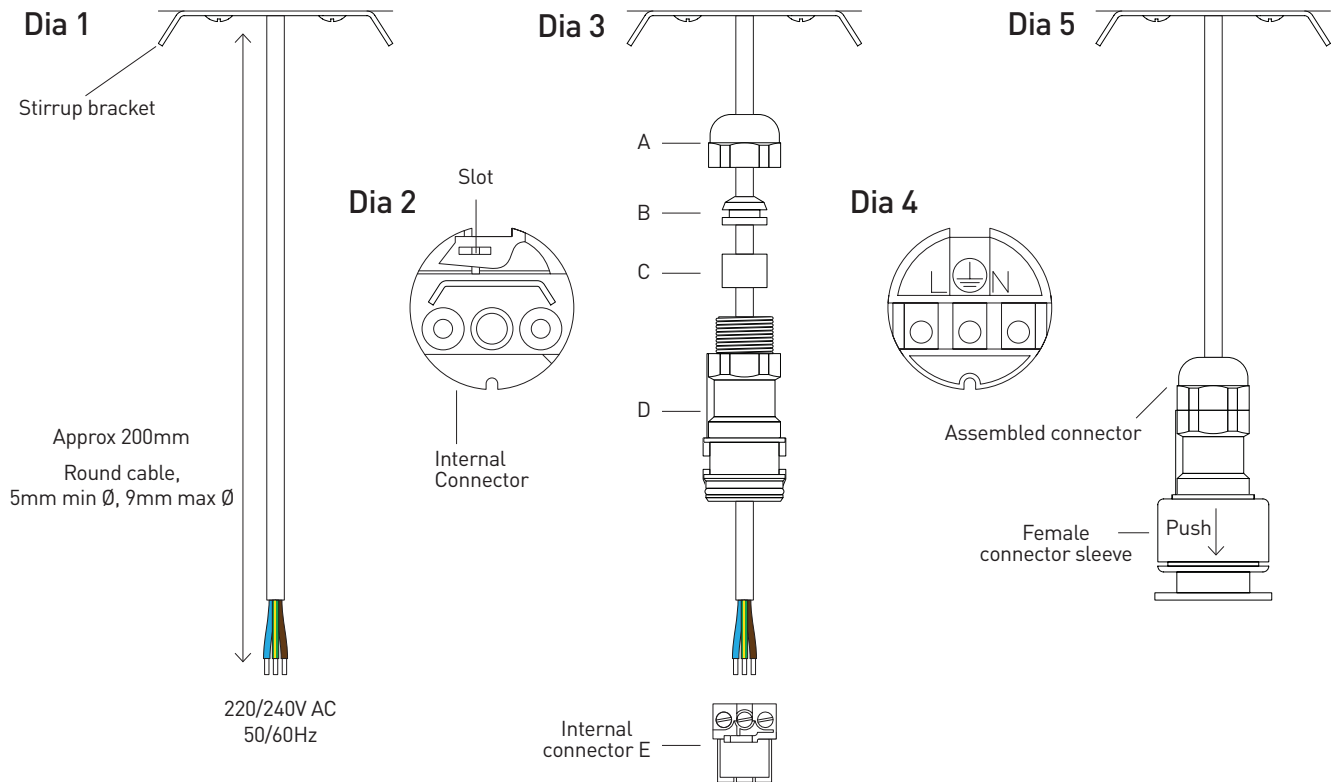


LARGE CEILING MOUNTED LED DOWNLIGHT

Installation instructions



1. Provide a 220-240V AC, 50/60Hz connection to each position where the unit is to be fitted. Use round cable, 5mm minimum diameter, 9mm maximum. Collingwood recommend approximately 200mm of cable should protrude from the ceiling to facilitate ease of fitting. NOTE - This fitting must be earthed.
2. Feed the mains cable through the central hole of the stirrup bracket, and using suitable screws/wall plugs, fix the bracket to the ceiling. (Dia 1) Four 6 x 50mm screws and wall plugs are supplied.
3. Insert a small flat screwdriver into the slot of the internal connector in the connector body (Dia 2). Using the screwdriver, rotate the inner part of the connector slightly anti clockwise, and pull it out of the connector body. NOTE - a 3mm standard flat electrical screwdriver is suitable.
4. Remove the nut A from the connector body D, then the tapered gland B, and finally the straight gland C.
5. Feed each part over the mains cable in turn (Dia 3), first nut A, then tapered gland B, straight gland C and connector body D.
6. Connect mains supply live, neutral and earth wires to the internal connector E. The internal connector is marked L, ⊕ and N. L = Live, ⊕ = Earth, N = Neutral. (Dia 4)
7. Insert the internal connector E back into the body D, and turn it clockwise until it 'clicks' into position.
8. Insert the straight gland C into the body, then the tapered gland B.
9. Screw the nut A onto the body D. Tighten the nut until the cable is firmly clamped.
10. Ensure the provided 4mm allen key is to hand before proceeding.
11. Firmly push the assembled connector into the female connector which is located inside the LED unit housing. Pull on the assembled connector to check if it is fully located. If it pulls out, it was not fully located and will need a firmer push. NOTE - If for any reason it is necessary to remove the assembled connector from the female part, push inwards on the sleeve of the female connector with a thumb and forefinger and pull the assembled connector out. (Dia 5)
12. Coil the mains cable inside the base of the LED unit, then position the base over the stirrup bracket.
13. Tighten each of the four grub screws at the base of the housing to fix the unit to the ceiling. IMPORTANT - tighten each grub screw gradually in turn to ensure they are all in similar contact with the stirrup bracket.
14. To rotate the position of the unit, slightly loosen each of the four grub screws, rotate the unit, then retighten the grub screws.