IMPORTANT INFORMATION

Vertigo® Range (PN/GR/SM/TM)



Ensure electrical supply is isolated before fitting and/or making any electrical connections. Luminaires should be disconnected from the mains supply before any High Voltage Insulation tests are carried out.

Due to the weight of these luminaires, ensure suitable fixings are used when installing!

Suspended (PN)

- 1. Mark the fixing holes and fit a suitable junction box (not supplied) to the mounting surface.
- 2. For the **Duet/Duet Linear** the fixing centres are 542/1102 x 60mm.
- 3. For the Quad/Quad Linear the fixing centres are 542/1102 x 104mm.
- 4. Make provision for fixing the luminaire to the mounting surface.

Ensure correct fixing method and bolts/screws are used for both the mounting surface type and the weight of the luminaire.

- 5. Separate the Suspension Bosses by unscrewing the wire retaining parts from the Ceiling Bosses.
- 6. Fix the Ceiling Bosses to the mounting surface.
- 7. Screw the wire retaining parts back into the Bosses ensuring they are screwed up tightly and unfurl the suspension wires.
- 8. Attach the Suspension Clutches to the luminaire and secure by tightening the Allen bolts in the side.
- 9. Pass the Suspension Wires through the Suspension Clutches by pushing down on the head.

The clutch will re-engage when head is released which will support the module temporarily.

- 10. Set the Luminaire to the specified height and level by adjusting each clutch accordingly.
- 11. Loosen the screw on the Connector Block Cover and slide right then lift to remove the cover.
- 12. Fit a suitable 20mm cable gland (not supplied) to the electrical knockout on the Connector Block Cover.
- 13. Feed a suitable mains/dimming cable (not supplied) through the cable gland and make the mains/dimming connections to the Connector Block according to the information on the label and wire back to junction box.
 - For Emergency versions the battery connection should be made only when a permanent mains supply is in place.
- 14. Locate the 2 lugs on the connector Block Cover into the body and drop the cover down over the screw head. Slide to the left and tighten the retaining screw to secure the cover.
- 15. Reconnect the electrical supply and test the installation.

Gripple (GR)

- 1. Mark the fixing holes and fit a suitable junction box (not supplied) to the mounting surface.
- 2. For the Duet/Quad the fixing centres are 542mm.
- 3. For the **Duet Linear/Quad Linear** the fixing centres are 1102mm.
- 4. Make provision for fixing the luminaire to the mounting surface.

Ensure correct fixing method and bolts/screws are used for both the mounting surface type and the weight of the luminaire.

- 5. Feed the Gripple suspension wires (not supplied) through the holes in the brackets at each end of the luminaire.
- 6. Secure and adjust the Gripple suspension wires in accordance with manufacturer's guidelines.
- 7. Set the Luminaire to the specified height and level by adjusting accordingly.
- 8. Loosen the screw on the Connector Block Cover and slide right then lift to remove the cover.
- 9. Fit a suitable 20mm cable gland (not supplied) to the electrical knockout on the Connector Block Cover.
- 10. Feed a suitable mains/dimming cable (not supplied) through the cable gland and make the mains/dimming connections to the Connector Block according to the information on the label and wire back to junction box.

For Emergency versions the battery connection should be made only when a permanent mains supply is in place.

- 11. Locate the 2 lugs on the Connector Block Cover into the body and drop the cover down over the screw head. Slide to the left and tighten the retaining screw to secure the cover.
- 12. Reconnect the electrical supply and test the installation.



IMPORTANT INFORMATION

Vertigo® Range (PN/GR/SM/TM)



Ensure electrical supply is isolated before fitting and/or making any electrical connections. Luminaires should be disconnected from the mains supply before any High Voltage Insulation tests are carried out.

Due to the weight of these luminaires, ensure suitable fixings are used when installing!

Surface (SM)

- 1. Mark the fixing holes and fit a suitable junction box (not supplied) to the mounting surface.
- 2. For the **Duet/Duet Linear** the fixing centres are 542/1102 x 45mm.
- 3. For the Quad/Quad Linear the fixing centres are 542/1102 x 90mm.
- 4. Make provision for fixing the luminaire to the mounting surface.
 - Ensure correct fixing method and bolts/screws are used for both the mounting surface type and the weight of the luminaire.
- 5. Remove both Surface Brackets from the luminaire by loosening the four Screws and Serrated Washers and retain the Screws and Serrated Washers
- 6. Fit the Surface Brackets to the mounting surface.
- 7. Loosen the screw on the Connector Block Cover and slide right, then lift to remove the cover.
- 8. Fit a suitable 20mm cable gland (not supplied) to the electrical knockout on the Connector Block Cover.
- 9. Offer the Connector Block end of the luminaire up to the Surface Bracket adjacent to the junction box.
- 10. Fit the luminaire to the Surface Bracket using two of the Screws and Serrated Washers previously removed but do not fully tighten.
 Ensure that the luminaire is secured before moving to the next stage.
- 11. Feed a suitable mains/dimming cable (not supplied) through the cable gland and make the mains/dimming connections to the Connector Block according to the information on the label and wire back to junction box.
 - For Emergency versions the battery connection should be made only when a permanent mains supply is in place.
- 12. Locate the 2 lugs on the Connector Block Cover into the body and drop the cover down over the screw head. Slide to the left and tighten the retaining screw to secure the cover.
- 13. Swing the luminaire up and fit to the second Surface Bracket using the remaining two Screws and Serrated Washers previously removed.
- 14. Tighten all four screws ensuring that the Serrated Washers are between each Screw head and the Surface Brackets.
- 15. Reconnect the electrical supply and test the installation.

Trunking (TM)

- 1. Insert and fit trunking suspension plates (not supplied) and 20mm bushes (not supplied) at the required fixing centres.
- 2. For the **Duet/Quad** the fixing centres are 513mm.
- 3. For the Duet Linear/Quad Linear the fixing centres are 1073mm.
- 4. Fit a suitably insulated connector block (not supplied) inside the trunking.
- **5.** Loosen the screw on the Connector Block Cover and slide right, then lift to remove the cover.
- 5. Fit a suitable 20mm cable gland (not supplied) to the electrical knockout on the Connector Block Cover.
- Feed a suitable mains/dimming cable (not supplied) through the cable gland and make the mains/dimming connections to the Connector Block according to the information on the label.
- 8. Locate the 2 lugs on the Connector Block Cover into the body and drop the cover down over the screw head. Slide to the left and tighten the retaining screw to secure the cover.
- 9. Offer the luminaire up to the bushes and locate.
- 10. Support the luminaire whilst fitting the 20mm nuts.
- 11. Make the mains/dimming connections to the trunking connector block.
 - For Emergency versions the battery connection should be made only when a permanent mains supply is in place.
- 12. Reconnect the electrical supply and test the installation.



TECHNICAL: (0191) 280 9914 E-MAIL: technical@hacel.co.uk WEB: www.hacel.co.uk