

OREGON LUMINAIRE & ATTACHMENTS INSTRUCTIONS Issue 01 on 13th November 2009

THANK YOU for buying this product. To help ensure it gives complete satisfaction please install it according to these instructions, and then pass the instructions to the appropriate person for retention and future reference.

SAFETY This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance the electrical supply to the product must be isolated.

WARRANTY This product is warranted to be free of defects in materials, design and workmanship for 12 months from the date of purchase. If a suspected fault should develop in this time, please contact us at the address above. This warranty does not extend to consumable items such as lamps and fuses.

INSTALLATION SUPPORT If installation advice or accessories are required, please also contact us at the above address. We will do our best to help. When reporting a suspected fault or seeking installation support, the problem is likely to be resolved most quickly if you have full product details to-hand, as well as details of when and where it was purchased.

LUMINAIRE INSTALLATION

1. The luminaire is able to be fixed via the following methods; once chosen, prepare the ceiling/mounting points ensuring the chosen fixing surface/mechanism is sufficient to support the luminaire weight:
 - **Chain, Rod or Wire suspension:** 20mm & 10mm holes are provided in each corner of the base of the luminaire. You should be able to connect your chosen suspension method without having to enter or disassemble the housing.
 - **End suspension brackets** (for Trunking & Bus-bar): The luminaire comes complete with a suspension bracket mounted to each end of the product in its transit position. This can be removed by undoing the 2-off M5 screws & then orientating to provide either a central 20mm or 11mm diameter hole. The screws then need to be put back in to secure the chosen position. Offer up to fixing point & secure.
For the longer variants extra holes are provided along the centre line for additional fixing points to provide more support if required. The central reflector troughs will need to be removed to expose these. This is done by loosening the reflector screws, sliding on the keyhole slots & removing.
 - **Besa fixing points:** These will need to be exposed by removing certain reflector troughs. This is done by identifying the appropriate reflectors, loosening the reflector fixing screws, sliding on the keyhole slots then fully remove. Offer the fitting up to the fixing surface & secure then refit the reflectors.
 - **Keyholes slots** (PLL versions only): These are located in each corner on the base & accessed via the terminal compartment at one end & in the gap between the end of the reflectors & the end of the body enclosure at the other end. Offer up to mounting surface & fix using screws with a head size that will not pull through the smaller aperture of the keyhole slot.
2. Mains supply connection is achieved via one of the following methods:
 - **Pluggable GST connector (Optional extra):** If this option has been chosen then a panel mounted connector will be fitted to the base of the luminaire. This will be a Wieland or Metway GST male 4-pole 16A rated connector. Simply plug in an appropriate mating female connector with the mains feed connected, ensuring correct polarity is observed.
These are available along with a range of wiring accessories from NVC.
 - **Standard terminal block connection:** Open the terminal compartment to expose the terminal block by loosening the M4 screws on the end of the fitting & hinging open the terminal cover plate. Pass the mains supply cable through one of the cable entry points in the terminal end box, route to the fused terminal block & terminate as indicated, ensuring correct polarity is observed.
Close the terminal cover plate & tighten the M4 screws to secure in place.

WARNING: THIS LUMINAIRE MUST BE EARTHED

3. If lamps are not fitted, then:
 - For T5, locate the pins at both ends of the lamp into the lampholders & rotate 90° to secure
 - For PLL, align the pins & push-fit into the lampholder then locate the other end into the lamp support bracket. Now locate the lamp securing device (supplied in separate bag) to each lampholder.
4. Reconnect power supply & check for correct operation. As these luminaires are fitted with electronic ballasts they are exempt from insulation resistance tests, as this may cause damage to the ballast.

ATTACHMENT INSTALLATION - PC COVER PANEL OR WIREGUARD

The following installation guide assumes you already have an Oregon luminaire installed as per the LUMINAIRE INSTALLATION instructions detailed on Page 1:

1. Remove the L shaped attachment bracket (located on end opposite to terminal block) by loosening the M4 screws, sliding slightly to the side & then pulling away.
2. Slide in the PC cover panel from the end of the luminaire, ensuring the end locates on top of the support tab at the terminal end of the luminaire.
3. Replace the attachment bracket & tighten the screws to secure in place.

MAINTENANCE

1. Any failed lamps should be replaced promptly to avoid irreparable damage to the luminaire.
2. Lamps should be replaced on a planned maintenance schedule.
3. Cleaning should be carried out at regular intervals so as not impair photometric performance or thermal safety of the luminaire.

WARNING: Ensure luminaire is switched off & suitably cooled down before carrying out any maintenance work