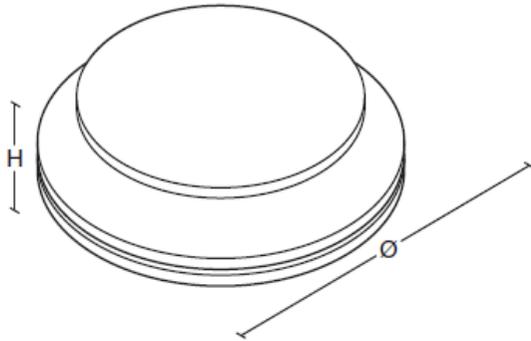


GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) This unit must be EARTHED.
- 3) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 4) Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid
- 5) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
- 6) After switching product off, wait for at least 10 seconds before re-ignition.

Dimensional Properties



Version	Ø	H	KG	KG 
Standard	538	168	3.9	4.3
Bezel	596	168	4.4	4.8
Feature ring	680	168	4.1	4.5

TECHNICAL SUPPORT

Telephone: 0161 331 5700

E-mail: technical@whitecroftlight.com

<http://www.whitecroftlighting.com/>

Whitecroft
lighting

Convor LED



CIRCULAR SURFACE MOUNTED OR
SUSPENDED LUMINAIRE
Installation Instructions

PK/LEAFLETCONLED

October 2012- Revision B



Whitecroft Lighting Limited

Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX
Telephone +44 (0)870 5 087 087 Facsimile: +44 (0)870 5 084 210

Registered No. 3848973 England

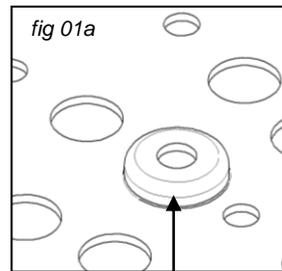
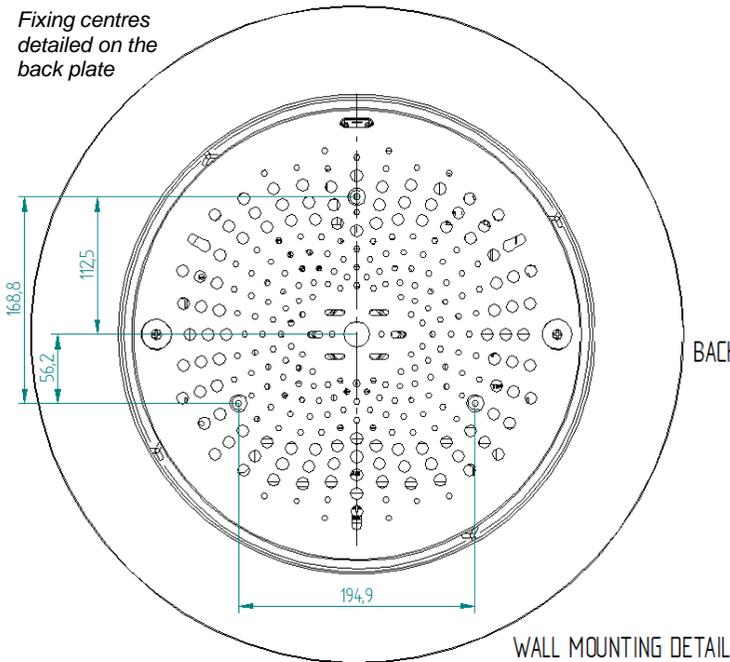
Registered Office: As above

SPECIFICATION

Lamp type	4x LED Boards
Power	F/O & DALI: 46.6W EM: 50W

Finish:	Luminaire - Silver RAL 9006 30% gloss polyester powder-coat.
Materials:	Luminaire - Aluminium Spun sheet
Supply:	240V
Operating temp:	25°C
Connection:	Terminal block
Control:	Fixed output, DALI or Command Q5 Microwave Sensor.
Ingress protection:	IP40

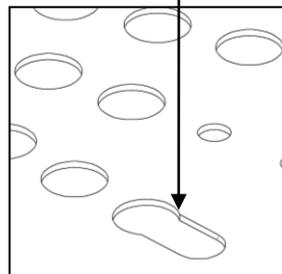
DIMENSIONS & FIXING-HOLE CENTRES



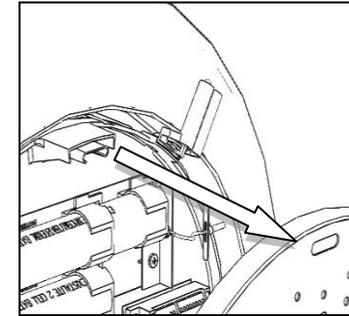
3 x Fixing holes through for **surface** fixing are protruding from the top face

BACK VIEW

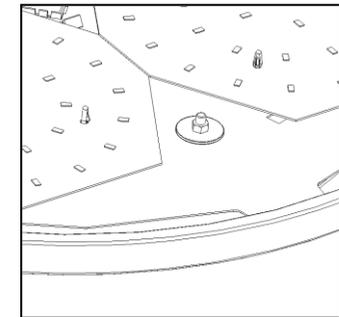
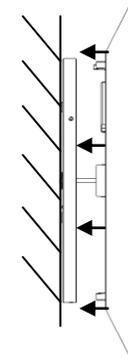
3 x Fixing holes through for **suspended** fixing are *key hole* shaped.



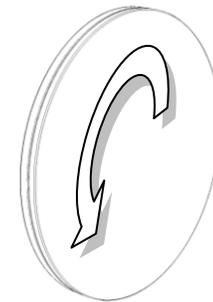
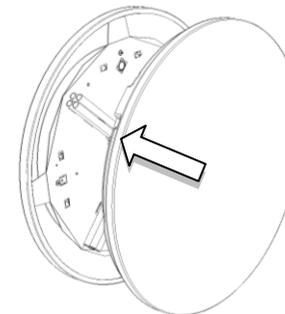
7. Raise the *main body* up to the wall plate, and match up the extended slot feature on the body with the slot feature on the *back plate* to ensure product is oriented correctly.



8. Now, guide the cylindrical features on the body over the two bolts protruding from the *back plate*. When the body is fully pushed on, the ends of the bolts should protrude past the front face of the body beside the LED boards. When this is achieved, first add a washer, and then screw and M5 nut onto the end of the bolt (*do not over-tighten*). Do this for both bolts.

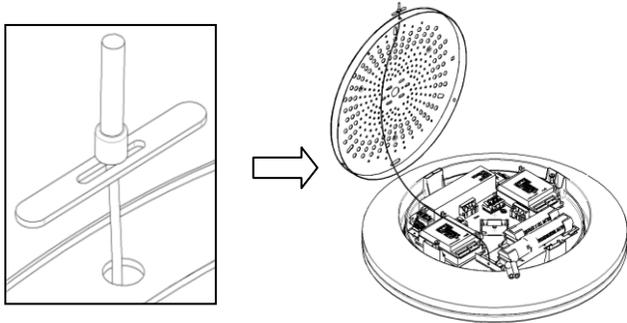


9. When the product is secured and safe, the *diffuser* can be attached. If a feature ring/bezel needs to be fitted, slot it over the diffuser. Then, offer the diffuser up to the main body and position the four slots over the four arms on the front face. Turn the diffuser **anti-clockwise** to tighten it, until it stops.

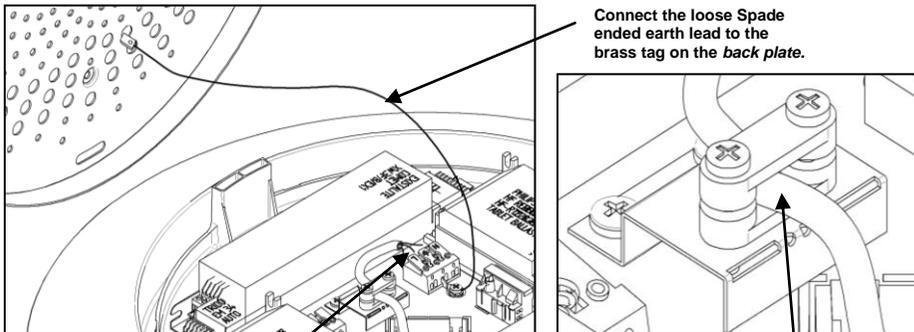


Please note: All images shown are for illustration purposes only and should be used as a reference guide.

5. Raise the *main body* up to the mounted/suspended *back plate*, and connect the *support wire* through one of the three holes around the rim of the plate. *The main body can now be hung from this wire.* Connect the loose earth lead to the brass tag on the *back plate*.



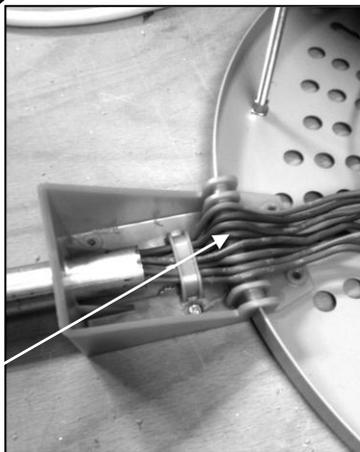
6. Connect the electrical contacts to their relevant terminals within the product, and then secure the main cable with the *cable clamp*. **During this step, take care not to damage the front face of the product by allowing it to collide with the wall.** For **conduit entry**, thread the electrical wires through the bracket as shown in the image below (*bottom*), then wire into the appropriate terminals in the *main body*.



Connect L-E-N (and DALI connections if applicable) to appropriate terminals.

Secure power cable with *cable clamp*.

Cables must be laid flat over the curved feature on the bracket to allow the *main body* to fit.

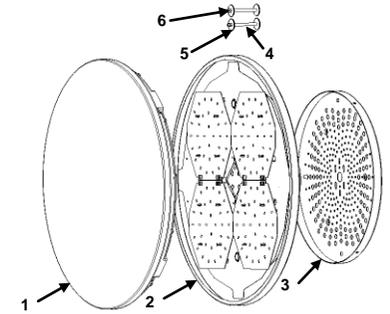


INSTALLATION DETAILS

Please note the illustrations used within the installation details are based on the LED luminaire. However the installation notes are applicable to all Convor variants.

In the box you should find the following parts:

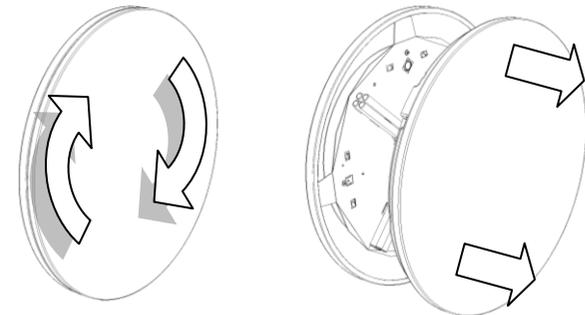
1. Diffuser
2. Main Body
3. Metal perforated back plate
4. 2x M5X70mm Countersunk Bolts
5. 4x 25mm diameter Washers
6. 2x M5 Hexagonal Nuts



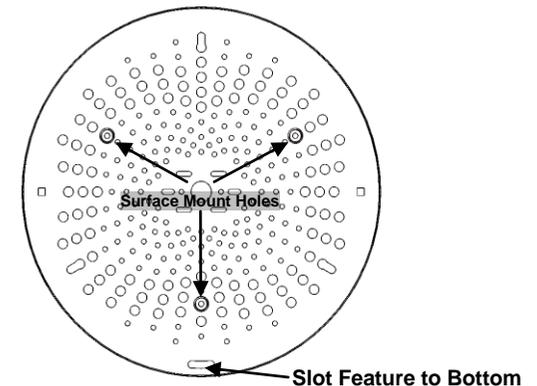
SURFACE / WALL MOUNTED LUMINAIRE (CONCEALED CABLE)

For Suspension or Conduit Entry instructions, please see pages 4 or 5 respectively.

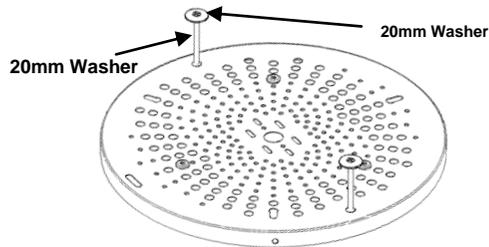
1. Remove the *diffuser* by rotating it in a **clockwise** direction until a stop is felt, then lift off.



2. Align *back plate* with wall in orientation shown (**note slot position on diagram**), then mark and drill fixing holes. **To allow the EM LED to be visible, slot feature must be at 6 o'clock position.**



- Remove the *back plate* from the wall. Put a *washer* onto each *M5x70mm bolt*, then insert both bolts all the way through the *back plate (from back to front)*.



- Feed the power cable through the central hole. Re-align the *back plate* with the drilled holes, and fix securely to wall.

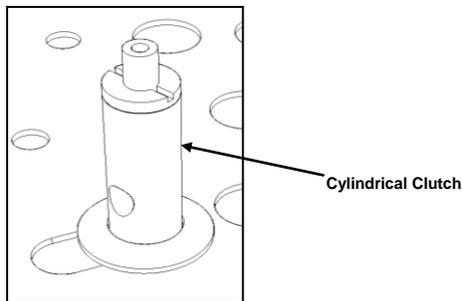
Now, go to step 5 (page 6).

SUSPENDED LUMINAIRE

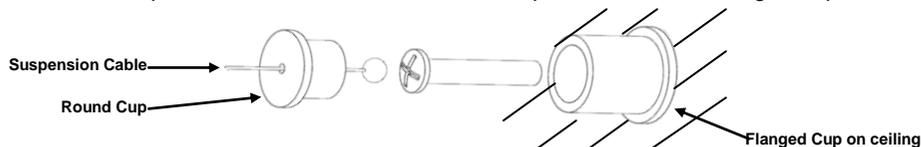
The suspension kit (*supplied separately*) should contain the following parts:

- 3x *Flanged Cups*
- 3x *Round Cups*
- 3x *Steel Suspension Cables*
- 3x *Cylindrical Clutches*
- 3x *Washers*
- 3x *Nuts*

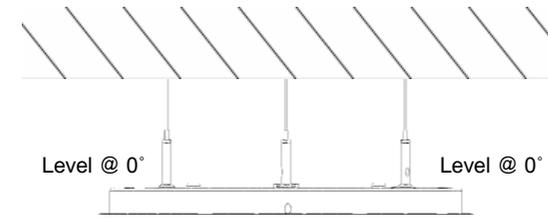
- Choose preferred orientation of product. Mark the locations of the three keyhole-shaped suspension centres on the *back plate* (see page 2) onto the ceiling, and drill.
- Secure the three *cylindrical clutch* components to the back of the *back plate*, using the *washers* and *nuts* provided in the kit. The washers and nuts go on the inside of the plate.



- Screw the three *flanged cups* into the drilled holes. Thread a *suspension cable* through each of the *round cups* as shown, and then screw the cups onto the fixed flanged cups.



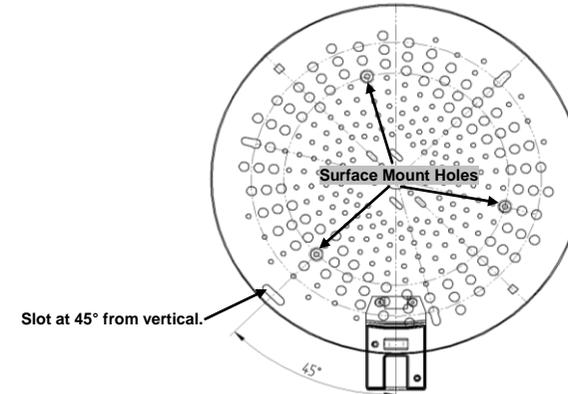
- Offer the *back plate* up to the hanging *suspension cables*. Thread each cable through its corresponding clutch mechanism to the desired height, then level off the back plate and trim the excess cable.



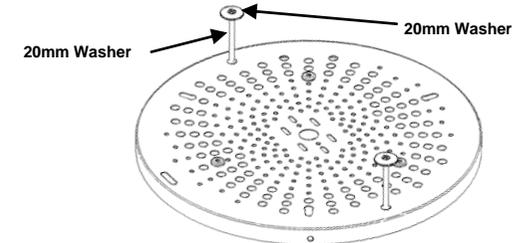
Now, go to step 5 (page 6).

CONDUIT ENTRY

- Offer the *back plate* up to the mounting surface, with the slot at 45° from vertical at the bottom of the product as shown. Mark and drill the mounting holes.



- Remove the *back plate* from the wall. Put a *washer* onto each *M5x70mm bolt*, then insert both bolts all the way through the *back plate (from back to front)*.



- Re-align the *back plate* with the drilled holes, and fix securely to the wall.
- Fix the *conduit bracket* to the wall in the desired position by drilling through the provided holes and securing with two screws. The channel feature on the bracket slots over the edge of the *back plate*.

Now, go to step 5 (page 6).