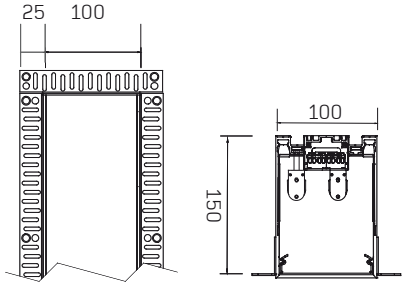
whitegoods

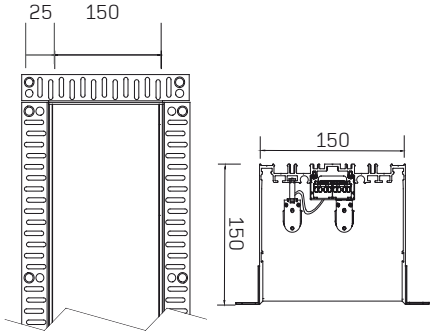
installation instructions
100/150 linear plaster-in:

P100L-(length) **P150L-(length)**

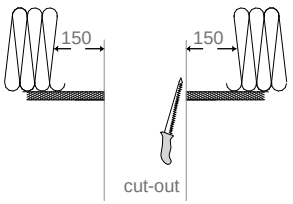
100 cut-out:
length +20mm x 120mm



150 cut-out:
length +20mm x 170mm



Registration number is WEE/FG0362QY



P100/150LDL – (mm)

- All linear flourescent luminaires require support from above as shown, supports to be spaced at 1.5 meter maximum intervals, ideally between 750 - 1200mm. The housing is provided with a hole from the suspension, additional hole can be added by the contractor if required.

- Care must be taken when plastering the housing that no excess plaster is applied on the inside of the luminaire as this is detrimental to the operation of the luminaire.

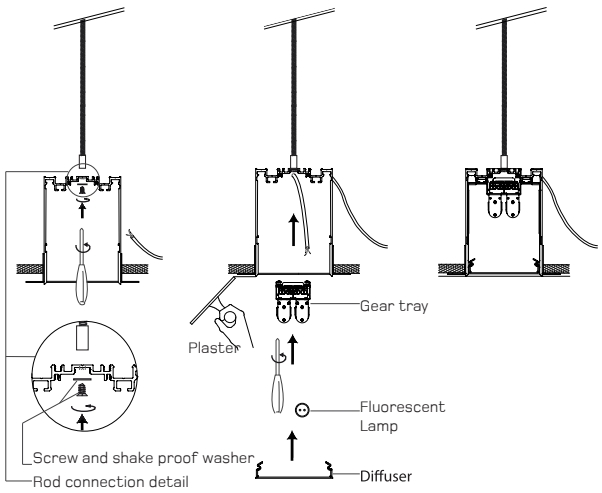
- Mains power supply to enter through end plate grommit hole.

- During installation the aperture width of the luminaire must be maintained consistantly (as per the diffuser template supplied) along the complete length of the luminaire.

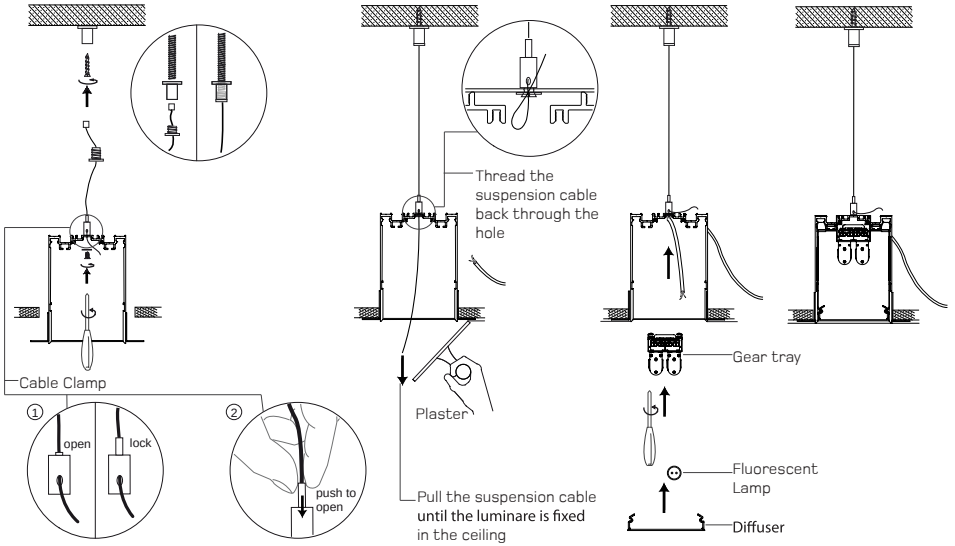
- Every 10 meters of linear fluorescent luminaire requires its own dedicated mains power input. An additional hole (use free issued grommet) should be made in the topside of the extrusion body to feed the mains power cable through. The hole does not have to compromise the appearance and mechanical function of the luminaire.

- During installation the aperture width of the luminaire must be maintained at consistantly (as per the diffuser template supplied) along the complete length of the luminaire.

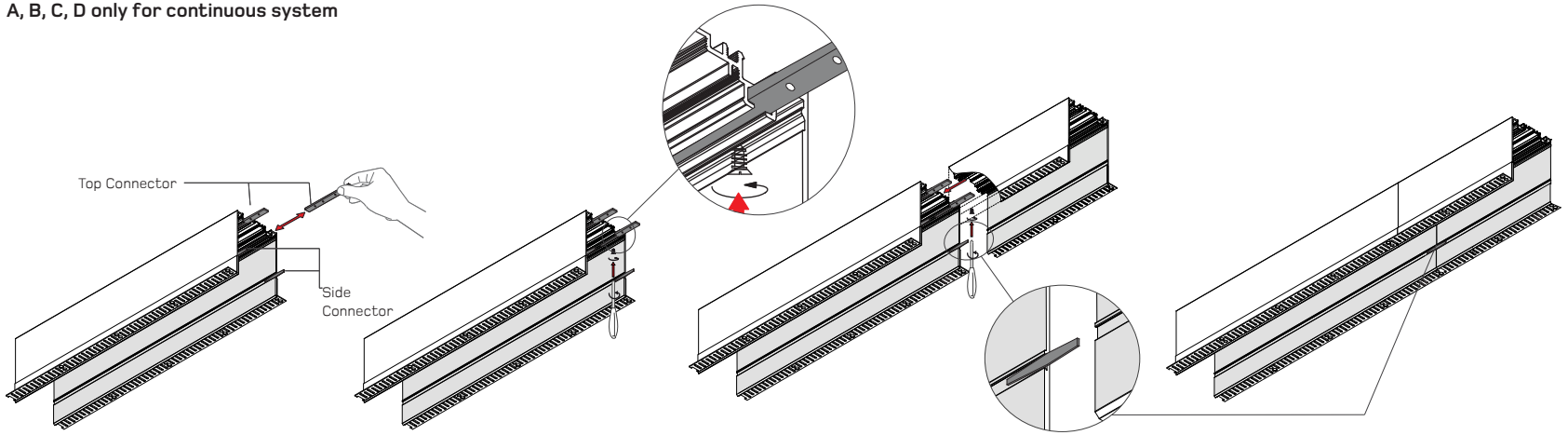
THREADED ROD MOUNTING to be installed in the 5.5mm hole
(rod not free issued)



CABLE MOUNTING (optional) to be installed in the 5.5mm hole



A, B, C, D only for continuous system



Ⓐ Slide top connector into position. Side connectors already in position.

Ⓑ Screw top connector into place.

Ⓒ Attach additional linear frame using the top and side connectors. Screw into place using the top connector.

Ⓓ Repeat stage A, B, C for continuous linear system.

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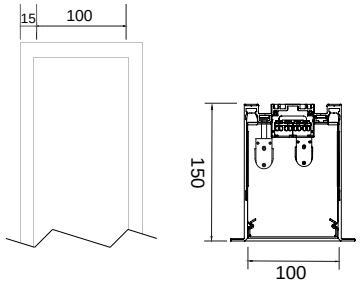
installation instructions
100/150 linear bezel:

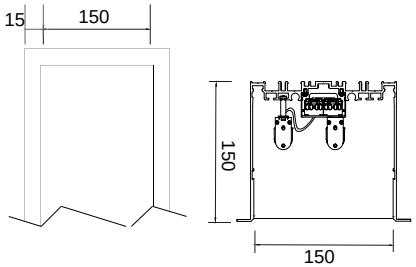
B100LDL6-214 / B150LDL6-214
B100LDL9-221 / B150LDL9-221
B100LDL12-228 / B150LDL12-228
B100LDL15-235 / B150LDL15-235
B100LDL18-421 / B150LDL18-421
B100LDL24-428 / B150LDL24-428
B100LDL30-435 / B150LDL30-435

TB100LDLHE-(mm) / TB150LDLHE-(mm)

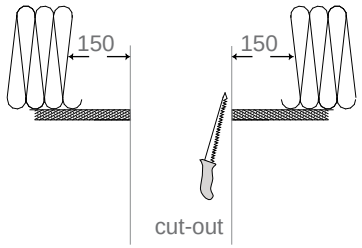
cut-out:
length +20mm x 120mm



cut-out:
length +20mm x 170mm



Registration number is WEE/FG0362QY



TB100/150LDL – (mm)

- All linear flourescent luminaires require support from above as shown, supports to be spaced at 1.5 meter maximum intervals, ideally between 750 - 1200mm. The housing is provided with a hole from the suspension, additional hole can be added by the contractor if required.

- Mains power supply to enter through end plate grommit hole.

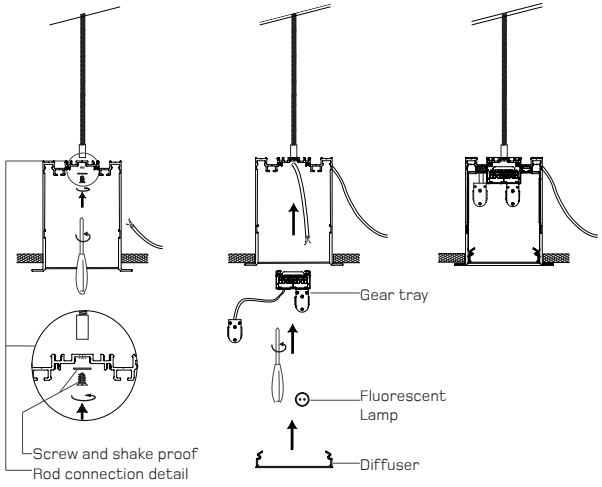
- During installation the aperture width of the luminaire must be maintained consistantly (as per the diffuser template supplied) along the complete length of the luminaire.

- Every 10 meters of linear fluorescent luminaire requires its own dedicated mains power input. An additional hole should be made in a desired location on the topside of the extrusion body to feed the mains power cable through (free issued grommet need to be used). The hole does not have to compromise the appearance and mechanical function of the luminaire.

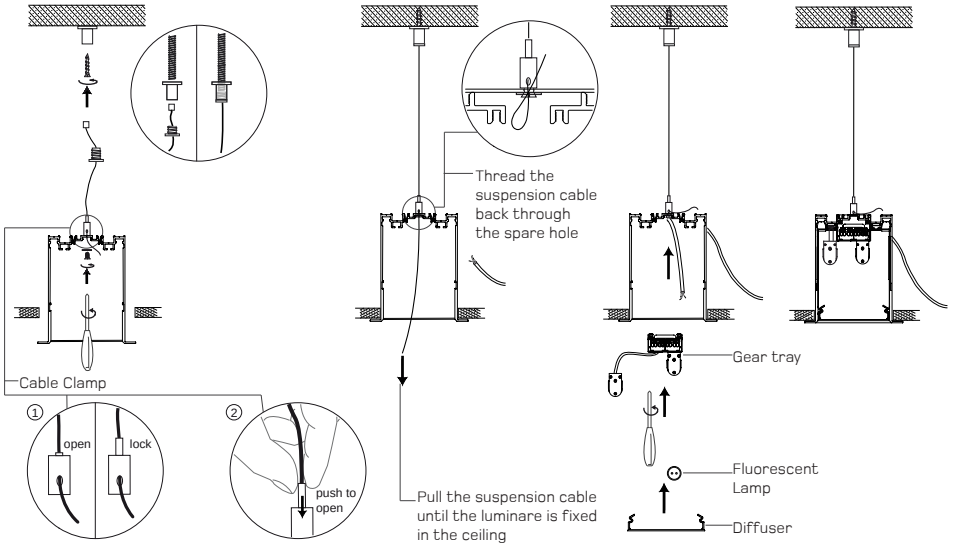
- During installation the aperture width of the luminaire must be maintained at consistantly (as per the diffuser template supplied) along the complete length of the luminaire.

THREADED ROD MOUNTING to be installed in the 5.5mm hole

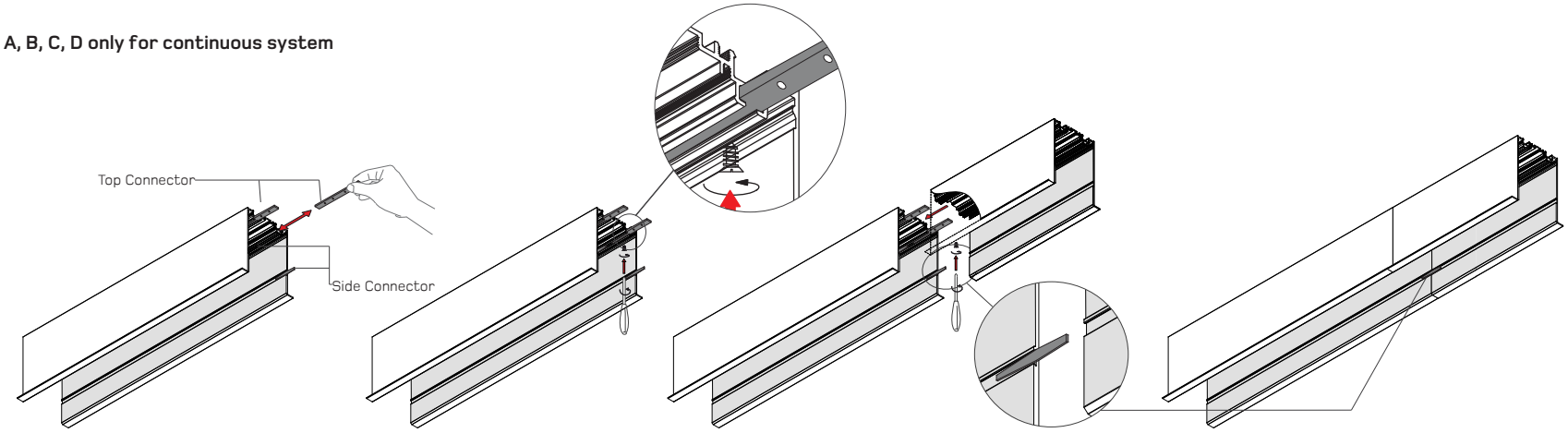
(rod not free issued)



CABLE MOUNTING (optional) to be installed in the 5.5mm hole



A, B, C, D only for continuous system



Ⓐ Slide top connector into position. Side connectors already in position.

Ⓑ Screw top connector into place.

Ⓒ Attach additional linear frame using the top and side connectors. Screw into place using the top connector.

Ⓓ Repeat stage A, B, C for continuous linear system.

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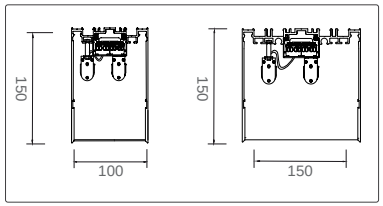
Gear Tray Installation Instructions 100/150 Linear (twin lamp):



⚠ Ensure all mains power is switched off at source.

⚠ Do not attempt installation or maintainance on electrically live product.

⚠ Installation and maintainance to be carried out only by a qualified electrician or electrical contractor.

Ⓐ Attach gear trays together using the mains link cable.
Conect the gear tray to the linear housing; 'click' into position.

Ⓑ Secure the gear tray using the screws built into the gear tray.

Ⓒ Connect the lamp trays to the gear tray using the lamp tray clips; 'click' into position.

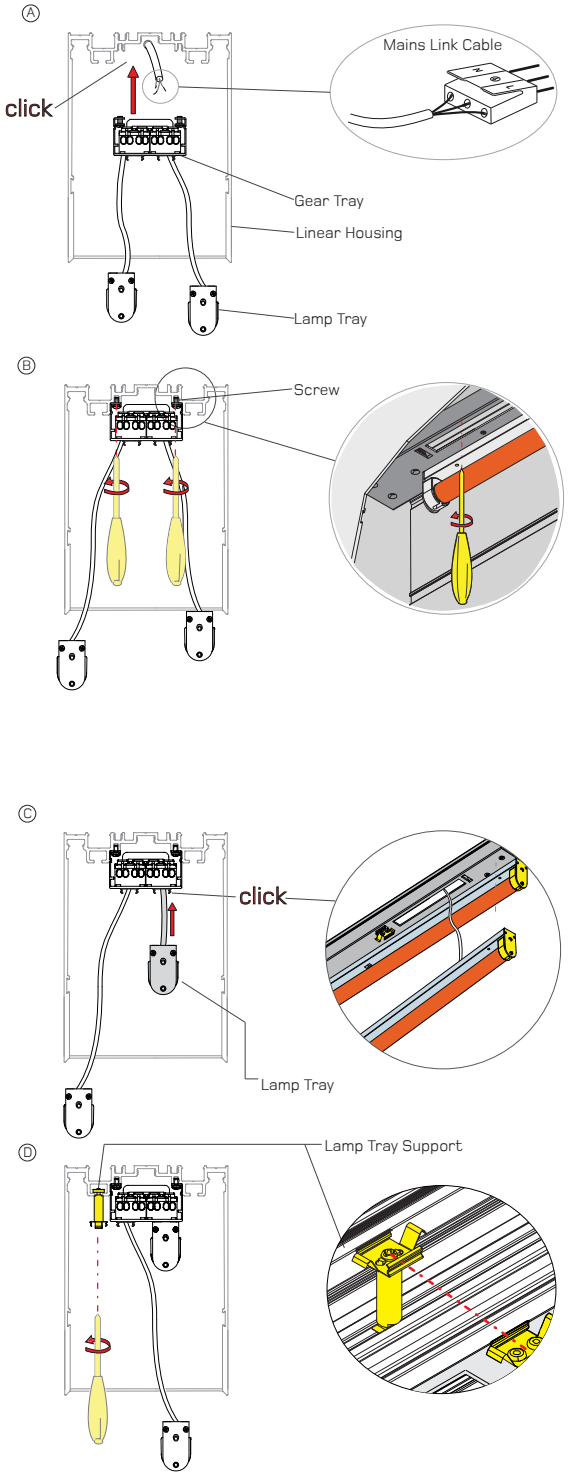
Ⓓ To achieve four lamp cross section overlapping, screw lamp tray supports into position. Two per linear frame (be sure to align lamp tray supports with lamp tray clips on gear tray body).

Ⓔ Remove one lamp tray per gear tray and connect to lamp tray supports; 'click into position.

Ⓕ Ensure end lamps reach the end of the linear of frame, slide into position.*

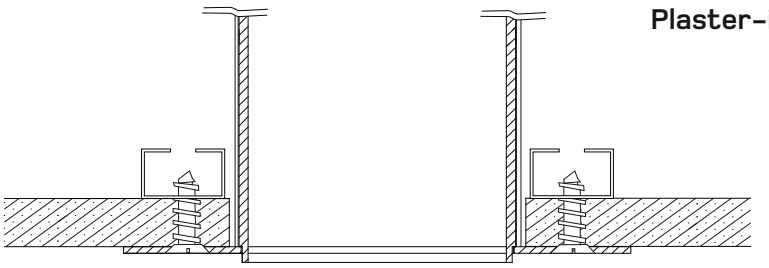
Ⓖ Slide lamps into overlapping configuration (refer to sign off drawing).

* For Easier installation the T5 lamp can be added once the lamp tray is in position.

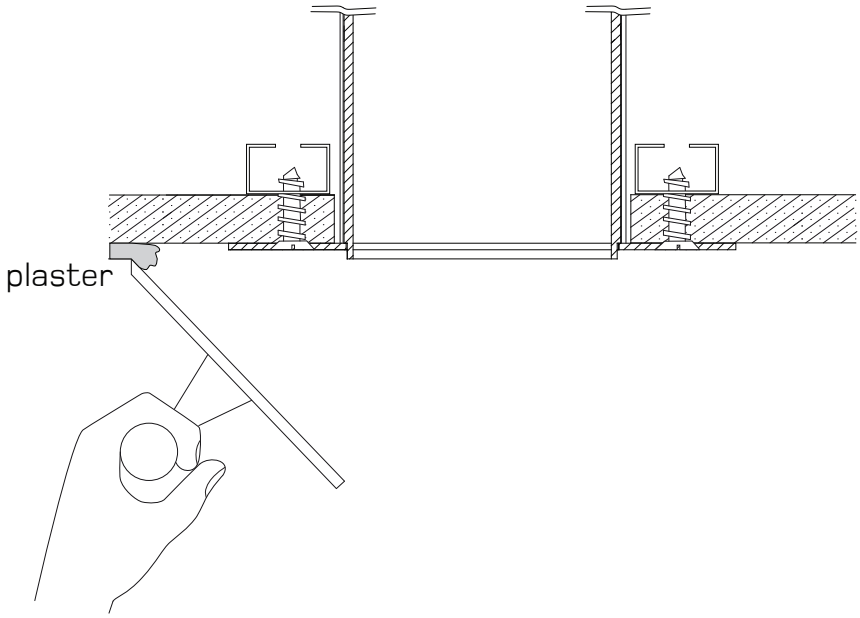


Plaster-in finish instructions

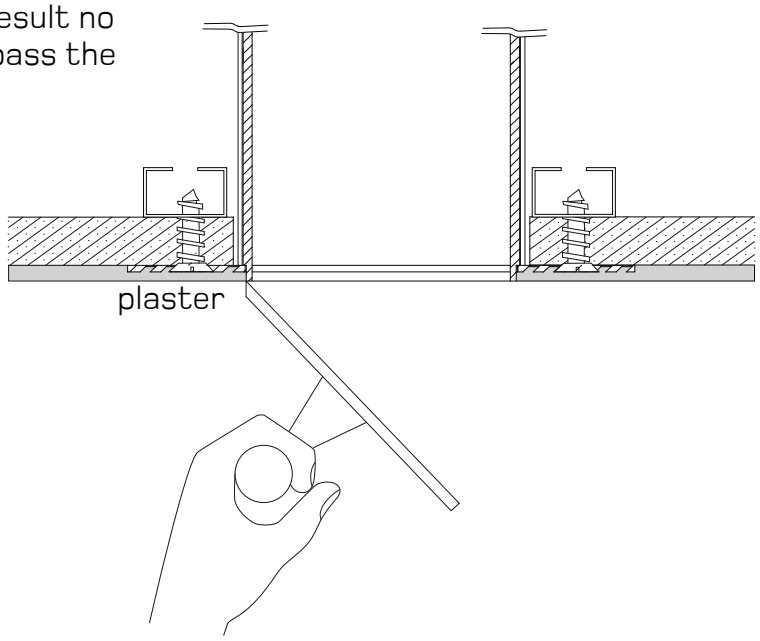
1. Ensure the housing is fixed securely in place

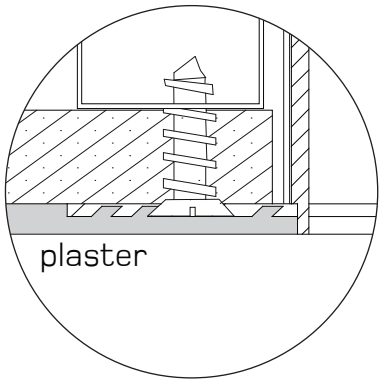


2. Distribute an even amount of plaster that conceals the trim of the housing.

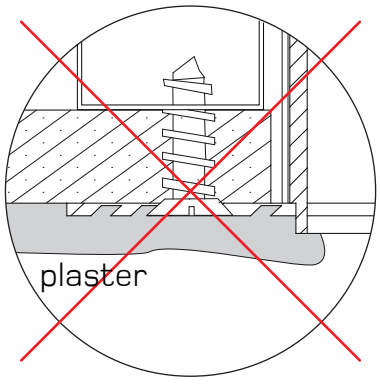


3. Ensure there is a smooth and neat finish at the edge of the housing. To achieve the correct result no plaster is to pass the housing lip





Correct finish



Incorrect finish

Installation

The installation of these products should only be carried out by a suitably qualified electrician in accordance with the instructions supplied with the product. All installation instructions can be downloaded from our website. We recommend that they are included with construction issue drawings and specifications.

Ceiling void depths for recessed downlights and linear luminaires: The Ceiling void depth should ideally be 25mm deeper than the overall height of the luminaire. When a fire-hood and/or a remote emergency pack is to be used, the void depth and space surrounding the luminaire will need to be increased.

Dimensions and specification

The drawings, dimensions and finishes of the products in this catalogue and any accompanying information are purely indicative. Great care is taken to provide up to date information in this publication, however, due to a continuing programme of design and development, we reserve the right to change these dimensions without prior notice. Please check the website for most up to date information. If a dimension is critical to the success of your project, please confirm it directly with the technical department. Throughout this publication, cut-out sizes refer to the aperture required when fittings are mounted in soft plasterboard. For fibrous tiles, timber, metal tiles and cast-in construction, check dimensions on site, or ask for a sample. Whitegoods reserves the right to discontinue any product in this publication at any time without prior notice.

Performance

All photometric data supplied is taken from a standard production luminaire tested under ideal laboratory conditions and may vary from data taken in alternative conditions. All calculated light levels and/or lighting plots provided are offered for guidance only. The customer must satisfy themselves that luminaires proposed are suitable for the application intended in all performance and physical criteria.

Temperature and physical environment

All products are tested with stated lamp wattage. Incorrect lamp types and wattages may effect efficiency, create glare and seriously overheat the luminaire. Adequate ventilation and free air space around fittings (in accordance with the installation instructions supplied with the product) will be necessary when used in confined spaces where elevated temperatures will occur. All luminaires are designed to operate in a maximum 30degree ambient temperature. Operating in ambient temperatures above this can affect performance and the mechanical functionality of the luminaire.

Intellectual property

In order that we can continue to develop innovative quality products, we believe it is of critical importance that we protect our ideas and visions. Therefore any infringement of our intellectual property will be vigorously pursued.

Returns

We cannot offer refunds on Custom or Tailored products, Standard product may be eligible for re-stocking within 3 months of original purchase date, subject to a 30% handling charge. All original packaging and documentation must be present and goods must be in original condition.

Service

Whitegoods will endeavor to fulfill all orders as quickly as possible and treat all customers with the highest regard. For further information about Whitegoods products and services, please visit www.whitegoods.com.

WEEE directive

The Waste Electrical and Electronic Equipment Directive (WEEE Directive) is the European Community directive 2002/96/EC on waste electrical and electronic equipment, together with the RoHS Directive 2002/95/EC which became European Law in February 2003, setting collection, recycling and recovery targets for all types of electrical goods. This imposes responsibility for the disposal of waste electrical and electronic equipment (WEEE) on the manufacturers of such equipment. To meet these targets Whitegoods has become a member of Lumicom to allow us to meet the current and future directives. For further information on the WEEE directive please contact our offices.
WEEE Registration number is WEE/FG0362QY