

Whitecroft  
lighting



Installation sheet  
HELM

PK/LEAFLET/HELM

Rev F May 2025



**Whitecroft Lighting Limited**

Burlington Street, Ashton-under-Lyne, Lancashire

OL7 0AX

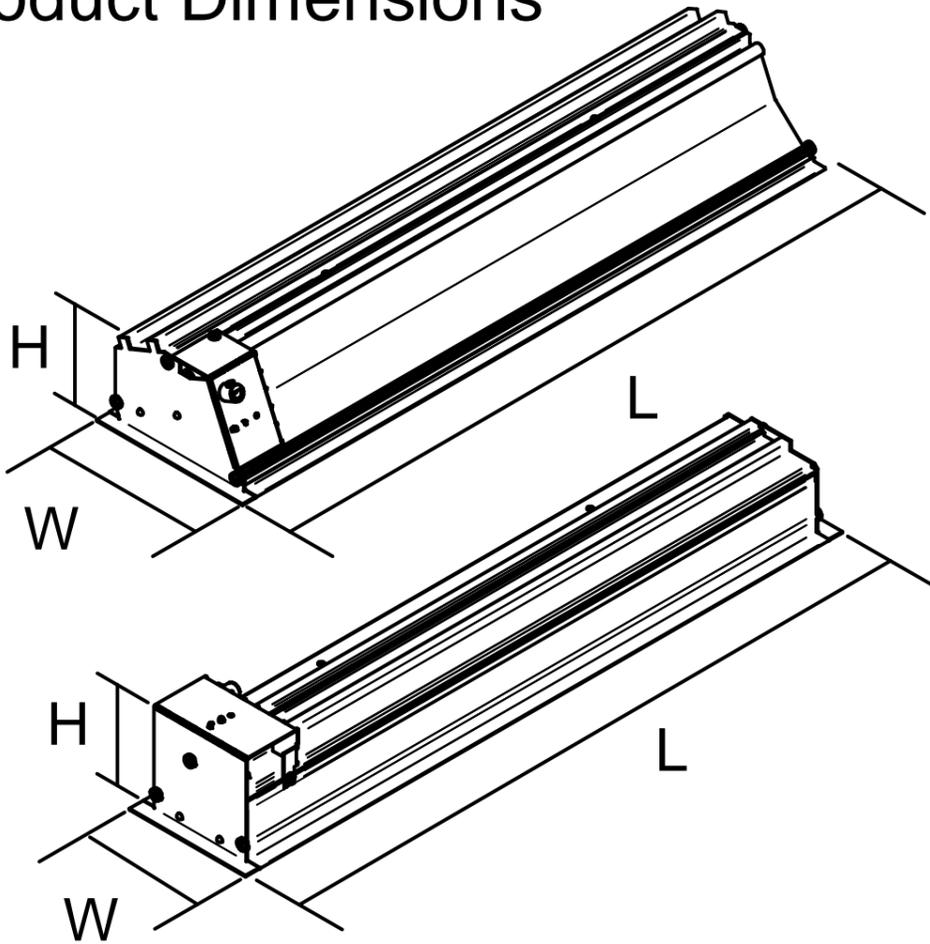
Telephone +44 (0)870 5 087 087 Facsimile: +44 (0)870 5 084 210

Registered No. 3848973 England

Registered Office: As above



## Product Dimensions



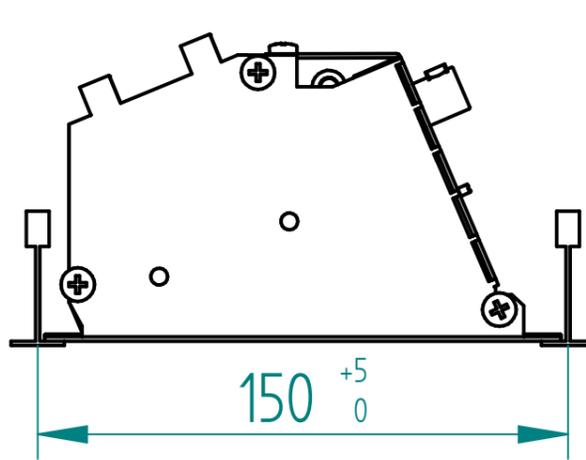
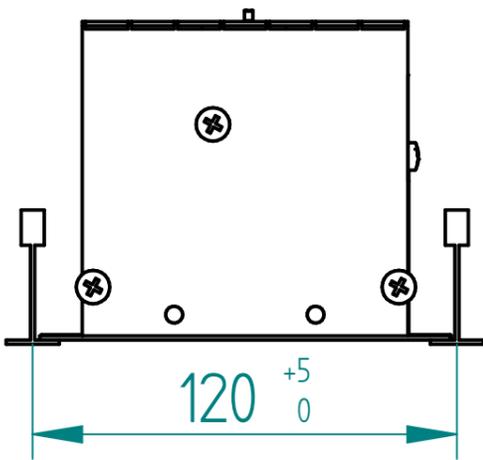
### SPECIFICATION:

Lamp type:	LED
Output:	1600lm /3000lm nominal.
Colour:	4000°K - Ra80 (840)
Materials:	
Body:	Aluminium/Steel
Reflector:	Aluminium
Diffuser:	Polycarbonate
Control gear:	Fixed output / Dali
Emergency:	LiFePO4 Integral 3hr / COMEPS
Supply:	220-240V AC 50/60Hz 125mA
Ambient Temperature:	0-25°C
Supply flex:	0.5 - 2.5mm <sup>2</sup>
Terminal block type:	Push-wire (non-EM) Piano-key (EM)
Ingress protection:	IP40 (Front face) IP20 (Rear)

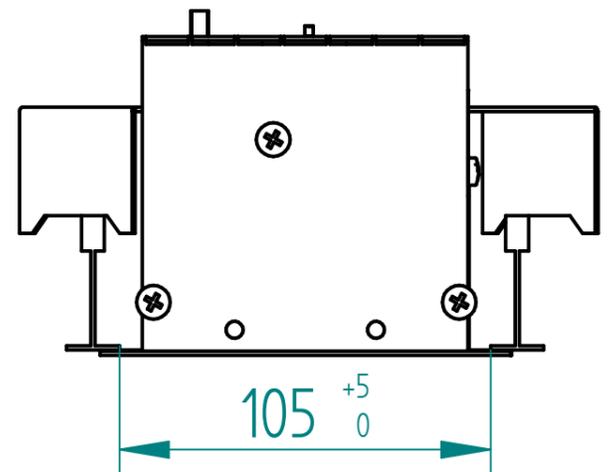
Version	L	W	H	KG	KG EM
ASYMMETRIC, 1600lm	595	146	87	1.85	2.85
SYMMETRIC, 1600lm	595	117	103	1.6	2.6
ASYMMETRIC, 3000lm	1196	146	87	3.4	4.4
SYMMETRIC, 3000lm	1196	117	103	2.9	3.9

## Ceiling Integration

### Exposed T: Lay in

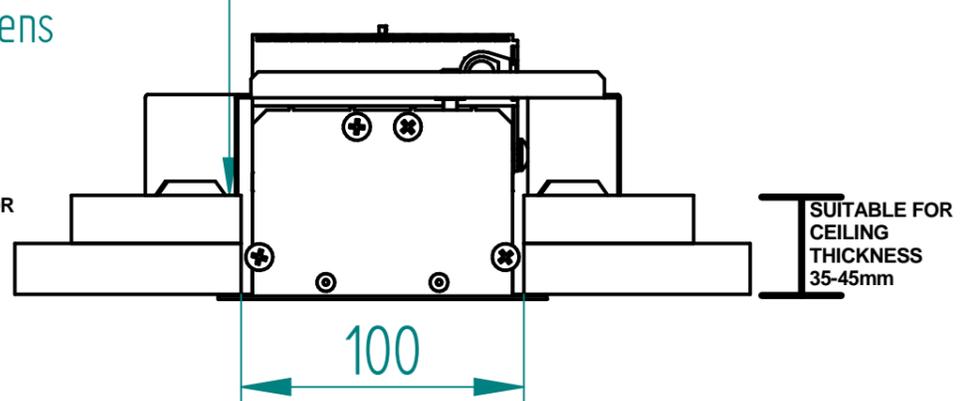
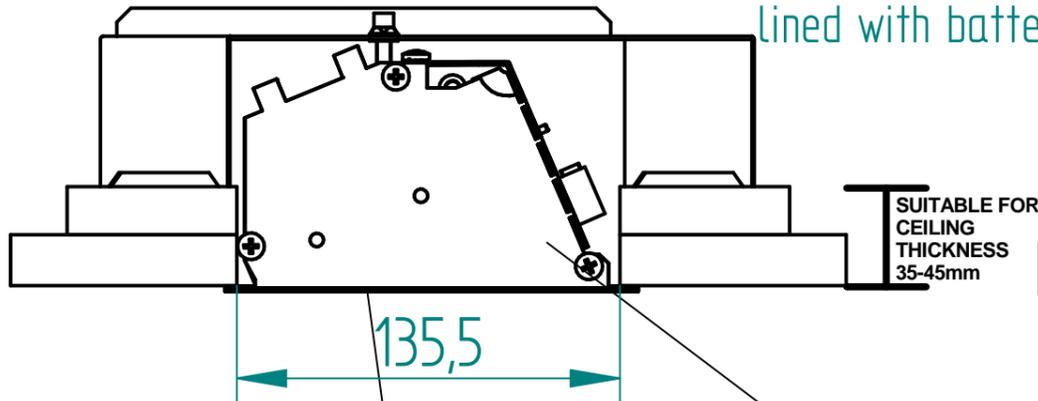


### Pull up T15/T25



### Prepared Aperture

plasterboard should be lined with battens



For asymmetric products ensure correct orientation

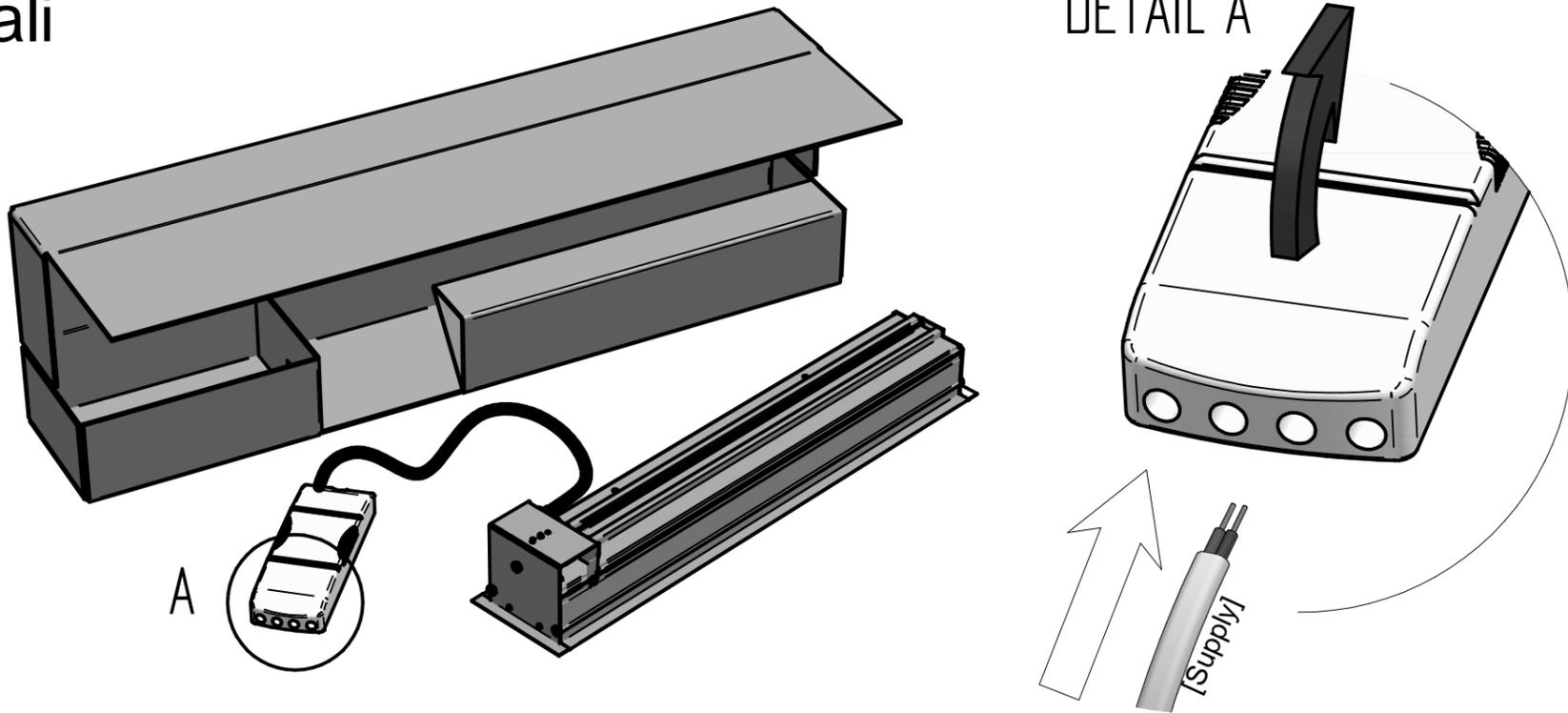
Aperture length:  
1600lm Products - 578 +5/-0mm  
3000lm Products - 1179 +5/-0mm

# HELM

Whitecroft Lighting Ltd

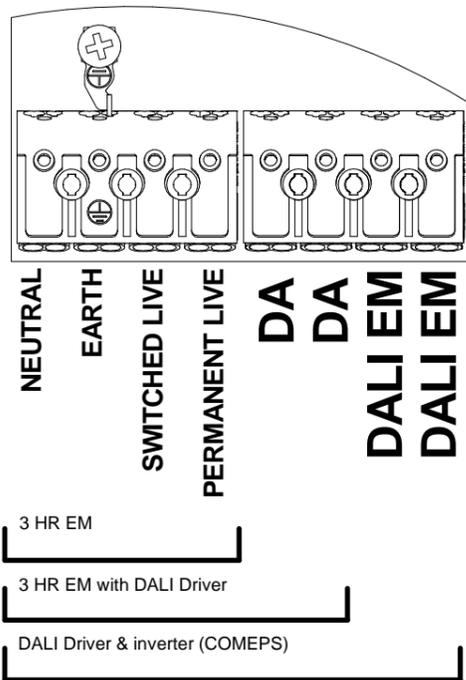
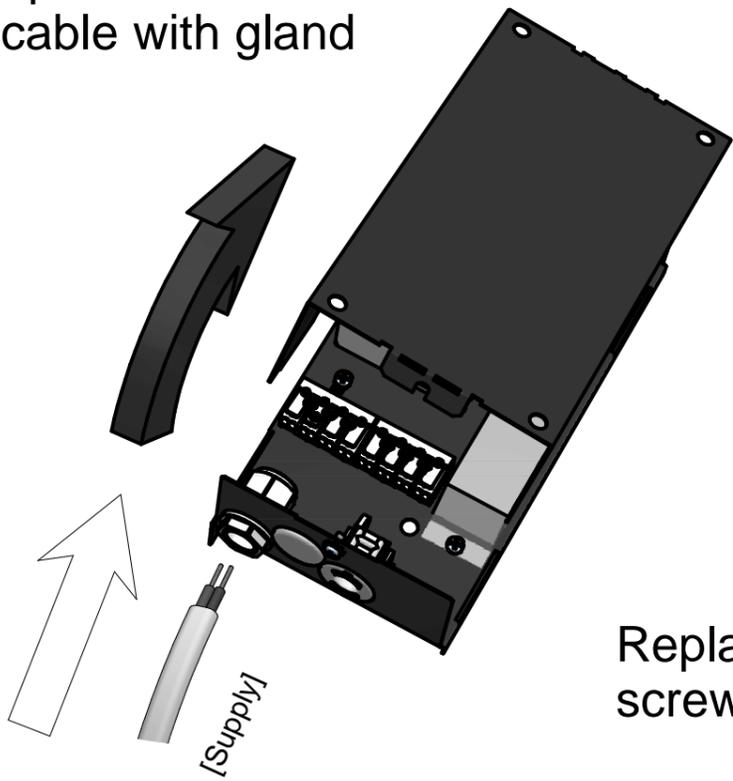
Wire Product

Fixed Output and  
Dali

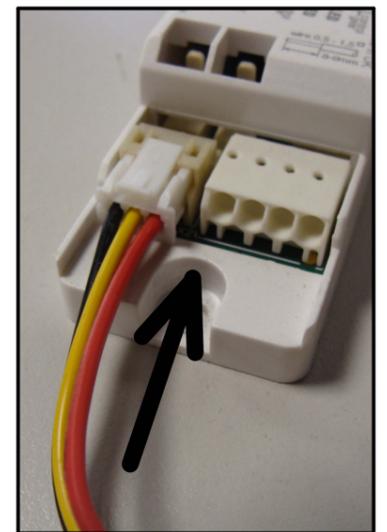


## 3hr EM and COMEPCS

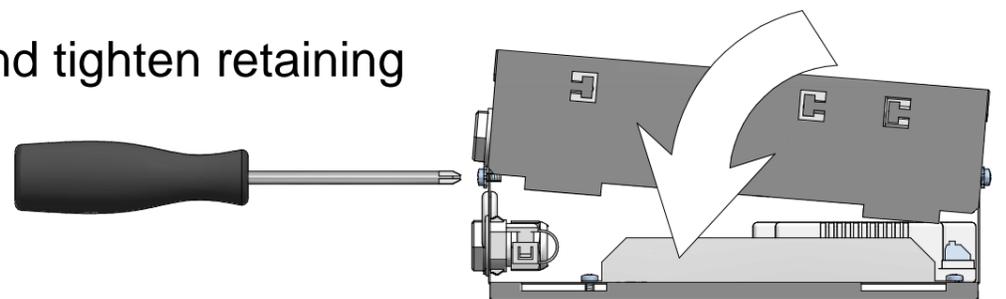
open driver and fit  
cable with gland



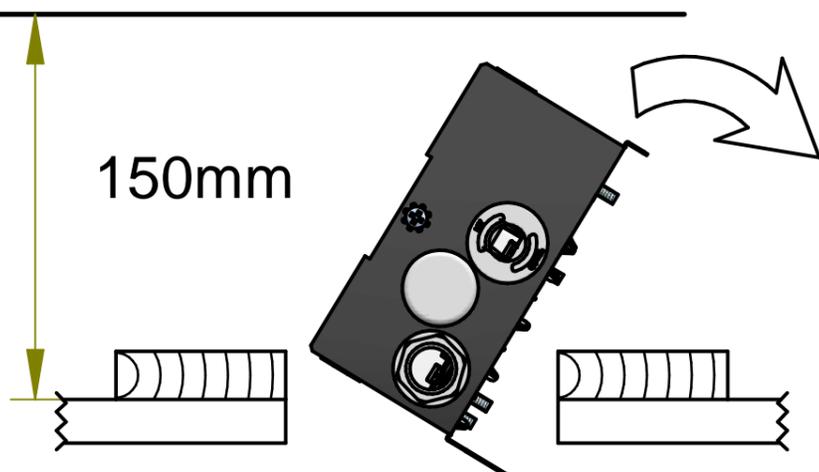
Connect battery



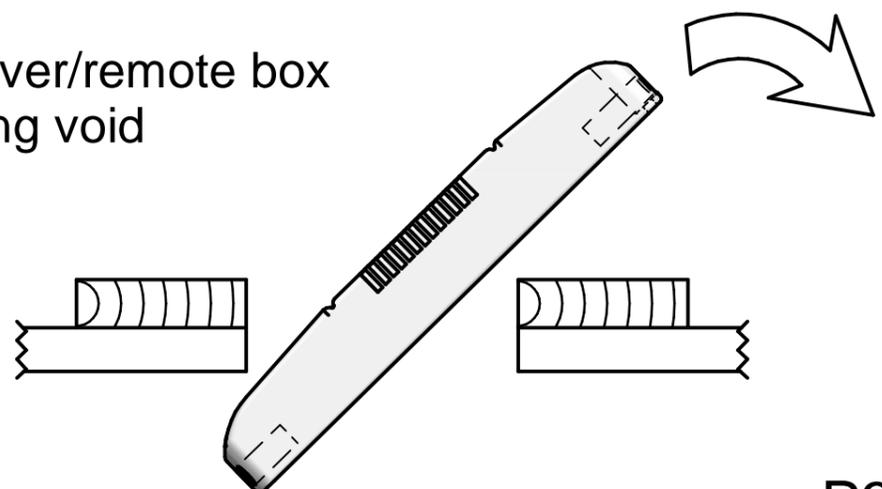
Replace lid and tighten retaining  
screw



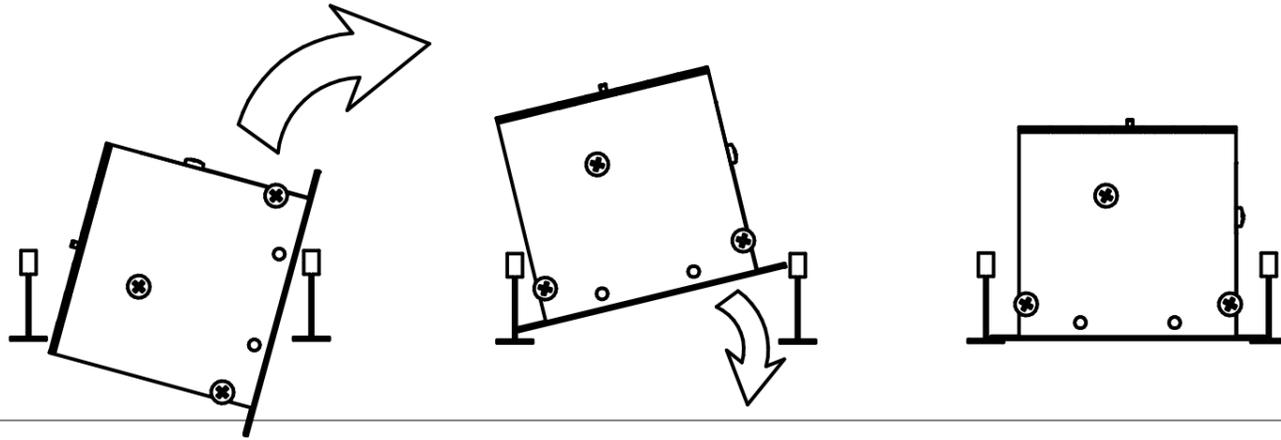
## Fitting Product



Place driver/remote box  
into ceiling void

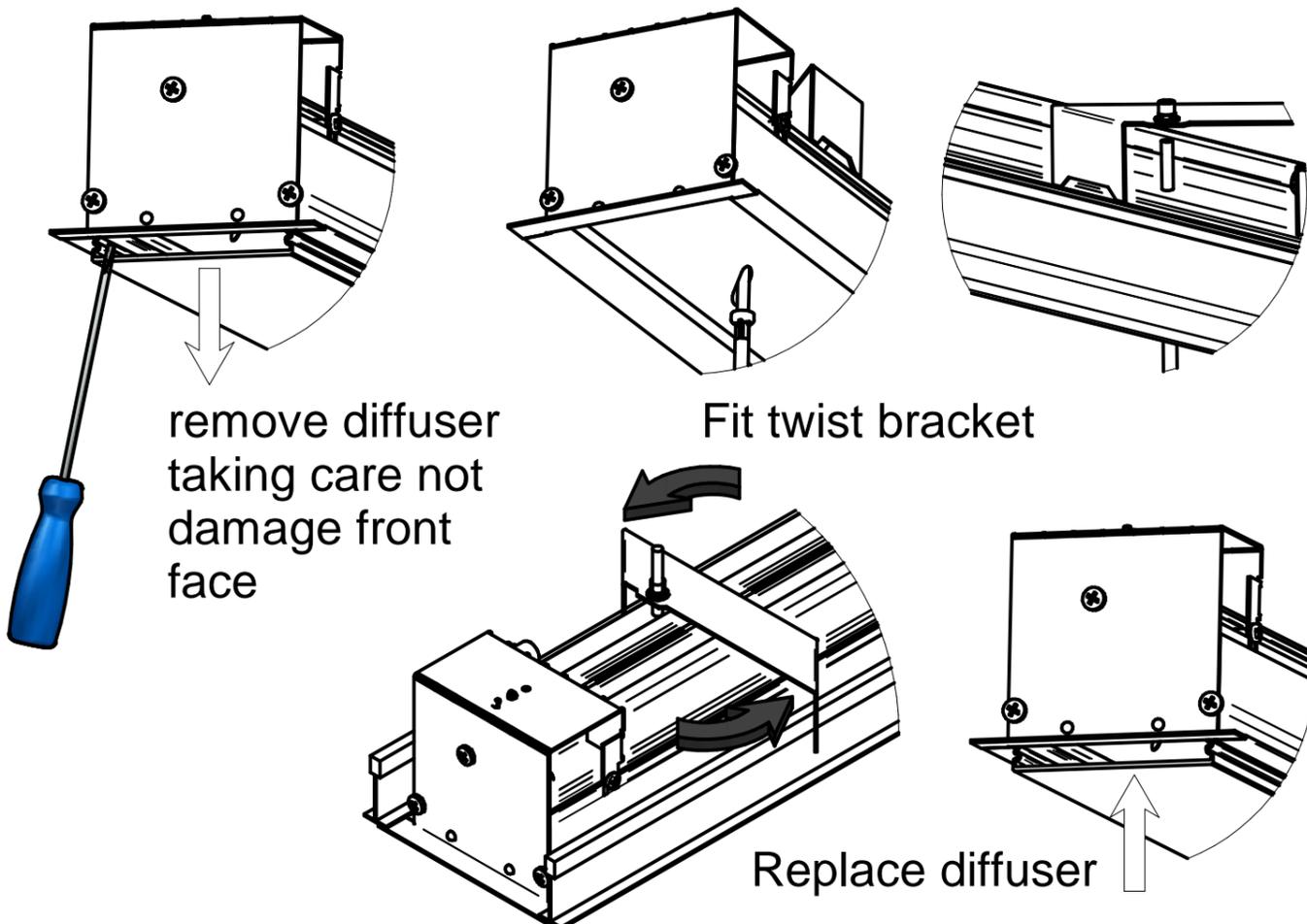


## T15/T25 Lay in



Ensure product is centered and parallel in grid

## T15/T25 Pull Up/Prepared Aperture



remove diffuser taking care not damage front face

Fit twist bracket

Push fitting into aperture and tighten screw

Replace diffuser

NB: Ensure pressure on screw head and product is pressed tight against ceiling

## GENERAL INFORMATION

1. A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
  2. Observe ESD precautions during installation.
  3. This unit must be EARTHED.
  4. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
  5. Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.
  6. Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
  7. All emergency versions are 3 hour duration.
- The Mains supply and the Battery connection must be disconnected before servicing or maintenance.
8. Batteries must be replaced by a qualified electrician when they do not meet the rated duration.
  9. The light source contained within this luminaire shall only be replaced by the manufacturer, his agent or a similar qualified person.
  10. This luminaire is not suitable for covering with thermal insulation. 
  11. Luminaire for indoor use only
  12. If the external cable is damaged it shall be exclusively replaced by the manufacturer, service or similar qualified person in order to avoid danger.

### VERY IMPORTANT

The battery must be left disconnected during installation until there is a stable site supply. Isolating the un-switched supply to the luminaire with the batteries connected on a daily basis will damage the fitting.

TECHNICAL SUPPORT  
 Telephone: 0161 331 5700  
 E-mail: [technical@whitecroftlight.com](mailto:technical@whitecroftlight.com)  
<http://www.whitecroftlighting.com/>