

Whitecroft  
lighting



## Installation sheet HELM

PK/LEAFLET/HELM

Rev E November 2020



### **Whitecroft Lighting Limited**

Burlington Street, Ashton-under-Lyne, Lancashire

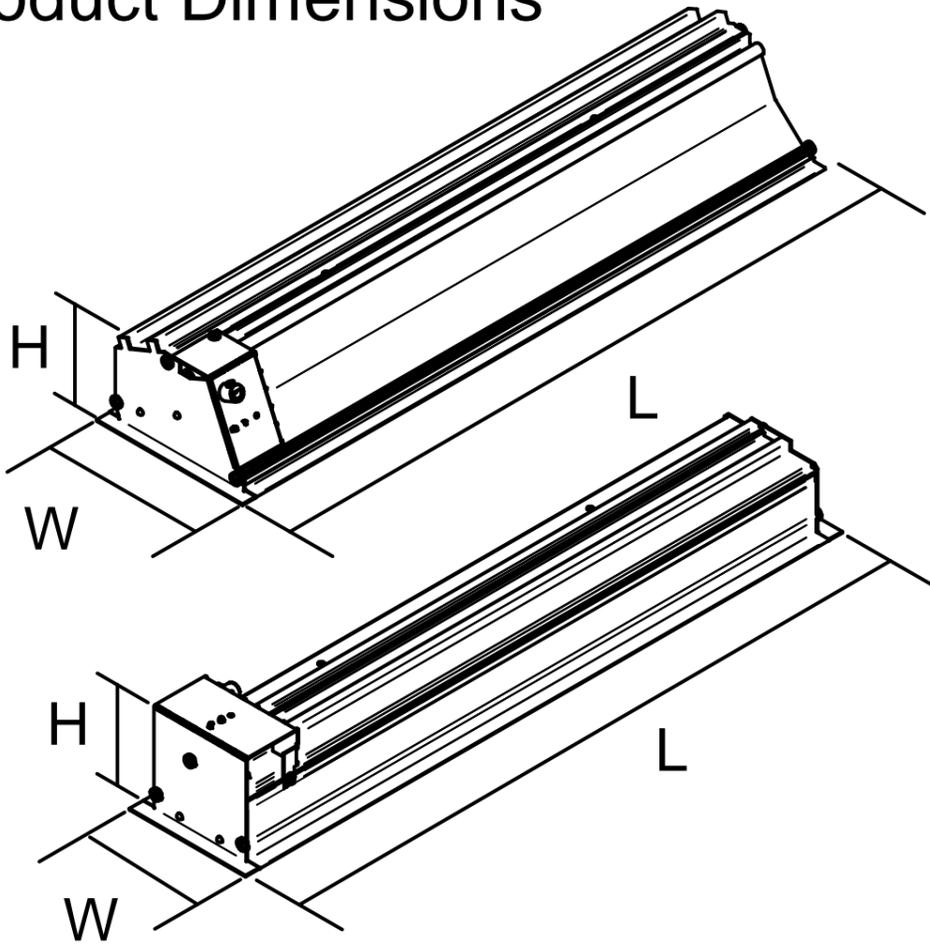
OL7 0AX

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

Registered No. 3848973 England

Registered Office: As above

## Product Dimensions



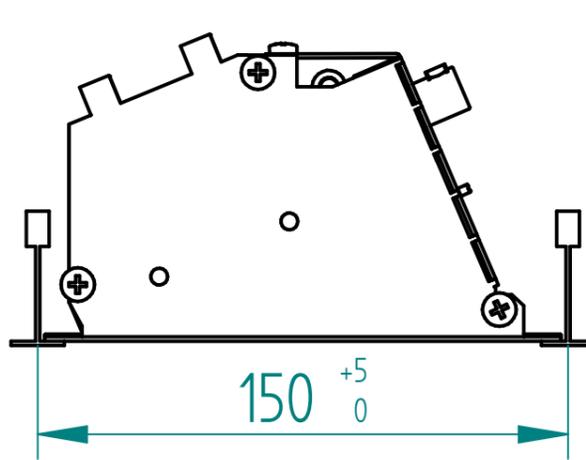
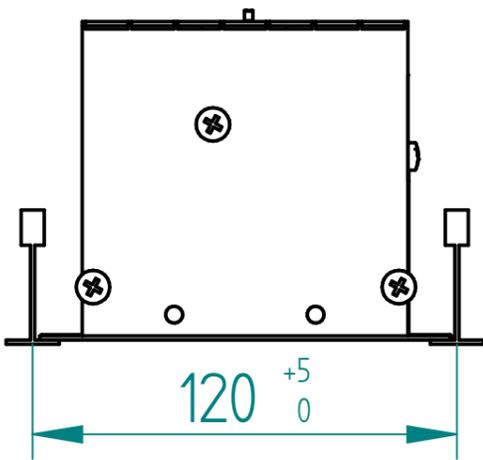
### SPECIFICATION:

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:	Integral 3hr / COMEPS
Supply:	220-240V 50/60Hz AC
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 (from below)

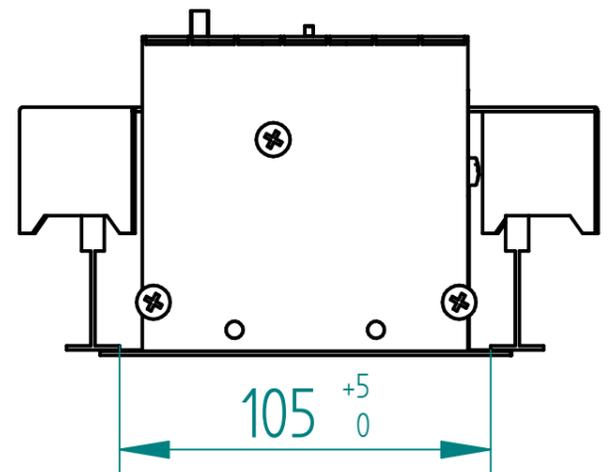
Version	L	W	H	KG	KG EM
ASYMMETRIC, 1600lm	595	146	87	1.85	2.85
SYMMETRIC, 1600lm	595	117	103	1.6	2.6
ASYMMETRIC, 3000lm	1196	146	87	3.4	4.4
SYMMETRIC, 3000lm	1196	117	103	2.9	3.9

## Ceiling Integration

### Exposed T: Lay in

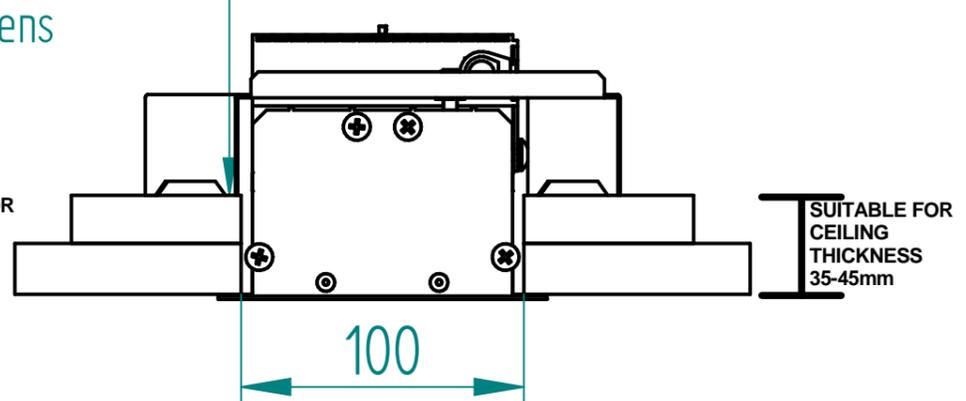
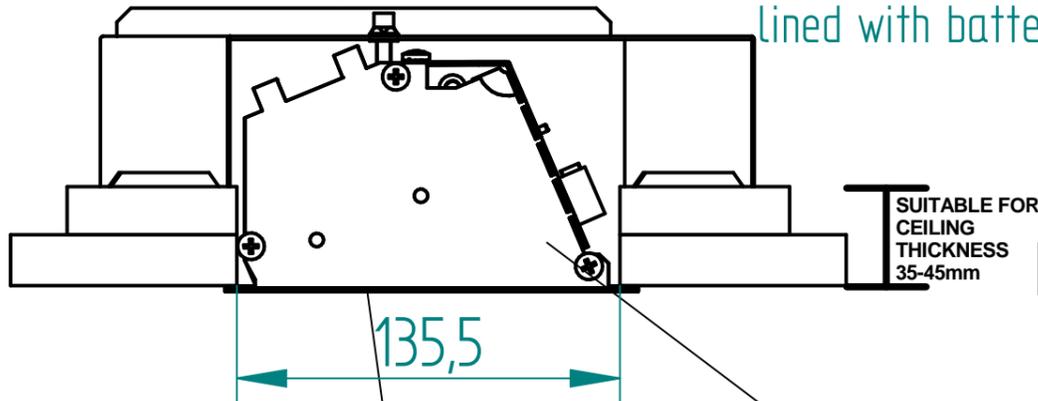


### Pull up T15/T25



### Prepared Aperture

plasterboard should be lined with battens



For asymmetric products ensure correct orientation

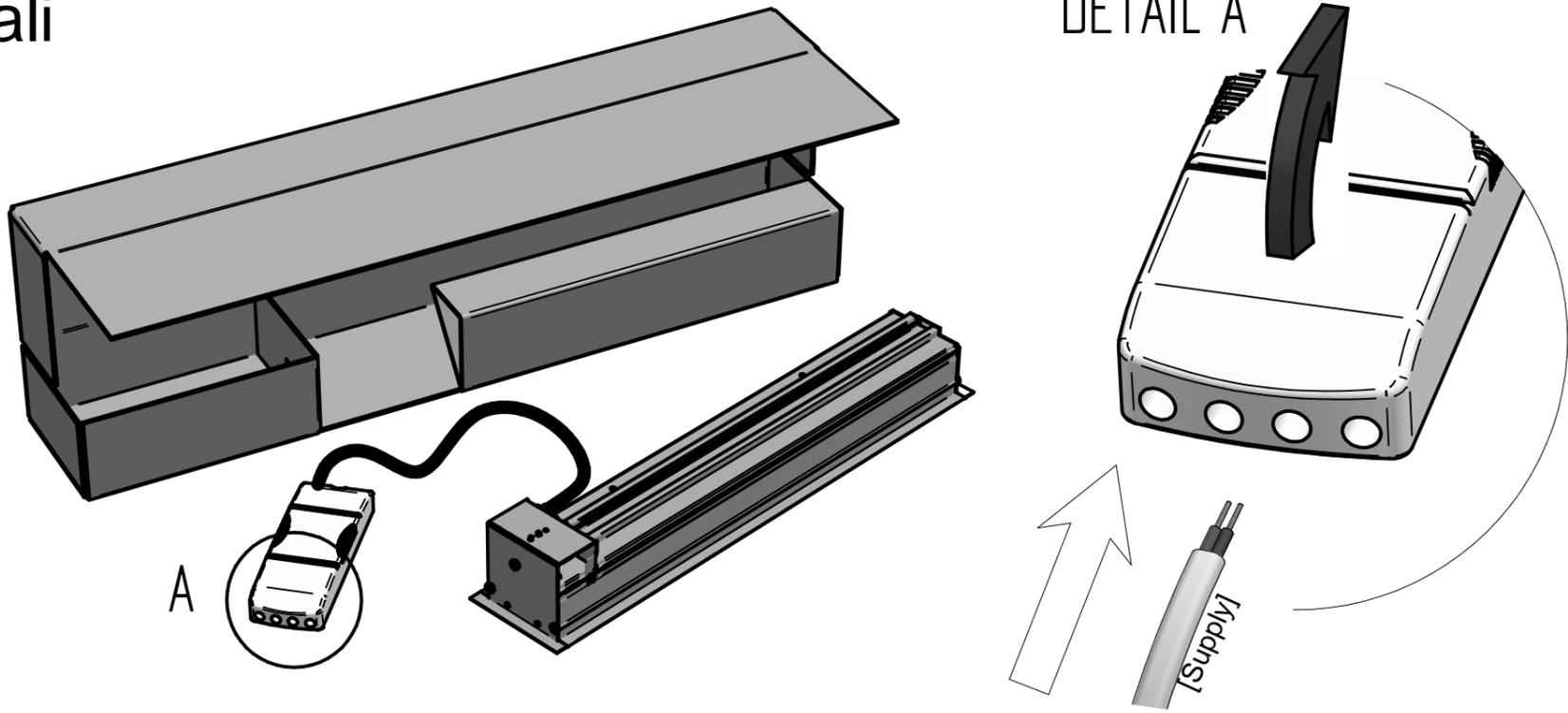
Aperture length:  
1600lm Products - 578 +5/-0mm  
3000lm Products - 1179 +5/-0mm

# HELM

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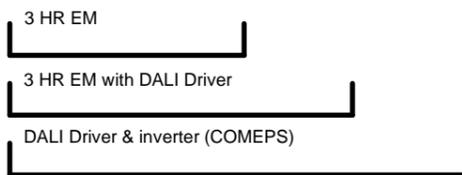
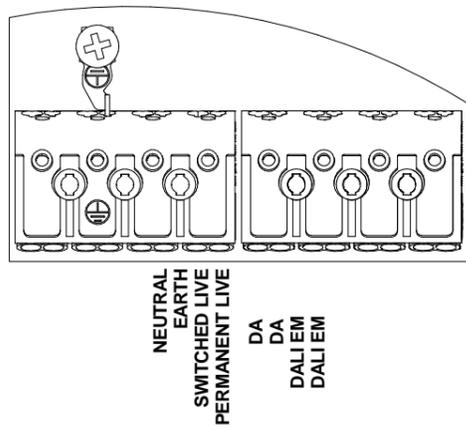
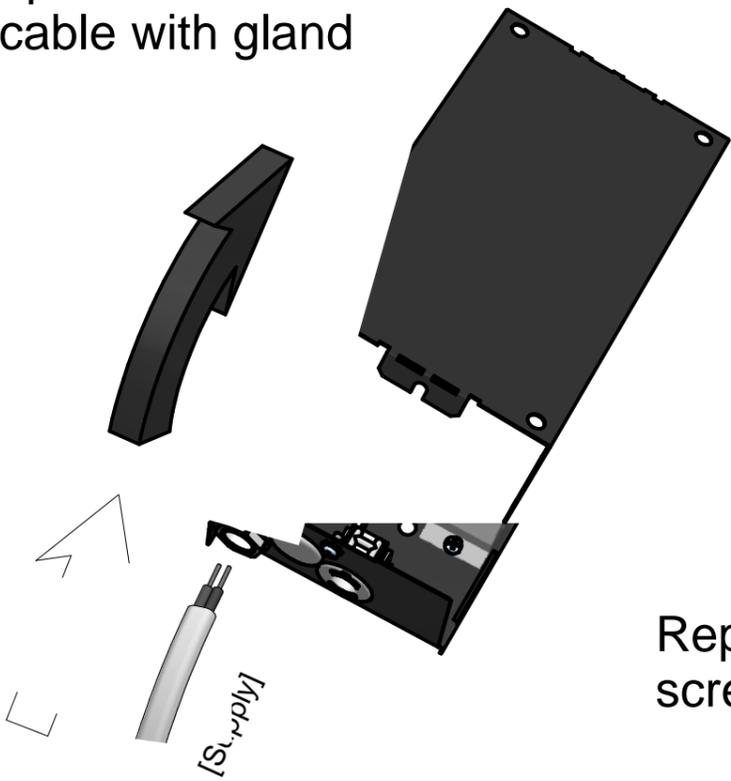
## Wire Product

## Fixed Output and Dali

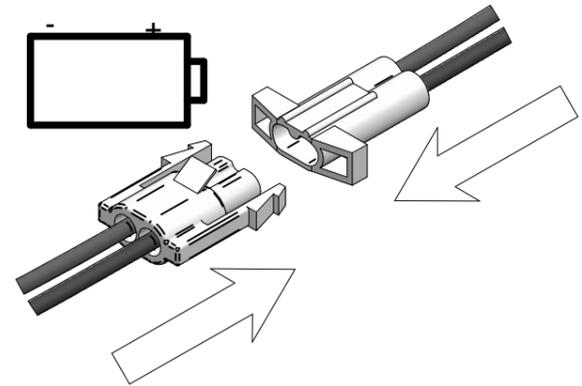


## 3hr EM and COMEPCS

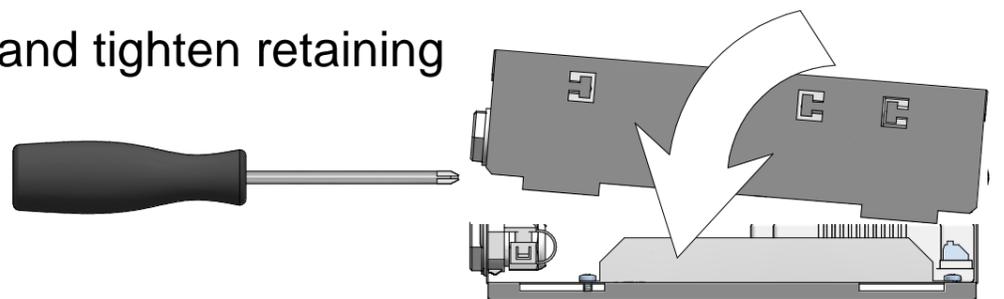
open driver and fit cable with gland



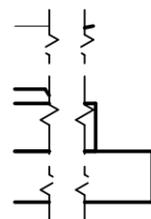
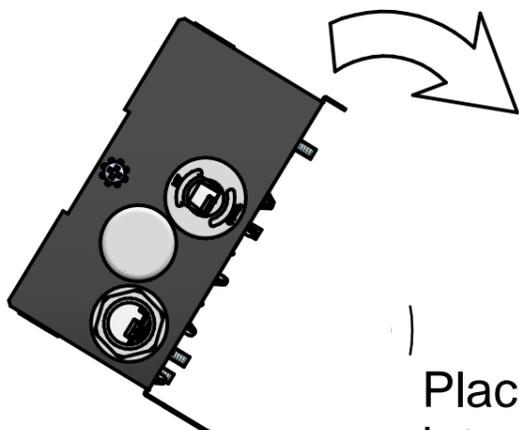
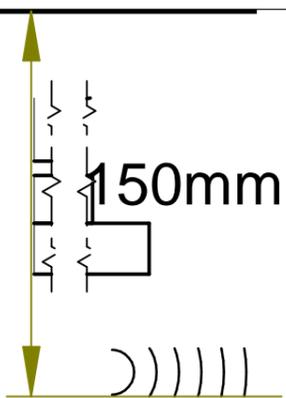
connect battery



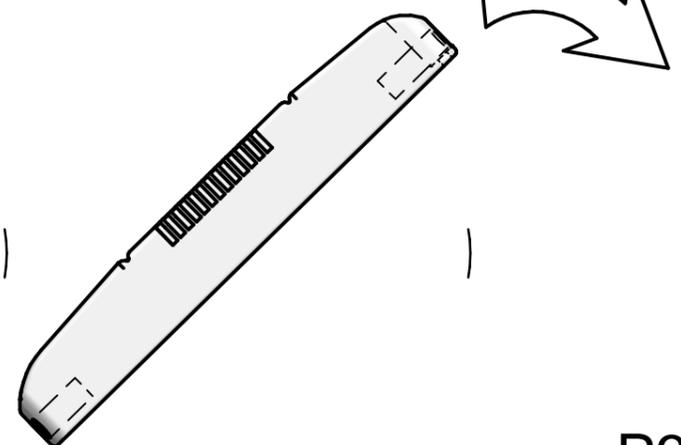
Replace lid and tighten retaining screw



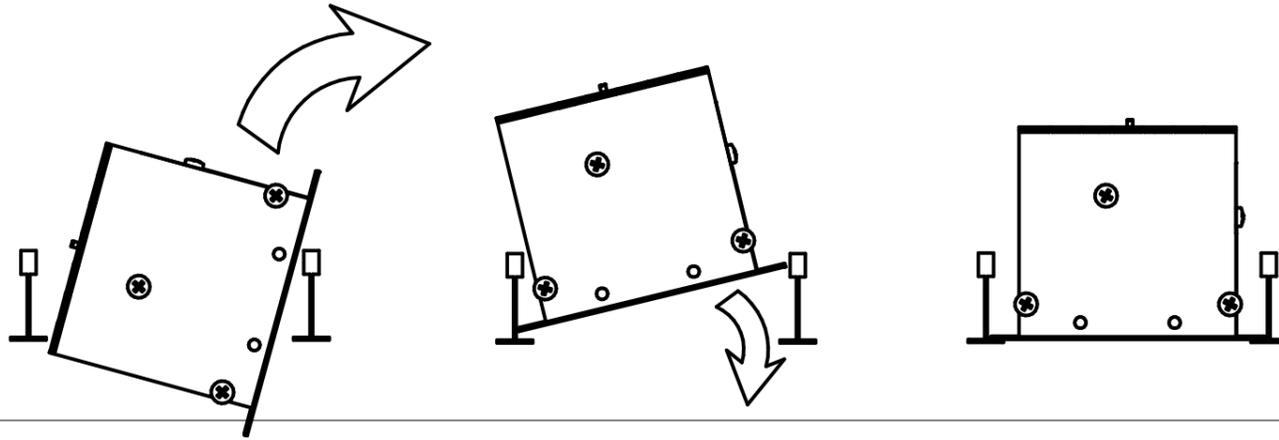
## Fitting Product



Place driver/remote box into ceiling void

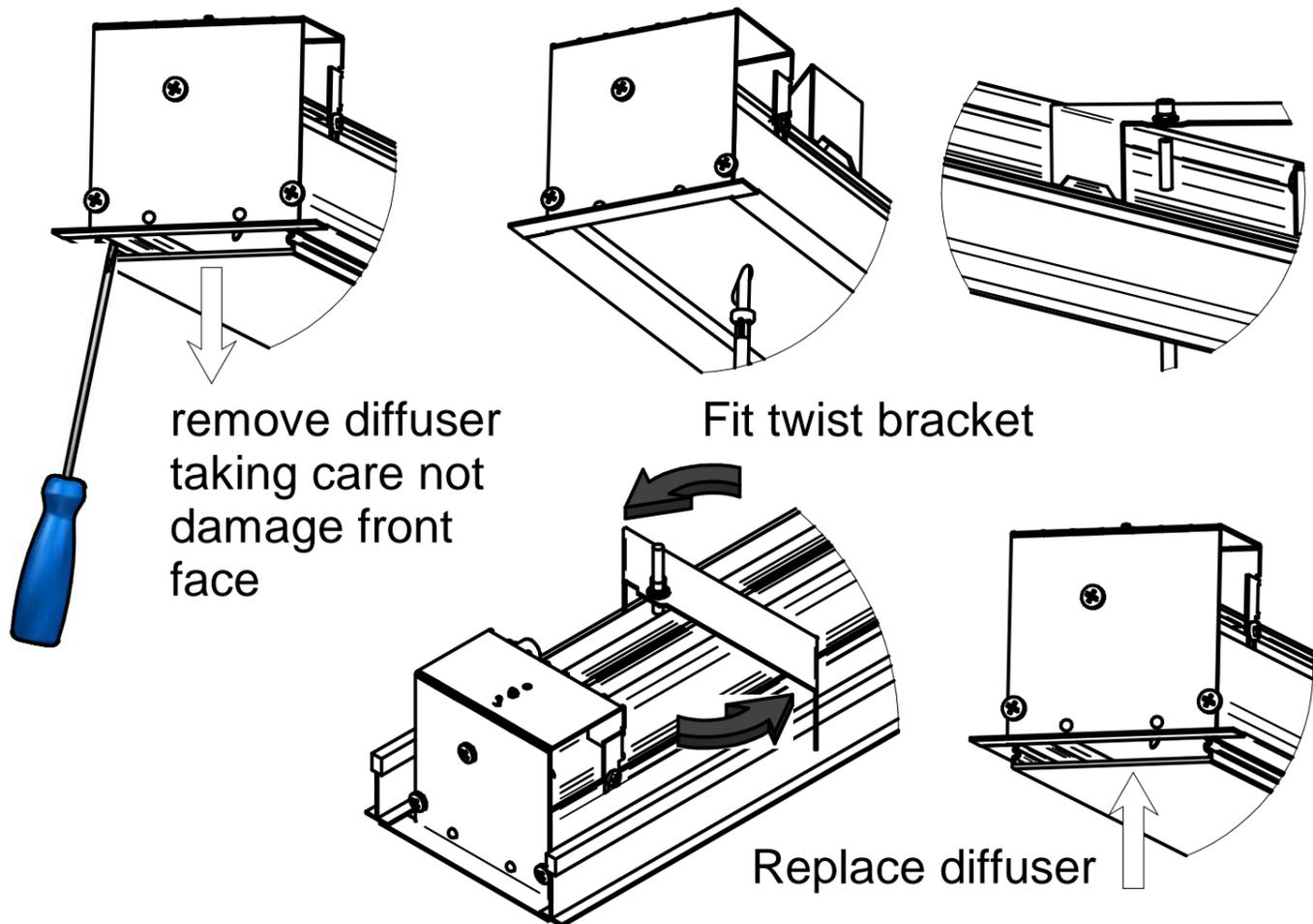


## T15/T25 Lay in



Ensure product is centered and parallel in grid

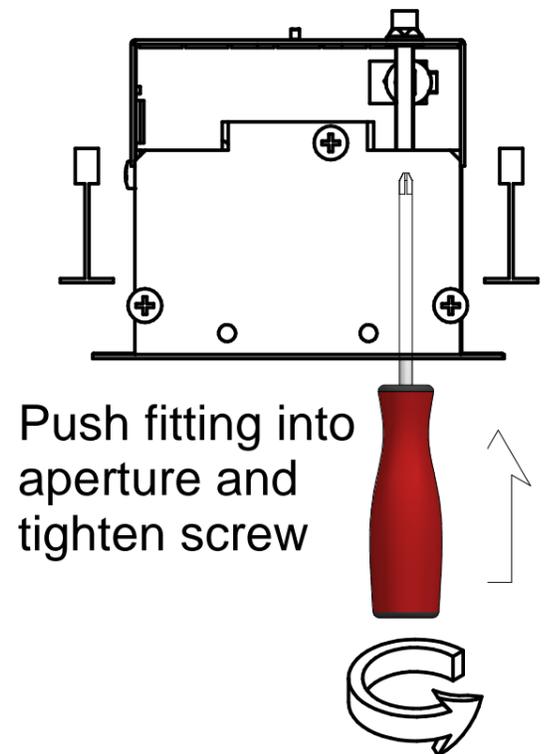
## T15/T25 Pull Up/Prepared Aperture



remove diffuser taking care not damage front face

Fit twist bracket

Replace diffuser



Push fitting into aperture and tighten screw

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.

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