

Whitecroft  
lighting

# Flight



## Installation Instruction

May 2023 - Rev G

**UK  
CA**



# Whitecroft Lighting Limited

Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX

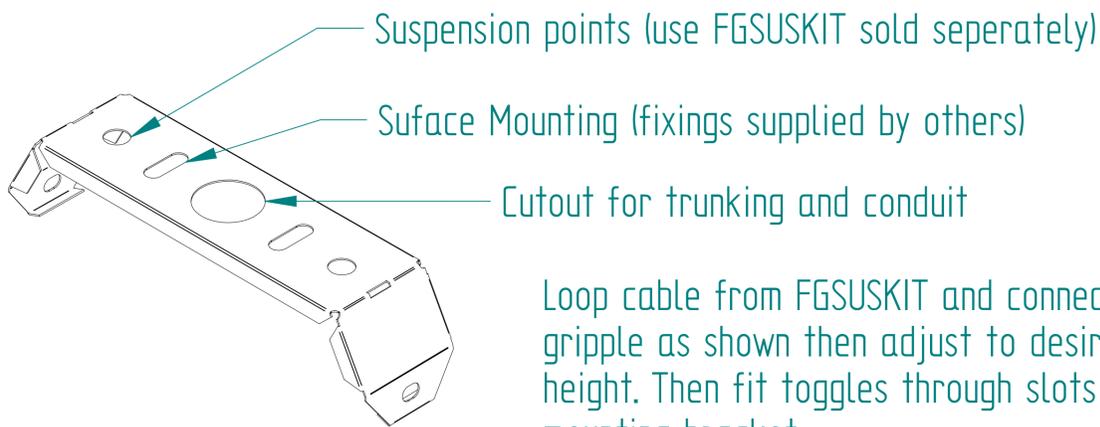
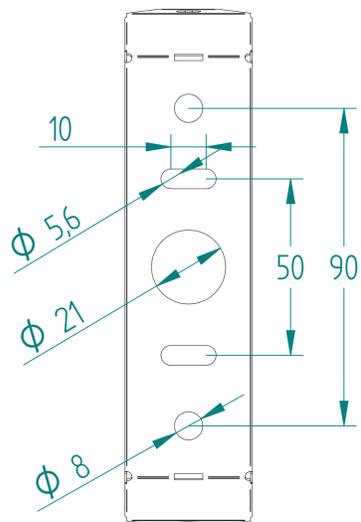
Telephone +44 (0)161 330 6811 Facsimile: +44 (0)161 331 5855

Registered No. 3848973 England

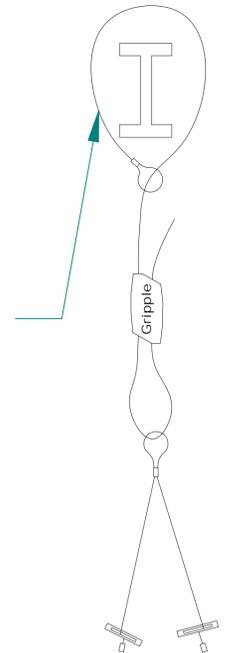
Registered Office: As above



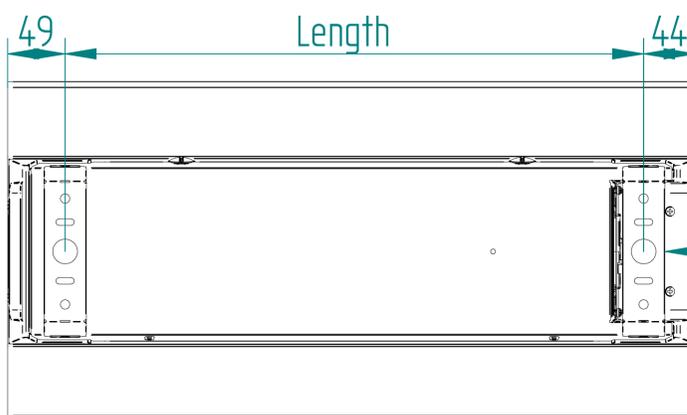
1. Remove the luminaire from packaging and inspect the contents for damage.
2. Ensure that the supporting ceiling structure is of adequate strength to support the weight of the luminaire. (see specification table for weights)
3. Affix mounting bracket at appropriate spacings:



Loop cable from FGSUSKIT and connect to gripple as shown then adjust to desired height. Then fit toggles through slots on mounting bracket.

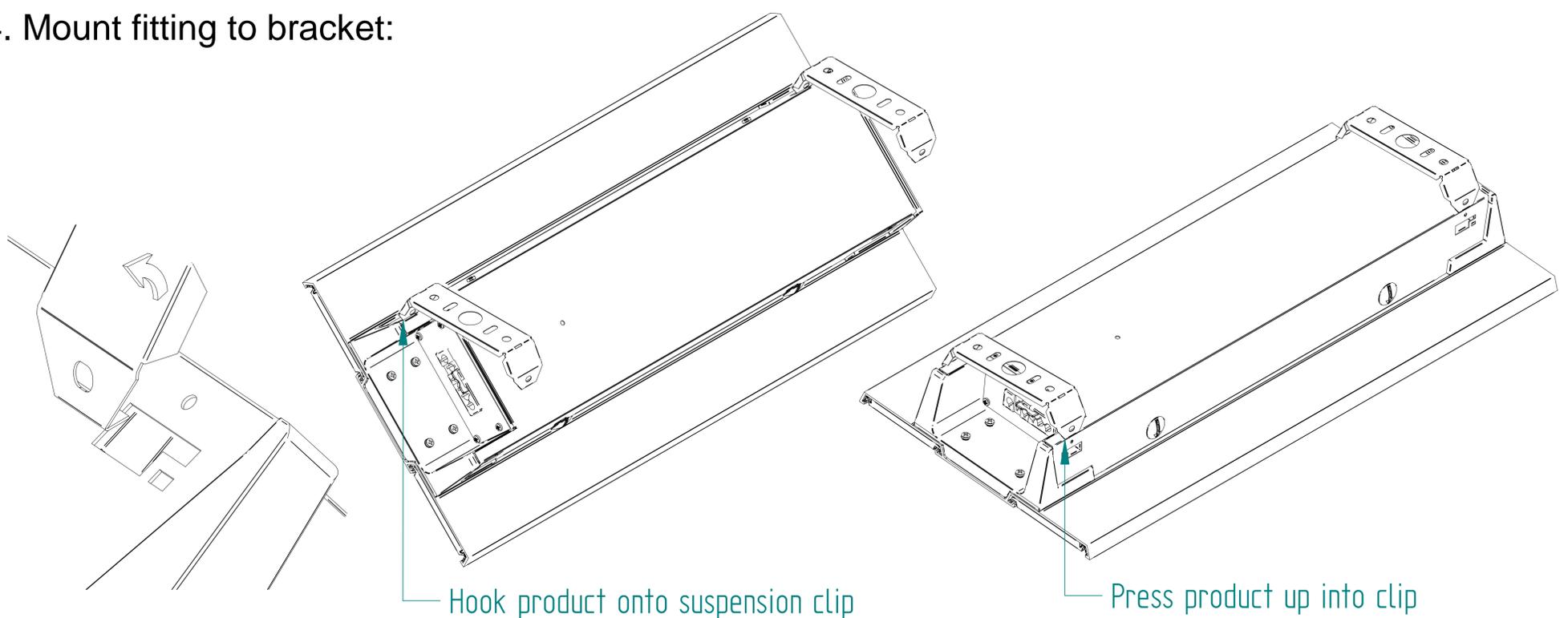


Dimensions(mm)		
Variant	Length	Fixing Centres
12-24 klm	583	491 ±5
30-36 klm	874	782 ±5
42 klm	1166	1074 ±5

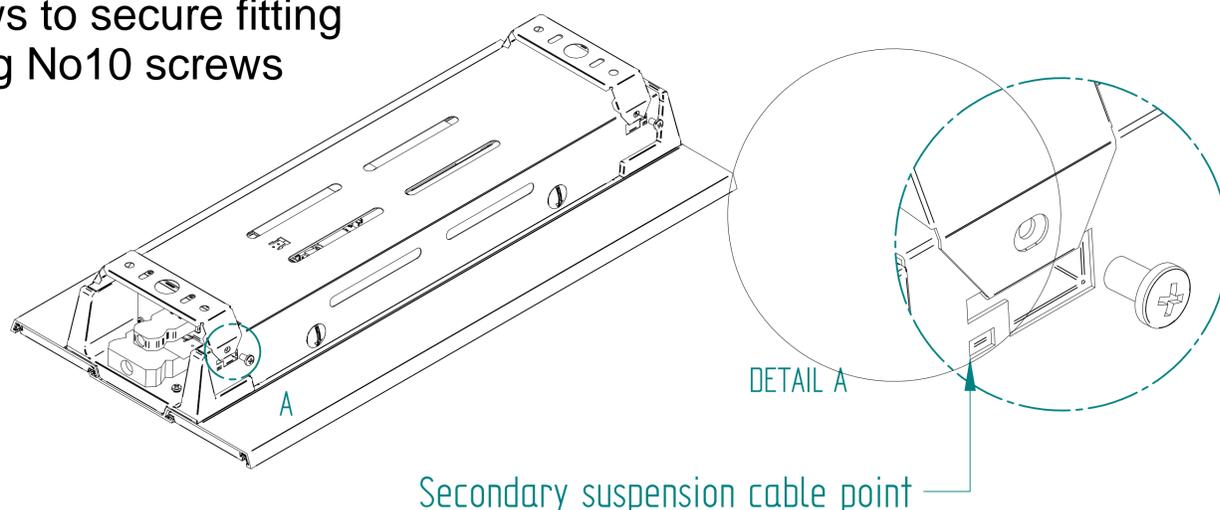


Power feed (leave 100mm clearance)

#### 4. Mount fitting to bracket:

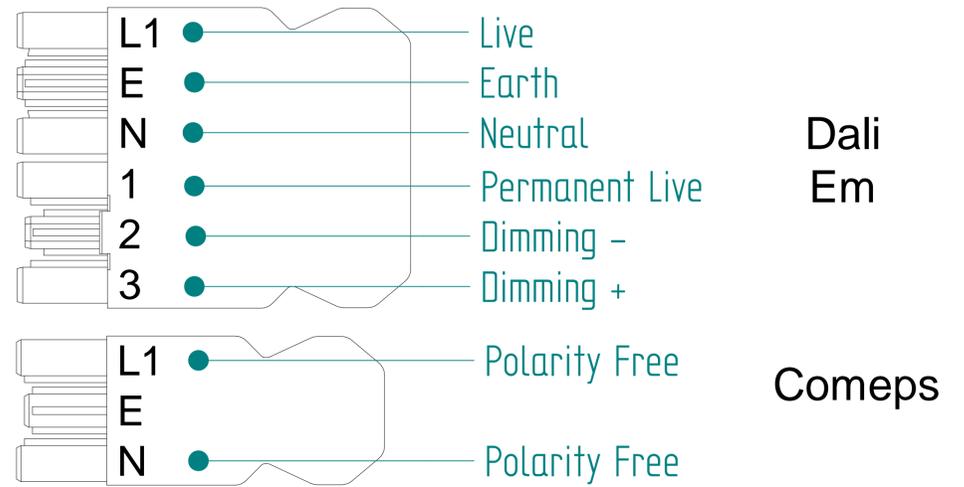
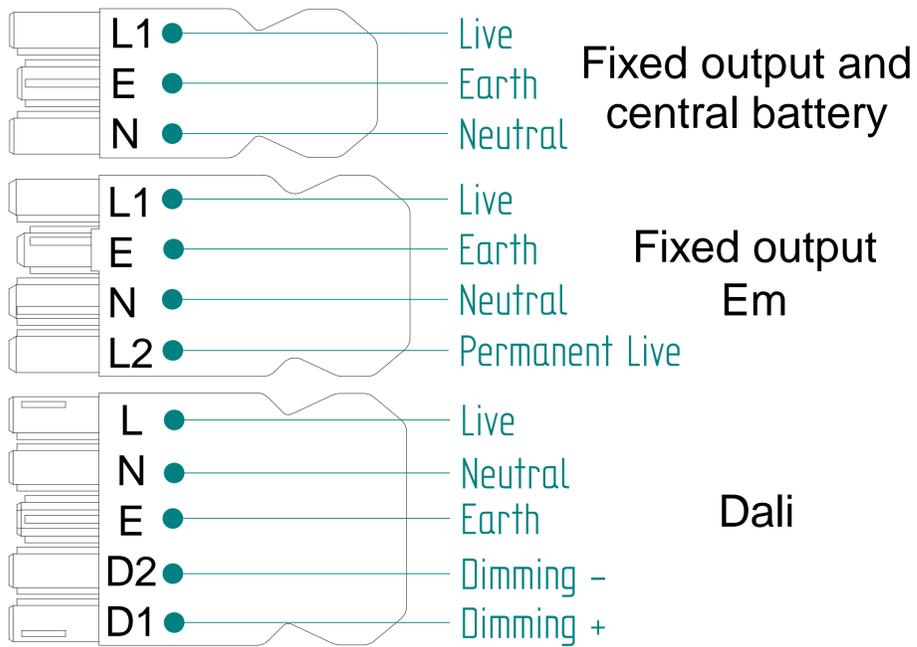


#### 5. Fit locking screws to secure fitting during impact using No10 screws provided.

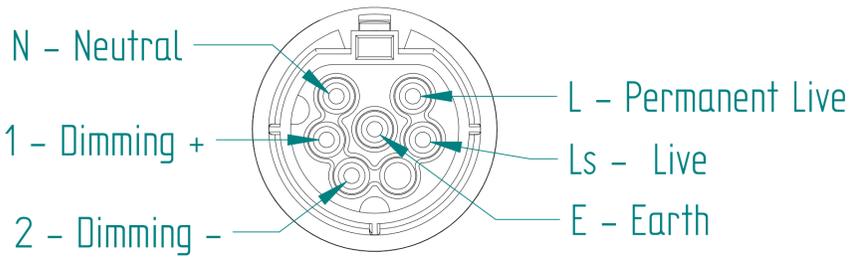




## 5. Wire plug(s):

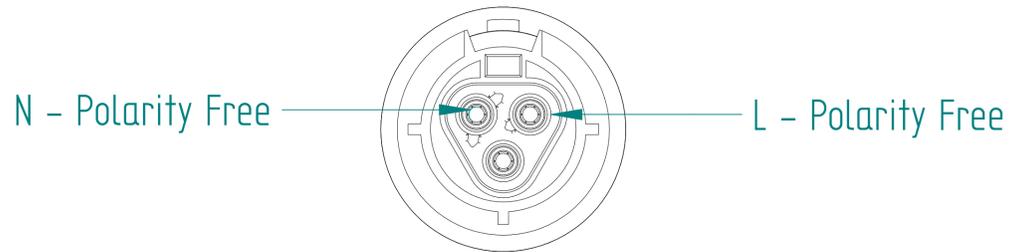


### IP65

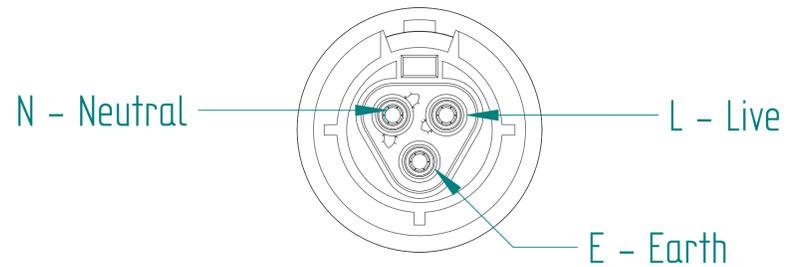


Terminal heads TX6  
TORX6-KEY available

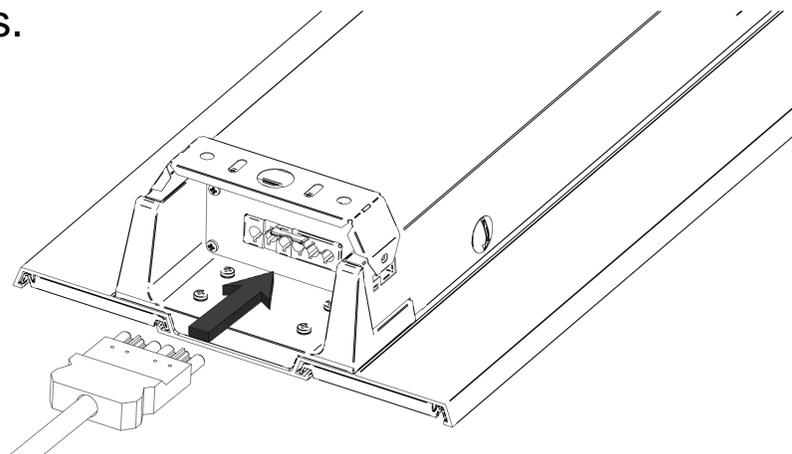
### IP65 Comeps



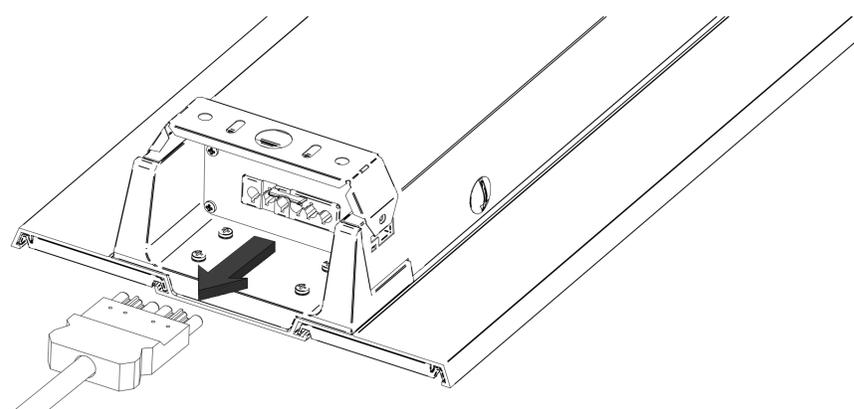
### IP65 Central Battery



## 6. Fit plugs.

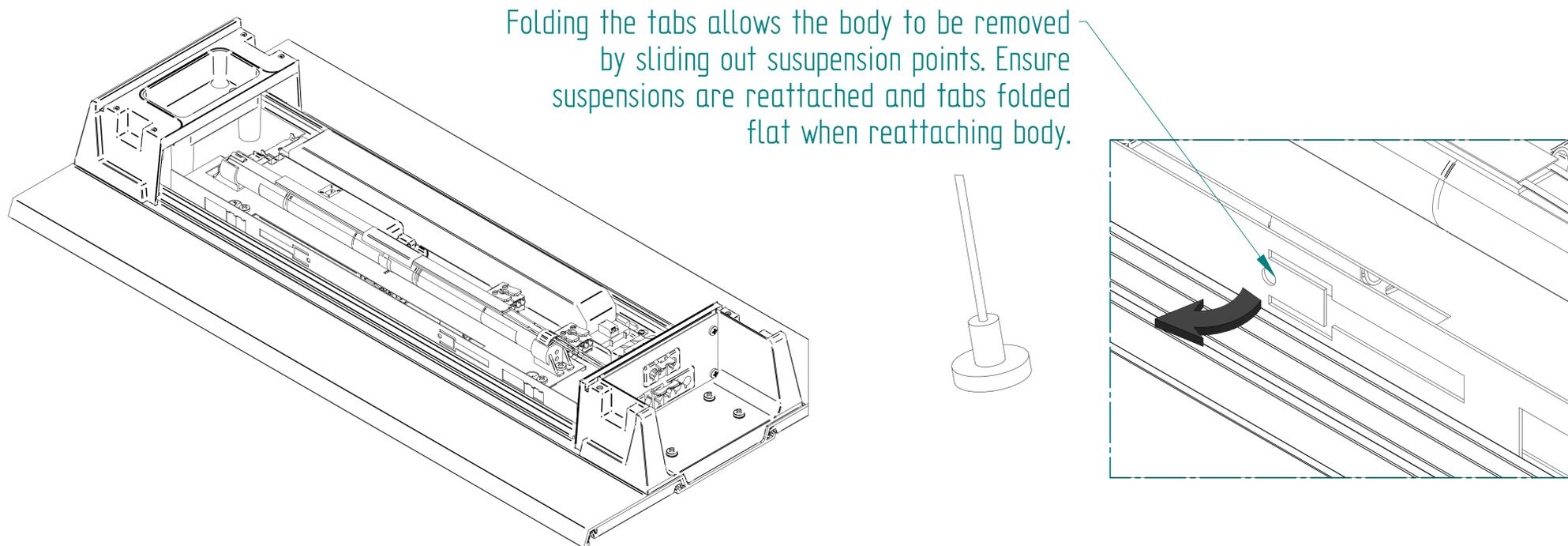
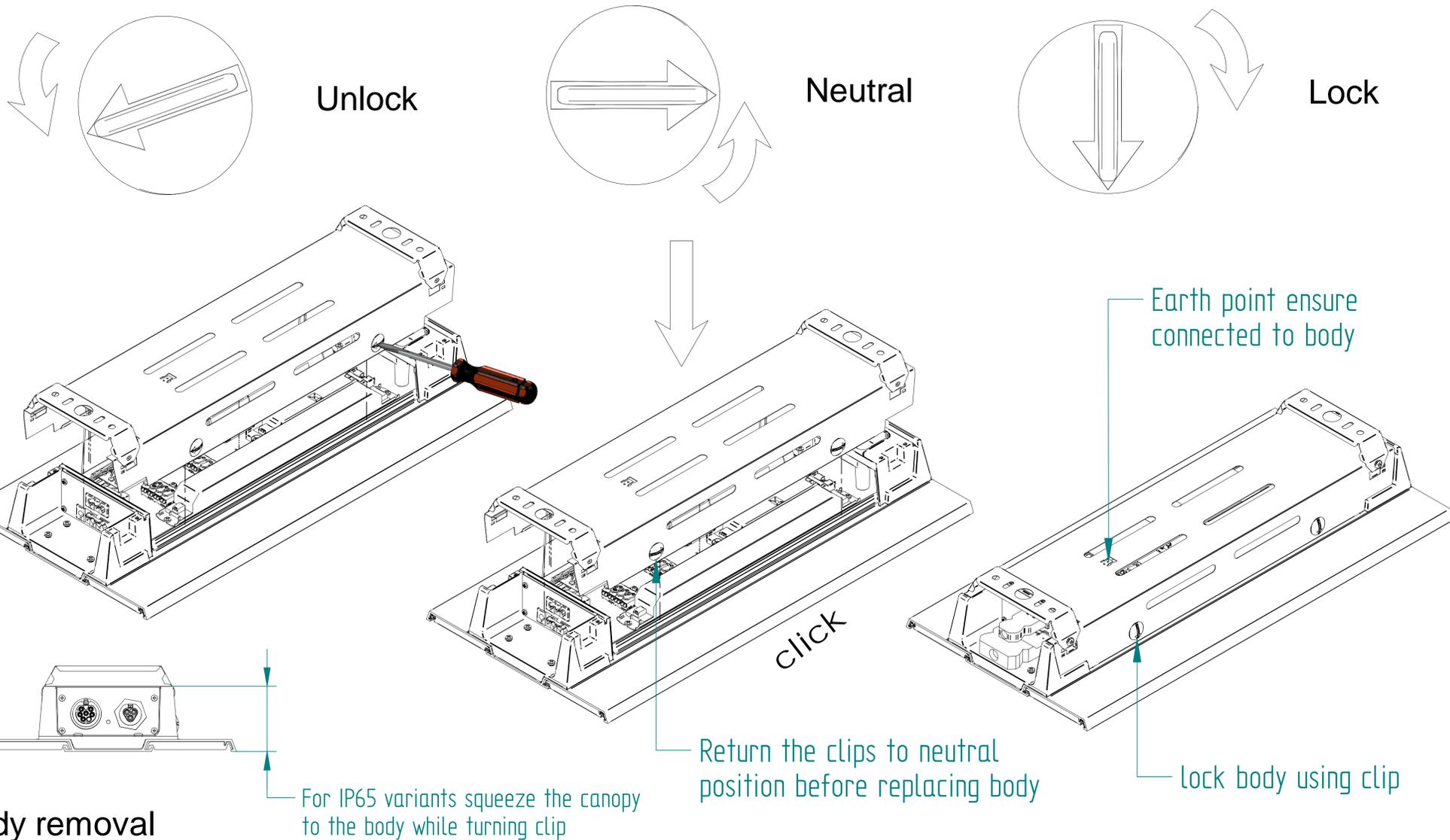


## 7. Remove power before maintaining fitting.



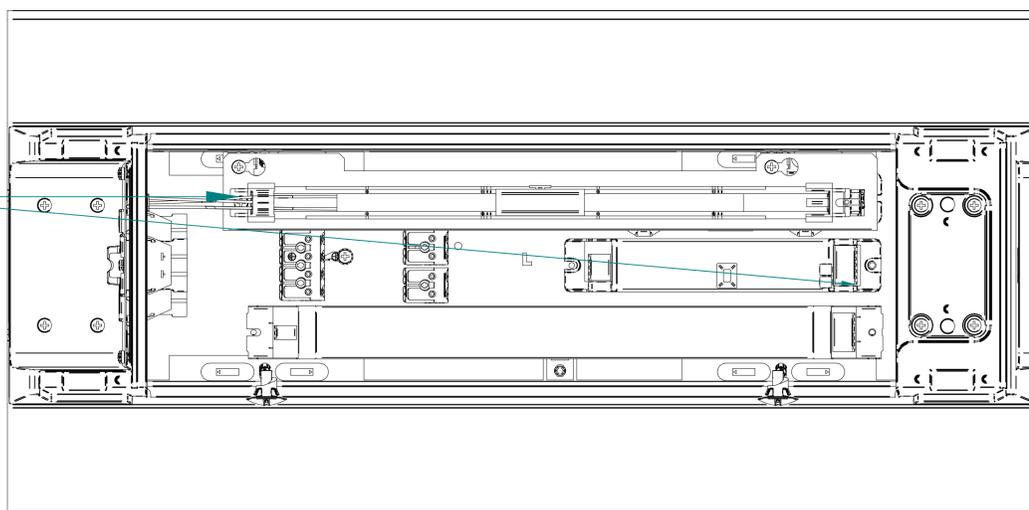


7. To maintain product or access battery remove the body by twisting locking clip with a slotted screwdriver into the positions below. When releasing IP65 product squeeze the body and canopy together. This will release the body which then hangs on suspension points.



Use plug to connect battery to inverter.

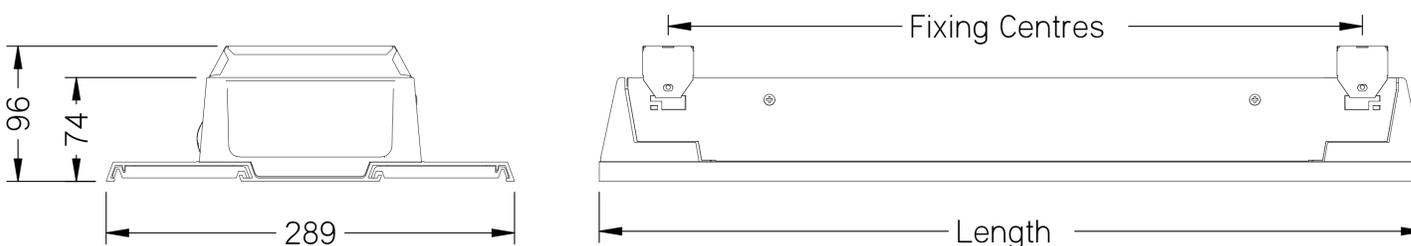
Battery can also be removed and replaced by removing screw.



## SPECIFICATION

Variant	Standard	Sport	Extreme
Lumen outputs & wattages	12klm(67w), 18klm(104w), 24klm(140w), 30klm(174w), 36klm(215w), 42klm(174w)	12klm(67w), 18klm(104w) and 24klm(140w)	24klm(140w) and 30klm(215w)
Finish	RAL9003 White		
Materials	Aluminium (Body), Steel (Canopy, geartrays, screws & fixings), Polycarbonate (Lens, endcaps)		
Weight	12-24klm 4.7kg (EM 5kg), 30-36klm 6.7kg (EM 7.1kg) and 42klm 8.3kg (EM 8.7kg)	12-24klm 4.8kg (EM 5.1kg), 30-36klm 6.8kg (EM 7.2kg) and 42klm 8.4kg (EM 8.8kg)	24klm 4.9kg (EM 5.3kg) 36klm 6.9kg (EM 7.3kg)
Supply	220-240v AC50-60Hz		
Connection (3 core plug)	Cable section: 3 core-0.5mm <sup>2</sup> to 2.5mm <sup>2</sup> (6mm strip length)		Cable section: 3 core-0.75mm <sup>2</sup> to 6mm <sup>2</sup> (8mm strip length) - Torx Head TX6
Connection (4 core plug)	Cable section: 4 core-0.5mm <sup>2</sup> to 2.5mm <sup>2</sup> (6mm strip length)		n/a
Connection (5 core plug)	Cable section: 5 core-0.5mm <sup>2</sup> to 2.5mm <sup>2</sup> (6mm strip length)		n/a
Connection (6 core plug)	Cable section: 6 core-0.2mm <sup>2</sup> to 2.5mm <sup>2</sup> (6mm strip length)		Cable section: 6 core-0.2mm <sup>2</sup> to 2.5mm <sup>2</sup> (8mm strip length) - Torx Head TX6
Ingress/Impact protection	IP20, IK7	IP20, IK10	IP65 IK7
Temp Range	Standard -20°C to +40°C, EM/EP 0°C to +35°C, Sensor -20°C to +40°C, CB 0°C to +30°C, EW/AC 0°C to +30°C		Standard -20°C to +40°C, EM/EP 0°C to +30°C, Sensor -20°C to +35°C, CB 0°C to +25°C, EW 0°C to +30°C

## DIMENSIONS



Dimensions(mm)		
Variant	Length	Fixing Centres
12-24 klm	583	491 ±5
30-36 klm	874	782 ±5
42 klm	1166	1074 ±5

## 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) For Emergency options always point the LED indicator away from walls to maintain visibility.

## TECHNICAL SUPPORT

Telephone: 0161 330 6811

Email:

[technical@whitecroftlight.com](mailto:technical@whitecroftlight.com)

<http://whitecroftlighting.com/>