

Whitecroft
lighting

Flight

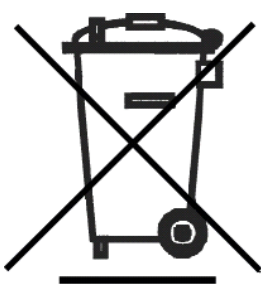


Installation Instruction

May 2026 - Rev H

CE

UK
CA

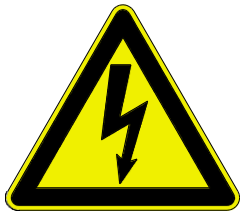


Whitecroft Lighting Limited

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Registered No. 3848973 England Registered Office: As above



Whitecroft Lighting Limited

- 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:

Suspension points (use FGSUSKIT sold separately)

Surface Mounting (fixings supplied by others)

Cutout for trunking and conduit

Loop cable from FGSUSKIT and connect to gripple as shown then adjust to desired height. Then fit toggles through slots on mounting bracket.
When adjusting the wire through the gripple hold the weight of the fitting then adjust.

Gripping

Dimensions(mm)		
Variant	Length	Fixing Centres
12-24 klm	583	491 u5
30-36 klm	874	782 u5
42 klm	1166	1074 u5

Length

Power feed (leave 100mm clearance)

4. Mount fitting to bracket:

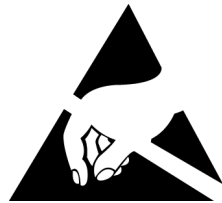
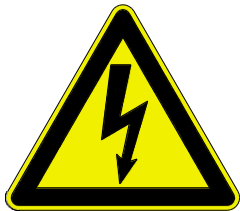
Hook product onto suspension

Press product up into

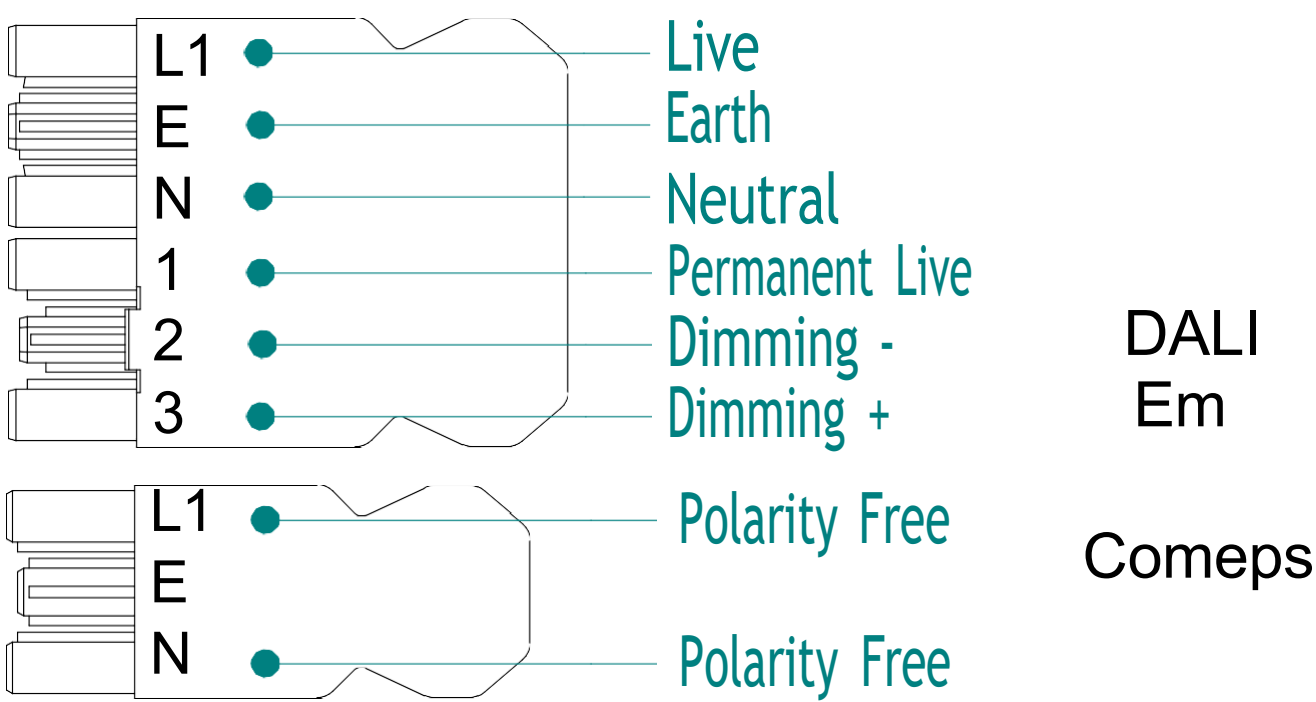
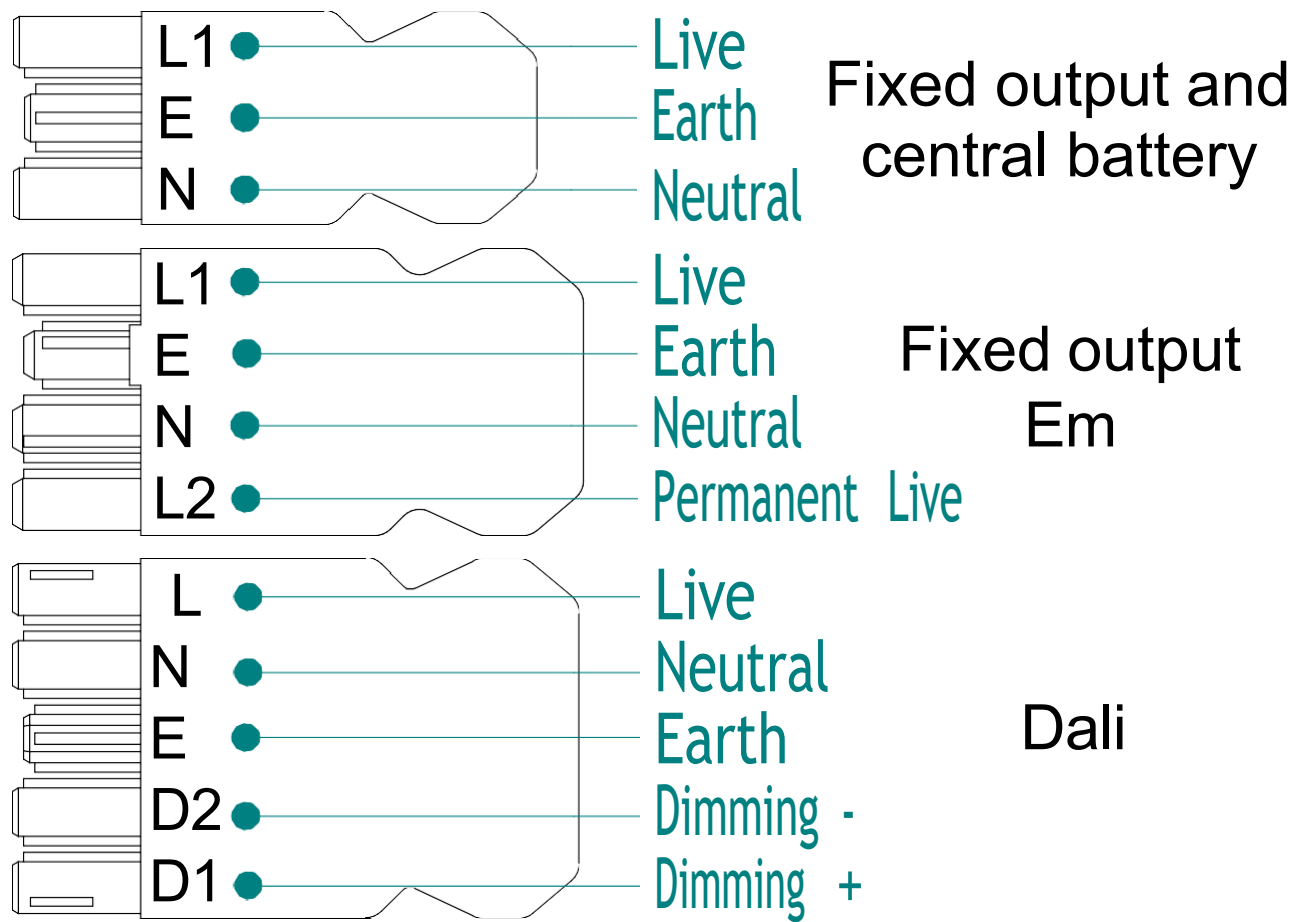
- 5. Fit locking screws to secure fitting during impact using No10 screws provided

DETAIL A

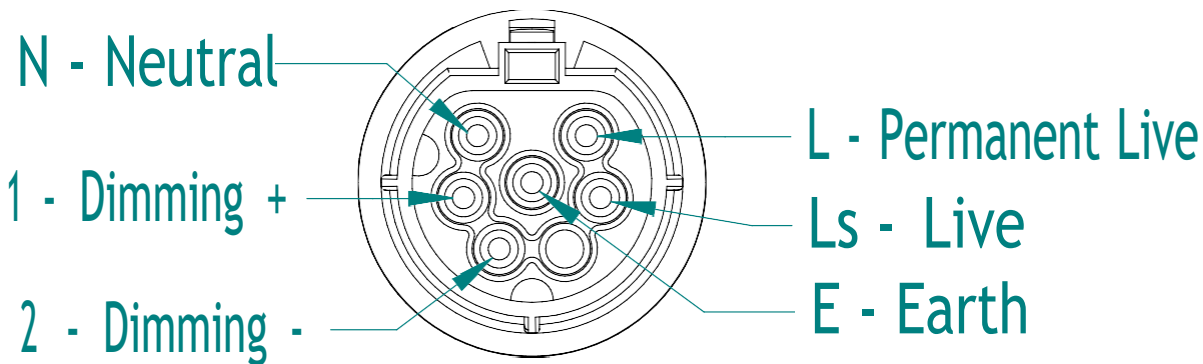
SECONDARY SUSPENSION CABLE POINT



5. Wire plug(s):

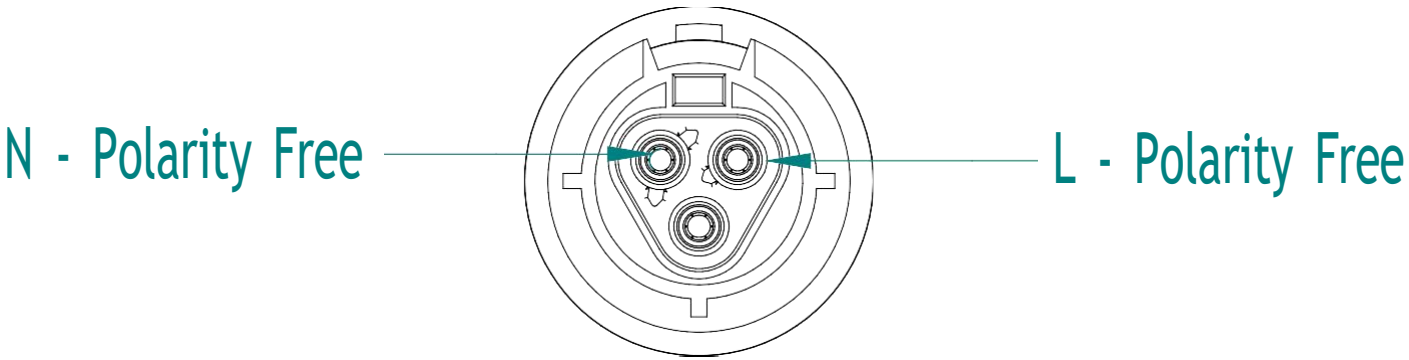


IP65

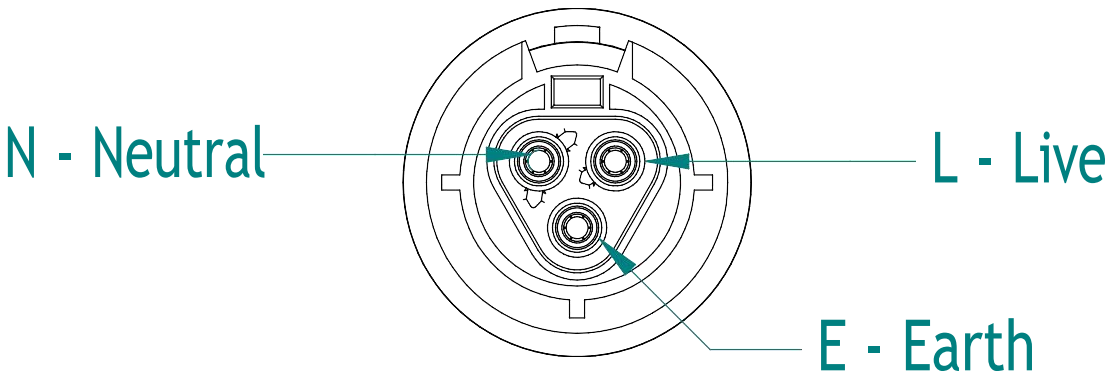


Terminal heads TX6
TORX6-KEY available

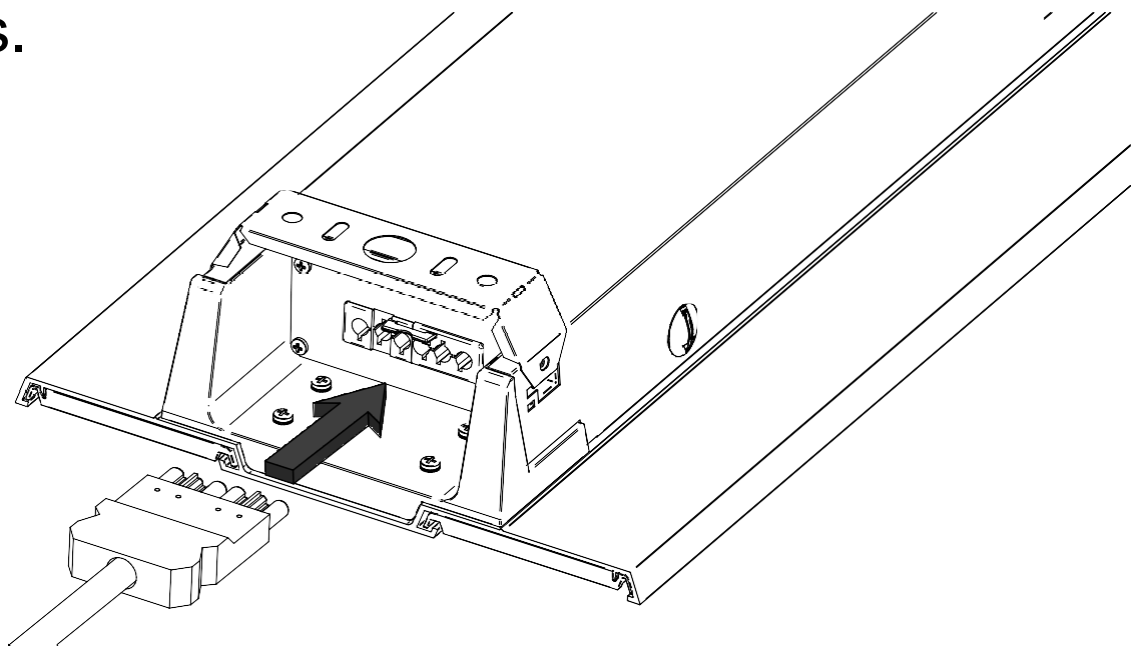
IP65 Comeps



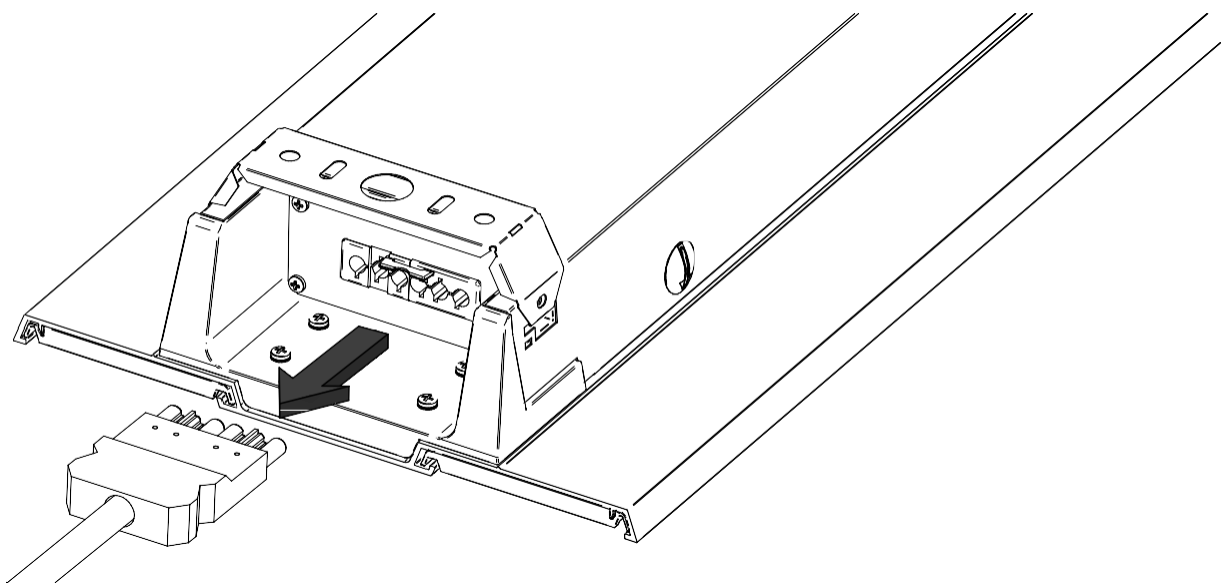
IP65 Central Battery

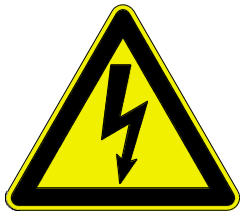


6. Fit plugs.

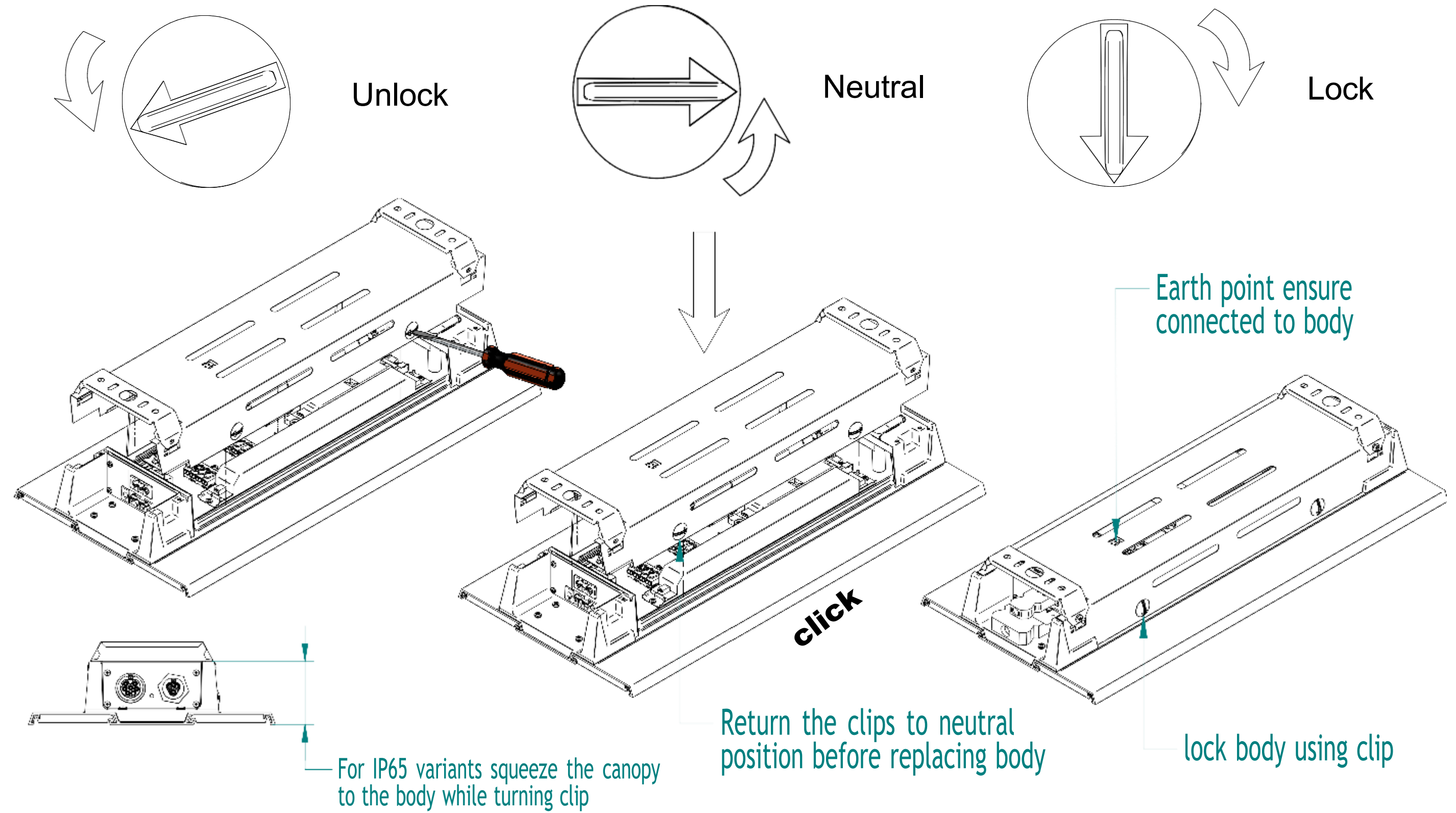


7. Remove power before maintaining fitting.





8. On Standard and IP options 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.



9. On Sport options to maintain product or access battery remove the body by unscrewing the 4 corner screws on the side of the canopy with a pozidrive screwdriver in the positions below.

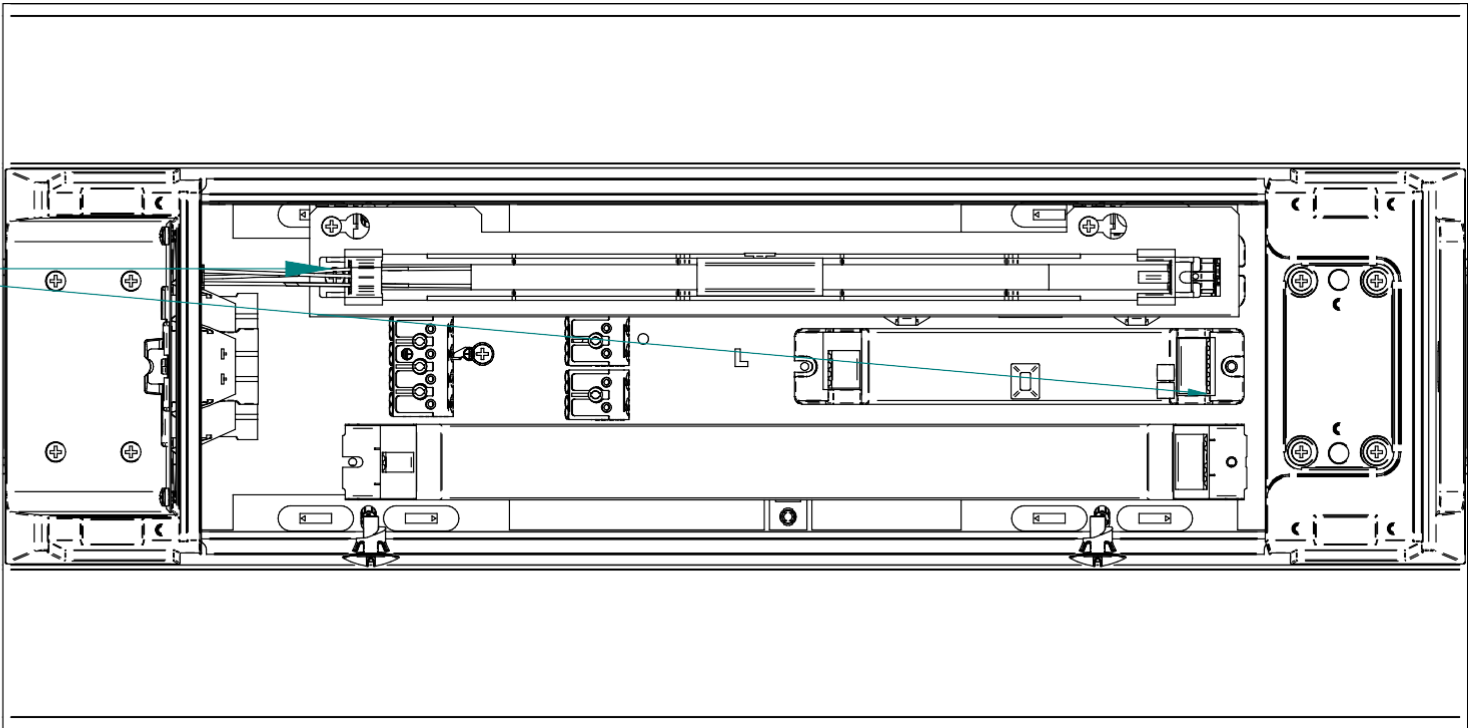
This will release the body which then hangs on the suspension cords.



10. Battery

Use plug to connect battery to invertor.

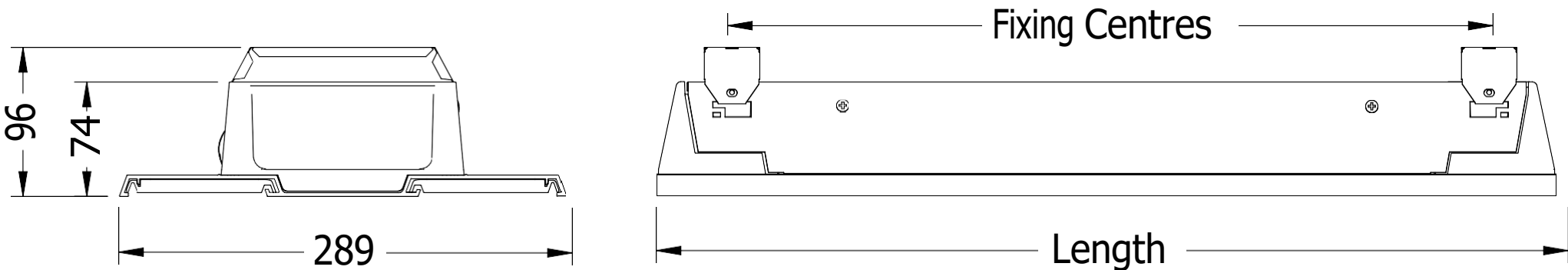
Battery can also be removed and replaced by removing screw.



SPECIFICATION

Variant	Standard	Sport	IP 65
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-0.5mm² to 2.5mm² (6mm strip length)		Cable section: 3 core-0.75mm² to 6mm² (8mm strip length) - Torx Head TX6
Connection (4 core plug)	Cable section: 4 core-0.5mm² to 2.5mm² (6mm strip length)		n/a
Connection (5 core plug)	Cable section: 5 core-0.5mm² to 2.5mm² (6mm strip length)		n/a
Connection (6 core plug)	Cable section: 6 core-0.2mm² to 2.5mm² (6mm strip length)		Cable section: 6 core-0.2mm² to 2.5mm² (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 u5
30-36 klm	874	782 u5
42 klm	1166	1074 u5

General Information

- 1. A qualified electrician, in accordance with IET wiring regulations should carry out connection to mains wiring.
- 2. Luminaire must be isolated before commencing any necessary maintenance work or battery connection.
- 3. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 4. Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
- 5. The light source contained in the luminaire shall only be replaced by the manufacturer or a designated service agent or a suitably qualified person.
- 6. Batteries must only be replaced by a qualified electrician once they fail to meet the required duration.
- 7. Dali control cables must be double insulated & have an equivalent rating to the supply cable if applicable.
- 8. Ensure ceiling is of sufficient strength to support luminaire - Fit secondary suspension where necessary.
- 9. Observe ESD precautions during installation.
- 10. All luminaires must be EARTHED.(Excluding Class II luminiaries).
- 11. Do not use the wire suspension to raise or lower the luminaire. (See full instructions for further details.)

TECHNICAL SUPPORT

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http://whitecroftlighting.com/