

Whitecroft
lighting

Careline



Installation Instruction

December 2021 - Rev A



Whitecroft Lighting Limited

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

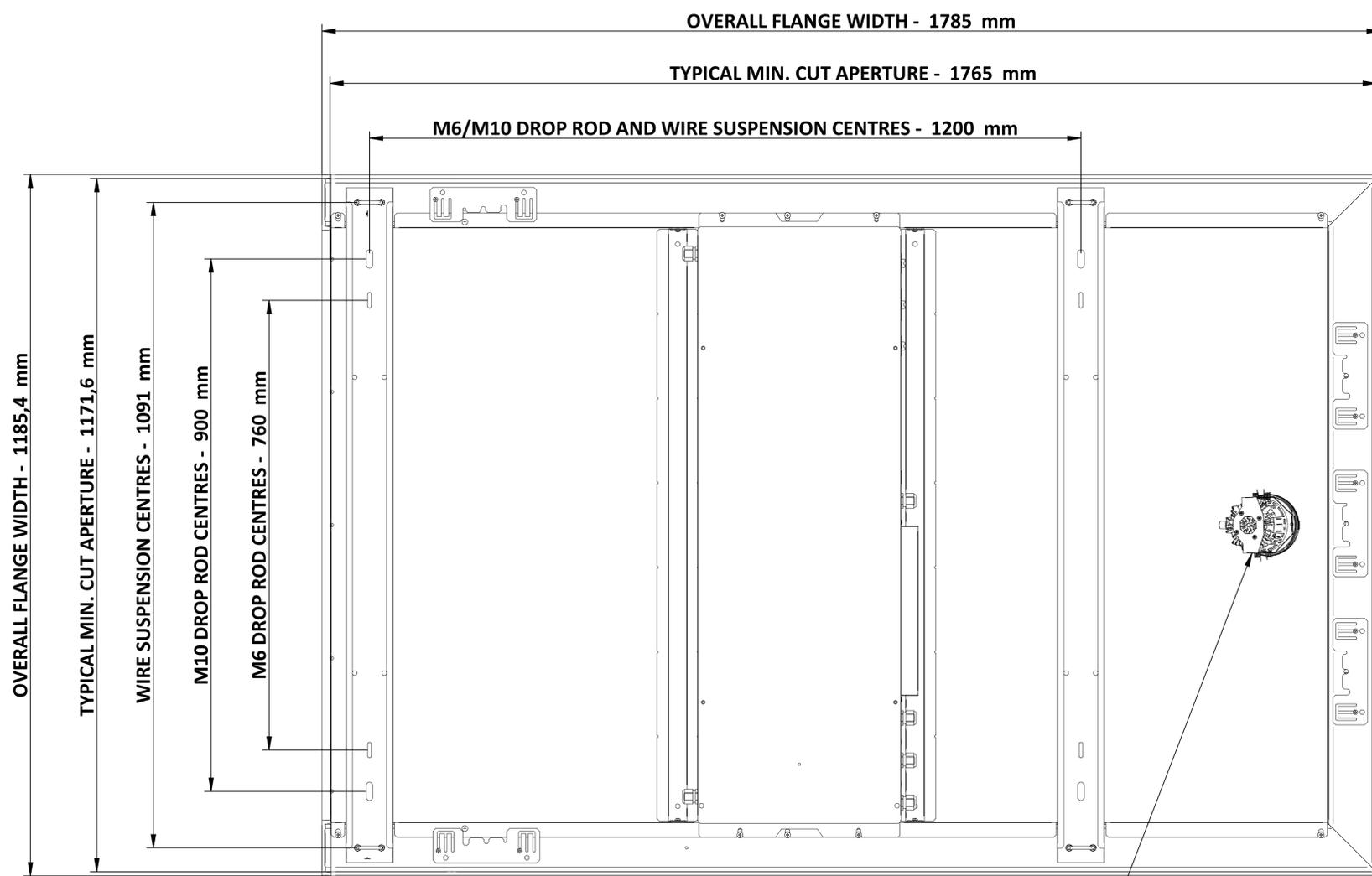
Telephone +44 (0)161 330 6811 Facsimile: +44 (0)161 331 5855

Registered No. 3848973 England

Registered Office: As above



1 Prepare aperture - suspended ceiling grid only



NOTE ORIENTATION OF NIGHT LIGHT - SHOULD BE FACING AWAY FROM BED

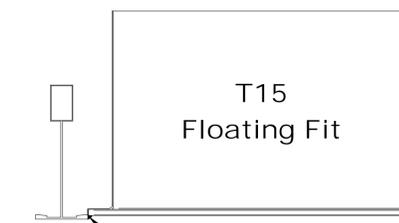
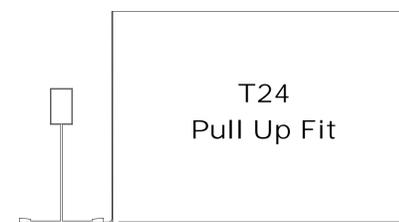
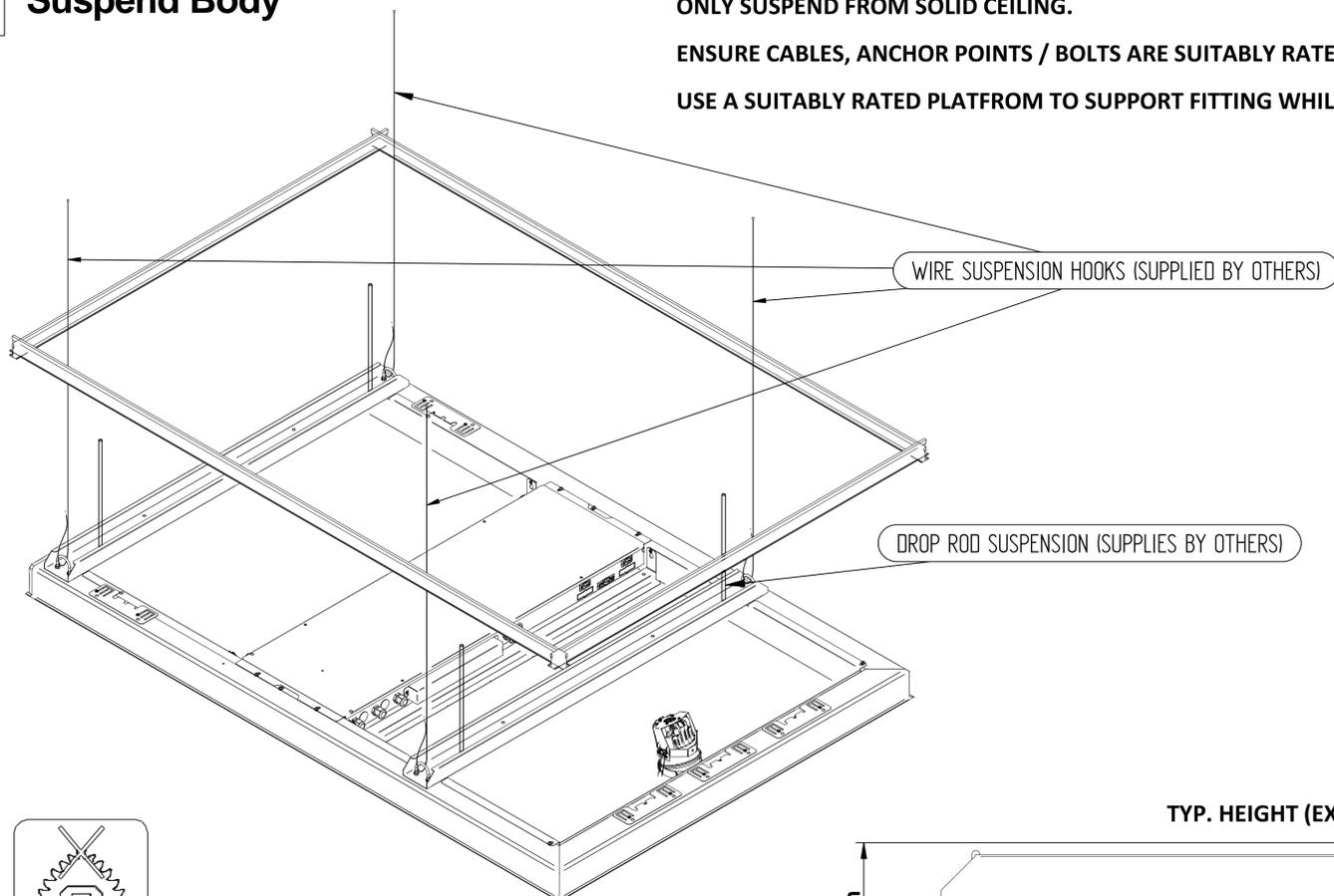
T24 & T15 GRIDS ONLY

2 Suspend Body

ONLY SUSPEND FROM SOLID CEILING.

ENSURE CABLES, ANCHOR POINTS / BOLTS ARE SUITABLY RATED FOR THE PRODUCTS WEIGHT.

USE A SUITABLY RATED PLATFORM TO SUPPORT FITTING WHILST DROP RODS / SUSPENSION WIRES ARE FIXED.



Mastic gap to maintain ceiling IP rating
Mastic supplied by others

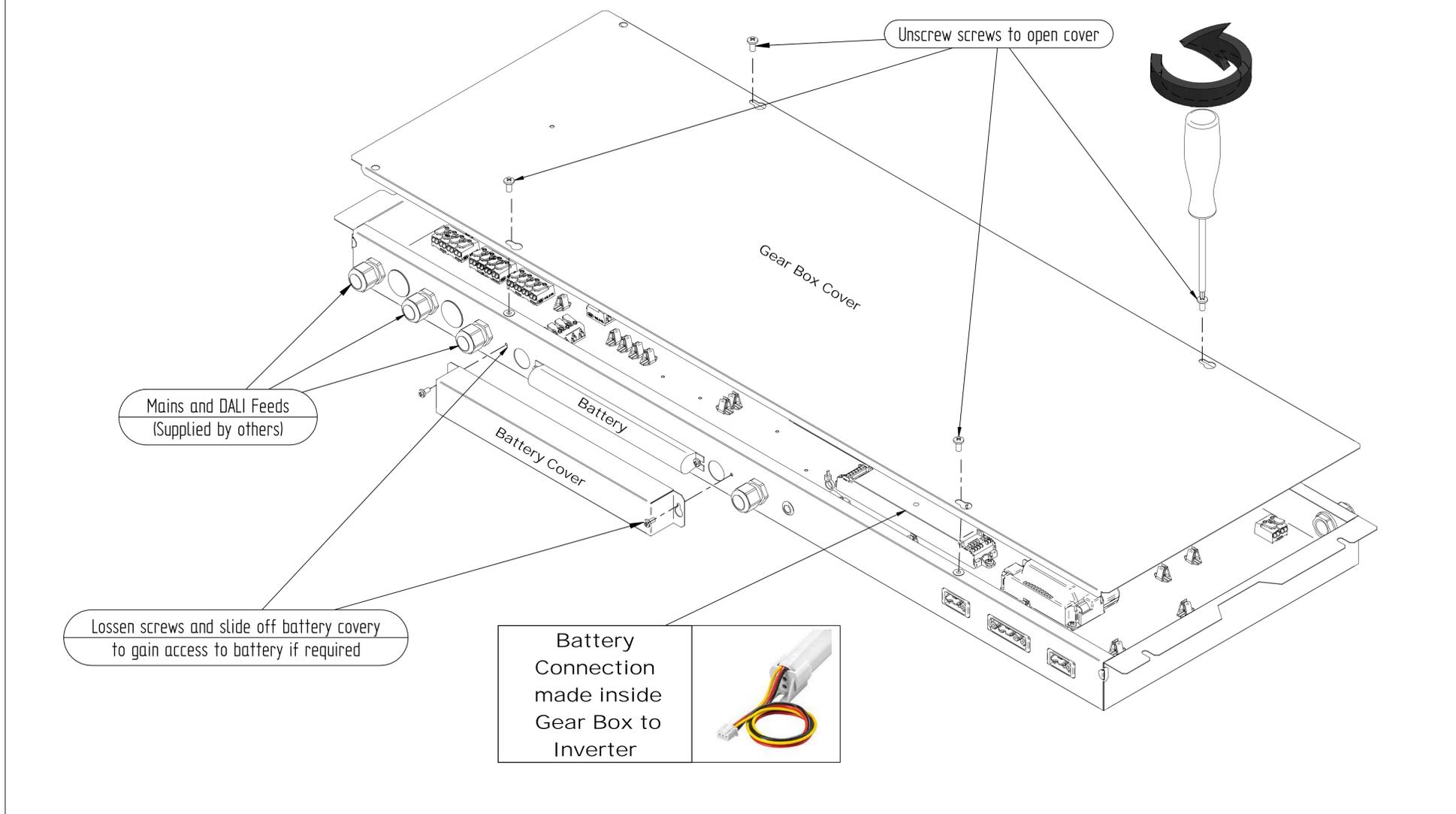
TYP. HEIGHT (EXCLUDING SUSPENSION FIXING)



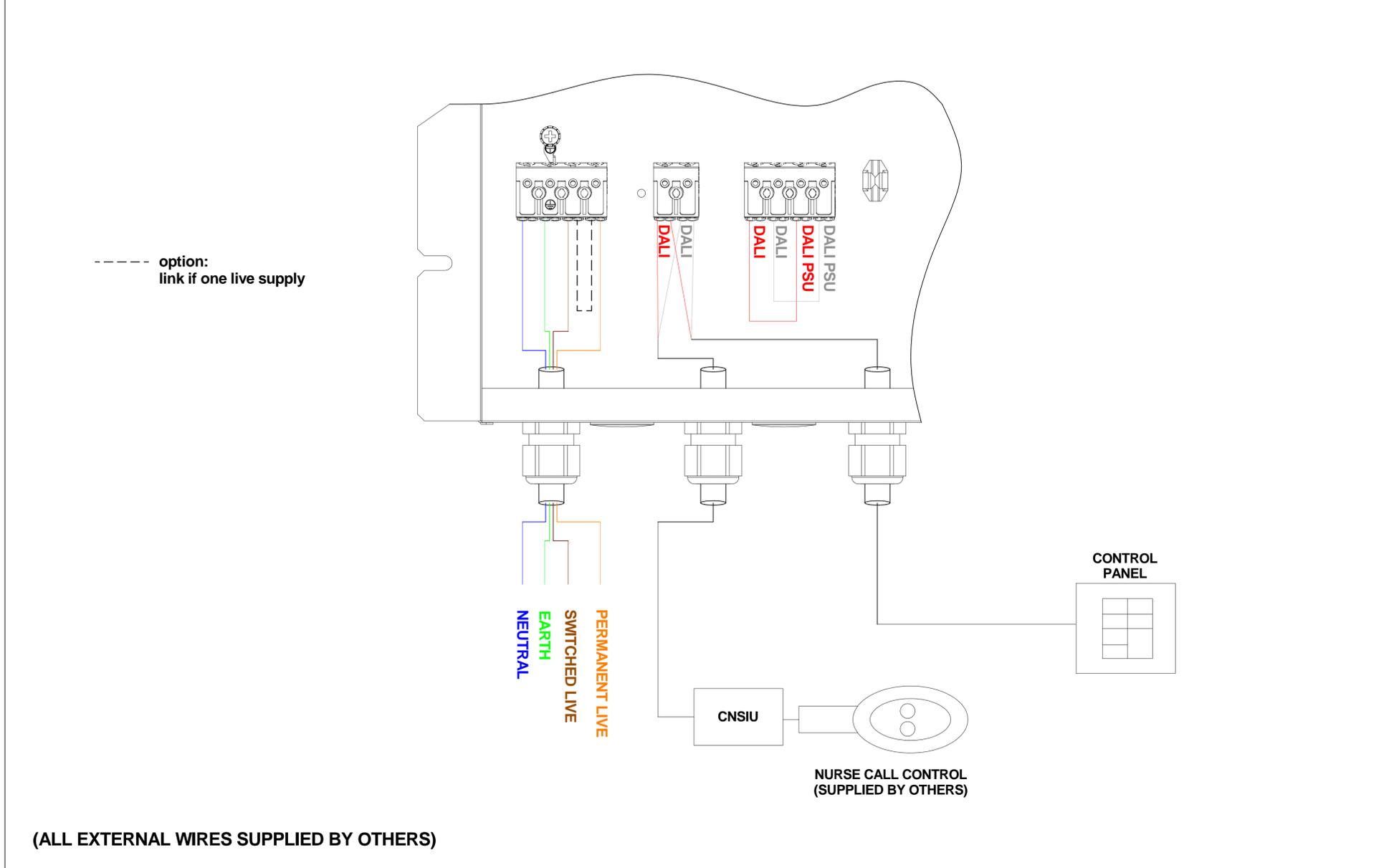
DO NOT COVER
with
Thermal Insulation



3 Access to Gear Box - Control Panels, Switches and Supply

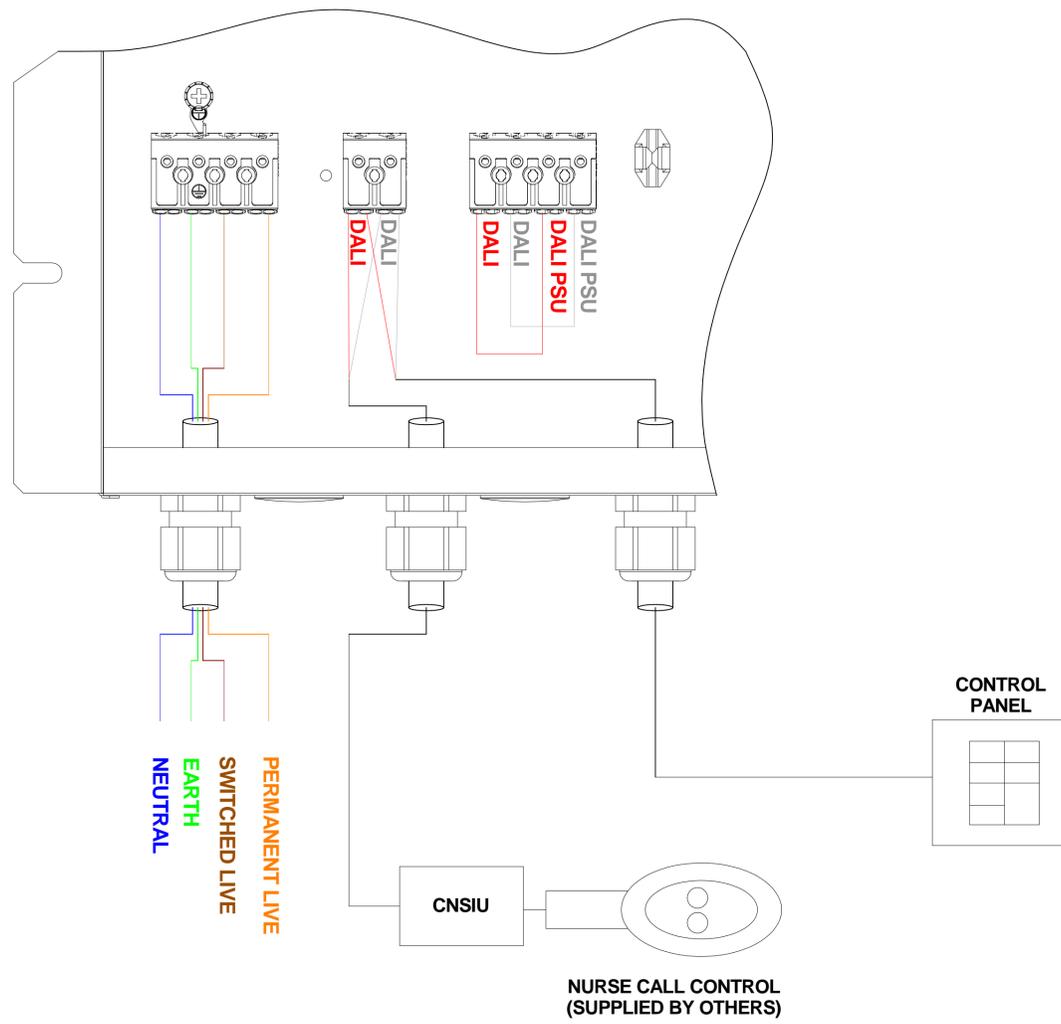


4A Wiring - Standalone System - CL2YR94K



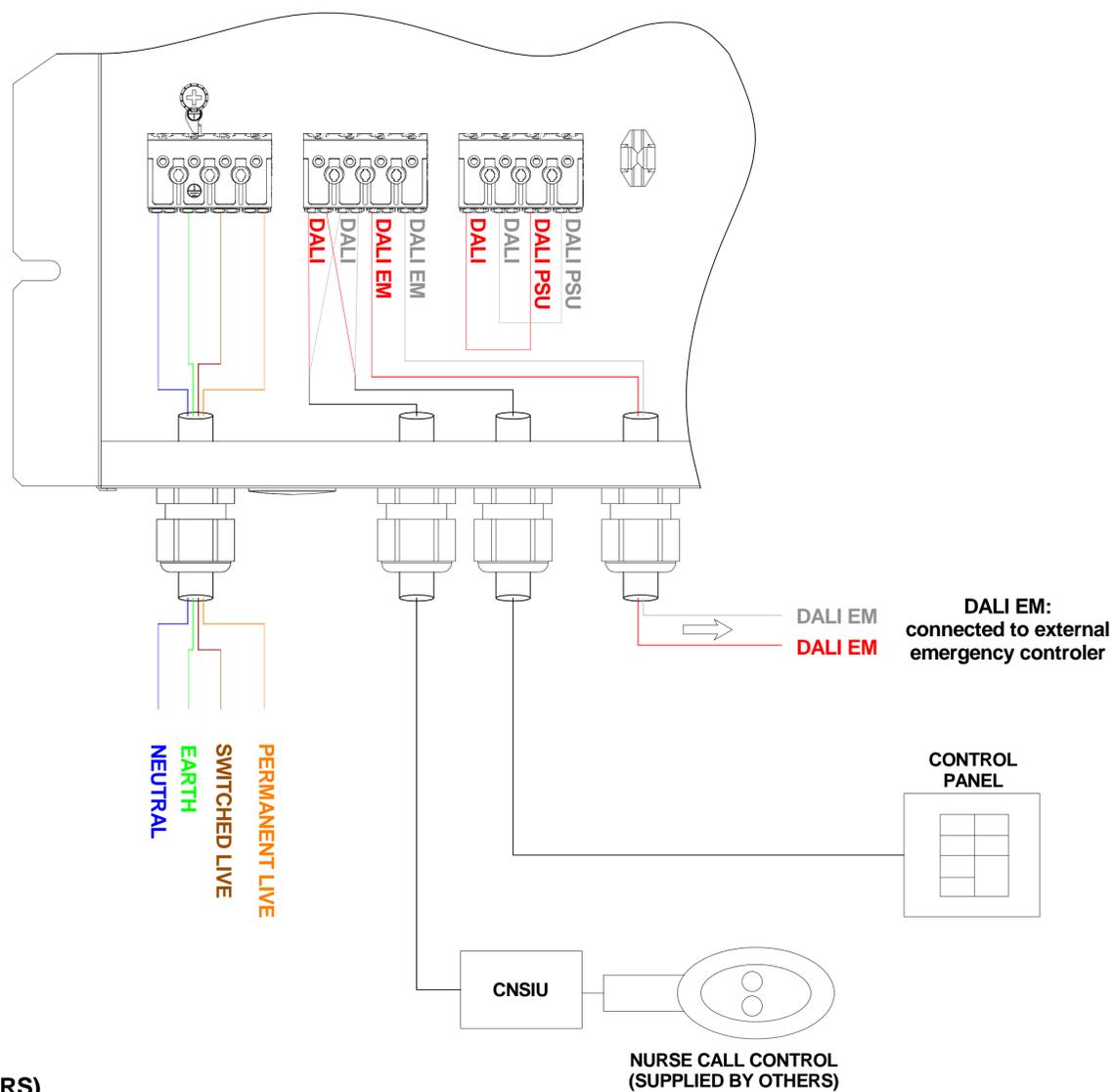


4B Wiring - Standalone System - CL2YR94KEM



(ALL EXTERNAL WIRES SUPPLIED BY OTHERS)

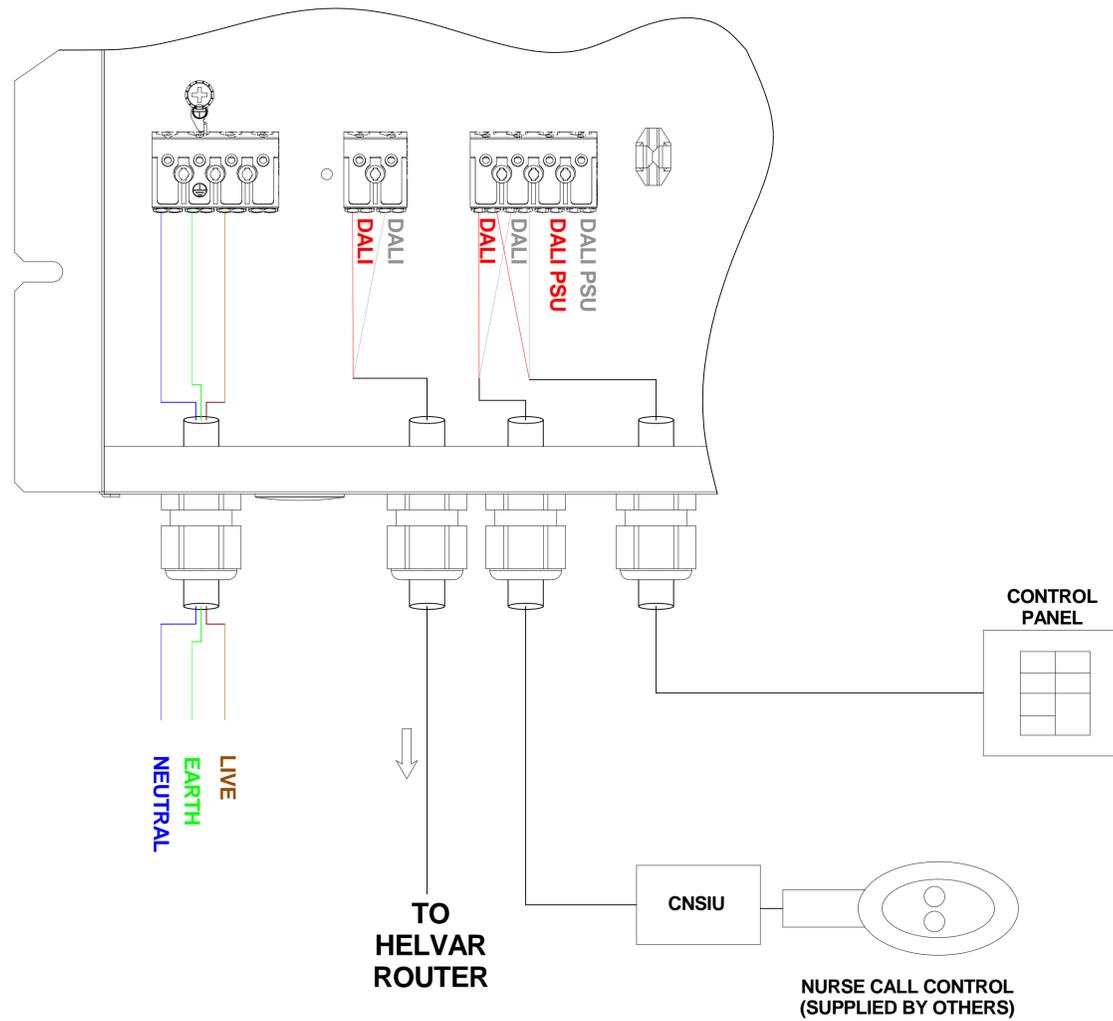
4C Wiring - Standalone System - CL2YR94KEP



(ALL EXTERNAL WIRES SUPPLIED BY OTHERS)



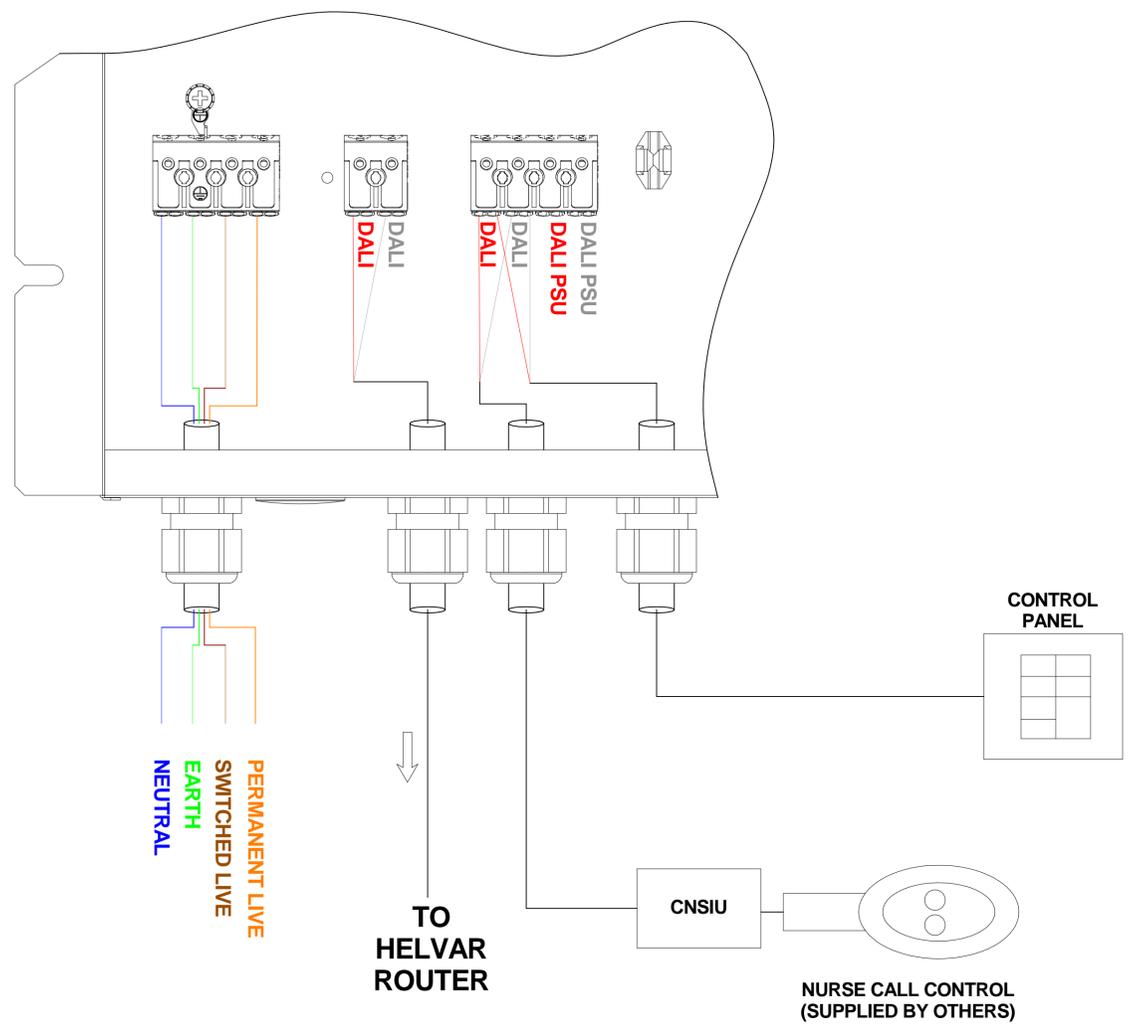
5A Wiring - External Helvar Router - CL2YR94K



Caution
Remove Link Wires
when using
External Helvar Router

(ALL EXTERNAL WIRES & HELVAR ROUTER SUPPLIED BY OTHERS)

5B Wiring - External Helvar Router - CL2YR94KEM

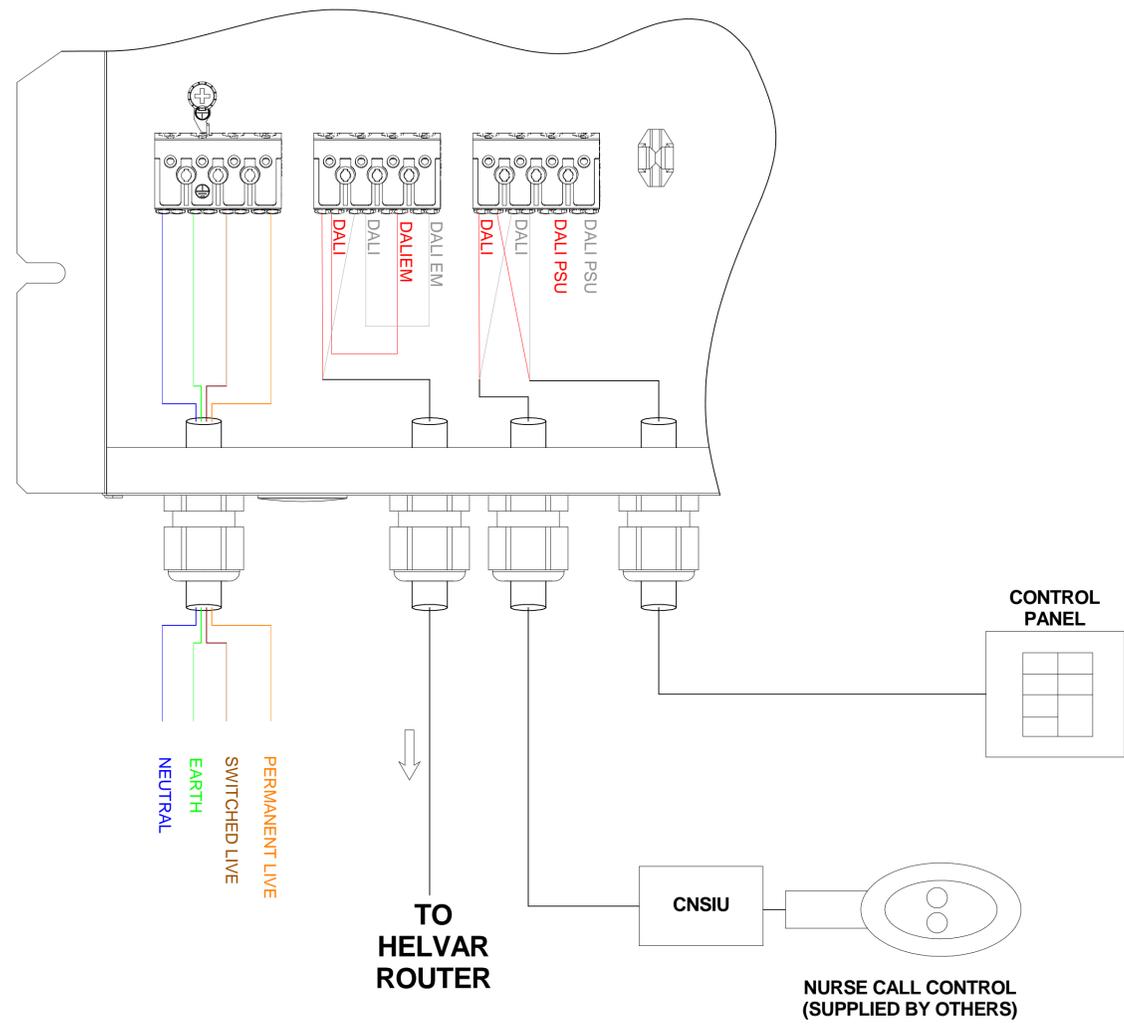


Caution
Remove Link Wires
when using
External Helvar Router

(ALL EXTERNAL WIRES & HELVAR ROUTER SUPPLIED BY OTHERS)



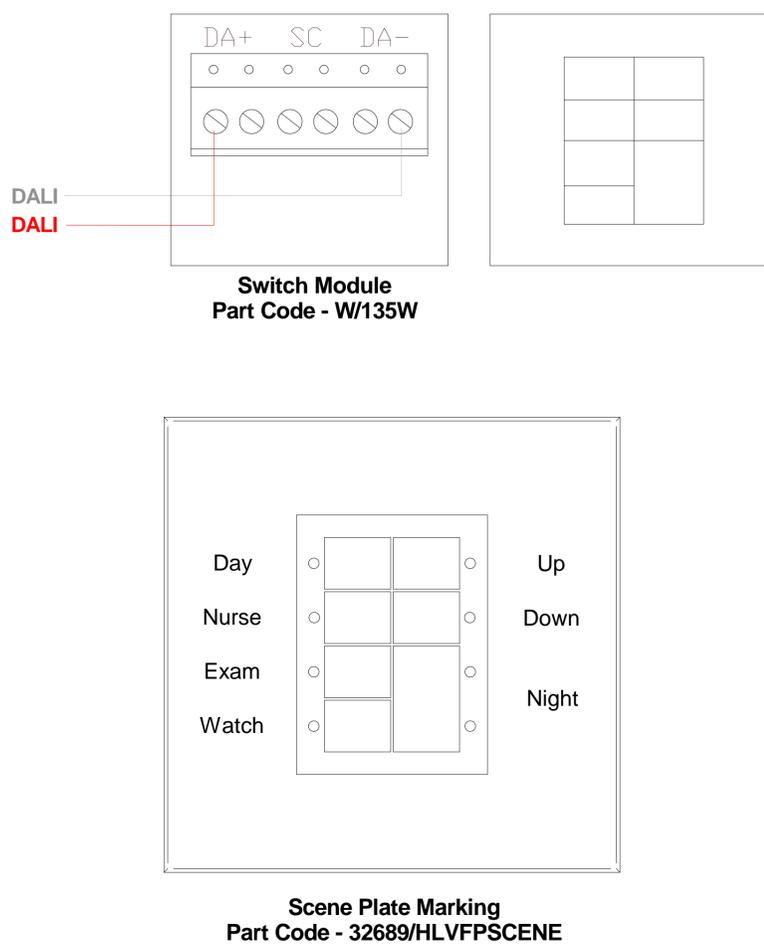
5 Wiring - External Helvar Router - CL2YR94KEP



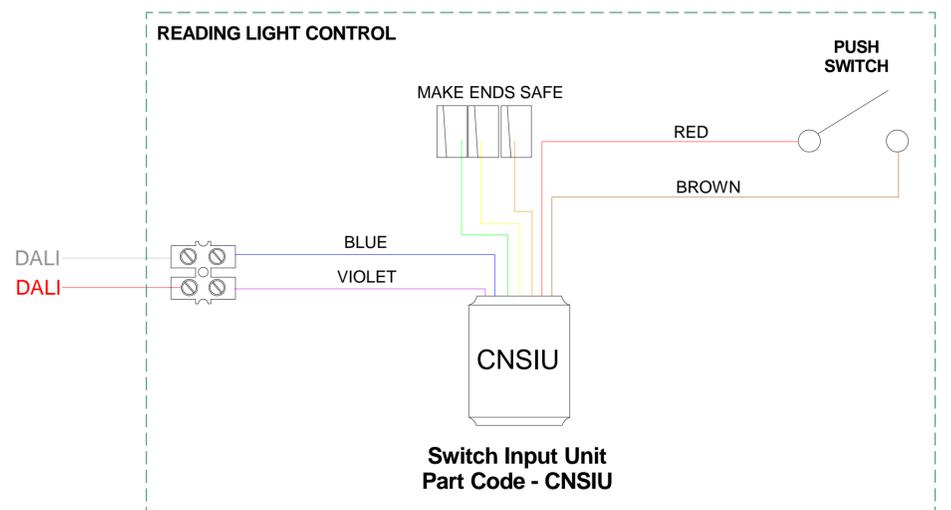
Caution
Remove Link Wires
when using
External Helvar Router

(ALL EXTERNAL WIRES & HELVAR ROUTER SUPPLIED BY OTHERS)

6 Wiring - Control Panel

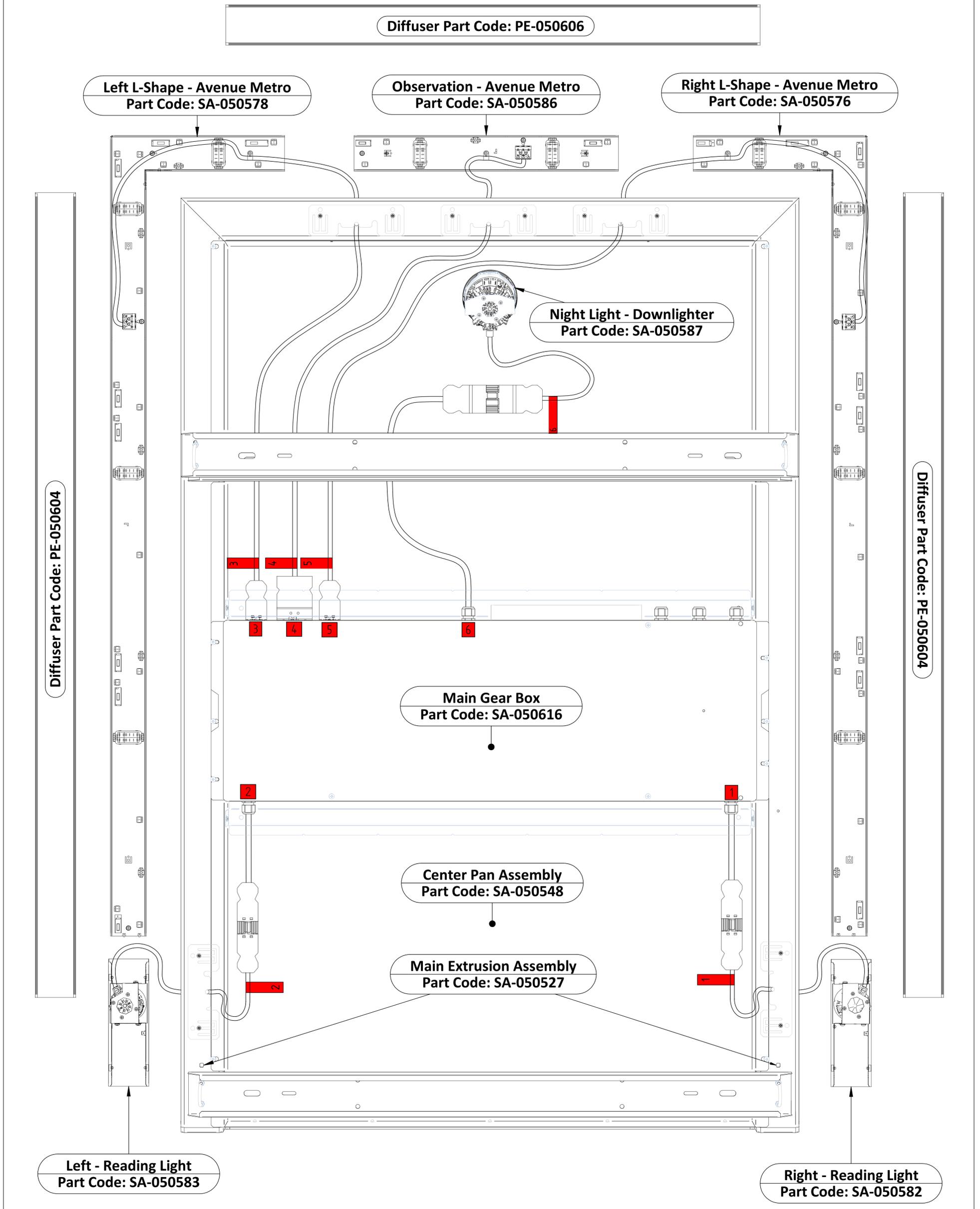


7 Wiring - Switch Input Unit





Product Overview





Maintenance / Repair - Diffuser Removal

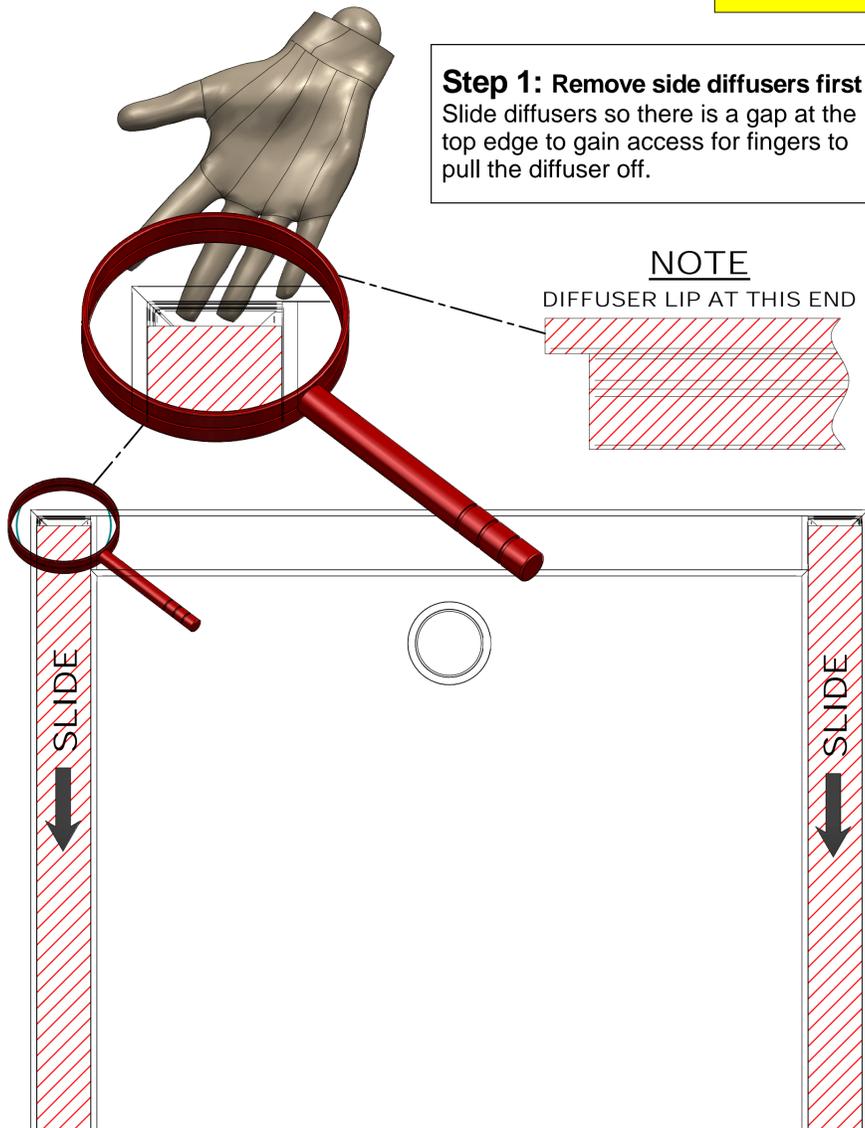
Electrostatic Sensitive Device
Ensure correct protection worn

Warning
Diffusers are not tethered and may fall during removal

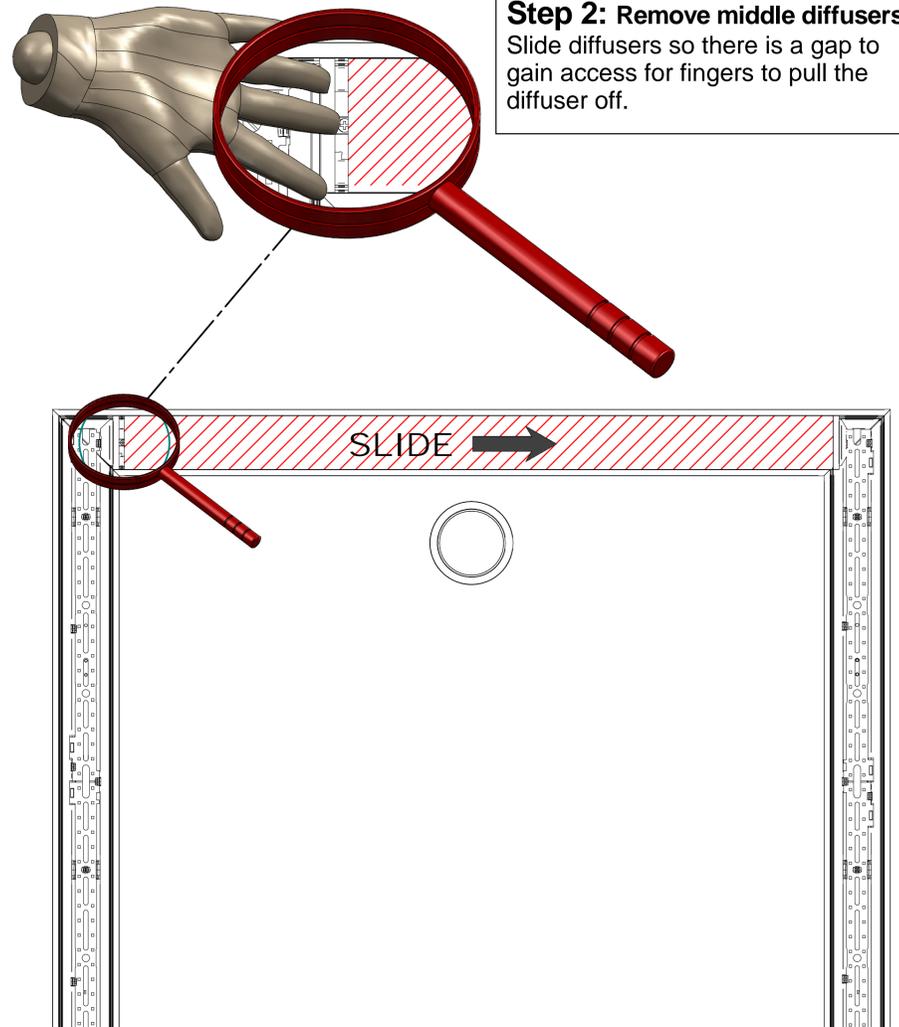
Danger
Isolate main supply before performing Maintenance / Repair

Step 1: Remove side diffusers first
Slide diffusers so there is a gap at the top edge to gain access for fingers to pull the diffuser off.

NOTE
DIFFUSER LIP AT THIS END



Step 2: Remove middle diffusers
Slide diffusers so there is a gap to gain access for fingers to pull the diffuser off.



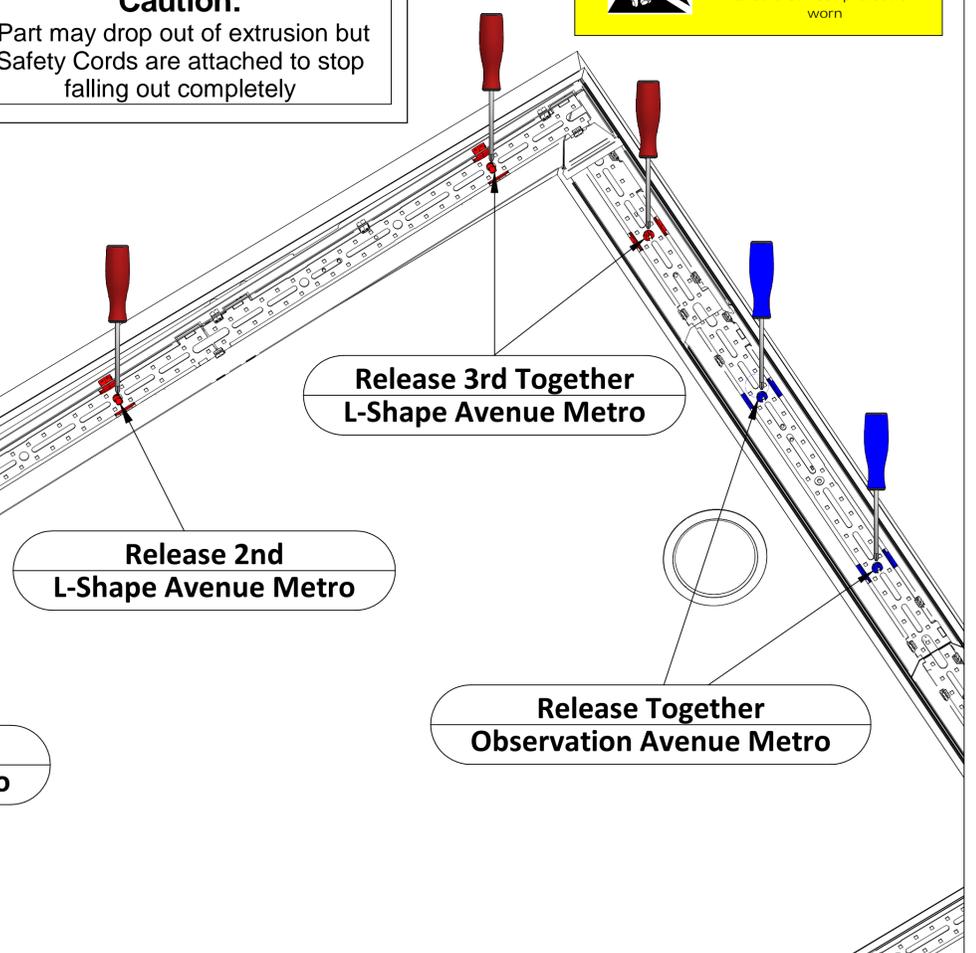
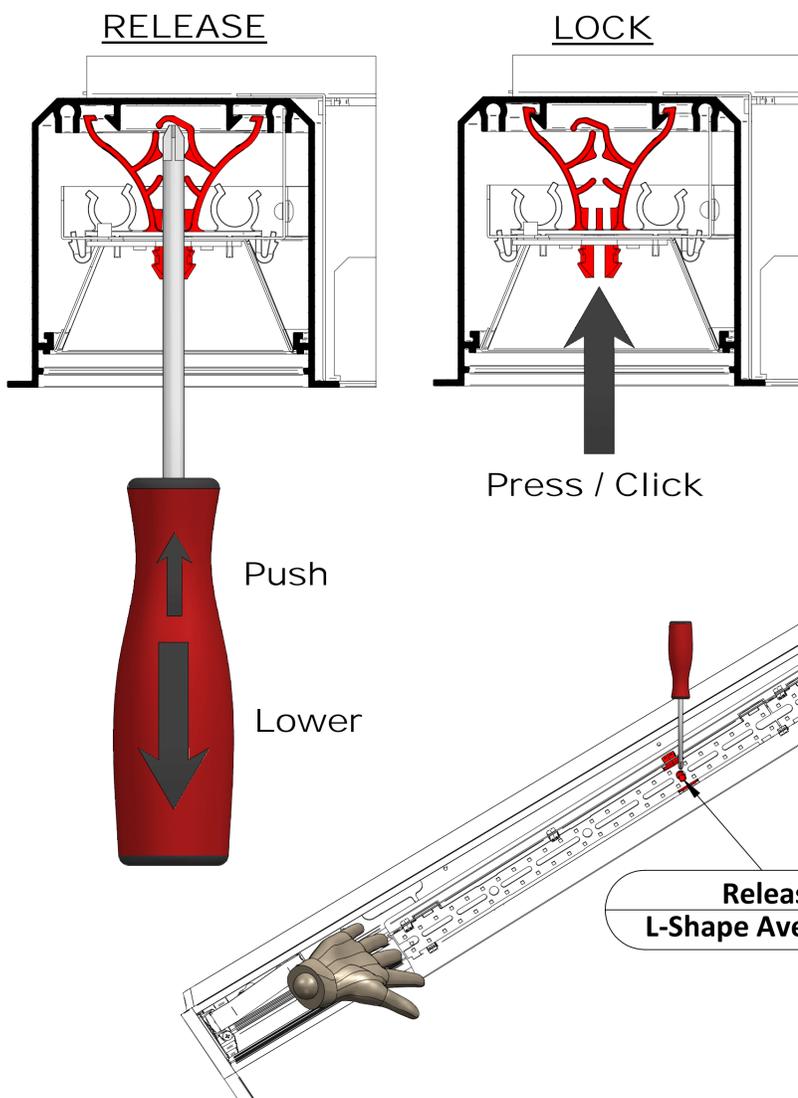
Maintenance / Repair - Avenue Metro Removal

Danger
Isolate main supply before performing Maintenance / Repair

Electrostatic Sensitive Device
Ensure correct protection worn

Step 1: Remove Avenue Metro
Using two screw drivers inserted into holding clip holes as shown, work through the sequence below to remove the Avenue Metro.

Caution:
Part may drop out of extrusion but Safety Cords are attached to stop falling out completely

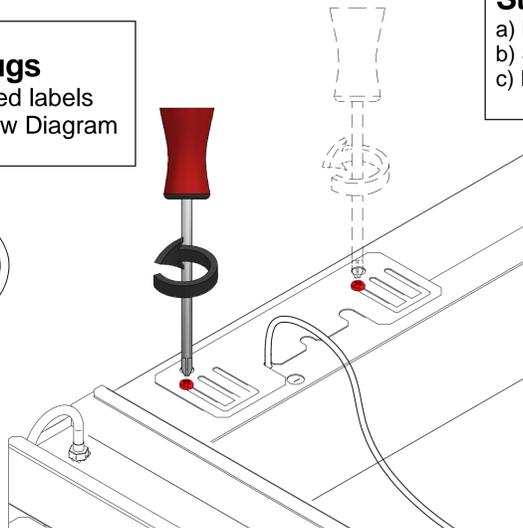
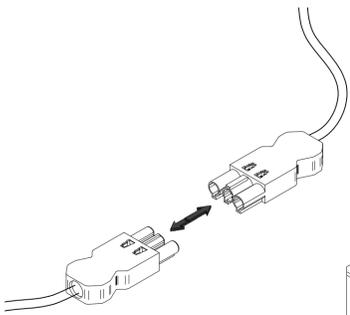




Maintenance / Repair - Cable Removal

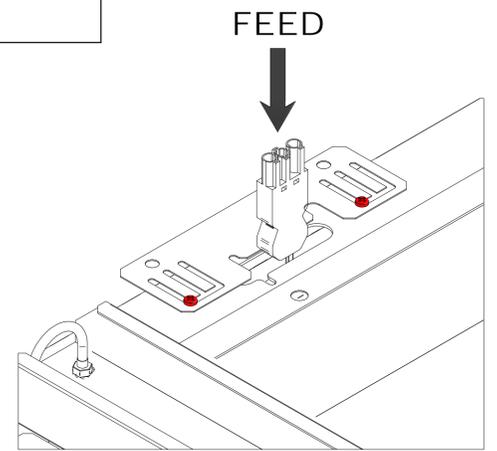
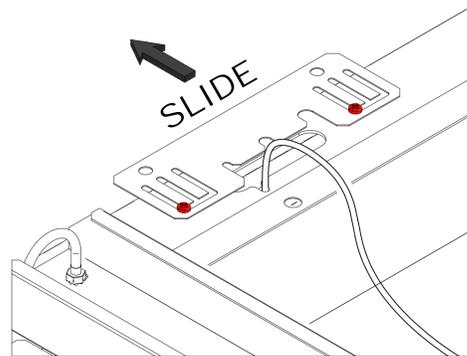
Step 1: Disconnect Plugs

Pull apart specific plug required labels noted on the Product Overview Diagram



Step 2: Cover Loosened

- Loosen 2 screw (Note: Removal not required)
- Slide cover to end of slot (Note: Different cable diameters)
- Feed cable back through slot to uninstal



Danger

Isolate main supply
before performing
Maintenance / Repair

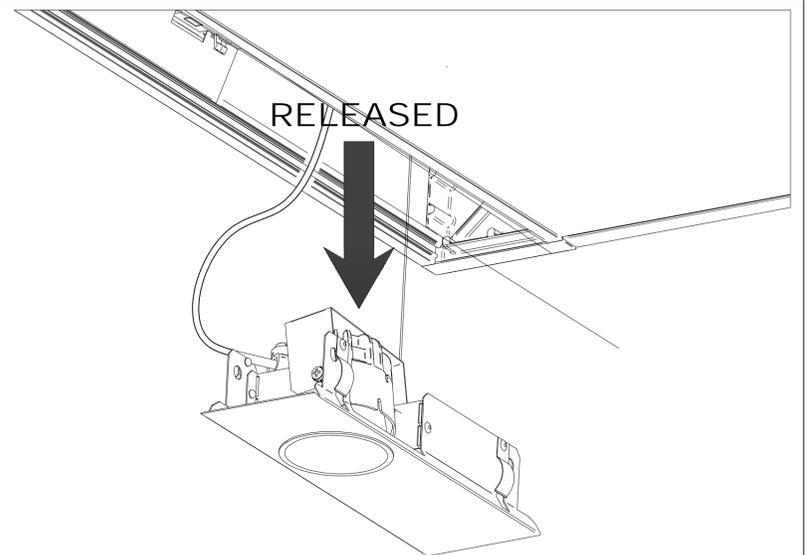
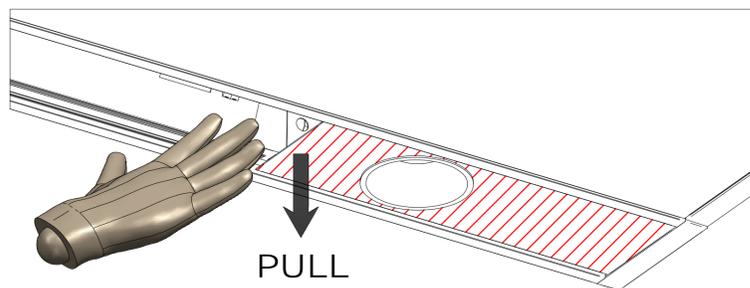
Maintenance / Repair - Reading Light Removal

Step 1: Remove Reading Light

Diffusers must be removed first, then pull the reading light out as shown.

Caution:

Part may drop out of extrusion but Safety Cords are attached to stop falling out completely.



Danger

Isolate main supply
before performing
Maintenance / Repair



Warning

EARTH must be connected
after maintenance / repair

Maintenance / Repair - Night Light Removal

Step 1: Unclip LED Indicator

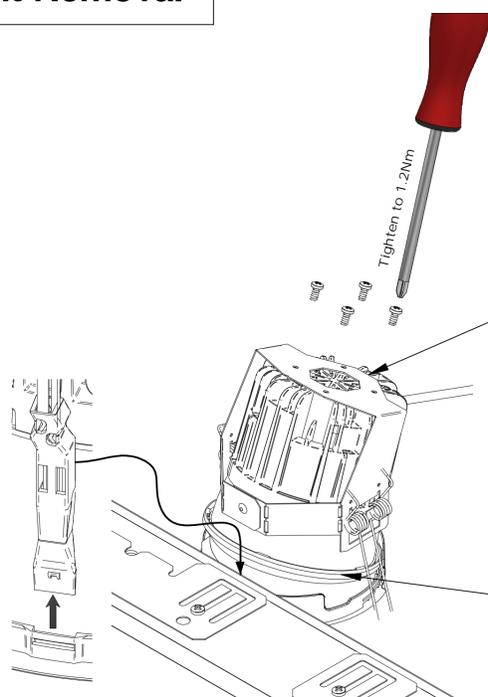
Gently unclip LED indicator by pushing indicator inwards towards product and lifting upwards slowly.

Step 2: Unscrew spring bracket

Un-screw the 4 screws on the back of the heatsink while holding the reflector baffle so the fitting does not push down into the hole. Spring bracket will come apart from the product.

Warning:

Product will fall through hole if released lower by holding the cable and feeding product down.



Warning

Downlighter parts may fall
during removal

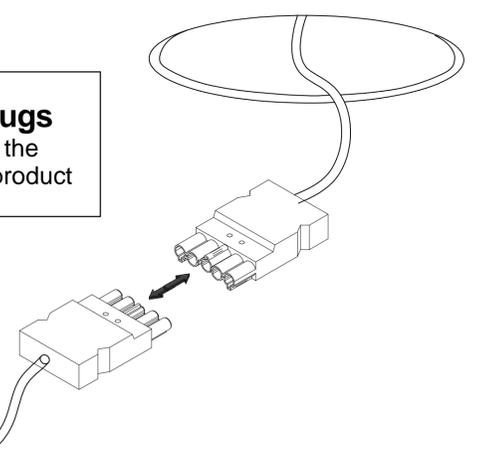


Danger

Isolate main supply
before performing
Maintenance / Repair

Step 3: Disconnect Plugs

Pull apart plug while holding the downlight from underneath product





SPECIFICATION:

Lamp type:	LED
LED Colour:	4000K
Finish:	White Textured
Materials:	Body - Aluminium Gear Trays / Pans - Steel Diffusers - Polycarbonate
Weight:	38.13Kg (Standard) 38.65 Kgs (Emergency)
Control Gear:	Dali
Emergency:	Integral 3hr / COMEPS
Supply:	220-240V 50/60Hz
Operating Temperature:	0 ⁰ c to 30 ⁰ c
Supply Flex:	1.5 - 2.5mm ² appropriate to load, run length and electrical protection employed.
Cable Entry:	Gear Box, M20 Glands - 14mm Diameter max
Terminal Block:	0.5 - 1.0mm ² / 0.5 - 2.5mm ² Releasable, 10-11mm stripped
Ingress Protection:	IP40
Ceiling Compatibility:	T15/T25 (Special layout required to suit run design)

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. Batteries used in emergency versions of this luminaire range are replaceable by a qualified electrician.

TECHNICAL SUPPORT
Telephone: 0161 311 5700
Email: technical@whitecroftlight.com
<http://www.whitecroftlighting.com>