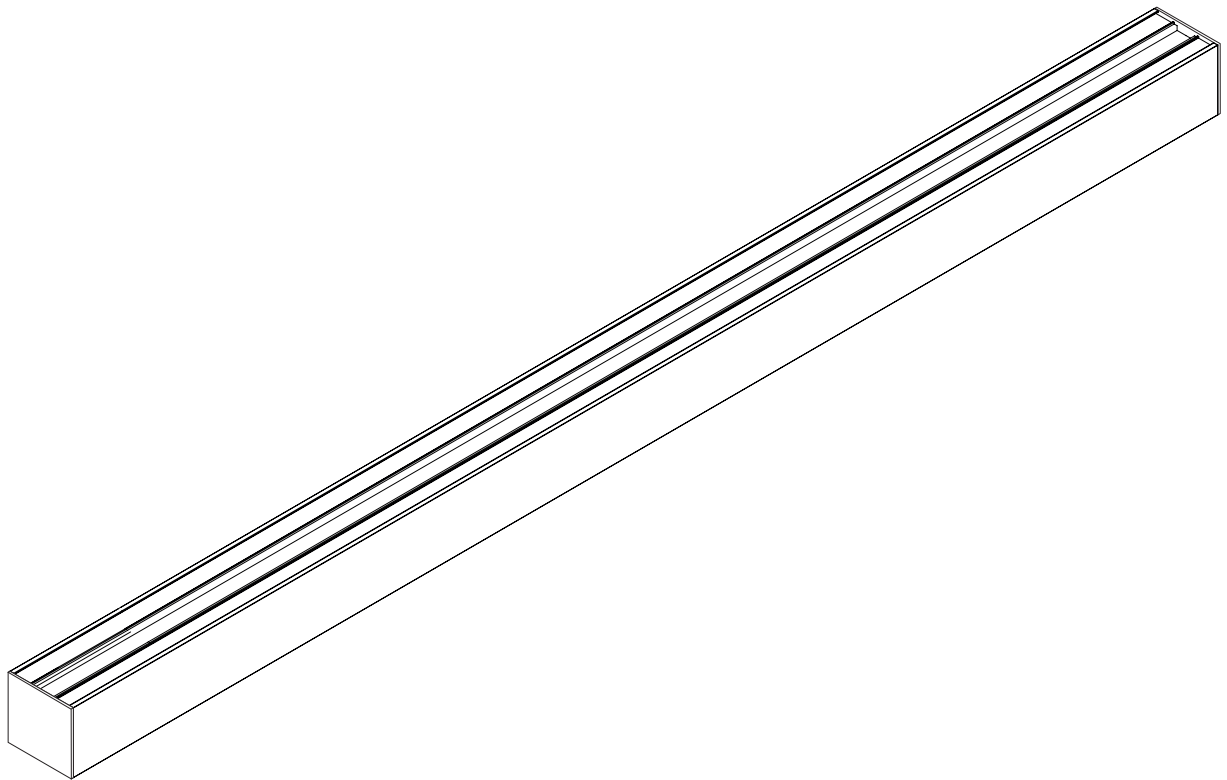


# **SubSpace 50/70/90**

Surface mounted Linear System

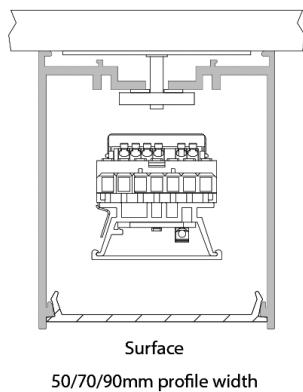
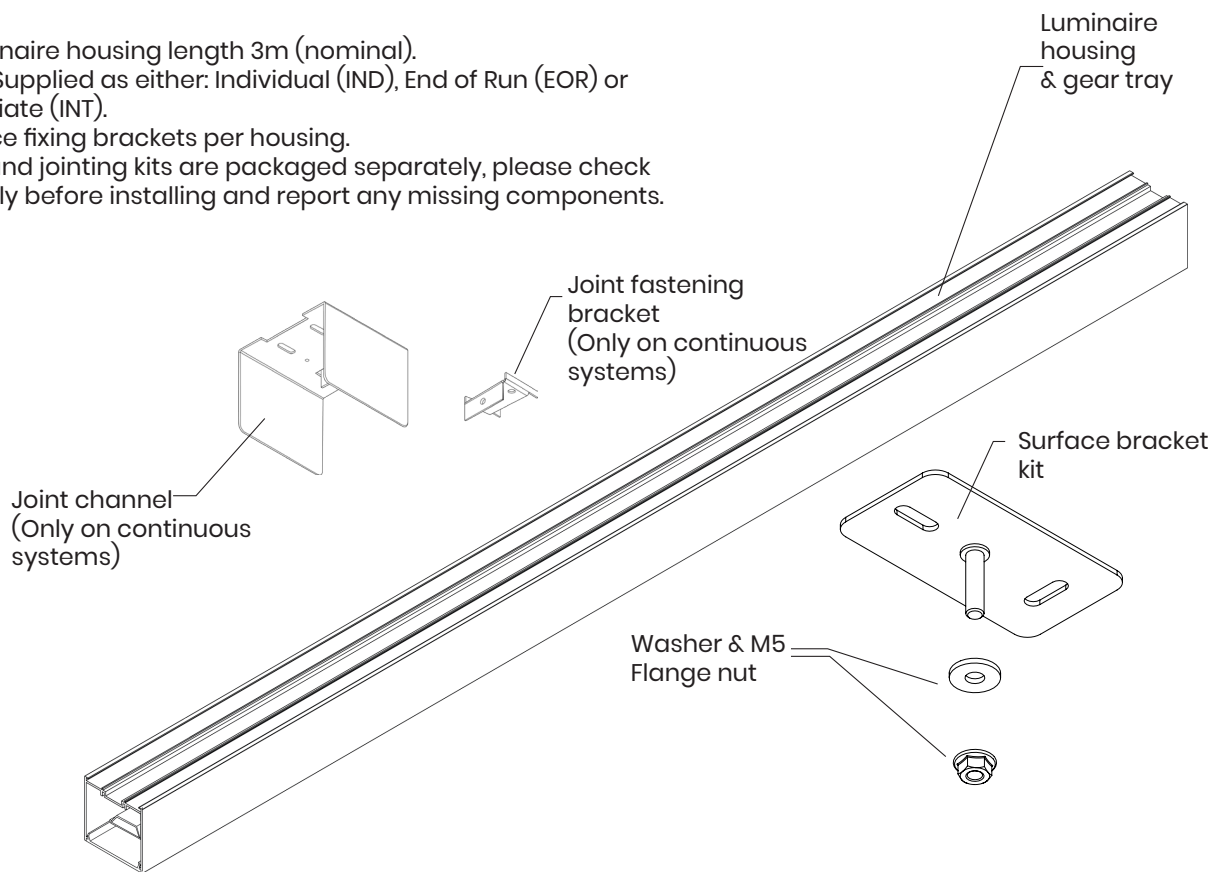


**P&A**

# SubSpace 50/70/90

### As Standard

- Max Luminaire housing length 3m (nominal).
- Housing Supplied as either: Individual (IND), End of Run (EOR) or Intermediate (INT).
- 2 x Surface fixing brackets per housing.
- Fixation and jointing kits are packaged separately, please check thoroughly before installing and report any missing components.

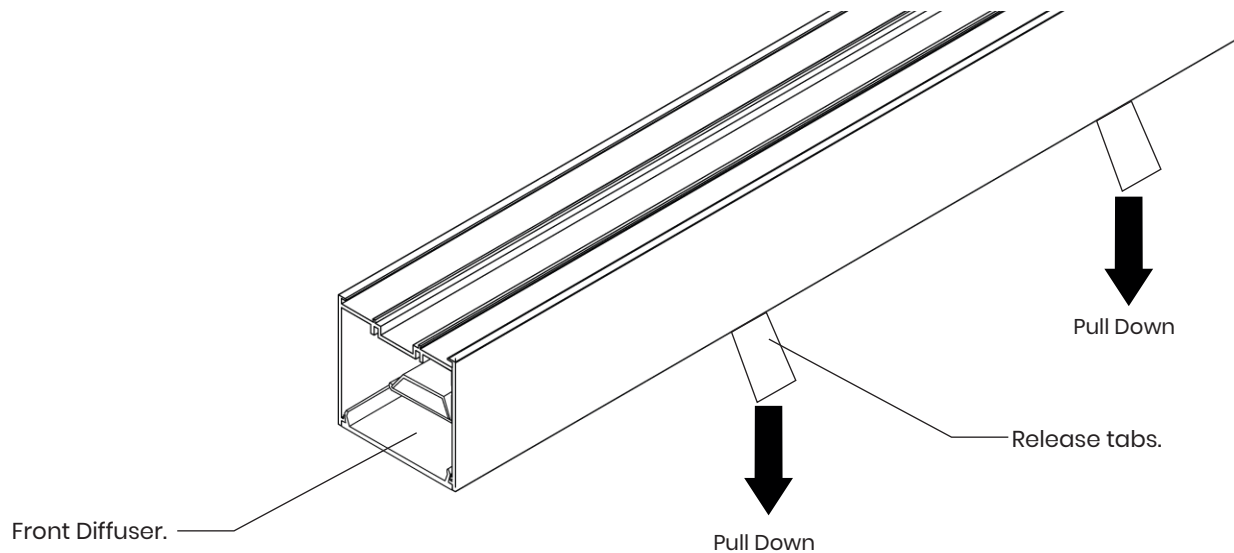


Nominal Lengths									
Products	SubSpace 90			SubSpace 70			SubSpace 50		
	W	H	Kg	W	H	Kg	W	H	Kg
870mm	89	85	3.7	73	85	2.7	49	85	2.0
1150mm	89	85	4.8	73	85	3.5	49	85	2.6
1430mm	89	85	6.0	73	85	4.4	49	85	3.3
1710mm	89	85	7.2	73	85	5.2	49	85	3.9
1990mm	89	85	8.3	73	85	6.0	49	85	4.5
2270mm	89	85	9.5	73	85	7.0	49	85	5.2
2550mm	89	85	10.7	73	85	7.8	49	85	5.8
2970mm	89	85	12.4	73	85	9.0	49	85	6.7

# SubSpace 50/70/90

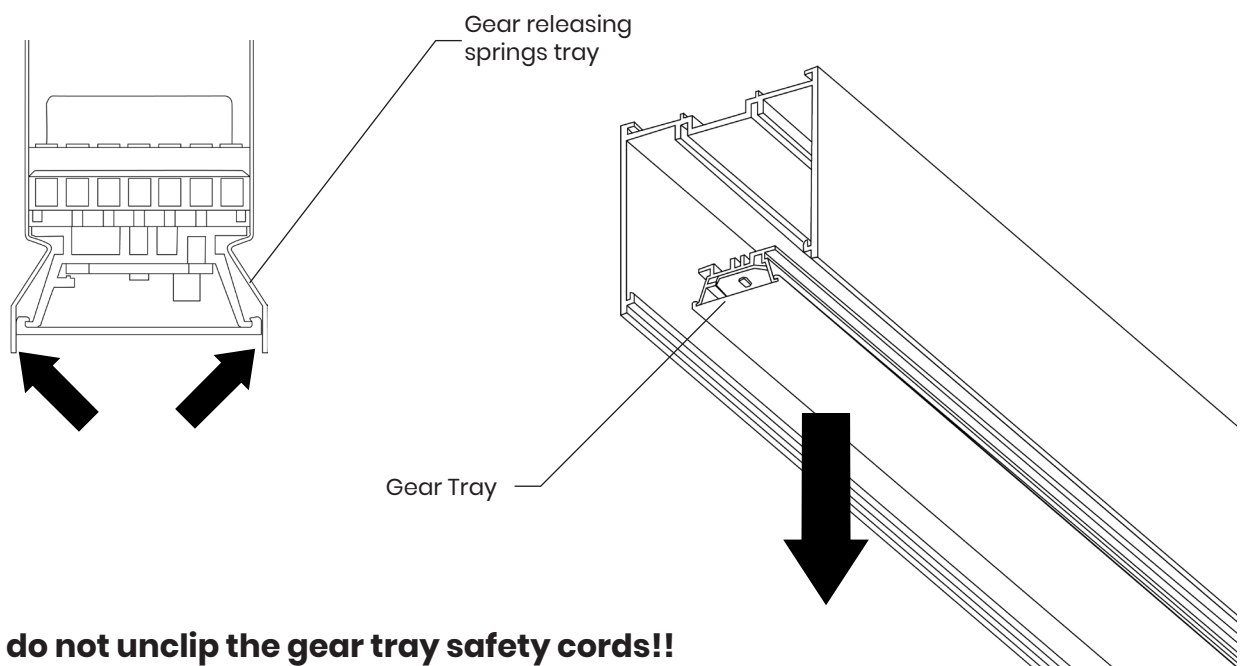
1

Remove front diffuser using pre installed release tabs, store diffuser safely until required later.



2

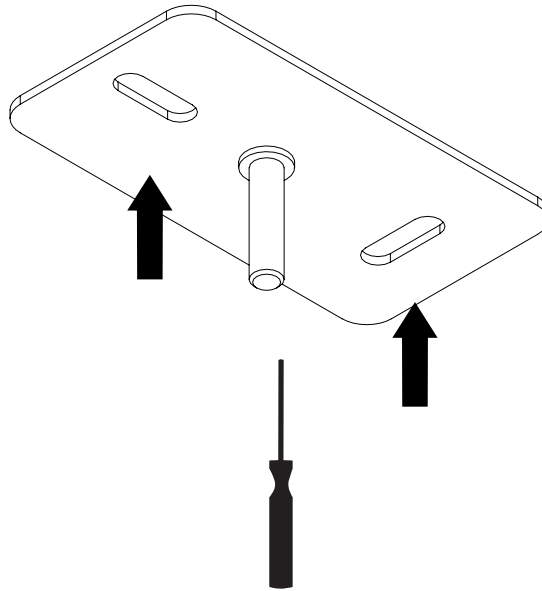
Press gear tray releasing springs and gently pull gear tray out



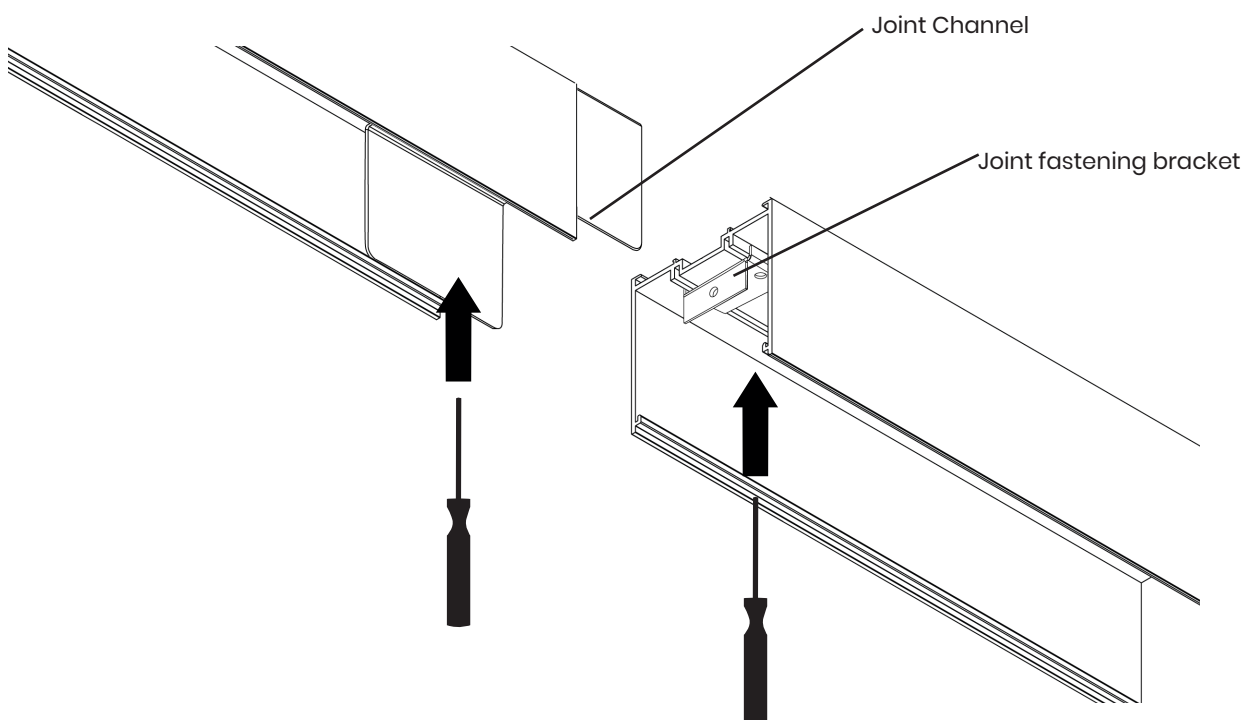
**!!Please do not unclip the gear tray safety cords!!**

## SubSpace 50/70/90

- 3** For Individual or continuous systems, Install surface mounting brackets (2 x per housing). For individual luminaire installation please skip to step 5, for continuous systems please continue. (Appropriate fixings supplied by others)

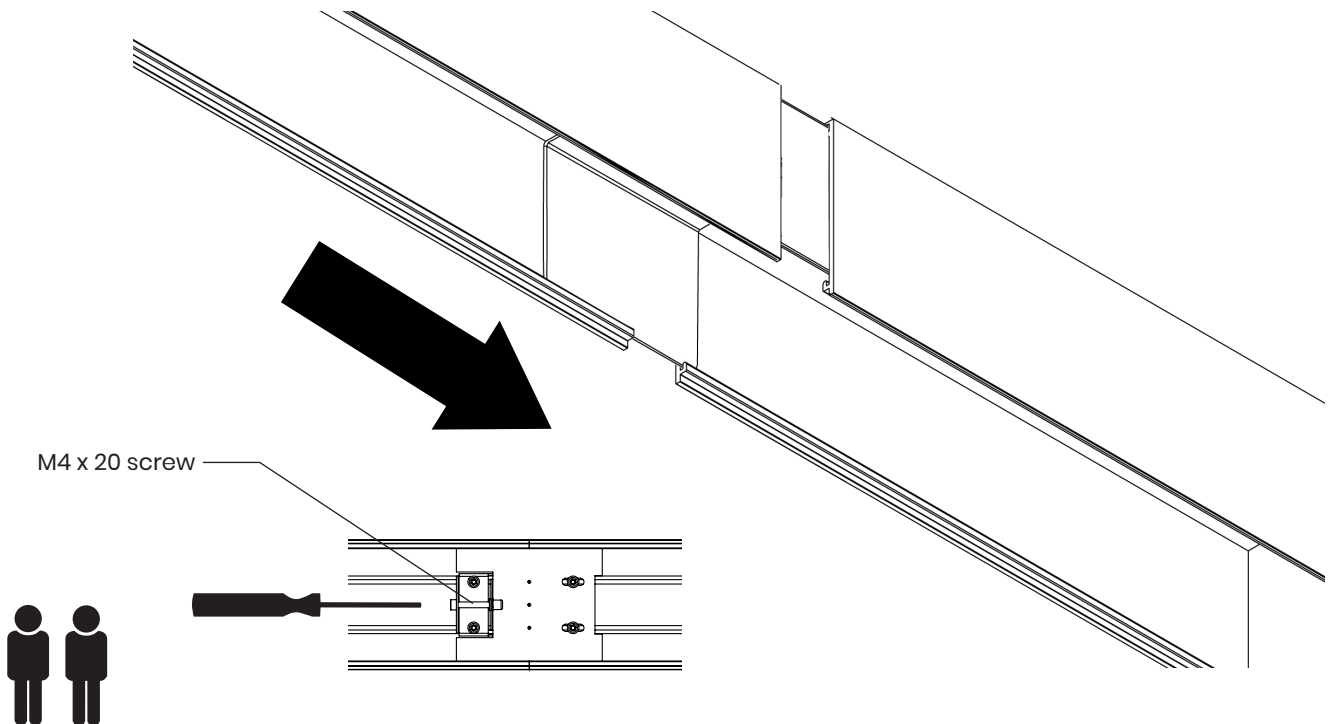


- 4** Install joint channel and Joint fastening bracket to each respective body, Ensure 2mm joint channel centre holes line up with edge of housing, secure in place. Repeat for all joints.

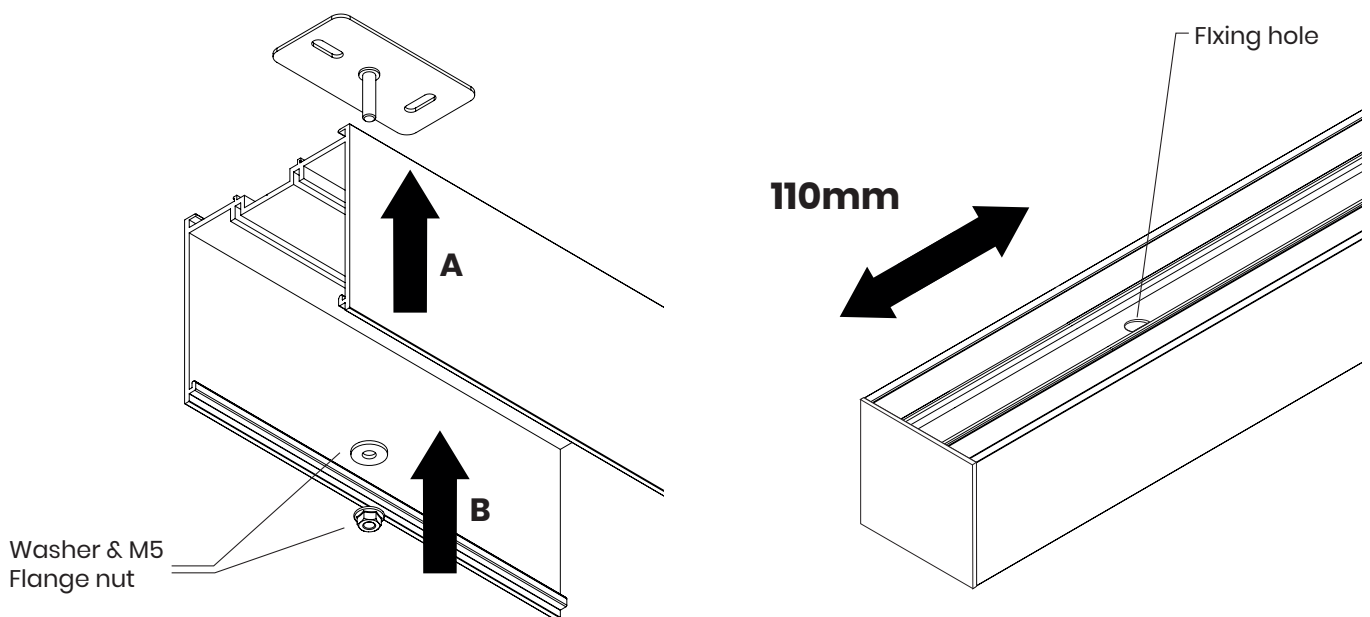


## SubSpace 50/70/90

- 5** Slide the two housings together, ensure joint channel slides in evenly into the groove on the adjoining body, once connected use M4x20 screw to pull joint together.



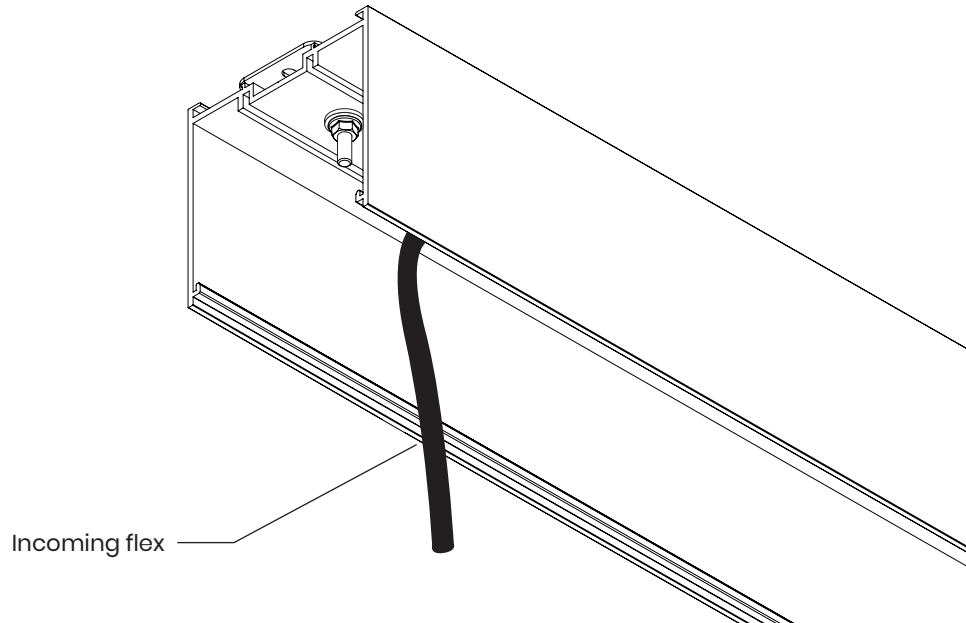
- 6** **A.** Offer up luminaire body to surface bracket plates, please ensure brackets are 110mm from end of bodies. **B.** Secure using washer and M5 flange nuts.



## SubSpace 50/70/90

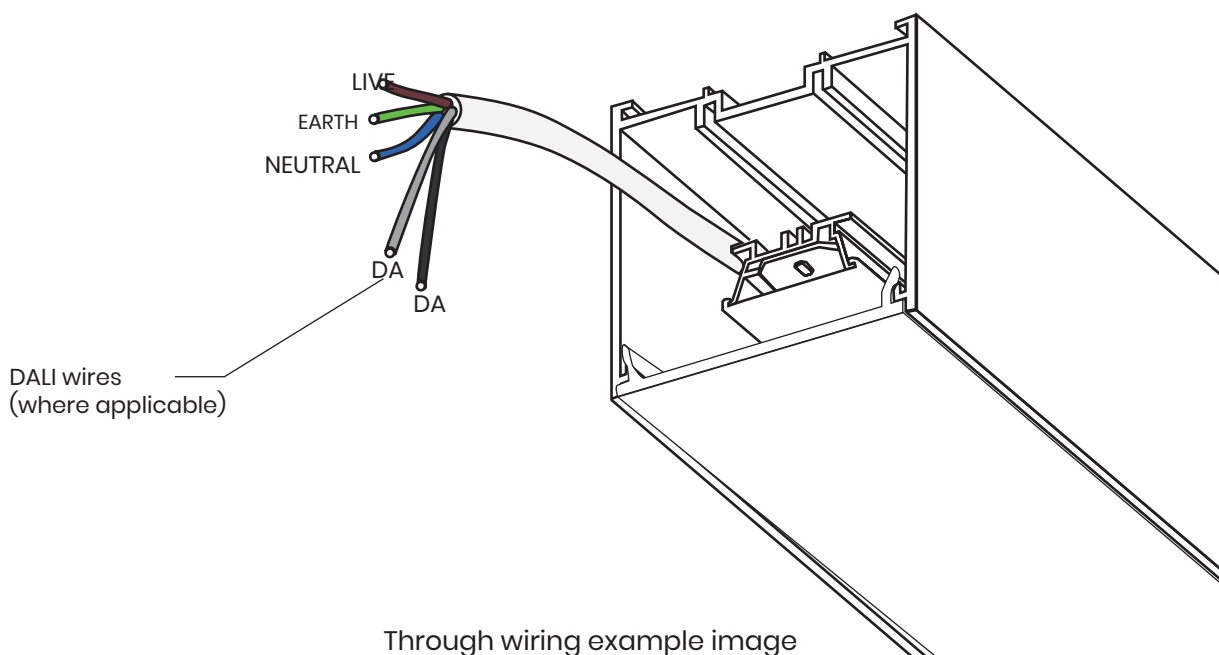
**7**

Feed Incoming flex (provided by others) through the cable gland. Connect feed into to the terminal block (See pages 9-11 for all wiring diagrams).



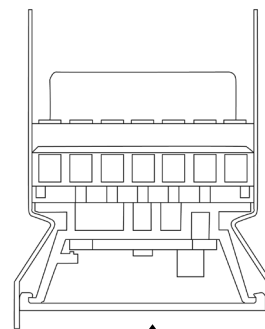
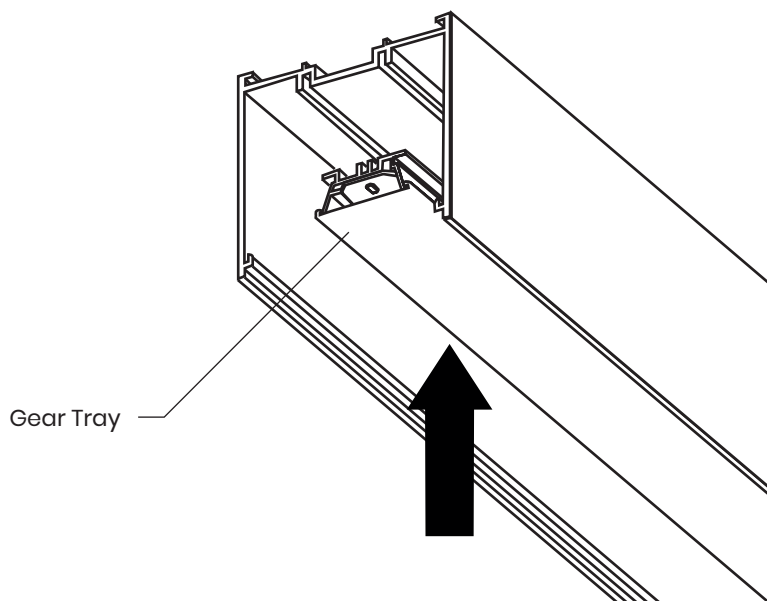
**8**

For through wiring, please connect supplied feed to all respective terminal blocks on each gear tray. (See pages 8 - 12 for through wiring diagrams).



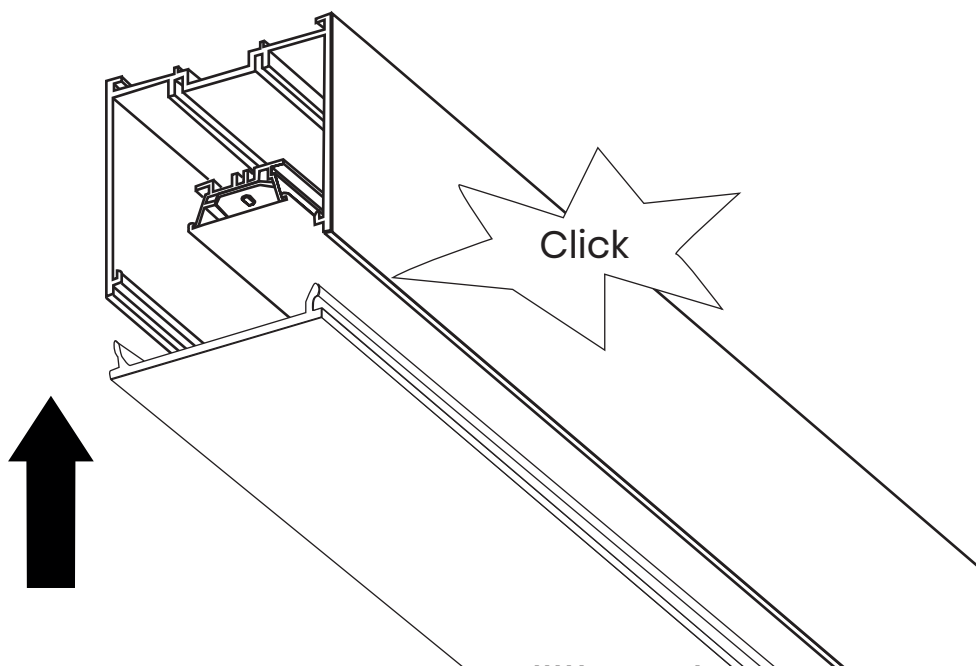
## SubSpace 50/70/90

- 9** Once the luminaire has been wired . Gently push all the gear trays into the springs so that it sits as per diagram below. Check all are secure.



**!!PLEASE DO NOT!!**  
Over push gear tray into springs,  
please ensure gear tray is positioned as  
per diagram shown

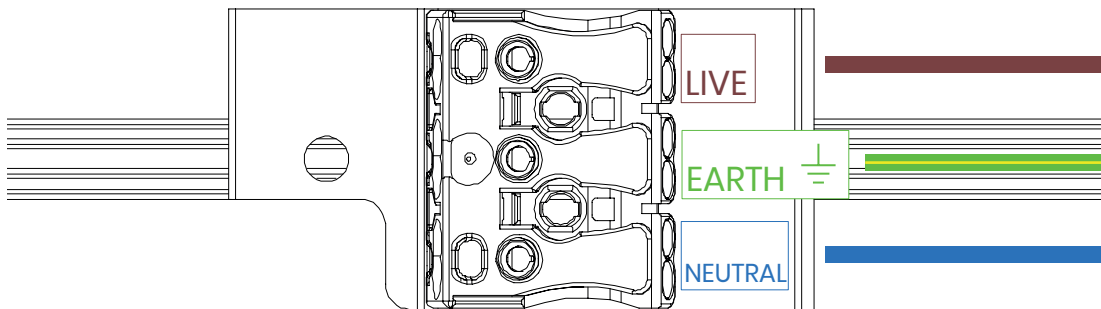
- 10** Re install all the diffusers back into the main housing ensuring they all click back into the body evenly.



# SubSpace 50/70/90

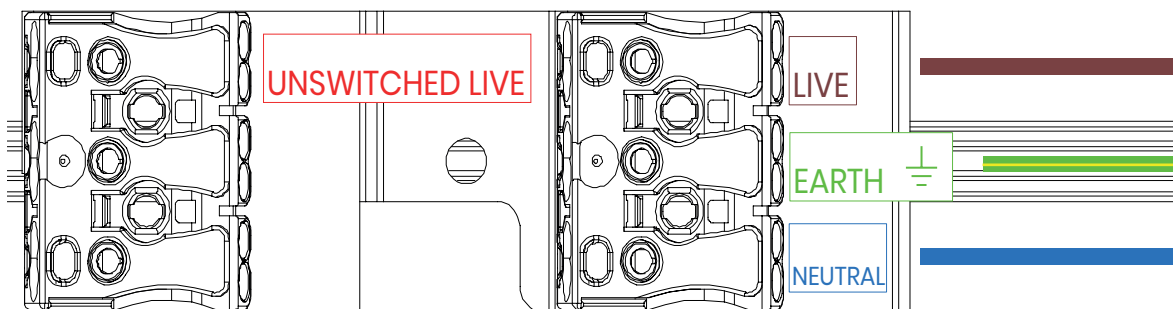
## **A** Fixed Output.

- Live
- Earth
- Neutral



## **B** Fixed Output Emergency Wiring.

- Live
- Earth
- Neutral
- Unswitched Live



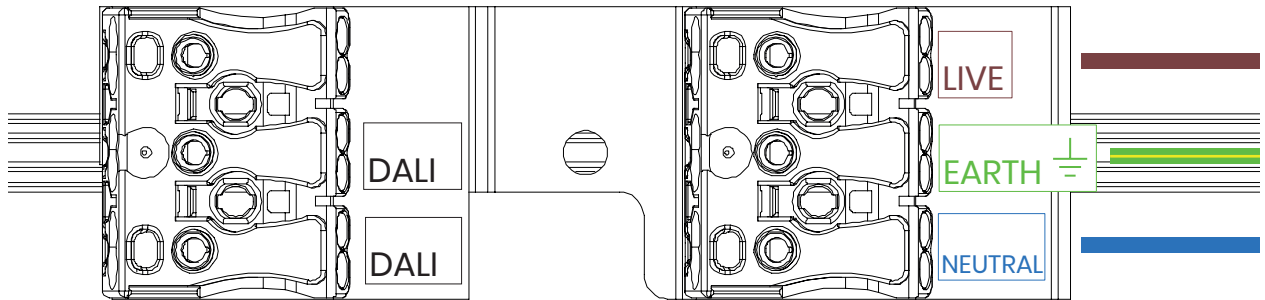


## SubSpace 50/70/90

**C**

### DALI Wiring.

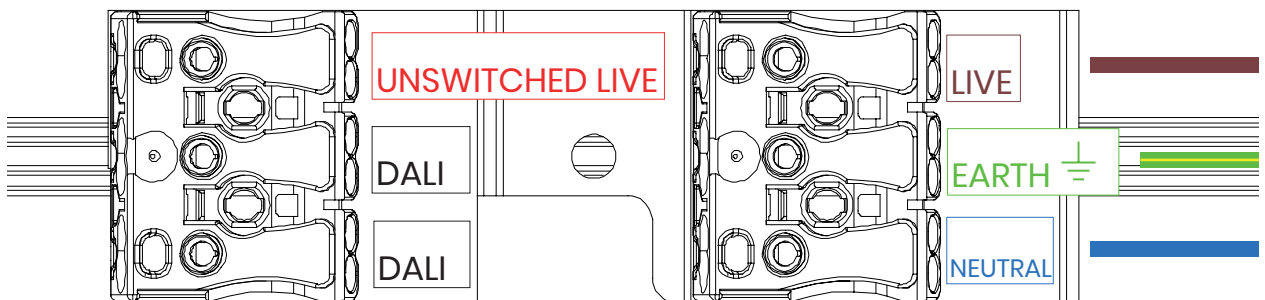
- Live
- Earth
- Neutral
- DALI
- DALI



**D**

### DALI Emergency Wiring.

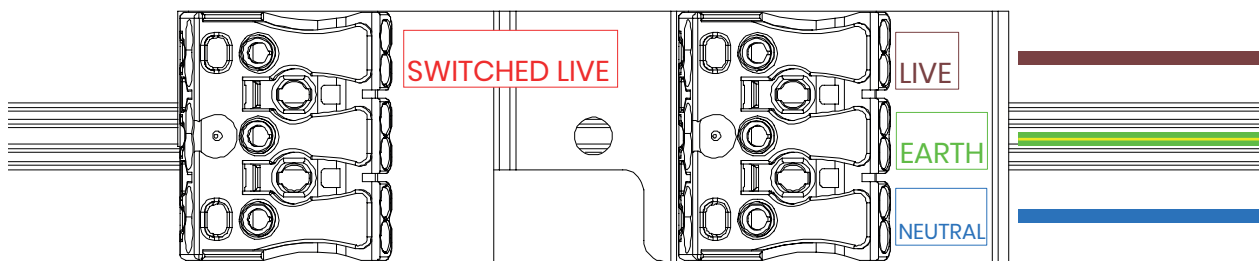
- Live
- Earth
- Neutral
- Unswitched Live
- DALI
- DALI



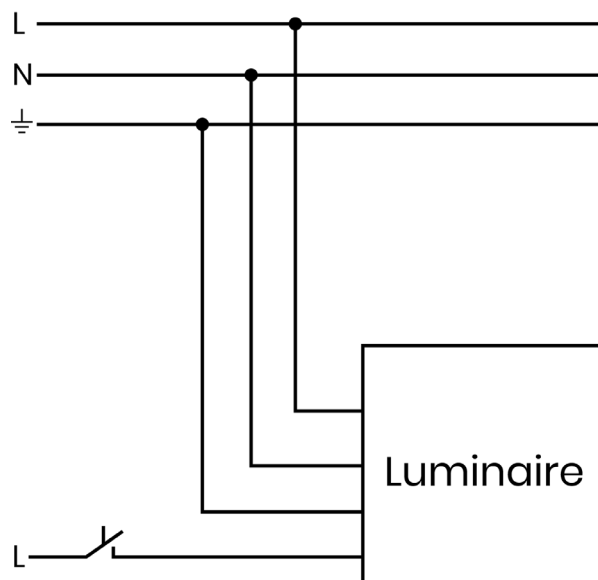
## SubSpace 50/70/90

## E SwitchDIM Wiring.

- Live
- Earth
- Neutral
- Switched Live



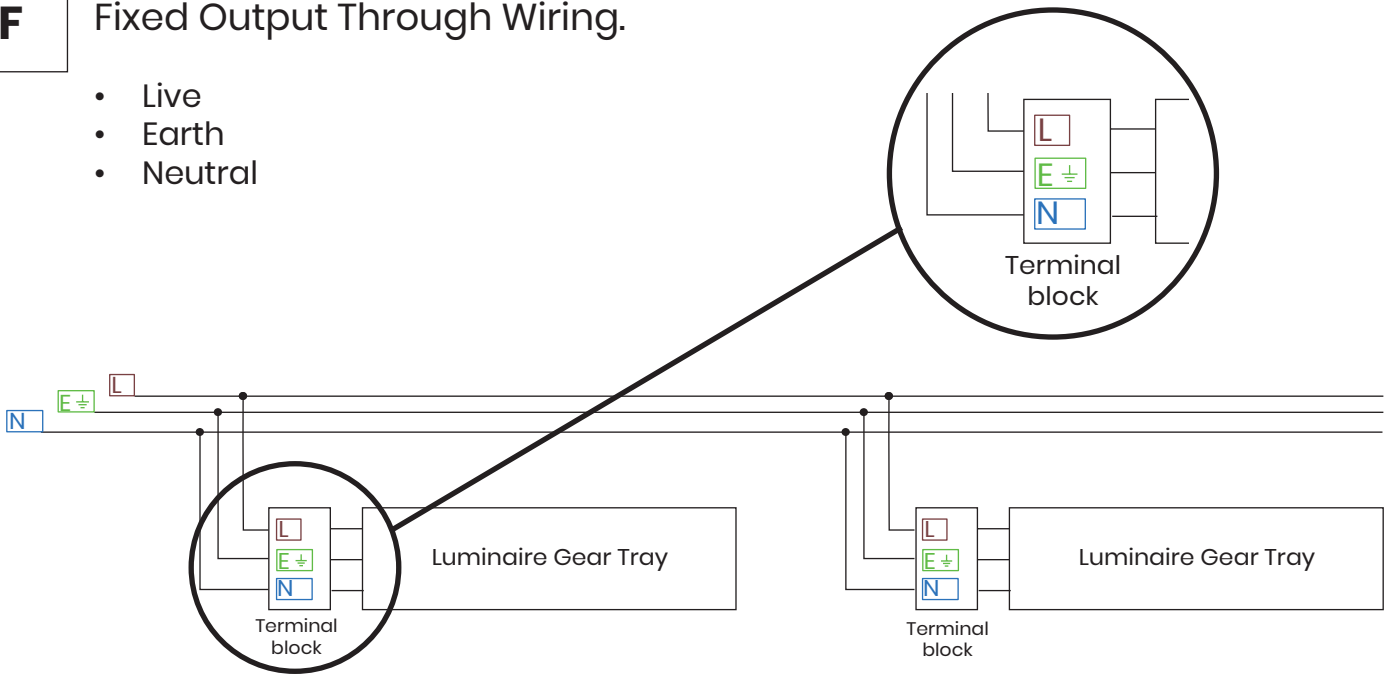
Example switchDIM circuit  
220-240 V  
0/50/60 Hz



# SubSpace 50/70/90

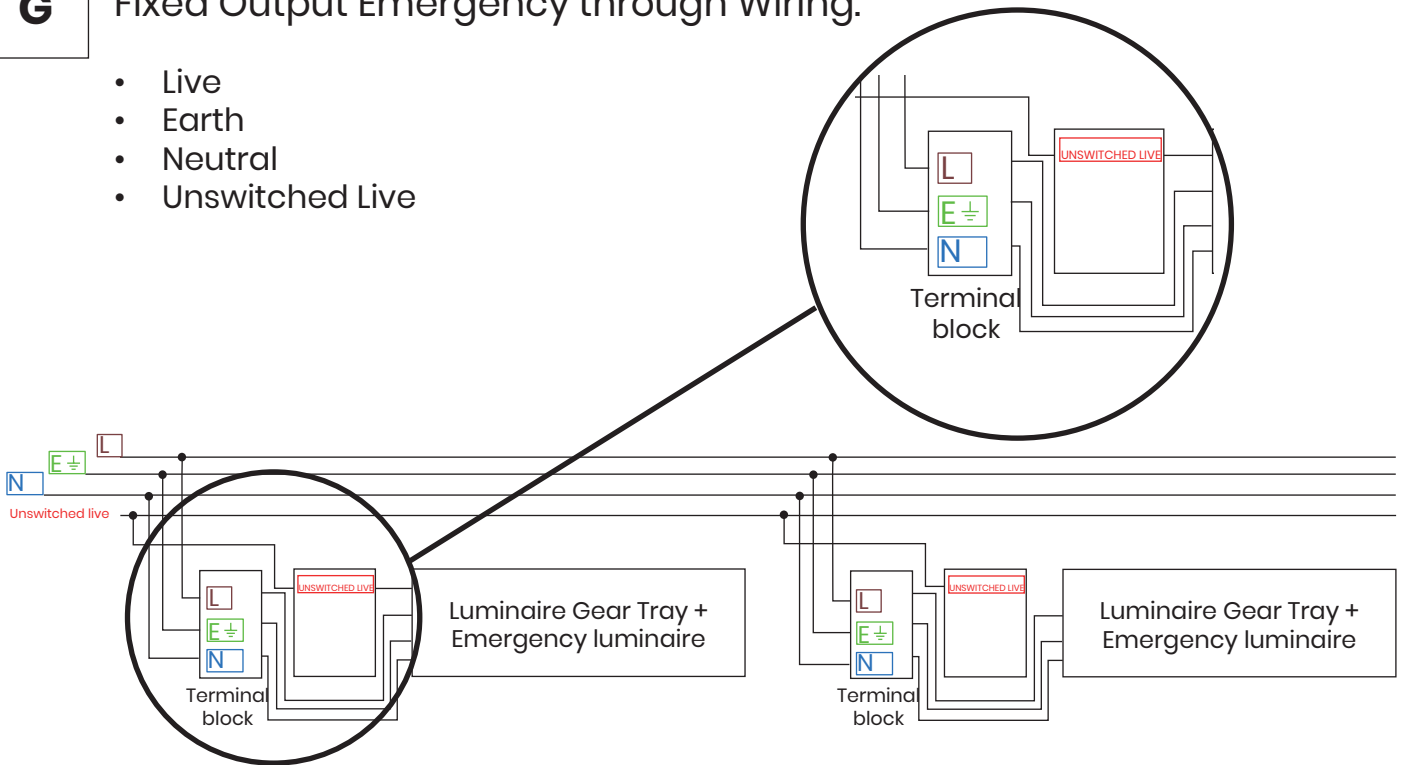
## F Fixed Output Through Wiring.

- Live
- Earth
- Neutral



## G Fixed Output Emergency through Wiring.

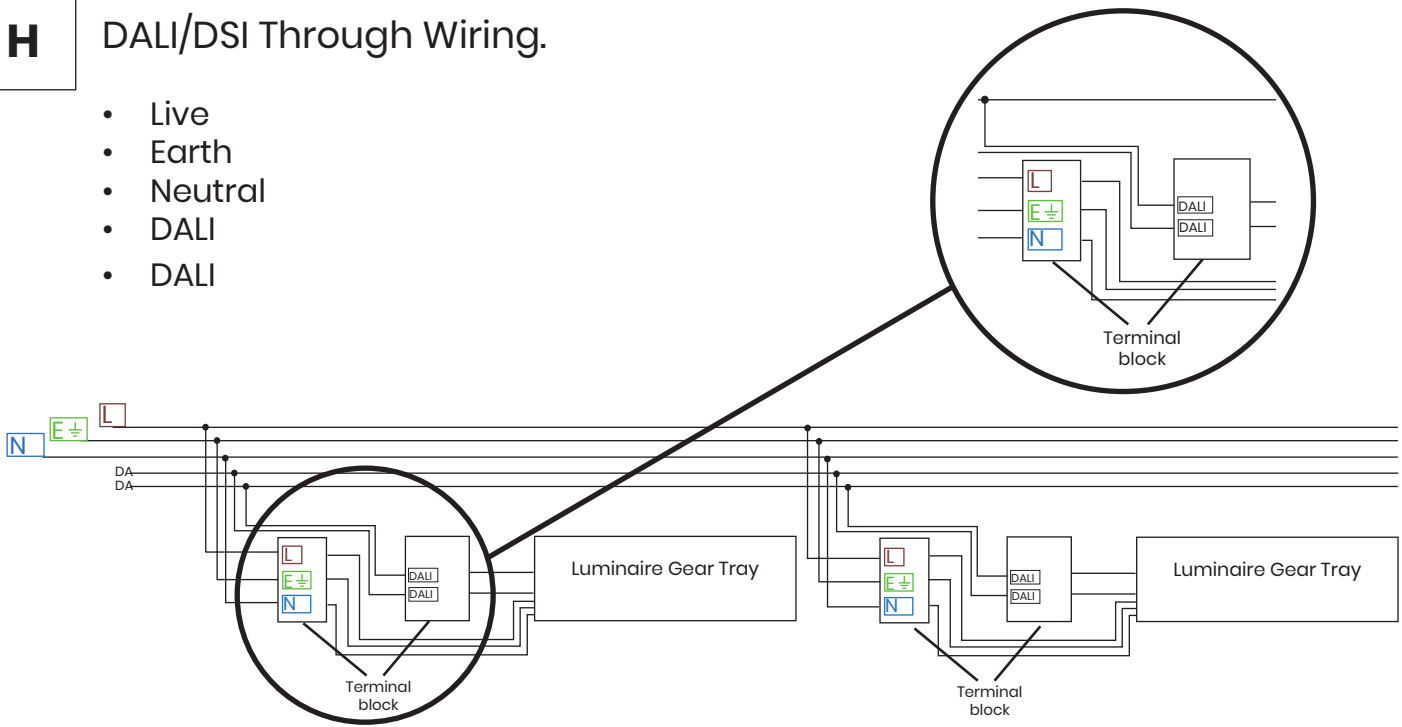
- Live
- Earth
- Neutral
- Unswitched Live



# SubSpace 50/70/90

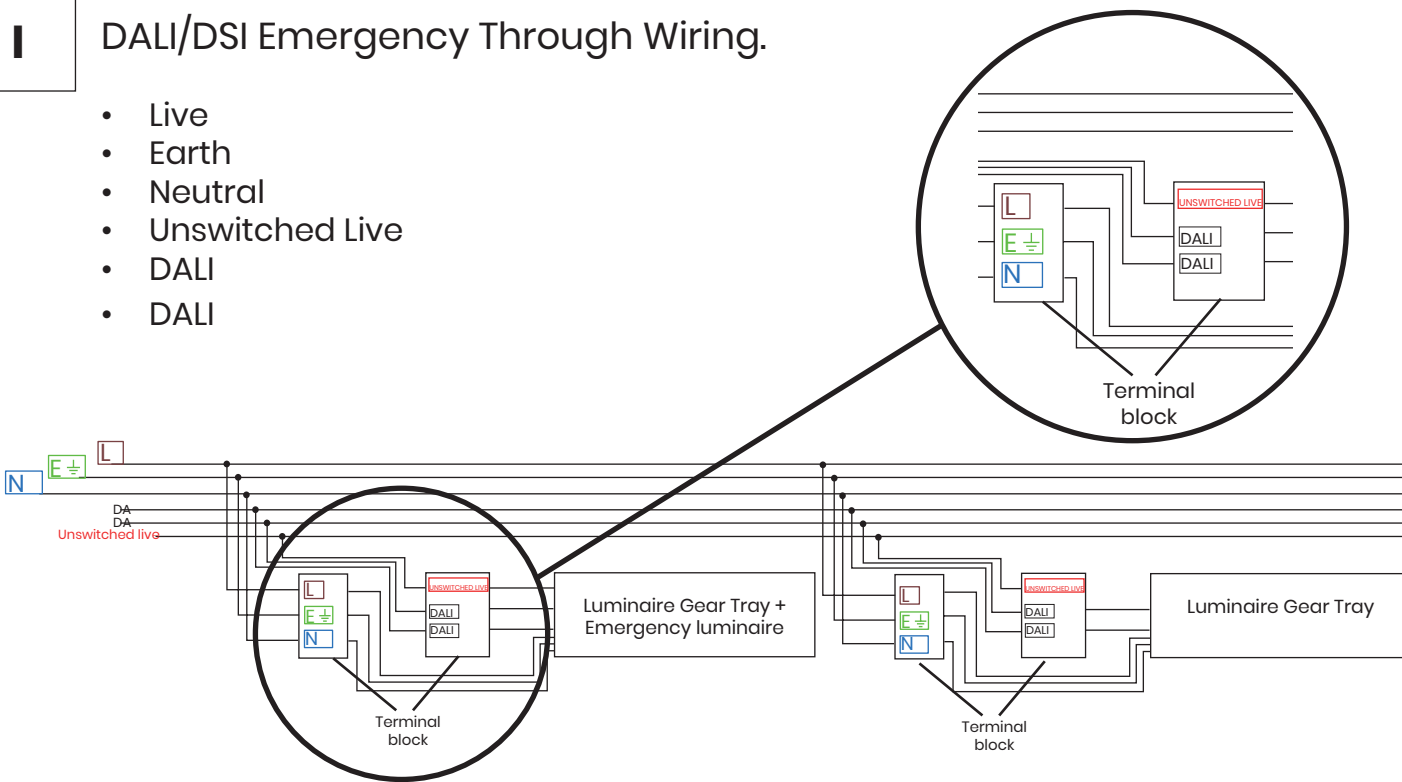
## H DALI/DSI Through Wiring.

- Live
- Earth
- Neutral
- DALI
- DALI



## I DALI/DSI Emergency Through Wiring.

- Live
- Earth
- Neutral
- Unswitched Live
- DALI
- DALI



NOTES

NOTES

NOTES

# SubSpace 50/70/90

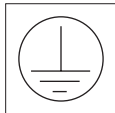
## Safety

- This luminaire should be installed by a qualified electrician in compliance with IEE regulations.
- Please ensure mains supply to luminaire is disconnected before installation or maintenance.
  - The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

## Ratings

- This luminaire is designed to operate at 230VAC  
-6% +10% 216v to 252v.  
DO NOT OPERATE OUTSIDE THIS RANGE.
- This luminaire is only suitable for installation within its rated ingress Protection limits.

Subject to change without notice. Errors and omission excepted.  
Always make sure to use the most recent release.



CROWN HOUSE, PLANTATION RD,  
BURSCOUGH, LANCASHIRE. L40 8JT  
01704 891 333  
[www.pandaprojects.co.uk](http://www.pandaprojects.co.uk)