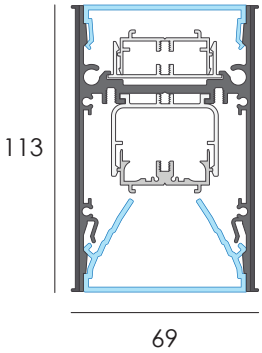
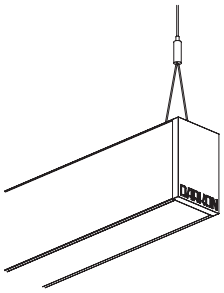
HIP H LP MK2
SUSPENDED PROFILE

DARKON™
THE EDGE OF LIGHT

Ensure that products are mounted with supplied, recommended or appropriate screws and fixings to suit the mounting surface.

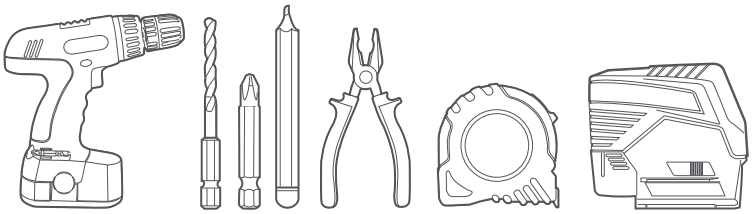
WARNING
INSTALLATION IS ONLY TO BE CARRIED OUT BY SUITABLY QUALIFIED PERSONS IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS AND ALL APPLICABLE REGULATIONS OR STANDARDS. *(IMPROPER INSTALLATION CAN CREATE AN ELECTRICAL HAZARD WITH RISK OF ELECTRIC SHOCK, FIRE OR INJURY)*. DARKON WILL NOT BE HELD RESPONSIBLE FOR ANY CONSEQUENCES ARISING FROM IMPROPER PRODUCT HANDLING, STORAGE OR INSTALLATION.



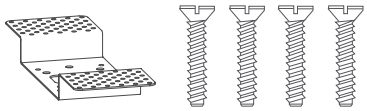


TOOLS REQUIRED
POWER DRILL / DRILL BIT / PHILLIPS DRIVER / PENCIL / PLIERS / TAPE MEASURE / PLUM LASER

NOTE
-Lengths that exceed 2200mm are fitted with 3 suspensions adding to components G, H, I.

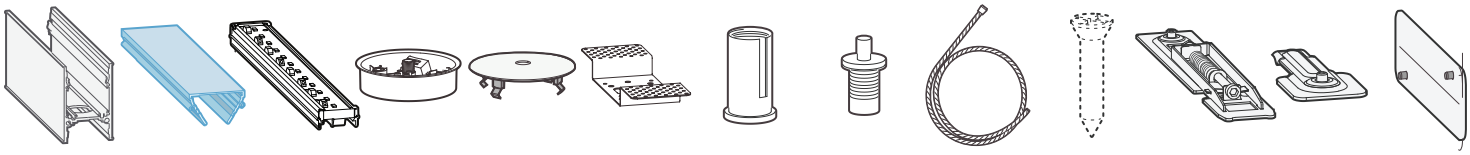


REC
CUT OUT
∅100



SUPPLIED IF REC CEILING PLATE

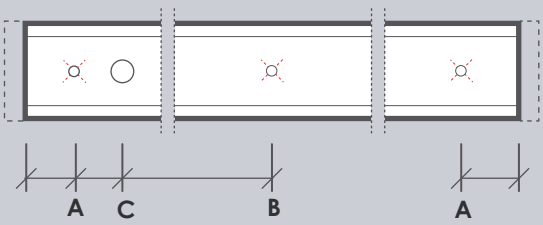
COMPONENTS



A B C D E F G* H I J K L M

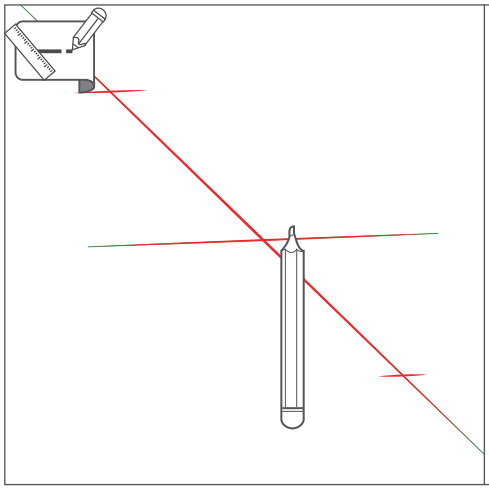
	DISTANCE	DESCRIPTION
A)	15MM	SUSPENSION LOCATION
B)	PROFILE LENGTH / 2	⚠ IF GREATER THAN 2.2M THIRD SUSPENSION POINT IS REQUIRED
C)	45MM	POWERFEED LOCATION

SUSPENSION DIMENSIONS
FIGURE 1. DIMENSIONS BASED OFF MAINBODY, NOT INCLUDING THICNKESS OF END CAP.

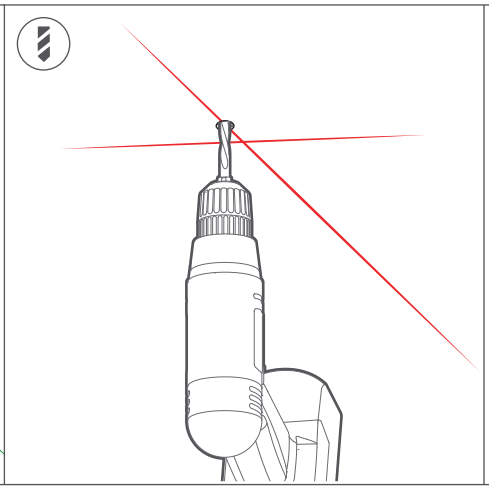


IP22

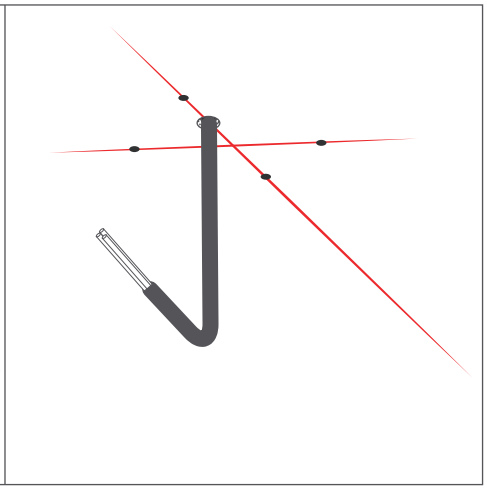
16.07.21



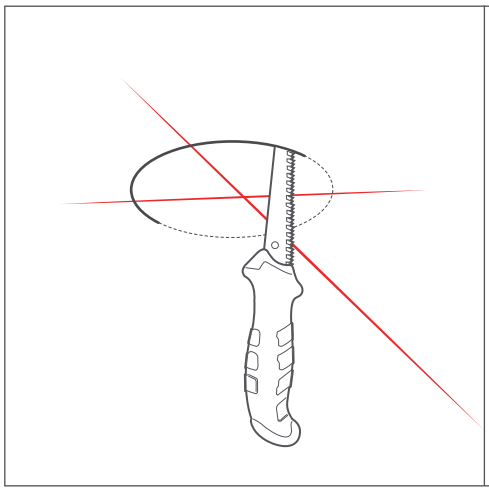
1.
Project line using laser plumb and mark necessary mounting points using supplied Darkon drawing as reference.



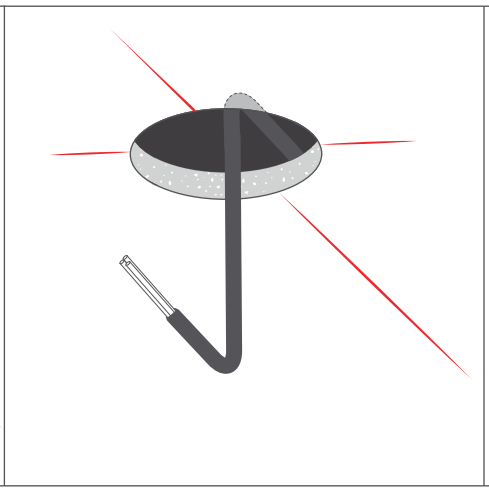
2A IF SM CEILING PLATE
Drill hole for powerfeed, drill pilot holes if necessary.



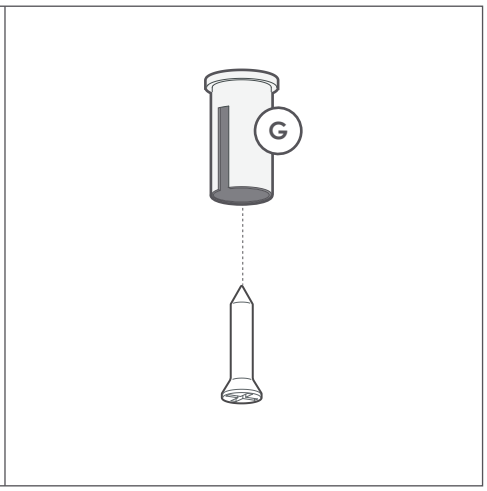
3A IF SM CEILING PLATE
Pull power cable(240V) through ceiling



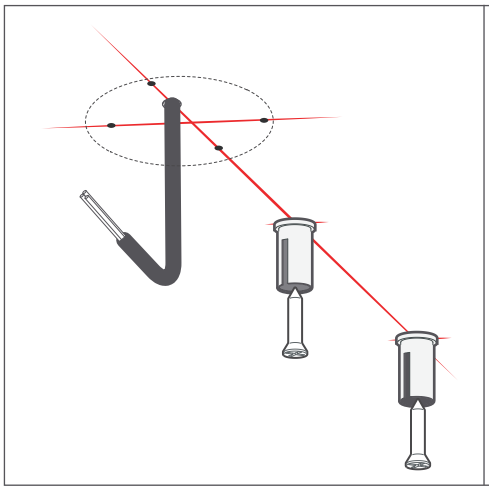
2B IF REC CEILING PLATE
Make cutout using appropriate wallboard saw.



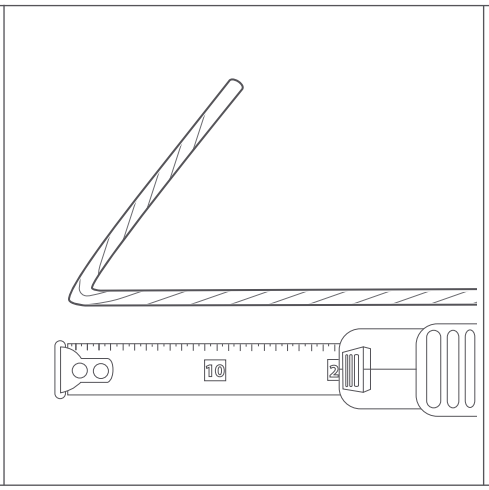
3B. IF REC CEILING PLATE
Pulll power cable(240V) through cutout.



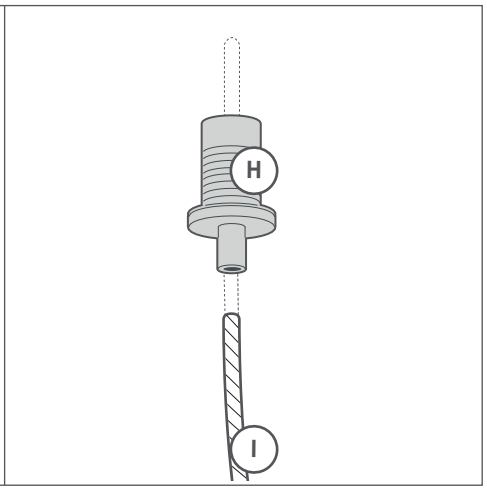
4.
Fix remainding posilock(*G)* onto the ceiling with appropriate fasteners (*not supplied)*.



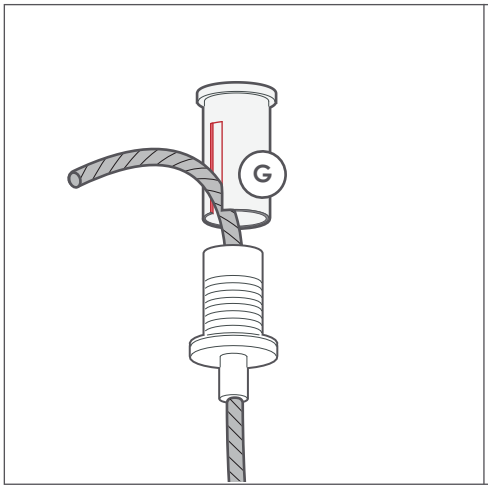
5.
If greater than 2.2m, ensure third, central suspension point is installed.



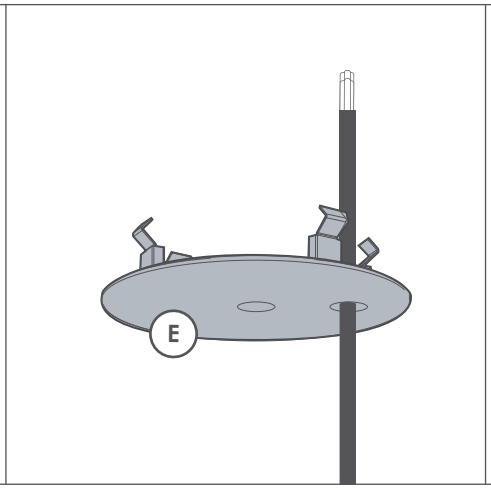
6.
Measure desired length of the Suspension wire(I). Lightly bend and crimp to mark desired length.



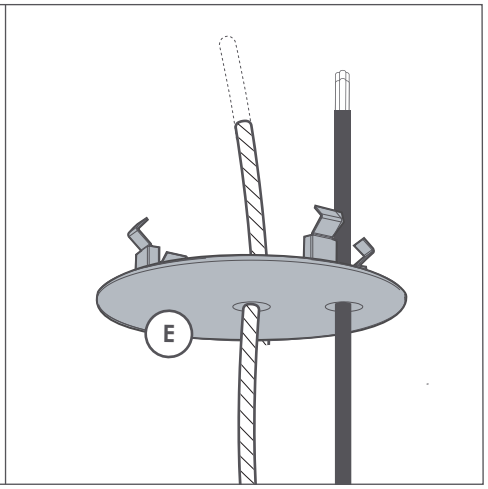
7.
Thread the Suspension wire(I) through wire gripper(H).



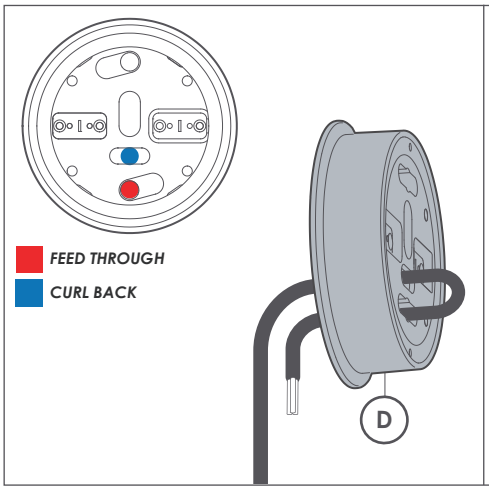
8.
Insert excess wire(I) through slot & connect gripper(H) & posilock(G).



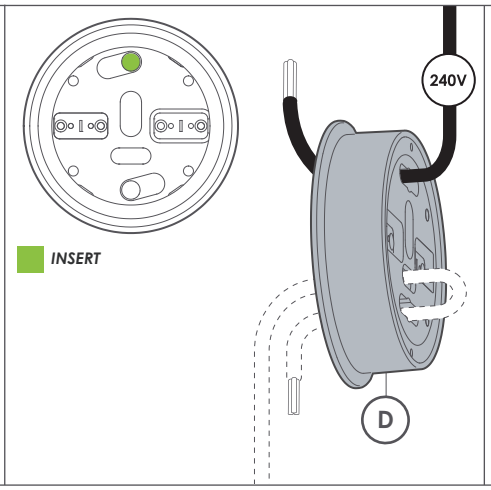
9.
Pull supplied powercable through ceiling plate cover(E)



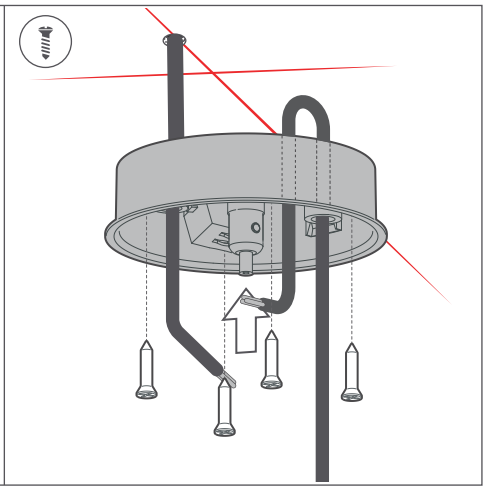
10.
Pull supplied powercable through ceiling plate cover(E)



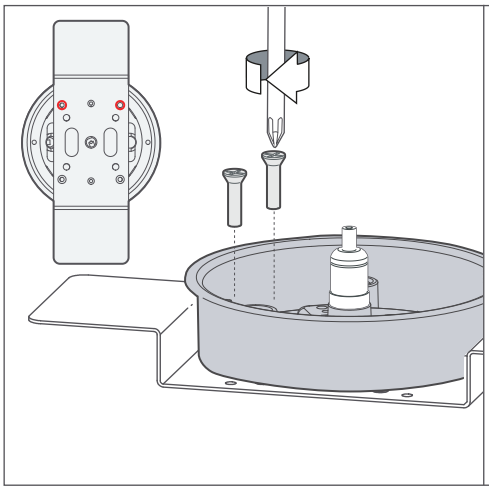
11. IF SM CEILING PLATE A
Thread power cable(from fitting) through cable anchor. Curl back into cutout.



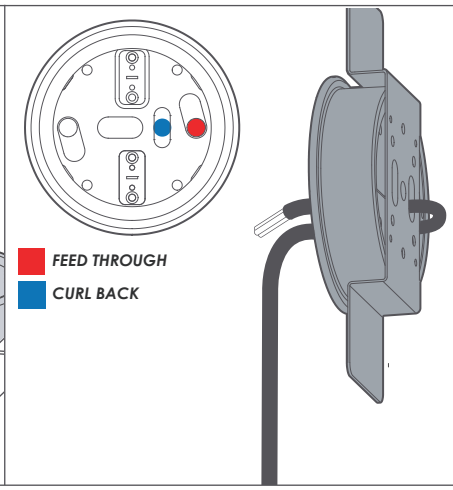
IF SM CEILING PLATE B
Insert power cable(from ceiling) through opposite cutout (see inset)



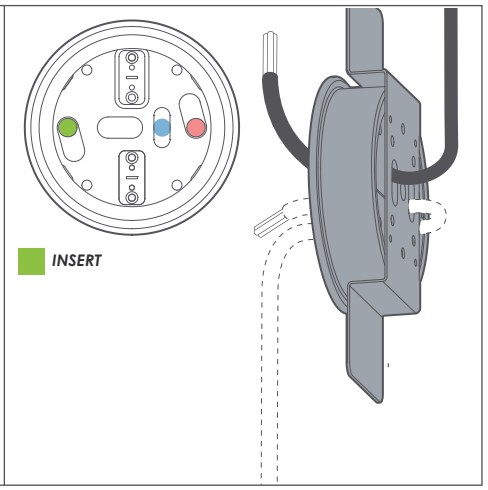
IF SM CEILING PLATE C
Fix *ceiling plate(D)* with appropriate fasteners (not supplied)



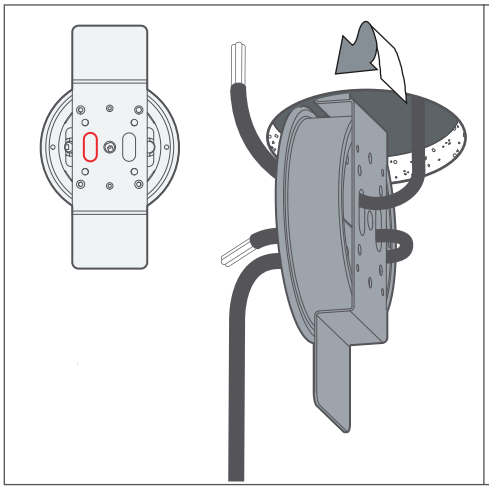
11. IF REC CEILING PLATE A
Align holes and install *2 of 4 bolts* into one side of bracket(F).



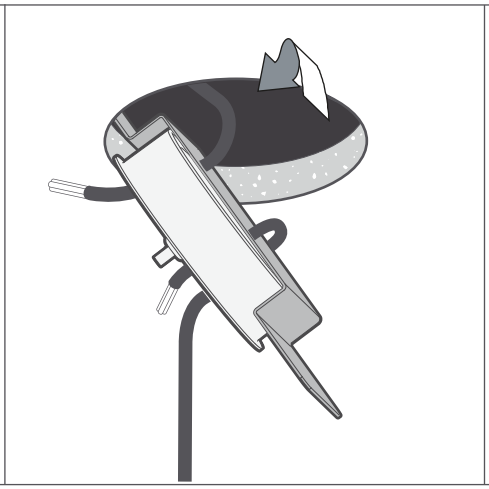
IF REC CEILING PLATE B
Thread power cable(from fitting) through cable anchor & *Bracket(F)*. Curl back into cutout.



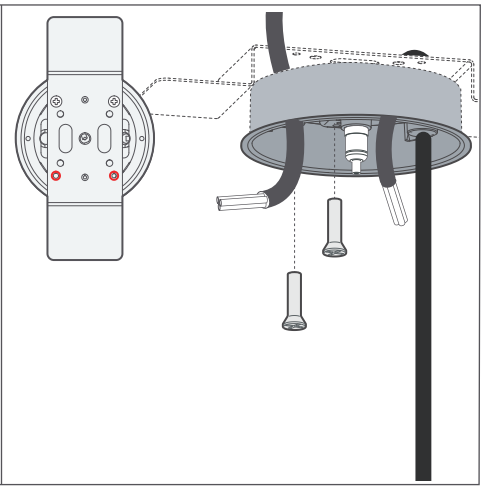
IF REC CEILING PLATE C
Insert power cable(from ceiling) through opposite cutout (see inset)



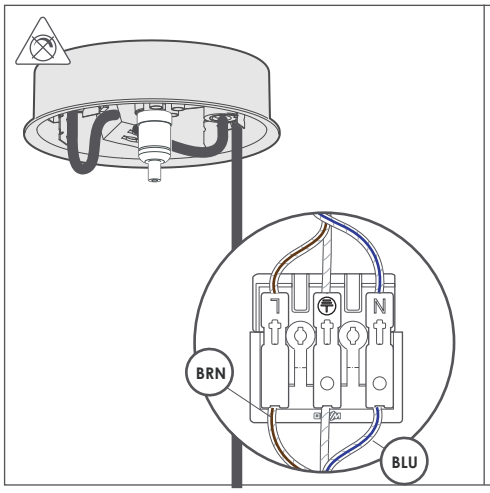
11. IF REC CEILING PLATE D
Insert the fixed ceiling plate(D) & bracket(F) into the cutout. Ensure lip of ceiling plate sits proud of surface.



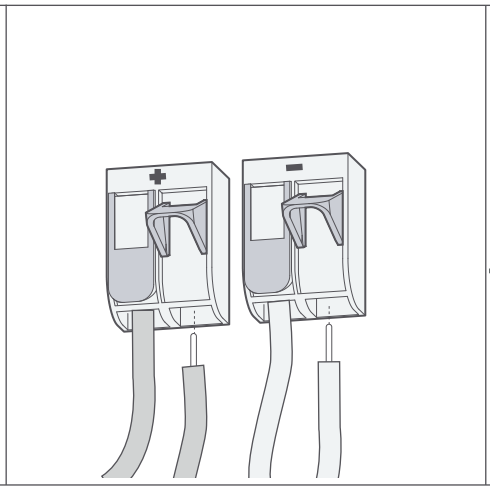
IF REC CEILING PLATE E
Step the fixed ceiling plate(D) & bracket(F) into the cutout.



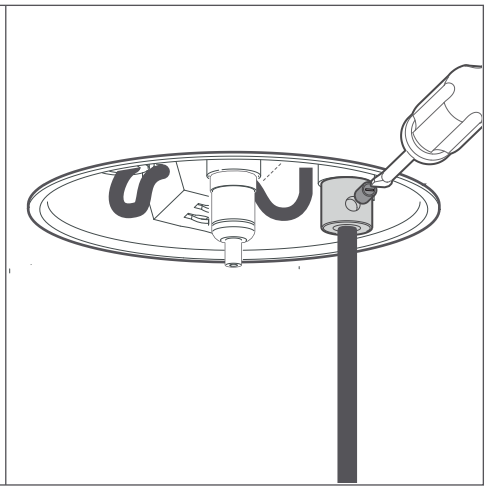
IF REC CEILING PLATE F
Fix the remainding side of the *Ceiling plate(D)* into *bracket(F)* with the remainding 2 bolts



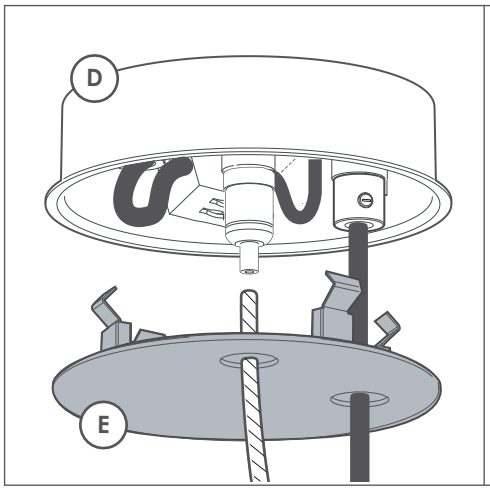
12A. ***(NON DIM)***
Insert wires into terminal.



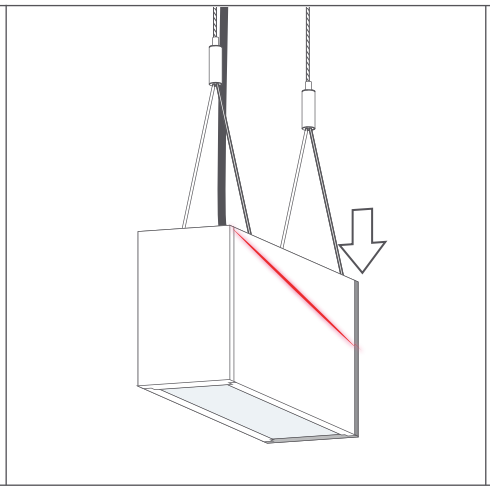
12B. ***(DIM)***
Repeat previous steps by inserting wires into terminal. Connect dimming wires to Wago plugs



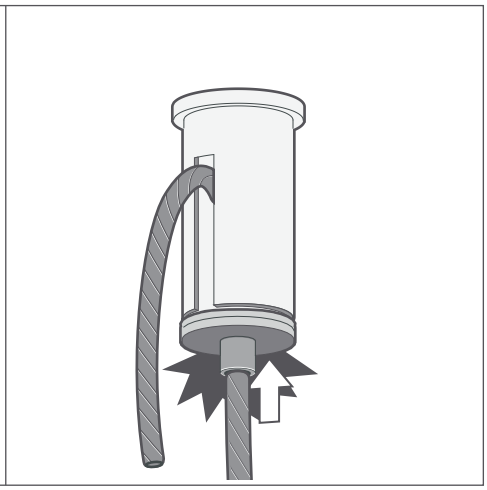
13.
Fix 3mm grub screw into cable anchor with flathead driver.



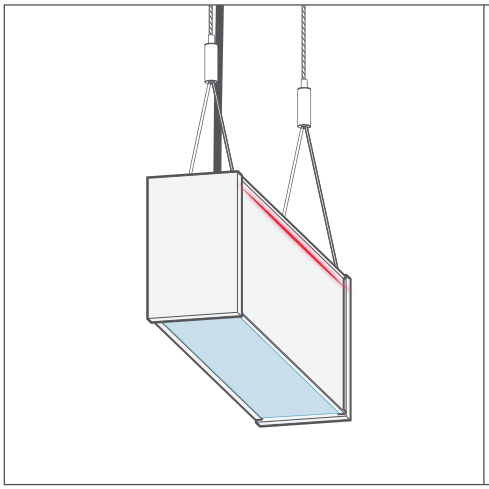
14.
Attatch *cover(E)* onto the *Ceiling plate(D)*. Insert suspension wire into posilock.



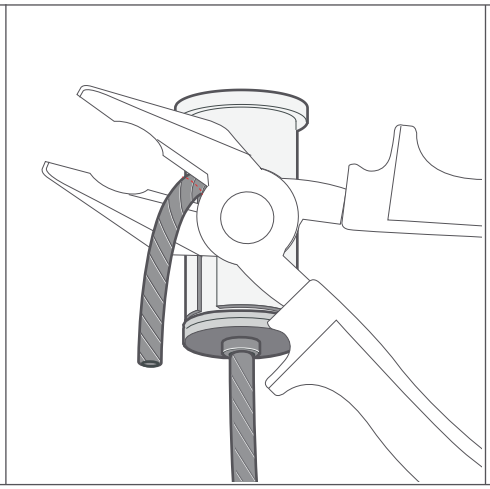
15.
Use Laser Plum to ensure fitting is straight.



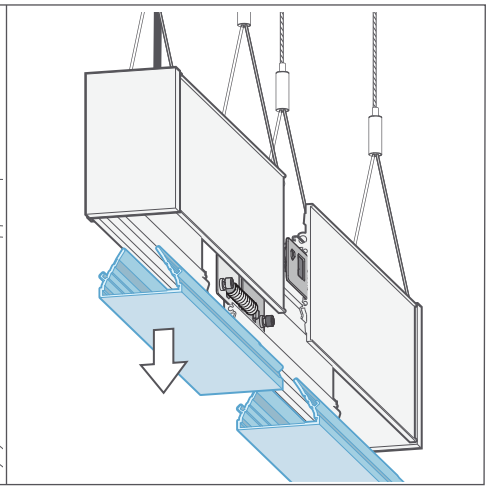
16. IF ADJUSTMENT IS REQ.
Press sprung tip of Wire Gripper(H). Adjust length of wire untill all suspension points are level.



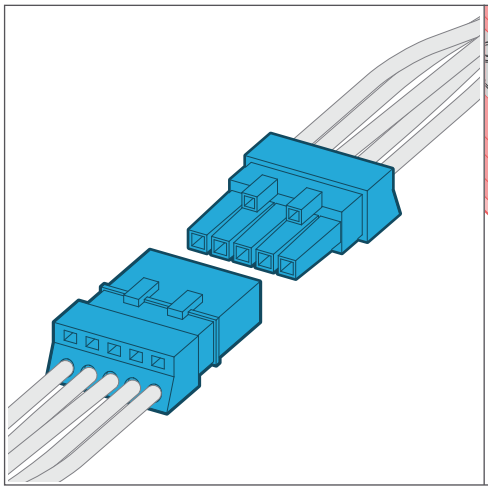
17.
Use laser to confirm bodies are square and levelled correctly.



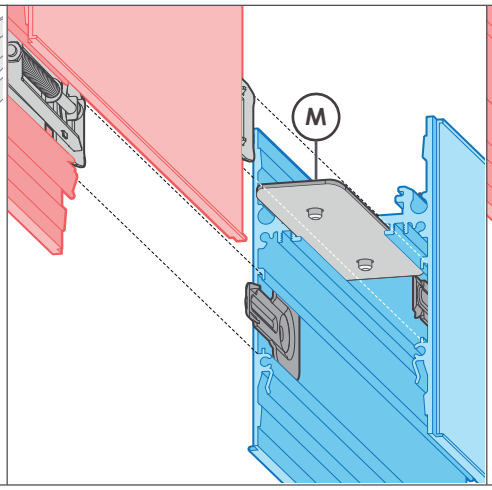
18.
Using pliers, trim off excess suspension wire(I).



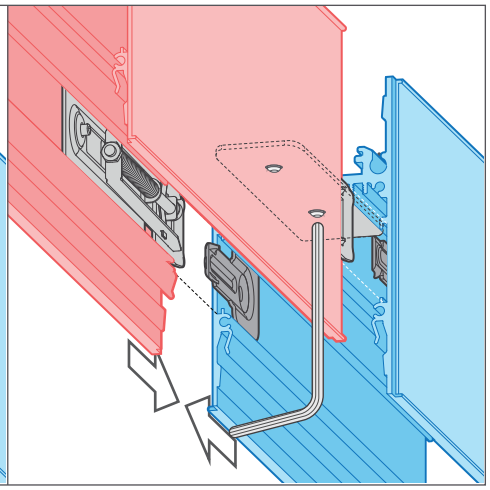
19. IF MULTIPLE BODIES.
Repeat stages 4-18 to install secondary fitting. Remove bottom lens light tray. Slide living linear connectors into detail.



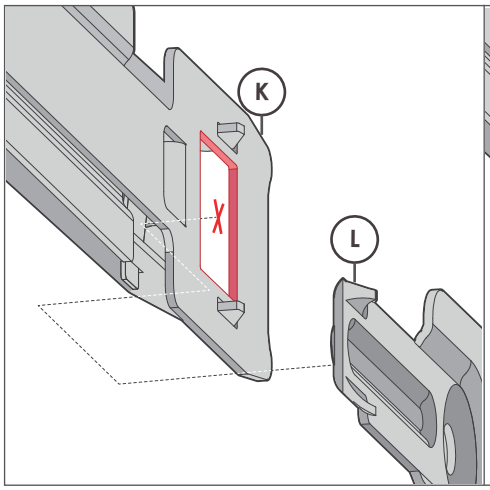
20.
Connect necessary plugs.



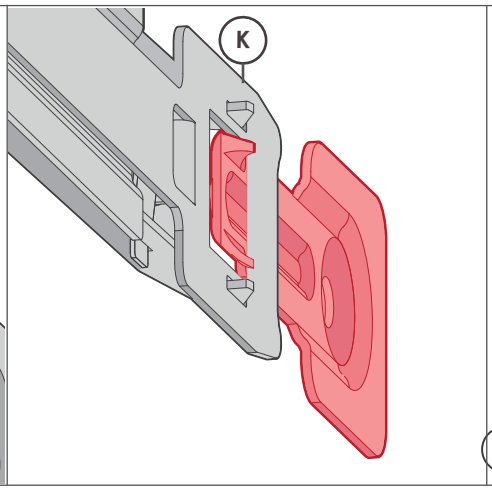
21.
Slide 'Living linear connector' (M) into detail.



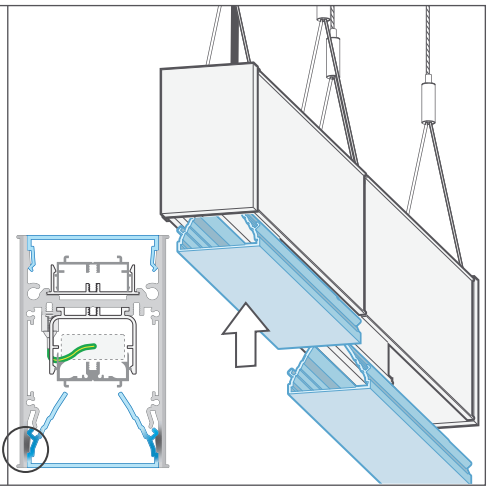
22.
Push bodies togaether.
Slide Linear Brkts(M) between join & fix.



23.
Ensure Key(L) floats into catch

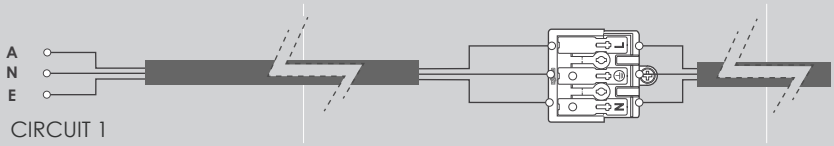


24.
Ensure spring releases and mainbodies are tensioned together.

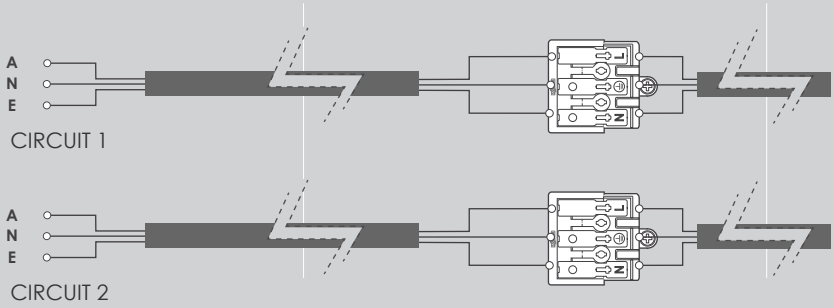


25.
Install lens by snap fitting into detail.

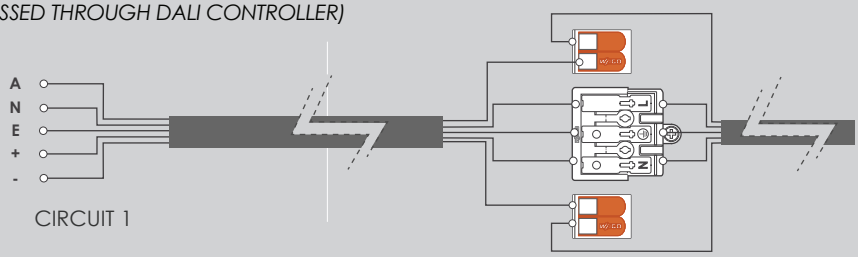
WIRING DIAGRAM
FIGURE 2A. IF NON DIM SINGLE CIRCUIT
W/ LOOP WIRE *(LOOP WIRE AT FITTING)*



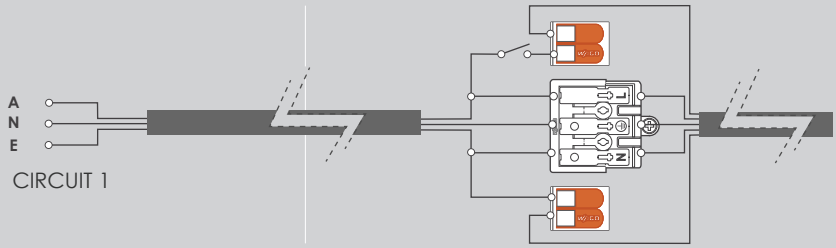
WIRING DIAGRAM
FIGURE 2B. IF NON DIM SEPERATE CIRCUIT
(POWERFEED REQUIRED FOR EACH CIRCUIT)



WIRING DIAGRAM
FIGURE 2C. IF DALI CONTROLLED CIRCUIT
(EACH DRIVER ABLE TO BE INDIVIDUALLY ADDRESSED THROUGH DALI CONTROLLER)



WIRING DIAGRAM
FIGURE 2D. IF SWITCH DIM SINGLE CIRCUIT
W/ LOOP WIRE *(LOOP WIRE AT FITTING)*



WIRING DIAGRAM
FIGURE 2E. IF SWITCH DIM SEPERATE CIRCUIT
W/ INDEPENDANT CONTROL OF DRIVER