

HIP MK2 SUS

SUSPENDED PROFILE

DARKON™
THE EDGE OF LIGHT

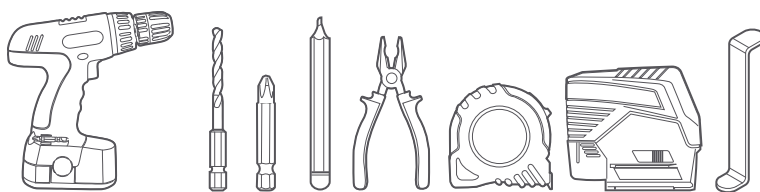
Ensure that products are mounted with supplied, recommended or appropriate screws and fixings to suit the mounting surface.

WARNING

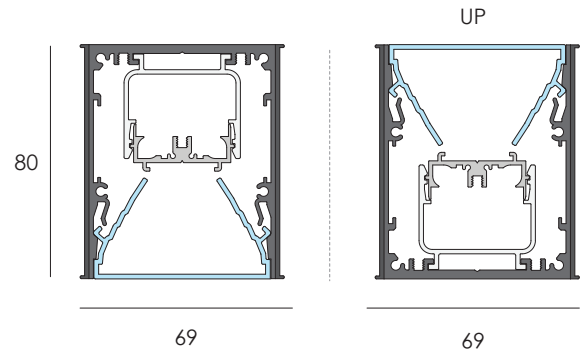
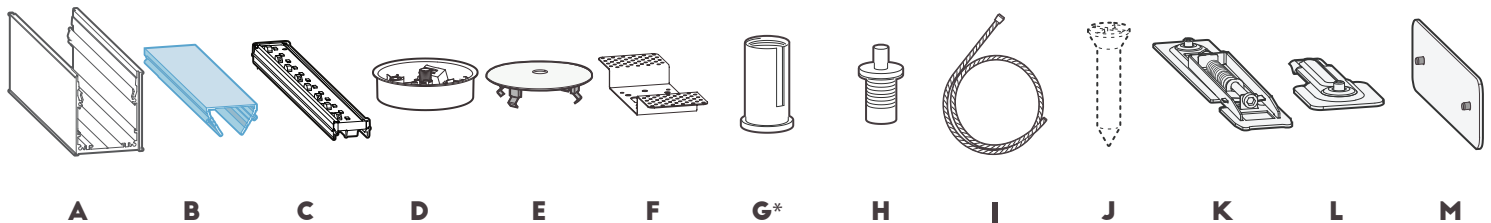
INSTALLATION IS ONLY TO BE CARRIED OUT BY SUITABLY QUALIFIED PERSONS IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS AND ALL APPLICABLE REGULATIONS OR STANDARDS. (IMPROPER INSTALLATION CAN CREATE AN ELECTRICAL HAZARD WITH RISK OF ELECTRIC SHOCK, FIRE OR INJURY). DARKON WILL NOT BE HELD RESPONSIBLE FOR ANY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

TOOLS REQUIRED

POWER DRILL / DRILL BIT / PHILLIPS DRIVER / PENCIL / PLIERS / TAPE MEASURE / PLUM LASER / LENS REMOVAL TOOL (SUPPLIED)



COMPONENTS



NOTE

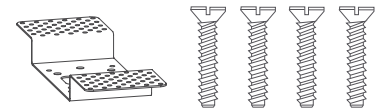
- Guide applicable for both orientations of Hip Sus (Up & Down illuminating)
- Lengths that exceed 2200mm are fitted with 3 suspensions adding to components G, H, I.

REC

CUT OUT



Ø100



SUPPLIED IF REC CEILING PLATE

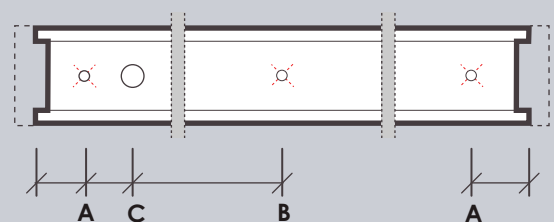
DISTANCE

DESCRIPTION

A)	20MM	SUSPENSION LOCATION
B)	$\frac{\text{PROFILE LENGTH}}{2}$	IF GREATER THAN 2.2M THIRD SUSPENSION POINT IS REQUIRED
C)	50MM	POWERFEED LOCATION

SUSPENSION DIMENSIONS

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

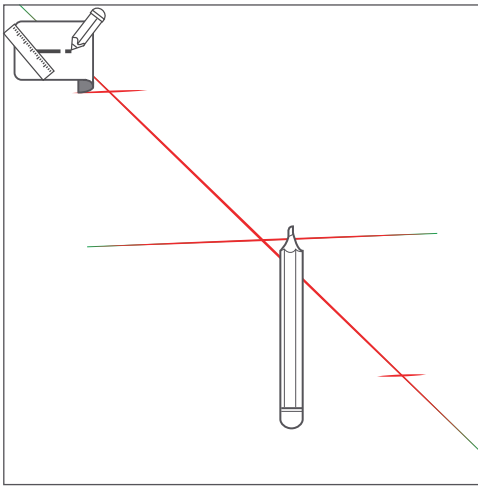


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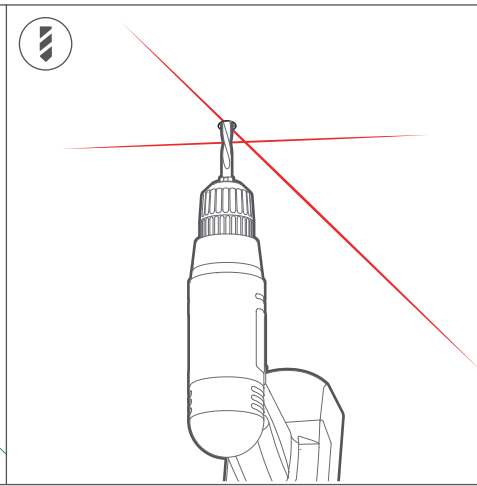
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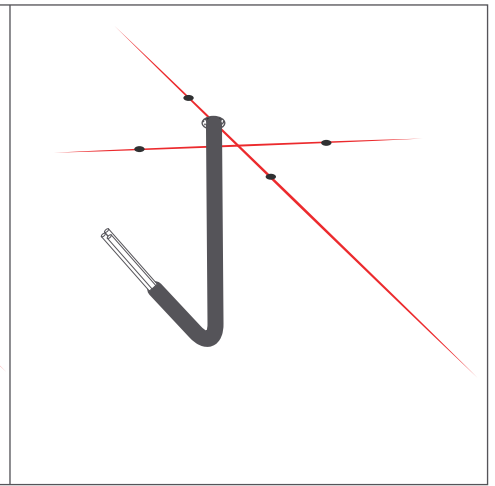
REVISION 01



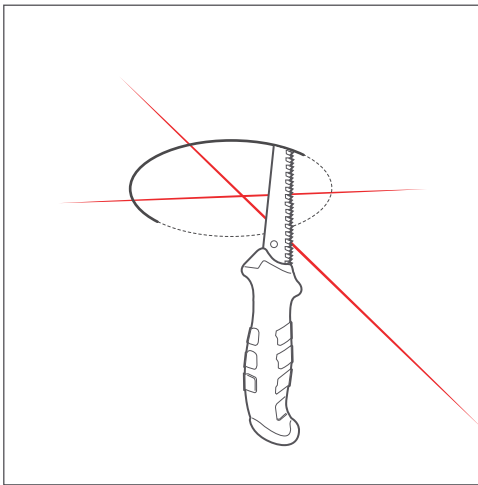
1.
Project line using laser plumb and mark necessary mounting points using supplied Darkon drawing as reference.



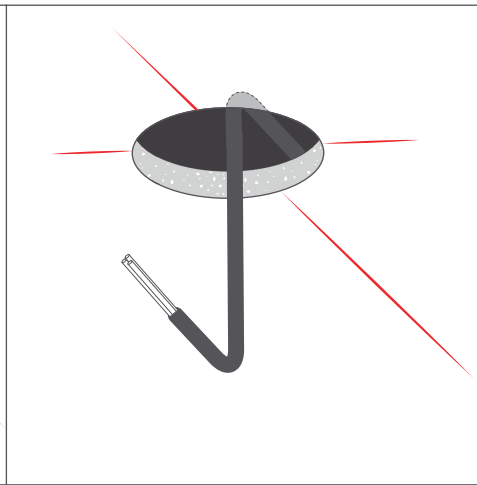
2A IF SM CEILING PLATE
Drill hole for powerfeed, drill pilot holes if necessary.



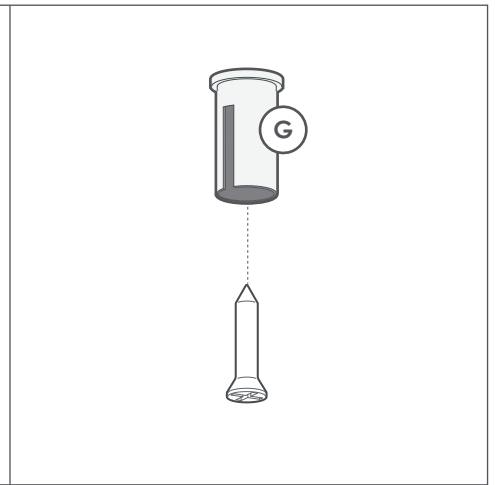
3A IF SM CEILING PLATE
Pull power cable(240V) through ceiling



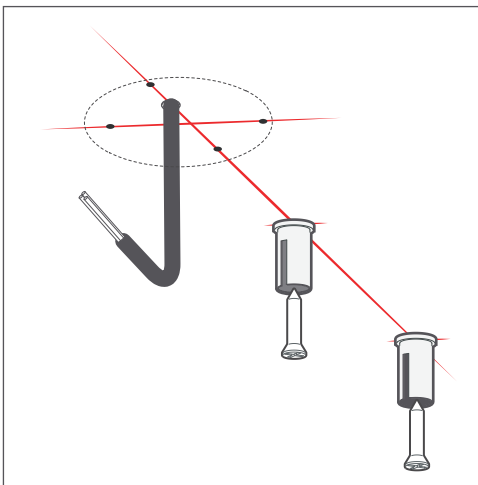
2B IF REC CEILING PLATE
Make cutout using appropriate wallboard saw.



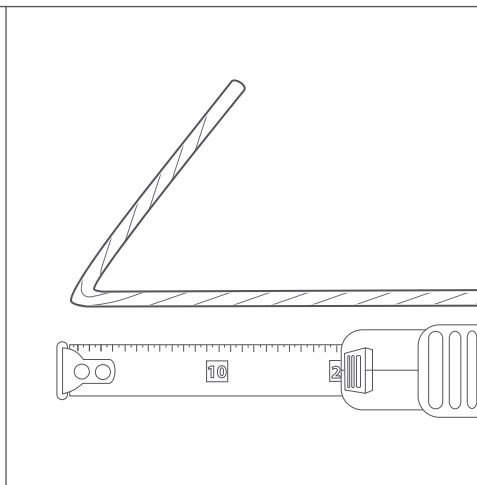
3B. IF REC CEILING PLATE
Pull power cable(240V) through cutout.



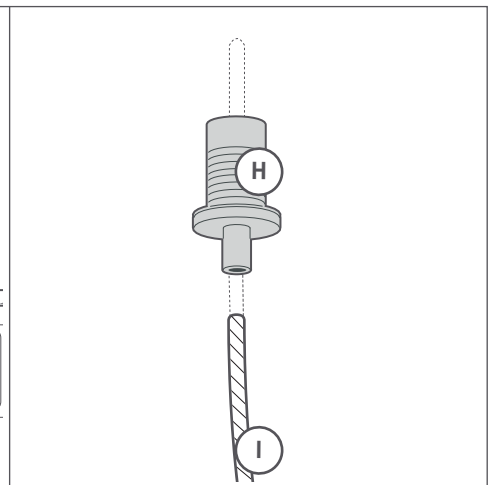
4.
Fix remaining posilock(G) onto the ceiling with appropriate fasteners (not supplied).



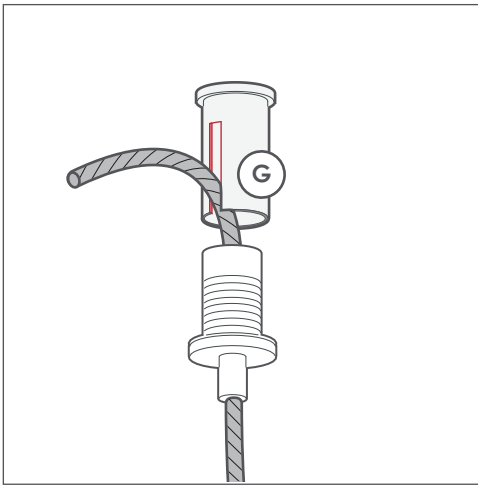
5.
If greater than 2.2m, ensure third, central suspension point is installed.



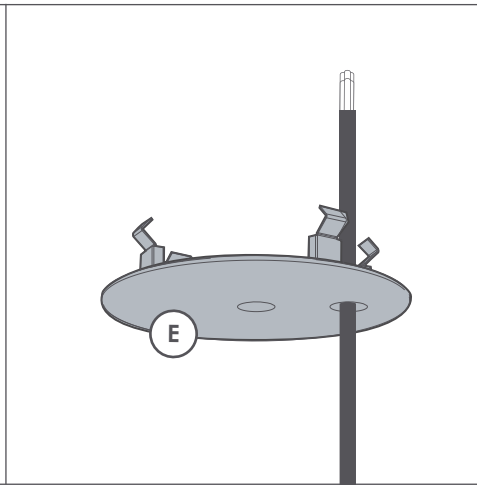
6.
Measure desired length of the Suspension wire(I). Lightly bend and crimp to mark desired length.



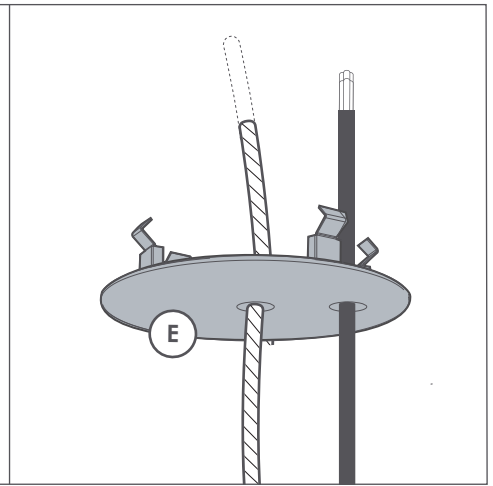
7.
Thread the Suspension wire(I) through wire gripper(H).



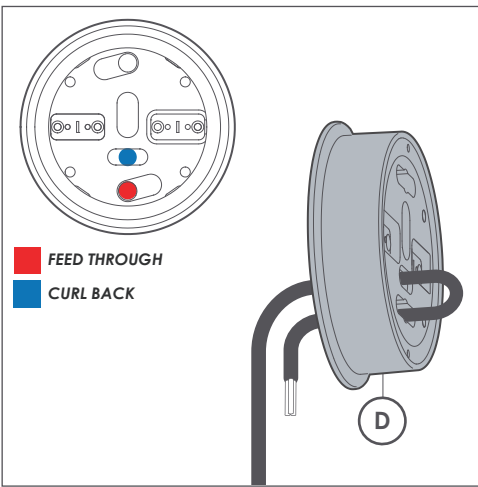
8. Insert excess wire (I) through slot & connect gripper (H) & posilock (G).



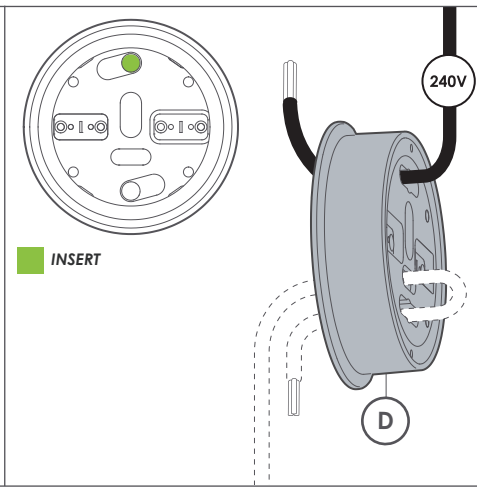
9. Pull supplied power cable through ceiling plate cover (E)



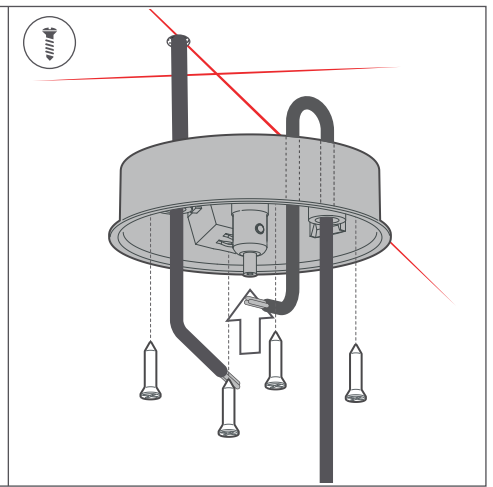
10. Pull supplied power cable through ceiling plate cover (E)



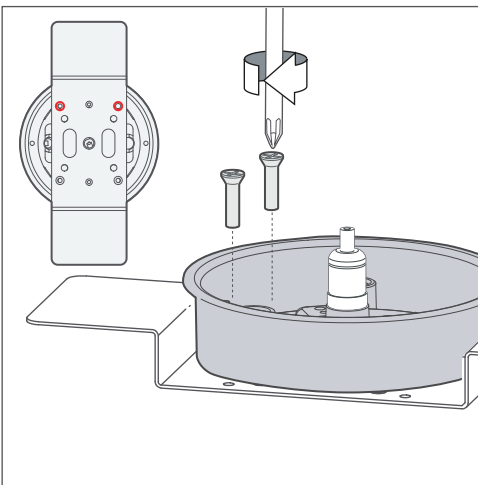
11. IF SM CEILING PLATE A
Thread power cable (from fitting) through cable anchor. Curl back into cutout.



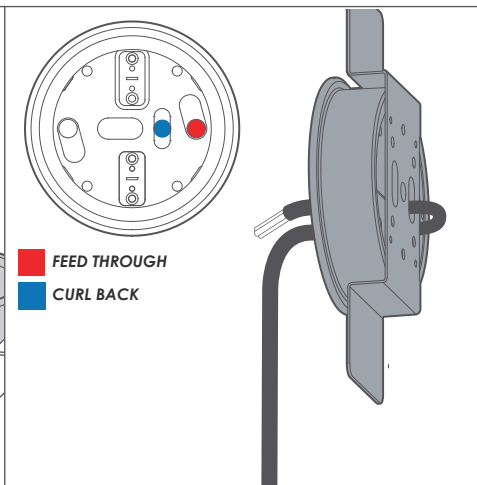
IF SM CEILING PLATE B
Insert power cable (from ceiling) through opposite cutout (see inset)



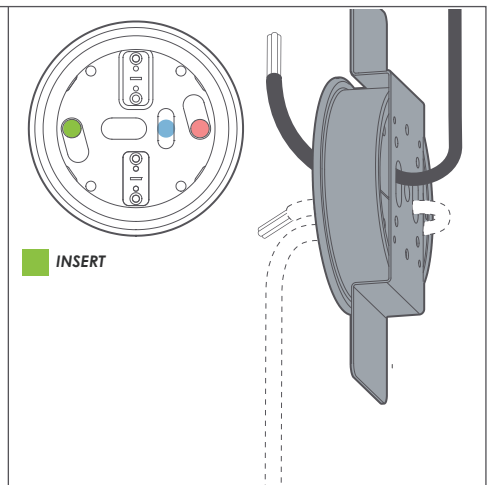
IF SM CEILING PLATE C
Fix ceiling plate (D) with appropriate fasteners (not supplied)



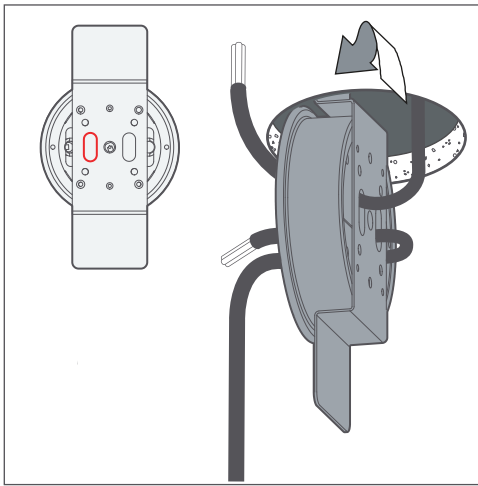
11. IF REC CEILING PLATE A
Align holes and install 2 of 4 bolts into one side of bracket (F).



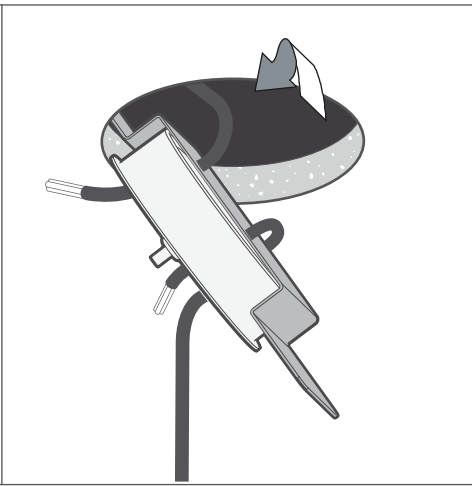
IF REC CEILING PLATE B
Thread power cable (from fitting) through cable anchor & Bracket (F). Curl back into cutout.



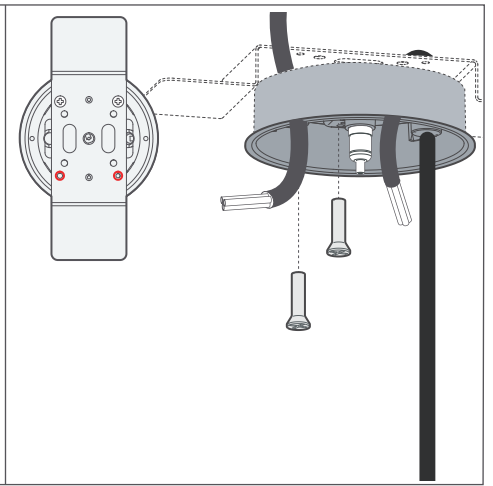
IF REC CEILING PLATE C
Insert power cable (from ceiling) through opposite cutout (see inset)



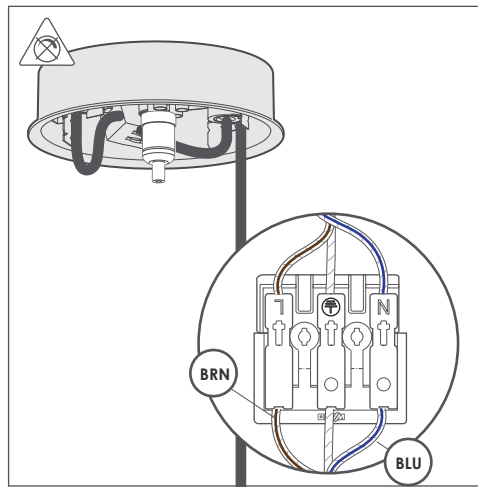
11. IF REC CEILING PLATE D
Insert the fixed ceiling plate(D) & bracket(F) into the cutout. Ensure lip of ceiling plate sits proud of surface.



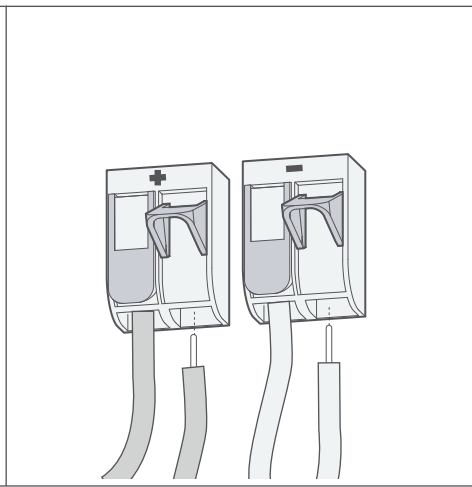
IF REC CEILING PLATE E
Step the fixed ceiling plate(D) & bracket(F) into the cutout.



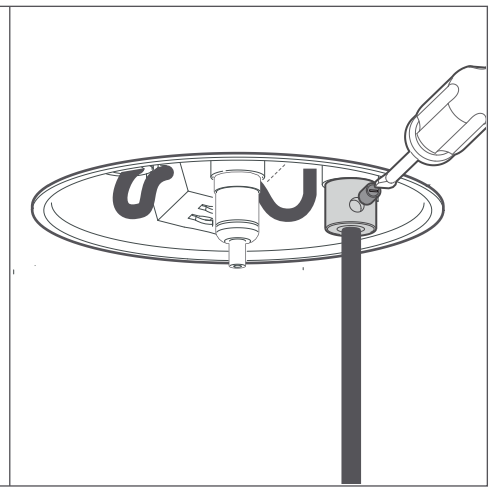
IF REC CEILING PLATE F
Fix the remaining side of the Ceiling plate(D) into bracket(F) with the remaining 2 bolts



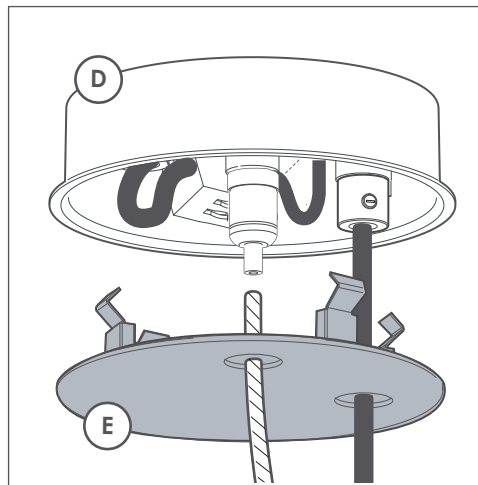
12A. (NON DIM)
Insert wires into terminal.



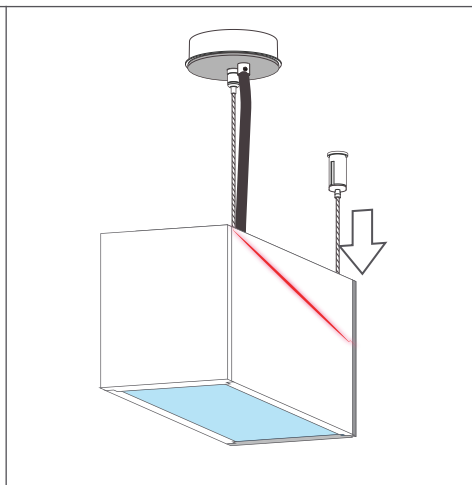
12B. (DIM)
Repeat previous steps by inserting wires into terminal. Connect dimming wires to Wago plugs



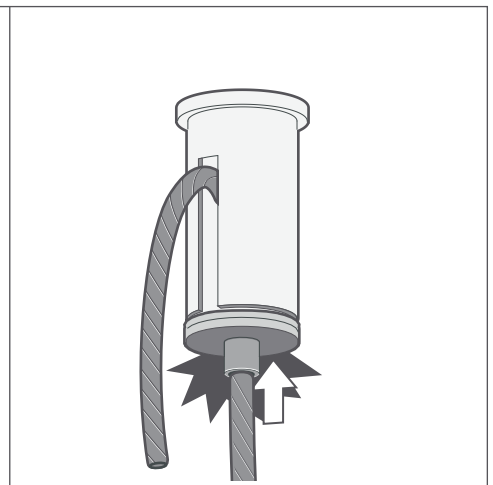
13.
Fix 3mm grub screw into cable anchor with flathead driver.



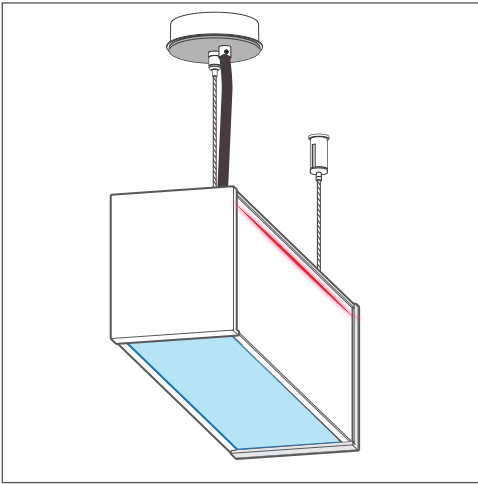
14.
Attach cover(E) onto the Ceiling plate(D). Insert suspension wire into posilock.



15.
Use Laser Plum to ensure fitting is straight.

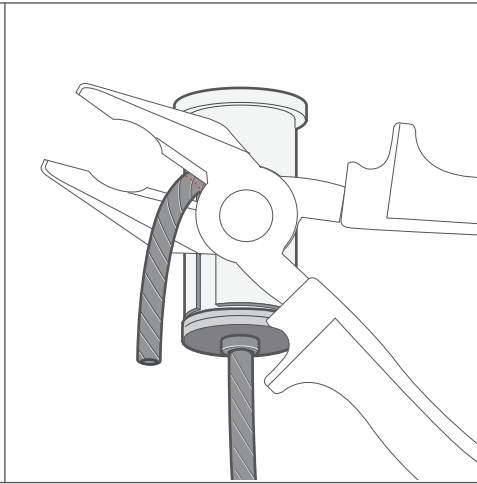


16. IF ADJUSTMENT IS REQ.
Press sprung tip of Wire Gripper(H). Adjust length of wire until all suspension points are level.



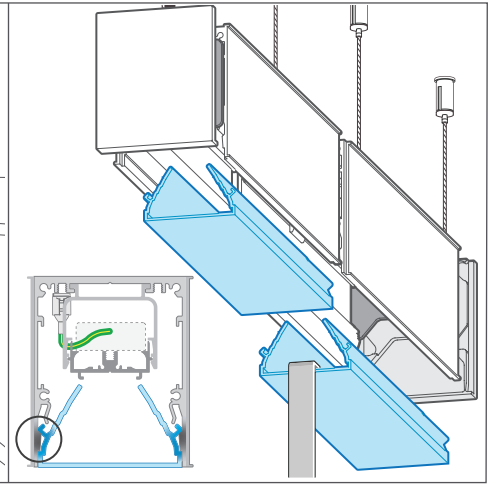
17A. IF DOWN

Use laser to confirm bodies are square and levelled correctly.



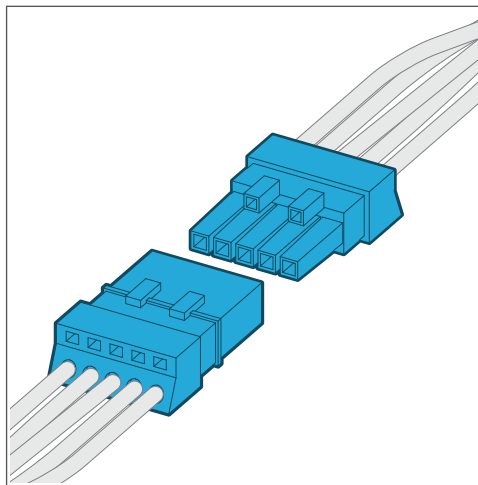
18A. IF DOWN.

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



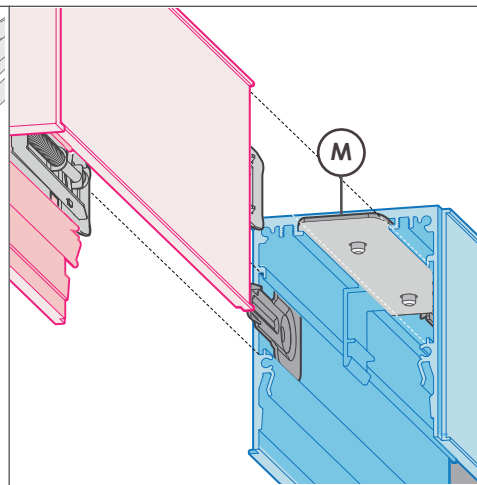
19A. IF MULTIPLE BODIES.

Repeat stages 4-18 to install secondary fitting. Remove bottom lens by pulling endcaps(D) back in order to gain access. Slide living linear connectors into detail.



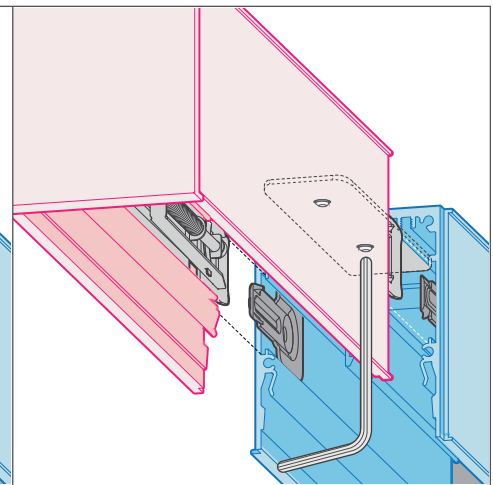
20A. IF DOWN.

Connect necessary plugs.



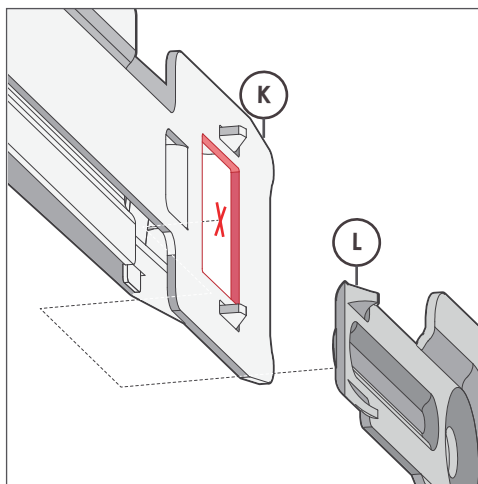
21A. IF DOWN.

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



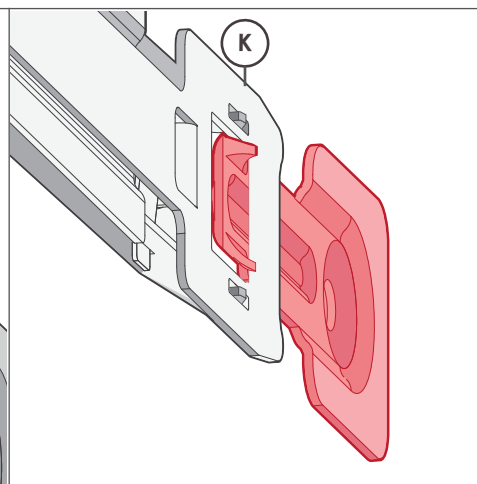
22A. IF DOWN.

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



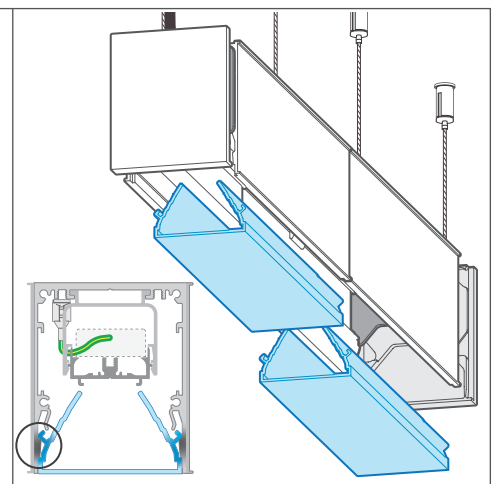
23A. IF DOWN.

Ensure Key(L) floats into catch



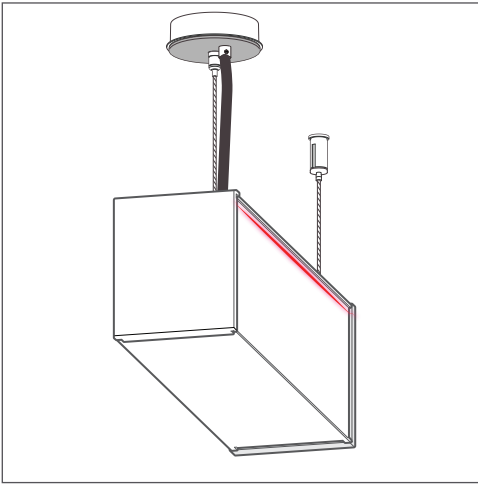
24A. IF DOWN.

Ensure spring releases and mainbodies are tensioned together.



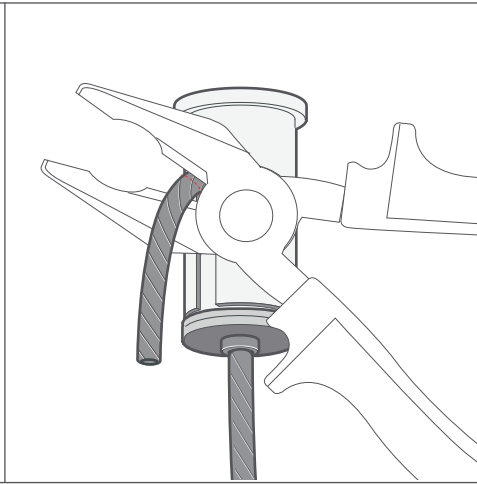
25A. IF DOWN.

Pull endcaps(D) back, install Lens(C) by snap fitting into clipping detail. Centre lens.



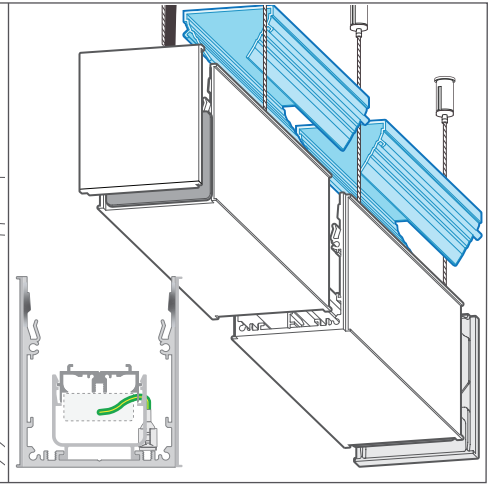
17B. IF UP

Use laser to confirm bodies are square and levelled correctly.



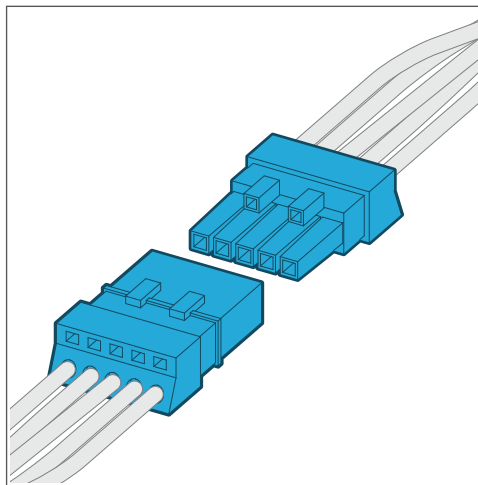
18B. IF UP

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



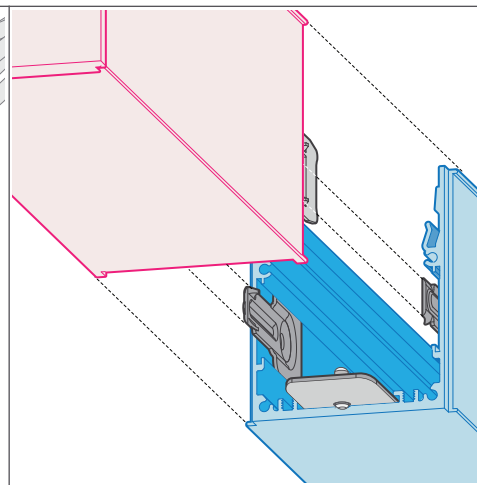
19. IF MULTIPLE BODIES

Repeat stages 4-18 to install secondary fitting. Remove bottom lens by pulling endcaps(D) back in order to gain access. Slide living linear connectors into detail.



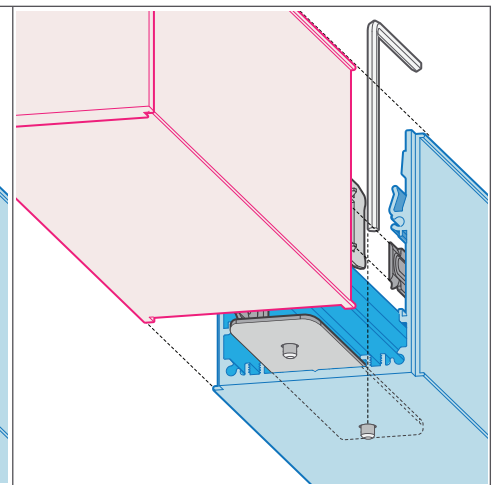
20B. IF UP

Connect necessary plugs.



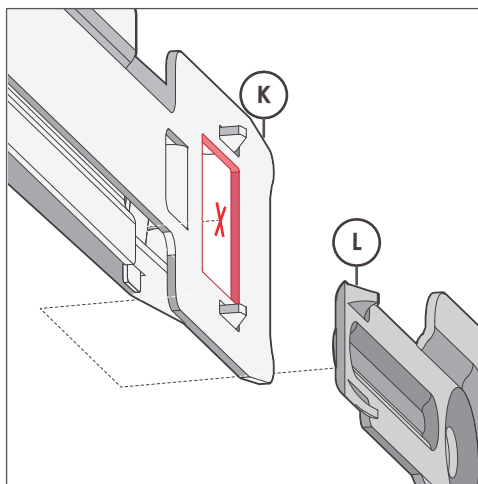
21B. IF UP

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



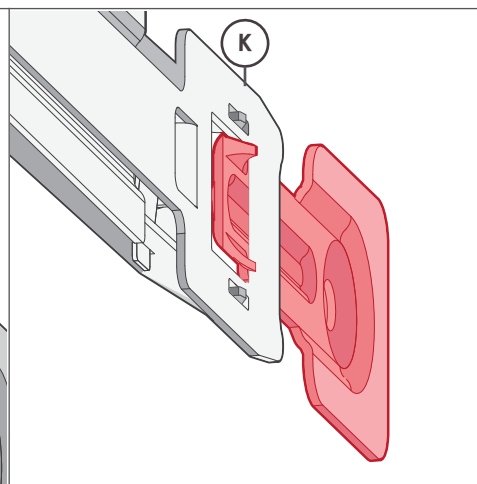
22B. IF UP

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



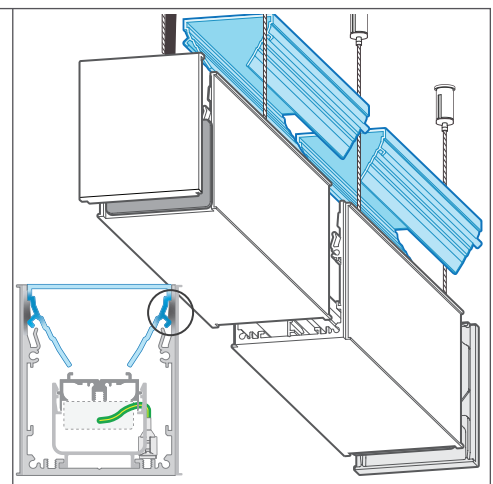
23B. IF UP

Ensure Key(L) floats into catch



24B. IF UP

Ensure spring releases and mainbodies are tensioned together.



25B. IF UP

Pull endcaps(D) back, install Lens(C) by snap fitting into clipping detail. Centre lens.