

# HIP IP67 SUS

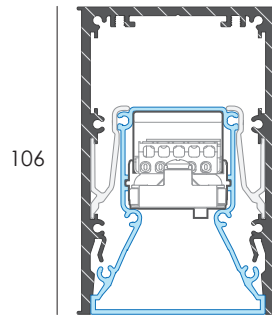
SUSPENDED PROFILE

**DARKON™**  
THE EDGE OF LIGHT

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

## WARNING

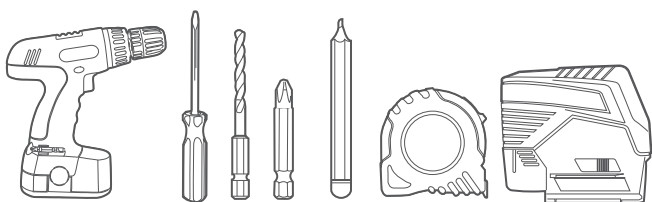
INSTALLATION IS ONLY TO BE CARRIED OUT BY SUITABLY QUALIFIED PERSONS IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS AND ALL APPLICABLE REGULATIONS OR STANDARDS. (IMPROPER INSTALLATION CAN CREATE AN ELECTRICAL HAZARD WITH RISK OF ELECTRIC SHOCK, FIRE OR INJURY). DARKON WILL NOT BE HELD RESPONSIBLE FOR ANY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



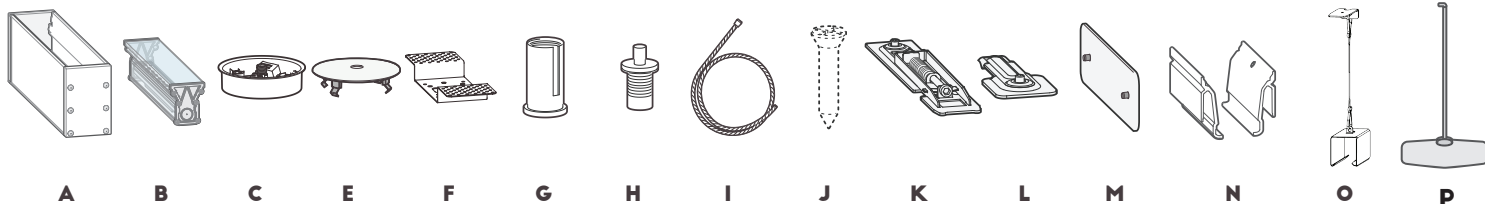
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## TOOLS REQUIRED

POWER DRILL / FLAT SCREW DRIVER / DRILL BIT / PHILLIPS DRIVER / PENCIL / TAPE MEASURE LASER PLUMB.



## COMPONENTS



## MAINTENANCE

Wipe product with a clean dry microfiber cloth.



## SERVICING

Sections of light trays can be replaced if deemed faulty

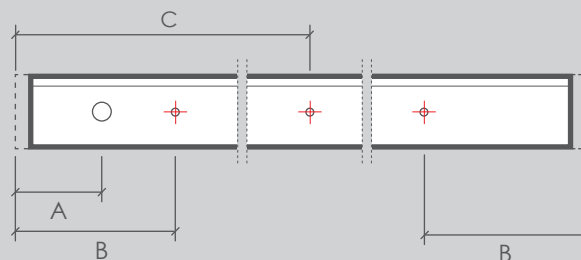
## FIXINGS

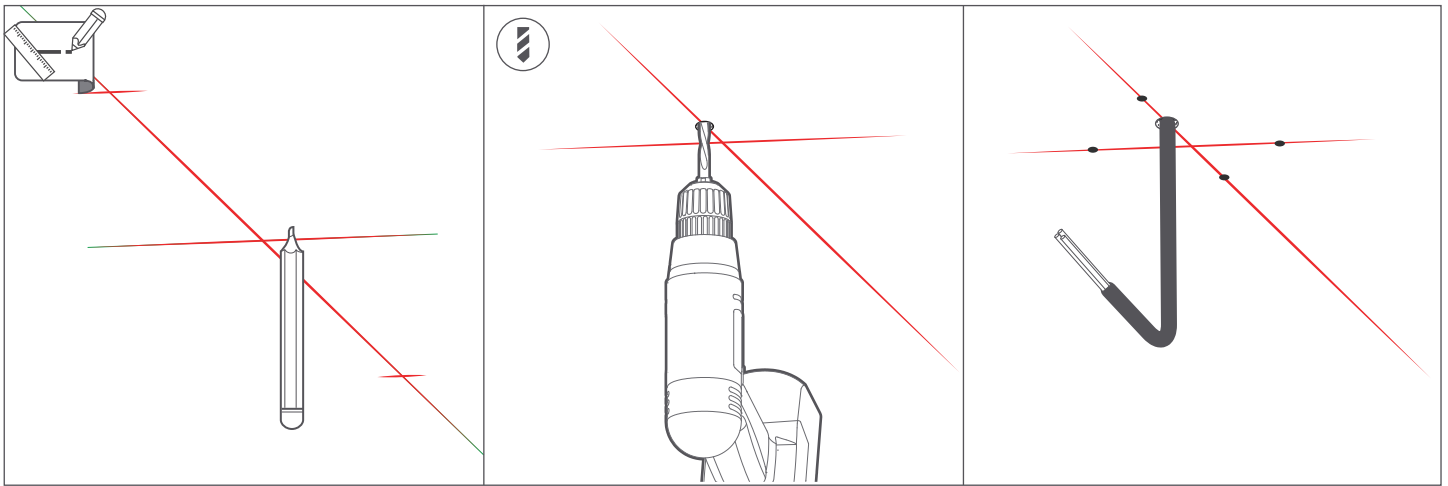
IP GROMMET / APPROPRIATE MOUNTING SCREWS

DISTANCE	DESCRIPTION
A)	67MM POWERFEED DIMENSION
B)	150MM MOUNTING LOCATION
C)	PROFILE LENGTH ÷ 2 3RD MOUNTING LOCATION (IF LENGTH IS GREATER THAN 2.2M)

## SUSPENSION DIMENSIONS

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



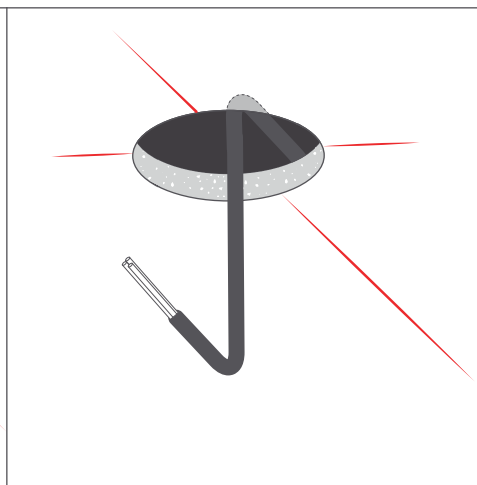
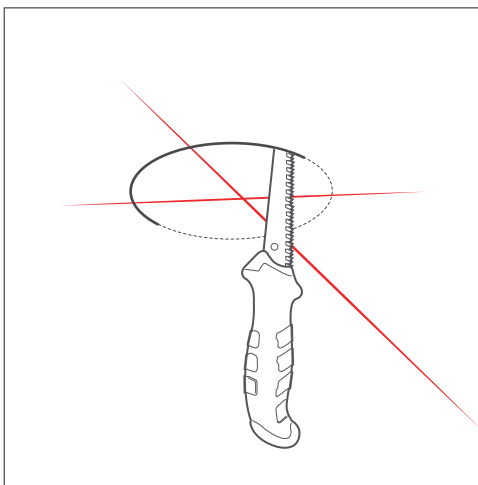


**1.**  
Project line using laser plumb and mark necessary mounting points using supplied Darkon drawing as reference.



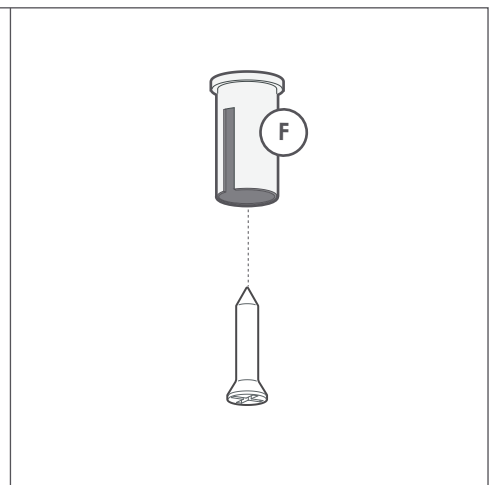
**2A IF SM CEILING PLATE**  
Drill hole for power feed, drill pilot holes if necessary.

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

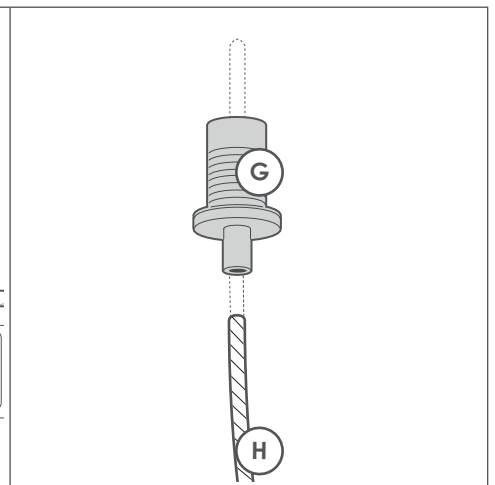
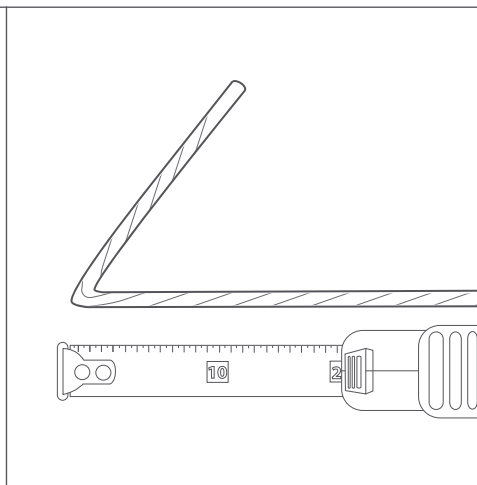
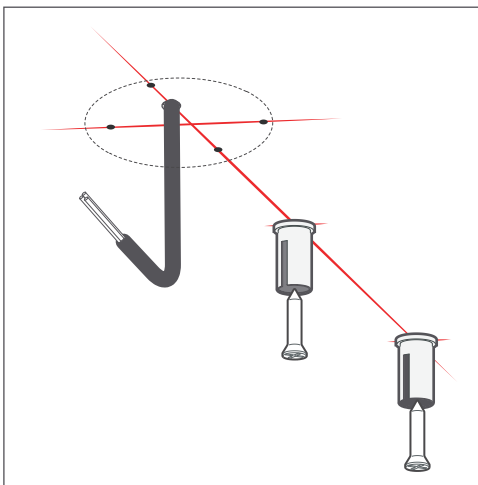


**2B IF REC CEILING PLATE**  
Make cutout using appropriate wallboard saw.

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



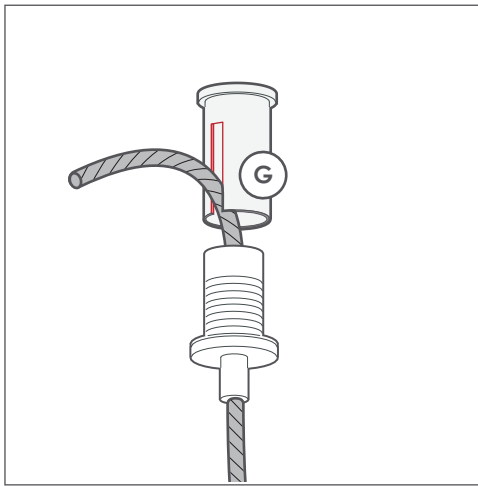
**4.**  
Fix remaining posilock(F) onto the ceiling with appropriate fasteners (not supplied).



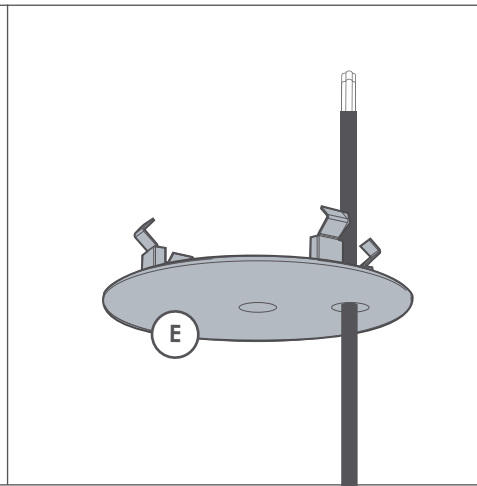
**5.**  
If greater than 2.2m, ensure third, central suspension point is installed.

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

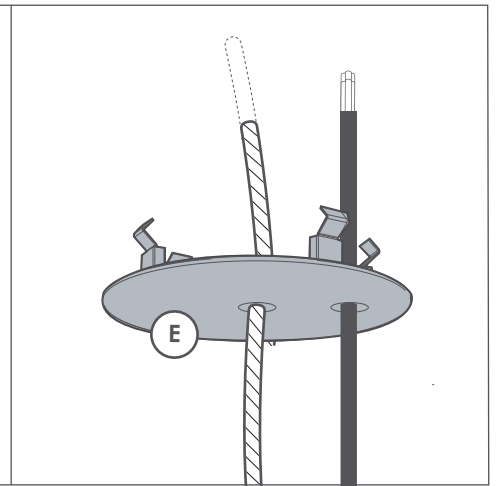
**7.**  
Thread the Suspension wire(H) through wire gripper(G).



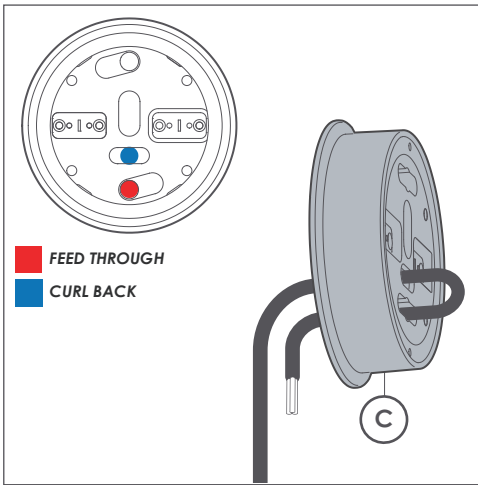
**8.** Insert excess wire (I) through slot & connect gripper (H) & posilock (G).



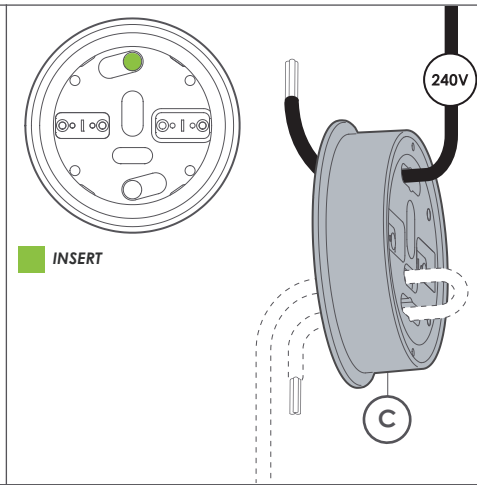
**9.** Pull supplied power cable through ceiling plate cover (E)



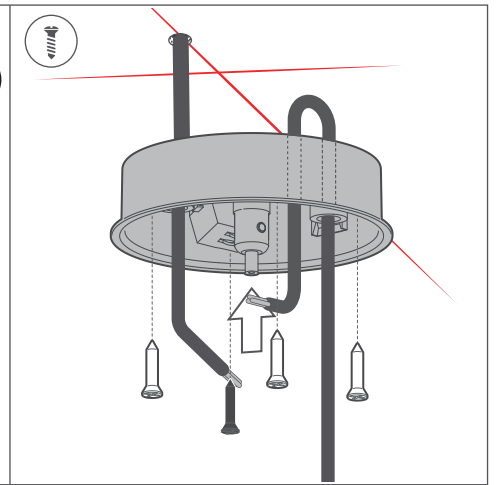
**10.** Pull supplied power cable through ceiling plate cover (E)



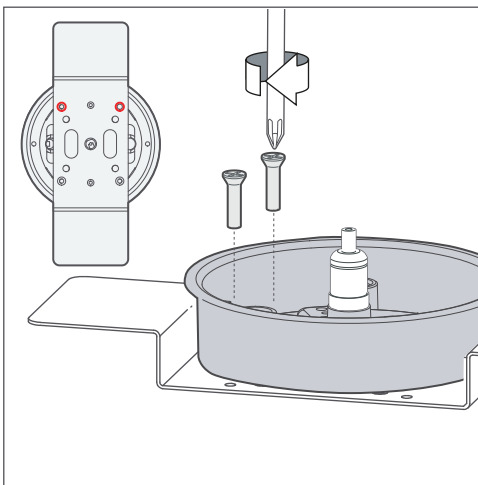
**11. IF SM CEILING PLATE A**  
Thread power cable (from fitting) through cable anchor. Curl back into cutout.



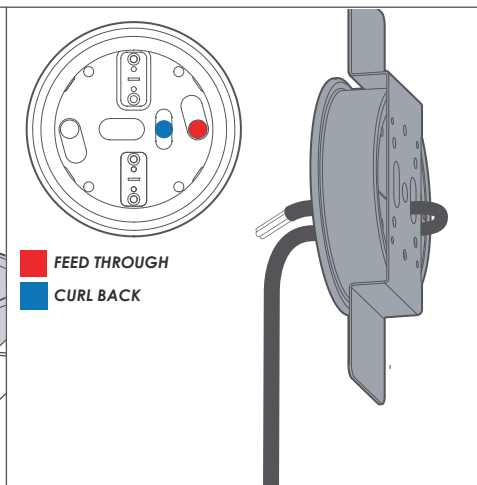
**IF SM CEILING PLATE B**  
Insert power cable (from ceiling) through opposite cutout (see inset)



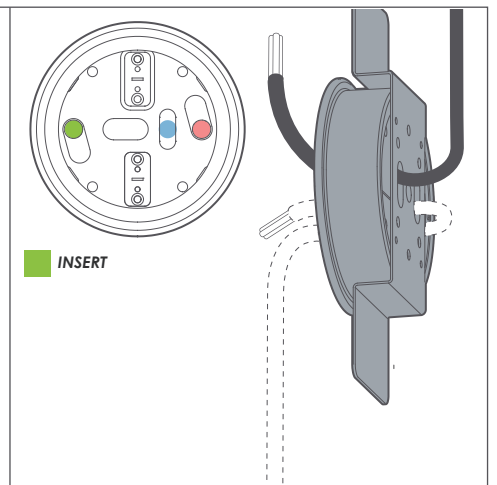
**IF SM CEILING PLATE C**  
Fix ceiling plate (C) with appropriate fasteners (not supplied)



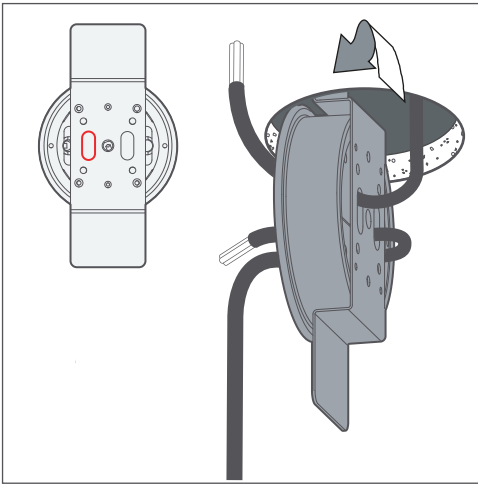
**11. IF REC CEILING PLATE A**  
Align holes and install 2 of 4 bolts into one side of bracket (F).



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

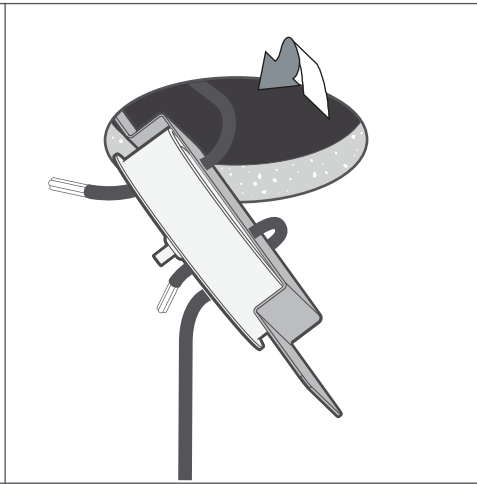


**IF REC CEILING PLATE C**  
Insert power cable (from ceiling) through opposite cutout (see inset)



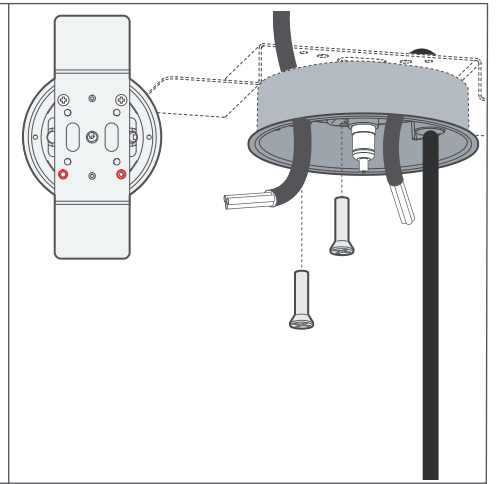
**11. IF REC CEILING PLATE D**

Insert the fixed ceiling plate(C) & bracket(F) into the cutout. Ensure lip of ceiling plate sits proud of surface.



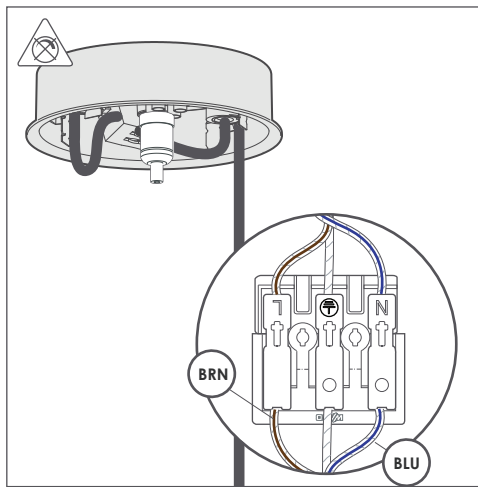
**IF REC CEILING PLATE E**

Step the fixed ceiling plate(C) & bracket(F) into the cutout.



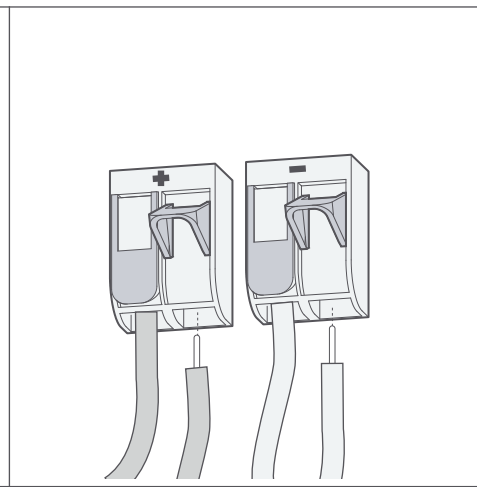
**IF REC CEILING PLATE F**

Fix the remaining side of the Ceiling plate(C) into bracket(F) with the remaining 2 bolts



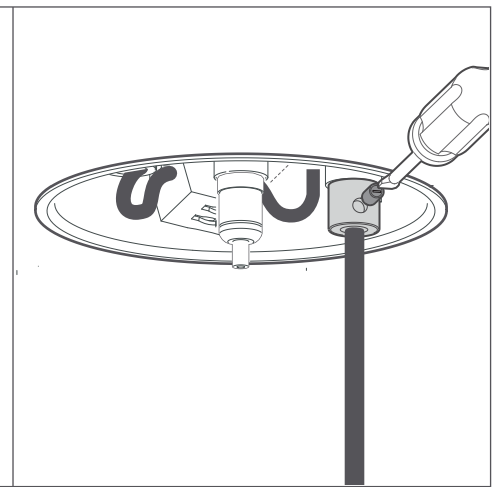
**12A. (NON DIM)**

Insert wires into terminal.



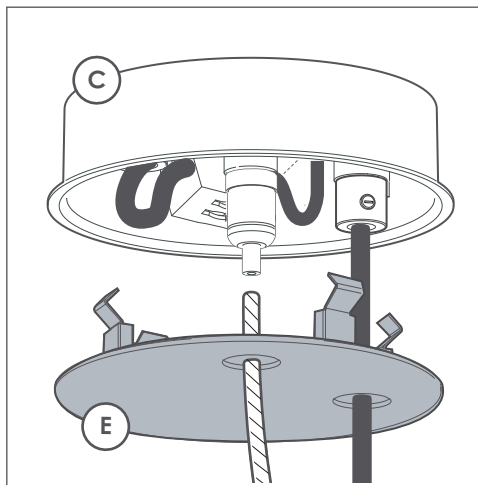
**12B. (DIM)**

Repeat previous steps by inserting wires into terminal. Connect dimming wires to Wago plugs



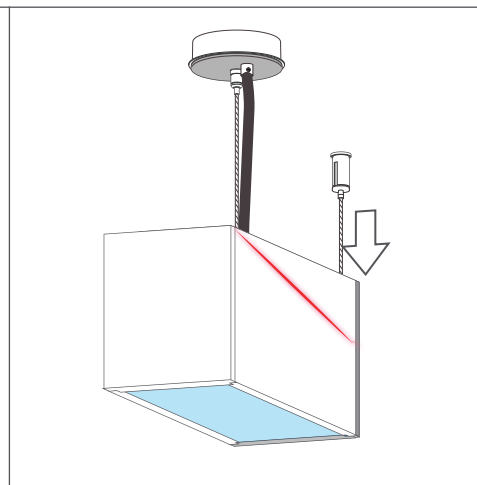
**13.**

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



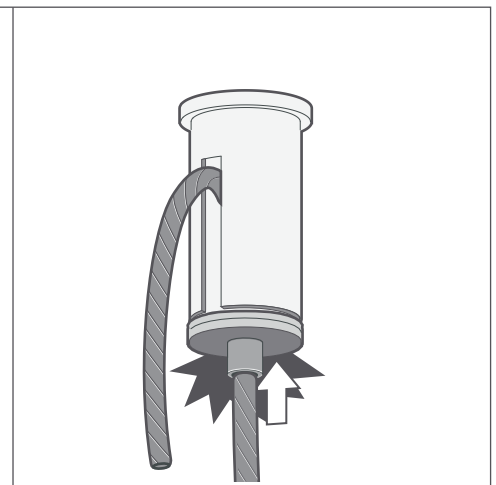
**14.**

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



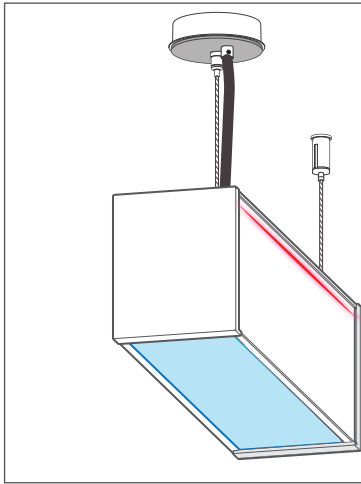
**15.**

Use Laser Plum to ensure fitting is straight.

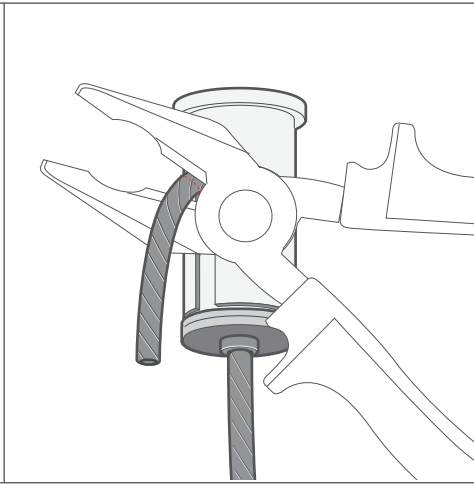


**16. IF ADJUSTMENT IS REQ.**

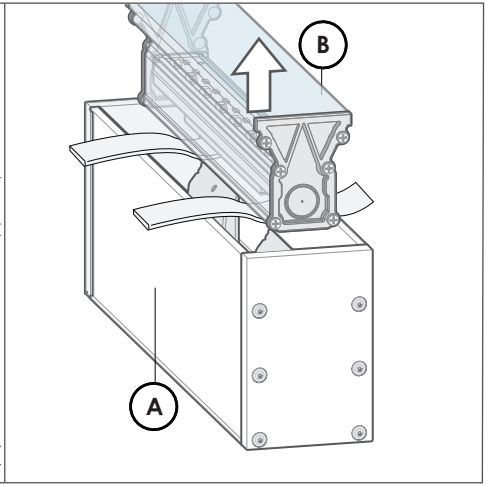
Press sprung tip of Wire Gripper(G). Adjust length of wire until all suspension points are level.



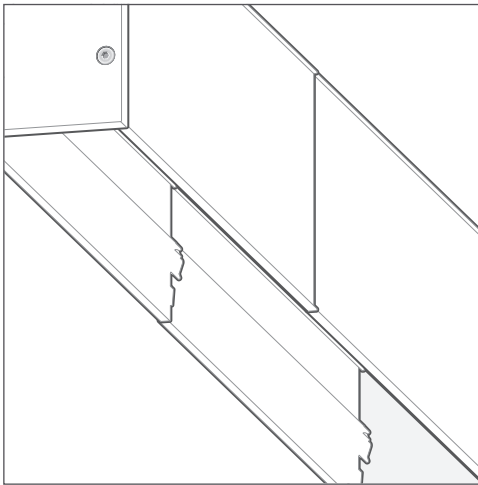
**17.**  
Use laser to confirm bodies are square and leveled correctly.



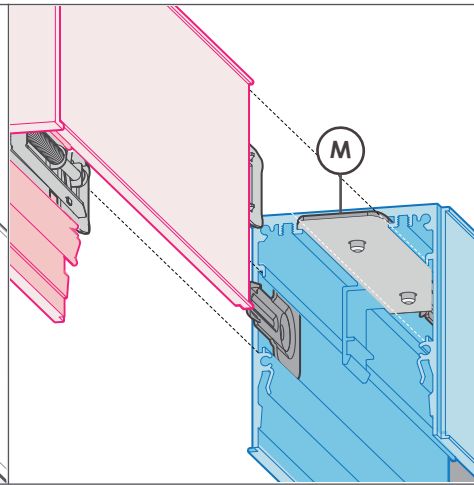
**18.**  
Using pliers, trim off excess suspension wire(I).



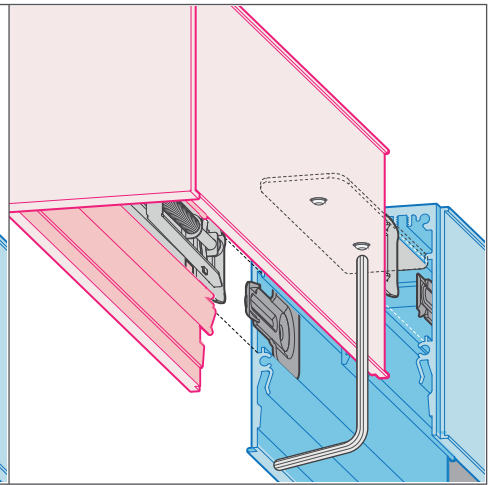
**19. IF MULTIPLE BODIES.**  
Remove mainbody(B) from the surface-body(A). Remove supplied straps.



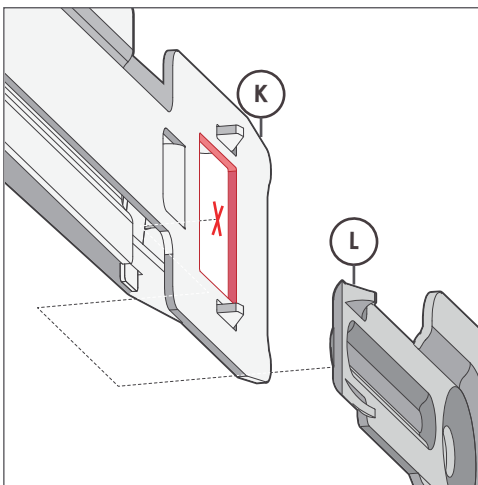
**20.**  
Align Linear Connectors to make multiple bodies.



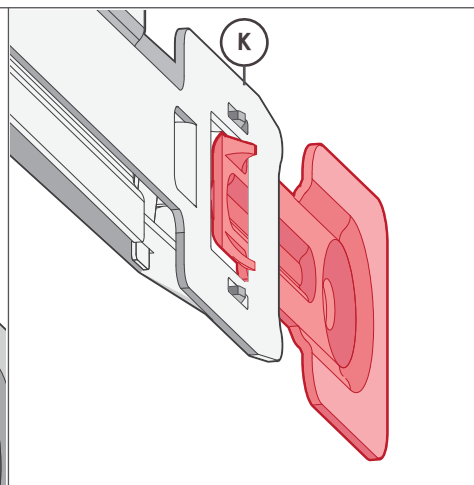
**21.**  
Slide 'linear connector' (M) into detail.



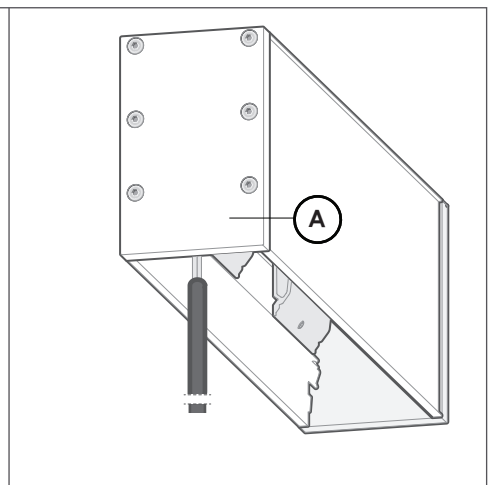
**22.**  
Push bodies together.  
Slide Linear Brackets(M) between joint & fix.



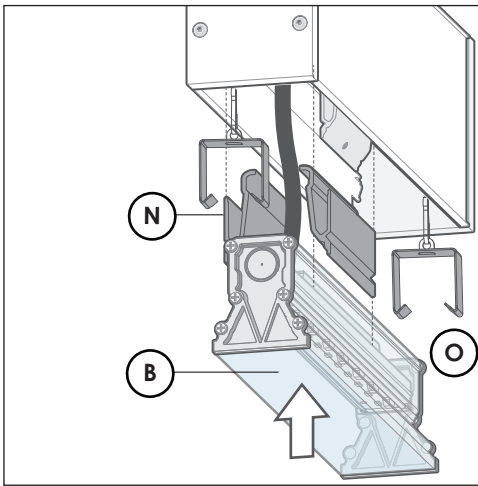
**23.**  
Ensure Key(K) floats into catch



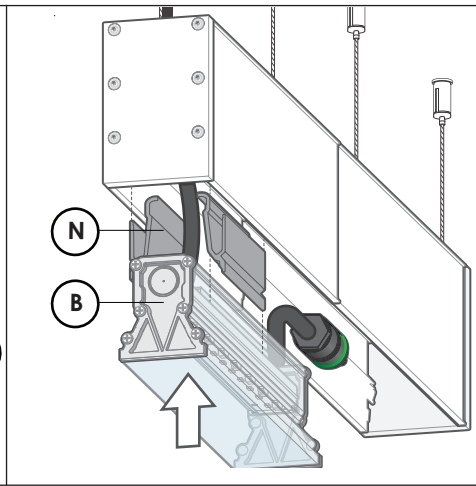
**24.**  
Ensure spring releases and main bodies are tensioned together.



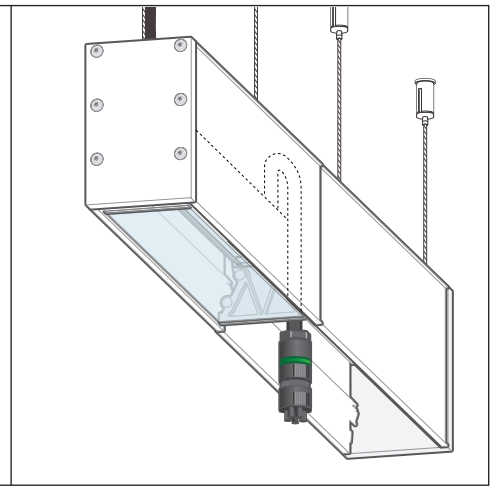
**25.**  
Feed cable through 'Mainbody'(A).



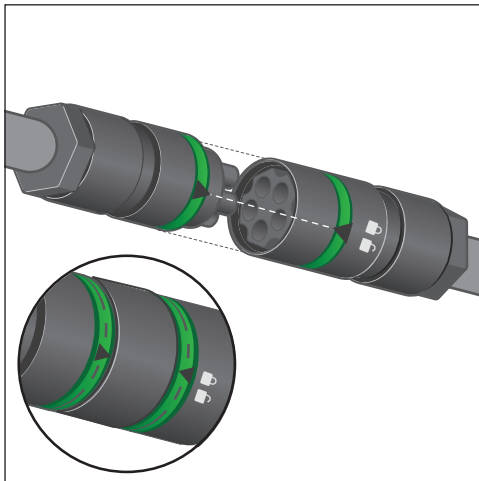
**26.** Install 'Start Gear Tray' (B) by snap fitting into Clips (N) and make sure the two safety lanyards (O) are attached to the body.



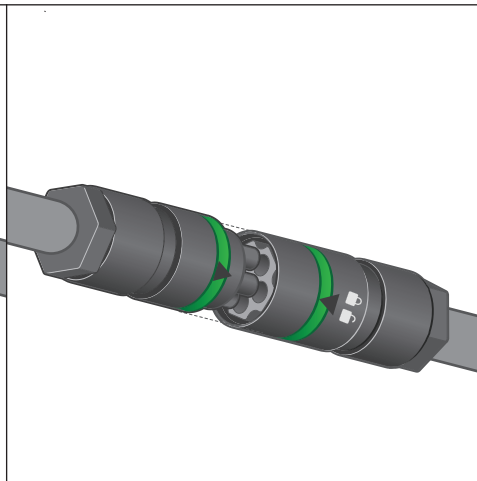
**27.** Install 'Start Gear Tray' (B) by snap fitting into 'Clips' (N) and make sure the two safety lanyards (O) are attached to the body..



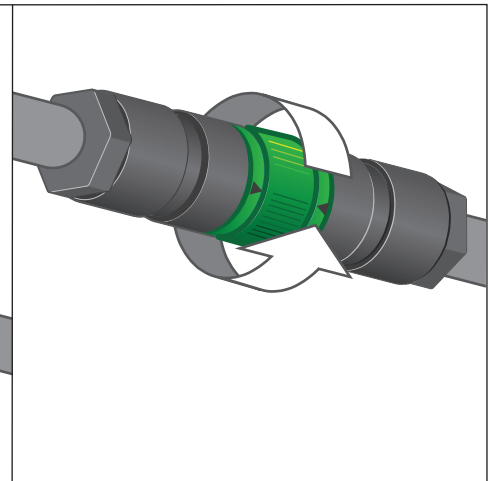
**28.** Ensure 'through loom socket' hangs proud of 'Gear Tray' (B) and easily accessible.



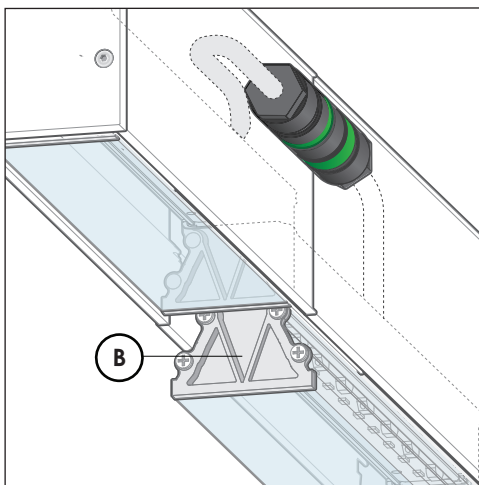
**29.** Align socket to plug, locate markers to maintain correct polarity.



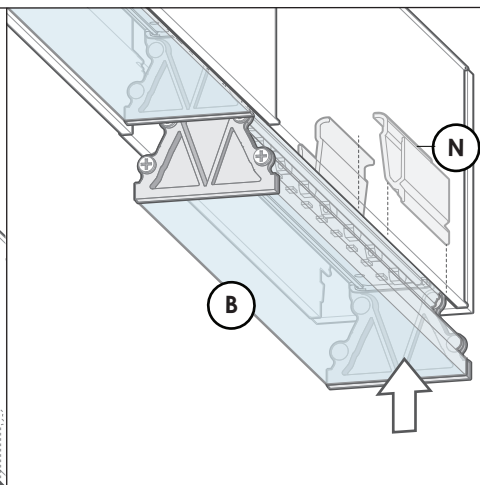
**30.** Connect plugs.



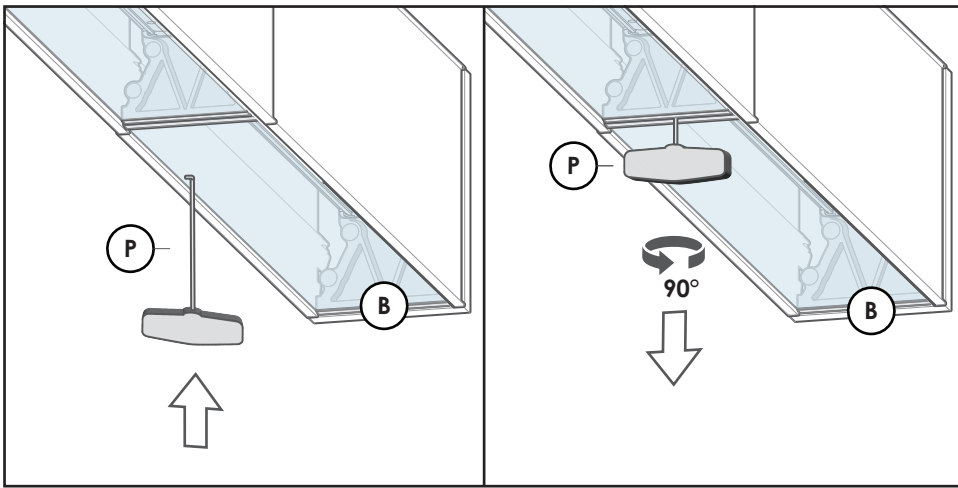
**31.** Rotate to locked position.



**32.** Insert 'Gear Tray' (B) into 'Mainbody' (A). Snake & guide 'through loom' to cavity between 'Gear Tray' (B) & 'Mainbody' (A).



**33.** Ensure 'Gear Tray' (B) snaps into all 'Clips' (N) and make sure the two safety lanyards (O) are attached to the body.



### MAINTENANCE IF MULTIPLE

#### **BODIES:** *(Removing lens)*

Insert 'Lens Tool' (P) in between the 2 lenses (B).

With the lens tool inserted in between the 2 lenses (B), rotate the tool 90° degrees so that the flat part of the tool is positioned on the back of the lens (B). Slowly pull down to remove the lens from the clips.