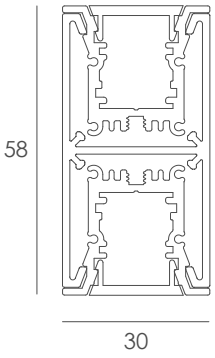
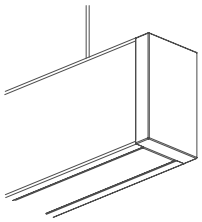
# GRAZER H
SUSPENDED PROFILE

DARKON™
THE EDGE OF LIGHT

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



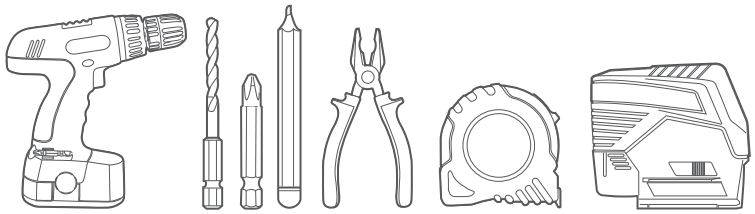



## WARNING

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

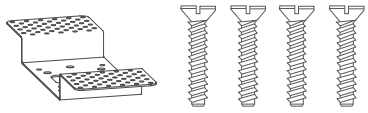
*POWER DRILL / DRILL BIT / PHILLIPS DRIVER / PENCIL / PLIERS / TAPE MEASURE / PLUM LASER*



## NOTE

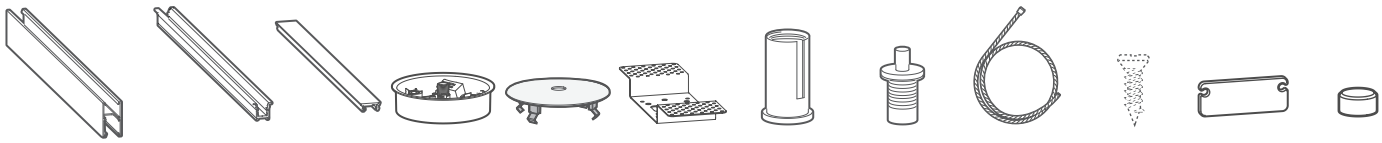
-Lengths that exceed 2200mm are fitted with 3 suspensions adding to components G, H, I, K & L.
-Living Linear Connectors are needed only with multiple body light fittings*(see stage 14)**.
- *'Grazer Tube'* only available in fixed lengths.

**REC**
CUT OUT
∅100



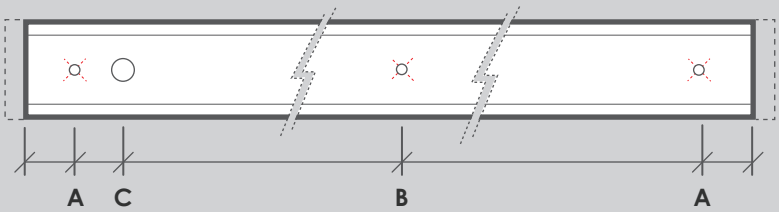
**SUPPLIED IF REC CEILING PLATE***

## COMPONENTS

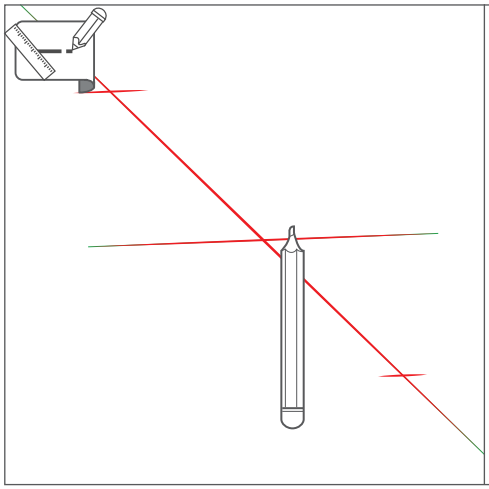



| | DISTANCE | DESCRIPTION |
|---|---|---|
| A) | 15MM | SUSPENSION LOCATION |
| B) | PROFILE LENGTH / 2 | ⚠ IF GREATER THAN 2.2M THIRD SUSPENSION POINT IS REQUIRED |
| C) | 7 | POWERFEED LOCATION |

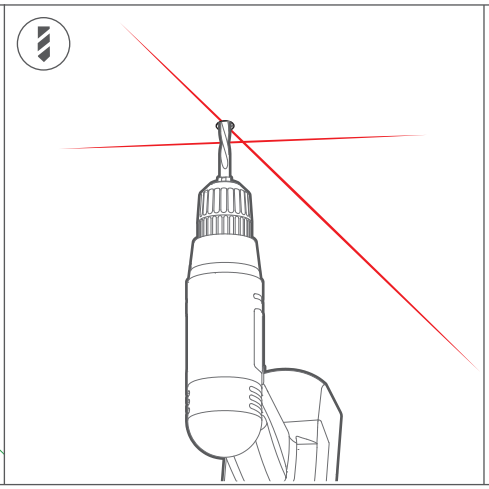
## SUSPENSION DIMENSIONS
FIGURE 1.



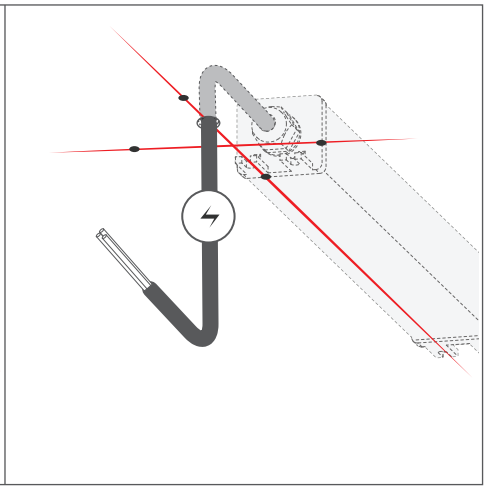

IP22



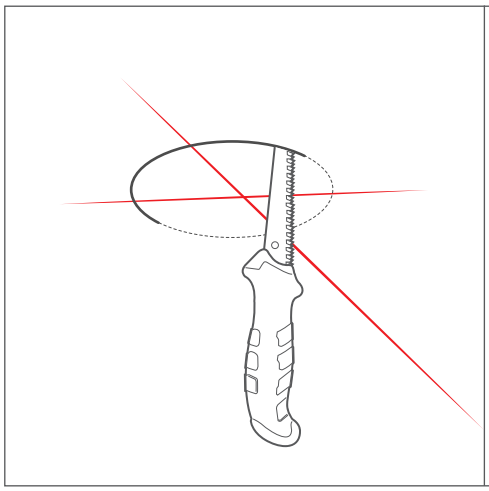
**1.**
Project line using laser plumb and mark necessary mounting points using supplied Darkon drawing as reference.



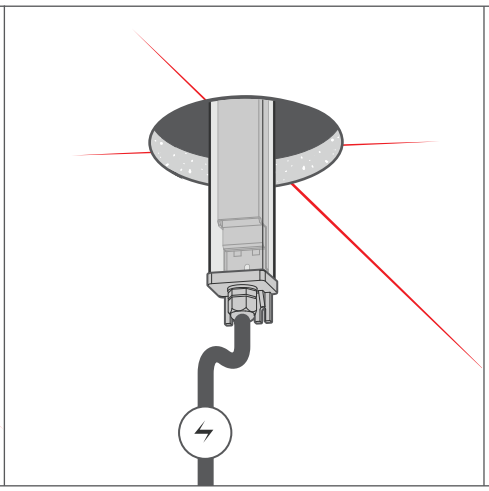
**2A IF SM CEILING PLATE**
Drill hole for powerfeed, drill pilot holes if necessary.



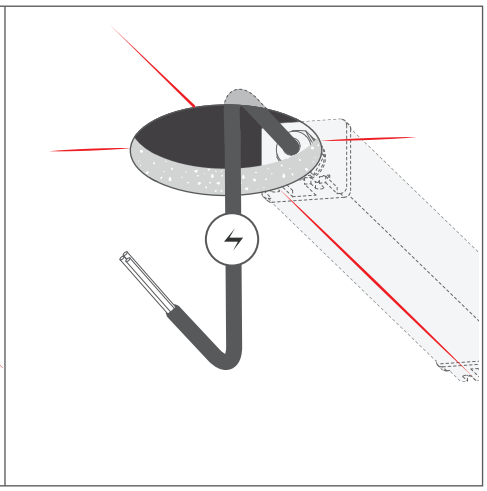
**3A IF SM CEILING PLATE**
Pull secondary cable(DC Voltage) through ceiling



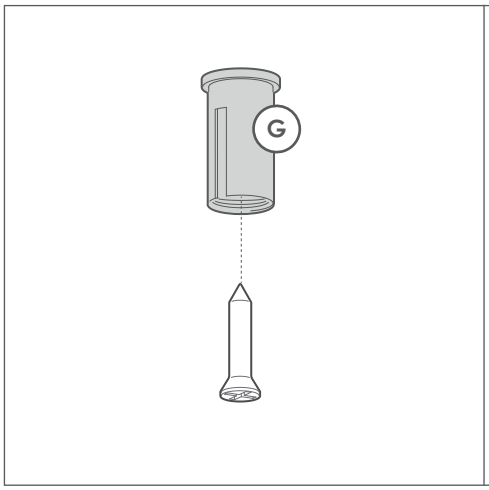
**3B.1 IF REC CEILING PLATE**
Make cutout using appropriate wallboard saw.



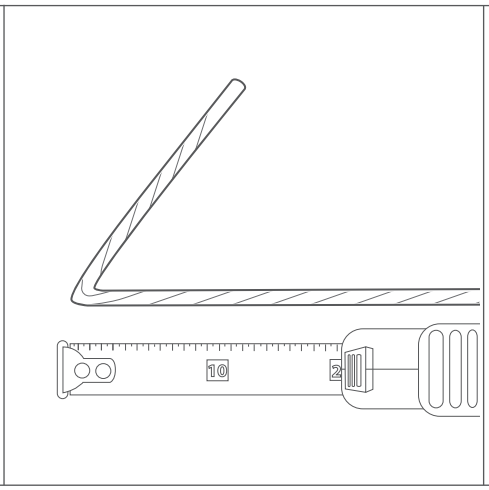
**3B.2 IF REC CEILING PLATE**
Insert remote driver into cutout.



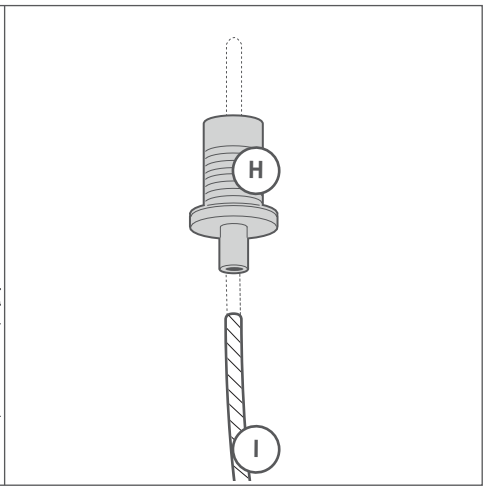
**3B.3 IF REC CEILING PLATE**
Pulll secondary cable(DC Voltage) through cutout.



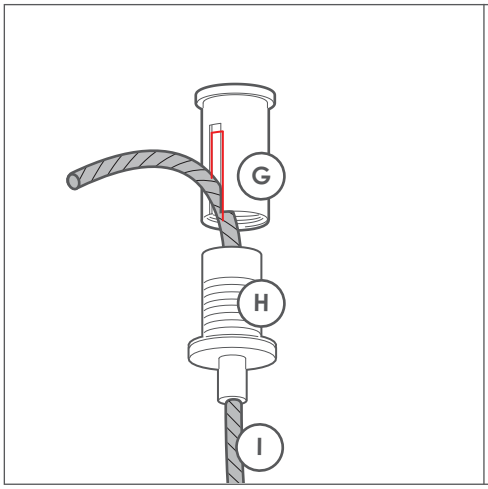

**4.**
Fix remainding posilock(*G)* onto the ceiling with appropriate fasteners *(not supplied)*.



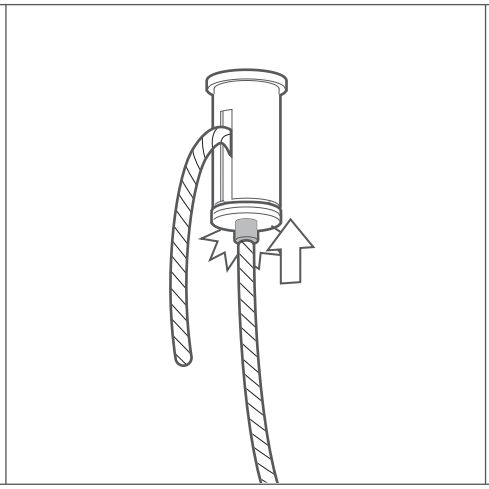

**5.**
Measure desired length of the Suspension wire(I). Lightly bend and crimp to mark desired length.



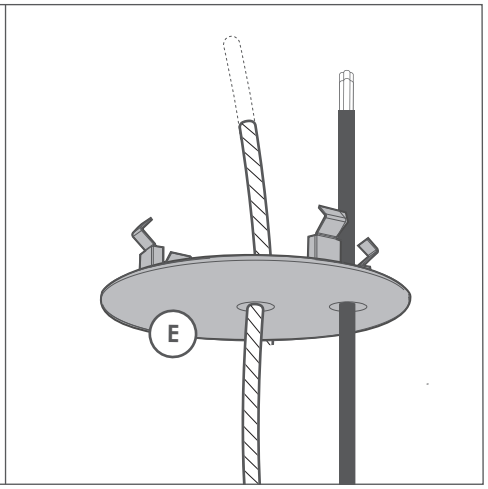

**6.**
Thread the Suspension wire(I) through wire gripper(H).



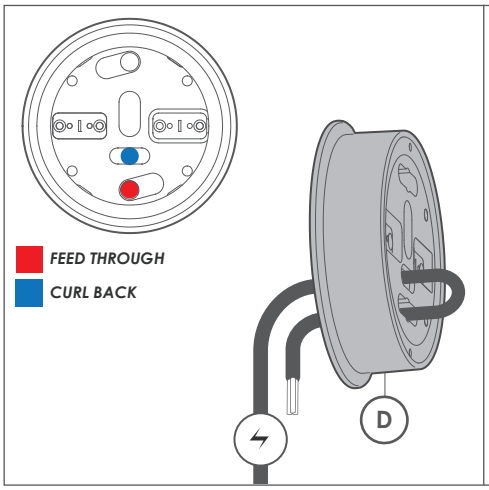

**7.**
Insert excess wire(I) through slot & connect gripper(H) & posilock(G).



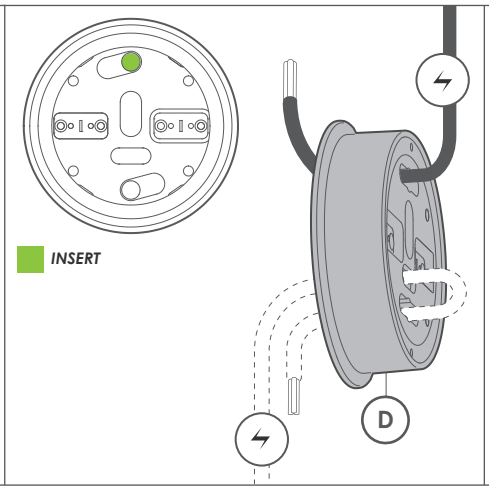
**8.**
Press sprung tip and adjust suspension wire if required.



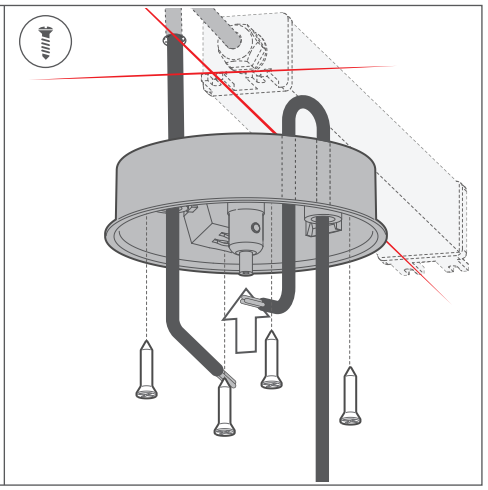

**9.**
Pull supplied powercable through ceiling plate cover(E)



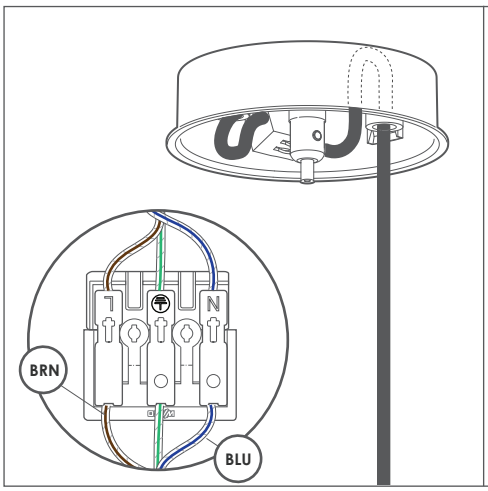

**10. IF SM CEILING PLATE A**
Thread secondary cable(from fitting) through cable anchor. Curl back into cutout.



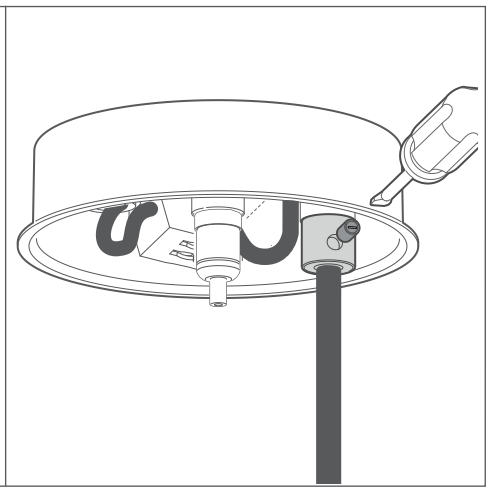

**IF SM CEILING PLATE B**
Insert secondary cable(from driver) through opposite cutout (see inset)



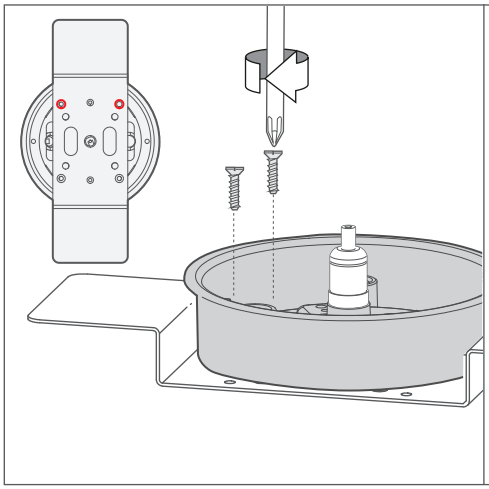
**IF SM CEILING PLATE C**
Fix *ceiling plate(D)* with appropriate fasteners (not supplied)



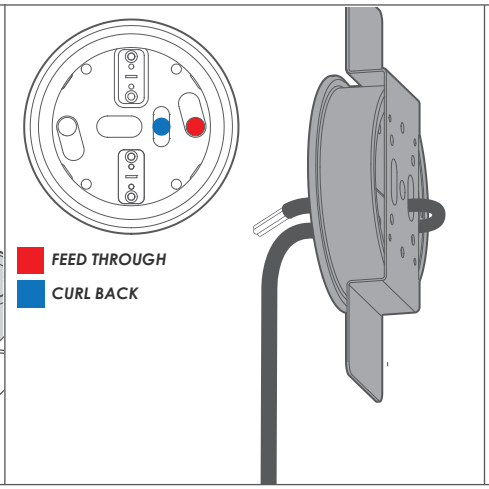

**IF SM CEILING PLATE D**
Insert wires into terminal.



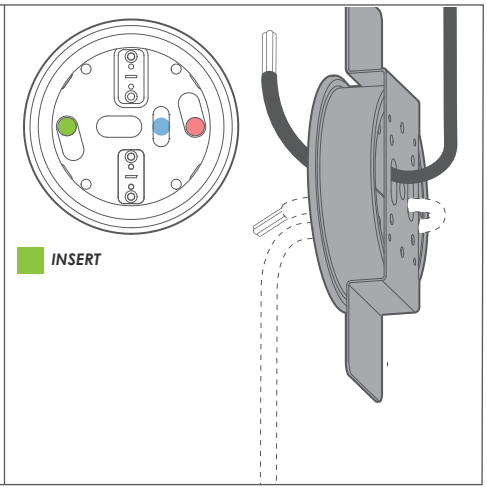
**IF SM CEILING PLATE F**
Fix 3mm grub screw into cable anchor with flathead driver.



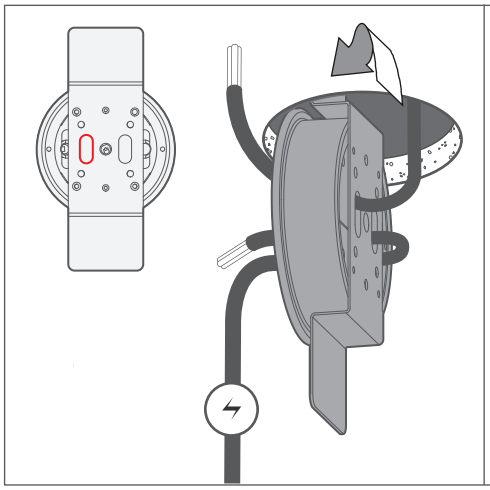
**10. IF REC CEILING PLATE A**
Align holes and install 2 *of 4 bolts* into one side of bracket(F).



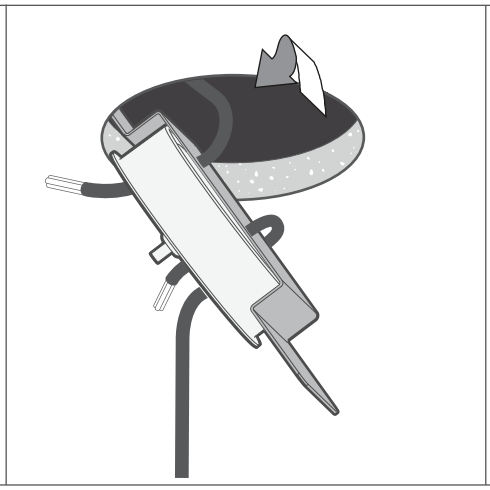

**IF REC CEILING PLATE B**
Thread secondary cable(from fitting) through cable anchor & *Bracket(G)*. Curl back into cutout.



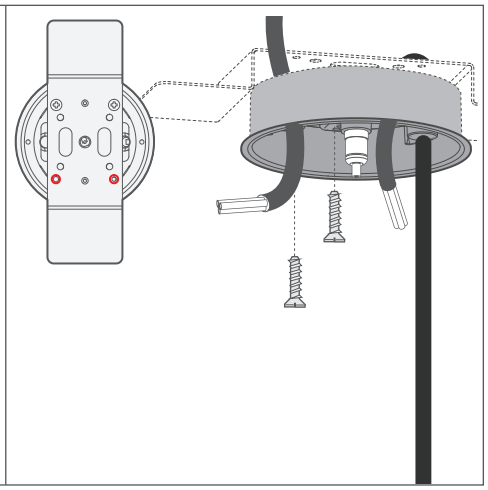

**IF REC CEILING PLATE C**
Insert secondary cable *(from driver)* through opposite cutout (see inset)



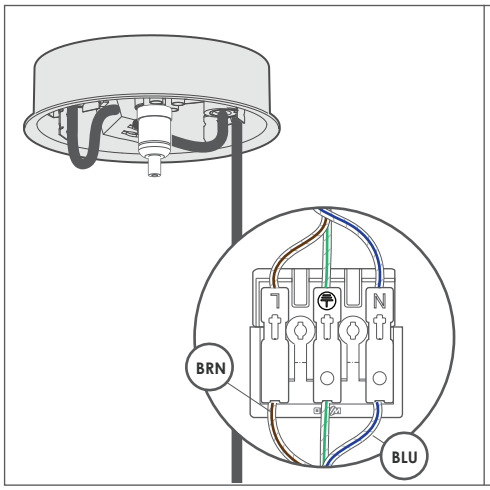
**IF REC CEILING PLATE D**
Insert the fixed ceiling plate(D) & bracket(F) into the cutout. Ensure lip of ceiling plate sits proud of surface.



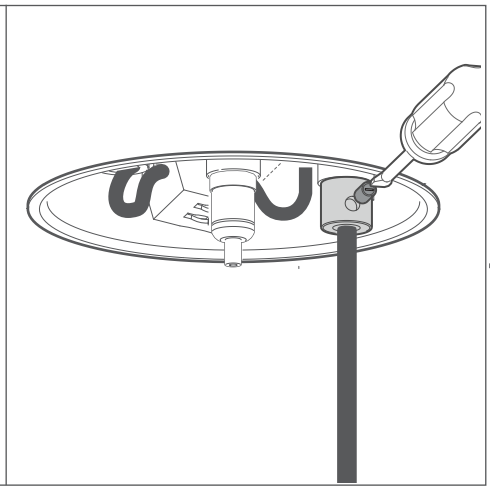
**IF REC CEILING PLATE E**
Step the fixed ceiling plate(D) & bracket(F) into the cutout.



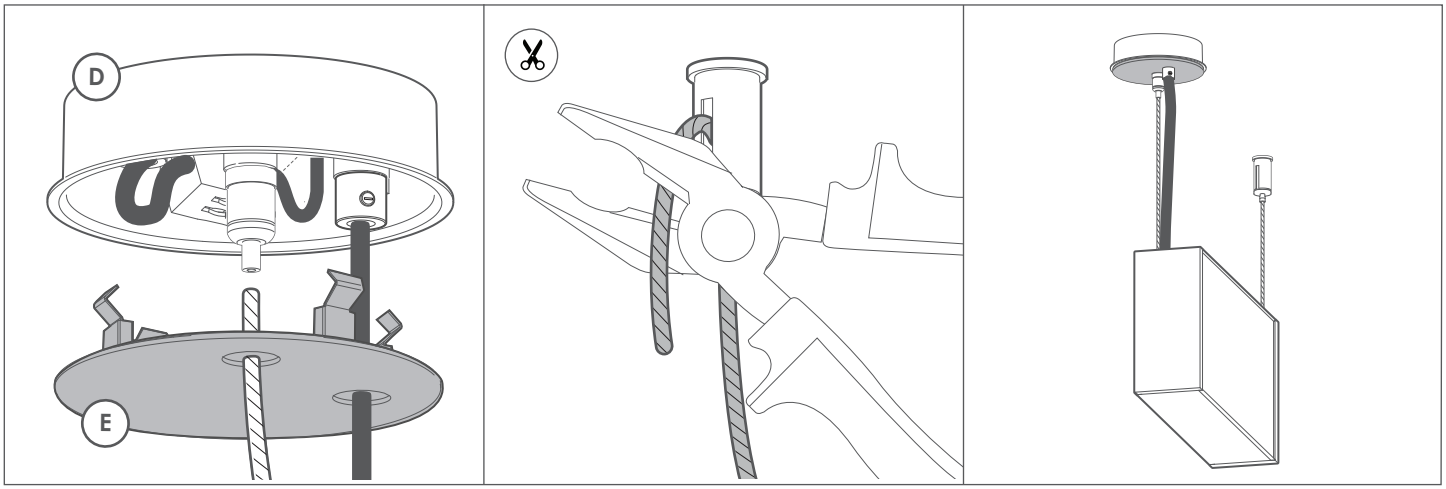
**IF REC CEILING PLATE F**
Fix the remainding side of the *Ceiling plate(D)* into *bracket(F)* with the remainding 2 bolts




**IF REC CEILING PLATE G**
Insert wires into terminal.



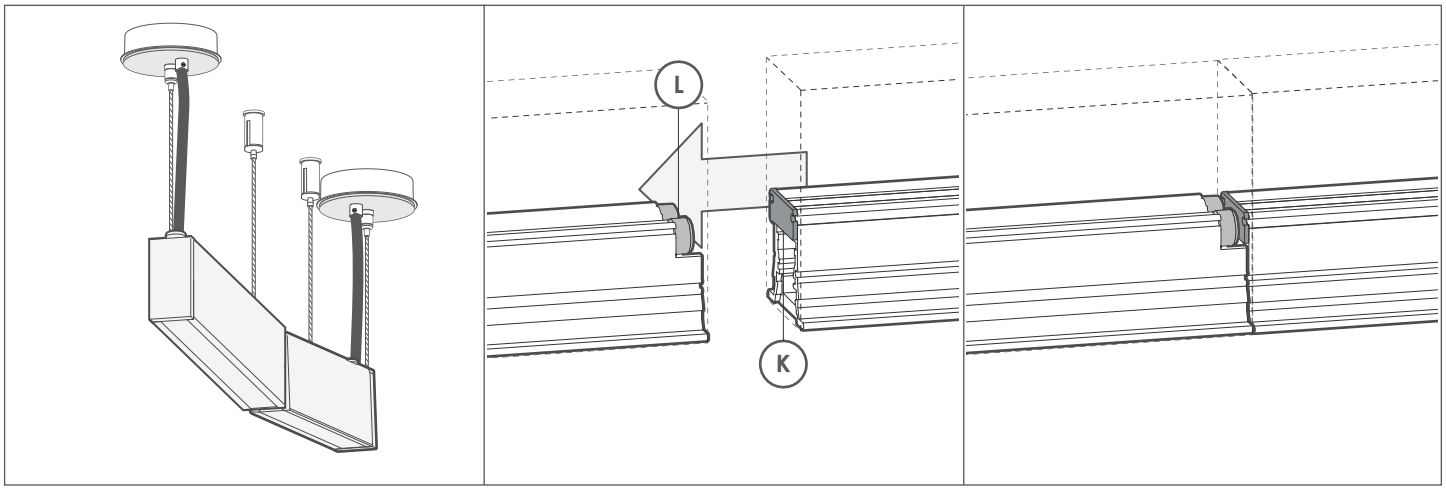
**IF REC CEILING PLATE I**
Fix 3mm grub screw into cable anchor with flathead driver.




**11.**
Attatch cover*(E)* onto the *Ceiling plate(D)*. Insert suspension wire into posilock.

**12.**
Using pliers, trim off excess suspension wire(I).

**13.**
Gently tug on suspension wires to ensure fitting is appropriately installed.

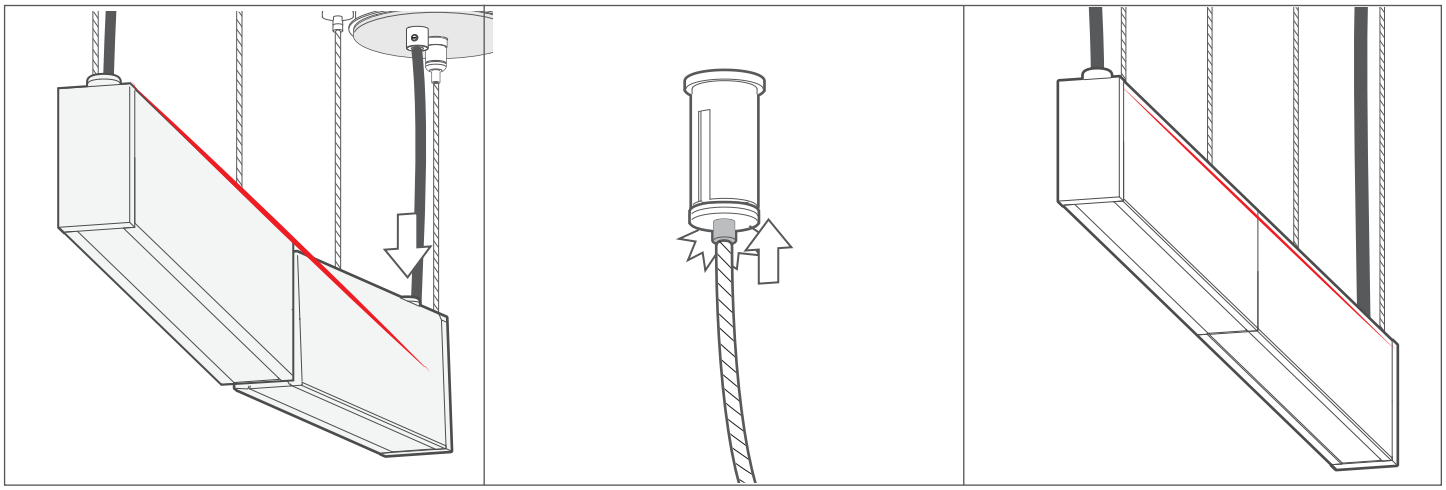



**14. IF MULTIPLE BODIES**
Replicate stepS 1-13A to install secondary body.

**15.**
Butt up both inter sides of fitting.

**16.**
Ensure magnet(L) is touching galvanised plate(K) for correct linear connection.

***NOT APPLICABLE TO GRAZER TUBE LENS***



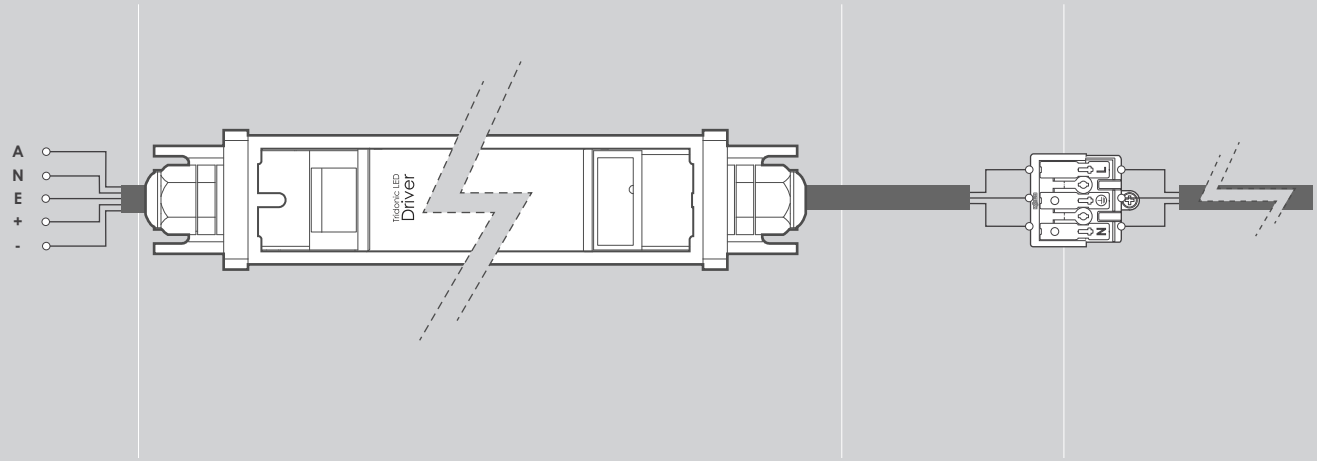
**17.**
Use Laser Plum to ensure fitting is straight and no light bleeds through join.

**18**
Press sprung tip and adjust suspension wire if required.

**19.**
Use laser to confirm bodies are square and levelled correctly.

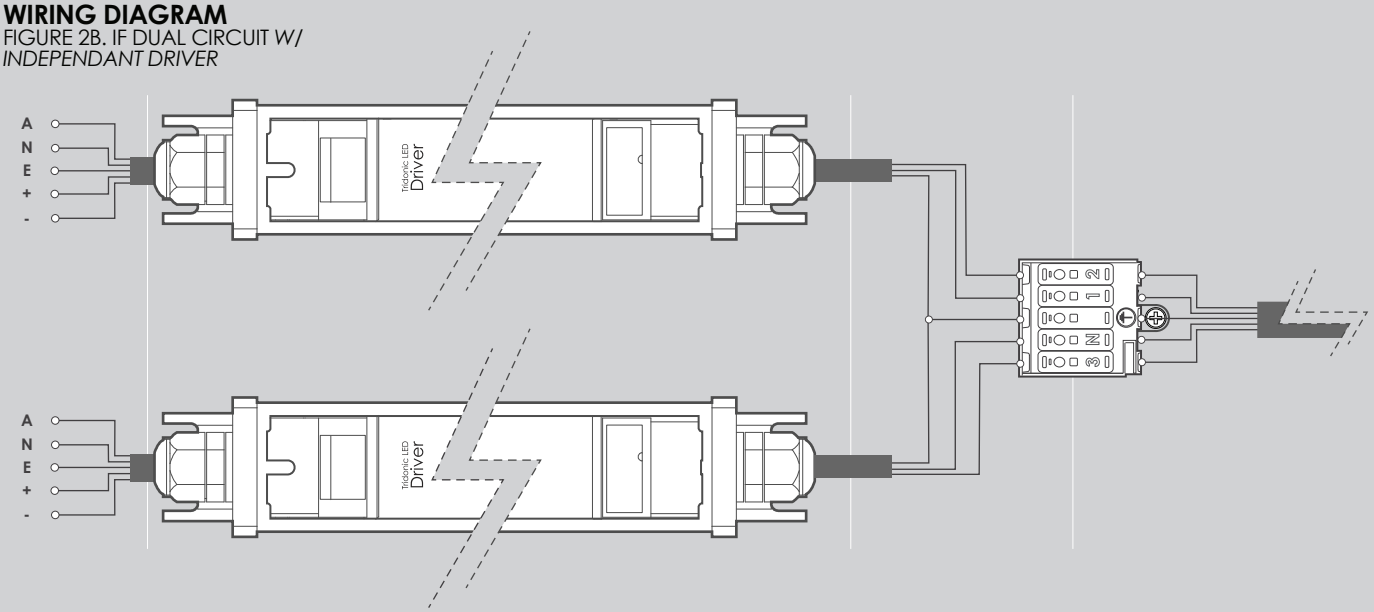
## WIRING DIAGRAM

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




## WIRING DIAGRAM

FIGURE 2B. IF DUAL CIRCUIT *W/ INDEPENDANT DRIVER*




PRIMARY

REMOTE DRIVER

CEILING PLATE

POWERFEED

*FOR OPTIMAL LONGEVITY, ENSURE UNRESTRICTED AIRFLOW OVER LUMINAIRE & REMOTE DRIVER.*
***DO NOT COVER LUMINAIRE OR DRIVER WITH INSULATION. DO NOT STACK DRIVERS.***