



# DTFU



## Installation Instruction

PK-LEAFLETDTFU

Feb 2023 - Rev D



## Whitecroft Lighting Limited

Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX

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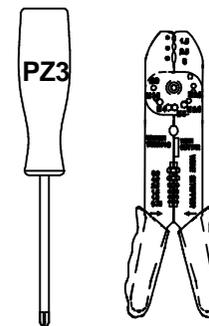
Registered No. 3848973 England Registered Office: As above

### SPECIFICATION

Lamp type	LED
Finish	Body - RAL 9010 / Frame - RAL 9016
Materials	Body - Rigid 0.7 mm mild steel / Frame - Aluminium Diffuser - 3.0 mm Clear Polycarbonate TP(a) rated material Glass - Toughened 4mm
Supply	220-240V AC, 50/60Hz
Operating temp	0-30C°
Connection	1.5mm² input terminal block
Ingress protection	IP65 from front, IP54 from back

**TOOLS NEEDED  
FOR INSTALLATION**

**DO NOT USE  
POWER TOOLS**



### GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) This unit must be EARTHED.
- 3) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 4) Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid
- 5) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
- 6) This luminaire must be isolated from the mains supply before undertaking any maintenance work or attempting access through the luminaire.
- 7) The light source contained in this luminaire shall only be replaced by the manufacturer, a designated service agent or a suitably qualified person.
- 8) Batteries must only be replaced by a qualified electrician once they fail to meet the required duration.
- 9) Dali control cables must be double insulated & have an equivalent rating to the supply cable if applicable.

### TECHNICAL SUPPORT

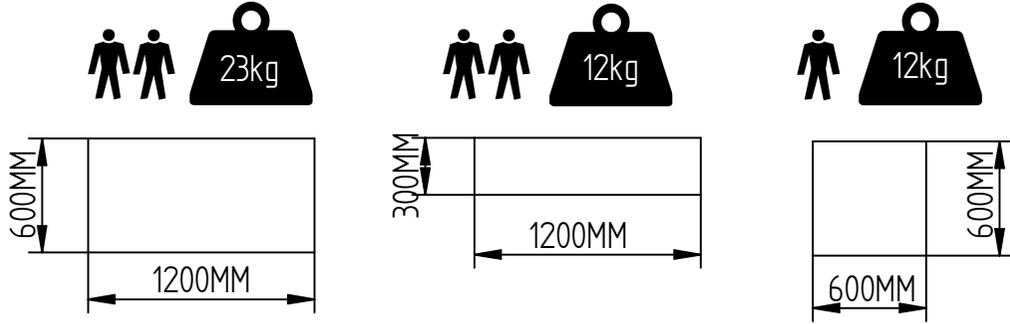
Telephone: 0161 331 5700

Email: [technical@whitecroftlight.com](mailto:technical@whitecroftlight.com)

[www.whitecroftlighting.com/](http://www.whitecroftlighting.com/)

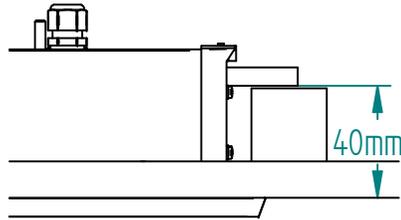
**1. PREPARE CEILING APERTURE**

CHECK WEIGHT RATING OF CEILING PRIOR TO INSTALLING FITTING – REINFORCEMENT OF CEILING OR FITTING MAY BE REQUIRED. FOR GRID CEILINGS FITTING MUST BE CLAMPED ON MAIN RUNNERS. FOR SPRING T USE CORRECT SIZE RECESSING PANEL (SOLD SEPARATELY).



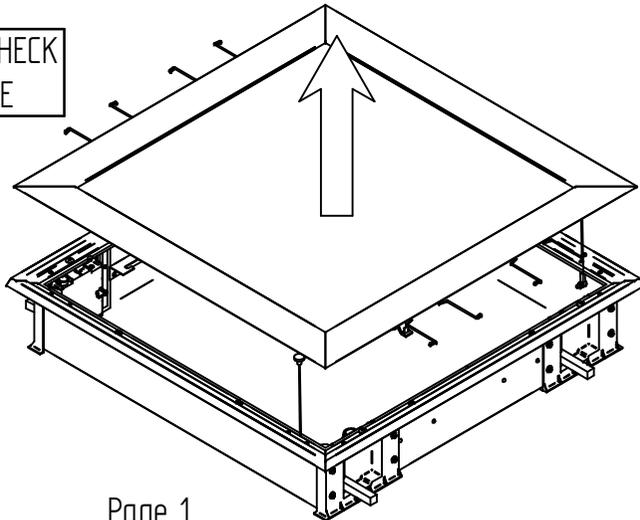
PLASTERBOARD APERTURES SHOULD BE RE-INFORCED WITH BATTENS TO A MINIMUM CEILING THICKNESS OF 40MM (MAX CLAMPING HEIGHT 70MM)

NOMINAL SIZE	CUT APERTURE
600X600	573X573 +/-3MM
1200X600	1173X573 +/-3MM
1200X300	1173X273 +/-3MM



**2. UNPACK FITTING AND CHECK CONTENTS FOR DAMAGE**

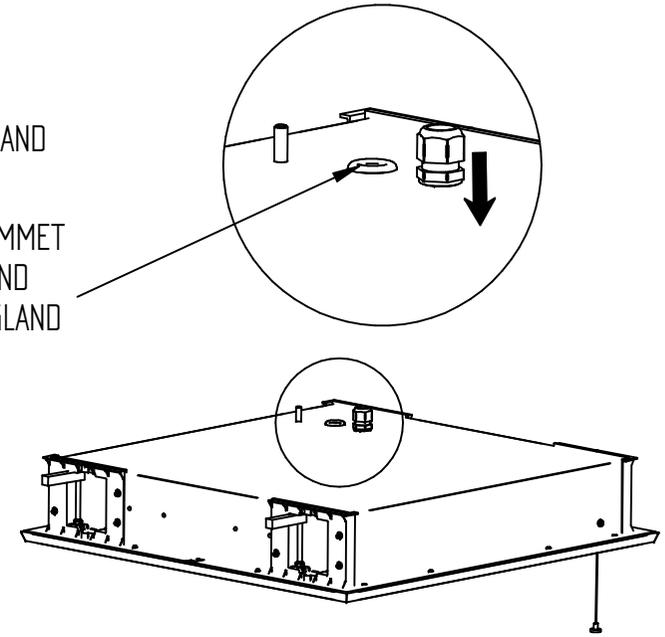
LIFT OUT INNER FRAME AND SET TO ONE SIDE. ENSURE OPTICAL SURFACE IS PROTECTED.



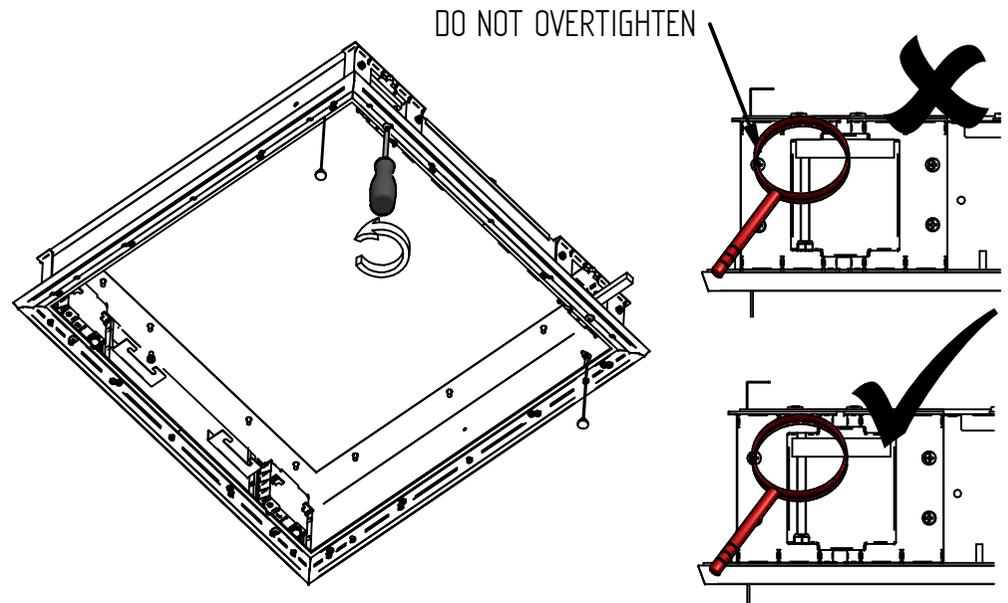
**3. PREPARE CANOPY**

FEED SUPPLY THROUGH GLAND

IF REQUIRED REMOVE GROMMET FOR ADDITIONAL WIRING AND REPLACE WITH SUITABLE GLAND (SUPPLIED BY OTHERS)

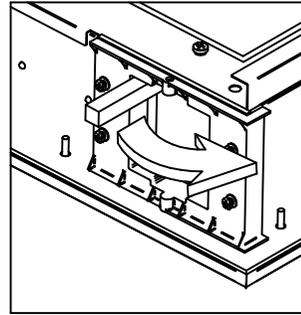
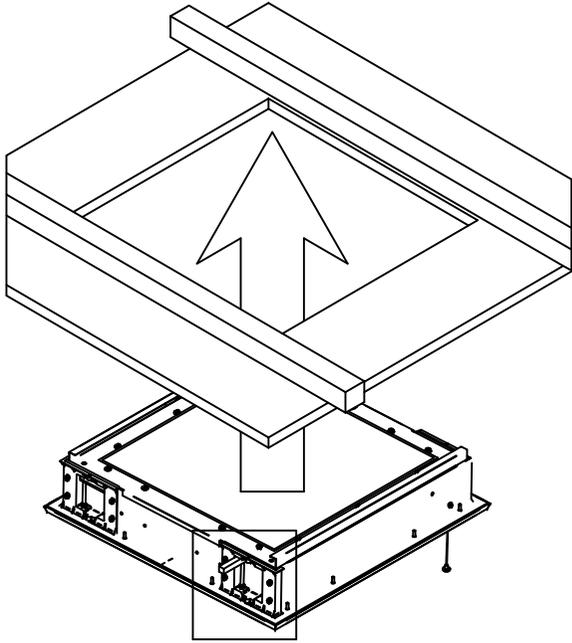


SCREW BRACKETS ANTI-CLOCKWISE TO RAISE TO REQUIRED CEILING HEIGHT



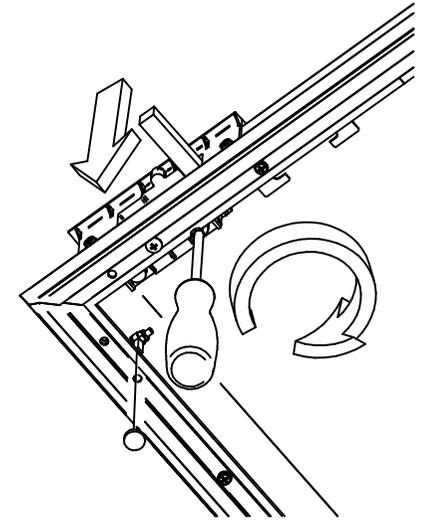
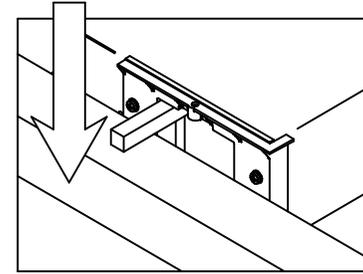
DO NOT OVERTIGHTEN

4. INSTALL CANOPY



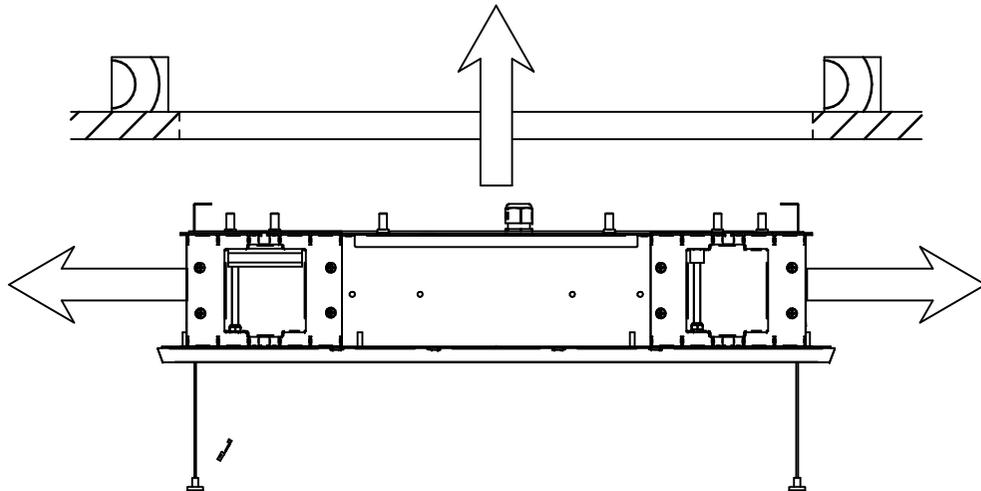
FOLD IN SWING BRACKETS BEFORE MOUNTING INTO CEILING.

SCREW BRACKETS CLOCKWISE TO TIGHTEN TO CEILING. DO NOT OVERTIGHTEN. THIS WILL CAUSE DAMAGE TO SEALING WASHERS.

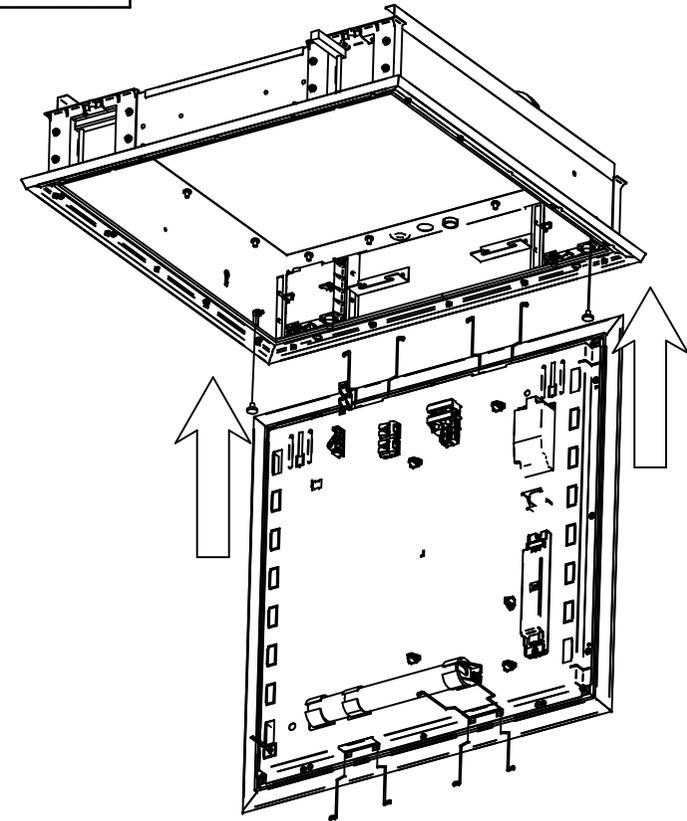
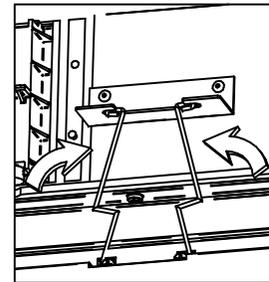


5. ATTACH INNER FRAME ASSEMBLY

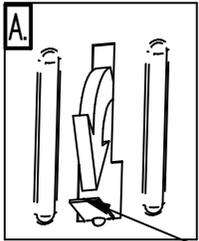
CENTRE IN APERTURE BEFORE TIGHTENING.



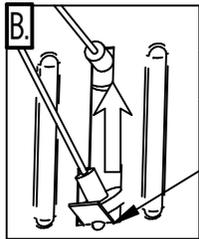
PINCH SPRING TO FIT TO INTERNAL BRACKETS



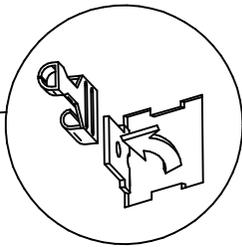
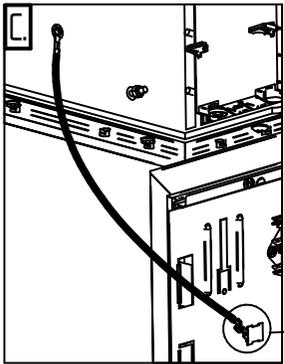
6. FIT SAFETY CORDS AND EARTH WIRE



FOLD OUT TAB

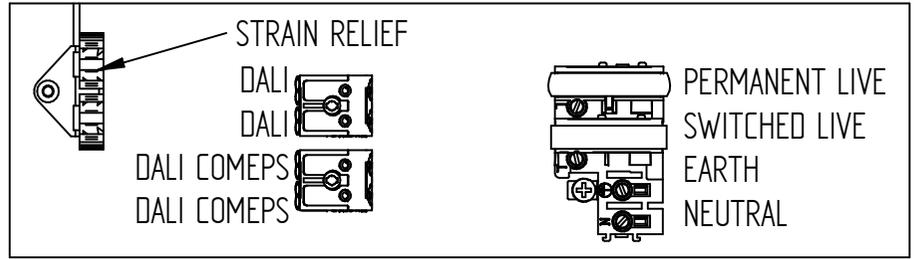


AFTER INSERTING SAFETY CORD, FOLD TAB BACK DOWN TO SECURE

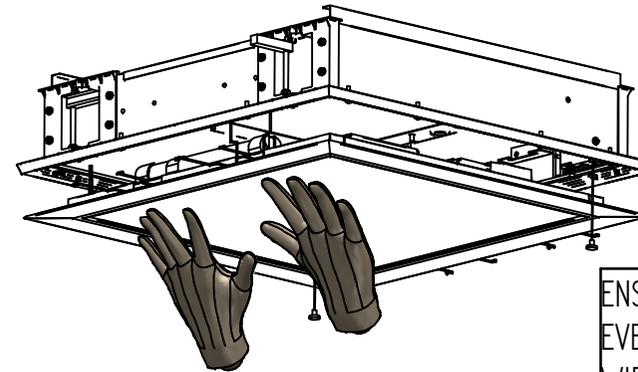
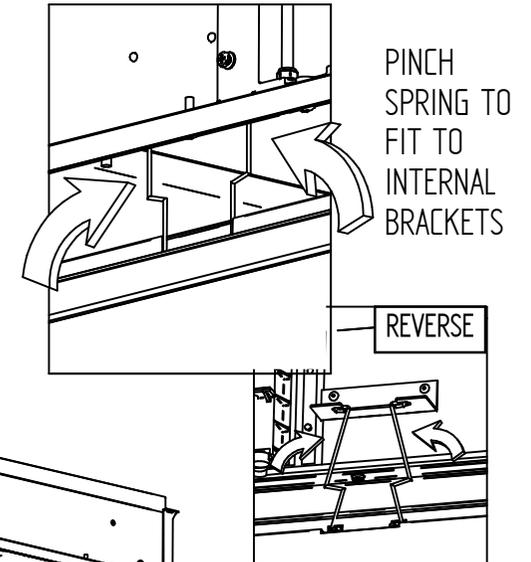
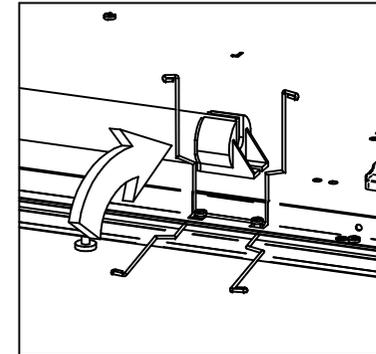


FOLD OUT TAB ON GEAR TRAY AND ATTACH SPADE TO EARTH CANOPY

7. CONNECT POWER AND DATA



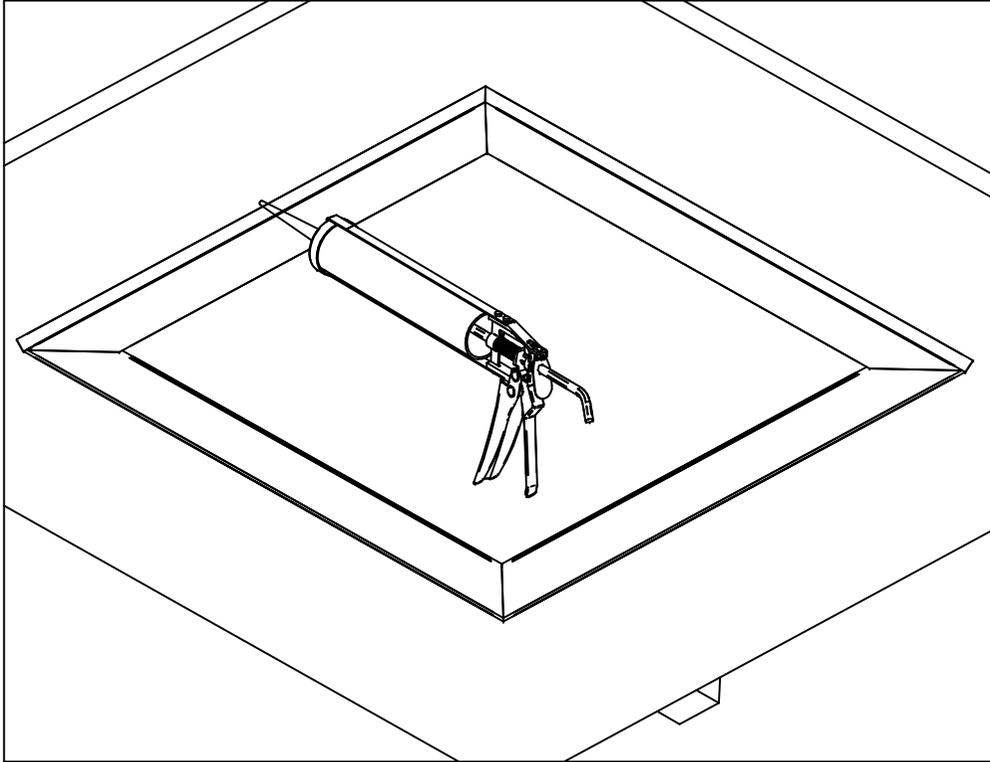
8. SEAL INNER FRAME



ENSURE INNER FRAME SITS EVENLY IN OUTER AND NO WIRES ARE TRAPPED

9. SEAL OUTER FRAME TO CEILING

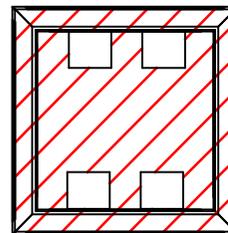
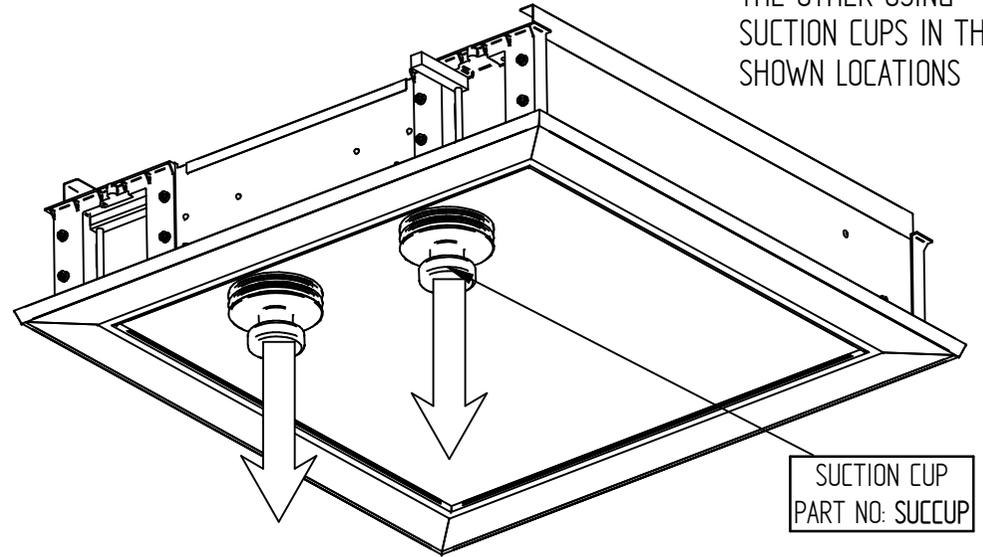
IF REQUIRED FOR UNEVEN SURFACE APPLY SUITABLE SEALANT AROUND OUTER FRAME (SEALANT SUPPLIED BY OTHERS)



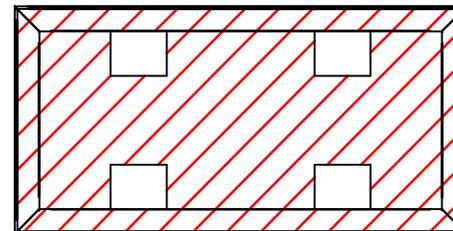
MAINTENANCE -  
REMOVE INNER FRAME

ISOLATE THE LUMINAIRE FROM THE MAINS SUPPLY

DROP ONE SIDE THEN  
THE OTHER USING  
SUCTION CUPS IN THE  
SHOWN LOCATIONS



ENSURE SUCTION CUPS ARE PLACED ON DIFFUSER  
NOT ALUMINIUM FRAME - 2X SUCTION CUPS  
REQUIRED FOR ALL SIZES



AVOID PULLING IN THE HATCHED  
AREAS - THIS MAY CAUSE THE FRAME  
TO BEND. IDEAL PLACEMENT OF  
SUCTION CUPS IS DIRECTLY BELOW  
SPRINGS.

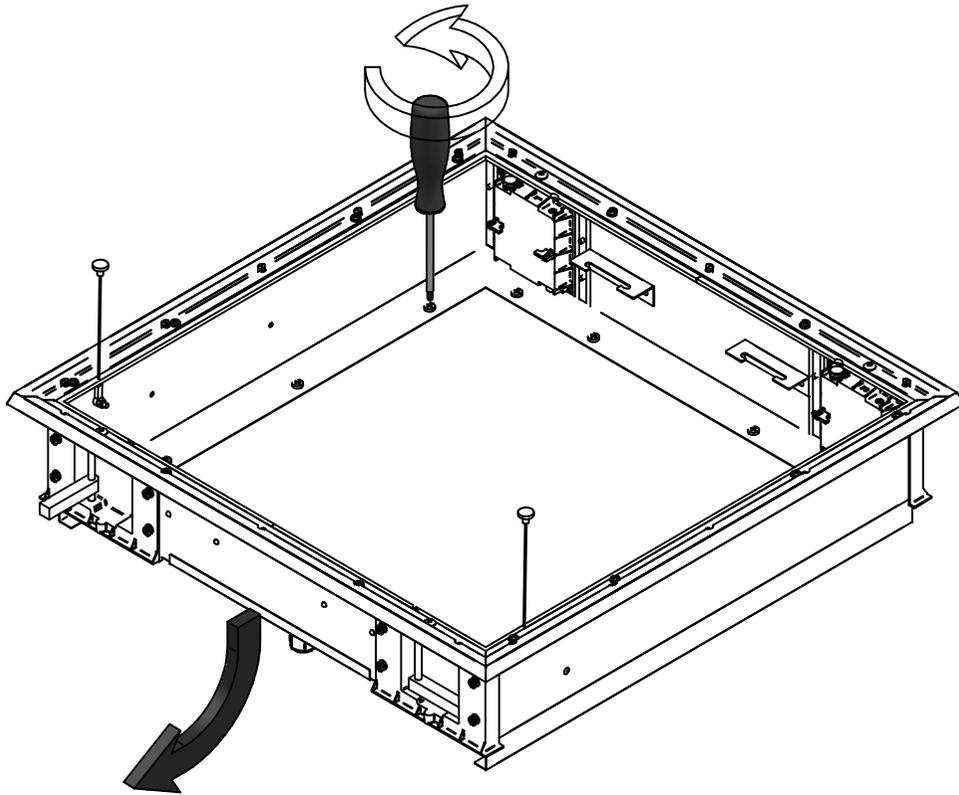
MAINTENANCE -  
THROUGH ACCESS

ISOLATE THE LUMINAIRE FROM THE MAINS SUPPLY

REMOVE M5 SCREWS FROM CANOPY TO RELEASE BACK PANEL.

STORE SCREWS SAFELY FOR RE-ATTACHING.

LIFT AND HINGE PANEL TO ONE SIDE WHILST CAREFULLY  
FEEDING CABLES THROUGH LID HOLE.



MAINTENANCE - BACK  
ACCESS

ISOLATE THE LUMINAIRE FROM THE MAINS SUPPLY.

REMOVE M5 SCREWS FROM CANOPY TO RELEASE BACK PANEL.

STORE SCREWS SAFELY FOR RE-ATTACHING.

LIFT & HINGE PANEL TO ONE SIDE WHILST CAREFULLY FEEDING  
CABLES THROUGH LID HOLE.

