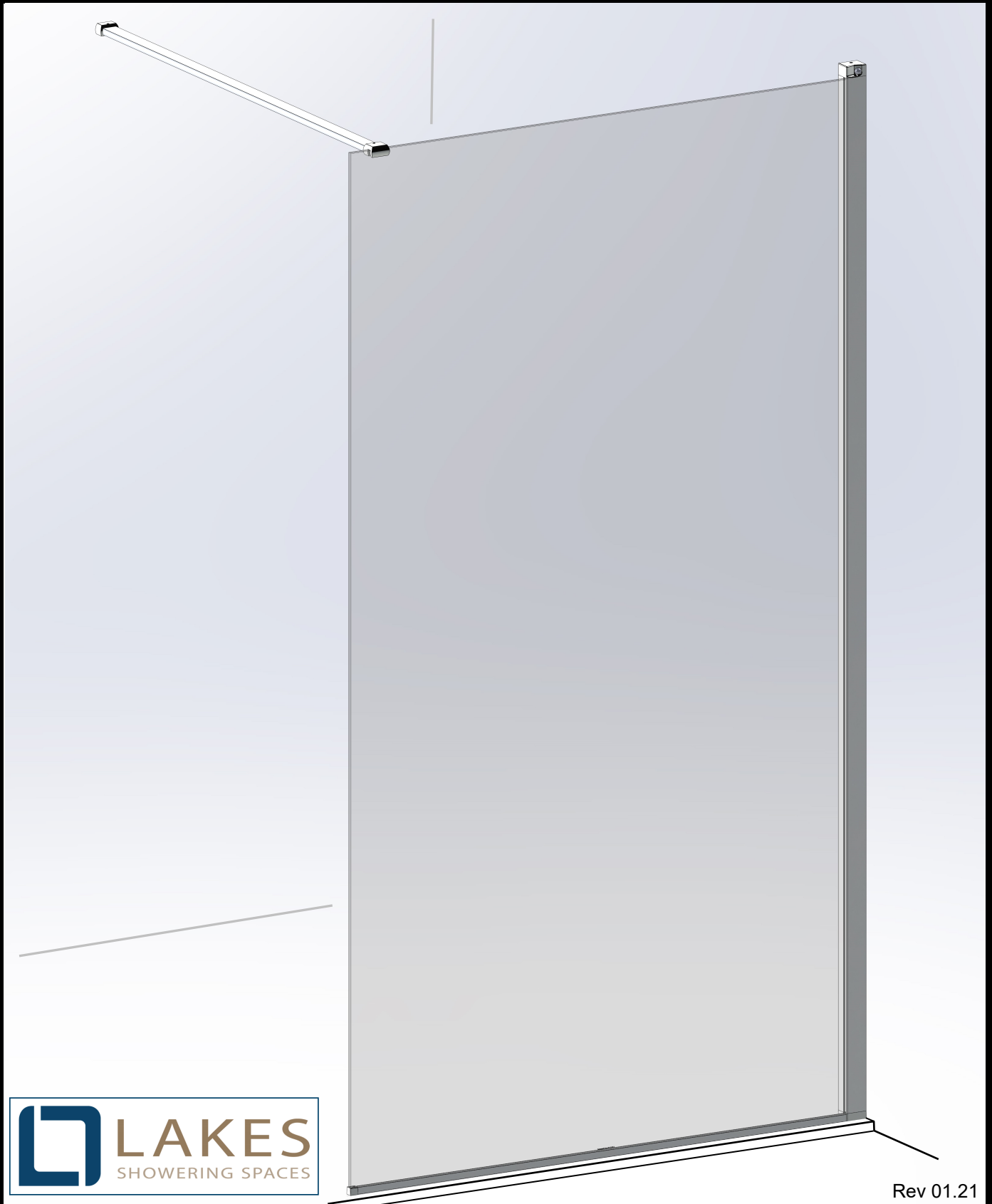


# Ambient Illuminated Shower Screen

## Installation & Maintenance Instructions



**IMPORTANT NOTES :** Please Read Carefully & retain these instructions for future reference.

1. For ease & safety we advise that two persons assemble this product.
2. Protect shower tray surfaces at all times.
3. Exposed glass corners / edges **MUST NOT** contact hard surfaces at any time.
4. Check for cables, pipes etc before drilling walls.
5. Ensure all surfaces are dry, clean & free of loose debris / dust.
6. Unpack goods with care (small parts can become lodged in packaging & inadvertently discarded). Check parts supplied against parts & fittings listed herein. Damaged parts / omissions may be resolved by calling Lakes Helpline.
7. Whilst precautions are taken in manufacture, care must be taken when handling as rail ends may have sharp edges.
8. Before commencing, check :
  - a) shower tray (or base) is level & completely sealed to finished / tiled walls.
  - b) finished walls are sound & free of cracks, loose tiles / grout.
9. After installation, do not 'wet' enclosure for 48 hours to ensure full cure of silicone sealant.

## **USE :**

### **General Care & Maintenance.**

Provided this product is installed & operated in accordance with these instructions, problems should not arise. However should maintenance be required it should be carried out by a competent person with reference to these instructions. Before any work is carried out the root cause of the problem must be identified. Service engineers are available if necessary to consult / carry out remedial work. Call HELPLINE.

### **Cleaning.**

(Every one to two weeks depending on local water hardness conditions).

All glass panels in this product have a hydrophobic coating aiding 'runoff' of water droplets, reducing the need for frequent cleaning. For best appearance / product life however, regular cleaning is recommended. Use **ONLY** mild soap / detergent solutions to clean. Rinse with water, squeegee glass panels & wipe frames dry with a soft cloth. Under no circumstances should abrasive, caustic or scouring products be used. **DO NOT** use 'spray & leave' type cleaning products. Non compliance with these instructions may cause decorative finishes to deteriorate & could adversely affect safe operation of the enclosure. Limescale ~ should a build up of limescale occur, remove using a 50:50 solution of white vinegar & water applied with a soft cloth & rinsed / dried thoroughly afterwards.

### **Daily Care.**

To prevent the build up of limescale, do not allow water droplets to dry on glass or frames. After showering, rinse with water, remove droplets from glass with a squeegee & wipe frame with a soft cloth.

### **Customer Service.**

Quality Guarantee : Lakes Bathrooms Ltd guarantee Shower Doors & Enclosures against any manufacturing or material defects as follows:

For electrical elements - LED strip, PIR, Driver, cables & connectors - **2 YEARS** from purchase.

For mechanical elements (wall profile / glass / bracing etc) - for the **LIFETIME** of the product.

We will resolve defects free of charge by repairing / replacing parts as we feel necessary.

To be 'free of charge', servicing must be carried out by approved agents.

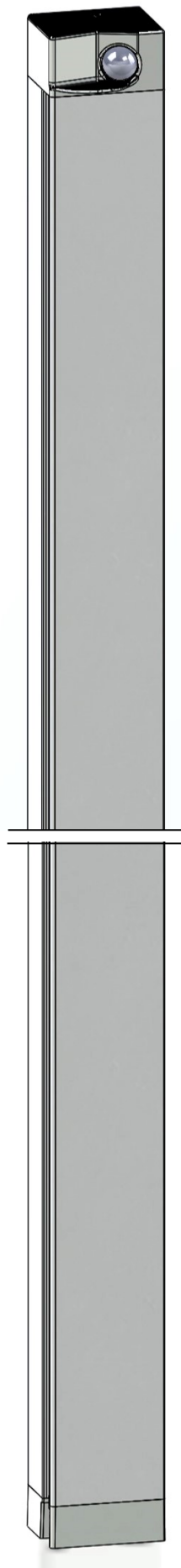
Not covered by this guarantee : Damage or defects that result from improper installation, improper use, or lack of maintenance (including limescale buildup). Damage or defects that result from repairs / modifications undertaken by unauthorized persons. This guarantee is in addition to statutory & other legal rights.

What to do if something goes wrong : Should the product not function correctly on initial use, firstly, contact the installer to check that unit installation & commissioning are in accordance with these instructions. Should this not resolve difficulties or should performance decline, consult 'Troubleshooting' section to see if simple home maintenance is needed. Alternatively our HELPLINE staff can assist, or if necessary arrange for a service engineer to visit.

Spares : We maintain extensive spare part stocks. Spares can be ordered / purchased from your retailer in the first instance. Parts will normally be dispatched within two working days from order placement.

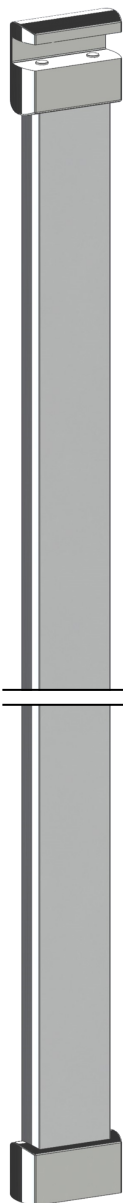
SUPPLIED PARTS : 2 boxes.

Box 1 : Illuminated Wall Mount Kit (RH shown)

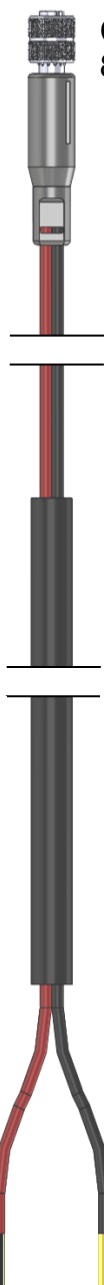


Wall Mount sub assy...1x  
comprising:

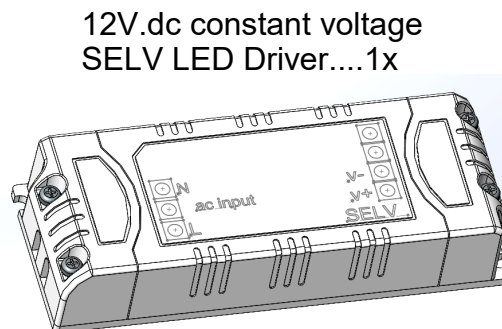
- a. Wall mount 869-05...1x
- b. Buffer 869-10...2x
- c. Cable guard 869-07...2x
- d. Base RH 869-12...1x OR Base LH 869-11...1x
- e. PIR & LED assy RH 869-DR...1x OR LH 869-DL...1x
- f. CSK self tapping screw F245...2x



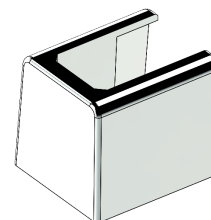
Bracing Bar Kit  
W8-052...1x



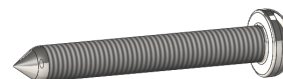
Cable Assy  
869-C...1x



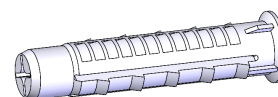
12V dc constant voltage  
SELV LED Driver...1x



Trim End Piece  
866-001...1x



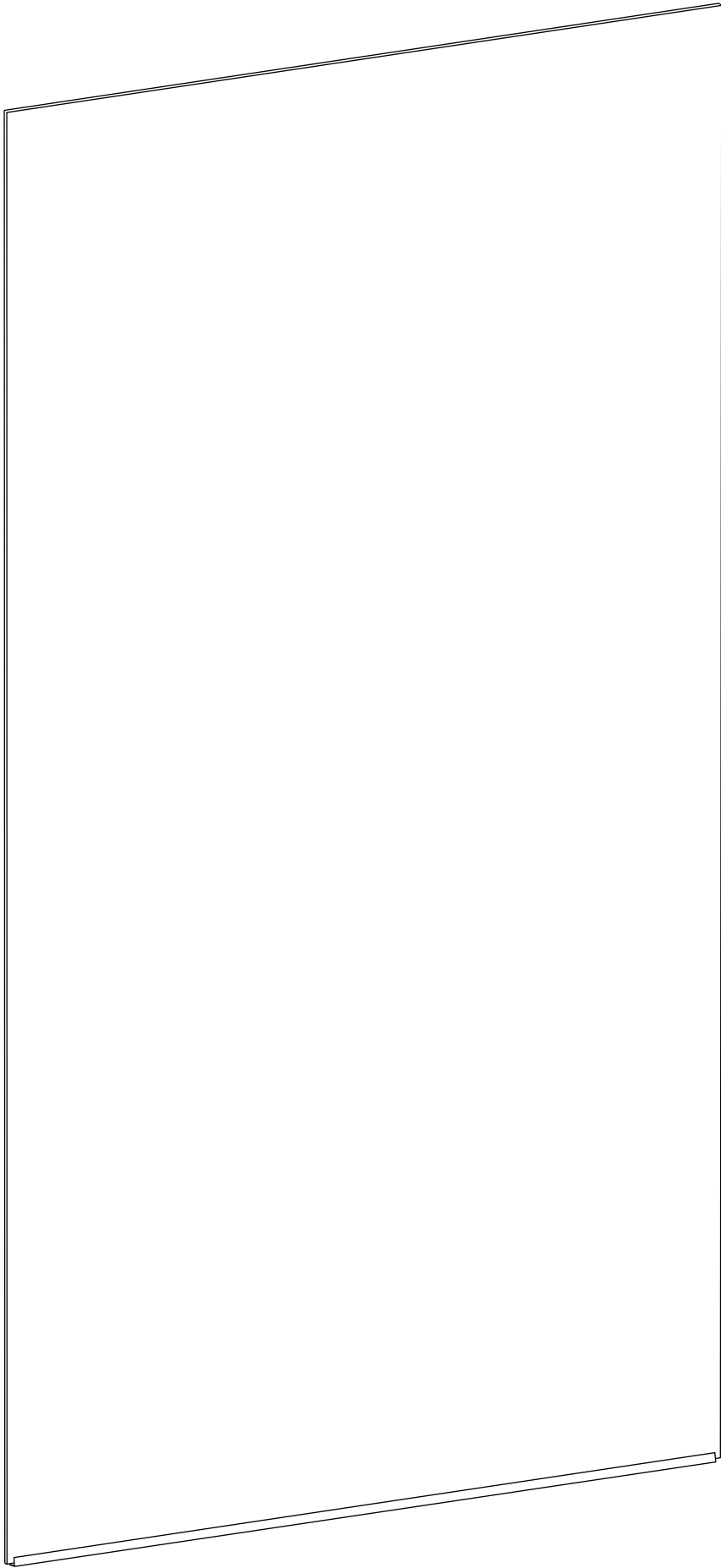
F006 4mm (No8) x 30 long Pozi  
pan head self tapping screw...3x



F235 Wall Plug 6mm x  
35mm long (No8 screw)...3x

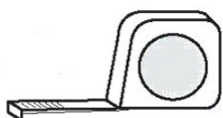


SUPPLIED PARTS :  
Box 2 : Glass & Bottom Trim





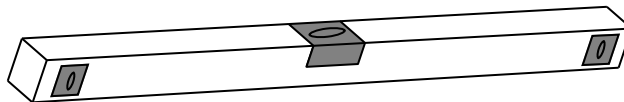
## Tools required



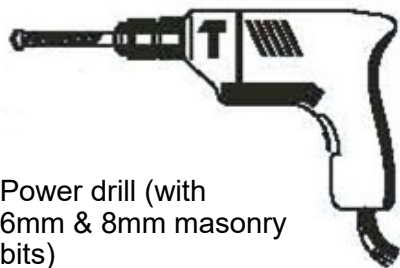
Tape Measure



Pencil



Spirit Level (with vertical 'bubble')



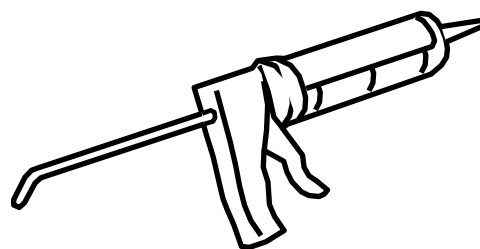
Power drill (with  
6mm & 8mm masonry  
bits)



Pozidriv Screwdriver



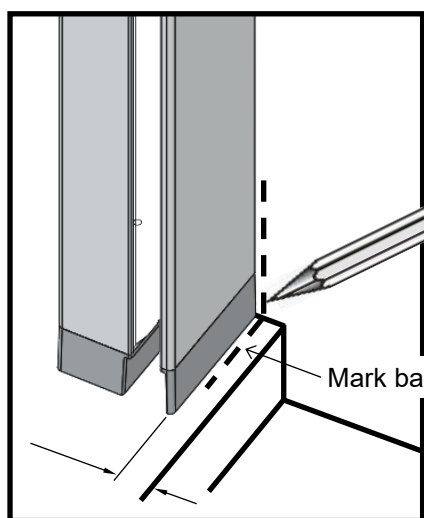
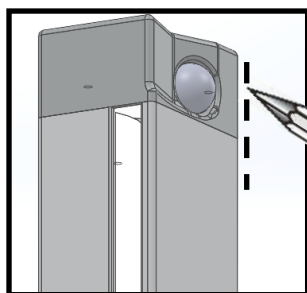
Hacksaw



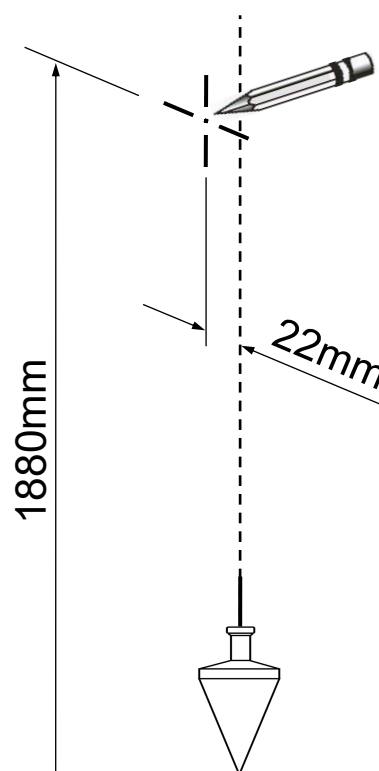
Good quality silicone  
sealant & applicator

## Setting Out & Cable Installation

With tray/base installed in final position, and BEFORE applying tiles/wallboards, offer wall profile (glass slot forward) into desired position relative to front edge, ensure plumb, & mark front line of wall profile onto wall. Then carefully measure & mark large + positioned as shown (cable/wall exit point). Offer back face of wall profile to the + to confirm position.

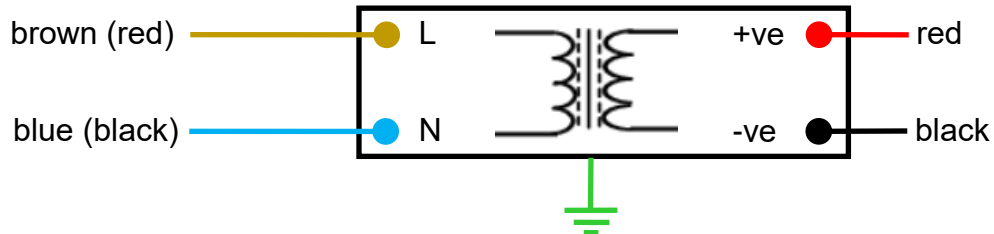


Mark base also !

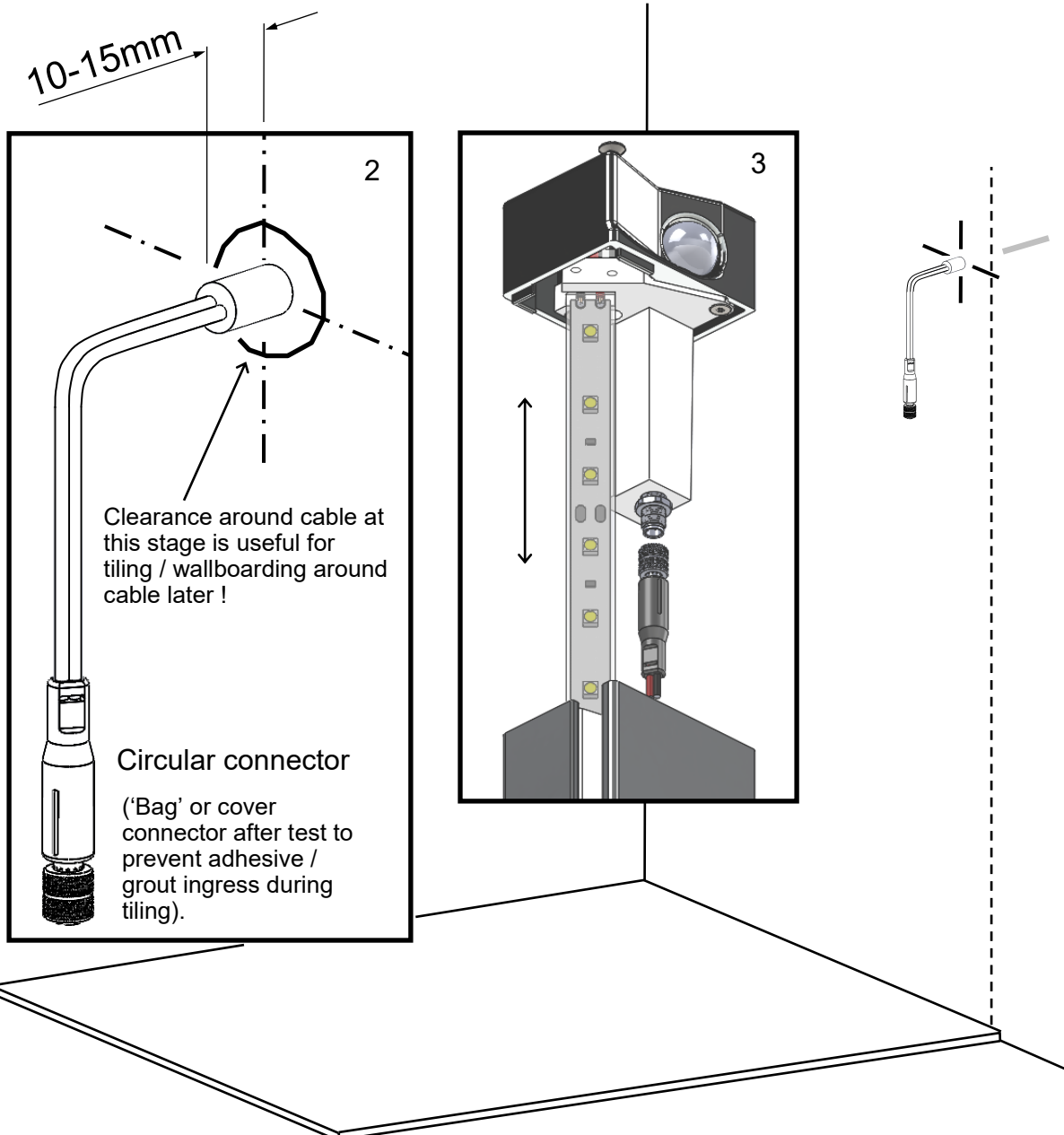


**Cable Installation : MUST BE CARRIED OUT BY QUALIFIED ELECTRICIAN.  
ONLY USE THE SUPPLIED DRIVER/TRANSFORMER.**

1. Determine preferred operation (mains only, switched with or independent of lights) & site for SELV driver/transformer (supplied cable is 3m long).
2. Install cable such that outer (5mm) sheath protrudes from bare wall by 10-15mm as shown. Chase cable into wall / ceiling as necessary & route to designated 240V AC serviceable feed in accordance with IEC wiring regs. Connect 12V DC SELV driver/transformer & ENSURE 100MM AIR SPACE ALL AROUND TO PREVENT OVERHEATING.

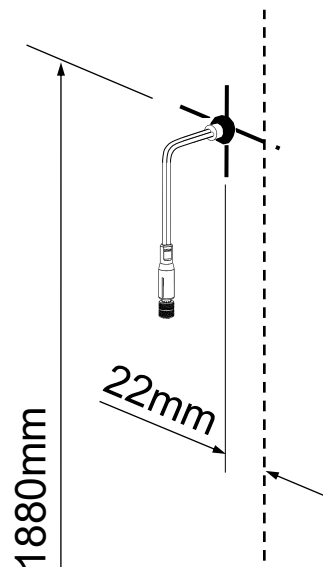
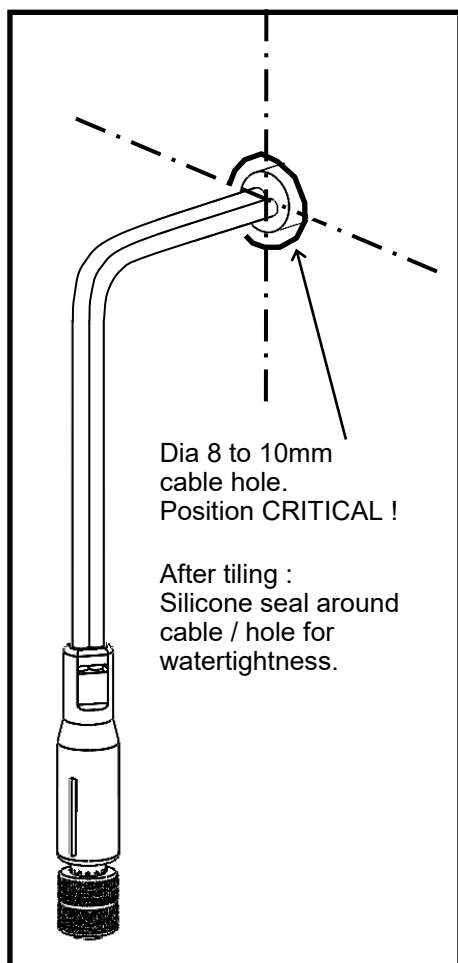


3. Unscrew PIR cap from wall profile, lift until connector is accessible, connect & check illumination. Disconnect, & taking care of LED strip, refit PIR cap, then suitably protect the cable connector from ingress of plaster, tiling adhesive etc.
4. Make good for subsequent wall tiling / wall boarding.



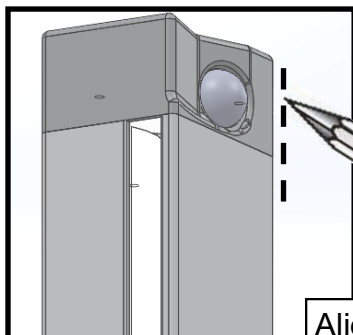
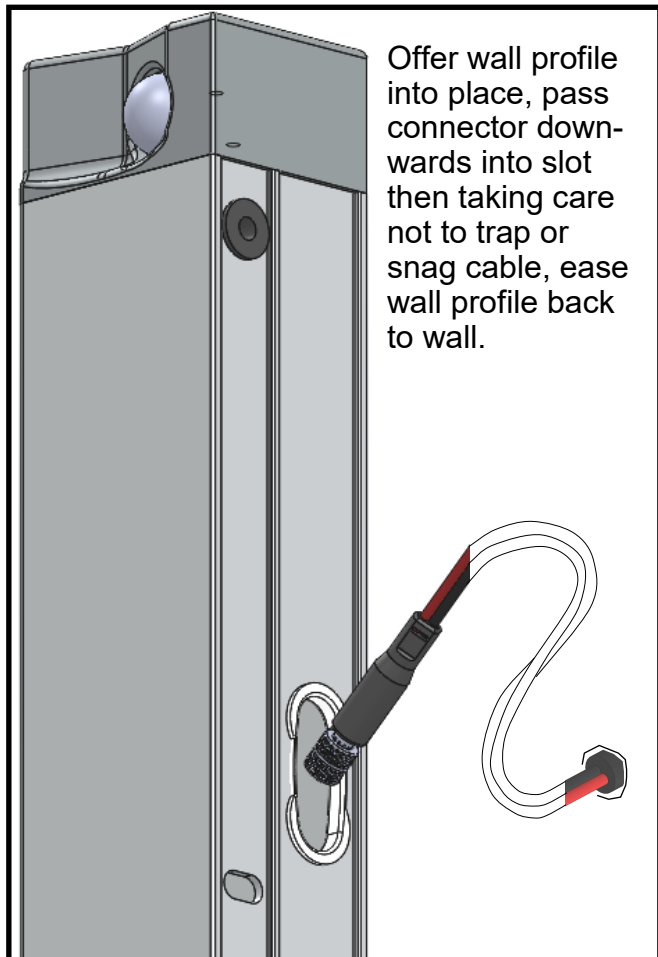
## Tiling / Wallboarding.

From original + on wall, tile / wallboard to be made with 8-10mm dia hole.  
Pass cable through on affixing, ensuring no snagging / cutting of cable.

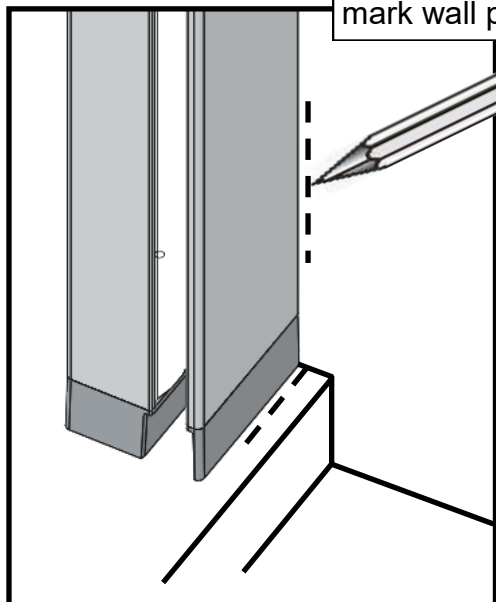


After tiling/wallboarding, per makers instructions, ensure all tray/base to wall & wall to wall joint lines are sealed with continuous silicone sealant bead (indicated - - - - ).  
Allow to cure fully before continuing.

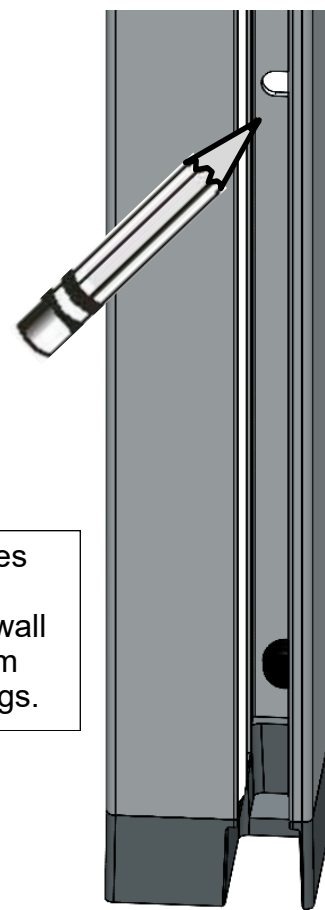
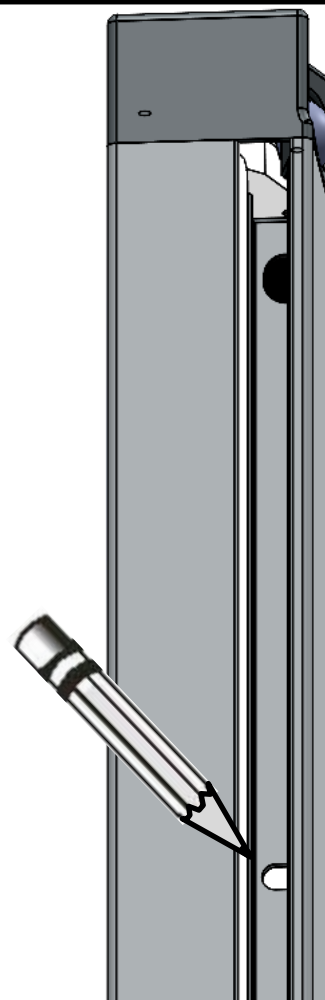
## Wall profile fitting :



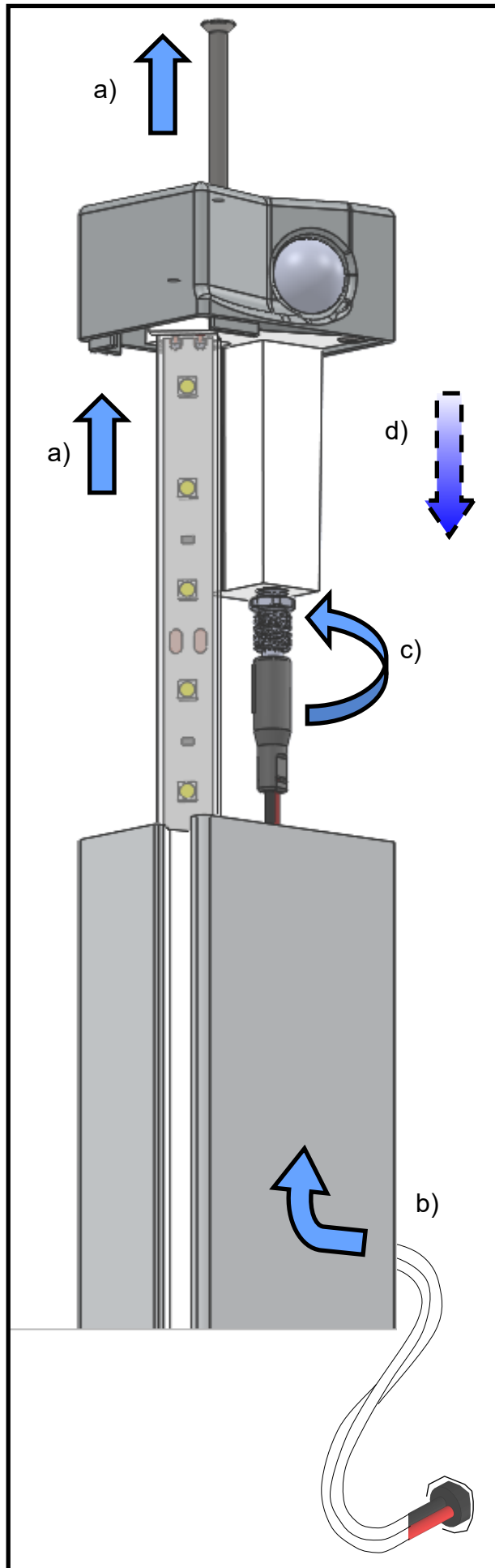
Align to original base front line, plumb, & mark wall profile front



Mark 3x slot centres (for wall screws). Carefully remove wall profile, drill 3x 6mm holes & fit wall plugs.



Wall profile fitting (continued) :



a) Unscrew PIR cap from wall profile, lift PIR cap (housing & LED strip) upward until housing connector is approx. 50mm (2") clear of wall profile. Offer wall profile into place.

b) Pass connector upwards through slot & pull gently out from top whilst easing wall profile fully back to wall (keep light tension on cable to ensure no snagging).

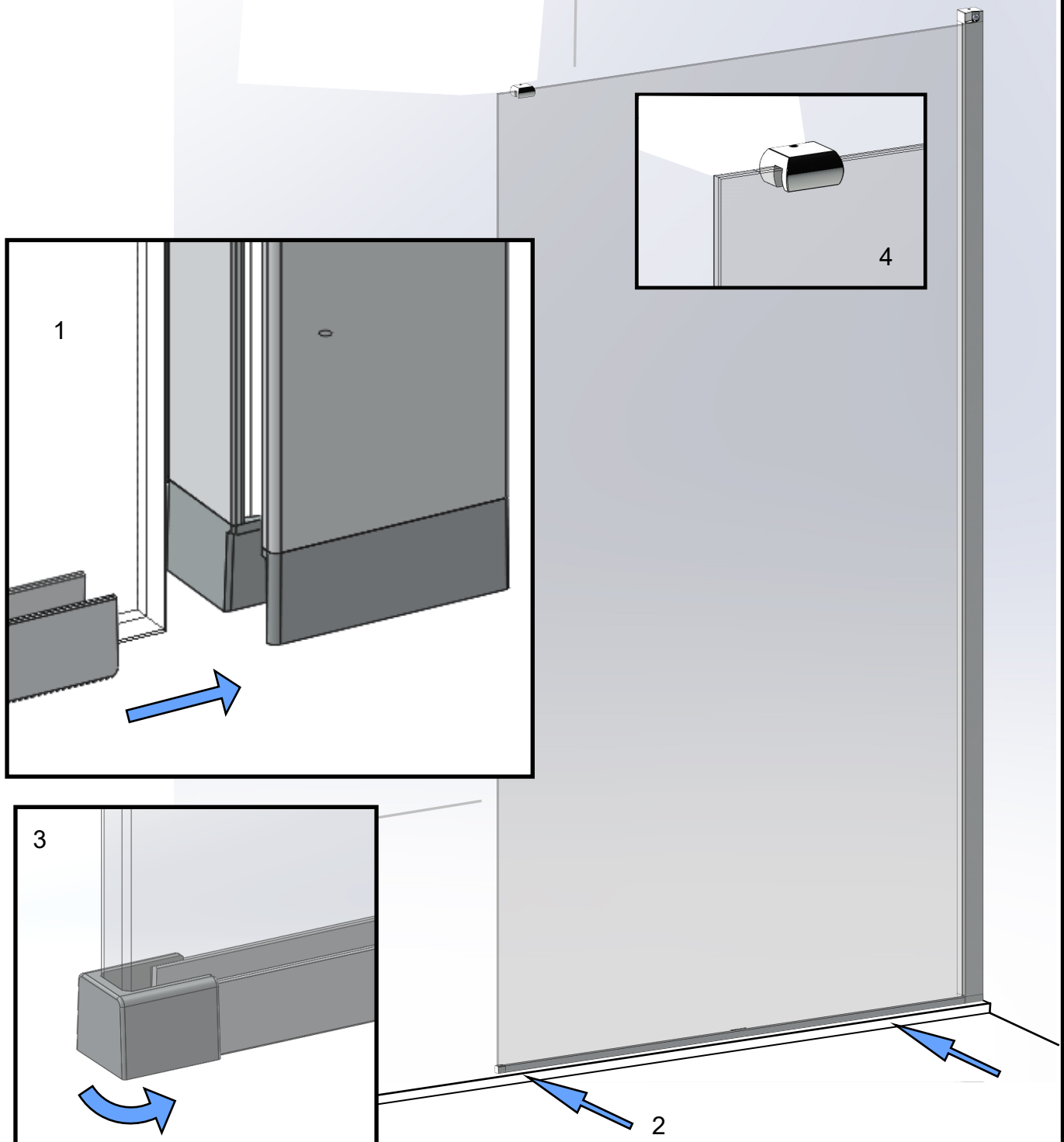
c) Align & connect circular connector to base of housing, &

d) taking care to avoid damage, ease the LED strip & cable wires down into wall profile until cap is fully seated to wall profile.

Affix wall profile to wall with 3x screws.

Refit / tighten top cap screw.

Glass & bottom trim, Trim end piece & glass clamp :



1. Stand glass + bottom trim on base adjacent to wall profile. Dampen edge of glass with water / soapy water (or alternatively, light application of CLEAR silicone grease) & push into wall profile (Adjust for width if necessary (push in / pull out).

NOTE:

FULL WIDTH & HEIGHT GASKET CONTACT IS REQUIRED AS MINIMUM ENGAGEMENT.

2. Ensure bottom trim & tray (base) front edge are parallel.

3. Apply 'dab' of clear silicone sealant to glass slot of Trim end piece, push fully under & upto glass edge as shown.

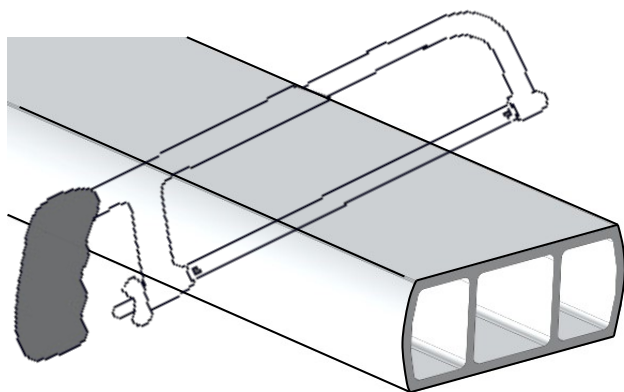
4. Fit & lightly tighten glass clamp in desired position at top of glass.

### Bracing :

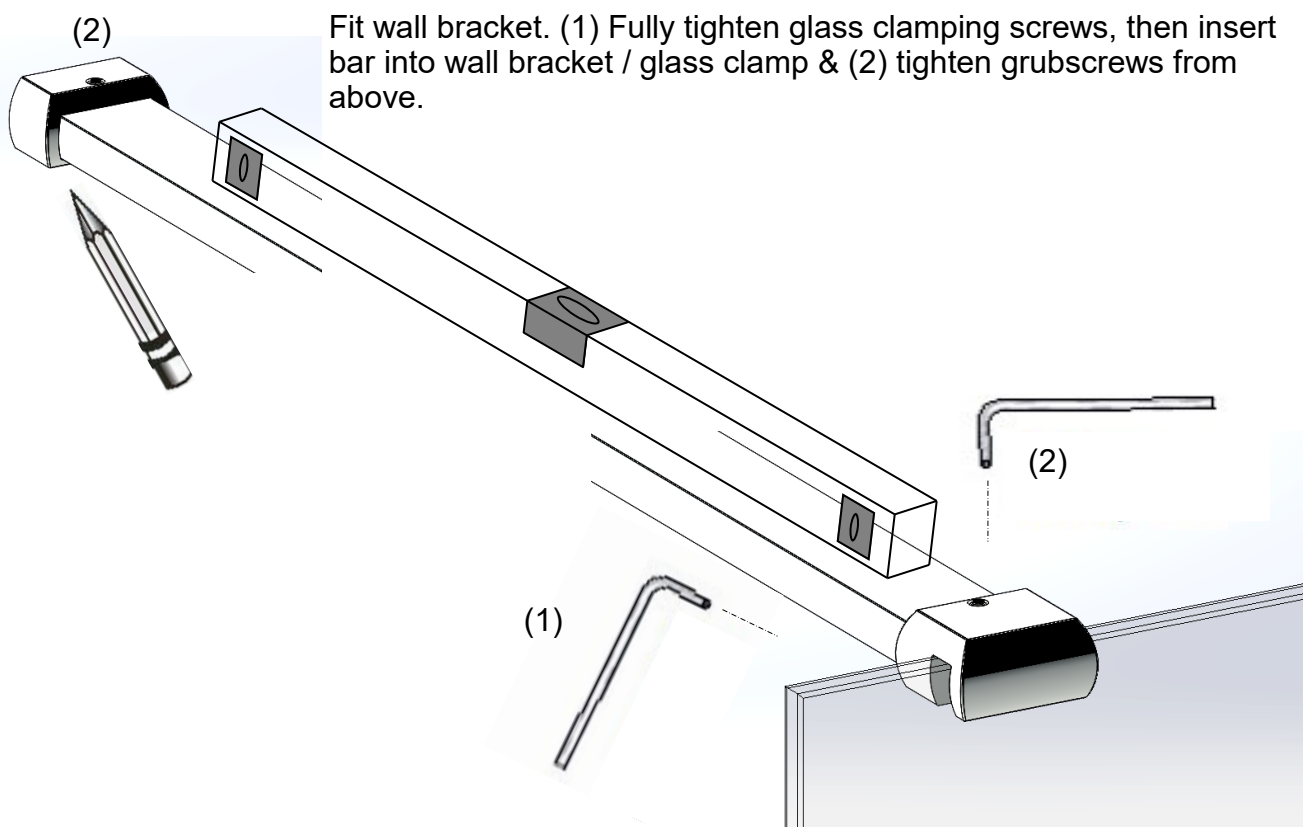
Check glass is plumb, & (adjacent to glass clamp) measure between back wall & glass (D).



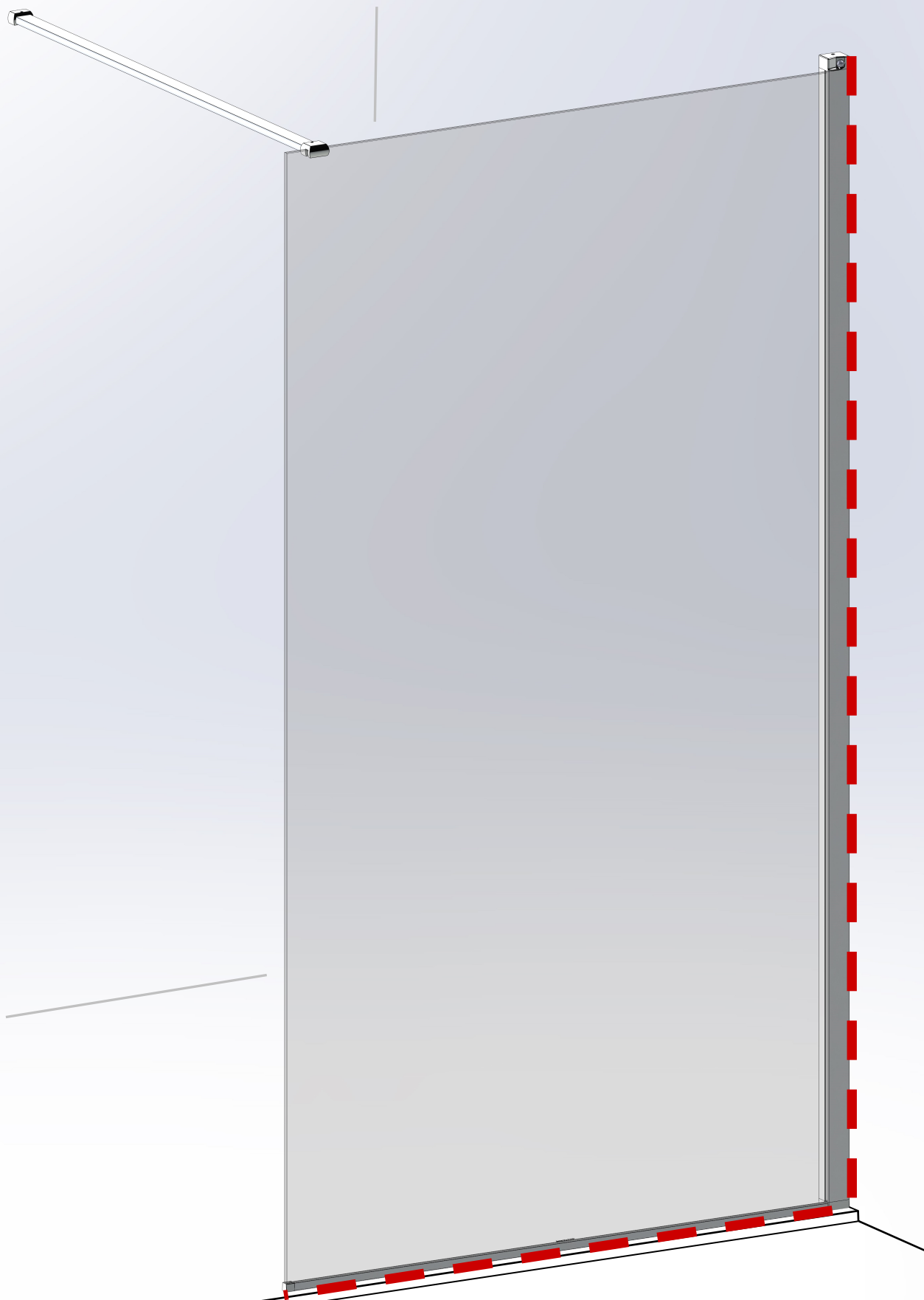
Using hacksaw, cut bracing bar (bar only) to D -10mm.



Offer complete bracing bar into position, check level & mark wall bracket position. Remove bar, offer wall bracket only to wall. Mark, drill & plug wall holes.



Sealing :



Use of good quality silicone sealant & cleaning / degreasing of all joint areas is recommended.  
Apply continuous silicone sealant bead EXTERNALLY as shown.  
INTERNALLY, apply continuous silicone sealant bead full height of wall profile to wall.  
**DO NOT SEAL INTERNAL HORIZONTALLY !**



## BASIC TROUBLESHOOTING :

Illumination fails, or is intermittent :

The illumination of this enclosure is PIR (proximity) sensor controlled, the PIR lens is situated at the top front of the wall profile : Enclosure will remain illuminated for approx. 3 minutes after user 'clears the sensing' area (usually on leaving the room).

Illumination may fail if the PIR lens is covered or otherwise obscured, do not cover, & ensure it is cleaned regularly.

Intermittent illumination : Unscrew top cap & carefully lift housing (see pg 9) until connector is accessible, & check the coupling nut is tight.

If the above does not rectify illumination problems, a qualified electrician should be consulted to check for wiring or driver/transformer faults.

If a problem still persists, consult Lakes Helpline for advice, service & spares.

Leakage :

The sealing method described in these instructions relies on a continuous seal being applied between shower walls & tray before installing the enclosure (see fig A), it ensures a watertight seal around the perimeter of the enclosure to the shower walls & tray.

In the unlikely event of an enclosure leak, water will be visible on the outside of the enclosure itself, or around the perimeter joints ONLY. Water / moisture appearing outside this area (ie at floor level) is normally due to incorrect tray installation.



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