Save The Environment
KRUT LED
Save Power
TM

Commercial &
Industrial Lighting

LED BACKLIT MIRROR

30″ x 30″ - 21W
36″ x 36″ - 60W
36″ x 48″ - 66W
30″ x 42″ - 51W
40″ x 40″ - 60W
28″ x 40″ - 50W
42″ x 42″ - 60W

24″ x 36″- ADA 40W
30″ x 40″ - ADA 60W

LED BACKLIT MIRROR

KLAT VML XXYY

DESCRIPTION:

this unique designed, backlit mirror withregular G13/two pin ELD T8 lamps makes them failure free. Used in hotel, motel, resorts, casino apartment complexes. There is no component on the back of the frame and no parts to be maintaiend. Easy and quick to repalce lamp. T8 are rated for 50,000 hours and doesnt fail very often. all four lamps works on independant power, so it want make mirror completely dark/ lighless.

APPLICATIONS:

Apartments, House, Common Spaces

SPECIFICATION FEATURES

CERTIFICATION:

UL

WARRANTY:

5 Yrs on Lamps & 2 Yrs on Mirror

INSTALLATION / MOUNTING:

Wall mounting bar/Mounting Rail

ORDER INFORMATION

Product code: KLAT VML XXYY

KL	AT	VML	XXYY
KL	AT	VANITY MIRROR LIGHTINGS	30″ x 30″ 28″ x 40″ 36″ x 36″ 42″ x 42″ 36″ x 48″ 24″ x 36″ 30″ x 42″ 30″ x 40″ 40″ x 40″

PRODUCT DIMENSIONS

MODEL NO.	DIMENSION (In)	WATTAGE	TUBES NEEDED
KLAT-VML3030	30″ x 30″	21W	2(Tubes) x10.5W
KLAT-VML3636	36″ x 36″	60W	4(Tubes) x15W
KLAT-VML3648	36″ x 48″	66W	2(Tubes) x 15W, 2(Tubes)18W
KLAT-VML3042	30″ x 42″	51W	2(Tubes) x 10.5W, 2(Tubes)15W
KLAT-VML4040	40″ x 40″	60W	4(Tubes) x 15W
KLAT-VML2840	28″ x 40″	50W	2(Tubes) x 10W, 2(Tubes)15W
KLAT-VML4242	42″ x 42″	60W	4(Tubes) x 15W
KLAT-VML2436	24″ x 36″	ADA - 40W	
KLAT-VML3040	30″ x 40″	ADA - 40W	

PLEASE NOTE:

The mirror style and or size may differ from what you have actually purchased. All our illuminated mirrors are installed and maintained in the same way as illustrated.

Krut LED LLC - 111 Preamble Ct, Anderson, SC-29621 - Ph: 864-401-8156
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PRODUCT FEATURES

- Anti-Fog/ Condensation-free Vanity Mirror with Sandblasted Border
- Input Voltage: 120-277V AC, 50/60Hz
- Backed with Shatter-proof Film
- Condensation-free Reflection
- Pencil Polished Edge & Corners
- Sandblasted border by Finger Print Protection Treatment
- T8 LED Internal Driver tubes (UL / DLC Certification)
- Easy to install & maintain Hang on Mechanical System
- IP20 Rating
- Robust and long life bulbs
- Easy Maintenance, simple replacement of bulbs
- **Mirror –** Anti-Rust Ecological (cooper-free) Glass, Flat, minimum 4.8 mm thick.
- **Mirror Mounting Bracket Support –** Epoxy and Epoxy Polyester Powder coated Mild Steel, Four in numbers, minimum 1.2 mm thick.
- **Metal Frame –** Powder coated extruded Aluminum, minimum 0.85 mm thick, 4 pieces of Frames are concentric, Secured 4 pcs parts together by rivet.
- **Mirror Support –** Plated or painted Mild Steel.
- **Wall mounting bar/Mounting Rail –** Zinc coated Mild steel.

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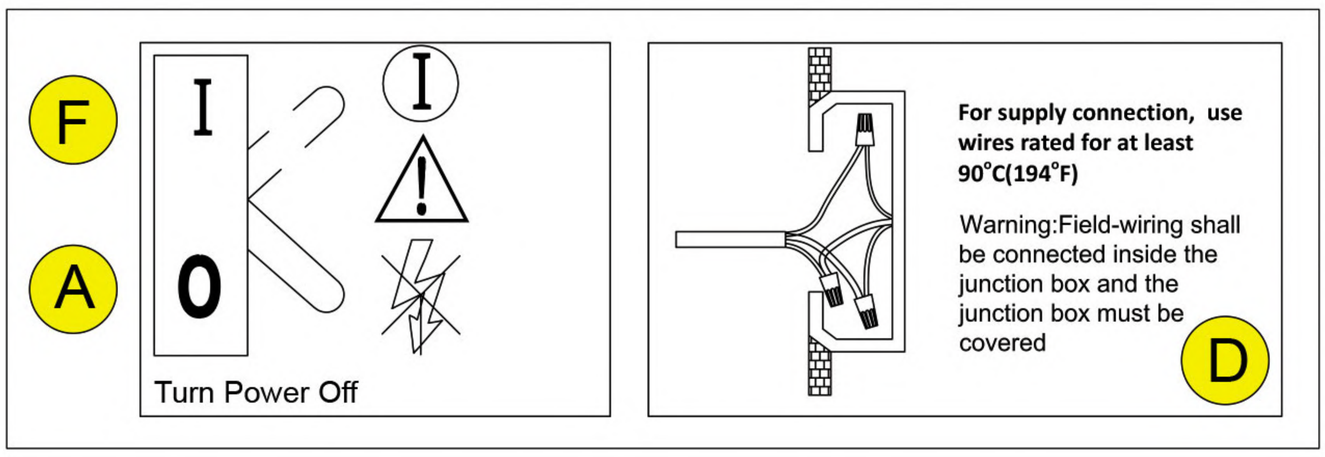
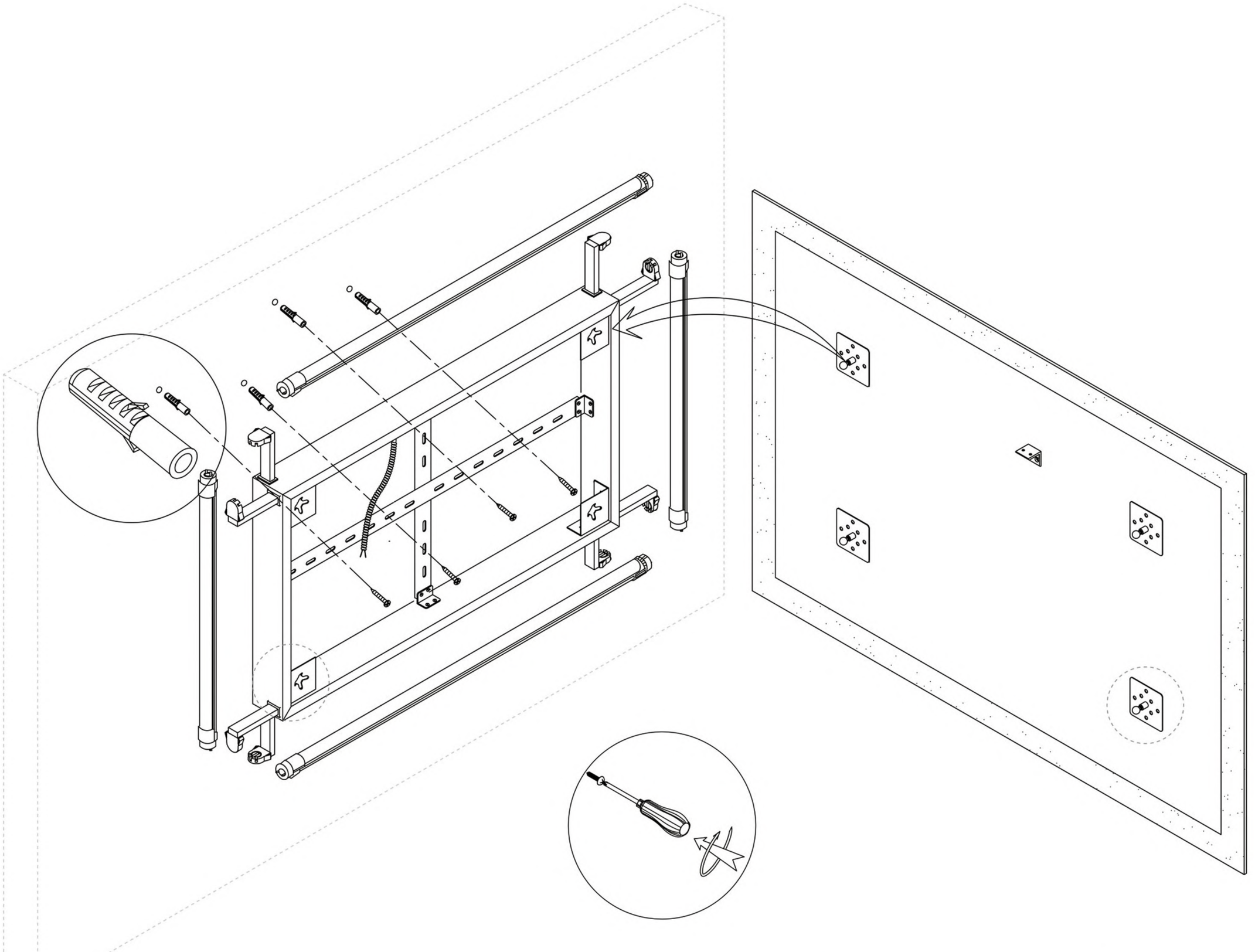
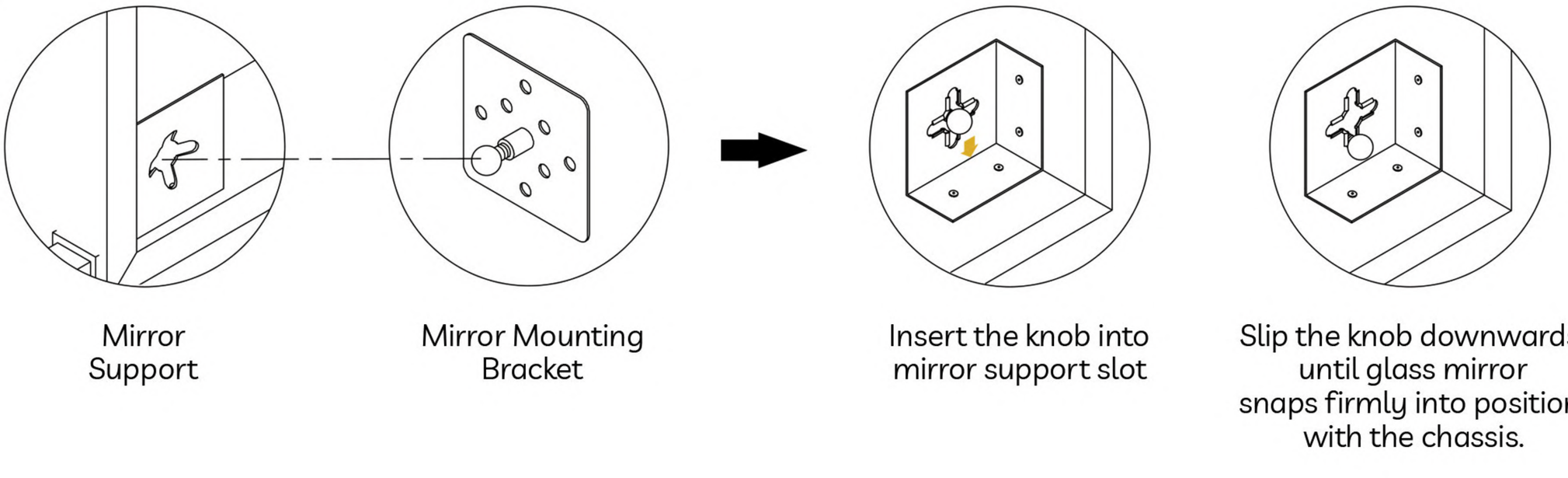
INSTALLATION INSTRUCTION







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INSTALLATION INSTRUCTION

Suitable for use indoor only.

Suitable for dry and damp locations.

Suitable for wood wall, concrete wall or plasterboard wall

When installing this product, the screws MUST reach the wood studs behind the plasterboard wall or wood wall. It cannot be installed on a plasterboard wall if the screws and anchors are not secured in the wood studs. Any other installation method will void the product warranty and can lead to injuries.

⚠ WARNING!

Please read these instructions thoroughly before using this product. Save these instructions for future use.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical furnishing basic precautions should always be followed, including the following:

Read all instructions before using (this furnishing)

⚠ **DANGER:** To reduce the risk of electric shock, always unplug this furnishing from the electrical outlet before cleaning.

WARNING:

To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Unplug from outlet before putting on or taking off parts.
2. Close supervision is necessary when this furnishing is used by or near children, invalids or disabled persons.
3. Use this furnishing only for its intended use as described in these instructions.
4. Do not use attachments not recommended by the manufacturer.
5. Never operate this furnishing if it has a damaged cord or plug, or if it is not working properly, if it has been dropped or damaged, or dropped into the water. Return the furnishing to a service center for examination and repair.
6. Keep the cord away from heated surfaces.
7. Never operate the furnishing with the air openings blocked. Keep the air openings free of lint, hair and the like.
8. Never drop or insert any object into any opening.
9. Do not use outdoors.
10. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
11. To disconnect, turn all controls to the off position, then remove plug from outlet

⚠ **WARNING:** Risk of Electric Shock Connect this furnishing to a properly grounded outlet only.

USER MAINTENANCE INSTRUCTIONS

The user cannot do the maintenance operations by themselves and needs to contact the supplier or a qualified electrician or serviceman.

GROUNDING INSTRUCTIONS

The product must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the product.

⚠ **DANGER:**

Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded.

Unauthorized modifications to this product will compromise product grounding safety and may result in electrical shock, electrical fir, or faulty operation. It could void the electrical portion of your warranty.

SMALL CHILDREN AND PETS WARNING

After mirror is unpacked, immediately dispose of packaging as it can smother small children and pets.

WARRANTY

Any repair or replacement of mirror parts must be performed by an authorized electrician. Unauthorized modifications to this product will compromise product grounding safety and may result in electrical shock, electrical fir, or faulty operation. It could void the electrical portion of your warranty.

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INSTALLATION INSTRUCTION

ACCESSORIES PROVIDED

1 x Bubble Level Spirit

4 x Plastic Anchor

4 X Wall Fixing Screw 1/5" (5mm)

3 x Wire Nut

TOOLS NEEDED (not provided)

Power Drill

Tape Measure

Stud Finder

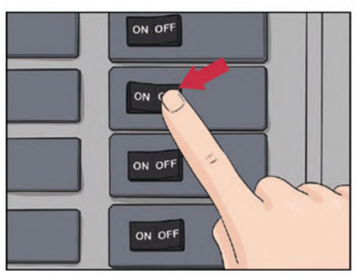
Pencil

Screw Driver

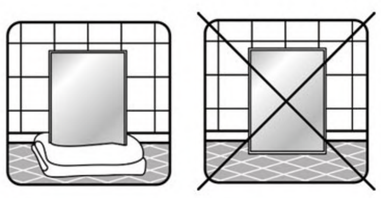
Hammer

INSTALLATION

⚠ **WARNING:** Installation and maintenance must be done by a licensed electrician.



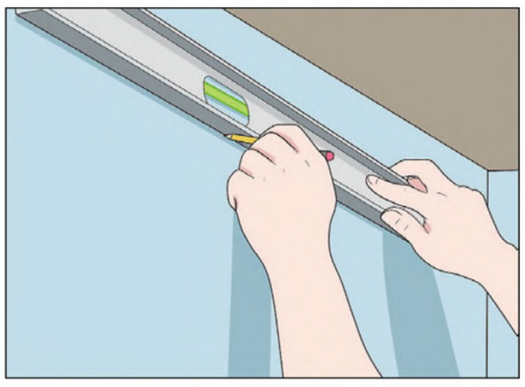
- Turn off mains power switch and remove proper fuse.



- Always wear safety goggles and gloves when handling glass mirror.
- Unpack the new mirror and handle it carefully.
- Place on towel or soft surface such as carpet when handling.
- Do not bump glass mirror against hard surfaces.

- Mirror installation location should be mechanically sound enough to support the mirror itself and allow for connection to the mains supply.
- Before drilling fixing holes, ensure that there are no water pipes or electrical wiring behind the mounting surface.

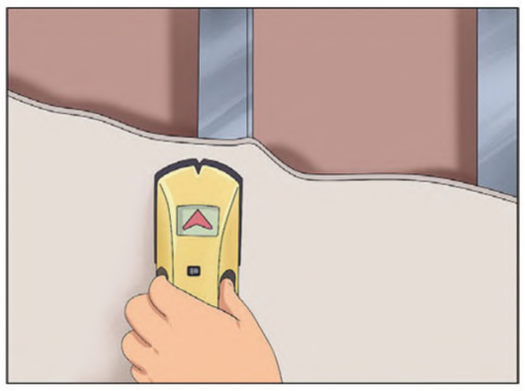
STEP 1 - MIRROR POSITIONING



1.1 Use a level as a guide and draw a pencil line on the wall and mark the bottom edge of the mirror.

The top of th mirror should be off the floor enough to accommodate the height of a user.

For plasterboard or wood wall only. For concrete wall mounting, go to **STEP 2.**

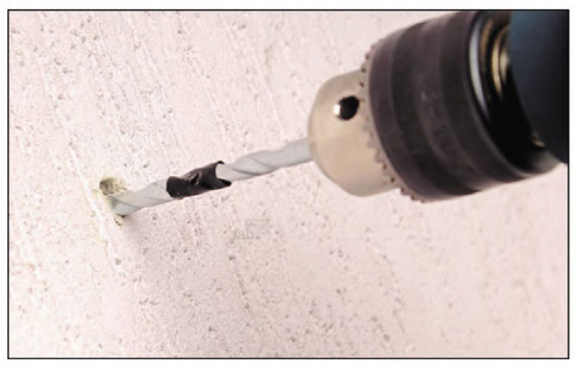


1.2 Mirror mounting screws MUST reach the studs behind the wall. Use stud finder to detect the studs and find their center.

Mark the framing studs. Measure and determine wall mounting screw hole position.

STEP 2 - DRILL HOLES

2.1 Mark the length of the screw anchor on the drill bit with electrical tape.



2.2 Drill the wall until the electrical tape on thedrill bit is just inside the wall. Keep the drill bitrunning at low speed while withdraw it. Move the running bit back and forth through the depth of the holes to dislodge and clear away any debris or dust. Ensure the screw anchors can be securely placed in the wall.

2.3 Insert plastic screw anchors into the drilled holes.

2.4 Hammer the anchors until they are flush with the mounting surface.

STEP 3 - MIRROR INSTALLATION

Lock aluminum chassis firmly against the wall. Wire the mirror with mains power (see **STEP 4**). Hang on the glass mirror panel with the chassis (see **Page 4**).

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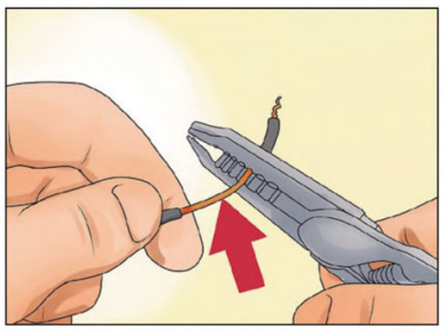
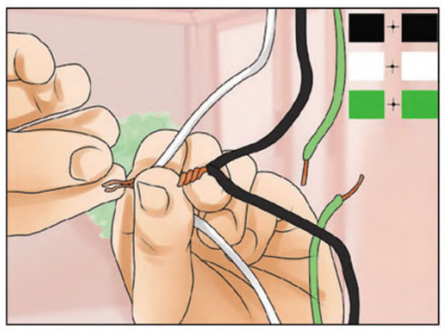
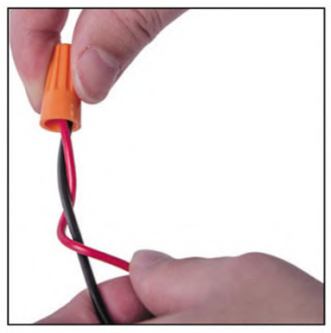
INSTALLATION INSTRUCTION

STEP 4 - WIRING CONNECTION

Connect the electrical wires with mains power. Make sure all wire connectors are secured.



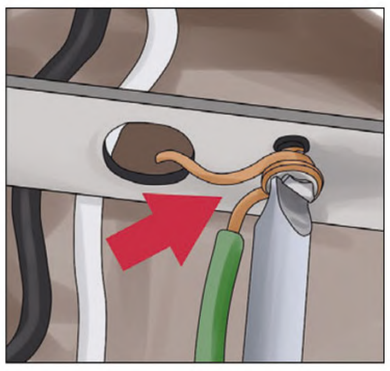




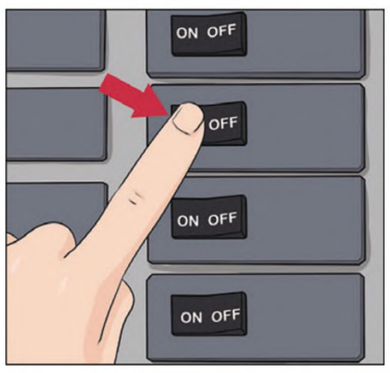
- If necessary, remove about 1/2" of wire insulation with a wire stripper or a utility knife.
- Connect mains power cables with the mirror. Twist the exposed ends of the wires together and seal them by screwing on a wiring cap.

Live -	**Neutral -**	**Earth / Ground -**
Black or Red	White	Green, Green & Yellow, or bare copper

⚠ Loose wiring connection can lead to over heating. Excessive temperature may lead to scorching of the plastic components and in extreme case may even melt. Charring of components is always a consequence of faulty installation or maintenance , and any claims are excluded from the warranty.



- If your outlet box has a ground wire (green or bare copper), connect the fixture's Ground Wire to it. If not, consult your electrician for proper grounding. After the wires are connected, tuck them carefully inside the outlet.



- Interlock glass mirror with aluminum chassis after wiring connection is finished.
- Reset the fuse and restore the power and test the mirror lighting.

MAINTENANCE

- Do not strike glass with hard or pointed items.
- Do not place very hot or very cold item against or in close proximity to glass surface unless thick insulation material is used to prevent such items coming in contact with the glass.
- If the glass becomes chipped or broken, replace immediately.
- Do not allow moisture to come into contact with the lamp.
- Cleaning: Mirrors should only be cleaned with glass cleaner and a soft lint free cloth.
- Do not use any chemical or abusive cleaner as they may damage the surface of the products

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