

Installation Guide Round Halo Illuminated Mirror

by

 Clearlight Designs®



Installation Instructions

Failure to follow installation instructions could result in serious injury, or damage to property.

Failure to follow installation instructions will void warranty.

Please read these instructions carefully before installation to make sure you have all you need, and to understand what you will be doing during all phases of the handling, installation, removal, operation and maintenance of this product. Failure to comply with these precautions violates safety standards of design, manufacture and intended use of the product.

Clearlight Designs assumes no liability for customer's failure to comply with these requirements.

Installation must only be carried out by a licensed electrician or builder according to local authority regulations.

All electrical works must only be undertaken after disconnection of power by removing fuses or turning off circuit breaker, to ensure all pole isolation of the electrical supply.

IMPORTANT!

Installation must only be carried out by a licensed electrician or

Do not remove protective film or plastic corners until your mirror is installed
Move mirrors SLOWLY. Plan what you are doing.

Handling Tips

- Always place the mirror on a soft surface e.g. carpet or folded towels.
The edge of the mirror will almost certainly chip if placed on a stone or tiles or hard surface.
- If your mirror has frosted glass on the back be careful not to touch that area as it may leave fingerprints that you will have to clean off.
- Mirrors are heavy and fragile. Always lift with two people to share the load. Move slowly and carefully, plan and discuss what you are going to do.

Before fitting the mounting structure to the wall or wiring for power connection:

You will need to know the location of:

- the wall studs
- water pipes
- electrical cables

Consult your plans and have a licensed electrician install electrical requirements for your mirror in accordance with this installation guide.

Electrical installation

A light switch to operate the mirror should be installed, on the wall or other convenient location, by a licensed electrician.

If a de-mister is fitted to the mirror you will need two cables through the wall.

The Demister and LEDs can be operated by the same switch or different switches.

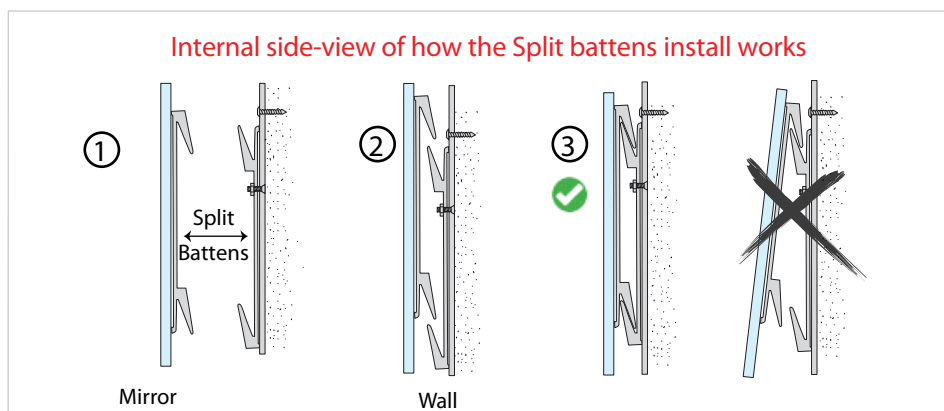
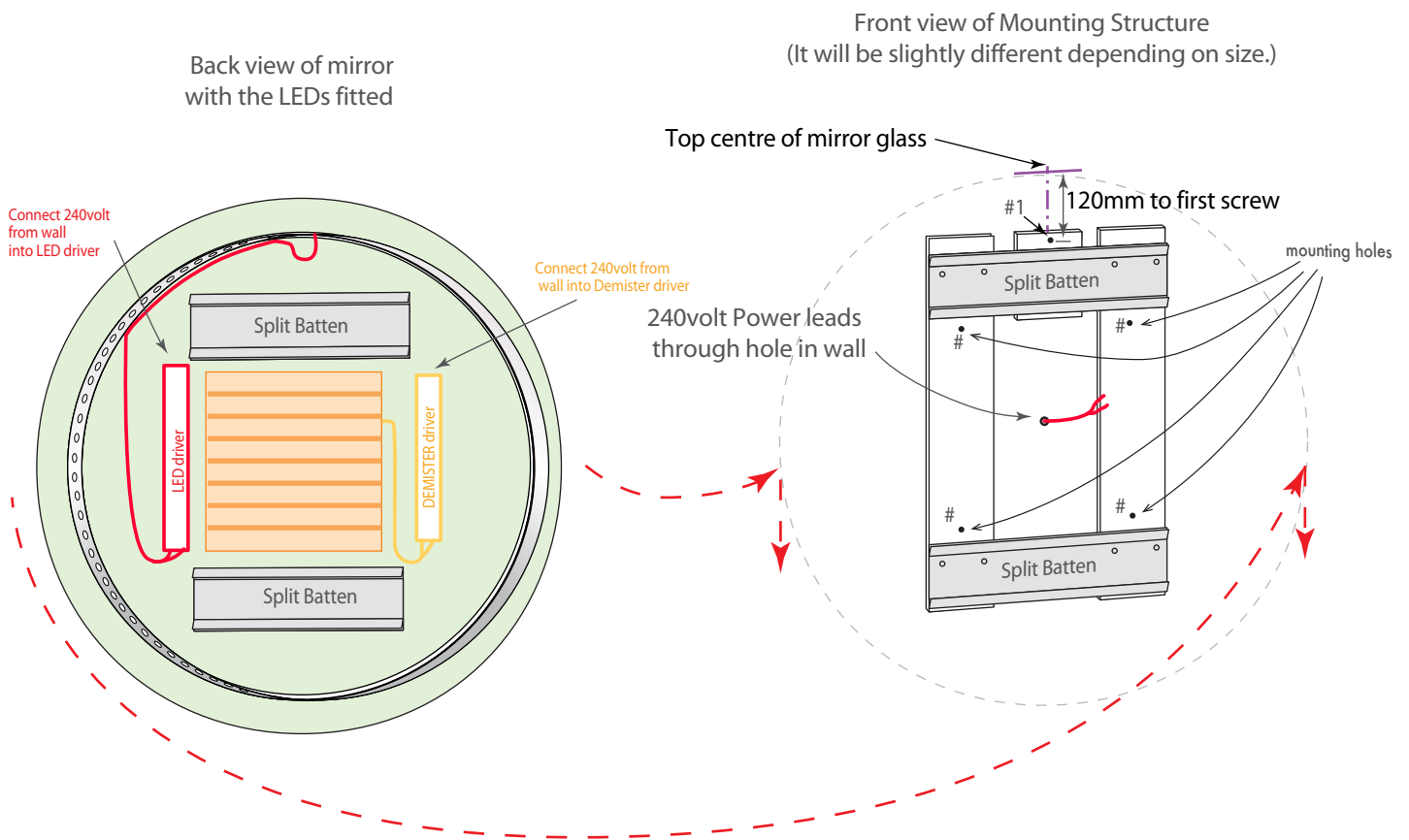
The cable from the switch/es connect to the driver/s installed on the back of the mirror.

STEP 1 - Fitting the mounting structure to the wall:

As a guide, the mirrors weigh approximately 20kg to 25kg per square metre.

- Drill a hole for 1st mounting screw 120mm down from that point marked on the wall.
- Fit with wall plug If necessary.
- Screw the mounting structure to the wall through screw hole #1.
- Adjust to level by pivoting on the screw.
- When it is level mark out the other four holes labeled with #.
- Remove the mounting structure from the wall and drill other four holes in the wall.
- Fit with wall plugs and screw mounting structure to the wall.

Other holes may be drilled in the backing board if warranted, e.g. to screw mounting structure through to wall studs. **DO NOT** drill extra holes into the aluminium split battens. The split battens are already securely attached to the mounting structure.



STEP 2 - Connecting the mirror lights to power

You may need two people for this next procedure.

- If there is no vanity cupboard in front of the mounting structure use a table or similar. Make sure you padding in place to rest the mirror on. Lift the mirror into a vertical position in front of the mounting structure leaving enough room at one side to reach in and join the cables.
- Have someone hold the mirror vertically in place while you join the 240volt cables to driver/s.
- Make sure the cables will not interfere with the split battens when the mirror is lifted into position. Excess cables can be taped out of the way on the mounting structure or inserted into the wall cavity.

STEP 3 - Hanging the mirror on the split battens

- NOTE: First note the position on the wall where the top centre of the mirror needs to be i.e. When the mirror is level and placed 20mm to 25mm above the top centre mark on the wall the split battens on the mirror will be high enough to engage the other split battens on the mounting structure. Do not lift it higher than this. Randomly moving the mirror around on the wall trying to feel out the split battens will cause damage to the mirror from the split battens.
With the bigger mirrors you will need 2 people two people to lift the mirror.
- When in this position, the mirror can be pressed flat on the wall and allowed to slide down into position to engage the split battens.

NOTE It is possible to engage only the top or bottom batten, so at this point do not release the mirror until you are sure both split battens are engaged and the mirror is sitting flat against the wall. If you need to adjust the mirror sideways just lift slightly so the split battens release their grip and the mirror will be easier to slide.

When you are happy with the position push firmly down on the mirror so the split batten grip into position.

STEP 4 - Removing the protective plastic

When the mirror is securely in place carefully peel the protective plastic from the front of the mirror glass, starting at the top and slowly peel down.

Care and Cleaning

On the edge of every the mirror there is a thin line of silver that is exposed to the air. Silver will tarnish eventually and the tarnish may spread under the paint. The mirrors we use employ the latest and best paint technology to prevent this. In order to protect your mirror even more we apply an edge sealer. Cleaning the edge of the mirror with commercial cleaners is unnecessary and may eventually damage that edge seal. To clean the mirror edge all you need is a quick wipe down with a soft cloth dampened with distilled water.

DO NOT USE CLEANERS ON THE EDGE OR BACK OF THE MIRROR. Even air born chemicals e.g. toilet flush chemicals, may tarnish your mirror,

When cleaning a mirror simply wipe the glass surface with a few drops of methylated spirits or Isopropyl Alcohol on a clean slightly damp cotton cloth. We have found the Isopropyl Alcohol is the best for cleaning mirrors.

Do not use cleaners containing Ammonia, or bleach, this will void warranty
Some paper towels may leave a smear.