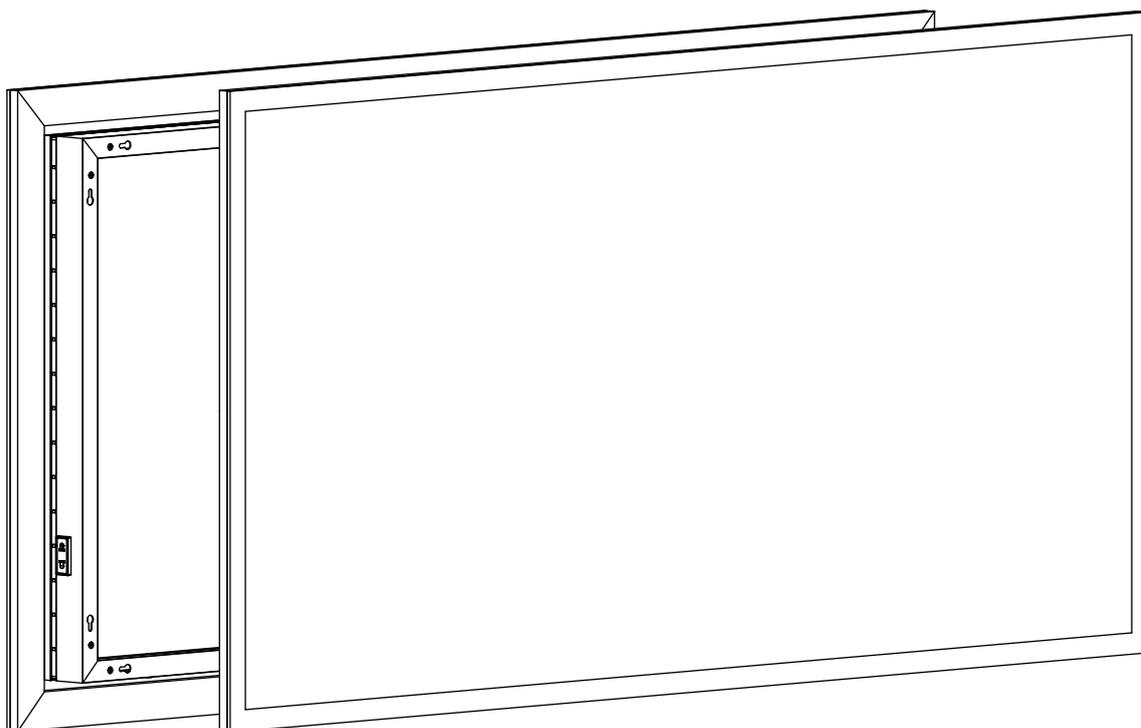


## INSTRUCTION MANUAL

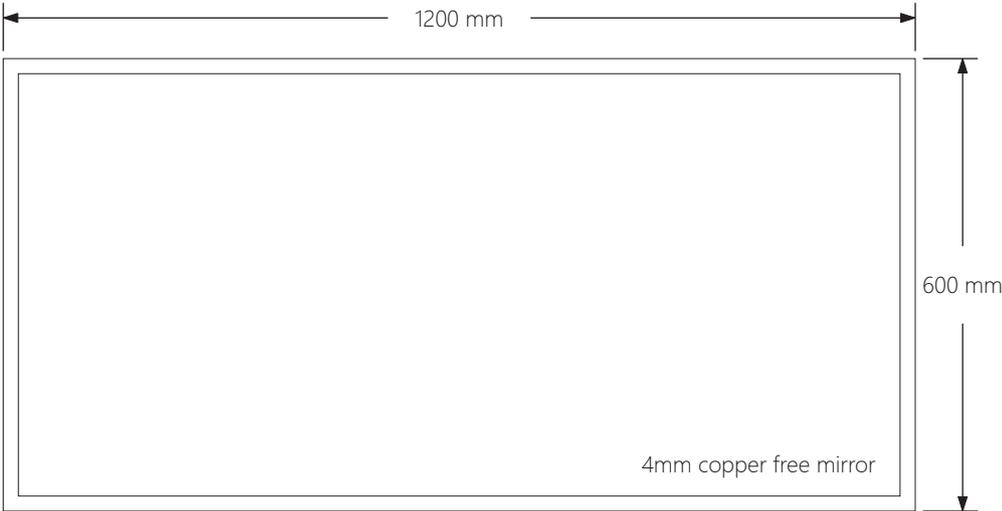


Please Note: This specification applies to IR sensor LED smart mirrors

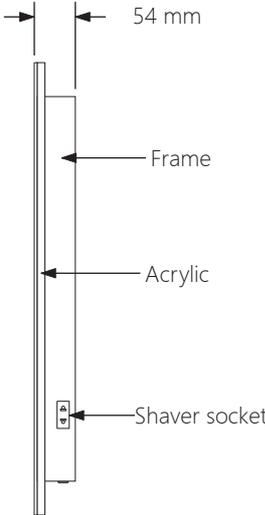
# LED SMART MIRROR

# Mosca

Mirror 1200x600mm



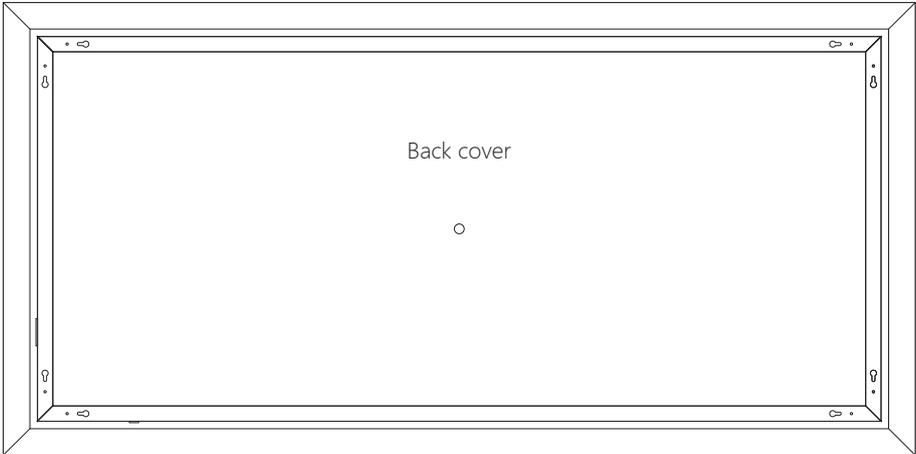
Front view



Side view



Bottom view



Back view

## Technical Details

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### **Heated De-mister Pad**

This mirror comes with a demister pad, which heats the surface of the mirror above room temperature removing the mist on surface .

### **IR Sensor On/Off Switch**

The IR sensor switch can be used to Turn Led Lights and Demister On/Off. Wave your hands gently below the marked area for sensor to activate.

### **Shaver Socket**

You can plug in shaver/electric toothbrush to the shaver socket on side of mirror.

### **Portrait/Horizontal Mounting**

You can hang this mirror in Portrait/Horizontal position using the holes provided on the back of mirror.

### **Electrical Safety Information**

We recommend that all electrical bathroom products should only be fitted by a qualified -Part P registered electrician in accordance with the current IEE Regulations.

Please ensure the Mains supply is switched off before attempting installation. Before drilling ensure there are no hidden cables or pipes in the wall.

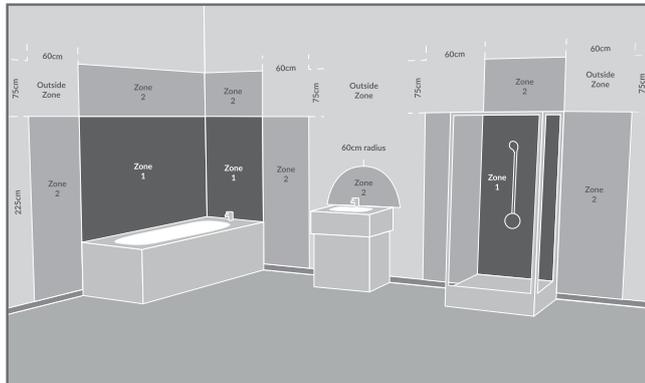
### **Installation Information**

We recommend that you receive the product before commencing with installation as all sizes and measurements are approximate.

We try to ensure all measurements are as accurate as possible.

In the interest of continued product development, we reserve the right to alter specifications as necessary. E & OE.

## Safety & Installation Notes



### Thankyou for purchasing this Product

Please read these instructions thoroughly and refer back to them during installation to ensure product safety.

### Retain this leaflet for future reference

Before installation, ensure the domestic electrical mains supply is switched off. Before drilling, ensure there are no hidden cables or pipes in the wall.

### These products are suitable for installation in zones: 2 & Outside Zone

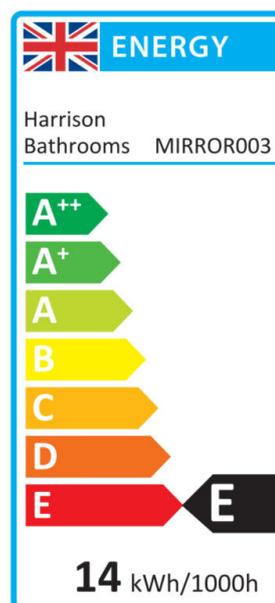
All installations must comply with guidelines which are based on a zonal concept. The diagram above illustrates this concept and must be followed to ensure the safe installation of Electrical appliances in the bathroom. These regulations apply to domestic installations only. Installations must be made in accordance with the current IEE wiring regulations and relevant building regulations. We recommend that all electrical bathroom products should only be fitted by a suitably qualified, Part P registered electrician.

### Installation

1. Position the Mirror in a suitable location according to the Zonal diagram above ensuring that the domestic electrical mains supply is within reach of the electrical entry point of the product.
2. Carefully mark the position of the mirror using a soft pencil ensuring its level. Remove the mirror and mark the mounting points, Please ensure that all the mounting points accurately match up with the fixing points on the mirror.
3. Using a suitable drill bit, drill holes in the marked positions to suitable depth. If drilling through tile, use a ceramic drill bit.
4. Insert wall plugs level with the surface of the wall, If fitting to a tiled surface. wall plugs should be inserted below the tiled surface to avoid cracking. For plasterboard walls, special fixings should be purchased, available from any DIY or hardware store.
5. Ensure the domestic electrical mains supply to which the mirrors being connected is turned off. Connect the domestic mains supply to terminal box according to the wiring diagram.
6. Hang the mirror in portrait/landscape position.
7. Switch on the domestic electrical mains supply for the mirror

### Operating Instructions

To turn on the light, wave your hands below the area marked for IR sensor. The Heated Pad is Only ON when the mirror is illuminated.



### Care Instructions

Do not use abrasives or solvents when cleaning this product. Wipe off all water spillages as soon as possible using a soft, damp cloth.

### Aftercare Service

In the unlikely event that this product should fail, please contact our customer service

## Installation Instructions

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### General Information

This product conforms to U.K. safety standards and must be installed in accordance with the current IEE Wiring and Building regulations(Part P).

This product must be earthed and should not be connected to an unearthed circuit.If there are only two wires coming from your power supply it means that this fitting can be wired to an unearthed circuit.

Ensure that connections are turned off at the consumer unit or fuse board before installing or carrying out any maintenance.

This product is for indoor use only.

This product is IP44 rated and can be installed in bathroom zone 2(Defined by the IEE wiring regulations) and beyond.

### Important

When working at heights, please use a suitable platform to work from.

### Please Note:

For the new installations, check for any electrical cables or pipe work(gas/water) in the vicinity of the intended mounting point before proceeding with the installation.

Ensure that the fixing location is able to take the weight of the complete fitting.

Wear suitable eye protection when drilling.

Be careful when using power tools near water.

Do not strike the mirror glass with hard or pointed items.It is recommended that the product is cleaned with a soft and non abrasive cleaning cloth.

Donot use abrasive materials on any type of finished surface .

Do not allow moisture to come in contact with the working electrical components.

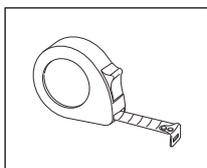
### Compliance

This product complies to CE & UKCA standards.

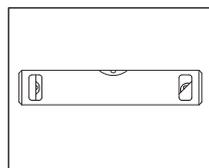
## Installation Procedure

Notes: To ensure the normal use of products, it is required you set out wires as per the regulations of IEE at the installation places. The Products are only applicable to being installed on the indoor solid wall. The installation must be carried out by a professional electrician and wrong installation may lead to product damage and personal injury.

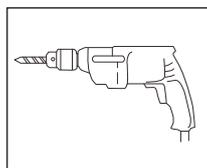
## Installation Tools



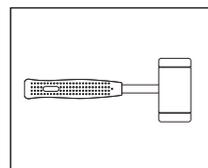
Flexible rule



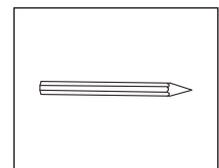
Spirit level



Drill



Hammer



Pencil

1. Make certain the wall is solid, and use the flexible rule to measure the distance between two hardy holes on the mirror frame ("a" in Fig. 1).
2. Use the flexible rule to measure the distance a on the wall and mark them out with a pencil.
3. Choose a drill with an appropriate drill bit to make two holes at the marked places, and use a special ceramic drill if the wall surface is made of ceramic tiles.
4. Use the hammer to strike an expansion rubber plug into the holes on the wall, and then screw the hook into the hole (Fig. 2).
5. Switch off the power, and then use a terminal block to connect the three-core exposed wires with those reserved on the wall (see details in Fig. 4).
6. Hang the product on a wall hook (Fig. 3).
7. Finally switch on the power, and then wave hands below sensor to test the product.

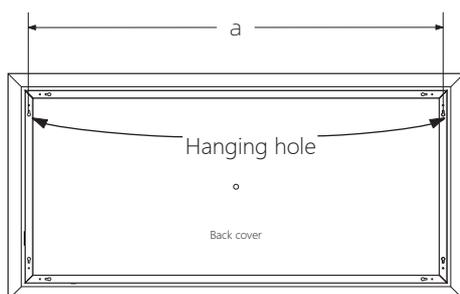


Fig. 1

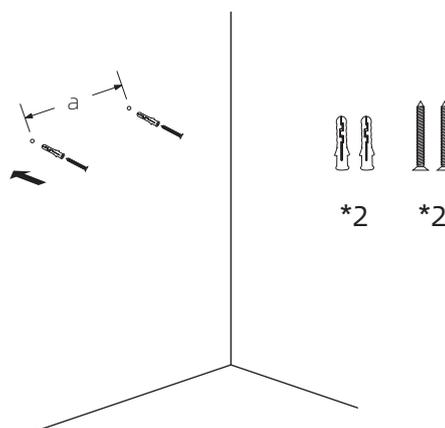


Fig. 2

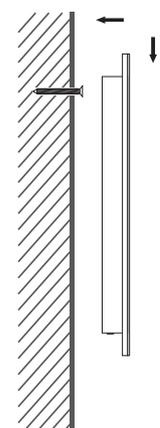
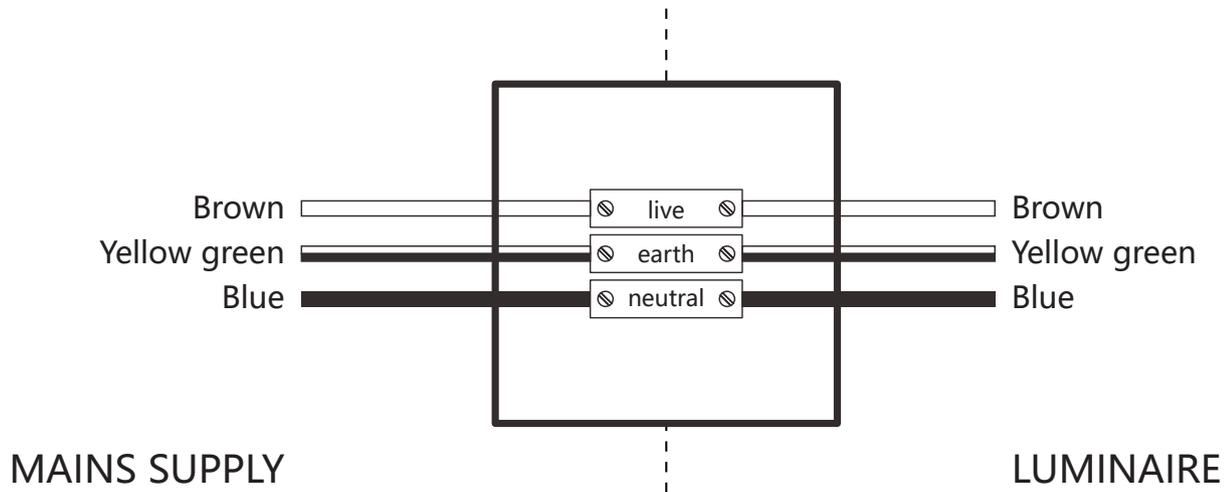


Fig. 3

## Wiring Diagram for Input



## Schematic Diagram

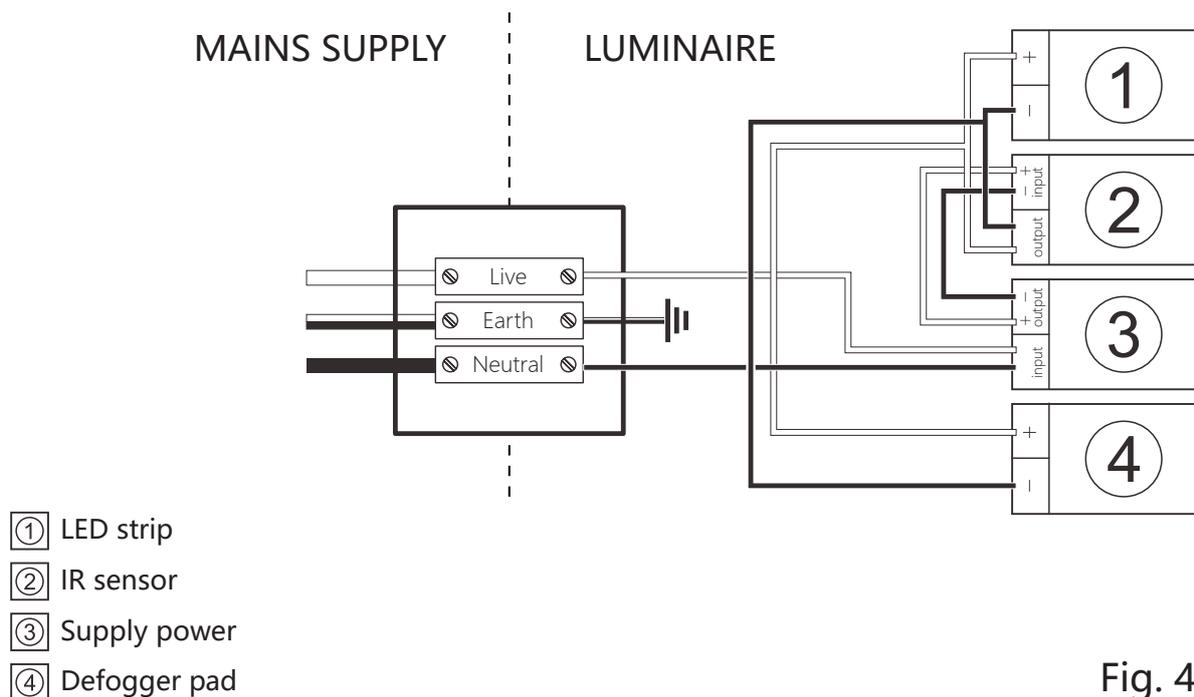
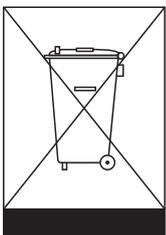


Fig. 4



Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this mark (left) must not be disposed off with other household or commercial waste. We do not levy any WEEE disposal charges to its customers for affected WEEE related products. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Center or retailer for recycling advice.

## LED Mirror FAQ's

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Mirror Weight (kg)	***kg
Mirror+Box Weight (kg)	***kg
Light Source	LED
Light source average span	50K HOURS
Total Rated Wattage (W)	***W
Lumens(Lm)	
Kelvins(K)	***k
Is the mirror Dimmable?	NO
Energy Rating	E
What orientation can the mirror be hung in ?	PORTRAIT/LANDSCAPE
Is the heated pad on when the mirror is illuminated ?	YES
Does the mirror require an earth connection?	YES
Can i bypass the sensor so the mirror comes on with the main room light?	NO
Is it white or warm Illumination ?	WHITE

### Electrical Safety Information

We recommend that all electrical bathroom products should only be fitted by a suitably qualified, Part P registered electrician in accordance with the current IEE regulations. Ensure mains power supply is turned off before starting installations. Before drilling ensure there are no hidden pipes or cables in the wall.

We recommend you receive the product before commencing installation as all the measurements and sizes are approximate. We try to ensure that all measurements are as accurate as possible. In the interest of continuous product development, we reserve the right to alter specification as necessary. E & OE.