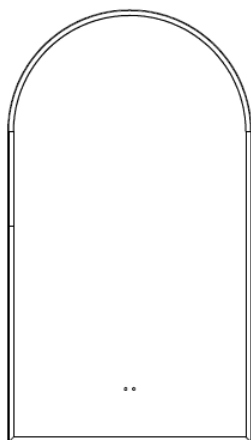
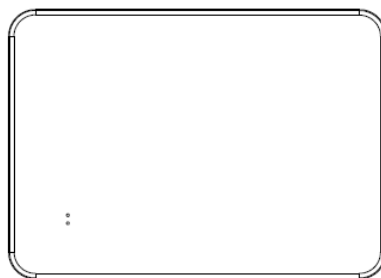
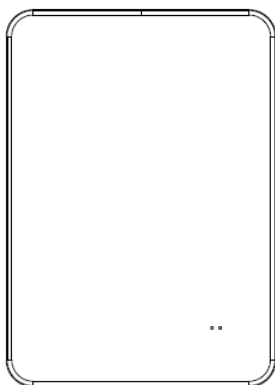
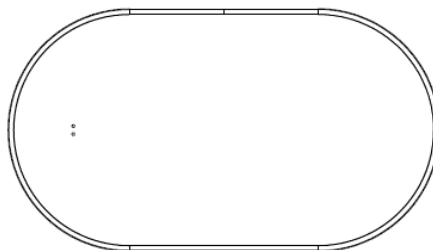
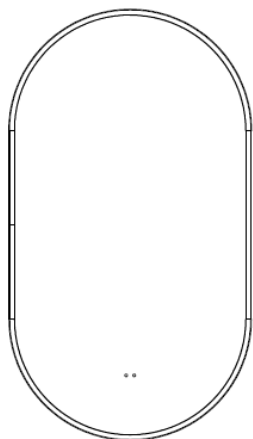


LED Bathroom Mirror

Instructions For Installation And Use



Technical Specification

All models: Supply Voltage AC 220 – 240V 50 / 60Hz
Class 1, IP44 Suitable for Zone 2

Model Number	Style	Product Dims			Maximum Power Consumption (Lights & Demister)
		Width	Height	Depth	
362166	Arch Chrome	450	800	32.5	31kWh / 1000h
362158	Arch Brass	450	800	36	31kWh / 1000h
36214X	Arch Black	450	800	36	31kWh / 1000h
362107	Rectangular Chrome	500	700	32.2	32kWh / 1000h
362093	Rectangular Brass	500	700	35	32kWh / 1000h
362085	Rectangular Black	500	700	35	32kWh / 1000h
362131	Pill Chrome	450	800	32.5	29kWh / 1000h
362123	Pill Brass	450	800	36	29kWh / 1000h
362115	Pill Black	450	800	36	29kWh / 1000h

Contents of Box

1 x LED Mirror Cabinet

2 x Screws

2 X Plugs

Note: The screws and plugs provided are not suitable for every wall type- See note on P6.

Warning

Do Not strike glass components with hard or pointed items.

Do Not place very hot or very cold items against or in close proximity to the glass surface unless an adequate thick insulation material is used to prevent such items coming in contact with glass.

Never cover the mirror as it is a heated product.

This mirror should be positioned away from curtains and other fabrics.

We recommend that the mirror is turned off after use and should never be left on for prolonged periods of time.

This mirror is 5mm thick film backed for safety, if it is broken or chipped replace immediately.

This product is only suitable for permanent installation, **DO NOT** connect to a trailing plug and socket outlet.

Always switch off the electrical supply at the mains during installation and or maintenance.

All fittings must be installed by a competent person, in accordance with current IEE wiring regulations, if in doubt consult a qualified electrician.

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Wiring

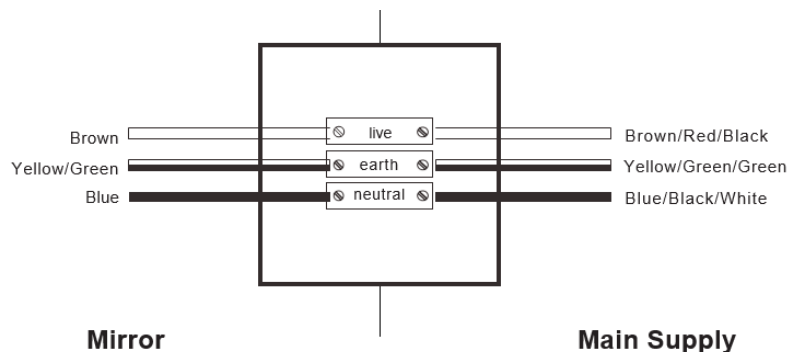
This product is manufactured to class I category and must have an earth connection .

COLOUR CODING

L - Live

N - Natural

Earth - Green & Yellow



Important Safety Information

There are 3-bathroom zones that have been identified by the 18th edition [IET wiring regulations](#) and all applicable British standards :

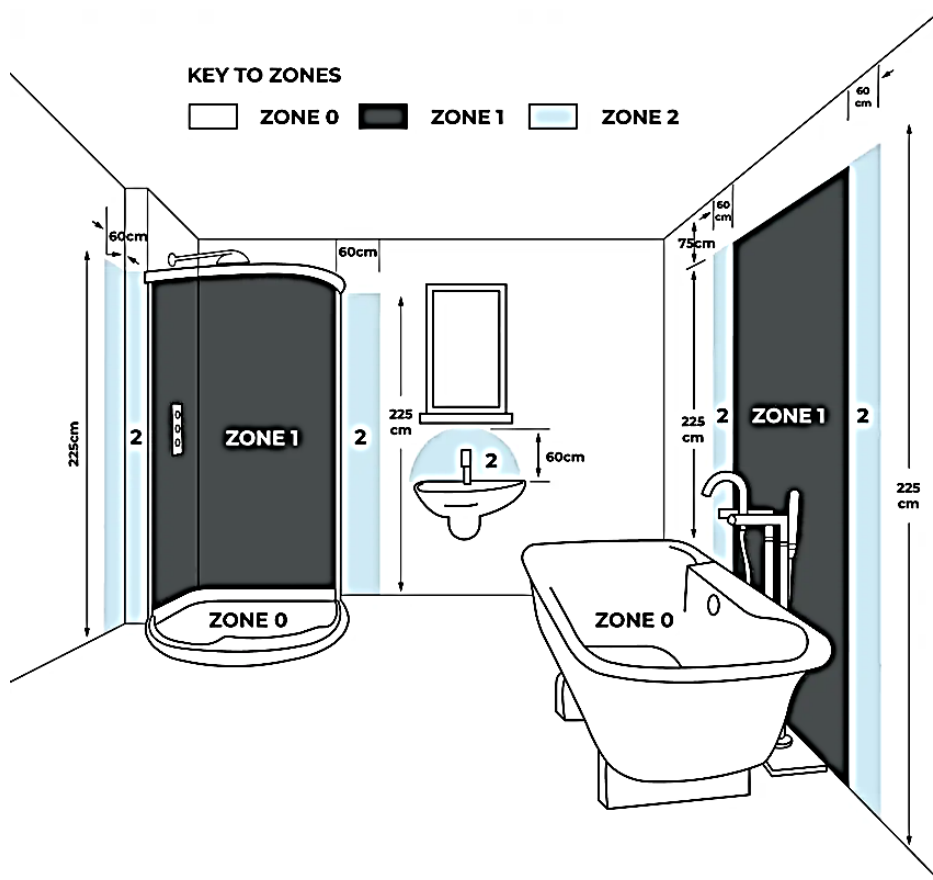
Zone 0 is inside the bath or shower. Any fitting used in this zone must be low voltage, (max 12v) and be rated at least IP67 which is total immersion proof.

Zone 1 requires a minimum rating of IP45, but it is generally accepted that IP65 is to be used.

Zone 2 (60 cm radius) an IP rating of at least IP44 is required.

Outside Zones are anywhere outside zones 0, 1 and 2 there are no special IP requirements in this zone, however, we suggest to use a light with an IP rating of at least IP20.

This information should be used for guidance only. Always refer to the current IEE Wiring Regulations or a qualified electrician to ensure that you are guided by the latest codes of practice.



1. Before commencing installation or maintenance, isolate the main electrical supply for the appropriate circuit at the fuse board.
2. This product is only suitable for connecting to a 240V 50Hz supply.
3. The mirror should be mounted onto a secure surface.
4. When installing please take care to avoid water pipes, joints and electrical cables.

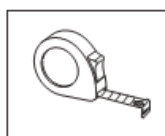
Installation

To ensure the normal use of this product, it is required you set out wiring as per the regulations of IEE at the installation place. This product should be installed on a wall suitable to hold its weight. The installation must be carried out by a professional electrician; wrong installation may lead to product damage and / or personal injury.

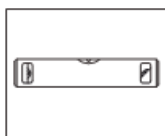
This product must not be installed into Zones 0 or Zone 1 see page 4

Prior to commencing work isolate the power supply cable at the main fuse box.

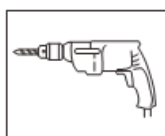
Tools Required for the Installation



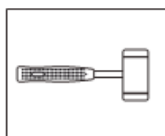
Measuring tape



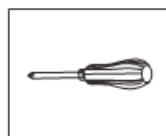
Spirit level



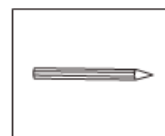
Drill



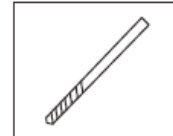
Hammer



Screwdriver



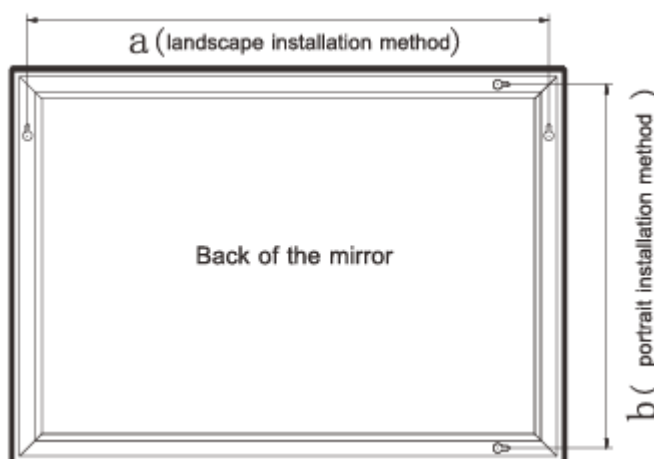
Pencil



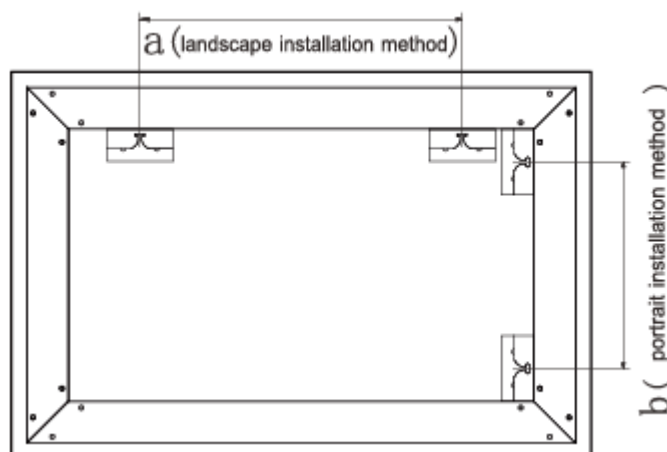
Drill bit

Keyhole installation

Choose either portrait or landscape hanging method (model depending)



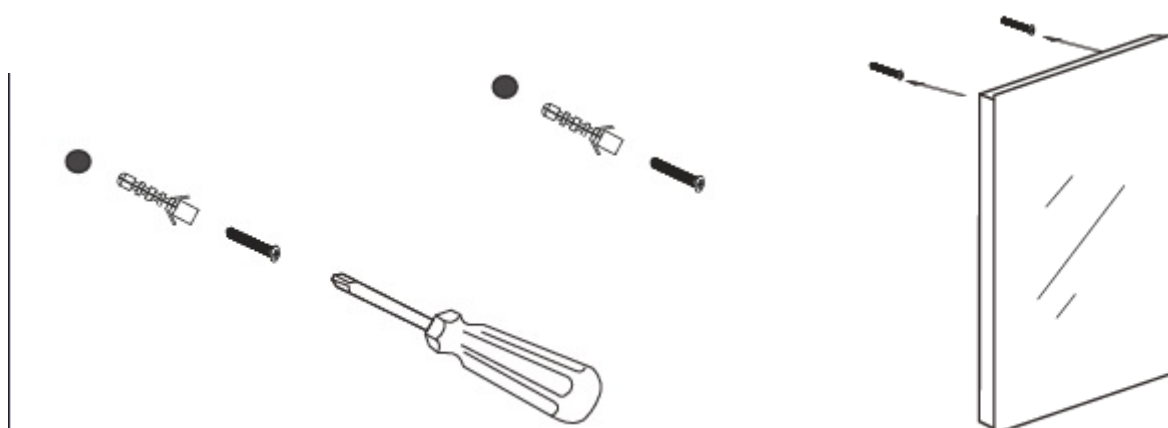
Using a tape measure, measure the distance between the fixing locations



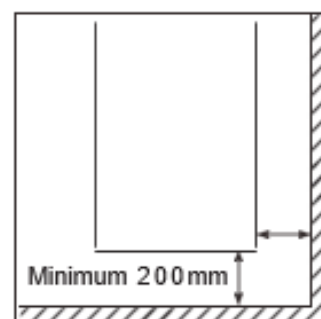
Installation

Using a tape measure, measure the distance between the fixing locations. Using the correct size drill bit for the wall fixing, drill holes in the marked locations. **Please note that for certain wall types i.e. plasterboard walls, the wall fixings supplied are not recommended.**

Knock the expansion plugs into the holes in the wall with a hammer and then tighten the screws with a screwdriver leaving approx. 2-3mm protruding from the wall. Hang the mirror on the keyhole fixings ensure it is securely in position.



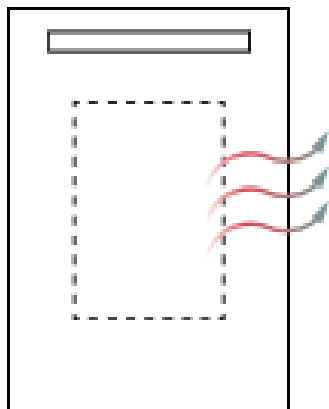
Please Note: Products with an IR sensor must be installed with a minimum of 200mm between the IR sensor and any solid or reflective surface.



Recycling and disposal

Please recycle the packaging in accordance with your local government regulations on waste handling, and follow the same advice at the end of the products life.

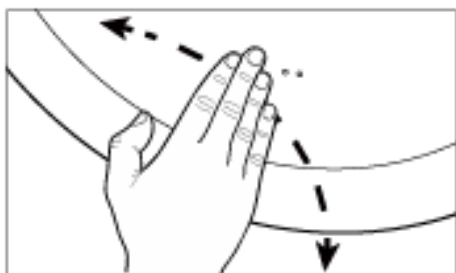
Operation



Heated Demister Pad

Demister pads heat the surface of the mirror above room temperature removing the mist on the surface of the mirror. If your mirror comes with a demister, then it will turn on/off using the IR sensor. It takes 3-4 minutes for it to completely heat up and demist.

IR Sensor



The lights and demister can be powered On / Off by moving your hand across the infrared sensor. This is placed on the front of the mirror. To select a colour from either Warm White to Cool White, move your hand over the sensor to switch the mirror lights on, once the light is on move your hand over the sensor to change the colour. Once the colour has been chosen you can dim the brightness of the light. This can be done by putting your hand back over the sensor and holding it there until the desired brightness level is achieved. The selected colour and brightness level are memorised as default the next time the lights are activated.

Maintenance and Care

- Ensure that the power is disconnected prior to cleaning.
- To keep the finish of this product, wipe over with soft cloth periodically.
- Do not use harsh chemical solvents, this may dis-colour or damage the finish.
- Use a soft, dry nonabrasive cloth to clean the mirror, only do this when mirror is turned off.
- Do not use harsh chemical solvents, this may dis-colour or damage the finish.
- Do not allow moisture to come into contact with the electrical components.

General Information

Environment



Meaning of crossed –out wheeled dustbin:

Electrical appliances should not be disposed as unsorted municipal waste. Separate collection facilities should be used in the disposal of electrical appliances. Contact your local government for the information about the available collection systems. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When old appliances are replaced by the new ones, it is a legal obligation for the retailer to take back the old appliance for disposals at least free of charge.



This mirror cabinet complies with the Safety Standards EN IEC 60598-1:2021+A11:2022, EN IEC 60598-2-1:2021, EN IEC 61558_1:2019 and EN IEC 61558-2-5:2023. The EMC standards EN IEC 301489-1 V2.2.0, EN IEC 301489-17 V3.2.0, EN IEC 55015:2019+A11:2020, EN IEC 61547:2023, EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2019+A1:2021, EN IEC 61000-3-3:2013+A2:2021 which covers the essential requirements of the European Electro Magnetic Compatibility 2014/30/EU. The EMF standards EN IEC 62493:2015, EN IEC 62479:2010 and EN IEC 50663:2017.



This mirror cabinet complies with the Safety Standards BS EN 60598-1:2021+A11:2022, BS EN 60598-2-1:2021, BS EN 61558-1:2019 and BS EN 61558-2-5:2023. The EMC standards BS EN 301489-1 V2.2.0, BS EN 301489-17 V3.2.0, BS EN 55015:2019+A11:2020, BS EN 61547:2023, BS EN 55014-1:2021, BS EN 55014-2:2021, BS EN 61000-3-2019+A1:2021, BS EN 61000-3-3:2013+A2:2021 which covers the essential requirements of the Electro Magnetic Compatibility Regulations 2016. The EMF standards BS EN 62493:2015, BS EN 62479:2010 and BS EN 50663:2017.



RoHS stands for Restriction of Hazardous Substances and impacts the entire electronics industry and many electrical products as well. The Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, originated in the European Union in 2002 and restricts the use of six hazardous materials found in electrical and electronic products. All applicable products in the EU and UK market since July 1st 2006 must pass RoHS compliance.

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