

Mirror Lights

A mirror with lighting is the ideal combination bringing light directly where you need it but without glare. A lit mirror adds a new dimension to bathroom lighting working alongside ceiling or wall lights to create a pleasing overall effect. Some use LED and others have up to date fluorescent. Features may include; motion detection, shaver power point, demist pad, inbuilt clock, cabinet or shelf layout.

Ceiling Lights

Options for the ceiling include; recessed down-lighters, surface spot lights, flush lights and pendent fittings. Colour options are available as white, chrome and satin nickel. Ceiling lights will ordinarily provide the primary ambient light, to which may be added other light sources such as mirror lights, wall lights and feature lights.

Wall Lights

Lights either side or over the top of a mirror are an option and come in many styles from a simple shaver light upwards.

Wall lights come in modern and retro styles and also crystal bathroom lights are now available. Some have an integral shaver power point.

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Lighting for your Bathroom?

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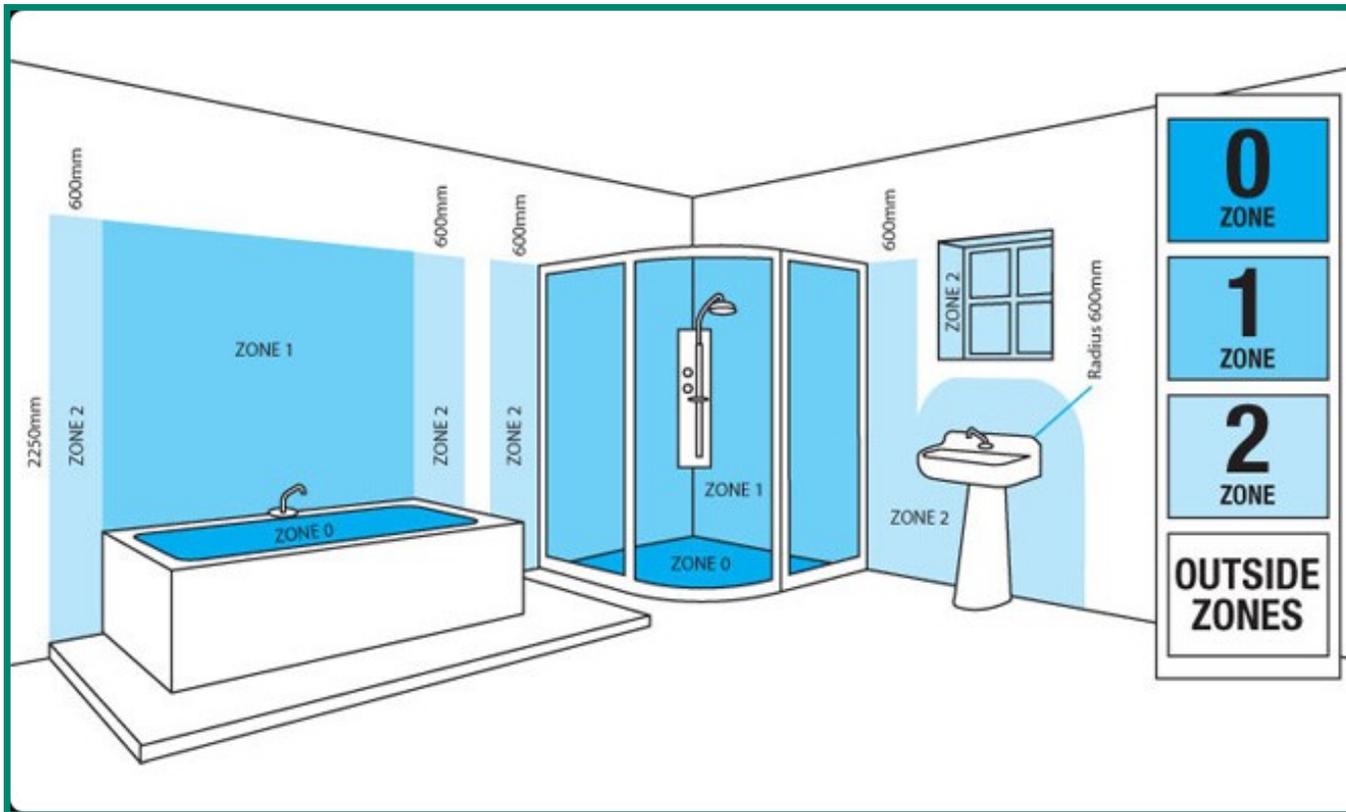


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Bathroom Lighting Regulations

The following is a guide as to what lights can be placed where in your bathroom. This is not an installation guide and reference should be made to the IEE Wiring Regulations (17th Edition) or a qualified electrician.

The diagram shows a bathroom split into four clear zones: 0, 1, and 2.



Bathroom Lighting IP

Bathroom lights are classified by IP rating (Ingress Protection) which is always followed by two characters. These two numbers refer to the level of protection and it is important that you choose fittings with the correct rating according to where they are to be sited within the bathroom.

Zone 0 Bathroom Lights are for the inside of the bath or shower tray itself. Any fitting used in this zone must be low voltage, (max 12v) and be rated at least IPx7.

Zone 1 Bathroom Lights can be used in the area above the bath or shower to a height of 2.25m from the floor. In this zone a minimum rating of IPx4 is required. If the fitting is 240v a 30ma residual current device (RCD) must also be used to protect the circuit in this zone.

Zone 2 Bathroom Lights can be used in an area stretching 0.6m outside the perimeter of zone 1 to a height of 2.25 from the floor, the area within 0.6m of the basin and inside the window reveal. In this zone IP rating of at least IPx4 is required. In addition to the above, if there is a likelihood of water jets being used for cleaning purpose in zones

1 and 2 a fitting rated IPx5 must be used. The first IP number is protection against solid objects and dust and is not relevant to bathroom fittings.

The second is protection against fluids . The relevant numbers are :

- 4** - Protection against water sprayed from all directions limited ingress permitted.
- 5** - Protection against low pressure jets of water from all direction - limited ingress permitted.
- 7** - Protection against the effects of immersion between 15cm and 1m.