



A Guide To Bathroom Wall Lights



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Whichever room you're lighting, wall lights always bring a degree of versatility. However, there are special considerations to be taken into account when choosing your bathroom wall lighting.

Where to Use Bathroom Wall Lights

Areas of the bathroom naturally suited to wall lights are places such as:

- Over the vanity unit
- Over the washbasin
- In the shower
- Surrounding the mirror – either a row of bulbs all the way round, a la Hollywood, or with diffuse shaded lights either side

The optimum position is with the bulbs at approximately eye level.

It's a good idea to switch your wall lights independently from other lighting circuits within the room; this allows them to be used alone for a relaxing atmosphere or along with the overhead light for practical purposes.

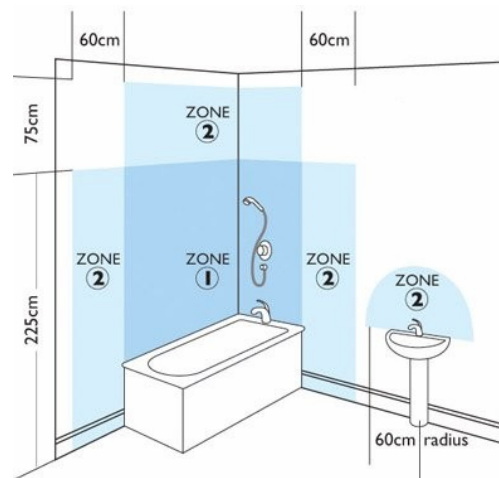
Bathroom wall lights must either be switched from the main light switch for the bathroom (this should be a ceiling mounted pull cord if inside the bathroom or standard wall switch only if outside of the bathroom) or a pull cord on the light itself, under no circumstances should a wall light be used that has a standard rocker switch built into the wall plate.

Can bathroom wall lights be dimmed? Yes the majority can, the only bathroom wall lights that cannot be dimmed currently are those that use fluorescent light bulbs or LED light bulbs (although we do have some LED bathroom systems that can be dimmed).

Electrical Safety Considerations & IP Ratings Explained

Safety should be uppermost in your mind when fitting bathroom lights we would always recommend using a fully qualified NIC registered electrician.

All European bathroom light fittings are categorized into zones. All of our bathroom wall light fittings indicate which zone of the bathroom they are suitable for, we have put together a handy guide below that shows **bathroom zones** and what is meant when a light fitting is **IP rated**.



Zone 0 is inside the bath or shower itself. Any fitting used in this zone must be a maximum of 12 volts and be rated at least IP67. In essence, these light fittings must be totally immersion proof.

Zone 1 is the area above the bath to a height of 2.25m from the floor. With a 240 volt fitting, a 30ma RCD must be in situ. A minimum rating of IP44 is required.

Zone 2 is the area stretching 0.6m outside the perimeter of the bath and to a height of 2.25m from the floor. In this zone a rating of at least IP44 is required. You should also consider the area surrounding the washbasin, within 60cm radius from any tap, as zone 2. This could, therefore, particularly relevant for wall lights above the basin.

If you are likely to be using jets of water for cleaning purposes in zones 1 and 2, you must use a minimum IP65 fitting.

Before you start drilling into your wall you should ensure that power is running close by; if you are in any doubt at all we strongly recommend that you consult a qualified electrician.

IP Ratings Explained:

IP rating means Ingress protection so basically how the light has been classed to stand up to solid objects and water ingress. The IP rating is quoted with 2 numbers after the IP, below is a full explanation of their meanings.

First Digit after the IP:

The first digit indicates the level of protection against solid objects the table below shows how these are gauged:

| | |
|---|---|
| 0 | No Special Protection |
| 1 | Protection from a large part of the body such as a hand (but no protection from deliberate access) from solid objects greater than 50mm diameter. |
| 2 | Protection against fingers or other object no greater than 80mm in length and 12mm in diameter. |
| 3 | Protection from entry by tools, wires etc. with a diameter of thickness greater than 1.0mm |
| 4 | Protection from entry by solid objects with a diameter or thickness greater than 1.0mm |
| 5 | Protection from the amount of dust that would interfere with the operation of the equipment |
| 6 | Dust tight |

Second Digit after the IP:

The second digit indicates the level of protection against moisture, the table below shows how these are gauged:

| | |
|---|---|
| 0 | No protection |
| 1 | Protection from dripping water |
| 2 | Protection from vertically dripping water |
| 3 | Protection from sprayed water |
| 4 | Protection from splashed water |

| | |
|---|---|
| 5 | Protection from water projected from a nozzle |
| 6 | Protection against heavy seas, or powerful jets of water |
| 7 | Protection against immersion in water |
| 8 | Protection against complete, continuous submersion in water |

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