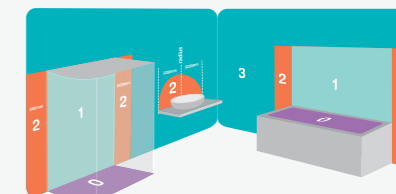




### What is bathroom zoning?

Light fittings are assigned an 'IP rating' which indicates how much protection they provide against ingress of water. The bathroom area is divided up into 'zones' 0-3 with each zone having a minimum IP requirement that must be met if a fitting is to be installed in this zone.



F02273 **Cane** round flush ceiling light 180mm **£55**



F02274 **Karin** round flush ceiling light 370mm **£95**



F02271 **Vivid** 3 light spotlight **£115**



F02269 **Vivid** 4 light bar spotlight 600mm **£179**



F02270 **Crystal** dropped chandelier 260mm **£199**



F02268 **Boutique** 5 light chandelier 495mm **£259**



F05664 GU10 Switchable and dimmable LED downlight **£40**  
 F08204 Brushed Nickel cover **£5**  
 F08205 Chrome cover **£5**



F05661 Motion sensor with adjustable timer and lux level **£145**



Illuminated LED floating shelf  
 F05662 600mm **£150**  
 F05663 900mm **£199**



iCON 15 extractor fan  
**Fan + module + venting kit**  
 F05652 Icon extractor fan **£130**  
 F05653 Pull cord module **£40**  
 F05654 Adjustable timer module **£45**  
 F05655 Adjustable humidity/timer module **£85**  
 F05658 Flexible duct venting kit **£35**  
 F05656 Cavity wall venting kit **£35**



Plinth Lighting  
 F05673 10 x LED **£89**  
 F05674 4 x LED **£55**  
 F05675 1 x LED (Add on) **£12**



F0672 Shaver socket cap **£40**



F002275 **Beam** wall light with pull cord **£69**



F02272 **Curve** wall light with pull cord **£69**



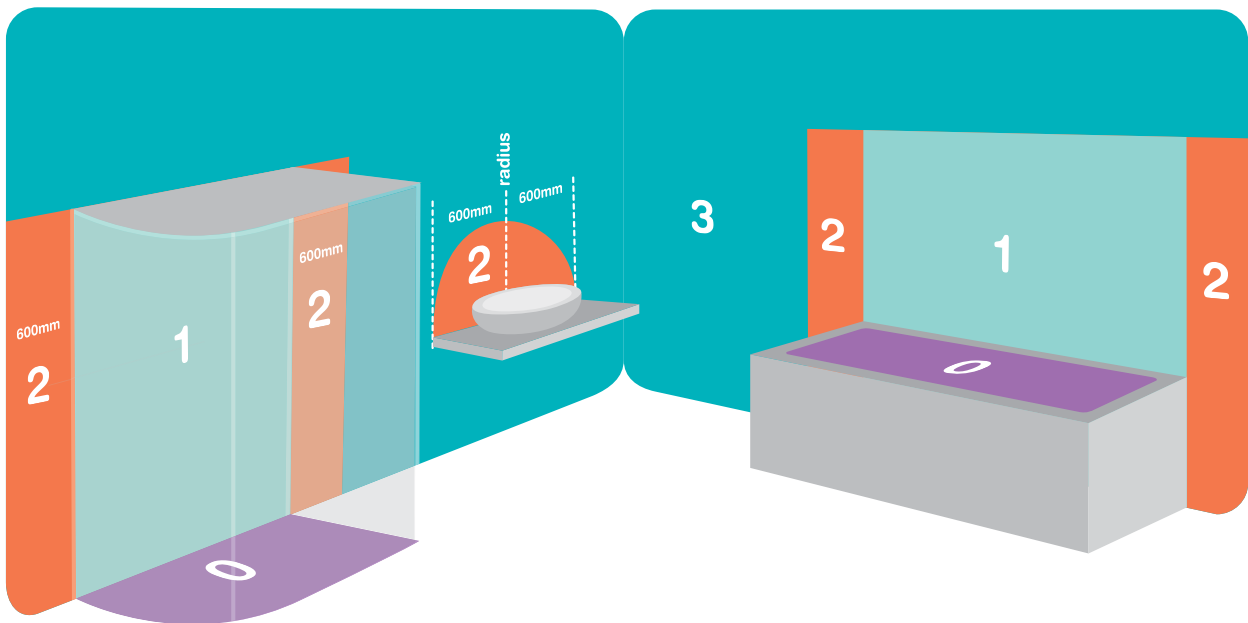
F02277 **Aqua** wall light with pull cord **£57**



F02278 **Hollywood** wall light **£130**

## What is bathroom zoning?

To illustrate IP zoning regulations, the bathroom area is divided up into areas or 'zones' which are classified using the numbers 0-3. Light fittings are then assigned an 'IP rating' which indicates how much protection they provide against ingress of water and other particles. Each zone has a minimum IP requirement that must be met if a fitting is to be installed in this area.



Zone	Definition
0	The interior of the bathtub or shower basin.
1	The area around the bathtub or shower basin up to a height of 2.25m above the floor and at a radius of 1.2m from the water outlet.
2	Is limited by the vertical planes external to zone 1 and parallel vertical planes 0.6m external to zone 1
3	Is limited to the vertical planes external to zone 2 and the parallel vertical planes 2.40m external to zone 2.

### Notes

**Zone 0** - Inside the bath or shower. Any fittings used here must be SELV (Separated Extra Low Voltage - max 12V) and have a minimum rating of IPX7 (IP67) (protected against immersion in water - total immersion proof).

**Zone 1** - Above the bath or shower to a height of 2.25m. A minimum rating of IPX4 (IP44) is required. In this zone, if there is a likelihood of water jets being used for cleaning purposes, a minimum of IPX5 is required. Also, subject to IP rating, SELV or 240V luminaires may be used in this zone; if the fitting is 240V, a 30mA residual current device (RCD) must also be used to protect the circuit in this zone.

**Zone 2** - The area stretching to 0.6m outside the bath or shower and above the bath or shower if over 2.25m. An IP rating of at least IPX4 (IP44) is required. In this zone, if there is likelihood of water jets being used for

cleaning purposes, a minimum of IPX5 is required. Also, subject to IP rating, SELV or 240V luminaires may be used in this zone. In addition, it is a good practice to also consider the area around the wash basin (within a 60cm radius of any tap) as Zone 2.

**Outside the zones** - anywhere outside zones 0, 1, and 2. Where water jets are not to be used for cleaning purposes, the general rules of BS7671 apply. Here, there is no requirement for any lighting solutions to be protected against particles or solid objects, e.g. IPX4 - no IP rating required.

*The above information is intended as a guide only. For detailed information, refer to the I.E.E. Wiring regulations (BS 7671: 2001 Section 601)*