

IP Rating (Ingress Protection)



Zone 1 - Above the bath or shower to a height of 2250mm. All lights fitted within this area must be a minimum of IP44 rated. Where a shower head is above the bath IP65 should be used. Lights must be protected by a 30mA RCD if supplied at mains voltage.

Zone 2 - 600mm outside of Zone 1 and a 600mm radius above washbasins. All fittings in this area should be a minimum of IP44, unless there is a danger of direct water jet spray in which case IP65 rating is required.

Outside Zones/Zone 3 - There are no special requirements in this zone in the UK. In Ireland Zone 3 requires IP rated products.

IP Rating Icon



SOLID OBJECTS

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| 1 | Protected against a solid object greater than 50mm such as a hand. |
| 2 | Protected against a solid object greater than 12.5mm such as a finger. |
| 3 | Protected against a solid object greater than 2.5mm such as a screwdriver. |
| 4 | Protected against a solid object greater than 1mm such as a wire. |
| 5 | Dust protected. Limited ingress of dust. |
| 6 | Dust tight. No ingress of dust. |

MOISTURE

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| 1 | Protected against vertical falling drops of water. Limited ingress permitted. |
| 2 | Protected against vertical falling drops of water with enclosure tilted up to 15° from the vertical. Limited ingress permitted. |
| 3 | Protected against sprays of water up to 60° from the vertical. Limited ingress permitted. |
| 4 | Protected against water splashes from all directions. Limited ingress permitted. |
| 5 | Protected against jets of water. |
| 6 | Protected against powerful jets of water. |
| 7 | Watertight against immersion in water between 15cm and 1m for 30 minutes. |
| 8 | Watertight against immersion in water for long periods. |