

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

- 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

- 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.