

Astro Lighting uses the IP code system to explain how well suited products are for humid and damp environments, such as bathroom and outdoors.

The IP code is an international standard, that classifies and rates the degree of protection against intrusion, dust, accidental contact and water.

IP consists of two digits. The first digit explains the effectiveness against intrusion of objects, the second the effectiveness against intrusion of moisture.

It important to protect electronics against contact with hands and fingers and Astro's product adhere to all the legal standards for this.



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# IP Classifications

## FIRST DIGIT

### INTRUSION PROTECTION

- 0 Not protected
- 1 Solid objects larger than 50 mm
- 2 Solid objects larger than 12 mm
- 3 Solid objects larger than 2.5mm
- 4 Solid objects larger than 1 mm
- 5 Dust protected
- 6 Dust-proof

Example: **IP68**

Dust-proof + Protected against the effects of long term immersion in water

## SECOND DIGIT

### WATER PROTECTION

- 0 Not protected
- 1 Vertically dripping water
- 2 Vertically dripping water at an inclination of 15° degrees
- 3 Splashes of water at an angle of up to 60° degrees
- 4 Splashes of water from all directions
- 5 Protected against water jets
- 6 Protected against powerful water jets
- 7 Protected against the effects of temporary immersion in water
- 8 Protected against the effects of long term immersion in water