

Ingress Protection (IP) Chart

Our extensive product range is researched and developed to perform in various environments such as coastal locations. Use the Ingress Protection (IP) Chart below to assist in selecting the ideal luminaire.

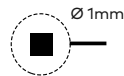
1st Digit

Degrees of protection against solid foreign objects indicated by the first characteristic numeral.
(See AS60529)



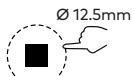
IP 1 **1X**

Solid bodies that are larger than 50mm (such as accidental contact with the hand) are protected against



IP 4 **4X**

Solid bodies that are larger than 1mm (such as fine tools) are protected against



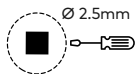
IP 2 **2X**

Solid bodies that are larger than 12.5mm (such as finger) are protected against



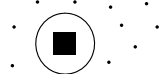
IP 5 **5X**

Dust is protected against (no harmful deposits)



IP 3 **3X**

Solid bodies that are larger than 2.5mm (such as tools) are protected against



IP 6 **6X**

Protected against dust completely

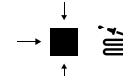
2nd Digit

Degrees of protection against water indicated by the second characteristic numeral.
(See AS60529)



IP 1 **X1**

Condensation is protected against



IP 5 **X5**

Jets of water from all directions are protected against



IP 2 **X2**

Water falling at up to 15° is protected against



IP 6 **X6**

Jets of water similar to heavy seas from all directions are protected against



IP 3 **X3**

Water falling at up to 60° is protected against



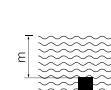
IP 7 **X7**

The effects of immersion are protected against



IP 4 **X4**

Water projections from all directions are protected against



IP 8 **X8**

Prolonged effects of immersion are protected at a specified depth