

ALU-CASTING.COM - IP RATINGS CHART - Short Description

First Digit (Protection against ingress of solid bodies)

0	Non-Protected
1	Protected against solid objects greater than 50mm diameter
2	Protected against solid objects greater than 12mm diameter
3	Protected against solid objects greater than 2.5mm diameter
4	Protected against solid objects greater than 1mm diameter
5	Dust-protected
6	Dust-tight

Second Digit (Protection against ingress of moisture)

0	Non-Protected
1	Protected against dripping water falling vertically greater than 50mm diameter
2	Protected against dripping water when the luminaire is tilted up to 15 degrees from its normal position
3	Protected against spraying water falling on the luminaire at any angle up to 60 degrees from the vertical
4	Protected against splashing water from any angle
5	Protected against water jets from any direction
6	Protected against powerful water jets
7	Protected against immersion in water under defined conditions
8	Protected against continuous submersion under manufacturers specified conditions

Example: IP65 = Dust-tight and protected against water jets from any direction.