



IP RATING CHART

IP Rating stands for Ingress Protection Ratings and are comprised of two digits: IP##



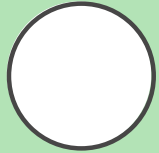
IP

The first digit refers to a light's protection against **solids**, like dust and particles

The second digit refers to **liquids**.

SOLIDS

LIQUIDS



No protection against entrance of solids

0



Protection against solids **larger than 50mm** (ex. hand/large tool)

1



Protection against solids **larger than 12.5mm** (ex. finger/small tool)

2



Protection against solids **larger than 2.5mm** (ex. wires)

3



Protection against solids **larger than 1.0mm** (ex. small wire/strap)

4



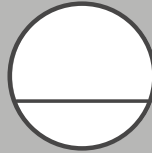
Dust protected. Dust must enter in large amounts for damage to occur

5



Dust Tight. Dust cannot enter

6



No protection against entrance of water

0



Protection against **vertical water droplets**

1



Protection against **water drops up to a 15 degree angle**

2



Protection against **water spray up to 60 degree angle** (for up to 3 min)

3



Protection against **water spray from any angle.** (for up to 10 min)

4



Protection against **water jets (4.4 psi) from any direction** (for up to 1 min)

5



Protection against **powerful water jets (150 psi) & heavy seas** (for up to 3 mins)

6



Protection against **full immersion (up to 3 feet)** (for up to 30 mins)

7



Protection against **full immersion (up to 12ft)** (For long periods of time, specified by manufacturer)

8

EXAMPLE

IP61



Dust tight.



Protection against vertical water droplets