

IEC Publication 529

Type of protection:

1) Protection from contact with parts under pressure inside the lamp and protection against entry of solid bodies.

2) Protection of the lamp against entry of water.

The symbol indicating the degree of protection consists of the letters IP, followed by two numbers, the explanation of which is shown below:

First digit

- | | |
|---|---|
| 0 | • Without special protection |
| 1 | • Protection against entry of solid bodies larger than 50 mm |
| 2 | • Protection against entry of solid bodies larger than 12 mm |
| 3 | • Protection against entry of solid bodies larger than 2,5 mm |
| 4 | • Protection against entry of solid bodies larger than 1 mm |
| 5 | • Protection against entry of dust |
| 6 | • Full dust protection |

Second digit

- | | |
|---|---|
| 0 | • Without special protection |
| 1 | • Protection of water that runs vertically |
| 2 | • Protection of water, running at an angle of 15° |
| 3 | • Protection of water sprinkled |
| 4 | • Protection of water pouring |
| 5 | • Protection from direct water |
| 6 | • Protection from bad sea conditions |
| 7 | • Protection against immersion in water |
| 8 | • Protection of sinking in water |