

## Installation of Valiryo in the shower space

### **NORMATIVE:**

Valiryo can be installed inside the shower space because it has an IP56 Protection Index against the entry of water and dust, accredited by the international certificate:

#### **C / 180465I2**

carried out under the UNE-EN 60529: 2018 (IEC 60529: 1989) and UNE-EN 60529: 2018 / A1: 2018 (IEC 60529: 1989 / A1: 1999) standards in the independent laboratory “Technological Institute of Aragon”, with laboratory accreditation ILAC Nº 100 / LE257.

This certificate is included in the international certificate:

#### **CB Scheme: BE-8415**

accredited by the independent laboratory “SGS Tecnos, S.A.” with laboratory accreditation ILAC Nº 5 / LE011.

The standard DIN VDE 0100-701:2008-10; VDE 0100-701:2008-10, explains the requirements for low voltage electrical installations in sites containing a bathtub or shower.

This standard indicates in point 701.512. 2 on external influences that electrical equipment such as Valiryo must have at least IPX4 index to be installed in volume 1 and 2 (shower area), and an IPX5 in the case of equipment such as Valiryo that may be subjected to blasts of water

Summarizing, Valiryo can be installed within the shower plate, as it complies with the standards (Valiryo has a higher IP rating than the one required to install electrical equipment in the wet areas of the shower).

See the chart below:

Voltage	Standard	Valiryo
Private places	IPX4	IP56
Public places	IPX5	IP56

**ELECTRIC DATA:**

Voltage	220-240 V~; 50-60 Hz
Amperage	12 A
Power	2800 W
Insulation Class	Class II
Power cord	Sección 1,5 mm <sup>2</sup> H05VV-F

**ELECTRICAL INSTALLATION:**

Isolate Valiryo's installation using a magneto thermic switch of 16A  
To additionally protect the installation, it is recommended to install a residual current disconnection device (RCD), not higher than 30 mA in the electrical circuit of the equipment according to UNE-HD 60364-4-41: 2010.

