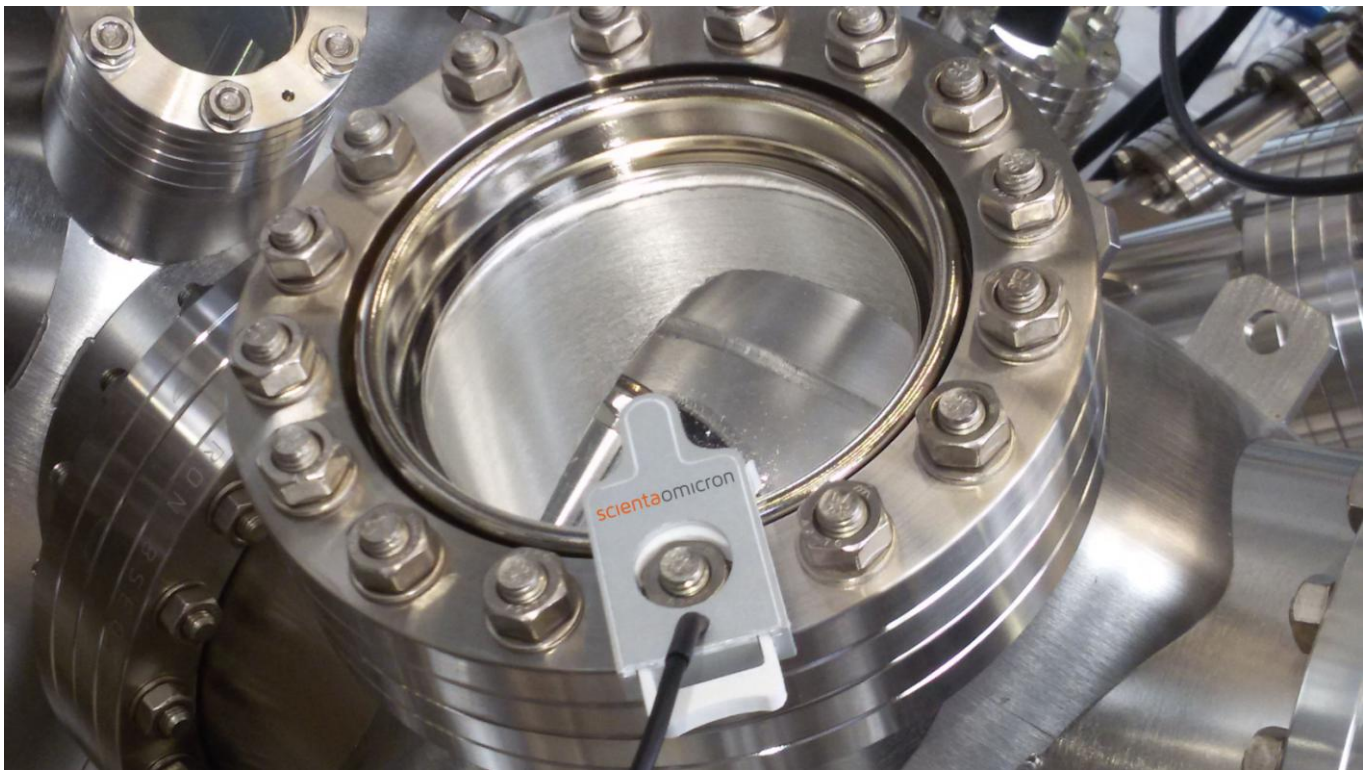




Technical Data

| | |
|-----------------------|----------------------|
| Power Supply Voltage: | 12V DC |
| Beam Angle: | 60° |
| Power Consumption: | 1,5W |
| Color Temperature: | 5700K |
| Cable Connection: | Power Jack 5.5 x 2.1 |
| Max Ambient Temp.: | 45°C |
| Lifetime: | 50.000 hours |

Vacuum Chamber LED Light is an advanced light source designed to illuminate UHV systems and can be clamped onto flange nuts or bolts. The light is compatible with M8 and M6 nuts and is stable in any orientation on UHV-viewports. Due to LED technology it is efficient and has a very long lifetime.



Installation

Attention: Use only cables and power supplies that have been supplied with the product or are definitely named as accessories. Otherwise the product may not be sufficiently safe.

- Make sure that the leads are not defective
- Connect the LED-Light to a stabilized voltage source capable of supplying 200 mA DC
- The Light has a power jack 5,5 x 2,1 mm connector
- Use a compatible plug to connect to the voltage source

Safety Instructions

Attention: Optical radiation. Do not stare into the beam!



Normal Use

This product is made for illumination purposes. It

- May only be used indoors, in rooms meeting the following requirements
 - o altitude up to 2000 m,
 - o temperatures between 5°C / 41°F and 40°C / 104°F (specifications guaranteed between 20°C / 68°F and 25°C / 77°F)
 - o relative humidity less than 80% for temperatures up to 31°C / 88°F (decreasing linearly to 50% relative humidity at 40°C / 104°F)
 - o pollution degree 1 or better (according to IEC 664),
- May only be operated with 12 V power supplies (DC 12 V / 200 mA)
- Must not be subjected to strong mechanical strain, moisture or soiling
- Must not be used after having been stored under wet or dirty conditions