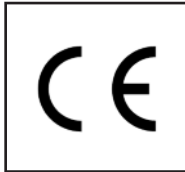


Light Source Safety and Electro Magnetic Compliance

Electronic devices manufactured within the USA

SCHOTT North America makes every effort to meet or exceed the guidelines set forth by CSA (Canadian Standard Association). To comply with fire/safety codes, products sold in the United States should be certified to comply with the requirements set by OSHA, the governing body responsible for product safety in the U.S.A. A well-known company providing this service in the United States is UL, a private, for-profit business that certifies to OSHA standards. CSA is a Canadian counterpart of UL, given permission by OSHA to test and certify to OSHA safety standards. SCHOTT North America uses CSA to certify that the manufactured products are in compliance with both OSHA and Canadian safety standards, and meet UL specification 1571. As a matter of operational policy, CSA randomly visits the Auburn facility 4 times a year. Each visit is made by a different inspector who follows the procedure according to the current CSA guidelines.



CE Safety

To pass the low voltage CE safety directive 73/23EEC, we chose British standard EN60950 (Canadian standard CSA950 equivalent) as a best match for our product. We declare the CE safety directive using a "Manufacturer's Declaration of Conformity".

CE Emissions

EN50082-1 Class A (Industrial). We use a third party facility to verify both conducted and radiated emissions and immunity compliance. Should you require verification of our compliance, a certificate is included with every light source. Duplicates are available upon request.

Electronic devices manufactured within the European Union

The SCHOTT KL-Series cold light sources for microscopy applications are certified as laboratory devices, the KL 1500 LCD and KL 2500 LCD are also certified as medical electrical devices. The 230 V versions are in conformity with the European Low Voltage Directive (73/23/EEC) and EMC Directive (89/336/EEC). Accordingly, they follow the European low voltage standard about laboratory devices EN 61010-1 and the corresponding EMC standard EN 61326-1. The KL1500 LCD and KL2500 LCD additionally comply with the European safety standard about medical electrical devices EN 60601-1. The 120 V versions of all KL light sources comply with the US safety standard UL 3101-1 and the Canadian standard CSA 1010.1. The KL1500 LCD and KL2500 LCD additionally comply with the standards about medical electrical devices UL 2601-1 resp. CSA 601.1. The compliance of all KL light sources with the listed standards have been tested and certified. The 230 V versions carry the European conformity sign and the certification marks and the 120 V versions carry the certification mark.

The VisiLED product line for Stereo Microscopy complies with the standards mentioned above (EN61010-1, EN60601-1, EN 61326-1, UL3101-1, UL 2601-1, CSA 1010.1 and CSA 601.1). Additionally, it is classified as a Class 1 product according to the European Laser standard EN60825-1. The VisiLED power supply carries the conformity sign, and has been approved by the TÜV Rheinland and carries the corresponding "GS" sign. Additionally, the certification mark proves the compliance with US and Canadian standards.

*Product improvements may result in specification
or feature changes without notice.*

Lighting and Imaging

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