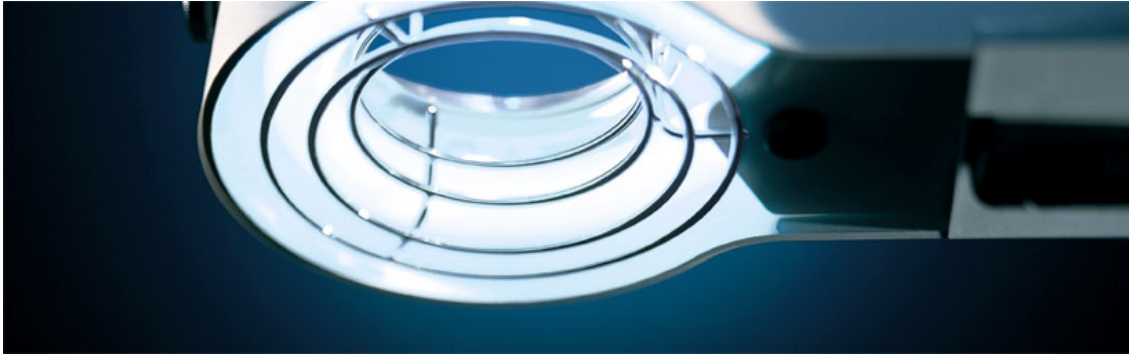


PHOTONIC
OPTICS**FLUORESCENT ILLUMINATION**
UNIFORM AND FLICKER-FREE ILLUMINATION

This fluorescent ringlight was developed for applications requiring especially homogeneous, flicker-free illumination. It combines the properties described above with an ESD-shielded housing and two brightness levels. The high quality and homogeneity of the illumination provided by this light makes it suitable for a wide range of applications.

FLUORESCENT ILLUMINATION
COMPONENTS**Fluorescence Ringlight**

The fluorescent ringlight provides bright, uniform and homogenous light to the illumination area. A new smooth lamp ignition system increases lamp life. The housing is thermally non-conductive and its anti-static material ensures good ESD results.

**Fluorescent- Ringlight with UV lamp**

This fluorescent- ringlight set is equipped with a UV lamp to produce blacklight. This special light is used to make the fluorescent qualities of some materials visible. There are various applications for such methods in the area of medicine and biology.


**Control Unit**

The compact control unit features an ON-OFF switch, an infinitely adjustable brightness regulator with a "turbo range", and two connection sockets for accommodating the LED illumination units.

**Switch-mode power supply**

As the switch-mode power supply has a voltage range of 100–240 V, 50/60 Hz it can be used all around the world. It supplies the control unit with a stable 24 V DC and makes the system immune to variations in voltage.

FLUORESCENT ILLUMINATION TECHNICAL DATA

	Ringlight	Lamp Color temperature Dimension max. Mounting Lamp housing	annular arched fluorescent lamp 5.500 K 98 x 170 mm, height 37 mm clamp with screws, optional: mounting element for gooseneck white synthetic ESD material, surface resistance (10 E9-10 E11 Ohm/sq)(connected with ESD socket on ballast via 10MOhm protective resistor)
	Electronic control unit	Power supply On/off switch Dimensions ESD connections Switch	24 V DC +/- 1 V, hollow plug 5.5 x 2.1 mm, 450 mA oder 12 V DC (12-16 V DC), 1 A @ 12 V 95.5 x 64 x 28.5 mm 4 mm banana pin for 2 brightness settings
	Power Pack	Plug connection Voltage range Mains frequency Power Input max.	3-pin IEC 320 100-240 V 50-60 Hz 15 VA

FLUORESCENT ILLUMINATION ACCESSORIES



ESD protection granting

This is an optional feature of the ringlight to prevent the operator coming into contact with the fluorescent lamp accidentally. The metal guard is contacted with the ESD socket, making it unique in terms of machine-vision illumination.



Goose neck light guides

In single or dual leg versions, these light guides also allow spot illumination. A semi-rigid protective or sheathed tube permits the light guide to be positioned in the directions required.



Base plate

The base plate can be used in combination with a gooseneck to optimally position a light guide and to operate the ringlight in stand-alone mode.