



Steinbeis
Qualitätssicherung und
Bildverarbeitung GmbH

RingLights

Illumination rings for precision metrology and for rotationally symmetrical measuring objects

Ring-shaped illumination systems are essential for testing rotationally symmetrical objects.

For tests on rotationally symmetrical objects, such as detection of surface defects and measurements on pipes, illumination rings are required for complete illumination of the objects to be measured.

RingLigths are also available for attachment to the lens for incident light illumination, for example in precision measurements.

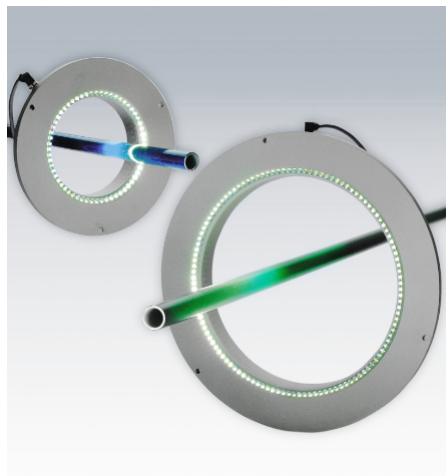
For our ViScan product, we have a specially developed controllable four-quadrant illumination for a lens series with several imaging scales in our range.

Features

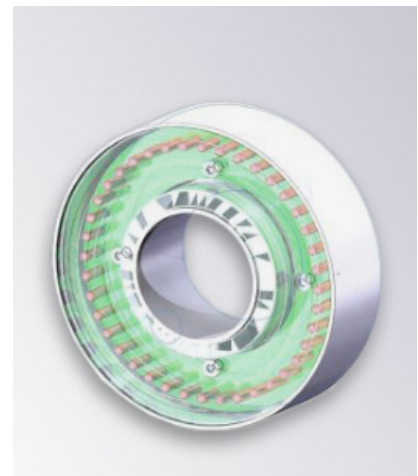
- Compact and system-flexible design
- Operation in flash and continuous mode possible
- Very flexible solution for your lighting application
- Quick adjustment to your lighting problem due to adjustable brightness
- Suitable controllable power electronics are available
- Optimised illumination of the object scene on rotationally symmetrical components
- Customer-specific adjustments for the light wavelength
- Customer-specific developments/adaptations according to your requirements are possible



RingLight on the Zeiss Viscan for precision measurements



RingLight on the PipeScan for measurement and surface inspection on pipes



RingLight for camera lens with custom diameter

Contact

Dipl.-Ing. Steffen Lübbecke
 Phone +49 (0) 36 77 · 46 90 59 12
 E-Mail steffen.luebbecke@sqb-ilmenau.de

M. Sc. Norbert Jahn
 Phone +49 (0) 36 77 · 46 90 59 15
 E-Mail norbert.jahn@sqb-ilmenau.de