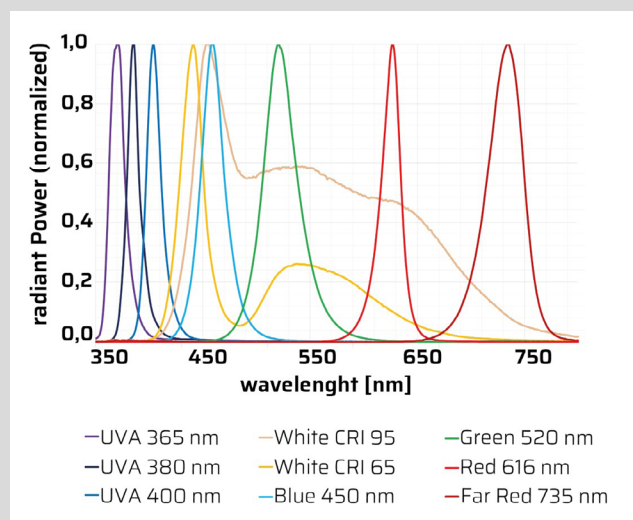


VIS LED LIGHT SOURCE ROTATABLE THROUGH 360°, HIGH-PERFORMANCE XE REPLACEMENT BULB

luxyr® LED INSPEX



Front view of the luxyr LED INSPEX



Spectrum of the luxyr LED INSPEX

The LUXYR LED INSPEX is a single-channel VIS LED light source that can be rotated around the horizontal axis, and a high-performance replacement for high-power xenon lamps in optical inspection and image processing. Compared to xenon light sources, the long-life LED technology ensures a significantly longer service life and low maintenance requirements.

A range of LED types, an adjustable aperture and the ability to rotate and lock the alignment allow for precise adaptation to the specific inspection task. The external, replaceable air filter ensures easy maintenance by the user.

PRODUCT HIGHLIGHTS

- 1-channel VIS LED light source
- Choice of various LED types with up to 22 W optical power
- LED service life > 30,000 h
- Rotatable and lockable, adjustable aperture
- Easy air filter replacement

AREAS OF APPLICATION

- Industrial quality control
- Surface inspection
- Component inspection
- Test and measurement systems
- Automated inspection systems

Input parameters

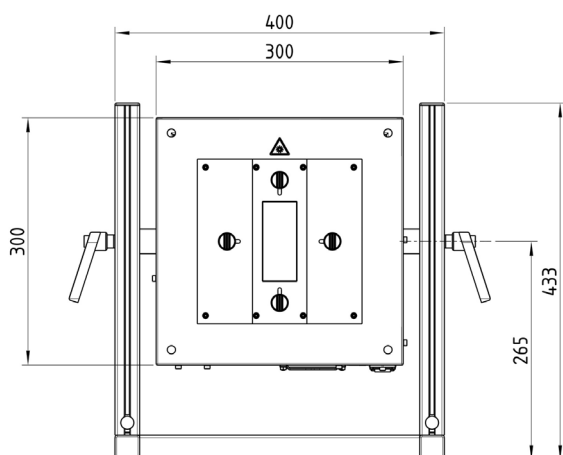
Type of illumination	Point light source
Spectral distribution	See spectrum page 1
Distance from light source to aperture	75
Clear width of aperture (in mm)	18 - 42
Clear height of aperture (in mm)	62 - 97

Optical parameters

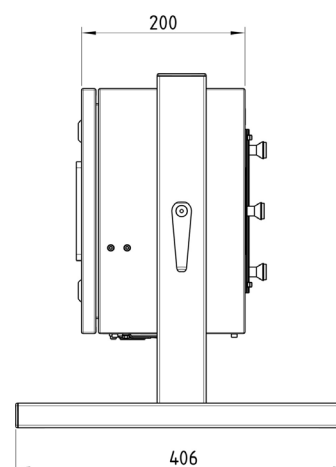
LED type	Optical performance of the light engine
White (CRI95)	7.3 W
White (CRI65)	13.9 W
UVA-365nm	4.4 W
UVA-380nm	11.8 W
UVA-400nm	21.9 W
Blue-450	14.3 W
Green-520	7.7 W
Red-616	5.6 W
Far-Red-735	5.8 W
Service life	30,000 h

Others

Power consumption	max. 220 VA
Dimensions (W/H/D)	approx. 310 mm x 310 mm x 230 mm
Weight	approx. 12 kg
Scope of delivery	Light source with integrated, replaceable light unit, mains lead, instruction manual



Top view of the front of the luxyr LED INSPEX | dimensions in mm



Front view of the Luxyr LED INSPEX | dimensions in mm

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