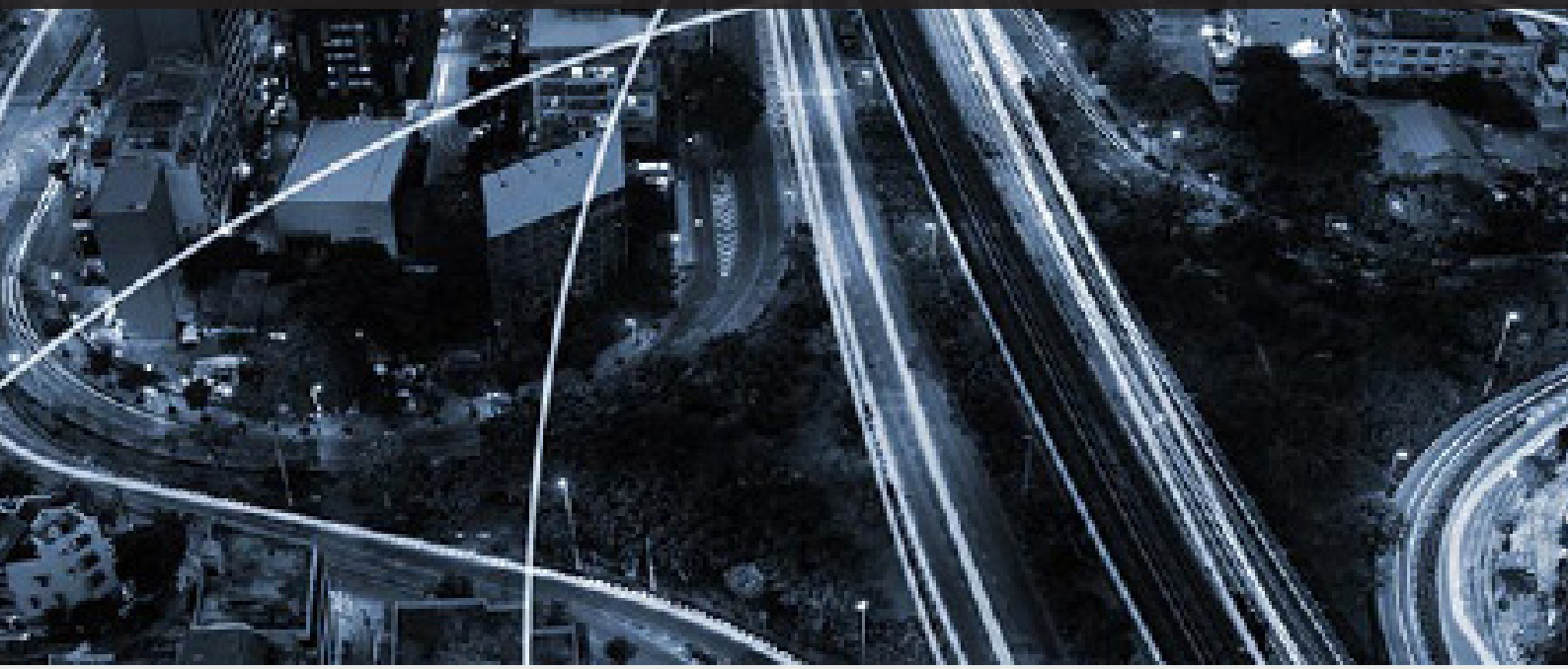
ZKV

DATASHEET



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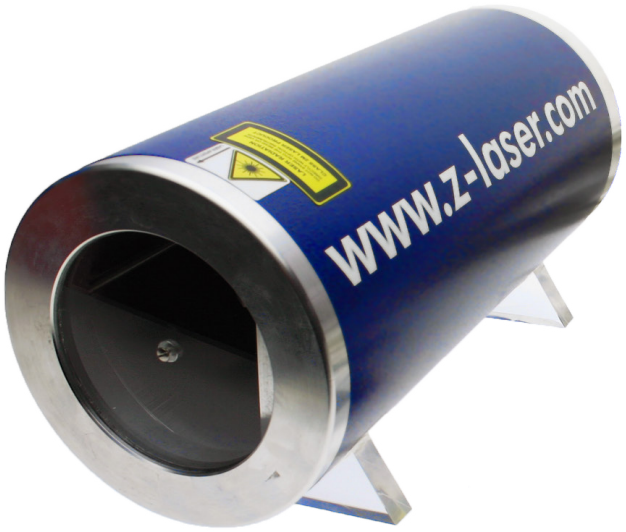
ZKV
Flexible circular laser

The adjustable circular laser facilitates many applications with its variable opening angle. Here, angles from 15 ° – 70 ° can be selected with a remote control. Depending on the mounting height, this results in a circular diameter of 500 mm to a maximum of 5,600 mm.

The eye-safe laser class 2M makes working without goggles easy. Traditionally, this type of adjustable circular laser is used in barrel construction or cable drum construction.

The circular laser makes the correct positioning of round objects much easier, and can adjust to templates with different diameters. The positioning laser proves to be the perfect solution for the construction of large cable drums or wooden drum bases. The projected circle clearly indicates the outer contour of the round workpiece, and individual wooden strips can be easily and accurately merged. This saves both material and time.



Highlights

- Circular Projection
- Adjustable diameter
- No n33e of templates
- Thread holes for easy mounting over working area

Mechanical specifications

Dimensions	Ø 150x345mm
Housing	Aluminium
Connection	AC/DC adapter, europlug
IP rating	IP65
Laser class	2M (EN 60825-1:2007)
Standardisation	EMC-Standard class 4

Electrical specifications

Output power	Rotating dot laser creating a circle 5mW/635nm or 5mW/515nm
Supply voltage	100 – 230VAC ±10%; 50 – 60Hz

Optical specifications

Wavelength	515nm, 635nm
Available projection	Circle
Optical angle	15° to 70° (variable)

Environmental conditions

Housing temperature	-10°C to +40°C

Circle diameter

Distance*	Min. diameter (15°)	Max. diameter (70°)
500mm	135mm	700mm
1000mm	270mm	1400mm
2000mm	540mm	2800mm
3000mm	810mm	4200mm
4000mm	1080mm	5600mm

*Measuring reference point is the front of the circle laser

CE CE-Conformity according to the directives 2004/108/EC and 73/23/ECC excluding connection type.