Vision & Control GmbH
Phone: +49 36 81 / 79 74 11
www.vision-control.com

vicolux® Telecentric Light - TZB51-G525/UDC/-a

Short description: telecentric light, green, lf diameter: 49 mm, flashable by flash controller

Order number: 1-10-944

EAN: 4251692646441

Characteristics

- flashable telecentric LED lighting - parallel (collimated) beam path
- ideal as backlight in combination with telecentric lenses
- for the targeted highlighting of edges and surface structures as well as for the detection of inclusions and defects in transparent materials
- connection: cable with M8 connector
- diverse attachment options and extensive accessories

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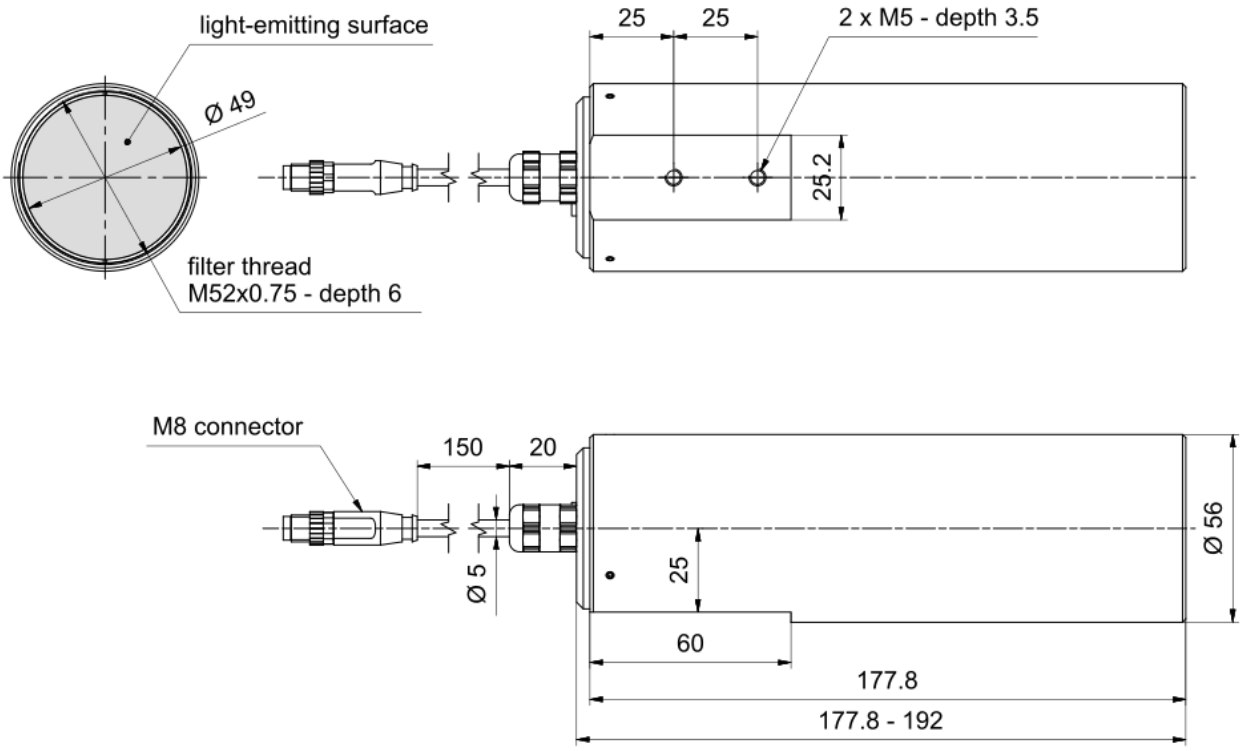
Technical data

Light-emitting surface	Diameter: 49 mm
Light design	Telecentric
Light colour (typ.)	Green, 525 nm
Special feature	Flashable max. 0,5 ms und 15% on-time
Continuous current ($I_{LED)}$	max. 30 mA
Pulse mode	2 x I_{LED}
Flash mode	5x I_{LED}
Housing material	Aluminium, black anodised
Optical material	Glass
Filter thread	M52 x 0.75 - depth 6 mm
Weight	530 g
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Freie Gruppe
Ambient temperature	0 °C ... 45 °C

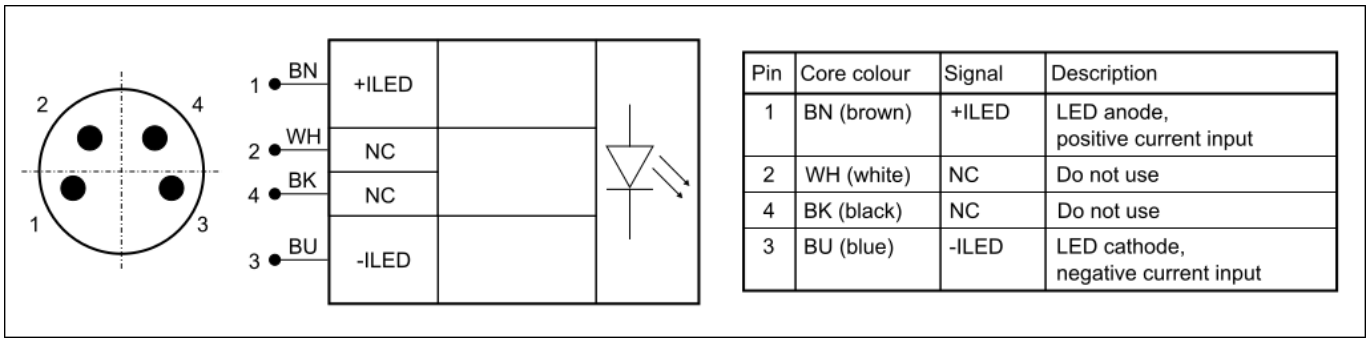
Notices

The lighting can only be operated in conjunction with a suitable Current source.

Drawings



Dimensional drawing in mm



Pin	Core colour	Signal	Description
1	BN (brown)	+ILED	LED anode, positive current input
2	WH (white)	NC	Do not use
4	BK (black)	NC	Do not use
3	BU (blue)	-ILED	LED cathode, negative current input

Pin assignment: M8 connector