
Telecentric Light - TZB30-W5K7

Short description: telecentric light, white, If diameter: 30 mm,
static, cable open-ended

Order number: 1-10-167

EAN: 4251692646106



Characteristics

- 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
 - lighting controller integrated in the housing - brightness adjustable
 - connection: cable with M8 connector
 - diverse attachment options and extensive accessories
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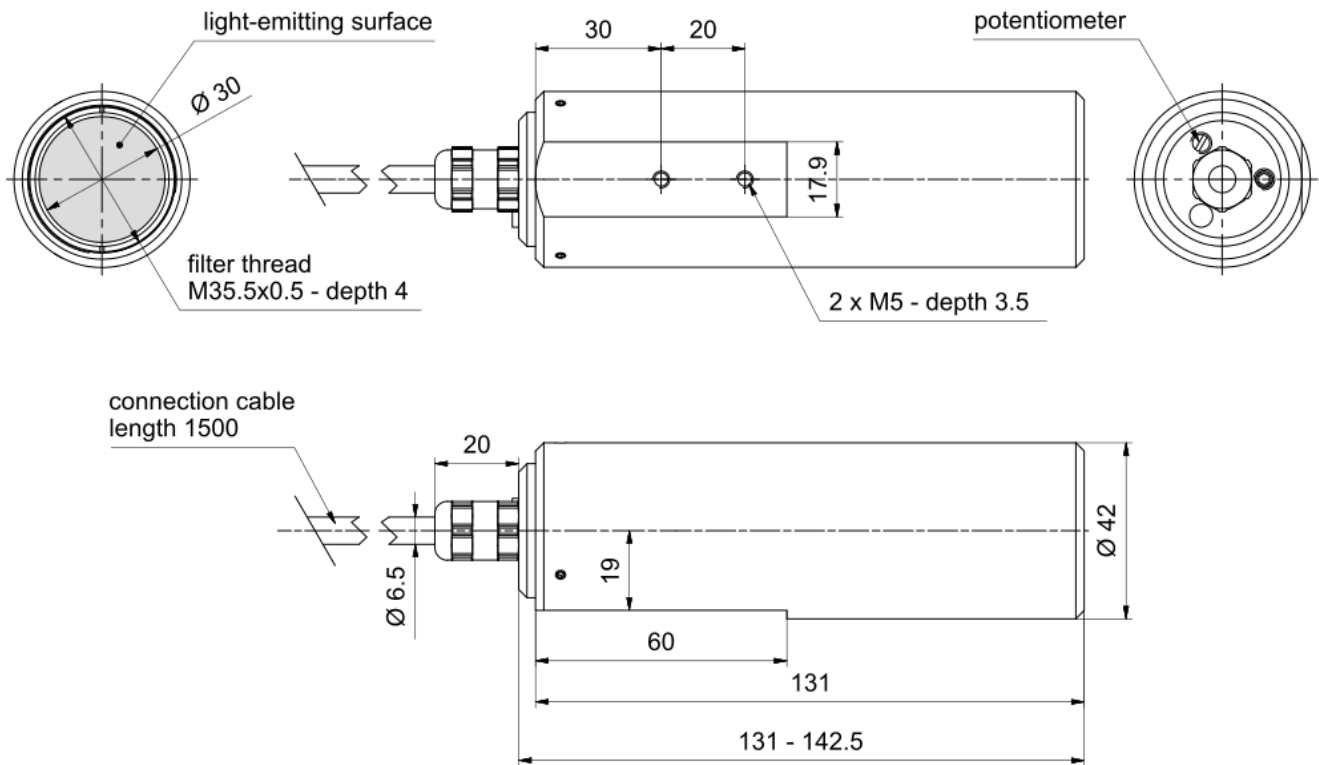
Technical data

Light-emitting surface	Diameter: 30 mm
Light design	Telecentric
Light colour (typ.)	White, 5700 K
Luminous flux (typ.)	35 mlm
Operating mode	Switchable continuous operation
Special feature	Brightness setting manually on the potentiometer
Operation voltage	10 ... 30 VDC
Power consumption	max. 3.6 W (150 mA at 24 VDC)
Housing material	Aluminium, black anodised
Optical material	Glass
Filter thread	M35.5 x 0.5 - depth 4 mm
Weight	350 g
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Risk group 0 (exempt group)
Ambient temperature	0 °C ... 45 °C
Cable	
Cable length	1,500 mm
Cable diameter	6.5 mm
Cable structure	4 x 0.25 mm ² and 3 x 0.5 mm ²
Drag chain suitable	Yes

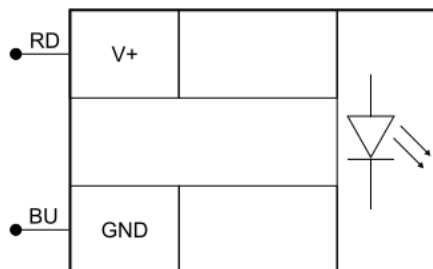
Accessories for Telecentric lights - TZB30-W5K7

Order number	Title	Description
<i>Polarising filters</i>		
2-91-222	Pole filter M35.5x0.5	Linear polarizing filter, range 420 nm - 780 nm, filter thread M35.5x0.5
<i>Deflection mirror 90° series</i>		
2-25-114	Deflection mirror 90-42	90° deflection, attachment for telecentric lenses and lightings with d = 42 mm

Drawings



Dimensional drawing in mm



Core colour	Signal	Description
RD (red)	V+	Operating voltage
BU (blue)	GND	Ground

Pin assignment: cable open, 2-core