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

vicolux® Spot Light - ULS6-IR850/C

Short description: universal spot light, IR850, lf diam.: 6 mm, optional beam shape optics, controlled, M5

Order number: 1-29-005

EAN: 4251692648100

Characteristics

- LED spot light with direct illumination
- homogeneous illumination
- lighting controller integrated in casing
- continuous or pulsed operation
- pulse-length and brightness adjustable
- connection: M5 plug on the casing

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Technical data

Light colour	Infrared, 850 nm
Operation voltage	24 VDC (10 - 30 V)
Housing material	Aluminium, black anodised
Weight	23 g
Degree of protection	IP54
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Freie Gruppe
Ambient temperature	0 °C ... 40 °C

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Accessories for Spot lights - ULS6-IR850/C

Order number	Title	Description
Accessories for ULS6 series		
1-29-030	C-Mount Adapter ULS6	for ULS6, for use with C-Mount lenses
1-29-035	SpotLens-100-18 ULS6	for ULS6, for working distance 100 mm, spot diameter 18 mm, incl. screws
Connection cable M5-4pin		
1-11-117	Cable-M5-4p-1A-straight-2m	4x0.14mm², 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-116	Cable-M5-4p-1A-straight-5m	4x0.14mm², 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-105	Cable-M5-4p-1A-angled-2m	4x0.14mm², 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end
1-11-104	Cable-M5-4p-1A-angled-5m	4x0.14mm², 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end

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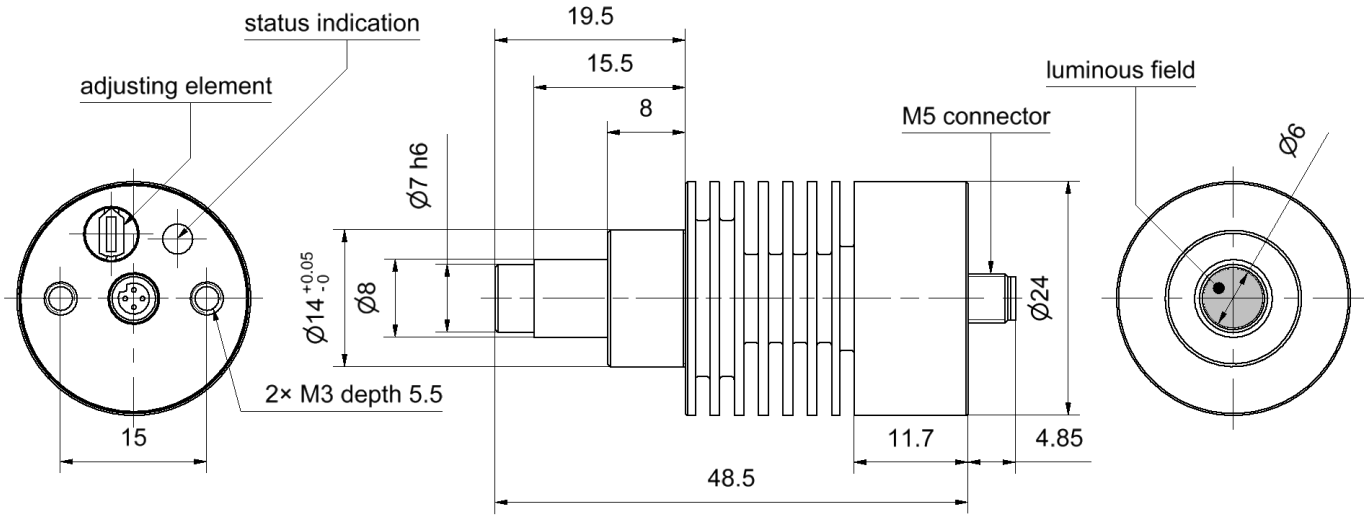
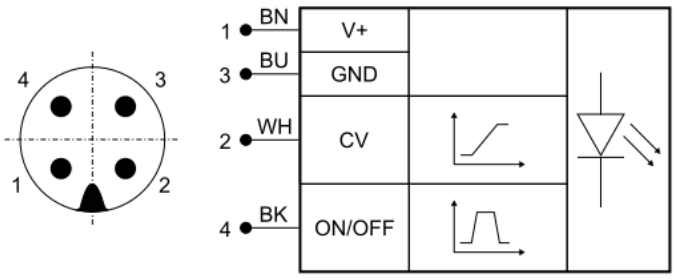
Drawings



Dimensional drawing in mm



Pin	Core colour	Signal	Description
1	BN (brown)	V+	Operating voltage
2	WH (white)	CV	Control voltage
3	BU (blue)	GND	Ground
4	BK (black)	ON/OFF	Switch input

Pin assignment: M5 connector