
vicolux® Bar Light - LAL7x25-IR850/UDC/-a- Luminous Field Size 7 mm x 25 mm

Short description: bar light, IR850, directed, lf-size: 7 mm x 25 mm, flashable by flash controller

Order number: 1-34-004

EAN: 4251692674024



Characteristics

- LED bar light with direct illumination
 - homogeneous illumination
 - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
 - metal casing, optical material: PMMA
 - multiple mounting options
 - connection: cable with M8 connector, cable outlet left
 - Alternative: cable outlet right (Order no. 1-34-204)
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Technical data

Luminous field	7 mm x 25 mm
Light colour	Infrared, 850 nm
Light design	Directed
Special feature	Flashable with flash controller
Degree of protection	IP50
Safety class	III, Schutzkleinspannung (SELV)
Risk group (DIN EN 62471)	Risk group 0 (exempt group)
Ambient temperature	-10°C bis 45°C
Housing material	Aluminium black anodised
Weight	23 g
Power consumption	max. 0.4 W
Irradiance ¹⁾	
• Continuous operation	110 W/m ²
• Flash mode	2090 W/m ²
¹⁾ working distance = 50 mm	

Can be combined with

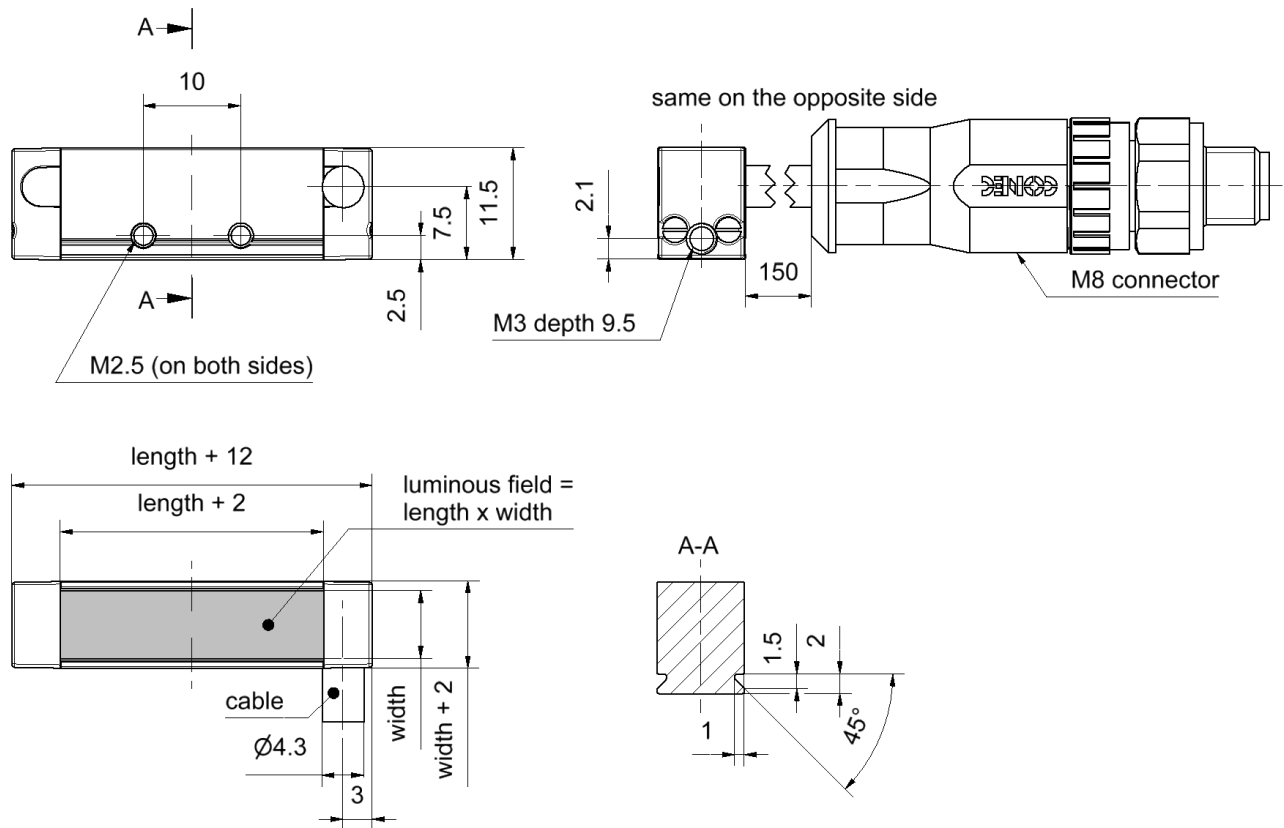
Order number	Title	Description
LED Controller DLC3005		
1-30-202	DLC3005	LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting
1-30-209	DLC3005-R	LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting

Accessories for Area and Bar lights - LAL7x25-IR850/UDC/-a

Order number	Title	Description
Mounting Systems		
1-16-826	Tension clamp LxL7 series	for variable attachment and extension of the LxL7 series, l=25mm, w=17mm
Polarisers for 7 mm Bar Lights		
1-16-901	Polarizer 7x25, linear	for LxL7x25, 400 - 700 nm, plate thickness 0.2 mm, self-adhesive
Connection cable M8-4pin		
1-11-611	Cable-M8-4p-5A-straight-1m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-612	Cable-M8-4p-5A-straight-2m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-613	Cable-M8-4p-5A-straight-3m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-614	Cable-M8-4p-5A-straight-5m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-609	Cable-M8-4p-4A-straight-5m	4x0.25mm ² , 4A, 60V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-605	Cable-M8-4p-4A-angled-2m	4x0.25mm ² , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end
1-11-604	Cable-M8-4p-4A-angled-5m	4x0.25mm ² , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end
Extension cable M8-4pin		

Order number	Title	Description
1-11-093	Extension cable-M8-4p-5A-0.6m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug
1-11-094	Extension cable-M8-4p-5A-1.5m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug
1-11-095	Extension cable-M8-4p-5A-3.0m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug

Drawings



Dimensional drawing in mm: length = 25 mm; width = 7 mm



Pin assignments, M8 connector