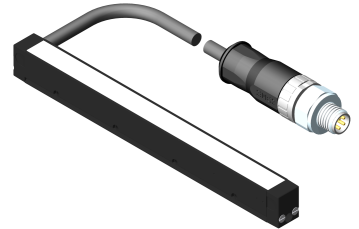

vicolux® Bar Light - LAL7x150-IR850/UDC/-a- Luminous Field Size 7 mm x 150 mm

Short description: bar light, IR850, directed, lf-size: 7 mm x 150 mm, flashable by flash controller

Order number: 1-34-029

EAN: 4251692674277



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. 1-34-229)
-

Technical data

Luminous field	7 mm x 150 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	44 g
Power consumption	max. 2.4 W
Irradiance ¹⁾	
• Continuous operation	140 W/m ²
• Flash mode	1610 W/m ²
¹⁾ working distance = 50 mm	

Can be combined with

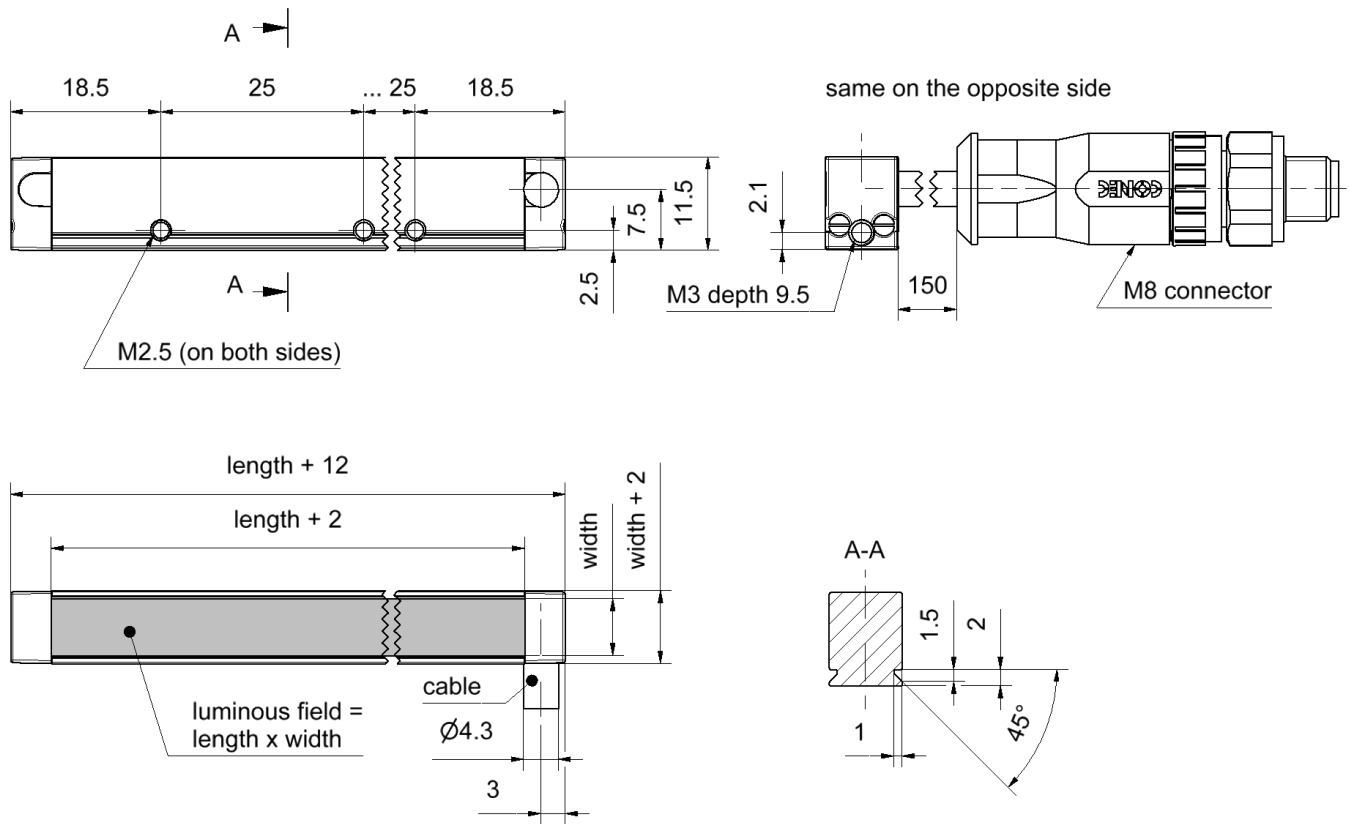
Order number	Title	Description
LED Controller DLC3005		
1-30-202	DLC3005	LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting
1-30-209	DLC3005-R	LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting

Accessories for Area and Bar lights - LAL7x150-IR850/UDC/-a

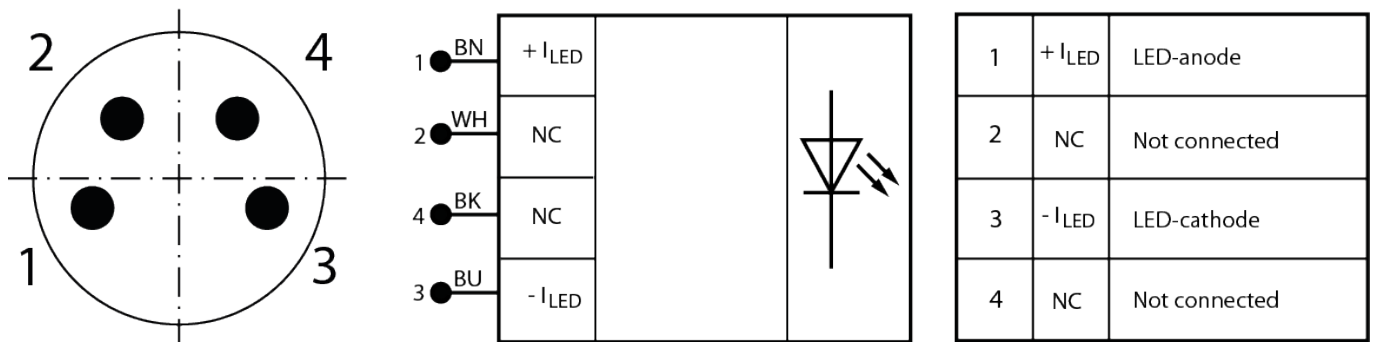
Order number	Title	Description
Mounting Systems		
1-16-826	Tension clamp LxL7 series	for variable attachment and extension of the LxL7 series, l=25mm, w=17mm
Polarisers for 7 mm Bar Lights		
1-16-906	Polarizer 7x150, linear	for LxL7x150, 400 - 700 nm, plate thickness 0.2 mm, self-adhesive
Connection 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 = 150 mm; width = 7 mm



Pin assignments, M8 connector