
vicolux® Bar Light - L-CLR-10x90-IR860-P-SL- Luminous Field Size 10 mm x 90 mm

Short description: bar light, IR860, directed, lf-size: 10 mm x 90 mm, P-LED, smart light

Order number: 1-05-014

EAN: 4251692660140



Characteristics

- flashable bar light with direct illumination
 - thermally optimised line profile, metal casing, light field cover made of glass
 - connection: M8 plug on the casing
 - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
 - multiple mounting options
 - further lengths available on request
 - Ideally suited for multispectral applications in the NIR and SWIR range, thanks to simple combination with other illuminators of the same design
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Technical data

Luminous field	10 mm x 90 mm
Light colour	Infrared, 860 nm
Beam angle	x=15° y=45° (elliptical)
Special feature	Flashable with flash controller
Degree of protection	IP67
Safety class	III, operation on protective low voltage
Risk group	1
Ambient temperature	-10°C to +55°C
Housing material	Aluminium anodised
Weight	119 g
Continuous operation	
• Power consumption	14.0 W
• Irradiance	800 W/m ²
Flash mode	
• Power consumption	14.0 W
• Irradiance	4.600 W/m ²

Can be combined with

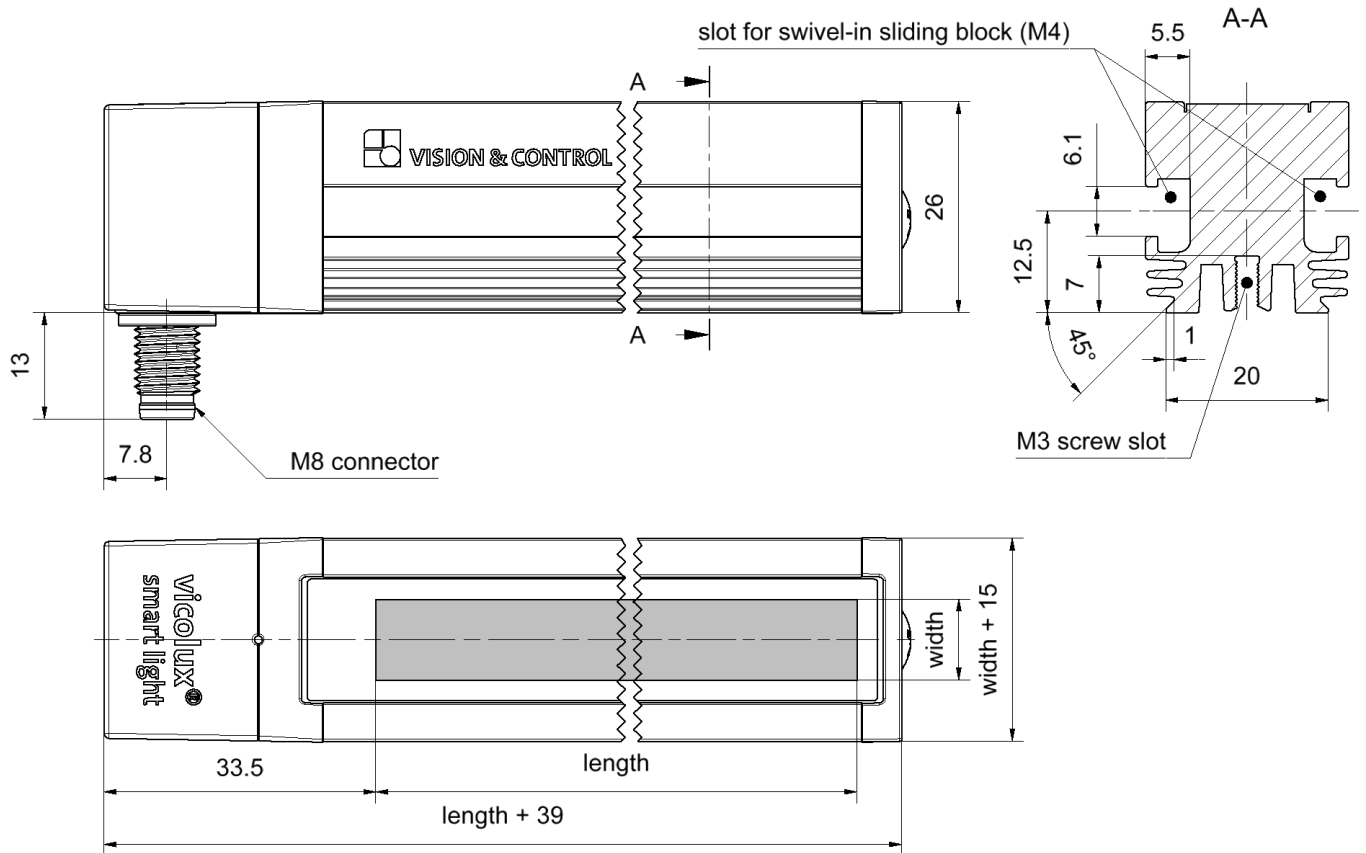
Order number	Title	Description
LED Controller DLC3005		
1-30-202	DLC3005	LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting
1-30-209	DLC3005-R	LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting

Accessories for Area and Bar lights - L-CLR-10x90-IR860-P-SL

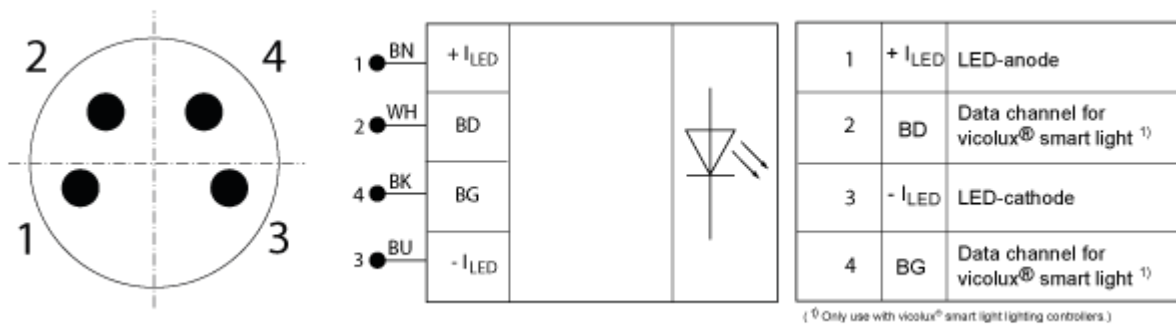
Order number	Title	Description
Mounting Systems		
1-05-095	Tension clamp L-10 series	for variable attachment of L-CLR-10 series and L-Spot-10 series
1-05-096	Slot nuts, swivelable	for L-CLR- and L-Spot series, 2 x M4, with grub screw, 2 pieces
Connection cable M8-4pin		
1-11-611	Cable-M8-4p-5A-straight-1m	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		
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

Order number	Title	Description
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 = 90 mm; width = 10 mm



Pin assignments, M8 connector