
vicolux® Bar Light - LDL14x100-IR850/24V/EX- Luminous Field Size 14 mm x 100 mm

Short description:	bar light, IR850, diffuse, lf-size: 14 mm x 100 mm, static/switchable, external
Order number:	1-16-599
EAN:	4251692672983
Actual Notice:	Not for new developments Please use the revised variant "-a" for new developments.



Characteristics

- LED bar light with diffuse illumination
 - homogeneous illumination
 - lighting controller external
 - continuous or pulsed operation
 - brightness pre-set, flash duration corresponds to pulse-length
 - connection: M5 plug at lighting controller
 - metal casing, optical material: PMMA
 - multiple mounting options
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Technical data

Luminous field	14 mm x 100 mm
Light colour	IR, 850 nm
Light design	Diffuse
Radiance	72 mW/(cm ² sr)
Operation voltage	24 VDC (12 - 30 V)
Ambient temperature	-10°C bis +45°C
Degree of protection	IP50
Housing material	Aluminium black anodised
Weight	50 g
Risk group (DIN EN 62471)	Risk group 0 (exempt group)
Safety class	III, Schutzkleinspannung (SELV)

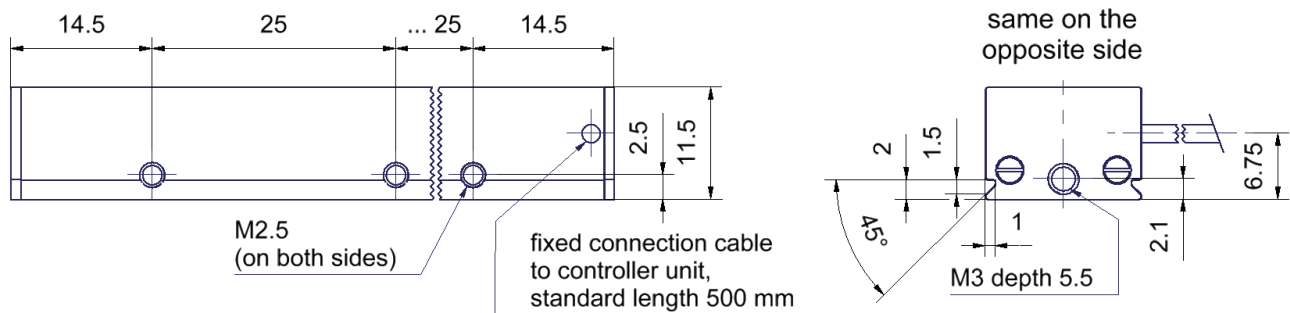
Notices

For further information, please contact your personal contact in our sales department.

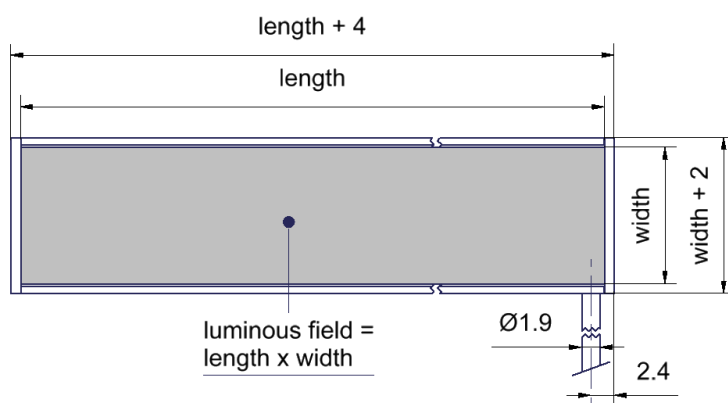
Accessories for Area and Bar lights - LDL14x100-IR850/24V/EX

Order number	Title	Description
<i>Mounting Systems</i>		
1-16-827	Tension clamp LxL14 series	for variable attachment and extension of the LxL14 series, l=25mm, w=24mm
<i>Connection cable M5-4pin</i>		
1-11-117	Cable-M5-4p-1A-straight-2m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-116	Cable-M5-4p-1A-straight-5m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-105	Cable-M5-4p-1A-angled-2m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end
1-11-104	Cable-M5-4p-1A-angled-5m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end

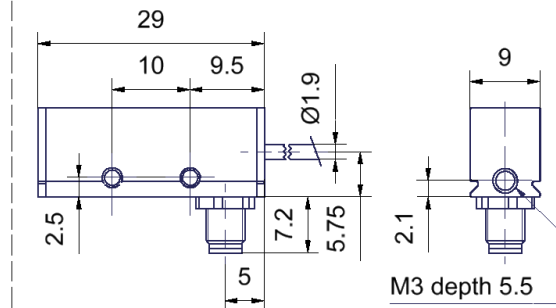
Drawings



light unit



controller unit



Dimensional drawing in mm: length = 100 mm; width = 14 mm

Funktion	Belegung	Kabelfarbe*	Pin	Polbild
Betriebsspannung	V+	braun	1	
Masse	GND	blau	3	
Schalteingang	ON/OFF	schwarz	4	
Nicht belegt	NC	weiß	2	

* für empfohlenes Zubehör

Pin assignments, M5 connector