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

vicolux® Bar Light - LAL7x25-IR850/24V- Luminous Field Size 7 mm x 25 mm

Short description: bar light, IR850, directed, lf-size: 7 mm x 25 mm, static/switchable

Order number: 1-16-005

EAN: 4251692670040

Characteristics

- LED bar light with direct illumination
- homogeneous illumination
- lighting controller integrated in casing
- continuous or pulsed operation
- brightness pre-set, flash duration corresponds to pulse-length
- connection: M5 plug on the casing
- metal casing, optical material: PMMA
- multiple mounting options

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

Technical data

Luminous field	7 mm x 25 mm
Light colour	Infrared, 850 nm
Light design	Directed
Irradiance	76 W/m²
Operation voltage	24 VDC (12 - 30 V)
Ambient temperature	-10°C bis +45°C
Degree of protection	IP50
Housing material	Aluminium black anodised
Weight	15 g
Risk group (DIN EN 62471)	Freie Gruppe
Safety class	III, Schutzkleinspannung (SELV)

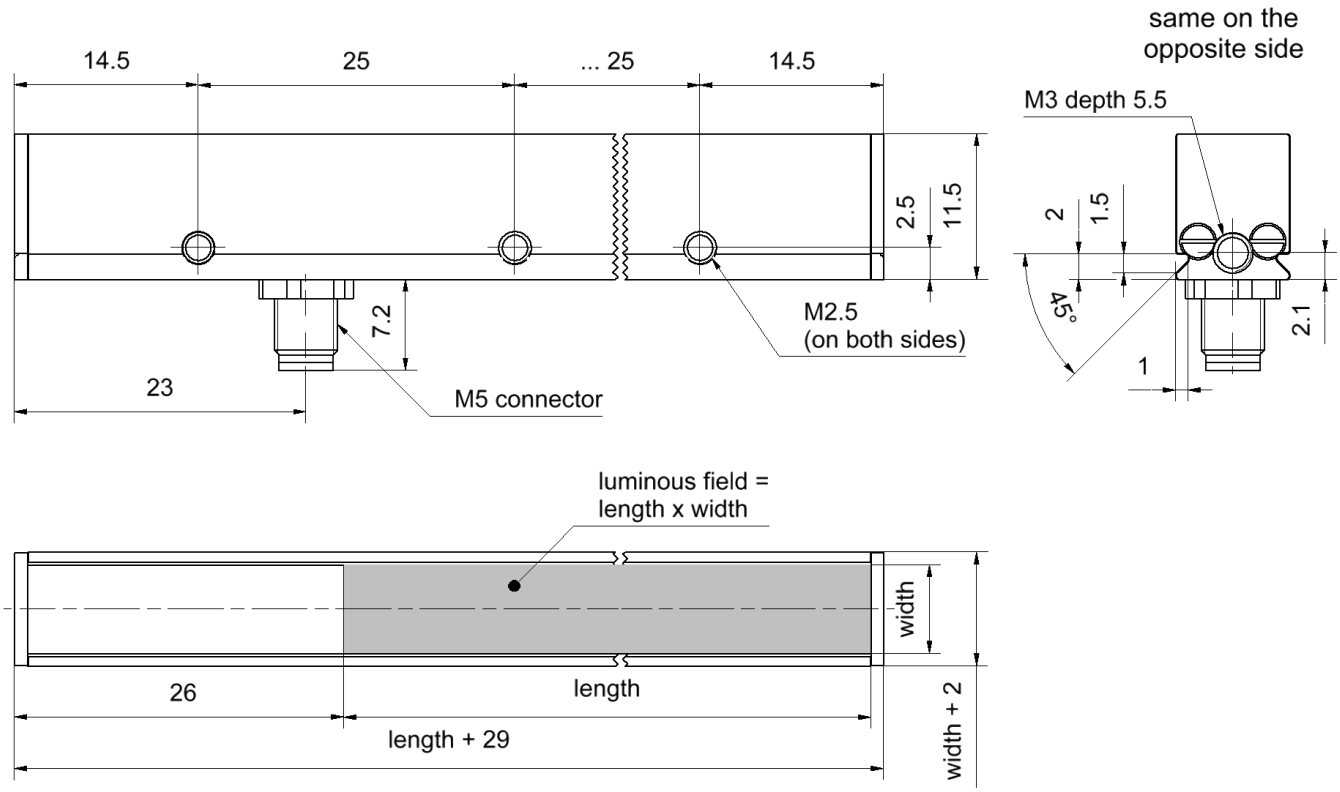
Vision & Control GmbH
Phone: +49 36 81 / 79 74 11
www.vision-control.com

Accessories for Area and Bar lights - LAL7x25-IR850/24V

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 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

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

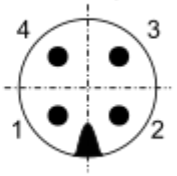
Drawings



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

Function	Symbol	Cable Colour*	Pin
Operating Voltage	V+	brown	1
Ground	GND	blue	3
Switch Input	ON/OFF	black	4
Not connected	NC	white	2

Contact arrangement



* for recommended accessories

Pin assignments, M5 connector