
vicolux® Bar Light - LAL7x250-IR850/24V/EX- Luminous Field Size 7 mm x 250 mm

Short description: bar light, IR850, directed, lf-size: 7 mm x 250 mm, static/switchable, external

Order number: 1-16-407

EAN: 4251692671986

Actual Notice: **Not for new developments** Please use the revised variant "-a" for new developments.



Characteristics

- LED bar light with direct 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
-

Technical data

Luminous field	7 mm x 250 mm
Light colour	IR, 850 nm
Light design	gerichtet
Irradiance	76 W/m ²
Operation voltage	24 VDC (12 - 30 V)
Ambient temperature	-10°C to +45°C
Degree of protection	IP50
Housing material	Aluminium black anodised
Weight	60 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 - LAL7x250-IR850/24V/EX

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		
1-16-910	Polarizer 7x250, linear	for LxL7x250, 400 - 700 nm, plate thickness 0.2 mm, self-adhesive
Connection cable M5-4pin		
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 = 250 mm; width = 7 mm

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

* for recommended accessories

Pin assignments, M5 connector