
vicolux® Bar Light - LDL7x50-IR850/24V/EX- Luminous Field Size 7 mm x 50 mm

Short description: bar light, IR850, diffuse, lf-size: 7 mm x 50 mm, static/switchable, external

Order number: 1-16-503

EAN: 4251692672488

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	7 mm x 50 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 to +45°C
Degree of protection	IP50
Housing material	Aluminium black anodised
Weight	20 g
Risk group (DIN EN 62471)	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 - LDL7x50-IR850/24V/EX

Order number	Title	Description
<i>Mounting Systems</i>		
1-16-826	Tension clamp LxL7 series	for variable attachment and extension of the LxL7 series, l=25mm, w=17mm
<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 = 50 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