
vicolux® Bar Light - LDLF30x240-IR850/UDC

Short description: bar light, IR850, diffuse, lf-size: 30 mm x 240 mm, flashable by flash controller

Order number: 1-13-876

EAN: 4251692680117



Characteristics

- LED bar light with diffuse illumination
 - homogeneous illumination
 - current controlled LED light, flashable
 - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
 - connection: cable with M8 connector
 - metal casing, optical material: PMMA
 - multiple mounting options
-

Technical data

Light-emitting surface	30 mm x 240 mm
Light colour	Infrared, 850 nm
Light design	Diffuse
Special feature	Flashable with flash controller
Power consumption	8.0 W
Radiance	
• Continuous operation	85 W/(m ² sr)
• Flash mode	1,210 W/(m ² sr)
Housing material	Aluminium, black anodised
Optical material	PMMA
Weight	280 g
Degree of protection	IP 50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Exempt
Ambient temperature	0 °C to 45 °C

Notices

The lighting can only be operated in conjunction with a lighting controller or a suitable current source.

vicolux[®] smart light lighting controllers limit the electrical parameters automatically and also monitor the temperature of the device.

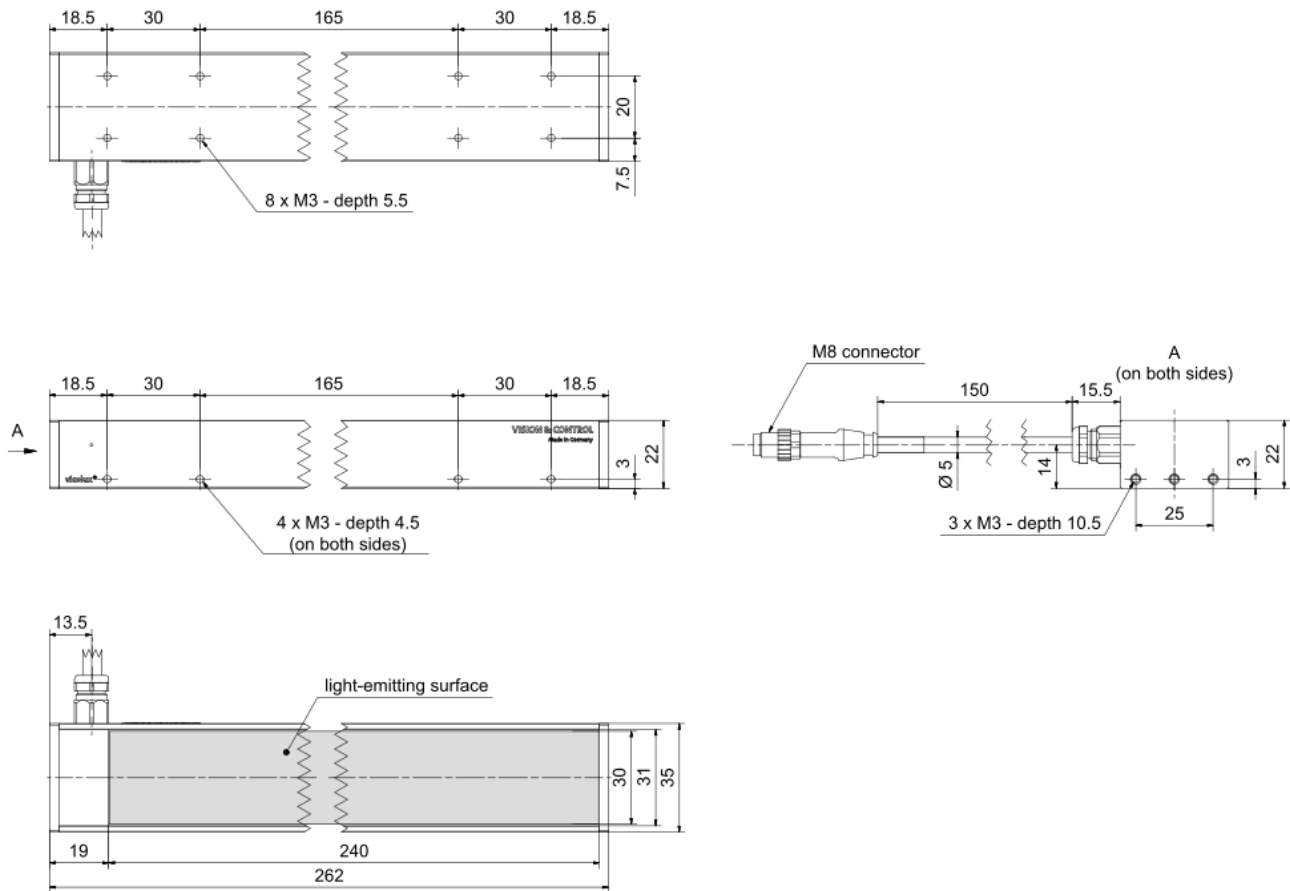
Can be combined with

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

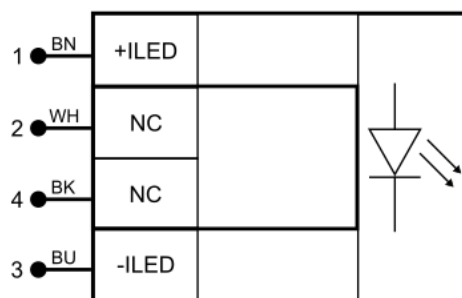
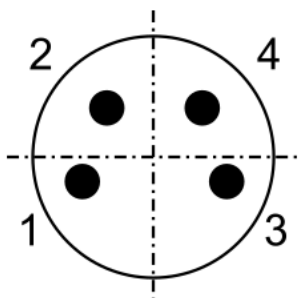
Accessories for Area and Bar lights - LDLF30x240-IR850/UDC

Order number	Title	Description
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
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



1	+ILED	LED anode
2	NC	Do not use
4	NC	Do not use
3	-ILED	LED cathode

Pin assignment of the M8 connector