
vicolux® Area Light - FAL06-IR850/UDC/-a

Short description: area light, IR850, directed, lf-size: 120x90 mm, flashable by flash controller

Order number: 1-15-623

EAN: 4251692654569

Actual Notice: **Not for new developments**
Please use the products of the A-CLR, A-CLR or FALRL series for new developments



Characteristics

- flat LED area light with direct illumination
 - homogeneous illumination
 - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
 - connection: cable with M8 connector
 - metal casing, optical material: glass
 - multiple mounting options
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Technical data

Light-emitting surface	120 mm x 90 mm
Light design	Directed
Light colour (typ.)	Infrared, 850 nm
Special feature	Flashable with flash controller
Irradiance	
• Continuous operation	250 W/m ²
• Flash mode	1,180 W/m ²
Housing material	Aluminium, black anodised
Optical material	Glass
Weight	680 g
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Ambient temperature	- 10 °C ... + 45 °C
Cable	
Cable length	150 mm (without M8 connector)
Cable diameter	5 mm
Cable structure	4 x 0.25 mm ²

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

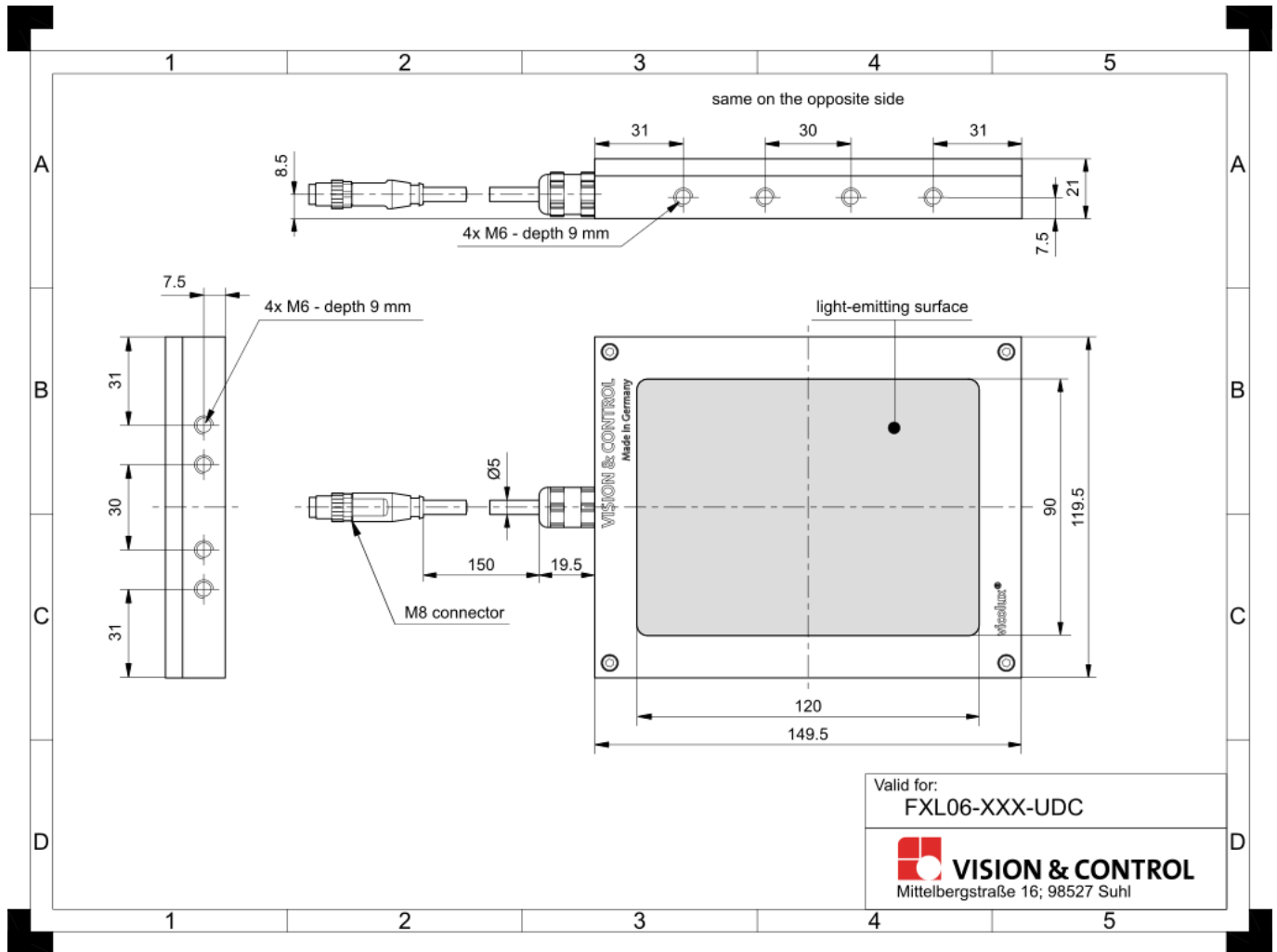
Order number	Title	Description
LED Controller DLC3005		
1-30-202	DLC3005	LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting
1-30-209	DLC3005-R	LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting

Accessories for Area and Bar lights - FAL06-IR850/UDC/-a

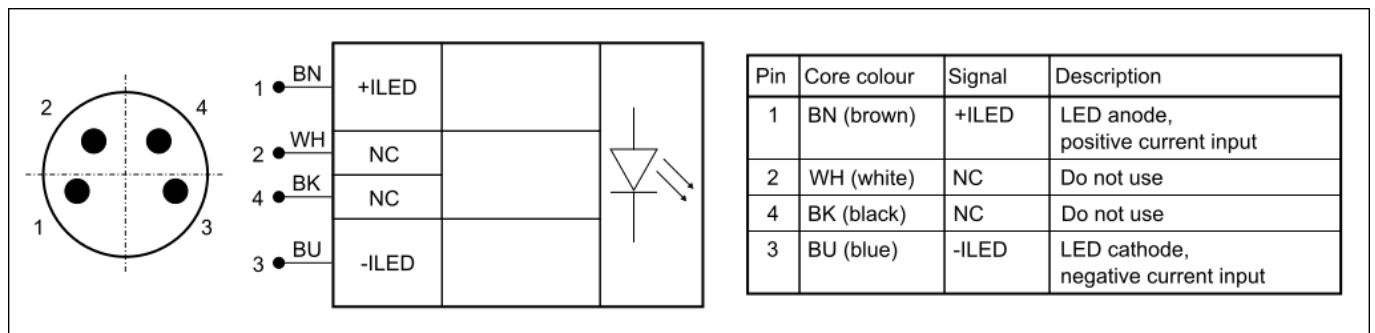
Order number	Title	Description
Connection cable M8-4pin		
1-11-611	Cable-M8-4p-5A-straight-1m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-612	Cable-M8-4p-5A-straight-2m	4x0.5mm ² , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-613	Cable-M8-4p-5A-straight-3m	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
1-11-607	Cable-M8-4p-4A-straight-10m	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
1-11-606	Cable-M8-4p-4A-angled-10m	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

Order number	Title	Description
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



Pin assignment M8 connector