
vicolux® Area Light - FAL08-IR850/C

Short description: area light, IR850, directed, lf-size: 180x120 mm, controlled

Order number: 1-15-719

EAN: 4251692654729

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
 - lighting controller integrated in casing
 - continuous or pulsed operation
 - pulse-length and brightness adjustable
 - connection: cable with open ends
 - metal casing, optical material: glass
 - multiple mounting options
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Technical data

Light-emitting surface	180 mm x 120 mm
Light design	Directed
Light colour (typ.)	Infrared, 850 nm
Operating mode	Switchable continuous operation Pulse operation (1 μ s - ∞)
Special feature	Brightness setting via analog control voltage 0 - 10 VDC (switchable 1 ms - ∞) or manually on the potentiometer
Operation voltage	24 VDC (10 - 30 V)
Power consumption	max. 22 W (920 mA at 24 VDC)
Irradiance	106 W/m ² at 100 mm
Illuminance	-
Housing material	Aluminium, black anodised
Optical material	Glass
Weight	1,100 g
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Freie Gruppe
Ambient temperature	- 10 °C ... + 45 °C

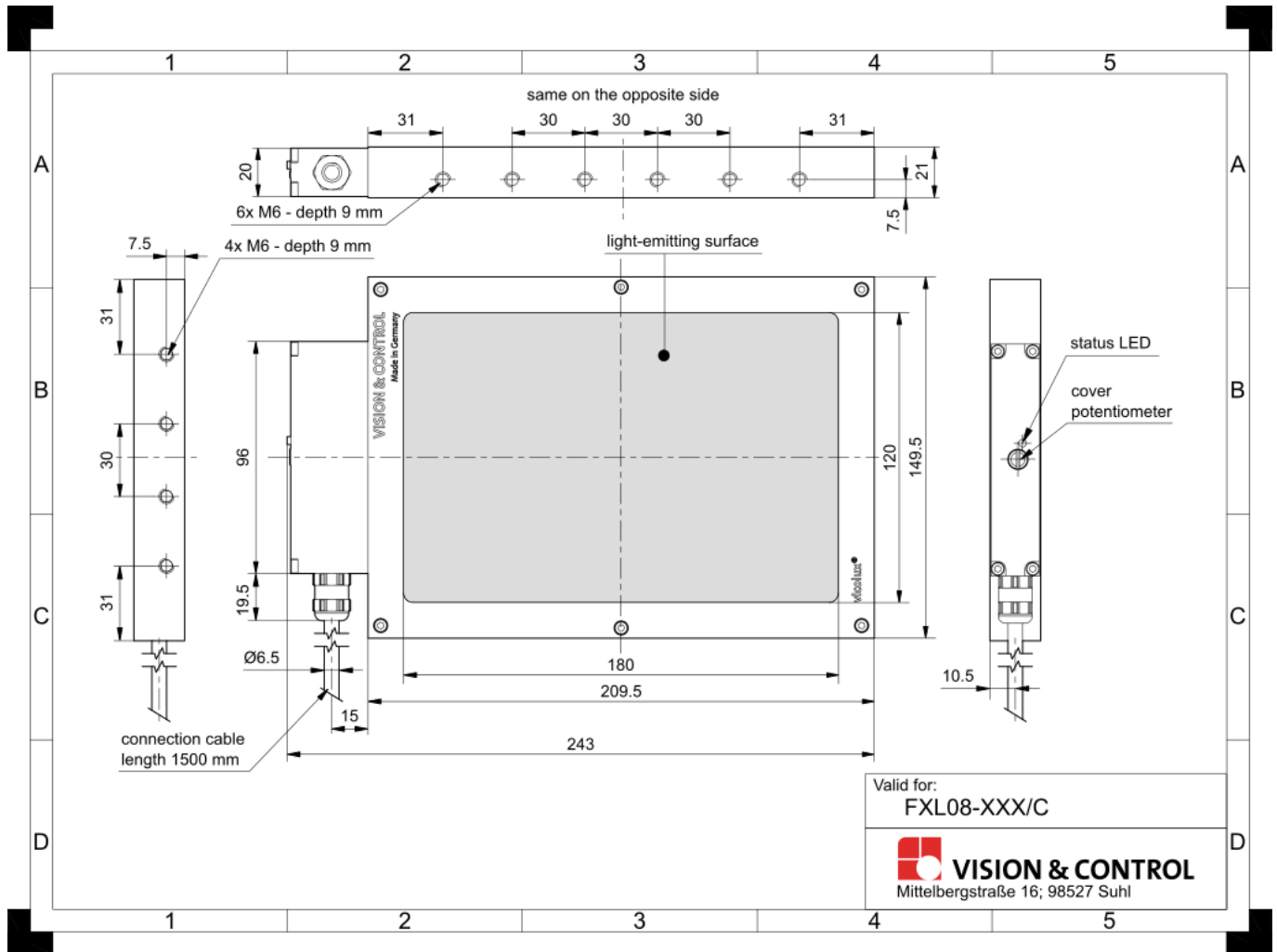
Cable

Cable length	1,500 mm
Cable diameter	6.5 mm
Cable structure	4 x 0.25 mm ² and 3 x 0.5 mm ²
Drag chain suitable	yes

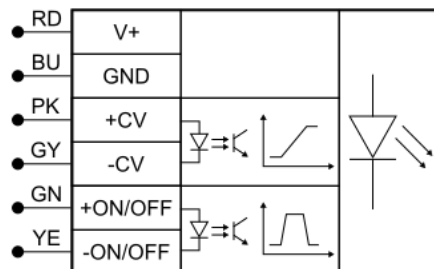
Notices

For further information, please contact your personal contact in our sales department.

Drawings



Dimensional drawing in mm



Core colour	Signal	Description
RD (red)	V+	Operating voltage
BU (blue)	GND	Ground
PK (pink)	+CV	Control voltage
GY (grey)	-CV	Control voltage
GN (green)	+ON/OFF	Switch input
YE (yellow)	-ON/OFF	Switch input

Pin assignment: cable open, 6-core