
vicolux® Area Light - FDL11-IR850

Short description: area light, IR850, diffuse, lf-size: 240x180 mm, static

Order number: 1-15-862

EAN: 4251692655337

Actual Notice: **Not for new developments**
Please use the products of the A-DIF or FDLRL series for new developments.



Characteristics

- flat LED area light with diffuse 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	240 mm x 180 mm
Light design	Diffus
Light colour (typ.)	Infrared, 850 nm
Operating mode	Switchable continuous operation
Special feature	Brightness setting via analog control voltage 0 - 10 VDC (switchable 3 ms - ∞) or manually on the potentiometer
Operation voltage	24 VDC (10 - 30 V)
Power consumption	max. 53 W (2.2 A at 24 VDC)
Radiance	25 W/(m ² sr)
Luminance	-
Housing material	Aluminium, black anodised
Optical material	Glass
Weight	2,400 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

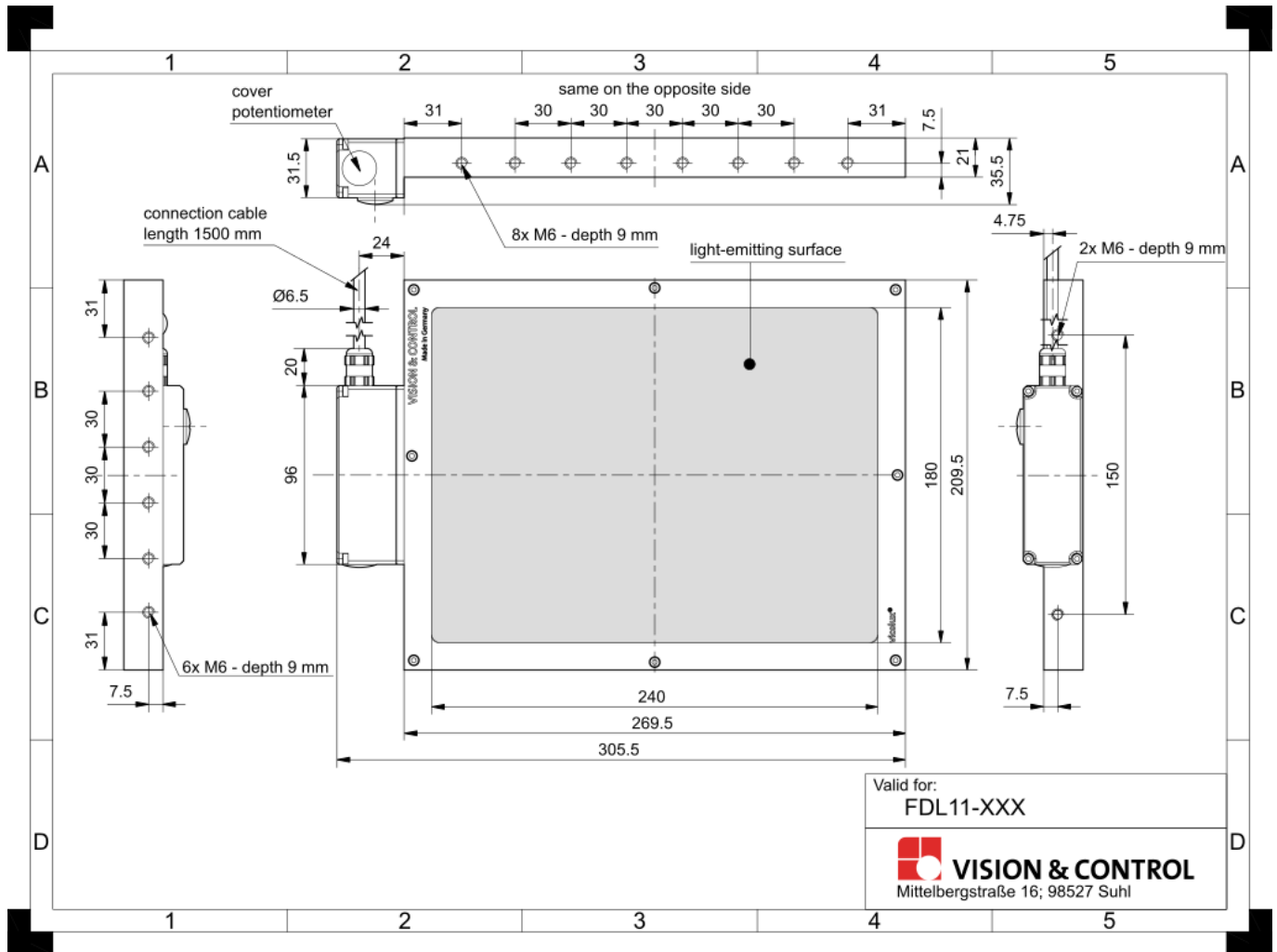
Cable

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

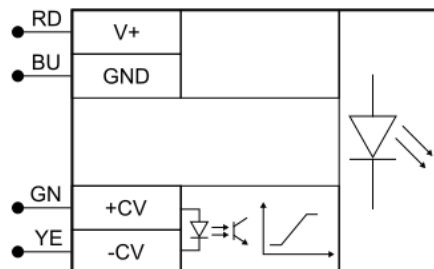
Notices

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
GN (green)	+CV	Control voltage
YE (yellow)	-CV	Control voltage

Pin assignment: cable open, 4-core