
vicolux® Area Light - FALRL08-IR850-24V/C

Short description: area light, IR850, directed, lf-size: 120x180 mm, 24V, controlled

Order number: 1-11-308

EAN: 4251692656242



Characteristics

- LED area light with direct Lighting
 - 24V: continuous and pulse operation
 - metal casing, optical material: PMMA
 - multiple mounting options
 - developed for the requirements of industrial image processing
 - directional illuminators are also available in line form (width: 7 mm , 10 mm and 14 mm).
 - blue light enables maximum resolution and depth of field. Blue illuminators are therefore ideally suited for use in measurement technology.
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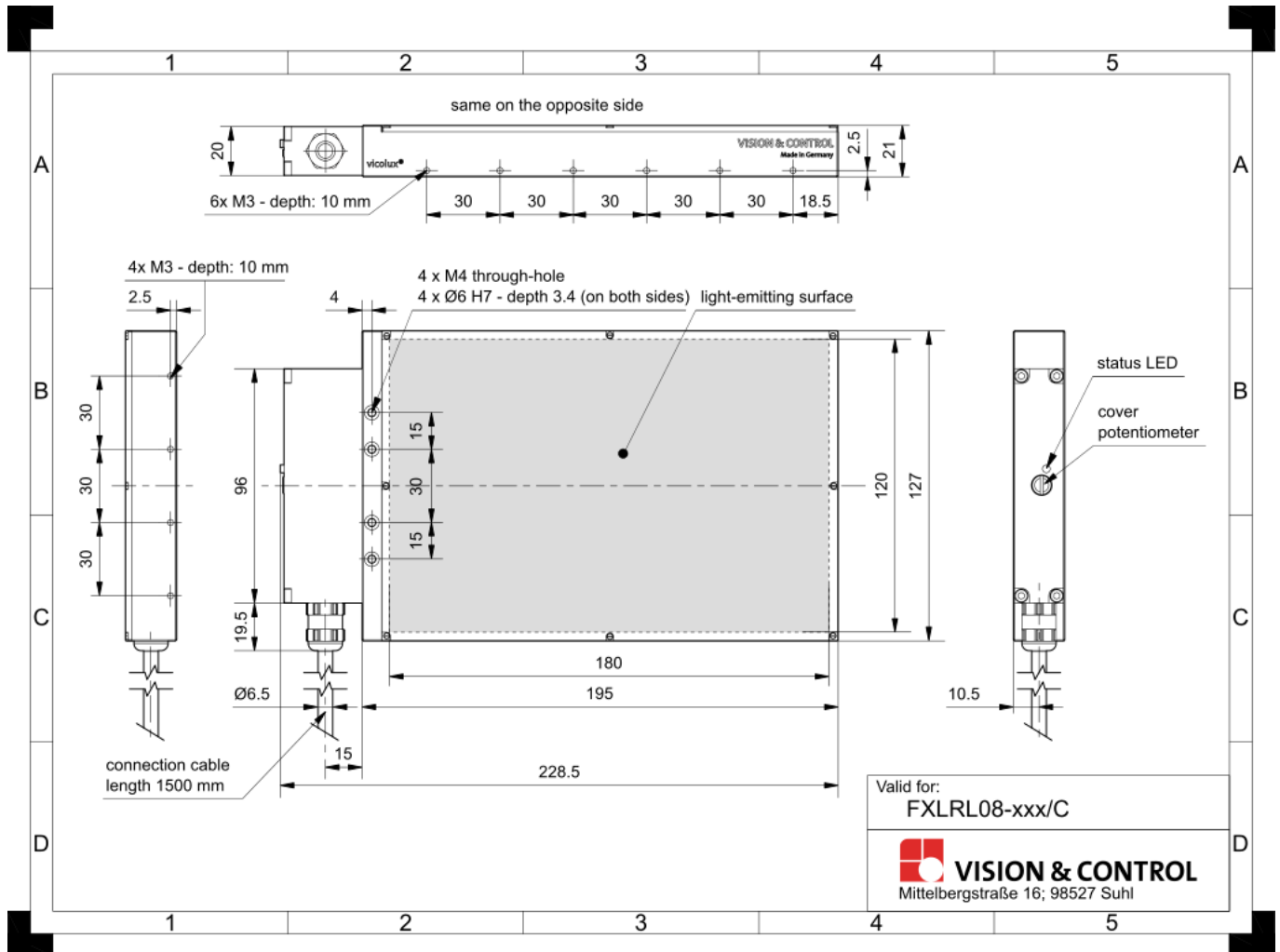
Technical data

Light-emitting surface	120 mm x 180 mm
Light colour	Infrared, 850 nm
Light design	Directed
Special feature	Helligkeitseinstellung über Potentiometer oder Steuerspannung möglich
Operation voltage	24 VDC (10 - 30 V)
Power consumption	max. 22 W (920 mA at 24 VDC)
Housing material	Aluminium, schwarz eloxiert
Optical material	PMMA
Weight	850 g
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Risk group 0 (exempt group)
Ambient temperature	-10 °C ... +45 °C

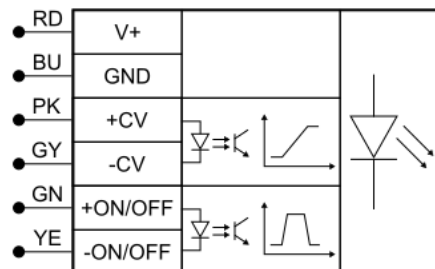
Cable

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	Ja

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