
vicolux® Area Light - FAL60x90-IR850/C

Short description: area light, IR850, directed, LF-size: 55x85 mm, M5, continuous and pulse mode

Order number: 1-11-202

EAN: 4251692654071

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 flash operation
 - brightness and Flash duration pre-set
 - connection: M5 plug on the casing
 - metal casing, optical material: as optional accessories
 - multiple mounting options
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Technical data

Light-emitting surface	55 mm x 85 mm
Light design	Directed
Light colour (typ.)	Infrared, 850 nm
Operating mode	Schaltbarer Dauerbetrieb (50 ms - ∞) Blitzbetrieb (Blitzdauer 100 μ s)

Continuous operation

• Operation voltage	10 ... 30 VDC
• Power consumption	max. 10 W
• Irradiance	138 W/m ²
• Illuminance	-

Flash mode

• Operation voltage	18 ... 30 VDC
• Power consumption	max. 10 W
• Irradiance	1,518 W/m ²
• Illuminance	-

Housing material	Aluminium, black anodised
Weight	240 g
Degree of protection	IP67
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Freie Gruppe
Ambient temperature	- 10 °C ... + 45 °C

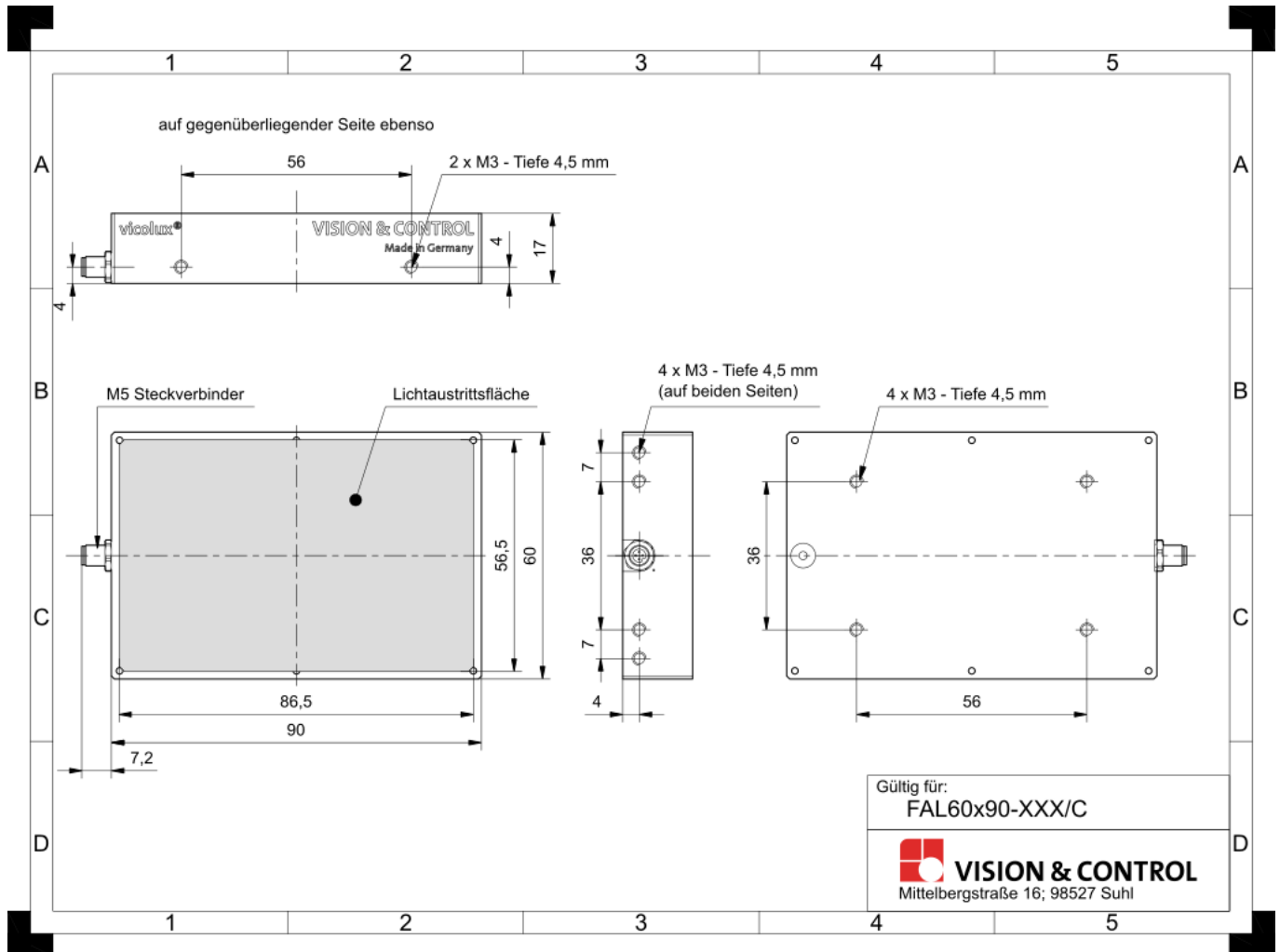
Notices

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

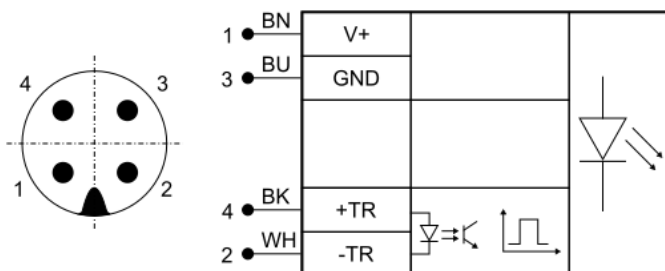
Accessories for Area and Bar lights - FAL60x90-IR850/C

Order number	Title	Description
<i>diffusers</i>		
1-11-212	Diffusor 15% 60x90x1.8	for FAL60x90, diffuser plate made of PMMA, incl. screws
1-11-213	Diffusor 40% 60x90x1	for FAL60x90, diffuser plate made of PMMA, incl. screws
<i>Polarisers for Area Lights</i>		
1-11-214	Polarizer linear 60x90x0.75	for FAL60x90, polarizing filter, neutral gray, incl. screws
<i>Focusing and Fresnel lens</i>		
1-11-215	Fresnel lens F100 60x90x1.8	for FAL60x90, focusing lens made of PMMA, for WD=100 mm, incl. screws
1-11-217	Fresnel lens F-130 60x90x1.8	for FAL60x90, divergent lens made of PMMA, incl. screws
1-11-216	Fresnel lens F150 60x90x1.8	for FAL60x90, focusing lens made of PMMA, for WD=150 mm, incl. screws
<i>protective covers</i>		
1-11-218	Clear cover 60x90x2	for FAL60x90, protective cover made of PMMA, incl. screws
<i>Connection cable M5-4pin</i>		
1-11-117	Cable-M5-4p-1A-straight-2m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-116	Cable-M5-4p-1A-straight-5m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-105	Cable-M5-4p-1A-angled-2m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end
1-11-104	Cable-M5-4p-1A-angled-5m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end

Drawings



Dimensional drawing in mm



Pin	Core colour	Signal	Description
1	BN (brown)	V+	Operating voltage
2	WH (white)	- TR	Trigger input "-"
3	BU (blue)	GND	Ground
4	BK (black)	+TR	Trigger input "+"

Pin assignment: M5 connector