
vicolux® Area Light - AL30x90-IR850/UDC/-a

Short description: area light, IR850, directed, lf-size: 30x90 mm, M8-4pin, flashable by flash controller

Order number: 1-21-178

EAN: 4251692658499



Characteristics

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

Light-emitting surface	30 mm x 90 mm
Light colour	Infrared, 850 nm
Light design	Directed
Special feature	Flashable with flash controller
Operating voltage	For current source only!
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Exempt
Ambient temperature	-10°C to +45°C
Housing material	Aluminium black anodised
Weight	130 g
Irradiance ¹⁾	
• Continuous operation	269 W/m ²

¹⁾ working distance = 50 mm

Can be combined with

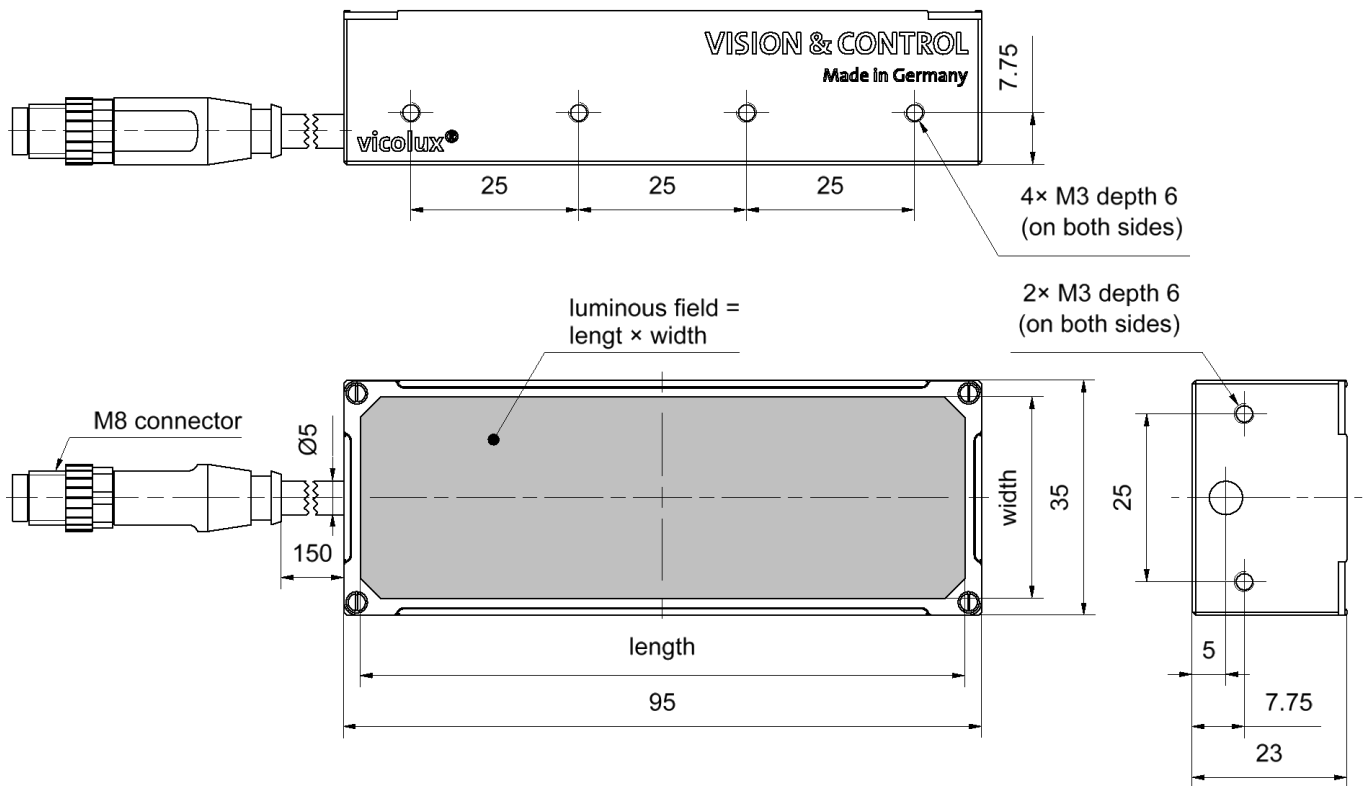
Order number	Title	Description
LED Controller DLC3005		
1-30-202	DLC3005	LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting
1-30-209	DLC3005-R	LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting

Accessories for Area and Bar lights - AL30x90-IR850/UDC/-a

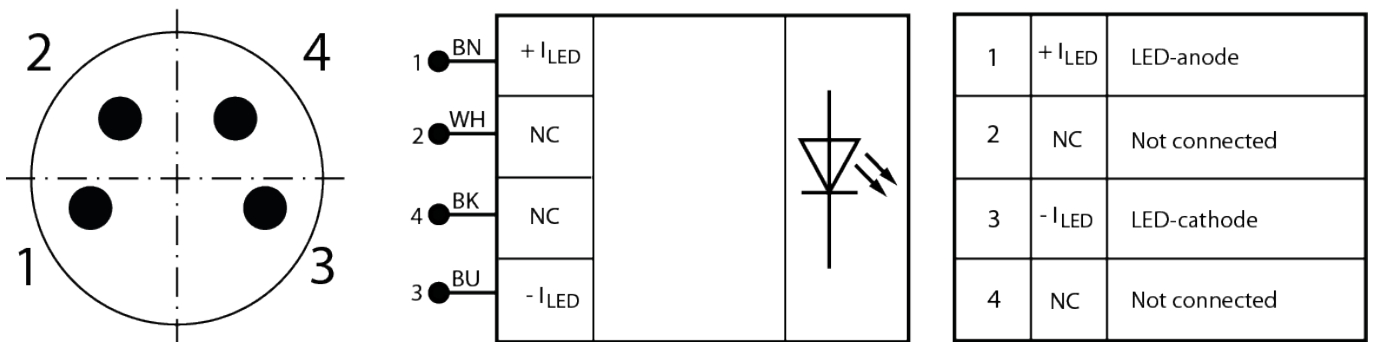
Order number	Title	Description
diffusers		
1-21-560	Diffusor 40% 30x90x1	for AL30x90 diffuser plate made of PMMA, screwable
Polarisers for Area Lights		
1-21-562	Polarizer linear 30x90x0.18	for AL30x90 and DL30x90, polarizing filter, neutral gray, self-adhesive
1-21-563	Polarizer linear 30x90x2	for AL30x90, polarizing filter, neutral gray, screwable
protective covers		
1-21-561	Clear cover 30x90x1	for AL30x90, protective cover made of PMMA, screwable
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

Order number	Title	Description
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
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
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: length = 90 mm; width = 30 mm



Pin assignments, M8 connector