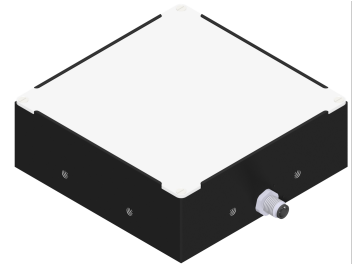

vicolux® Area Light - AL60x60-IR850/24V

Short description: area light, IR850, directed, lf-size: 60x60 mm, M5-4pin, static / switchable

Order number: 1-20-104

EAN: 4251692658123



Characteristics

- LED area light with direct illumination
 - homogeneous illumination
 - lighting controller integrated in casing
 - continuous or pulsed operation
 - brightness pre-set, flash duration corresponds to pulse-length
 - connection: M5 plug on the casing
 - metal casing, optical material: PMMA
 - multiple mounting options
-

Technical data

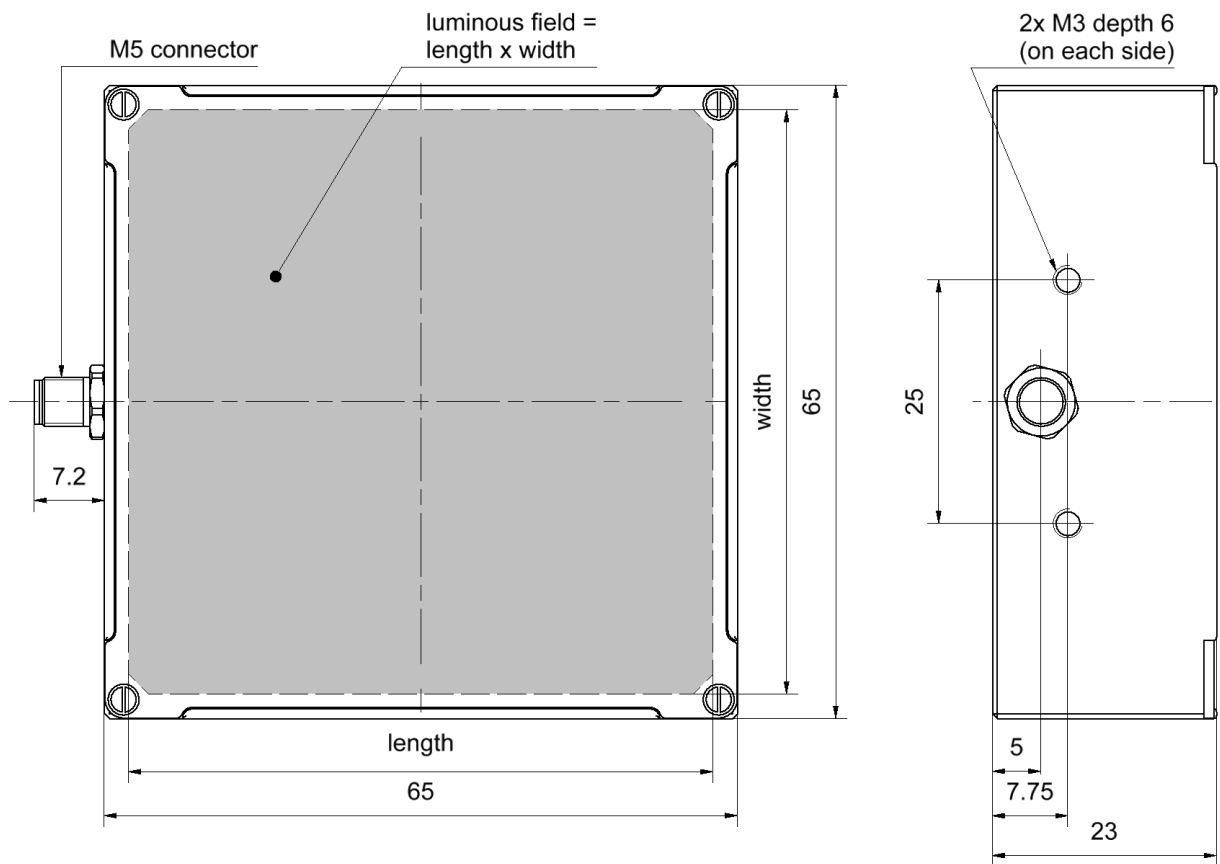
Light-emitting surface	60 mm x 60 mm
Light colour	Infrared, 850 nm
Light design	Directed
Operating voltage	24 VDC (10 - 30 V)
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Exempt
Ambient temperature	-10°C to +45°C
Housing material	Aluminium black anodised
Weight	105 g
Irradiance ¹⁾	
• Continuous operation	178 W/m ²

¹⁾ working distance = 50 mm

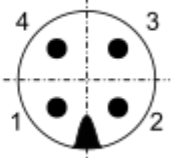
Accessories for Area and Bar lights - AL60x60-IR850/24V

Order number	Title	Description
<i>Mounting systems</i>		
1-20-070	Adjustable holder xL60	for xL60x60, stepless rotatable and swiveling mounting, incl. screws
<i>diffusers</i>		
1-20-060	Diffusor 40% 60x60x1	for AL60x60 diffuser plate made of PMMA, screwable
<i>Polarisers for Area Lights</i>		
1-20-062	Polarizer linear 60x60x0.18	for AL60x60 and DL60x60, polarizing filter, neutral gray, self-adhesive
<i>protective covers</i>		
1-20-061	Clear cover 60x60x1	for AL60x60, protective cover made of PMMA, screwable
<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: length = 60 mm; width = 60 mm

Function	Symbol	Cable Colour*	Pin	Contact arrangement
Operating Voltage	V+	brown	1	
Ground	GND	blue	3	
Switch Input	ON/OFF	black	4	
Not connected	NC	white	2	

* for recommended accessories

Pin assignments, M5 connector