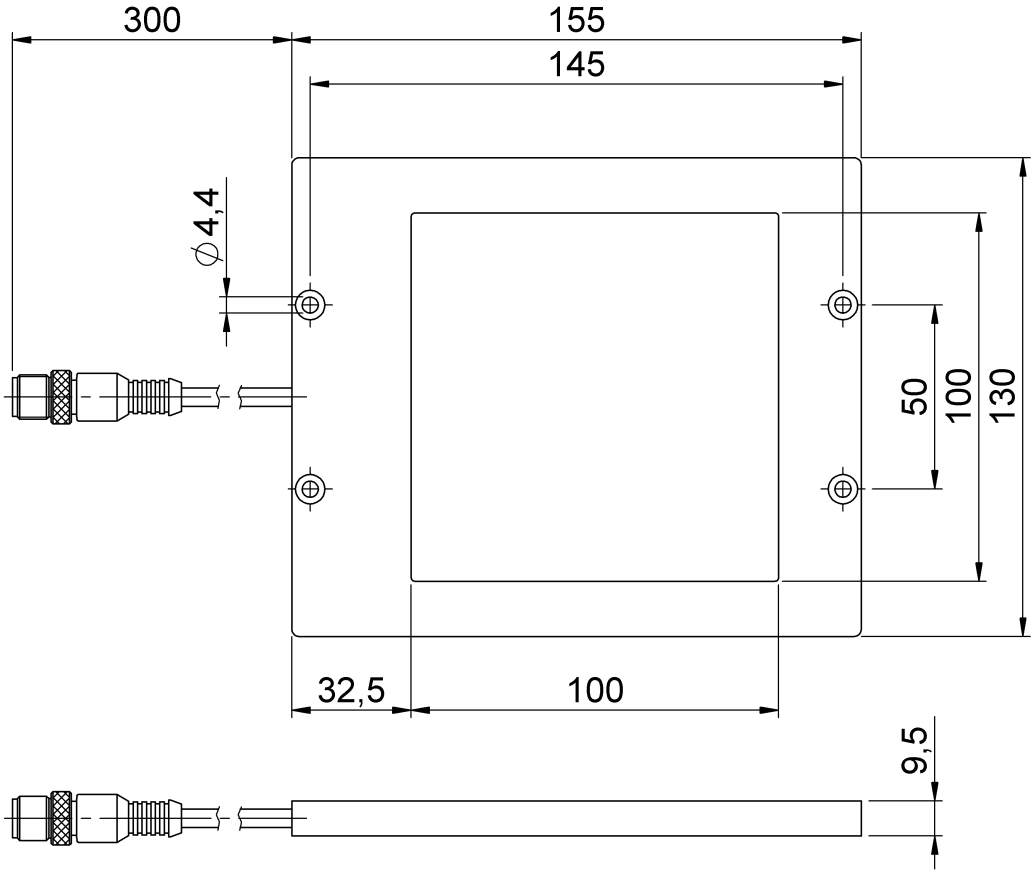
Lighting for Vision Systems

BAE LX-VS-HR100
Order Code: BAE000H



Basic features

Approval/Conformity	CE UKCA WEEE
Operating mode	Normal (continuous operation)
Scope of delivery	Background light
Use	for Vision sensor BVS
Version	Background light

Display/Operation

Adjuster	no

Electrical connection

Cable length L	0.3 m
Conductor cross-section	0.34 mm²
Connection	M12x1-Male, 4-pin, A-coded
Connection type	Cable with connector, 0.3 m
Number of conductors	4
Polarity reversal protected	yes

Electrical data

Current draw max.	416 mA
Rated operating voltage Ue DC	24 V

Environmental conditions

Ambient temperature	-10...55 °C
IP rating	IP54

Functional safety

MTTF (40 °C)	309 a

Interface

Digital inputs	Trigger

Material

Housing material	Aluminium, anodized, black Glass, PMMA
Surface protection	anodized, black

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Mechanical data

Dimension	130 x 9.5 x 155 mm
Mounting part	Threads

Optical features

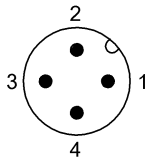
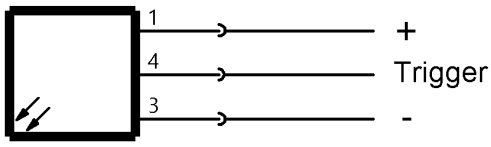
Beam angle	55° x 55°
Illumination area	100 x 100 mm
Illuminence (0.1 m)	3700 Lux
LED group per IEC 62471	Exempt Group
Light type	LED, red light
Wave length	617 nm

Remarks

Install the device so that no direct view of the light source is possible even during operation.
Overheating protection, shutdown at 65° C
For additional information, refer to user's guide.
Order accessories separately.
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



Wiring Diagrams