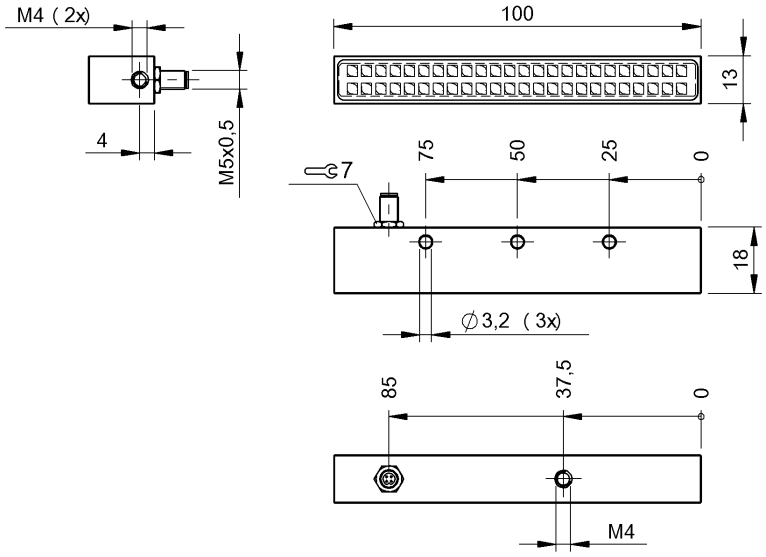
Lighting for Vision Systems

BAE LX-VS-LR100-S26
Order Code: BAE00NT



Basic features

Approval/Conformity	CE UKCA EAC WEEE
Operating mode	Normal (continuous operation) Boost (continuous operation with cooling)
Scope of delivery	Line light Cable M5 to M12
Use	for Vision sensor BVS
Version	Strip light

Display/Operation

Adjuster	no

Electrical connection

Cable length L	0.3 m
Conductor cross-section	0.34 mm²
Connection	M5x0.5-Male, 4-pin, A-coded
Connection type	Connector, 0.3 m
Number of conductors	4
Polarity reversal protected	yes

Electrical data

Current draw max.	170 mA, 375 mA (Boost mode)
Input function	Operating mode Normal/Boost Emitter on/off
Rated operating voltage Ue DC	24 V

Environmental conditions

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

Functional safety

MTTF (40 °C)	456 a

Interface

Digital inputs	Trigger

Material

Housing material	Aluminum, anodized, black Glass
Surface protection	anodized, black

Mechanical data

Dimension	13 x 18 x 100 mm
Mounting part	Threads

Optical features

Beam angle	75 ° x 30 °
Illumination area	95 x 10 mm
Illuminence (0.1 m)	6400 Lux 13500 Lux (Boost mode)
LED group per IEC 62471	Exempt Group
Light type	LED, red light
Wave length	617 nm

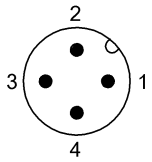
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Remarks

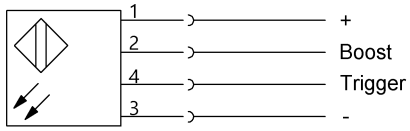
Install the device so that no direct view of the light source is possible even during operation.
Overheating protection, shutdown at 65° C
For additional information, refer to user's guide.
Order accessories separately.
For more information about MTTF and B10d see MTTF / B10d Certificate

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



Warning Symbols



LED light– DO NOT LOOK INTO THE BEAM!

LED group per IEC 62471

Note: for IR radiation and in Boost mode,

use suitable shielding or eye protection.