Lighting for Vision Systems
BAE LX-VS-LR085
Order Code: BAE00AP

BALLUFF

CE

Basic features

Approval/Conformity	CE
Basic standard	IEC 60947-5-2
Operating mode	Normal Boost
Scope of delivery	Line light
Use	for Vision sensor BVS
Version	Strip light

Display/Operation

Adjuster	no

Electrical connection

Cable length L	0.3 m
Connection	M12x1-Male, 4-pin, A-coded
Connection type	Cable with connector, 0.30 m
Polarity reversal protected	yes

Electrical data

Current draw max.	200 mA, 375 mA (Boost mode)
Input function	Emitter on/off Operating mode Normal/Boost
Rated operating voltage Ue DC	24 V

Environmental conditions

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

Interface

Digital inputs	Trigger

Material

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

Mechanical data

Dimension	13 x 113.5 x 18 mm
Mounting part	Screw M4

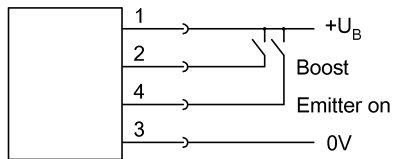## Optical features

Illumination area	80 x 10 mm
LED group per IEC 62471	Exempt Group in Boost mode: Risk Group 1
Light type	LED, red light
Wave length	617 nm

Remarks

Order accessories separately.

For additional information, refer to user's guide.

Install the device so that no direct view of the light source is possible even during operation.

Connector Drawings

Wiring Diagrams


```
1  ──>──        +U_B
2  ──>──        Boost
4  ──>──        Emitter on
3  ──>──        0V
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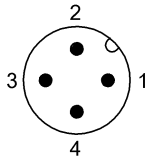
Warning Symbols

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.

Internet   www.balluff.com

Subject to change without notice: 168785

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