Lighting for Vision Systems
BAE LX-VS-DR090
Order Code: BAE00AM

BALLUFF

Basic features

Approval/Conformity	CE
	UKCA
	WEEE
Operating mode	Normal (continuous operation)
Scope of delivery	Dark field light
Use	for Vision sensor BVS
Version	Dark field 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	IP40

Interface

Digital inputs	Trigger

Material

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

Mechanical data

Dimension	130 x 9.5 x 155 mm
Mounting part	Threads

Optical features

Illumination area	Ø 90 mm
Illuminence (0.1 m)	2250 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
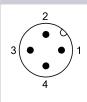
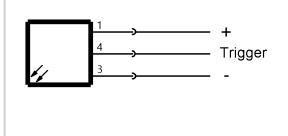For additional information, refer to user's guide.

Order accessories separately.

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Connector Drawings

Wiring Diagrams

1 — +
4 — Trigger
3 — -

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: 168770

eCl@ss 9.1: 27-31-02-04

ETIM 6.0: EC00996

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