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BASLER CAMERA BACK LIGHTS

120x120mm, 60x60mm

2200000648
Back light, 63x90x15(60x60), 635 Red



- Integrated controller for perfect sychronisation
- Blue, red or white LEDs
- 120 x 120mm or 60 x 60mm light emitting surface
- Easy access to strobing and over drive functions

PRODUCT DESCRIPTION

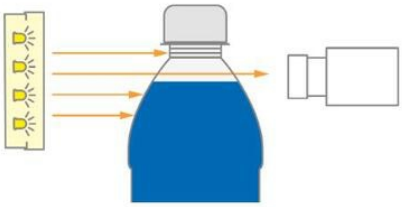
Basler's back lights are high-performance LED illumination solutions designed to enhance image contrast and edge detection in machine vision systems.Available in various sizes—from compact 60 × 60 mm models to larger 200 × 300 mm panels—they offer LED colour options including red, white, blue, and infrared.These back lights feature integrated or external controllers, support strobe and continuous operation modes, and are compatible with Basler's SLP (Smart Light Profile) technology for seamless synchronisation with Basler cameras.For instance, the Basler Standard Light Back-200x300 series provides a luminous area of 200 × 300 mm, operates at 24 VDC, and delivers up to 43 klux illuminance at 0 mm distance, making it suitable for applications requiring high-intensity backlighting.
In practical applications, Basler back lights are ideal for tasks that require precise silhouette imaging, such as dimensioning, foreign object detection, and fill level measurement.By placing the back light behind the object and aligning it with the camera, the system captures high-contrast images that clearly define object contours.This setup is particularly effective in quality control processes within manufacturing, packaging, and food inspection industries, where accurate edge detection is crucial for identifying defects or inconsistencies .

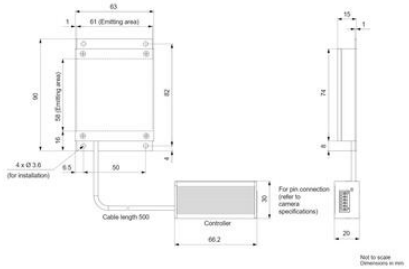
TECHNICAL DATA

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Wavelength	635
Colour	Red
Light dimensions	60mm x 60mm
Length	63 mm
Width	90 mm
Height	15 mm
Connector/controller	Integrated controller, constant voltage (66.2x30x20mm)
Input voltage	24 V DC (±10%)
Power consumption	61 W
Operating temperature	0 ... 40°C
Storage temperature	-20 ... +60°C
Operating humidity	20-85%
Humidity storage	20-85%
Approvals	CE, EN61000-6-2, EN61000-6-4, RoHS

Weight	130 g




63
1
61 (Emitting area)
90
60 (Emitting area)
15
82
74
4
4 x Ø 3.6
(for installation)
6.5
50
Cable length 500
Controller
20
For pin connection
(refer to
camera
specifications)
66.2
20
Not to scale
Dimensions in mm

