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# BASLER CAMERA BAR LIGHTS

100x15mm, 150x15mm, 200x15m

2200000634
Bar light, 163x20x20(150x15), 470 Blue



- Integrated controller for perfect synchronisation
- Blue, red or white LEDs
- 100x15mm, 150x15mm, or 200x15m light emitting surface
- Easy access to strobing and over drive functions

### PRODUCT DESCRIPTION

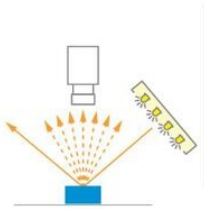
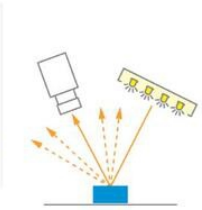
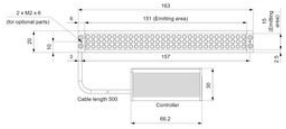
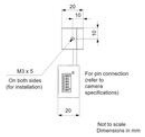
Basler Camera Bar Lights are advanced illumination solutions specifically engineered for machine vision systems, particularly when paired with Basler industrial cameras. These lights are typically high-intensity LED bar lights designed to provide uniform, shadow-free illumination across a variety of working distances and object surfaces. Available in multiple wavelengths—including white, red, blue, infrared, and ultraviolet—they support both continuous and strobe lighting modes, offering flexibility in image acquisition depending on the application requirements. With adjustable mounting options and compatibility with common lighting controllers via standard interfaces (e.g., 24V DC, PWM dimming), Basler Bar Lights ensure seamless integration into automated inspection setups.
In practical applications, Basler Camera Bar Lights are used in sectors such as electronics manufacturing, automotive inspection, pharmaceutical packaging, and food quality control. Their robust design and thermal management features enable stable performance in industrial environments, while their directional lighting reduces glare and enhances edge detection in surface inspection tasks. By improving contrast and reducing ambient light interference, these lights significantly enhance image clarity, thereby increasing the reliability and speed of machine vision algorithms for tasks like barcode reading, defect detection, and dimensional measurement.

# TECHNICAL DATA

## TECHNICAL DATA

| | |
|---|---|
| **Wavelength** | 470 |
| **Colour** | Blue |
| **Light dimensions** | 150mm x 15mm |
| **Length** | 163 mm |
| **Width** | 20 mm |
| **Height** | 20 mm |
| **Connector/controller** | Integrated controller, constant voltage (66.2x30x20mm) |
| **Input voltage** | 24 V DC (±10%) |
| **Power consumption** | 46 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** | 170 g |




2 x M2 x 6
(for optional parts)
163
151 (Emitting area)
15
(Width)
6
3
157
Cable length 500
Controller
66.2

20
10
12
M3 x 5
On both sides
(for installation)
For pin connection
(refer to
camera
specifications)
20
Not to scale
Dimensions in mm
