

# LED Mini Bar Light LSB50 - Technical data



- LED Mini Bar Light for continuous- / switch operation
- fast, load free switch input
- 4 High Power LEDs for a very bright area of interest illumination
- Smart aluminium housing ideally for integrating into a restricted installation environment
- Protection class IP67 enables use in difficult environmental conditions
- Integrated light controller enables constant lighting conditions which lead to reliable Machine Vision processes
- Exchangeable LensKits which leads to an individual adaption of the illumination situation according to the application
- Mounting system for LSB – assemble up to 4 Bar Lights in a Area arrangement (Illumination angle from Brightfield to Darkfield is adjustable)
- 300 mm cable with an M8 3-pin plug
- Connection cable with M8 3-pin socket in various lengths available as additional equipment (limited drag chain compatibility)

**LIFETIME**  
50.000h+

x=0,31  
y=0,31

470nm

528nm

625nm

850nm

**CONTINUOUS**

**SWITCH**

**IP67**

**CONTROLLER**  
INSIDE

With the following table you can assemble your desired type of lighting:\*

\* A detailed product key explanation can be found on [Page 4](#) of the main product catalogue.

### Available illumination variants

Model	Radiation angles (°) Ancillary lenses	Illumination colour
LSB50	16° <span style="color: blue;">●</span> 23° <span style="color: magenta;">●</span> 44° <span style="color: olive;">●</span> 48x19° <span style="color: grey;">●</span>	R W B G IR850

<b>Operation mode</b>	Continuous / switch	
<b>Operation voltage</b>	19...30 V DC	wide range voltage input
<b>Max. current</b>	0,2 A	at 24 V
<b>Switch</b>	SPS	+ ON/OFF SPS - load free switch input, rising slope minimum 15 V DC, maximum 30 V DC, 200 µs switch-ON delay, red status LED
<b>Ambient temperature</b>	5 - 45 °C / 37 - 113 °F	
<b>Weight</b>	67 g / 0.1 lbs	
<b>Protection class</b>	IP67	
<b>Connection</b>	M8 3-pin plug	300 mm connection cable with an M8 3-pin plug, IP67 (limited drag chain compatibility)

### Pin arrangement M8 plug

1	brown	U <sub>B</sub>	Operation voltage	
3	blue	GND	GND Operation voltage	
4	black	+ ON/OFF SPS	Switch input, SPS > 15 V DC	



*Price list: page 362 of the main product catalogue*



*Mounting solution: starting on page 217 of the main product catalogue*

## LED Mini Bar Light LSB50 - Technical drawing

