

LED Mini Ring Light LSR24 - Technical data



- LED Mini Ring Light for continuous- / switch operation
- fast, load free switch input
- 16 High Power LEDs for a very bright and homogeneous area of interest illumination
- Smart, lightweight aluminium housing for a direct attachment to the lens
- Protection class IP67 enables use in difficult environmental conditions
- Integrated light controller enables constant lighting conditions which lead to reliable Machine Vision processes
- Lens adapter with filter thread for a quick mounting
- Polarization filters and fresnel lenses adapt the light direction according to the application
- 300 mm cable with an M8 3-pin plug
- Connection cable with M8 3-pin socket in different lengths available as additional equipment (limited drag chain compatibility)

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	Illumination colour
LSR24	IR850 R W B G

Operation mode	Continuous / switch	
Operation voltage	19...30 V DC	wide range voltage input (green status LED)
Max. current	1 A	at 24 V
Switch	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
Ambient temperature	5 - 45 °C / 37 - 113 °F	
Weight	37 g / 0,081 lbs	
Protection class	IP67	
Connection	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 _b	Operation voltage
3	blue	GND	GND Operation voltage
4	black	+ ON/OFF SPS	Switching input, SPS > 15 V DC

LIFETIME
50.000h+

x=0,31
y=0,31

470nm

528nm

625nm

850nm

CONTINUOUS

SWITCH

IP67

CONTROLLER
INSIDE

Price list: page 308 of the main product catalogue



Accessories on page 224 of the main product catalogue

LED Mini Ring Light LSR24 - Technical drawing

