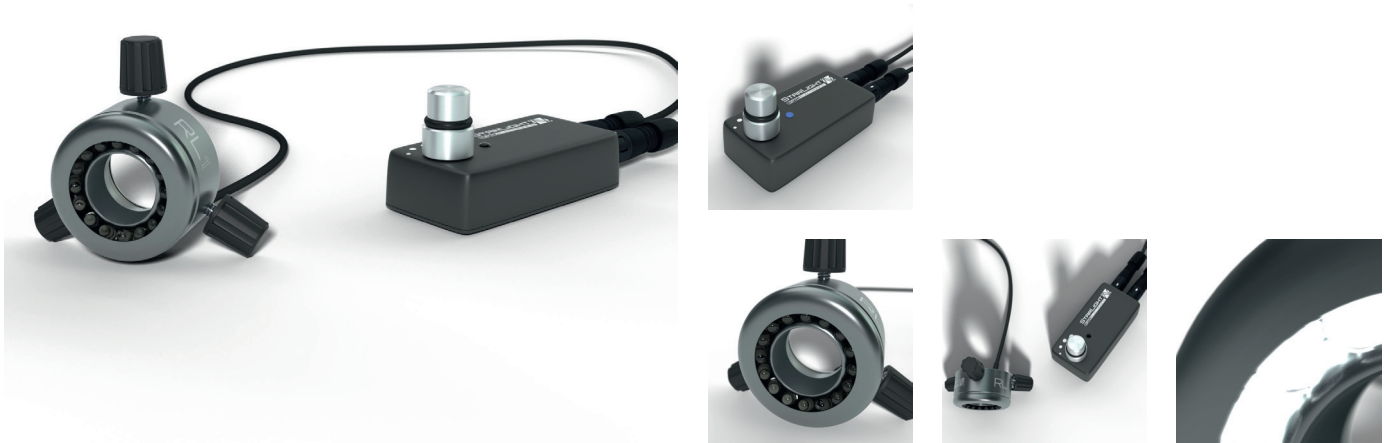




LED Ring Light

RL1

**MADE
IN
GERMANY**

- Homogeneous illumination in the entire working range
- Perfect incident light for applications with cameras and lenses in machine vision
- Flicker-free lighting thanks to optimized electronic
- Brightness adjustable from 0 to 100%
- Various light colors and color temperatures available
- Variable clamping diameter, adaptable with reducing rings
- Solid aluminium housing in modern design



Technical Data

Number of LEDs	16
LED life span	50.000 h (according to manufacturer)
Brightness control	sensitive adjusting 0 - 100% with memory function
Power consumption	approx. 4 W
Input power supply	100 - 240 V AC, 50/60 Hz
Output power supply	24 V DC, 1 A
Height	25 mm
Outer diameter	44 mm
Inner diameter	20 mm (RL1-10), 24 mm (RL1-40)
Clamping diameter	max. 26 mm
Inner thread	M21 × 0,75 (RL1-10), M25 × 0,75 (RL1-40)
Length supply line	0,85 m
Length power cord	1,40 m
Material	anodized aluminium
Color	titanium
Weight	approx. 60 g
Dimensions control unit (l × w × h)	78 mm × 38 mm × 21 mm

Versions

100-009301	RL1-10 PW	pure white (6.500 K), working distance 5 mm - 25 mm (optimal 10 mm)
100-009302	RL1-10 NW	natural white (5.600 K), working distance 5 mm - 25 mm (optimal 10 mm)
100-009303	RL1-10 WW	warm white (3.500 K), working distance 5 mm - 25 mm (optimal 10 mm)
100-010621	RL1-10 R	red (620 nm), working distance 5 mm - 25 mm (optimal 10 mm)
100-010622	RL1-10 G	green (540 nm), working distance 5 mm - 25 mm (optimal 10 mm)
100-010623	RL1-10 B	blue (470 nm), working distance 5 mm - 25 mm (optimal 10 mm)
100-010624	RL1-10 A	amber (590 nm), working distance 5 mm - 25 mm (optimal 10 mm)

Versions

100-009304	RL1-40 PW	pure white (6.500 K), working distance 18 mm - 150 mm (optimal 40 mm)
100-009305	RL1-40 NW	natural white (5.600 K), working distance 18 mm - 150 mm (optimal 40 mm)
100-009306	RL1-40 WW	warm white (3.500 K), working distance 18 mm - 150 mm (optimal 40 mm)
100-010629	RL1-40 R	red (620 nm), working distance 18 mm - 150 mm (optimal 40 mm)
100-010630	RL1-40 G	green (540 nm), working distance 18 mm - 150 mm (optimal 40 mm)
100-010631	RL1-40 B	blue (470 nm), working distance 18 mm - 150 mm (optimal 40 mm)
100-010632	RL1-40 A	amber (590 nm), working distance 18 mm - 150 mm (optimal 40 mm)

Accessories

100-009242	Reducing ring	26 mm → 12 mm
100-010710	Reducing ring	26 mm → 14 mm
100-010709	Reducing ring	26 mm → 16 mm
100-010708	Reducing ring	26 mm → 18 mm
100-009241	Reducing ring	26 mm → 20 mm
100-010707	Reducing ring	26 mm → 22 mm
100-010706	Reducing ring	26 mm → 24 mm