



LED Ring Light 24 V

RL12-24V

**MADE
IN
GERMANY**

- Homogeneous illumination in the entire working range
- Flicker-free lighting thanks to optimized electronic
- Ideal for industry and machine vision
- Huge illuminance
- Brightness adjustable at the PWM trigger
- Power is supplied directly at the machine (24 V)
- 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	12 × Power LED
Brightness control	yes, by PWM trigger
Power consumption	approx. 15 W
Operating voltage	24 V DC
Protection class	III
Connection	M12 plug
Height	42 mm
Outer diameter	130 mm
Inner diameter	66 mm
Clamping diameter	max. 66 mm
Inner thread	M67 × 0,75
Material	anodized aluminium
Color	titanium and black
Weight	approx. 750 g

Versions

100-010780	RL12-25f-24V PW	pure white (5.700 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-010781	RL12-25f-24V NW	natural white (4.000 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-010782	RL12-25f-24V WW	warm white (3.000 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-010783	RL12-25f-24V R	red (625 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-010524	RL12-25f-24V G	green (528 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-010785	RL12-25f-24V B	blue (470 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-010786	RL12-25f-24V A	amber (590 nm), working distance 40 mm - 220 mm (optimal 100 mm)

Versions

100-010770	RL12-25s-24V PW	pure white (5.700 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-010771	RL12-25s-24V NW	natural white (4.000 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-010772	RL12-25s-24V WW	warm white (3.000 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-010773	RL12-25s-24V R	red (625 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-010774	RL12-25s-24V G	green (528 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-010775	RL12-25s-24V B	blue (470 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-010776	RL12-25s-24V A	amber (590 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-010797	RL12-18f-24V PW	pure white (5.700 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-010798	RL12-18f-24V NW	natural white (4.000 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-010799	RL12-18f-24V WW	warm white (3.000 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-010800	RL12-18f-24V R	red (625 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-009851	RL12-18f-24V G	green (528 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-010802	RL12-18f-24V B	blue (470 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-010803	RL12-18f-24V A	amber (590 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-010787	RL12-18s-24V PW	pure white (5.700 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-010788	RL12-18s-24V NW	natural white (4.000 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-010789	RL12-18s-24V WW	warm white (3.000 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-010790	RL12-18s-24V R	red (625 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-010791	RL12-18s-24V G	green (528 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-010792	RL12-18s-24V B	blue (470 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-010793	RL12-18s-24V A	amber (590 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-008880	RL12-10s-24V PW	pure white (5.700 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-010805	RL12-10s-24V NW	natural white (4.000 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-010806	RL12-10s-24V WW	warm white (3.000 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-010807	RL12-10s-24V R	red (625 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-010239	RL12-10s-24V G	green (528 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-010809	RL12-10s-24V B	blue (470 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-010810	RL12-10s-24V A	amber (590 nm), working distance 150 mm - 500 mm (optimal 270 mm)

Accessories

100-007726	Polarisation Filter Set	for RL12 Series
100-007725	Protective Glass	for RL12 Series
100-007724	Diffuser Disc	for RL12 Series
100-005115	Reducing ring	66 mm → 50 mm
100-005116	Reducing ring	66 mm → 52 mm
100-003976	Reducing ring	66 mm → 54 mm
100-003977	Reducing ring	66 mm → 56 mm
100-003978	Reducing ring	66 mm → 58 mm
100-003979	Reducing ring	66 mm → 60 mm
100-003980	Reducing ring	66 mm → 62 mm
100-003981	Reducing ring	66 mm → 64 mm