



LED Ring Light

RL12

**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 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	12 × Power LED
Brightness control	sensitive adjusting 0 - 100% with memory function
Power consumption	approx. 15 W
Input power supply	100 - 240 V AC, 50/60 Hz
Output power supply	24 V DC, 1 A
Height	42 mm
Outer diameter	130 mm
Inner diameter	66 mm
Clamping diameter	max. 66 mm
Inner thread	M67 × 0,75
Length supply line	0,85 m
Length power cord	1,40 m
Material	anodized aluminium
Color	titanium and black
Weight	approx. 750 g
Dimensions control unit (l × w × h)	78 mm × 38 mm × 21 mm

Versions

100-008090	RL12-25f PW	pure white (5.700 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-008091	RL12-25f NW	natural white (4.000 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-008092	RL12-25f WW	warm white (3.000 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-008093	RL12-25f R	red (625 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-008094	RL12-25f G	green (528 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-008095	RL12-25f B	blue (470 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-008096	RL12-25f A	amber (590 nm), working distance 40 mm - 220 mm (optimal 100 mm)

Versions

100-007700	RL12-25s PW	pure white (5.700 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-007701	RL12-25s NW	natural white (4.000 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-007702	RL12-25s WW	warm white (3.000 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-007703	RL12-25s R	red (625 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-007704	RL12-25s G	green (528 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-007705	RL12-25s B	blue (470 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-007706	RL12-25s A	amber (590 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-007710	RL12-18f PW	pure white (5.700 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-007711	RL12-18f NW	natural white (4.000 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-007712	RL12-18f WW	warm white (3.000 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-007713	RL12-18f R	red (625 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-007714	RL12-18f G	green (528 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-007715	RL12-18f B	blue (470 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-007716	RL12-18f A	amber (590 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-007690	RL12-18s PW	pure white (5.700 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-007691	RL12-18s NW	natural white (4.000 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-007692	RL12-18s WW	warm white (3.000 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-007693	RL12-18s R	red (625 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-007694	RL12-18s G	green (528 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-007695	RL12-18s B	blue (470 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-007696	RL12-18s A	amber (590 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-008070	RL12-10s PW	pure white (5.700 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-008071	RL12-10s NW	natural white (4.000 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-008072	RL12-10s WW	warm white (3.000 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-008073	RL12-10s R	red (625 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-008074	RL12-10s G	green (528 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-008075	RL12-10s B	blue (470 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-008076	RL12-10s 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