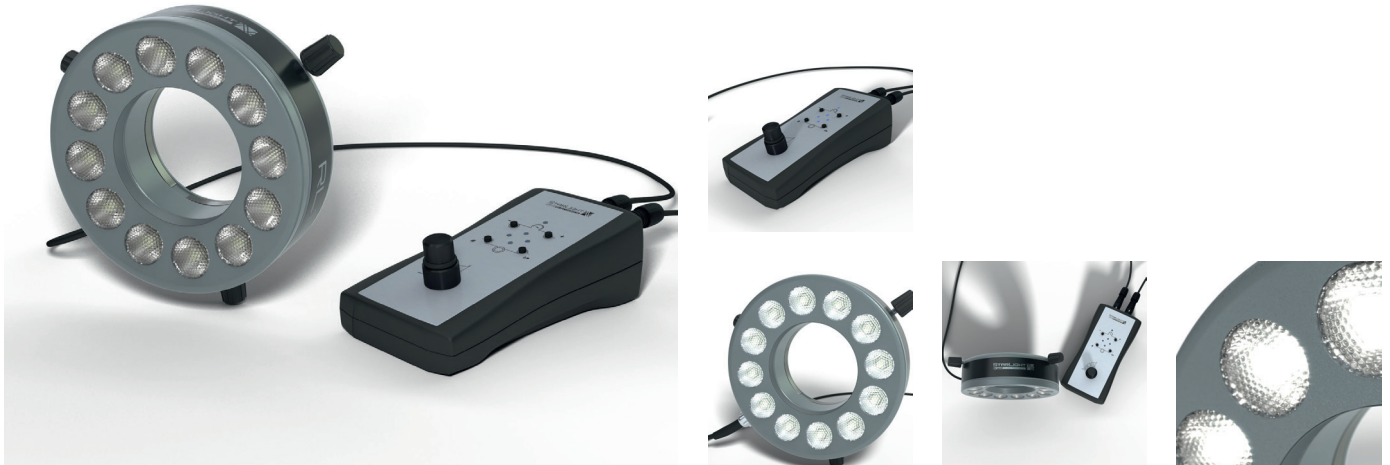




Segment Ring Light

RL12-S40

**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%
- Four switchable segments with variable rotation speed
- Various light colors and color temperatures available
- Variable clamping diameter, adaptable with reducing rings
- Compact and stable aluminium housing



Technical Data

Number of LEDs	12 × Power LED
LED life span	50.000 h (L70, according to manufacturer)
Brightness control	continuous adjusting 0 - 100% (4 segments with different rotation modes)
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)	135 mm × 70 mm × 44 mm

Versions

100-012012	RL12-25f-S40 PW	pure white (5.700 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-012011	RL12-25f-S40 NW	natural white (4.000 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-012010	RL12-25f-S40 WW	warm white (3.000 K), working distance 40 mm - 220 mm (optimal 100 mm)
100-012009	RL12-25f-S40 R	red (625 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-012008	RL12-25f-S40 G	green (528 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-012007	RL12-25f-S40 B	blue (470 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-012006	RL12-25f-S40 A	amber (590 nm), working distance 40 mm - 220 mm (optimal 100 mm)
100-012019	RL12-25s-S40 PW	pure white (5.700 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-012018	RL12-25s-S40 NW	natural white (4.000 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-012017	RL12-25s-S40 WW	warm white (3.000 K), working distance 45 mm - 260 mm (optimal 100 mm)
100-012016	RL12-25s-S40 R	red (625 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-012015	RL12-25s-S40 G	green (528 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-012014	RL12-25s-S40 B	blue (470 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-012013	RL12-25s-S40 A	amber (590 nm), working distance 45 mm - 260 mm (optimal 100 mm)
100-011998	RL12-18f-S40 PW	pure white (5.700 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-011997	RL12-18f-S40 NW	natural white (4.000 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-011996	RL12-18f-S40 WW	warm white (3.000 K), working distance 50 mm - 800 mm (optimal 140 mm)
100-011995	RL12-18f-S40 R	red (625 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-011994	RL12-18f-S40 G	green (528 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-011993	RL12-18f-S40 B	blue (470 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-011992	RL12-18f-S40 A	amber (590 nm), working distance 50 mm - 800 mm (optimal 140 mm)
100-012005	RL12-18s-S40 PW	pure white (5.700 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-012004	RL12-18s-S40 NW	natural white (4.000 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-012003	RL12-18s-S40 WW	warm white (3.000 K), working distance 90 mm - 180 mm (optimal 140 mm)
100-012002	RL12-18s-S40 R	red (625 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-012001	RL12-18s-S40 G	green (528 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-012000	RL12-18s-S40 B	blue (470 nm), working distance 90 mm - 180 mm (optimal 140 mm)
100-011999	RL12-18s-S40 A	amber (590 nm), working distance 90 mm - 180 mm (optimal 140 mm)

Versions

100-011991	RL12-10s-S40 PW	pure white (5.700 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-011990	RL12-10s-S40 NW	natural white (4.000 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-011989	RL12-10s-S40 WW	warm white (3.000 K), working distance 150 mm - 500 mm (optimal 270 mm)
100-011988	RL12-10s-S40 R	red (625 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-011987	RL12-10s-S40 G	green (528 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-011986	RL12-10s-S40 B	blue (470 nm), working distance 150 mm - 500 mm (optimal 270 mm)
100-011985	RL12-10s-S40 A	amber (590 nm), working distance 150 mm - 500 mm (optimal 270 mm)

Accessories

100-007725	Protective Glass	for RL12 Series
100-007726	Polarisation Filter Set	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