

LED Segment Ring Light red 625 nm, working distance 40-220 mm, 12 LEDs - Starlight RL12-25f-S40 R

Item no. STL-100-012009

Manufacturer Starlight

LED segment ring light in red 625 nm with 12 individually usable segments for directed, low-shadow illumination. A working distance of 40-220 mm (optimum 100 mm) and a rugged anodised aluminium housing make it ideal for microscopy and inspection.

TECHNICAL DATA

Colour	Red
Weight	0.1 kg



DESCRIPTION

The LED segment ring light RL12-25f-S40 R emits light in red 625 nm and illuminates the inspection area via 12 LEDs with minimal shadowing. A working distance of 40-220 mm (optimum 100 mm) suits high-resolution microscopy and visual inspection.

BENEFITS

- Pure red 625 nm light for high-contrast inspection tasks
- 12 LEDs in a segment layout for directed, low-shadow illumination
- Flexible working distance 40-220 mm, optimum at 100 mm
- Rugged anodised aluminium housing, only 42 mm high
- M67 x 0.75 internal thread for direct microscope mounting

TECHNICAL DATA

Model	RL12-25f-S40 R
Light colour	red
Wavelength	625 nm
Number of LEDs	12
Working distance	40-220 mm
Optimum working distance	100 mm

Inner diameter	66 mm
Outer diameter	130 mm
Height	42 mm
Internal thread	M67 x 0.75
Material	anodised aluminium
Power consumption	15 W
Feed cable length	0.85 m
Cable length	1.4 m
Manufacturer part no.	WL62562
ESD safe	no

APPLICATIONS

Used in microscopy, optical quality control, assembly inspection and electronics rework, wherever uniform, colour-pure illumination of the object field is required.