ESD magnifier luminaire

RLL Premium

Maximum precision, ergonomic comfort and certified ESD safety



COLOUR RENDERING
CRI > 90

LIGHT COLOUR
5,000 K

ILLUMINANCE
7,900 lx
at 15 cm

SERVICE LIFE
50,000 h

Versions

900 lm · 7,900 lx · 8 W



RLL Premium	
3 dioptres	244.96-3ESD
5 dioptres	244.96-5ESD

Technical data

Values per version. Values shaded grey apply to every version, otherwise they depend on the version.

	LENS **3 dioptres** 1.75X	LENS **5 dioptres** 2.25X
Item no. per version		
Item no.	244.96-3ESD	244.96-5ESD
Light		
Luminous flux	900 lm	
Illuminance (15 cm)	7,900 lx	
Colour temperature	neutral white (5000 Kelvin)	
Colour rendering	CRI > 90 (typ. 93)	
Dimming	stepDIM 30-80-100 %	
Power	8 W	
Design & material		
Weight	4 kg	
Colour	Silver grey RAL 9006	
Lens material	biconvex ground glass lens	
Lens cover	translucent, impact-resistant plastic (PC)	
LED cover	dissipative coated LED cover / ESD protective cover for luminaire head	
Articulated arm lengths	381 mm upper arm + 386 mm lower arm	
Joint type	Gas spring arm	
Technology		
Supply voltage	100-240 V / 50-60 Hz	
Service life	50,000 h	
Protection class	IP 20	
Glass lens diameter (Ø)	120 mm	
Magnification	1.75x	2.25x
Focal length	333 mm	200 mm
Plug type	Euro plug (CEE 7/16)	
Operation & connection		
Switch	Multifunction button in the luminaire head (ON/OFF/Dim)	
Connection	2.0 m PVC cable with detachable plug-in power supply (Euro plug)	

Highlights

MAGNIFICATION

3 / 5 dpt

1.75x / 2.25x magnification

Ø 120 mm

Glass lens

Biconvex ground glass magnifier.

LED SERVICE LIFE

50,000 h

Calculated 25 years at 8 hours on 250 working days per year.

Efficient and convenient

Energy-saving LEDs, distance adjustable via the articulated arm.

All in one luminaire

Magnification and light for the finest work.

Dimmable in 3 steps

Light in three steps: 30-80-100 %, via the multifunction button in the luminaire head.

Gas spring arm

Parallelogram-guided with gas springs: steplessly and easily adjustable, without sagging. Upper and lower arm 381 + 386 mm.

ESD-compliant

LED cover with dissipative coating, ESD protective sleeve for the luminaire head.

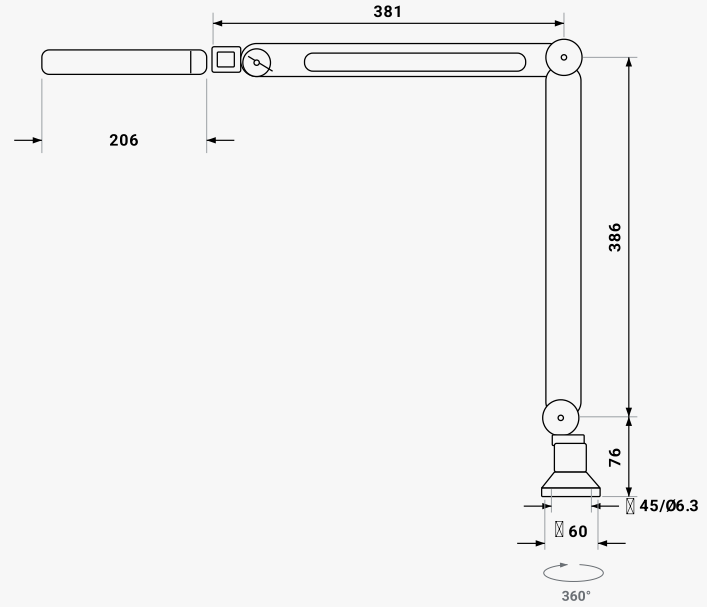
Lens protection

Translucent, impact-resistant plastic (PC). Included.

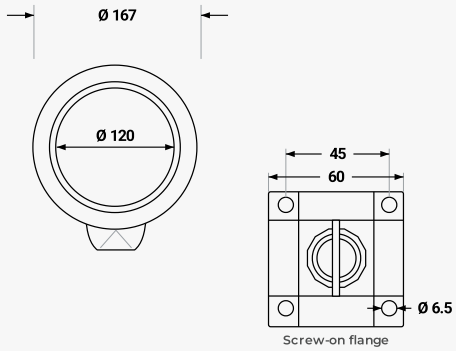
Dimensions & accessories

All dimensions in mm.

SIDE VIEW



LUMINAIRE HEAD AND FLANGE



ALL VERSIONS

LENS	ARTICULATED ARM	WEIGHT
Ø 120 mm	**381 + 386 mm**	**4 kg**

Accessories available separately

	ITEM	ITEM NO.
	**Table base 10.5 kg · Silver**	31796 for all versions
	**Table clamp (0-44 mm) · Silver**	00395 for all versions
	**Table clamp (16-85 mm) · Silver**	00495 for all versions
	**Wall bracket · Silver**	00295 for all versions

Scope of delivery: Screw-on flange, LED light source, lens cover

Contact

Questions about the ESD magnifier luminaire RLL Premium?

We advise you personally, including lighting design for your workplace.

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OPENING HOURS
Mon - Fri 9:00 am - 6:00 pm (CET)

PRODUCT PAGE OPEN