

INDUSTRIELLE LED-MAGNIFYING LAMPS

Optimum illumination according to the most modern, economical standard. The closed construction makes it a ideal instrument for mechanical, electronic, or other precision applications as well as for the printed circuit board, dental and jewellery industries.

Therefore, the highest value is placed on the light quality of the magnifier luminaires. They have powerful light sources with excellent luminous efficacy.

The quality and precise positioning of the light sources in relation to the lens allows almost shadow-free magnification and excellent colour rendering. The crown-glass-lens has a lower refractive index than magnifier luminaires with plastic lenses. It reduces the loss of light transmission through the lens, resulting in less image distortion.

The three-dimensional function is particularly useful for inspections and rework on printed circuit boards and similar delicate objects.

The loupes are specially designed to maximize horizontal and vertical movements. They are characterized by a considerable horizontal action radius and always maintain the correct position without drifting off. Exact positioning is possible thanks to the flexibility of the self-balancing arm and the joint between the lamp head and the arm.

The following types are available:

CHARACTERISTICS	9-161	9-101	9-104	NEW	9-115	NEW	9-116	NEW
glass lens	5 dioptries (2,25x magnification)	3 dioptries (1,75x magnification)	3,55 dioptries (1,9 x magnification)	6,0 dioptries (2,5x magnification)	6,0 dioptries (2,5x magnification)			
LED module	2 x 6 W	1 x 10 W	12 W		approx. 5 W		approx. 5 W	
3 step dimmer	0-50-100%	0-50-100%	0-40-60-100 %	-	-	-	-	
focal length	297 mm, 4600 lux	330 mm, 1500 lux	200mm, 6000 lux		150 mm, 6000 lux		150 mm, 6000 lux	
colour temperature (CCT)	4000 K	4000 K	6500 K		6200 K		6200 K	
colour rendering index (CRI)	Ra 80	Ra 80	Ra >85		Ra >85		Ra >85	
crown glass	rectangular 171 x 114 mm	round Ø 127 mm	round Ø 132 mm		round Ø 76 mm		round Ø 76 mm	
power	13 W	11 W	15 W		4,6 W		4,6 W	
voltage	230 V / 50 Hz	230 V / 50 Hz	230 V		24 V		24 V	
shutoff	automatically after 4 or 9 hours	automatically after 4 or 9 hours	-		-		-	
arm length	1050 mm	1000 mm	900 mm		350 mm		565 mm	
colour	black	white	white		black-grey		black-grey	
weight	4600 g	2000 g	1300 g		680 g		780g	
expandable	Secondary attachment lenses (STAYS) with 4, 6 or 10 diopters can be attached to the crown glass lens. (STAYS: Self-Traction Accessory Yield System)		Extendable with add-on lenses by 4, 6 and 10 diopters respectively		-		-	

▶ 9-161

ESD LED magnifier light WAVE 5 dioptres

Flexible, self-balancing steel light arm, with aluminium head and table clamp (AH clamp). Efficient, dimmable, shadow-free 3D illumination, selectable LED left/right illumination. High-quality crown glass lens for maximum clarity, precision and visual comfort.

Industrial magnifier luminaires with powerful light sources and optimum illumination according to the latest economic standards. The quality and precise positioning of the light sources in relation to the lens enable almost shadow-free magnification. The crown glass lens has a lower refractive index than magnifier luminaires with plastic lenses, and reduces light transmission loss, resulting in less image distortion. Exact positioning is possible thanks to the flexibility of the self-balancing arm and the joint between the luminaire head and the arm. 5 year warranty, supplied with dust cover and EU plug

Magnification: 5.0 dpt

Lens dimensions: 171 x 114 mm



▶ 9-101

LED magnifying lamp LFM 3.0 diopters

Round magnifying lamp in modern lightweight construction with small dimensions, as metal construction with LED (light emitting diode) light sources and a flexible spring arm. The glass lens with a diameter of 127 mm is located in the middle of an LED light ring. This enables perfect illumination of objects for shadow-free viewing.

Applications: Excellent for precision work, including electronic rework, deburring, sample preparation, preparation, assembly and manipulation, and wherever the smallest possible magnifying lamp is required.

Magnification: 3.0 dpt

Lens diameter: 127 mm



▶ 9-104

LED magnifying lamp LFM 3.0 diopters

The magnifying lamp is equipped with the aspherical PXM® light lens with era-tec® hard coating. The fold-down lens cover serves as dust protection. 6 joints ensure optimal alignment of the magnifier head. It features an easy-to-use panel with separate buttons. The ring light, made of 84 long-life, high-power LEDs, ensures cast-shadow-free, uniformly bright illumination of the work surface.

Magnification: 3.55 dpt

Lens diameter: 132 mm

