

Лупы с подсветкой CARL ROTH MAULvisio, LED compact, MAULcrystal, varioLEDflex, Tevisio, LL6 UV, MaxDetail, easyPOCKET

Технические характеристики

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Illuminated magnifiers



Stand magnifier

ROTH SELECTION.

With swivelling plastic lens. Can be used with mini light panel NL24.1.

Technical specifications:

Art. No.	NL23.1
Magnification	1.75x
Dimensions	Lens: L 140 x W 100 mm
Height	185 mm

Magnification	Art. No.	Pack Qty.	
1.75x	NL23.1	1 unit(s)	



Tabletop magnifier LED

ROTH SELECTION. Material: Plastic.

With frameless plastic lens, two-times magnification, with integrated smaller lens with four-times magnification. Separate LED bulb with four LEDs. With removable clamp for attaching to edge of table.

Technical specifications:

Art. No.	PK48.1
Magnification	2-times, 4-times
Field of view	Ø 102 mm
Light source	LED
Performance	0,06 W
Power supply	2 x 1.5 V AAA batteries

Light contains integrated LEDs which cannot be changed.

Delivery incl. batteries.

Version	Magnification	Art. No.	Pack Qty.	
Tabletop magnifier	2-times, 4-times	PK48.1	1 unit(s)	



Magnifier lamp MAULviso

MAUL.

Easy-to-use, robust magnifier lamp.

- Glass lens (144 cm²)
- Uniform illumination thanks to LEDs arranged in a ring (56 SMD LEDs)
- Colour temperature: Daylight white
- Lamp head can be adjusted upwards and downwards
- Stable metal arm, variable adjustment
- Arm length: Bottom 410 mm, top 410 mm, height in normal working position 420 mm
- Clamp base for clamping widths of up to 63 mm

Technical specifications:

Art. No.	KLX1.1
Type	MAULviso
Colour	white
Magnification	1.75x
Dioptries	3 dpt
Stand length	750 mm
Field of view	Ø 127 mm
Light source	LED
Service life	20,000 hours
Performance	8 W
Energy efficiency class	A
Luminosity	2,120 lx
Luminous flux	660 lm
Colour temperature	6500 K
Cable length	1.60 m
Mains connection	230 V, 50 Hz

Delivery incl. protective cap.

Colour	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
white	1.75x	750	KLX1.1	1 unit(s)	

Illuminated magnifiers



Magnifier lamp LED compact

ROTH SELECTION. Material: Glass, Plastic stand.

- Glass lens with three dioptries, field of vision Ø 100 mm
- Embedded 12-dioptre lens, field of vision Ø 25 mm
- Infinitely dimmable
- 40 LEDs
- Colour temperature: Daylight white
- Head can be tilted upwards and downwards, and pivoted to the side
- Arm length: 260 mm
- Height in normal working position: 340 mm
- Sturdy base with ballasting, 170 x 180 mm
- With compartment in the base for small utensils

Technical specifications:

Art. No.	NK01.1	NK02.1
Type	LED compact	
Colour	white	black
Magnification	1.75-times, 4-times	
Dioptries	3 dpt, 12 dpt	
Stand length	260 mm	
Field of view	Ø 100 mm, Ø 25 mm	
Light source	LED	
Service life	20,000 hours, maintenance-free	
Performance	7 W	
Energy efficiency class	A	
Luminosity	2,160 lx	
Luminous flux	470 lm	
Colour temperature	6500 K	
Cable length	1.40 m	
Mains connection	230 V, 50 Hz	

Delivery incl. protective cap.

Version	Colour	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
Tabletop magnifier	white	1.75-times, 4-times	260	NK01.1	1 unit(s)	
Tabletop magnifier	black	1.75-times, 4-times	260	NK02.1	1 unit(s)	



Magnifier lamp LED

MAUL.

Ideal for precision work in laboratories, workshops and engineering offices.

- Glass lenses, metal stand
- Uniform illumination thanks to LEDs arranged in a ring (56 SMD LEDs, non-replaceable)
- Colour temperature: Daylight white
- Ball-and-socket joint allows three-dimensional head rest adjustment
- Stable metal arm in a plastic trim, can be rotated by 360° and tilted
- Arm length bottom 400 mm, top 390 mm, height in normal working position 440 mm
- Clamp base for clamping widths of up to 65 mm

Technical specifications:

Art. No.	KHE1.1
Colour	white
Magnification	1.75x
Dioptries	3 dpt
Stand length	720 mm
Field of view	Ø 127 mm
Light source	LED
Service life	20,000 hours, maintenance-free
Performance	8 W
Energy efficiency class	A
Luminosity	2,220 lx
Luminous flux	580 lm
Colour temperature	6500 K
Cable length	1.70 m
Mains connection	230 V, 50 Hz

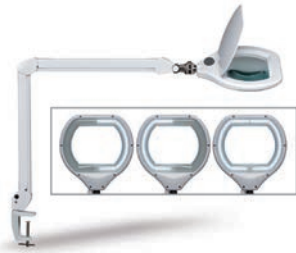
La lampe contient des LED intégrées qui ne peuvent pas être remplacées.

Delivery incl. protective cap.

Colour	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
white	1.75x	720	KHE1.1	1 unit(s)	



Illuminated magnifiers



Magnifier lamp MAULcrystal

MAUL.

Ideal for precision work in laboratories, workshops and engineering offices.

- Large glass lens (234 cm²)
- Infinitely dimmable
- With segmented lighting (42 LEDs on the left, 42 LEDs on the right or all 84 LEDs)
- Colour temperature: Daylight white
- Ball-and-socket joint allows three-dimensional head rest adjustment
- Stable metal arm in a plastic trim, can be rotated by 360° and tilted
- Arm length: bottom 390 mm, top 440 mm, height in normal working position 420 mm
- Clamp base for clamping widths of up to 63 mm

Technical specifications:

Art. No.	KLX2.1
Type	MAULcrystal
Colour	white
Magnification	1.75x
Dioptries	3 dpt
Stand length	800 mm
Field of view	178 x 132 mm
Light source	LED
Service life	20,000 hours
Performance	17 W
Energy efficiency class	A
Luminosity	2,840 lx
Luminous flux	1,250 lm
Colour temperature	6300 K
Cable length	1.5 m
Mains connection	230 V, 50 Hz

Delivery incl. protective cap.

Colour	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
white	1.75x	800	KLX2.1	1 unit(s)	



Magnifier lamp varioLEDflex

Eschenbach. Material: PXM®.

With shadow-free ring illumination and structure-accentuating segment illumination. A flexible gooseneck stand with a smooth action and the lens which also tilts in two directions ensures precise adjustment of the magnifier head to suit individual requirements.

- Aspheric PXM® lightweight lens, cera-tec® hard-coated
- Good edge definition
- 63 LEDs
- Illumination level: approx. 6000 lx at only 5 W (ring illumination)

Technical specifications:

Art. No.	AEA3.1
Type	varioLEDflex
Magnification	2.5x
Dioptries	6 dpt
Stand length	410 mm
Field of view	Ø 76 mm
Light source	LED
Service life	50,000 hours, maintenance-free
Performance	5 W
Luminosity	6,000 lx
Colour temperature	6000 K
Cable length	2.5 m
Mains connection	110–230 V, 50/60 Hz

Light contains integrated LEDs which cannot be changed.

Delivery incl. mains adapter (EU/GB/US) and sturdy steel table clamp (clamp opens to max. 60 mm).

Version	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
Tabletop magnifier with clamping base	2.5x	410	AEA3.1	1 unit(s)	

Illuminated magnifiers



Illuminated ring magnifier LED

Waldmann. Material: Plastic, Housing made of anodised aluminium and black plastic.

Very sturdy and rugged, resistant to vibration. Excellent colour rendering and homogeneous light distribution.

- Anti-scratch plastic lens
- Distortion-free field of vision
- 63 x Low Power LEDs
- Colour temperature: Neutral-white
- Comfortable switching on/off using sensor button on lamp head

Technical specifications:

Art. No.	CCE1.1
Magnification	2.5x
Dioptries	6 dpt
Stand length	730 mm
Field of view	Ø 72 mm
Light source	LED
Performance	6 W
Energy efficiency class	A
Luminosity	2,660 lx
Colour temperature	3700–4300 K
Colour rendering (Ra)	85 Ra
Cable length	2.3 m
Mains connection	100–240 V, 50/60 Hz

Light contains integrated LEDs which cannot be changed.

Delivery incl. base and protective lens casing.

Version	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
Tabletop device	2.5x	730	CCE1.1	1 unit(s)	



Magnifier lamp Tevisio

Waldmann. Material: Glass, Housing made of anodised aluminium and black plastic.

For demanding applications in research, manufacturing, quality assurance and assembly.

- Large, distortion-free field of vision
- Anti-scratch glass lens
- Lens removal without tools for cleaning or replacement
- 48 LEDs
- Various light segments can be switched on and off to create structure-accentuating effects
- Continuously variable dimming to 10%
- Colour temperature: Neutral-white
- 40 % energy saving compared to standard magnifier lamps
- 3D head joint for individual adjustments

Technical specifications:

Art. No.	1EC4.1	1EC5.1
Type	Tevisio	
Magnification	1.9x	
Dioptries	3,5 dpt	
Stand length	784 mm	984 mm
Field of view	Ø 160 mm	
Light source	LED	
Service life	50,000 hours, maintenance-free	
Performance	13 W	
Energy efficiency class	A	
Luminosity	6,000 lx	
Colour temperature	4000 K	
Weight	2.5 kg	3 kg
Cable length	3.6 m	3.4 m
Mains connection	100–240 V, 50/60 Hz	

Light contains integrated LEDs which cannot be changed.

Delivery incl. base and protective cap.

Magnification	Stand length (mm)	Art. No.	Pack Qty.	
1.9x	784	1EC4.1	1 unit(s)	
1.9x	984	1EC5.1	1 unit(s)	



Illuminated magnifiers



Magnifier lamp LL6 UV

Starlight Opto-Electronics.

LED magnifier light for daily use in business and industry.

- Glass lens
- Infinitely dimmable
- Can be switched between pure white and UV
- Robust, easily attachable hinged arm
- All-metal design for the most demanding conditions, can be disinfected
- Flicker-free light thanks to optimised, low-loss electronics
- Very powerful and uniform illumination
- Arm length: Bottom 450 mm, top 400 mm
- Clamp base for clamping widths of up to 50 mm

Technical specifications:

Art. No.	KLX3.1
Type	LL6 UV
Colour	grey
Magnification	3x
Dioptres	6 dpt
Stand length	850 mm
Field of view	Ø 120 mm
Light source	LED
Service life	50,000 hours
Performance	20 W
Colour temperature	6000 K
Wavelength	365 nm
Weight	2,65 kg
Cable length	1.5 m
Mains connection	120–240 V, 50/60 Hz

Delivery incl. protective hood.

Colour	Magnification	Stand length (mm)	Art. No.	Pack Qty.	
grey	3x	850	KLX3.1	1 unit(s)	



Magnifying glasses MaxDetail

Eschenbach.

2-times magnification. Universal magnifying glasses for all kinds of work, when you need your hands free.

- Adjustable arms for a snug fit
- Large field of vision (~150 mm at 400 mm working distance)
- Dioptre compensation of ± 3 dpt possible

Technical specifications:

Art. No.	HE06.1
Type	MaxDetail
Magnification	2x
Dioptres	3 dpt
Field of view	150 mm
Working distance	400 mm
Weight	49 g

Version	Magnification	Art. No.	Pack Qty.	
Magnifying glasses	2x	HE06.1	1 unit(s)	



Headband magnifiers

Eschenbach.

Enables good spatial vision from both eyes with the binocular lens divisions. Suitable for glasses wearers. Lens is sheltered on all sides to protect against flare. Lenses can be flipped up when not in use.

Technical specifications:

Art. No.	P106.1	P107.1	P108.1	P109.1
Magnification	1.7x	2x	2.5x	3x
Working distance	400 mm	250 mm	180 mm	130 mm

Version	Magnification	Art. No.	Pack Qty.	
Magnifying glasses	1.7x	P106.1	1 unit(s)	
Magnifying glasses	2x	P107.1	1 unit(s)	
Magnifying glasses	2.5x	P108.1	1 unit(s)	
Magnifying glasses	3x	P109.1	1 unit(s)	

Illuminated magnifiers



Headlight LED

Eschenbach.

High-performance LED light for shadow-free, ergonomic and fatigue-free working at near-constant illumination levels. Light swivels vertically into the desired position. For attachment to headband magnifiers (P106.1 ff.) and the MaxDetail magnifying glasses (HE06.1).

- 2 high-performance LEDs
- Light strength: Approx. 3200 lx in 250 mm, approx. 1200 lx in 400 mm
- Weight: Lamp housing 11 g, battery housing (without batteries) 60 g

Technical specifications:

Art. No.	CPT7.1
Type	Headlight LED
Light source	LED
Service life	Approx. 8 hours (normal operation), approx. 14 hours (eco mode)
Dimensions	Lamp housing: 32 x 20 x 34 mm. Battery housing (incl.clip) 90 x 55 x 40 mm
Cable length	1 m
Power supply	3 x 1.5 V AA batteries

Light contains integrated LEDs which cannot be changed.

Delivery incl. adapter for headband magnifiers and MaxDetail magnifying glasses, hard foam case and batteries.

Version	Art. No.	Pack Qty.	
LED light	CPT7.1	1 unit(s)	



Magnifiers for glasses binocular

Eschenbach.

Simple and effective magnifying aid for users with glasses.

- Clip easily onto almost any glasses frame
- The field of vision is not reduced
- Leaves both hands free to work

Technical specifications:

Art. No.	P103.1	P104.1	P105.1	H577.1
Magnification	1.7x	2x	2.5x	3x
Working distance	400 mm	250 mm	180 mm	160 mm

Version	Magnification	Art. No.	Pack Qty.	
Magnifying glasses	1.7x	P103.1	1 unit(s)	
Magnifying glasses	2x	P104.1	1 unit(s)	
Magnifying glasses	2.5x	P105.1	1 unit(s)	
Magnifying glasses	3x	H577.1	1 unit(s)	



Pocket illuminated magnifying glass white-light LED

Eschenbach. Material: PXM®.

- Ergonomically shaped handle
- Large, easy-to-operate light switch
- Aspheric PXM® lightweight lens
- Lenses are hard coated on both sides
- Easy battery replacement

Technical specifications:

Art. No.	1HEN.1	1HEP.1	1HET.1	PT98.1	PT99.1
Magnification	3x	5x	7x	10x	12.5x
Dioptres	12 dpt	20 dpt	28 dpt	38 dpt	50 dpt
Field of view	Ø 58 mm		Ø 35 mm		
Working distance	49 mm	36 mm	29 mm	20 mm	15 mm
Light source	LED				
Weight	97 g	105 g	77 g	78 g	75 g
Power supply	2 x 1.5 V AA batteries				

With attachable filters for different light colours.

Delivery incl. batteries and dust cap (can be folded back).

Version	Magnification	Art. No.	Pack Qty.	
Hand magnifier	3x	1HEN.1	1 unit(s)	
Hand magnifier	5x	1HEP.1	1 unit(s)	
Hand magnifier	7x	1HET.1	1 unit(s)	
Hand magnifier	10x	PT98.1	1 unit(s)	
Hand magnifier	12.5x	PT99.1	1 unit(s)	



Illuminated magnifiers



Precision illuminated magnifying glass

Eschenbach. Material: PXM®.

With removable measuring scale. 10-times magnification, (38 dpt) thanks to the aspherical PXM® lightweight lens. The measuring scale is divided in intervals of 0.5 mm and 1/64 inch.

Technical specifications:

Art. No.	H568.1
Magnification	10x
Dioptres	38 dpt
Field of view	Ø 35 mm
Power supply	2 x 1.5 V Baby C batteries

Delivery without batteries, please order separately.

Version	Magnification	Art. No.	Pack Qty.	
Hand magnifier	10x	H568.1	1 unit(s)	



Precision measuring magnifier

Eschenbach.

With a distortion-free, high-quality, achromatic lens. Lens-Ø 23 mm. Handy focus ring for focusing. Removable scale with 20 mm measuring range and 0.1 mm graduation. Glass-fibre strengthened polyamide housing.

Technical specifications:

Art. No.	H570.1	H571.1
Magnification	7x	10x
Field of view	Ø 23 mm	

Version	Magnification	Art. No.	Pack Qty.	
Handheld magnifying glass	7x	H570.1	1 unit(s)	
Handheld magnifying glass	10x	H571.1	1 unit(s)	



Accessories LED lighting for precision measuring magnifier

Eschenbach.

Technical specifications:

Art. No.	H572.1
Light source	LED
Power supply	2 x 1.5 V Baby C batteries

Delivery without batteries, please order separately.

Version	Art. No.	Pack Qty.	
Built-in lighting	H572.1	1 unit(s)	



Pocket illuminated magnifying glass easyPOCKET

Eschenbach.

- Aspheric lens
- Ultra-flat
- With LED lighting
- Switch on and off by simply pulling the magnifying glass out of its protective case
- Glass-fibre reinforced plastic case to protect the lens

Technical specifications:

Art. No.	KC50.1	KC51.1
Type	easyPOCKET	
Colour	silver	black
Magnification	3x	
Light source	LED	
Dimensions	Lens: L 50 x W 46 x H 3 mm, Plastic case: L 85 x W 55 x H 6 mm	
Power supply	3 V CR 2025 batteries	

Delivery incl. battery.

Version	Colour	Magnification	Art. No.	Pack Qty.	
Handheld magnifying glass	silver	3x	KC50.1	1 unit(s)	
Handheld magnifying glass	black	3x	KC51.1	1 unit(s)	

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