

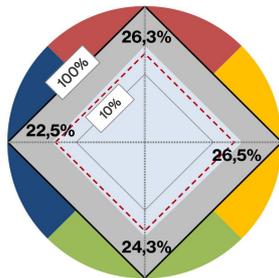
# laservision

## laser safety magnifier F27P1M03 420mm



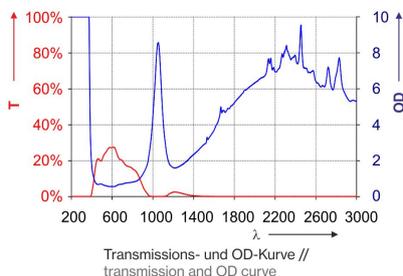
Articlenumber: F27P1M031241  
GTIN: 4050369041127  
Unit: 1 Stück  
Weight incl. packaging 0,59 kg  
Weight excl. packaging: 0,10 kg

### Color view



Transmission der Signalfarben nach DIN EN 172 //  
transmission of signal colours acc. to EN 172

### Filtercurve



Transmissions- und OD-Kurve //  
transmission and OD curve

### Highlights

- Full Protection with LB levels acc. to EN 207
- Suitable for the UV range, Nd:YAG, disc-, fiber- and CO<sub>2</sub>-Laser
- Anti-scratch / anti-fog coating
- Very good color view
- Very good VLT
- Available in the frame [F18](#), [F22](#), [F29](#), [F47](#) and as a laser safety magnifier ([F27](#))

The laservision laser safety magnifier F27.P1M03.1241 with standard temples is certified acc. EN 207, has full protection for the almost continuous wavelength range 180-14000nm. It is especially suitable for medical lasers, for combination lasers around 1064nm, for CO<sub>2</sub> lasers, Nd: YAG, disk and fiber lasers and in the NIR range. It also has M protection levels for ultra-short laser pulses. The laser safety goggle has a good visual brightness and a daylight transmission (VLT) of approx. 25%. The delivery of the laser safety loupes is carried out in a foam-filled plastic case with eyeglass cloth, sterilizable swivel levers and a cord for hanging or for individually determining the glasses on the head. laservision recommends the professional cleaning station (A99.CLSTA.1300) for cleaning the laser safety loupe.

<b>COATING:</b>	Front side anti-scratch / rear side anti-fog
<b>CUSHION:</b>	No cushion
<b>FILTER:</b>	P1M03
<b>FILTER COLOUR:</b>	Grey
<b>FILTER CURVATURE:</b>	Flat filter
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 2mm
<b>FRAME:</b>	F27
<b>FRAME TYPE:</b>	OTG with temples
<b>PROPERTIES:</b>	M-protection rating
<b>PROTECTION CLASS / NORM:</b>	EN 207 full protection
<b>PROTECTION RANGE:</b>	near infrared, Infrared, ultraviolet
<b>VLT (APPROX.):</b>	25%
<b>VISUAL BRIGHTNESS:</b>	Good
<b>COLOUR RECOGNITION:</b>	Very good

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 375	(OD8+)	D LB6 + IR LB8 + M LB8Y
>375 - 385	(OD3+)	DIRM LB3
1020 - <1030	(OD6+)	DIRM LB6
1030 - <1040	(OD7+)	D LB6 + IRM LB7
1040 - 1064	(OD8+)	D LB6 + IR LB8 + M LB8Y
>1064 - 1073	(OD7+)	D LB6 + IRM LB7
>1073 - 1083	(OD6+)	DIRM LB6
>1083 - 1090	(OD5+)	DIRM LB5
1090 - 1100	(OD4+)	DIRM LB4
1400 - <1600	(OD2+)	DIRM LB2
1600 - <1750	(OD3+)	DIM LB3 + R LB3Y
1750 - 3000	(OD4+)	DIM LB4 + R LB3Y
>3000 - <5400	(OD2+)	DIRM LB2
5400 - 14000	(OD6+)	DI LB4 + R LB3Y + M LB5Y