laservision

laser safety spectacle F42P1L10

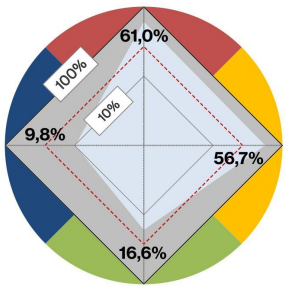
Articlenumber: F42P1L101001
GTIN: 4050369050051
Unit: 1 Stück
Weight incl. packaging 0,24 kg
Weight excl. packaging: 0,05 kg

Highlights

- Full Protection (LB) for Nd:YAG, SHG, THG incl. pump diodes
- DIRM LB4 protection level for 532nm DIRM LB6 for 355nm
- Fluorescence effect for alignment
- As OTG in the F18/F22 frame available

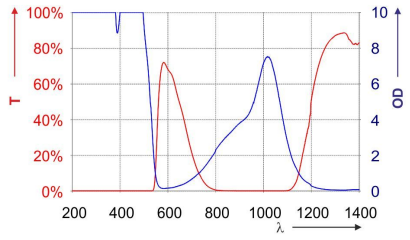
The laser safety spectacle F42.P1L10.1001 with disinfectable folding brackets, a new quick release system and cold-forming temple ends has a daylight transmission of approx. 40%. The laser safety is characterized with very high protection against current laser pointer within the blue, green and red range. It provides full protection acc. EN 207 and features M-ratings within the complete range from 180 – 1070nm. It can also be worn as overglasses via prescription lenses. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For cleaning the laser safety goggle, laservision recommends the professional cleaning station (A99CLSTA1300).

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

COATING:	no coating
FILTER:	P1L10
FILTER COLOUR:	Orange
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F42
FRAME TYPE:	OTG with temples
PROPERTIES:	Quick Release, Lightweight, M-protection rating, kaltverformbare Bügelenden, desinfizierbar
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, visible, ultraviolett
VLT (APPROX.):	40%
VISUAL BRIGHTNESS:	Very good
COLOUR RECOGNITION:	Limited

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD8+)	D LB8 + IR LB4 + M LB6
>315 - 500	(OD8+)	D LB6 + IR LB8 + M LB7Y
>500 - 515	(OD6+)	DIRM LB6
>515 - 532	(OD4+)	DIRM LB4
>532 - 535	(OD3+)	DIRM LB3
>535 - 540	(OD2+)	DIRM LB2
>540 - 545	(OD1+)	DIRM LB1
545 - 545	–	0,01W 2x10E-6J RB1
800 - <880	(OD2+)	DIRM LB2
880 - <950	(OD3+)	DIRM LB3
950 - <975	(OD4+)	DIRM LB4
975 - <995	(OD5+)	DIRM LB5
995 - 1040	(OD6+)	DIRM LB6
>1040 - 1057	(OD5+)	DIRM LB5
>1057 - 1075	(OD4+)	DIRM LB4
>1075 - 1090	(OD3+)	DIRM LB3
>1090 - 1109	(OD2+)	DIRM LB2

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