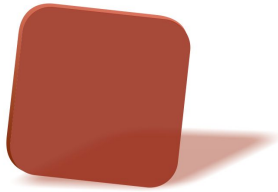


# laservision

## laser safety window P1L03



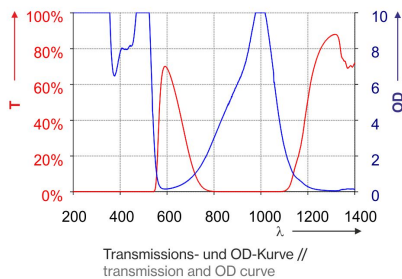
Articlenumber: 000P1L031001

GTIN: 4050369026919

Unit: 1 Stück

Weight incl. packaging 0,07 kg

### Filtercurve



### Highlights

The plastic laser safety window P1L03 from laservision is a standard window for multiple frequent NIR-laser systems in the UV-, VIS (532nm) and the NIR (800-1070nm) area. The red-brown filter material features 26% VLT and is user specific available up to sizes 1219x915mm. The thickness is 3mm. It is characterised by high OD values in the following ranges, among others: OD 10+ from 180nm to 350nm, OD 8+ from 460 - 528nm as well as from 970 - 1030nm. The window is CE certified according to EN 60825-4 and has additionally defined DIN 207 LB protection levels, which are confirmed by [manufacturer declaration](#) on the basis of external test reports.

<b>COATING:</b>	no coating
<b>COLOUR:</b>	red brown
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 3mm
<b>PROTECTION CLASS / NORM:</b>	EN 60825, EN 207 full protection according to manufacturer's declaration
<b>PROTECTION RANGE:</b>	near infrared, visible, ultraviolet
<b>VLT (APPROX.):</b>	26%
<b>VISUAL BRIGHTNESS:</b>	Sufficient
<b>COLOUR RECOGNITION:</b>	Limited

## laser safety window P1L03

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB6 + IR LB3 + M LB6Y
>315 - 350	–	DIR LB5 + M LB5Y
>350 - <410	–	DIR LB5 + M LB5Y
410 - <460	(OD6+)	DIR LB5 + M LB5Y
460 - 528	(OD7+)	DIR LB5 + M LB5Y
>528 - 530	(OD8+)	DIR LB5 + M LB5Y
>530 - 532	(OD7+)	DIR LB5 + M LB5Y
>532 - 535	(OD6+)	DIR LB5 + M LB5Y
>535 - 540	(OD5+)	DIRM LB4
770 - <800	(OD2+)	DIRM LB2
800 - <830	(OD3+)	DIRM LB3
830 - <870	–	DIRM LB4
870 - <910	(OD5+)	DI LB5 + RM LB5Y
910 - <940	(OD6+)	DI LB5 + RM LB5Y
940 - <970	(OD7+)	DI LB5 + RM LB5Y
970 - 1030	(OD8+)	DI LB5 + RM LB5Y
>1030 - 1044	(OD7+)	DI LB5 + RM LB5Y
>1044 - 1050	(OD6+)	DI LB5 + RM LB5Y
>1050 - 1068	(OD5+)	DI LB5 + RM LB5Y
>1068 - 1078	(OD4+)	DIRM LB4
>1078 - 1090	(OD3+)	DIRM LB3

## DIN EN 60825-4

880-1064nm | 91,7 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

## laser safety window P1L03

### OD

WAVELENGTH (NM)	OD
180 - 315	(OD10+)
>315 - 350	(OD10+)
>350 - <410	(OD6+)
410 - <460	(OD7+)
460 - 528	(OD8+)
>528 - 530	(OD7+)
>530 - 532	(OD6+)
>532 - 535	(OD5+)
>535 - 540	(OD4+)
770 - <800	(OD2+)
800 - <830	(OD3+)
830 - <870	(OD4+)
870 - <910	(OD5+)
910 - <940	(OD6+)
940 - <970	(OD7+)
970 - 1030	(OD8+)
>1030 - 1044	(OD7+)
>1044 - 1050	(OD6+)
>1050 - 1068	(OD5+)
>1068 - 1078	(OD4+)
>1078 - 1090	(OD3+)
5400 - <10600	(OD5+)
10600 - 11000	(OD6+)