

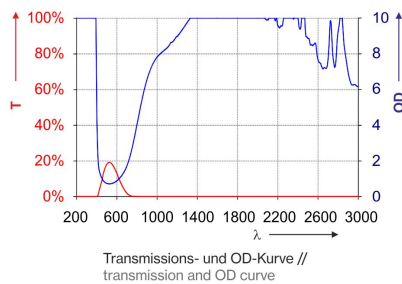
# laservision

## laser safety window P1P10 (3mm)



Article number: 000P1P102001  
GTIN: 4050369030664  
Unit: piece  
Weight incl. packaging: 0,07 kg  
Weight excl. packaging: 0,07 kg

### Filter curve



### Highlights

The laservision plastic laser safety window 000.P1P10.2001 (3mm, OD 8+) features very high protection ratings within the wavelength area 1,030-1,400nm (D LB6 – IRM LB8) and an additional alignment protection at 635-690nm (RB1). The laser safety window offers a very good color view and a 16% VLT. It is an alternative to conventional green laser safety glass windows. This blue laser safety window is customized available up to a size of 3,000 x 2,000mm. This window is CE marked with 5 and 10 sec. of test time.

<b>COLOUR:</b>	blue
<b>PROTECTION CLASS / NORM:</b>	EN 207 full protection EN 208 Alignment protection EN 60825
<b>FILTER MATERIAL:</b>	Plastic
<b>PROTECTION RANGE:</b>	Infrared near infrared ultraviolet visible
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>COLOUR RECOGNITION:</b>	Good
<b>VISUAL BRIGHTNESS:</b>	Sufficient
<b>FILTER THICKNESS:</b>	ca. 3mm
<b>COATING:</b>	Anti-scratch on both sides
<b>VLT (APPROX.):</b>	16%

### DIN EN 60825-4

840-3000nm | 40,7 kW/m<sup>2</sup> | T3 | t<sub>max</sub> = 63s

840-3000nm | 18,1 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

5200-14700nm | 50,9 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6
>315 - 385	(OD8+)	D LB6 + IRM LB8
>385 - 400	(OD4+)	DIRM LB4
635 - 690	(OD1-2)	0,01W 2x10E-6J RB1
635 - <720	(OD1+)	DIRM LB1
720 - <770	(OD2+)	DIRM LB2
770 - <800	(OD3+)	DIRM LB3
800 - <840	(OD4+)	DIRM LB4
840 - <880	(OD5+)	DIRM LB5
880 - <960	(OD6+)	DIRM LB6
960 - <1030	(OD7+)	D LB6 + IRM LB7
1030 - 1400	(OD8+)	D LB6 + IRM LB8
>1400 - 3600	(OD4+)	D LB3 + I LB4 + R LB3Y + M LB1
>3600 - 4800	(OD3+)	DI LB3 + R LB3Y + M LB1
>4800 - 11500	(OD4+)	DI LB4 + R LB3Y