

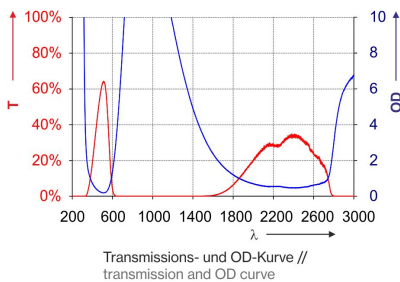
# laservision

## laser safety window T1K01



Articlenumber: 000T1K011002  
GTIN: 4050369011151  
Weight incl. packaging 1,65 kg  
Weight excl. packaging: 1,13 kg

### Filtercurve



### Highlights

The laservision mineral glass laser safety window T1K01 with lamination provides a broad band protective effect within the spectral area of 750-1200nm (D LB7, IR LB8 and M LB8Y). The green-blue filter material features a 45% VLT and is customized available up to a size of 297x210mm. The thickness is approximately 5,4 - 6,4 mm. This window is certified acc. EN207 and CE marked with 5 and 10 sec. of test time.

<b>COATING:</b>	no coating
<b>COLOUR:</b>	green-blue
<b>FILTER MATERIAL:</b>	Mineral glass
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 5,4 - 6,4 mm
<b>PROPERTIES:</b>	Neutral glass lamination
<b>PROTECTION CLASS / NORM:</b>	EN 207 full protection, EN 60825
<b>PROTECTION RANGE:</b>	near infrared, Infrared
<b>VLT (APPROX.):</b>	45%
<b>VISUAL BRIGHTNESS:</b>	Good
<b>COLOUR RECOGNITION:</b>	Sufficient

## laser safety window T1K01

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
620 - <640	(OD1+)	DIRM LB1
640 - <647	(OD2+)	DIRM LB2
647 - <670	(OD3+)	DIRM LB3
670 - <685	(OD4+)	DIRM LB4
685 - <690	(OD5+)	DIRM LB5
690 - <710	(OD6+)	DIRM LB6
710 - <720	(OD7+)	DIRM LB7
720 - <750	(OD8+)	D LB7 + IRM LB8
750 - <770	(OD9+)	D LB7 + IRM LB9
770 - 1130	(OD10+)	D LB7 + IR LB9 + M LB10
>1130 - 1200	(OD8+)	D LB7 + IRM LB9
>1200 - 1230	(OD8+)	D LB7 + IRM LB8
>1230 - 1260	(OD7+)	DIRM LB7
>1260 - 1320	(OD6+)	DIRM LB6
>1320 - 1370	(OD5+)	DIRM LB5
>1370 - 1400	(OD4+)	DIRM LB4
>1400 - 1410	(OD4+)	DI LB4 + R LB3Y + M LB3
>1410 - 1520	(OD3+)	DI LB3 + R LB3Y + M LB3
>1520 - 1580	(OD2+)	DIRM LB2
>1580 - 1710	(OD1+)	DIRM LB1
4200 - 25000	(OD5+)	DI LB5 + R LB3Y

## DIN EN 60825-4

750-1200nm | 167 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 217s

3950-25000nm | 221 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s