laservision

laser safety window T1K01

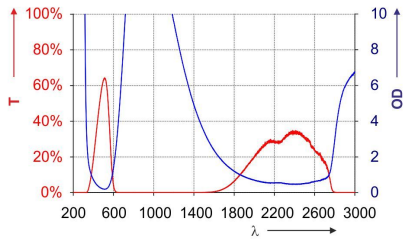
Highlights

The laservision mineral glass laser safety window 000.T1K01.1001 with lamination provides a broad band protective effect within the spectral area of 750-1,200nm (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 297x210nm. 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.

Articlenumber: 000T1K011001
GTIN: 4050369014336
Unit: 1 Stück
Weight incl. packaging 0,63 kg
Weight excl. packaging: 0,36 kg

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

Filtercurve



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

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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	(OD9+)	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+)	DIM LB3 + R LB3Y
>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^2 | T2 | t_{max} = 217s
3950-25000nm | 221 kW/m^2 | T2 | t_{max} = 105s

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