laservision

laser safety window T1K03

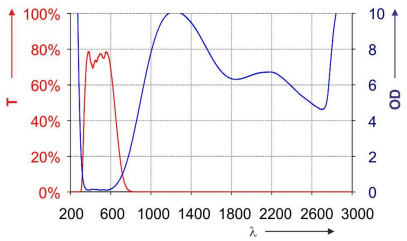
Highlights

The laservision mineral glass laser safety window 000.T1K03.1001 with lamination provides very high protection ratings like D LB7, IR LB8 within the NIR spectral area (1,050-1,400nm). The light grey filter material features a 66% VLT and is customized available up to a size of 297x210nm. The thickness is approximately 5,3 - 8,0 mm. This window is certified acc. EN207 and CE marked with 5 and 10 sec. of test time.

Articlenumber: 000T1K031001
GTIN: 4050369013025
Unit: 1 Stück
Weight incl. packaging 0,44 kg
Weight excl. packaging: 0,35 kg

COATING:	no coating
COLOUR:	light grey
FILTER MATERIAL:	Mineral glass
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 5,3 - 8,0 mm
PROPERTIES:	No neutral glass lamination
PROTECTION CLASS / NORM:	EN 207 full protection, EN 60825
PROTECTION RANGE:	near infrared, Infrared
VLT (APPROX.):	66%
VISUAL BRIGHTNESS:	Very good
COLOUR RECOGNITION:	Excellent

Filtercurve



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

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
900 - 1000	(OD4+)	DIRM LB4
>1000 - 1050	(OD7+)	DIRM LB7
>1050 - 1400	(OD8+)	D LB7 + IR LB8 + M LB8Y
>1400 - 2100	(OD5+)	DI LB5 + R LB3Y + M LB3
>2100 - 25000	(OD4+)	DIM LB4 + R LB3Y

DIN EN 60825-4

1000-2100nm | 265 kW/m^2 | T2 | t_{max} = 105s

3000-25000nm | 284 kW/m^2 | T2 | t_{max} = 105s

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