

Lens Test Report

measured by sigm tm-3
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Sample : LB22

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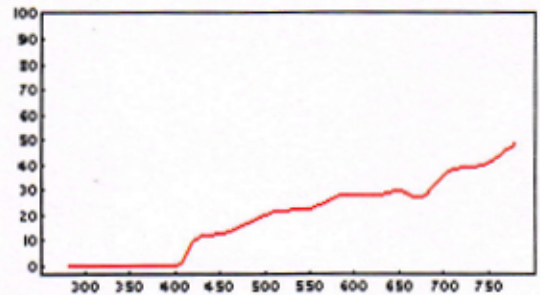
Email : email

Address : 深圳市龙岗区南联圳埔岭小巷1号

Standard: En 1836:2005+A1 2007 (280nm-780nm)

Item	Value	Requirement	Result
Luminous Transmittance(Tv)	24.24%		
Filter Category	2		
Tmax UVB (280nm-315nm)	0.00%	<2.42% (0.1Tv)	PASS
Tmax UVA (315nm-350nm)	0.00%	<24.24% (Tv)	PASS
Max Tsuva (315nm-380nm)	0.00%	<24.24% (Tv)	PASS
Tmin (500nm-650nm)	20.46%	>=4.85% (0.2Tv)	PASS
Tsuva (315nm-380nm)	0.00%	<(10+0.5)%	PASS
Tsuvb (280nm-315nm)	0.00%	<(10+0.5)%	PASS
Tsuv (280nm-380nm)	0.00%		
Tsb (380nm-500nm)	12.90%	<(95+0.5)%	PASS
Red [Q] Factor	1.17	>=0.8	PASS
Green [Q] Factor	0.94	>=0.6	PASS
Yellow [Q] Factor	1.11	>=0.8	PASS
Blue [Q] Factor	0.90	>=0.4	PASS

Transmittance Spectrum

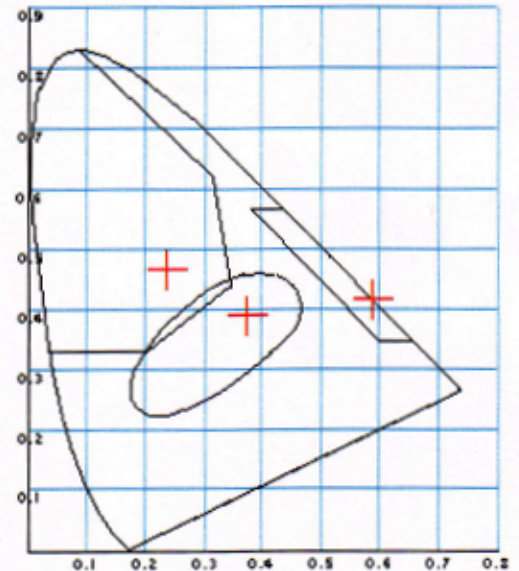


Standard: ANSI Z80.3-2008 (290nm-780nm)

Normal Use

Item	Value	Requirement	Result
Luminous Transmittance(Tv)	24.28%		
Filter Category	1 (General Purpose lens or shield, medium to dark)		
RED	28.42%	>=8%	PASS
YELLOW	26.83%	>=6%	PASS
GREEN	22.70%	>=6%	PASS
UVB (290nm-315nm)	0.00%	<=3.04% (0.125Tv)	PASS
UVA (315nm-380nm)	0.00%	<=24.28% (Tv)	PASS
Tmin (500nm-650nm)	20.46%	>=4.86% (0.2Tv)	PASS
YELLOW	X:0.585 Y:0.414		PASS
GREEN	X:0.234 Y:0.467		PASS
DAY LIGHT	X:0.371 Y:0.389		PASS

Color Limit Regions of Acceptance



Standard: AS/NZS 1067,2003 (280nm-780nm)

Item	Value	Requirement	Result
Luminous Transmittance(Tv)	24.24%		
Filter Category	2		
Tmax UVB (280nm-315nm)	0.00%	<1.21% (0.05Tv)	PASS
Tmax UVA (315nm-350nm)	0.00%	<24.24% (Tv)	PASS
Tmin (450nm-650nm)	12.61%	>=4.85% (0.2Tv)	PASS
Tsuva (315nm-400nm)	0.00%	<24.24% (Tv)	PASS
Tsuvb (280nm-315nm)	0.00%		
Tsuv (280nm-400nm)	0.00%		
Tsb (400nm-500nm)	12.94%		
Red [Q] Factor	1.17	>=0.8	PASS
Green [Q] Factor	0.94	>=0.6	PASS
Yellow [Q] Factor	1.11	>=0.8	PASS
Blue [Q] Factor	0.90	>=0.7	PASS

Spectrum Data:

WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%
780	49.90	770	46.23	760	43.71	750	41.18	740	39.81
730	39.67	720	39.09	710	38.25	700	36.40	690	32.85
680	28.39	670	27.05	660	28.44	650	29.47	640	29.25
630	28.55	620	28.03	610	28.01	600	28.09	590	28.28
580	27.72	570	25.71	560	23.81	550	23.00	540	22.72
530	22.46	520	21.80	510	21.42	500	20.46	490	18.88
480	16.82	470	15.01	460	13.67	450	12.81	440	12.55
430	12.14	420	9.50	410	3.27	400	0.00	390	0.00
380	0.00	370	0.00	360	0.00	350	0.00	340	0.00
330	0.00	320	0.00	310	0.00	300	0.00	290	0.00