



Sample Description: Sample

European Standard [ EN/ISO 12312-1-2015 ]

Item	Value	Requirement	Results
<b>Transmittance(Tv)</b>	86.43%		
Filter Category	0		
Tsvb (280nm~315nm)	0.06%	<4.32%(0.05Tv)	PASS
Tsuva (315nm~380nm)	0.08%	<86.43%Tv	PASS
Tmin (475nm~650nm)	71.96%	>=17.29%(0.2Tv)	PASS
<b>Claimed Value</b>			
Tsvb (280nm~315nm)	0.06%	<=(2.00+0.5)%	PASS
Tsuva (315nm~380nm)	0.08%	<=(2.00+0.5)%	PASS
Tsuv (280nm~380nm)	0.07%	<=(2.00+0.5)%	PASS
Tsb (380nm~500nm)	56.61%		
<b>Recognition of signal lights</b>			
Red[ Q ] (INCT)	1.09	≥0.8	PASS
Yellow[ Q ] (INCT)	1.05	≥0.6	PASS
Green[ Q ] (INCT)	0.98	≥0.6	PASS
Blue[ Q ] (INCT)	0.91	≥0.6	PASS

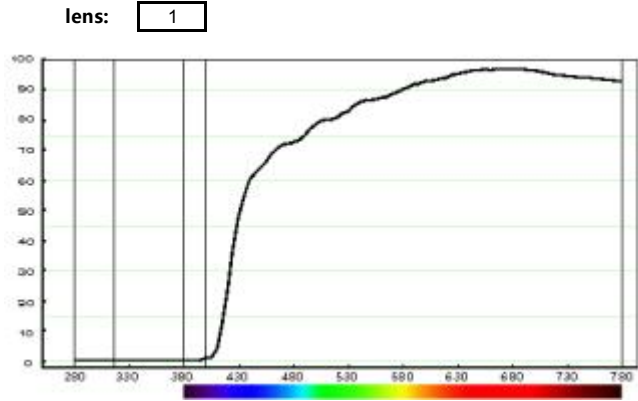
AS/NZS Standard [ AS/NZS 1067-2016 ]

Item	Value	Requirement	Results
<b>Transmittance(Tv)</b>	86.43%		
Filter Category	0		
Tsvb (280nm~315nm)	0.06%	<4.32%(0.05Tv)	PASS
Tsuva (315nm~400nm)	0.08%	<86.43%Tv	PASS
Tmin (475nm~650nm)	71.96%	>=17.29%(0.2Tv)	PASS
<b>Claimed Value</b>			
Tsvb (280nm~315nm)	0.06%	<=(2.00+0.5)%	PASS
Tsuva (315nm~400nm)	0.08%	<=(2.00+0.5)%	PASS
Tsuv (280nm~400nm)	0.08%	<=(2.00+0.5)%	PASS
Tsb (380nm~500nm)	56.61%	<=(90.00+0.5)%	PASS
<b>Recognition of signal lights</b>			
Red[ Q ] (INCT)	1.09	≥0.8	PASS
Yellow[ Q ] (INCT)	1.05	≥0.6	PASS
Green[ Q ] (INCT)	0.98	≥0.6	PASS
Blue[ Q ] (INCT)	0.91	≥0.7	PASS

American National Standard [ ANSI Z80.3-2015 ]

High and prolonged exposure NO

Item	Value	Requirement	Results
<b>Transmittance(Tc)</b>	86.48%		
Filter Category	(Cosmetic lens or shield, light)		
<b>Tsig Vaules</b>			
Red	95.65%	≥8%	PASS
Yellow	90.98%	≥6%	PASS
Green	83.81%	≥6%	PASS
<b>Mean Transmittance</b>			
Tsb	56.61%		
UVB (280nm~315nm)	0.06%	<=10.81%(0.125Tv)	PASS
UVA (315nm~380nm)	0.08%	<=86.48%(Tv)	PASS
Tmin (475nm~650nm)	71.96%	>=17.30%(0.2Tv)	PASS
<b>Color CIE</b>			
Day light ( D65 )	X:0.345 Y:0.368		PASS
YELLOW	X:0.581 Y:0.418		PASS
GREEN	X:0.221 Y:0.438		PASS



CIE 1976 L\*,a\*,b\* colc L\*= 94.49 a\*= -2.12 b\*= 19.97

Ap%= 100.00% P%= 100.00% Photochromic= 0.00 UV400= 0.00

Spectrum Data:

780	93.06	775	92.88	770	93.28	765	93.46	760	93.75	755	93.88	750	94.06	745	94.04
740	94.26	735	94.42	730	94.51	725	94.70	720	95.01	715	95.33	710	95.59	705	96.02
700	96.33	695	96.43	690	96.89	685	96.81	680	96.79	675	96.98	670	96.91	665	96.86
660	96.67	655	96.80	650	96.67	645	96.34	640	96.22	635	95.78	630	95.36	625	94.89
620	94.22	615	93.71	610	93.23	605	92.81	600	92.72	595	92.15	590	91.70	585	90.98
580	90.26	575	89.49	570	88.54	565	87.76	560	87.18	555	86.86	550	86.69	545	86.39
540	85.66	535	84.66	530	83.01	525	81.91	520	81.05	515	80.23	510	79.92	505	79.55
500	78.59	495	77.07	490	75.09	485	73.43	480	72.49	475	71.96	470	71.66	465	70.45
460	68.39	455	66.15	450	64.10	445	62.40	440	59.90	435	55.49	430	47.96	425	37.05
420	24.22	415	11.57	410	3.57	405	1.05	400	0.74	395	0.04	390	0.06	385	0.07
380	0.09	375	0.12	370	0.13	365	0.10	360	0.08	355	0.05	350	0.06	345	0.10
340	0.07	335	0.07	330	0.07	325	0.06	320	0.06	315	0.07	310	0.06	305	0.07
300	0.07	295	0.06	290	0.07	285	0.06	280	0.05						

CIE 1931 XYZ

