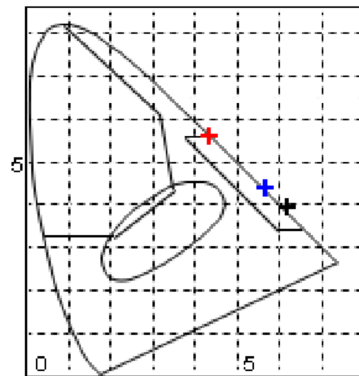
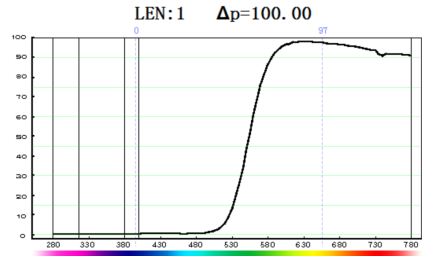


Lens Test Report



Standard: BS EN ISO 12312-1:2013+A1:2015

Item	Value	Requirement	Result
Luminous Transmittance(Tv)	50.83%		
Filter Category	1		
Tsuvb (280nm-315nm)	0.00%	<2.54%(0.05Tv)	PASS
Tsuva (315nm-380nm)	0.00%	<50.83%Tv	PASS
Tmin (475nm-650nm)	0.39%	>=10.17%(0.2Tv)	REF.
***** Claimed Value *****			
Tsuvb (280nm-315nm)	0.00%	<=(10.00+0.5)%	PASS
Tsuva (315nm-380nm)	0.00%	<=(10.00+0.5)%	PASS
Tsuv (280nm-380nm)	0.00%	<=(10.00+0.5)%	PASS
Tsb (380nm-500nm)	0.43%	<=(95.00+0.5)%	PASS
***** Recognition of signal lights *****			
Red [Q] (LED / INCT)	1.92 / 1.90		
Yellow [Q] (LED / INCT)	1.76 / 1.48		
Green [Q] (LED / INCT)	0.14 / 0.71		
Blue [Q] (LED / INCT)	0.06 / 0.26		



Standard: ANSI Z80.3-2015

Item	Value	Requirement	Result
High and prolonged exposure	no		
Luminous Transmittance(Tc)	51.71%		
Filter Category	(Cosmetic lens or shield, light)		
***** Tsig Vaules *****			
RED	97.68%	>=8%	PASS
YELLOW	81.06%	>=6%	PASS
GREEN	30.94%	>=6%	PASS
***** Mean transmittance *****			
Tsb (380nm-500nm)	0.43%		
UVB (280nm-315nm)	0.00%	<=6.46%(0.125Tv)	PASS
UVA (315nm-380nm)	0.00%	<=51.71%(Tv)	PASS
Tmin (475nm-650nm)	0.39%	>=10.34%(0.2Tv)	REF.
***** Color *****			
DAY LIGHT	X:0.552 Y:0.441		REF.
YELLOW	X:0.602 Y:0.397		PASS
GREEN	X:0.424 Y:0.562		REF.

WL	T	WL	T	WL	T	WL	T
280	0.00	410	0.67	540	25.51	670	97.01
285	0.00	415	0.67	545	33.80	675	96.82
290	0.00	420	0.63	550	42.84	680	96.59
295	0.00	425	0.56	555	52.16	685	96.35
300	0.00	430	0.49	560	61.05	690	96.09
305	0.00	435	0.42	565	69.21	695	95.70
310	0.00	440	0.37	570	76.01	700	95.55
315	0.00	445	0.34	575	81.68	705	95.23
320	0.00	450	0.31	580	86.13	710	94.79
325	0.00	455	0.32	585	89.66	715	94.48
330	0.00	460	0.29	590	92.23	720	94.14
335	0.00	465	0.28	595	94.17	725	93.84
340	0.00	470	0.32	600	95.63	730	93.53
345	0.00	475	0.39	605	96.61	735	91.78
350	0.00	480	0.45	610	97.10	740	90.84
355	0.00	485	0.54	615	97.60	745	91.69
360	0.00	490	0.65	620	97.79	750	91.77
365	0.00	495	0.86	625	97.94	755	91.68
370	0.00	500	1.16	630	97.98	760	91.78
375	0.00	505	1.70	635	98.00	765	91.76
380	0.00	510	2.51	640	97.92	770	91.43
385	0.00	515	3.78	645	97.79	775	91.21
390	0.00	520	5.74	650	97.68	780	90.83
395	0.00	525	8.64	655	97.53		
400	0.00	530	12.64	660	97.40		
405	0.65	535	18.45	665	97.01		

Standard: AS/NZS 1067.1:2016

Item	Value	Requirement	Result
Luminous Transmittance(Tv)	50.83%		
Filter Category	1		
Tsuvb (280nm-315nm)	0.00%	<2.54%(0.05Tv)	PASS
Tsuva (315nm-400nm)	0.00%	<50.83%Tv	PASS
Tmin (475nm-650nm)	0.39%	>=10.17%(0.2Tv)	REF.
***** Claimed Value *****			
Tsuvb (280nm-315nm)	0.00%	<=(10.00+0.5)%	PASS
Tsuva (315nm-400nm)	0.00%	<=(10.00+0.5)%	PASS
Tsuv (280nm-400nm)	0.00%	<=(10.00+0.5)%	PASS
Tsb (380nm-500nm)	0.43%	<=(95.00+0.5)%	PASS
***** Recognition of signal lights *****			
Red [Q] (LED / INCT)	1.92 / 1.90		
Yellow [Q] (LED / INCT)	1.76 / 1.48		
Green [Q] (LED / INCT)	0.14 / 0.71		
Blue [Q] (LED / INCT)	0.06 / 0.26		

UV400 0.00%

*** CIE 1976 L*,a*,b* color space coordinates,illuminan D65 ***

L* = 76.56 a* = 38.28 b* = 121.57