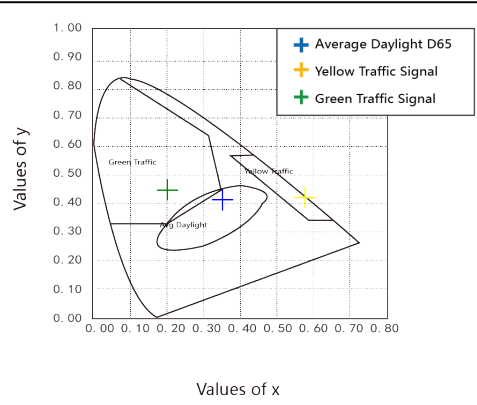
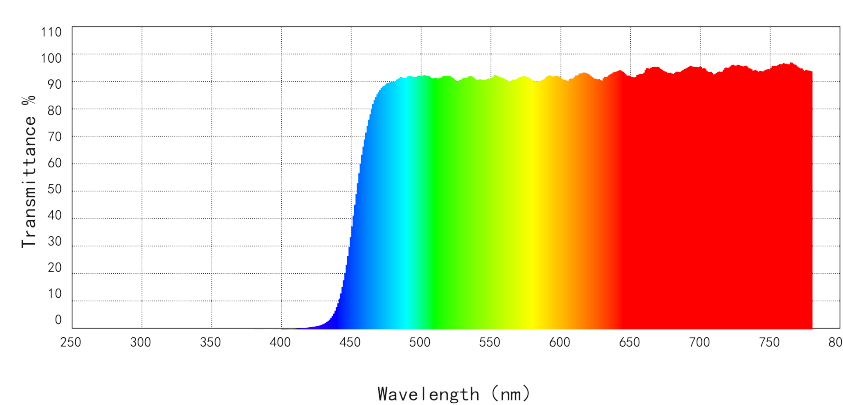




Tel: Fax:

Lens Certification Report

Customer :
Lens Name : Y1125
Lens Type :

Standard:EN ISO 12312-1:2022				Standard: AS/NZS 1067.1:2016+A1-2021			
Item	Requirement	Value	Result	Item	Requirement	Value	Result
Filter Category		0		Filter Category		0	
Luminous Transmittance Tv	> 80 %	89.45 %	PASS	Luminous Transmittance	> 80 %	89.44 %	PASS
Incandescent Lights				Incandescent Lights			
Q,Red	>=0.80	1.03	PASS	Q,Red	>=0.80	1.03	PASS
Q,Yellow	>=0.60	1.03	PASS	Q,Yellow	>=0.60	1.03	PASS
Q,Green	>=0.60	1.02	PASS	Q,Green	>=0.60	1.02	PASS
Q,Blue	>=0.60	0.96	PASS	Q,Blue	>=0.70	0.96	PASS
Tmin (475-650 nm)	>=17.89 %(0.2Tv)	89.27 %	PASS	Tmin (475-650 nm)	>=17.89 %(0.2Tv)	89.27 %	PASS
Tsuva (315-380 nm)	<=89.45 %(Tv)	0.03 %	PASS	Tsuva (315-400 nm)	<=89.44 %(Tv)	0.04 %	PASS
Tsubv (280-315 nm)	<=4.47 %(0.05Tv)	0.03 %	PASS	Tsubv (280-315 nm)	<=4.47 %(0.05Tv)	0.03 %	PASS
Tsuv (280-380 nm)		0.03 %		Tsuv (280-400 nm)		0.03 %	
Tsb (380-500 nm)		40.40 %		Tsb (380-500 nm)		40.40 %	
Road Use And Driving			PASS	LED Signal Lights			
Driving In Twilight or Night	Tv>=75 %	89.45 %	SUITABLE	Q,Red	>=0.80	1.03	PASS
LED Signal Lights				Q,Yellow	>=0.60	1.02	PASS
Q,Red	>=0.80	1.03	PASS	Q,Green	>=0.60	1.03	PASS
Q,Yellow	>=0.60	1.02	PASS	Q,Blue	>=0.70	0.87	PASS
Q,Green	>=0.60	1.03	PASS				
Q,Blue	>=0.60	0.87	PASS				
Standard: ANSI Z80.3:2018				Color Limit Regions of Acceptance			
Item	Requirement	Value	Result				
Lens Primary Function		Cosmetic Lens					
Luminous Transmittance Tv	> 40 %	89.37 %	PASS				
Colour Distortion							
Yellow (X,Y)		(0.5769,0.4218)	PASS				
Green (X,Y)		(0.2040,0.4482)	PASS				
D65 (X,Y)		(0.3535,0.4133)	PASS				
Traffic Signals Transmittance							
Tsig, Red Signal	>=8.00 %	92.73 %	PASS				
Tsig, Yellow Signal	>=6.00 %	91.82 %	PASS				
Tsig, Green Signal	>=6.00 %	91.03 %	PASS				
Tmin (475-650 nm)	>=17.87 %(0.2Tv)	89.27 %	PASS				
Tmax UVB (280-315 nm)	<=11.17 %(0.125Tv)	0.03 %	PASS				
Tmax UVA (315-380 nm)	<=89.37 %(Tv)	0.03 %	PASS				
Tsb (380-500 nm)		40.40 %					
Measurement Results:							
ISO 12312-1:2022		ANSI Z80.3-2018		AS/NZS 1067.1:2016+A1-2021		Illuminant D65	
Result	PASS	Result	PASS	Result	PASS	x 0.35	L * 95.92
						y 0.41	a * -16.16
						z 0.23	b * 41.82
				% TRANSMISSION VALUES (CENTER)			
				280	0.03	290	0.02
				310	0.03	320	0.03
				340	0.03	350	0.03
				370	0.03	380	0.03
				400	0.08	410	0.22
				430	2.01	440	8.20
				460	69.29	470	86.45
				490	91.83	500	92.50
				520	92.41	530	91.47
				550	91.41	560	91.45
				580	90.97	590	92.02
				610	91.89	620	93.11
				640	93.91	650	92.43
				670	95.69	680	93.29
				700	95.74	710	92.93
				730	96.06	740	94.56
				760	97.06	770	95.84
						300	0.03
						330	0.03
						360	0.02
						390	0.08
						420	0.87
						450	33.68
						480	90.33
						510	91.64
						540	91.00
						570	91.59
						600	92.02
						630	90.70
						660	93.60
						690	95.10
						720	95.23
						750	94.82
						780	94.06