

KODA OPTICAL CO.,LTD

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Goggles Certification Report

Customer Ref Code : UV
Lens Type :
Lens Ref Code :

Sample Remark :

Standard: ANSI Z80.3:2018

Item	Value	Requirement	Result
Lens Primary Function	Cosmetic Lens		
Luminous Transmittance Tv	91.77 %	> 40%	PASS
Color Limit, Yellow(x,y)	(0.5764 , 0.4224)		PASS
Color Limit, Green(x,y)	(0.2090 , 0.4066)		PASS
Color Limit, D65(x,y)	(0.3177 , 0.3384)		PASS
Tsig, Red Signal	92.793 %	>=8.00%	PASS
Tsig, Yellow Signal	92.358 %	>=6.00%	PASS
Tsig, Green Signal	91.773 %	>=6.00%	PASS
Tmin (475- 650nm)	89.32 %	>=18.35%(0.2Tv)	PASS
Tmax UVB (280- 315nm)	0.08 %	<=11.47%(0.125Tv)	PASS
Tmax UVA (315- 380nm)	0.00 %	<=91.77%(Tv)	PASS
Tsb (380- 500nm)	81.34 %		

Standard: EN ISO 12312-1:2013(A1:2015)

Item	Value	Requirement	Result
Filter Category	0		
Luminous Transmittance Tv	91.77 %	> 80%	PASS
Incandescent Lights			
Q, Red	1.01	>=0.80	PASS
Q, Yellow	1.00	>=0.60	PASS
Q, Green	1.00	>=0.60	PASS
Q, Blue	0.99	>=0.60	PASS
Tmin (475- 650nm)	89.32 %	>=18.35%(0.2Tv)	PASS
Tsuva (315- 380nm)	0.07 %	<=91.77%(Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=4.59%(0.05Tv)	PASS
Tsuv (280- 380nm)	0.04 %		
Tsb (380- 500nm)	81.34 %		
Road Use And Driving			PASS
Driving In Twilight or Night	91.77	Tv >= 75%	PASS

Standard:AS/NZS 1067.1:2016

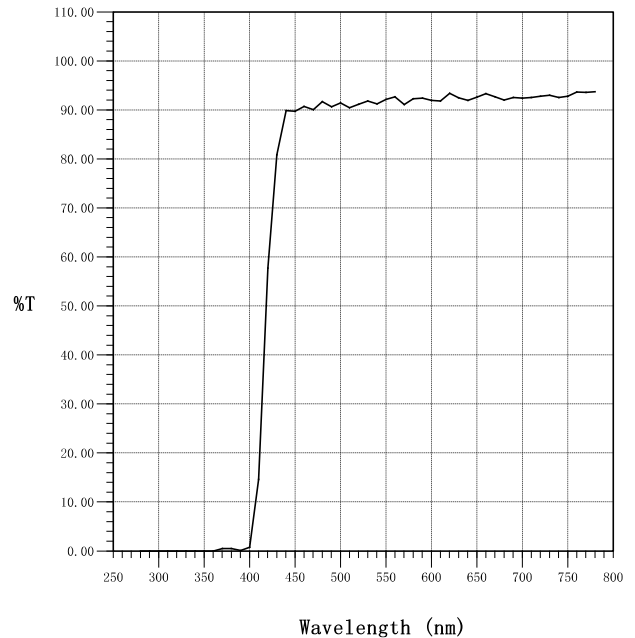
Item	Value	Requirement	Result
Lens Category	0		
Luminous Transmittance Tv	91.77 %	> 80%	PASS
Incandescent Lights			
Q, Red	1.01	>=0.80	PASS
Q, Yellow	1.00	>=0.60	PASS
Q, Green	1.00	>=0.60	PASS
Q, Blue	0.99	>=0.70	PASS
Tmin (475-650nm)	89.32 %	>=18.35%(0.2Tv)	PASS
Tsuva (315- 400nm)	0.09 %	<=91.77%(Tv)	PASS
Tsuvb (280- 315nm)	0.00 %	<=4.59%(0.05Tv)	PASS
Tsuv (280- 380nm)	0.04 %		
Tsb (380- 500nm)	81.34 %		
Driving In Twilight or Night	91.77	Tv >= 75%	PASS

CIE 1976 L*,a*,b* color space coordinates,illuminan D65
L*=96.642 a*=-2.191 b*=5.334

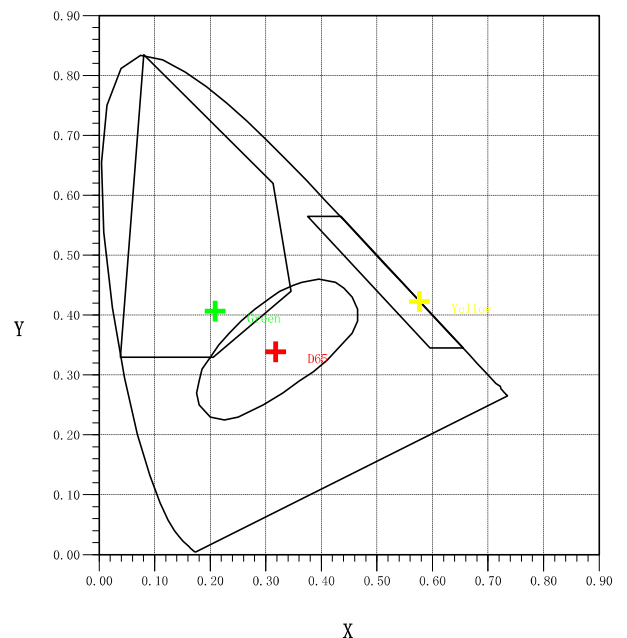
Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T
280	0.00	290	0.00	300	0.00	310	0.00	320	0.00	330	0.00	340	0.00	350	0.00	360	0.00	370	0.49	380	0.51	390	0.10	400	0.76
410	14.61	420	57.74	430	80.87	440	89.87	450	89.78	460	90.76	470	90.10	480	91.70	490	90.66	500	91.45	510	90.44	520	91.19	530	91.82
540	91.25	550	92.13	560	92.67	570	91.10	580	92.32	590	92.43	600	91.95	610	91.86	620	93.39	630	92.50	640	91.96	650	92.60	660	93.33
670	92.67	680	92.03	690	92.56	700	92.43	710	92.59	720	92.82	730	93.00	740	92.55	750	92.84	760	93.69	770	93.57	780	93.73		

Transmittance Spectrum



Color Limit Regions of Acceptance



(1). ANSI Z80.3:2018
(2). EN ISO 12312-1:2013(A1:2015)
(3). AS/NZS 1067.1:2016

PASS
PASS
PASS

Lens Primary Function
Filter Category
Lens Category

Cosmetic Lens
0
0