Gradient International Standards Conformity Report

Lens Code:	CR 2713
Production Line:	
Operator:	SuperUser SuperUser
Base:	
Note:	
Info:	

Date:	29/06/2023
Time:	16:09
Equipment:	S_C_P_S 1.8
S/N:	07E0.0006

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Additional required information
This is not suitable for:
- direct viewing of the sun
- for use in twilight or at night
- protection agaist sources of radiation other

American National Standard ANSI Z80.3-2018

	Center	Up	Down
Luminous Transmittance (Tv) %	35,91	21,78	65,84

Primary Function: General Purpose lens or shield, medium to dark

Warnings: Not suitable for driving under low light conditions

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Red	35,89	22,53	65,60	Min>	8,00	PASS
Yellow	33,42	19,42	64,53	Min>	6,00	PASS
Green	38,01	23,78	67,02	Min>	6,00	PASS

Spectral transm (475-650) (Tv)

0,76	0,65	0,92	Min>	0,20	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

0,10	0,07	0,00	Max<	4,49	PASS

Mean NUV (315-380) %

0,10	0,09	0,00	Max<	35,91	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
29,99	17,60	57,80

COLOR LIMITS

	X	Y	
Green	0,199	0,426	PASS
Yellow	0,575	0,424	PASS
D65	0,306	0,355	PASS

See color Limit of acceptance on a CIE (1931) chromatic diagram

International Standard ISO 12312-1:2013/Amd.1:2015

	Center	Up	Down
Luminous Transmittance (Tv) %	35,98	21,85	65,89

Filter Category: 2

Descriptive Label: General purpose sunglasses

Warnings: Not suitable for driving in twilight or at night

VISIBLE SPECTRAL RANGE

Dection of signal light: **INCANDESCENT LIGHT**

QRed	0,93	0,91	0,98	Min>	0,80	PASS
QYellow	0,95	0,92	0,98	Min>	0,60	PASS
QGreen	1,04	1,07	1,01	Min>	0,60	PASS
QBlue	1,11	1,19	1,03	Min>	0,60	PASS

Spectral transm (475-650) %

27,28	14,05	60,26	Min>	7,20	PASS

UV SPECTRAL RANGE

Tsuva (315-380) %

0,10	0,09	0,00	Max<	17,99	PASS

Tsuvb (280-315) %

0,11	0,07	0,00	Max<	1,80	PASS

Tsuv (280-380) %

0,10	0,08	0,00

Tsb (380-500) %

Center	Up	Down
29,99	17,60	57,80

Australian/New Zealand Standard AS/NZS 1067.1:2016

	Center	Up	Down
Luminous Transmittance (Tv) %	35,98	21,85	65,89

Filter Category: 2

Descriptive Label: General purpose sunglasses

Warnings: Not suitable for driving at night or under dull light conditions

VISIBLE SPECTRAL RANGE

Dection of signal light: **INCANDESCENT LIGHT**

QRed	0,93	0,91	0,98	Min>	0,80	PASS
QYellow	0,95	0,92	0,98	Min>	0,60	PASS
QGreen	1,04	1,07	1,01	Min>	0,60	PASS
QBlue	1,11	1,19	1,03	Min>	0,70	PASS

Spectral transm (475-650) %

27,28	14,05	60,26	Min>	7,20	PASS

UV SPECTRAL RANGE

Tsuva (315-400) %

0,13	0,10	0,06	Max<	17,99	PASS

Tsuvb (280-315) %

0,11	0,07	0,00	Max<	1,80	PASS

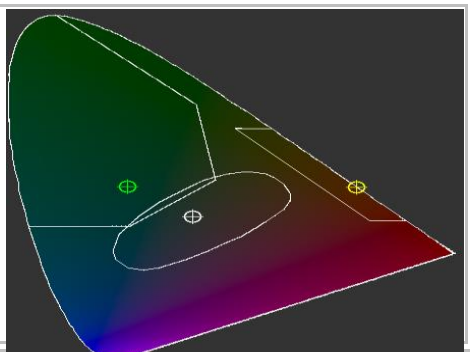
Tsuv (280-400) %

0,12	0,09	0,04

Tsb (380-500) %

Center	Up	Down
29,99	17,60	57,80

Color Limit Region of Acceptance



Spectral Transmittance