Gradient International Standards Conformity Report

Lens Code:	CR FU SF 15
Production Line:	
Operator:	SuperUser SuperUser
Base:	
Note:	
Info:	

Date:	22/04/2022
Time:	12:17
Equipment:	S_C_P_S 1.8
S/N:	07E0.0006

SOCIETA' EUROPEA LENTI

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) %	56,35	43,52	71,53

Primary Function: Cosmetic lens or shield, light

Warnings: Not suitable for driving under low light conditions

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Red	60,03	48,25	73,59	Min>	8,00	PASS
Yellow	56,68	44,02	71,66	Min>	6,00	PASS
Green	56,20	43,27	71,51	Min>	6,00	PASS

Spectral transm (475-650) (Tv)

0,95	0,93	0,97	Min>	0,20	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

0,00	0,00	0,00	Max<	7,04	PASS

Mean NUV (315-380) %

0,00	0,00	0,00	Max<	56,35	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
51,26	39,36	64,89

COLOR LIMITS

	X	Y	
Green	0,209	0,403	PASS
Yellow	0,579	0,420	PASS
D65	0,317	0,336	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) %	56,32	43,48	71,51

Filter Category: 1

Descriptive Label: Light tint sunglasses

Warnings: Not suitable for driving in twilight or at night

VISIBLE SPECTRAL RANGE

Dection of signal light: **INCANDESCENT LIGHT**

QRed	1,03	1,05	1,01	Min>	0,80	PASS
QYellow	1,01	1,01	1,00	Min>	0,60	PASS
QGreen	1,00	1,00	1,00	Min>	0,60	PASS
QBlue	1,02	1,02	1,01	Min>	0,60	PASS

Spectral transm (475-650) %

53,39	40,35	69,29	Min>	11,26	PASS

UV SPECTRAL RANGE

Tsuva (315-380) %

0,00	0,00	0,00	Max<	56,32	PASS

Tsuvb (280-315) %

0,00	0,00	0,00	Max<	2,82	PASS

Tsuv (280-380) %

0,00	0,00	0,00

Tsb (380-500) %

Center	Up	Down
51,26	39,36	64,89

Australian/New Zealand Standard AS/NZS 1067.1:2016

	Center	Up	Down
Luminous Transmittance (Tv) %	56,32	43,48	71,51

Filter Category: 1

Descriptive Label: Fashion spectacles

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

VISIBLE SPECTRAL RANGE

Dection of signal light: **INCANDESCENT LIGHT**

QRed	1,03	1,05	1,01	Min>	0,80	PASS
QYellow	1,01	1,01	1,00	Min>	0,60	PASS
QGreen	1,00	1,00	1,00	Min>	0,60	PASS
QBlue	1,02	1,02	1,01	Min>	0,70	PASS

Spectral transm (475-650) %

53,39	40,35	69,29	Min>	11,26	PASS

UV SPECTRAL RANGE

Tsuva (315-400) %

0,00	0,00	0,00	Max<	56,32	PASS

Tsuvb (280-315) %

0,00	0,00	0,00	Max<	2,82	PASS

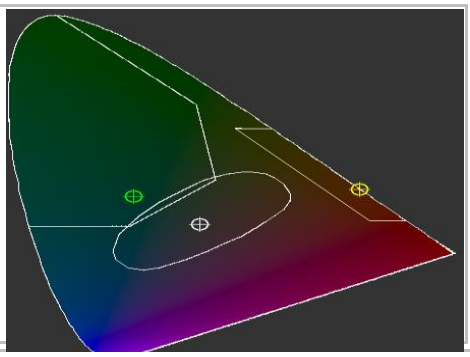
Tsuv (280-400) %

0,00	0,00	0,00

Tsb (380-500) %

Center	Up	Down
51,26	39,36	64,89

Color Limit Region of Acceptance



Spectral Transmittance