

## Gradient International Standards Conformity Report

Lens Code:

Production Line:

Operator:

Base:

Note:

Info:

Date:

Time:

Equipment:

S/N:



SOCIETA' EUROPEA LENTI

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

### American National Standard ANSI Z80.3-2018

	Center	Up	Down
Luminous Transmittance (Tv) %	29,62	18,03	51,89
Primary Function	General Purpose lens or shield, medium to dark		
Warnings	Not suitable for driving under low light conditions		

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

	Center	Up	Down
Luminous Transmittance (Tv) %	29,57	17,99	51,86
Filter Category	2		
Descriptive Label	General purpose sunglasses		
Warnings	Not suitable for driving in twilight or at night		

### Australian/New Zealand Standard AS/NZS 1067.1:2016

	Center	Up	Down
Luminous Transmittance (Tv) %	29,57	17,99	51,86
Filter Category	2		
Descriptive Label	General purpose sunglasses		
Warnings	Not suitable for driving at night or under dull light conditions		

### VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Color	Center	Up	Down	Min	Max	Result
Red	38,38	25,64	60,69	Min	8,00	PASS
Yellow	33,92	20,72	58,50	Min	6,00	PASS
Green	27,19	16,55	48,22	Min	6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,46	0,50	0,44	Min	0,20	PASS

### VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,24	1,29	1,16	Min	0,80	PASS
QYellow	1,13	1,13	1,11	Min	0,60	PASS
QGreen	0,96	0,96	0,97	Min	0,60	PASS
QBlue	0,75	0,80	0,73	Min	0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
13,56	9,08	23,02	Min	5,91	PASS

### VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,24	1,29	1,16	Min	0,80	PASS
QYellow	1,13	1,13	1,11	Min	0,60	PASS
QGreen	0,96	0,96	0,97	Min	0,60	PASS
QBlue	0,75	0,80	0,73	Min	0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
13,56	9,08	23,02	Min	5,91	PASS

### UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Limit	Result
0,08	0,05	0,00	Max	3,70	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Limit	Result
0,12	0,07	0,00	Max	29,62	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
10,17	6,75	16,95

### UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Limit	Result
0,11	0,07	0,00	Max	14,79	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Limit	Result
0,09	0,05	0,00	Max	1,48	PASS

Tsuv (280-380) %

Center	Up	Down
0,10	0,06	0,00

Tsb (380-500) %

Center	Up	Down
10,17	6,75	16,95

### UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Limit	Result
0,10	0,06	0,00	Max	14,79	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Limit	Result
0,09	0,05	0,00	Max	1,48	PASS

Tsuv (280-400) %

Center	Up	Down
0,10	0,06	0,00

Tsb (380-500) %

Center	Up	Down
10,17	6,75	16,95

### COLOR LIMITS

	X	Y	Result
Green	0,256	0,513	PASS
Yellow	0,585	0,413	PASS
D65	0,402	0,424	PASS

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

### COLOR LIMITS

	X	Y	Result
Green	0,256	0,513	PASS
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