

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) %		
20,39	12,05	39,20
Primary Function	Special Purpose lens or shield, strongly colored	
Warnings	Not suitable for driving under low light conditions	

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

Center	Up	Down
Luminous Transmittance (Tv) %		
20,36	12,05	38,94
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) %		
20,36	12,05	38,94
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 %

Red	21,67	11,84	57,39	Min>	0,00	PASS
Yellow	18,94	9,47	47,93	Min>	0,00	PASS
Green	21,27	13,64	33,02	Min>	0,00	PASS

Spectral transm (475-650) (Tv)

	0,71	0,47	0,62	Min>	0,20	PASS
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VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

QRed	0,96	0,81	1,41	Min>	0,80	PASS
QYellow	0,94	0,82	1,19	Min>	0,60	PASS
QGreen	1,03	1,07	0,88	Min>	0,60	PASS
QBlue	1,24	1,57	0,77	Min>	0,60	PASS

Spectral transm (475-650) %

	14,38	5,72	24,37	Min>	4,07	PASS
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QRed	0,96	0,81	1,41	Min>	0,80	PASS
QYellow	0,94	0,82	1,19	Min>	0,60	PASS
QGreen	1,03	1,07	0,88	Min>	0,60	PASS
QBlue	1,24	1,57	0,77	Min>	0,70	PASS

Spectral transm (475-650) %

	14,38	5,72	24,37	Min>	4,07	PASS
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UV SPECTRAL RANGE

Mean EUV (280-315) %

	0,04	0,07	0,02	Max<	1,00	PASS
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Mean NUV (315-380) %

	0,06	0,11	0,01	Max<	10,19	PASS
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BlueLight Tsb (380-500) %

	31,75	27,15	30,71
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UV SPECTRAL RANGE

Tsuva (315-380) %

	0,06	0,10	0,01	Max<	10,18	PASS
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Tsubv (280-315) %

	0,05	0,07	0,01	Max<	1,02	PASS
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Tsuv (280-380) %

	0,05	0,09	0,01
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Tsb (380-500) %

	31,75	27,15	30,71
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UV SPECTRAL RANGE

Tsuva (315-400) %

	0,07	0,11	0,03	Max<	10,18	PASS
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Tsubv (280-315) %

	0,05	0,07	0,01	Max<	1,02	PASS
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Tsuv (280-400) %

	0,06	0,10	0,02
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Tsb (380-500) %

	31,75	27,15	30,71
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COLOR LIMITS

	X	Y	
Green	0,190	0,339	FAIL
Yellow	0,578	0,421	PASS
D65	0,272	0,272	PASS

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

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	X	Y	
Green	0,190	0,339	FAIL
Yellow	0,578	0,421	PASS
D65	0,272	0,272	PASS

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