

## 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) %		
29,54	19,59	54,70

Primary Function:

Warnings:

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

Center	Up	Down
Luminous Transmittance (Tv) %		
29,52	19,56	54,71

Filter Category:

Descriptive Label:

Warnings:

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

Center	Up	Down
Luminous Transmittance (Tv) %		
29,52	19,56	54,71

Filter Category:

Descriptive Label:

Warnings:

#### VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Color	Center	Up	Down	Min	Max	Result
Red	34,73	25,16	58,62	Min	8,00	PASS
Yellow	29,87	19,88	55,52	Min	6,00	PASS
Green	29,50	19,51	54,56	Min	6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,87	0,82	0,91	Min	0,20	PASS

#### VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,09	1,14	1,04	Min	0,80	PASS
QYellow	1,01	1,02	1,01	Min	0,60	PASS
QGreen	1,00	0,99	1,00	Min	0,60	PASS
QBlue	1,05	1,10	0,97	Min	0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
25,73	16,10	49,87	Min	5,90	PASS

#### VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,09	1,14	1,04	Min	0,80	PASS
QYellow	1,01	1,02	1,01	Min	0,60	PASS
QGreen	1,00	0,99	1,00	Min	0,60	PASS
QBlue	1,05	1,10	0,97	Min	0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
25,73	16,10	49,87	Min	5,90	PASS

#### UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Result	
0,02	0,02	0,00	Max	3,69	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Result	
0,02	0,03	0,00	Max	29,54	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
24,93	18,33	37,63

#### UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Result	
0,03	0,04	0,00	Max	14,76	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result	
0,03	0,03	0,00	Max	1,48	PASS

Tsuv (280-380) %

Center	Up	Down
0,03	0,03	0,00

Tsb (380-500) %

Center	Up	Down
24,92	18,33	37,63

#### UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Result	
0,02	0,03	0,00	Max	14,76	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result	
0,03	0,03	0,00	Max	1,48	PASS

Tsuv (280-400) %

Center	Up	Down
0,03	0,03	0,00

Tsb (380-500) %

Center	Up	Down
24,92	18,33	37,63

#### COLOR LIMITS

	X	Y	Result
Green	0,208	0,413	PASS
Yellow	0,584	0,415	PASS
D65	0,323	0,344	PASS

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

