

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) %		
52,10	45,47	59,55

Primary Function:

Warnings:

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

Center	Up	Down
Luminous Transmittance (Tv) %		
51,98	45,23	59,57

Filter Category:

Descriptive Label:

Warnings:

Australian/New Zealand Standard AS/NZS 1067.1:2016

Center	Up	Down
Luminous Transmittance (Tv) %		
51,98	45,23	59,57

Filter Category:

Descriptive Label:

Warnings:

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Color	Center	Up	Down	Min	Max	Result
Red	61,41	65,23	58,65	Min	8,00	PASS
Yellow	54,18	52,23	56,61	Min	6,00	PASS
Green	50,21	40,14	61,38	Min	6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,91	0,77	0,88	Min	0,20	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,14	1,38	0,96	Min	0,80	PASS
QYellow	1,03	1,13	0,96	Min	0,60	PASS
QGreen	0,96	0,89	1,01	Min	0,60	PASS
QBlue	1,05	0,96	1,12	Min	0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
47,52	35,15	52,63	Min	10,40	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,14	1,38	0,96	Min	0,80	PASS
QYellow	1,03	1,13	0,96	Min	0,60	PASS
QGreen	0,96	0,89	1,01	Min	0,60	PASS
QBlue	1,05	0,96	1,12	Min	0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
47,52	35,15	52,63	Min	10,40	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Result
0,04	0,00	0,00	Max	6,51 PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Result
0,02	0,00	0,00	Max	52,10 PASS

BlueLight Tsb (380-500) %

Center	Up	Down
59,45	50,35	69,41

UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Result
0,02	0,00	0,00	Max	51,98 PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,04	0,00	0,00	Max	2,60 PASS

Tsuv (280-380) %

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

Tsb (380-500) %

Center	Up	Down
59,44	50,34	69,41

UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Result
0,07	0,05	0,06	Max	51,98 PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,04	0,00	0,00	Max	2,60 PASS

Tsuv (280-400) %

Center	Up	Down
0,06	0,03	0,04

Tsb (380-500) %

Center	Up	Down
59,44	50,34	69,41

COLOR LIMITS

	X	Y	Result
Green	0,206	0,367	PASS
Yellow	0,587	0,411	PASS
D65	0,312	0,305	PASS

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

COLOR LIMITS

	X	Y	Result
Green	0,206	0,367	PASS
Yellow	0,587	0,411	PASS
D65	0,312	0,305	PASS

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	X	Y	Result
Green	0,206	0,367	PASS
Yellow	0,587	0,411	PASS
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