

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) %		
31,58	18,72	59,89

Primary Function:

Warnings:

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

Center	Up	Down
Luminous Transmittance (Tv) %		
31,45	18,59	59,80

Filter Category:

Descriptive Label:

Warnings:

Australian/New Zealand Standard AS/NZS 1067.1:2016

Center	Up	Down
Luminous Transmittance (Tv) %		
31,45	18,59	59,80

Filter Category:

Descriptive Label:

Warnings:

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Color	Center	Up	Down	Min	Max	Result
Red	40,24	27,72	65,59	Min	> 0,00	PASS
Yellow	32,47	19,57	60,77	Min	> 0,00	PASS
Green	30,38	17,57	58,90	Min	> 0,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,85	0,77	0,94	Min	> 0,20	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,18	1,31	1,07	Min	> 0,80	PASS
QYellow	1,03	1,04	1,01	Min	> 0,60	PASS
QGreen	0,95	0,91	0,98	Min	> 0,60	PASS
QBlue	1,17	1,30	1,05	Min	> 0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
26,75	14,38	56,37	Min	> 6,29	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,18	1,31	1,07	Min	> 0,80	PASS
QYellow	1,03	1,04	1,01	Min	> 0,60	PASS
QGreen	0,95	0,91	0,98	Min	> 0,60	PASS
QBlue	1,17	1,30	1,05	Min	> 0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
26,75	14,38	56,37	Min	> 6,29	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Result
0,01	0,00	0,00	Max < 1,00	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Result
0,01	0,02	0,00	Max < 15,79	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
48,96	38,42	66,20

UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Result
0,00	0,01	0,00	Max < 15,72	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,01	0,01	0,00	Max < 1,57	PASS

Tsuv (280-380) %

Center	Up	Down
0,01	0,01	0,00

Tsb (380-500) %

Center	Up	Down
48,96	38,42	66,20

UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Result
0,01	0,02	0,01	Max < 15,72	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,01	0,01	0,00	Max < 1,57	PASS

Tsuv (280-400) %

Center	Up	Down
0,01	0,01	0,01

Tsb (380-500) %

Center	Up	Down
48,96	38,42	66,20

COLOR LIMITS

	X	Y	Result
Green	0,195	0,320	FAIL
Yellow	0,593	0,405	PASS
D65	0,290	0,263	FAIL

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

