

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) %		
19,57	11,28	41,06

Primary Function:

Warnings:

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

Center	Up	Down
Luminous Transmittance (Tv) %		
19,48	11,21	40,98

Filter Category:

Descriptive Label:

Warnings:

Australian/New Zealand Standard AS/NZS 1067.1:2016

Center	Up	Down
Luminous Transmittance (Tv) %		
19,48	11,21	40,98

Filter Category:

Descriptive Label:

Warnings:

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Color	Center	Up	Down	Min	Max	Result
Red	29,03	19,91	49,66	8,00	8,00	PASS
Yellow	22,40	13,60	44,03	6,00	6,00	PASS
Green	17,69	9,76	39,08	6,00	6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,81	0,74	0,89	0,20	0,20	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,36	1,55	1,17	0,80	0,80	PASS
QYellow	1,13	1,18	1,06	0,60	0,60	PASS
QGreen	0,92	0,89	0,96	0,60	0,60	PASS
QBlue	0,93	0,94	0,95	0,60	0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
15,78	8,37	36,74	3,90	3,90	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,36	1,55	1,17	0,80	0,80	PASS
QYellow	1,13	1,18	1,06	0,60	0,60	PASS
QGreen	0,92	0,89	0,96	0,60	0,60	PASS
QBlue	0,93	0,94	0,95	0,70	0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
15,78	8,37	36,74	3,90	3,90	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Result
0,06	0,05	0,03	2,45	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Result
0,08	0,09	0,03	19,57	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
13,24	6,94	32,08

UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Result
0,08	0,08	0,03	9,74	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,05	0,06	0,03	1,00	PASS

Tsuv (280-380) %

Center	Up	Down
0,07	0,07	0,03

Tsb (380-500) %

Center	Up	Down
13,24	6,94	32,08

UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Result
0,08	0,08	0,05	9,74	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,05	0,06	0,03	0,97	PASS

Tsuv (280-400) %

Center	Up	Down
0,07	0,07	0,05

Tsb (380-500) %

Center	Up	Down
13,24	6,94	32,08

COLOR LIMITS

	X	Y	Result
Green	0,227	0,424	PASS
Yellow	0,598	0,401	PASS
D65	0,366	0,357	PASS

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

