

Gradient International Standards Conformity Report

Lens Code:

Production Line:

Operator:

Base:

Note:

Info:

Date:

Time:



Equipment:

S/N:

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) %		
<input type="text" value="15,54"/>	<input type="text" value="10,57"/>	<input type="text" value="24,78"/>
Primary Function	<input type="text" value="General Purpose lens or shield, medium to dark"/>	
Warnings	<input type="text" value="Not suitable for driving under low light conditions"/>	

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

Center	Up	Down
Luminous Transmittance (Tv) %		
<input type="text" value="15,53"/>	<input type="text" value="10,55"/>	<input type="text" value="24,76"/>
Filter Category	<input type="text" value="3"/>	
Descriptive Label	<input type="text" value="General purpose sunglasses"/>	
Warnings	<input type="text" value="Not suitable for driving in twilight or at night"/>	

Australian/New Zealand Standard AS/NZS 1067.1:2016

Center	Up	Down
Luminous Transmittance (Tv) %		
<input type="text" value="15,53"/>	<input type="text" value="10,55"/>	<input type="text" value="24,76"/>
Filter Category	<input type="text" value="3"/>	
Descriptive Label	<input type="text" value="General purpose sunglasses"/>	
Warnings	<input type="text" value="Not suitable for driving at night or under dull light conditions"/>	

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Color	Center	Up	Down	Min	Max	Result
Red	18,31	13,28	27,46	Min	> 8,00	PASS
Yellow	15,78	10,69	25,30	Min	> 6,00	PASS
Green	15,41	10,51	24,46	Min	> 6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,93	0,88	0,97	Min	> 0,20	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,09	1,13	1,07	Min	> 0,80	PASS
QYellow	1,02	1,02	1,02	Min	> 0,60	PASS
QGreen	0,99	0,99	0,99	Min	> 0,60	PASS
QBlue	1,05	1,10	1,00	Min	> 0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
14,41	9,31	24,08	Min	> 3,11	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,09	1,13	1,07	Min	> 0,80	PASS
QYellow	1,02	1,02	1,02	Min	> 0,60	PASS
QGreen	0,99	0,99	0,99	Min	> 0,60	PASS
QBlue	1,05	1,10	1,00	Min	> 0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
14,41	9,31	24,08	Min	> 3,11	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Result
0,06	0,01	0,00	Max < 1,94	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Result
0,12	0,03	0,00	Max < 15,54	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
15,13	10,98	22,36

UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Result
0,12	0,03	0,00	Max < 7,76	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,06	0,02	0,00	Max < 1,00	PASS

Tsuv (280-380) %

Center	Up	Down
0,09	0,02	0,00

Tsb (380-500) %

Center	Up	Down
15,13	10,98	22,36

UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Result
0,11	0,03	0,00	Max < 7,76	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,06	0,02	0,00	Max < 0,78	PASS

Tsuv (280-400) %

Center	Up	Down
0,09	0,02	0,00

Tsb (380-500) %

Center	Up	Down
15,13	10,98	22,36

COLOR LIMITS

	X	Y	Result
Green	0,206	0,394	PASS
Yellow	0,585	0,414	PASS
D65	0,316	0,326	PASS

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

COLOR LIMITS

	X	Y	Result
Green	0,206	0,394	PASS
Yellow	0,585	0,414	PASS
D65	0,316	0,326	PASS

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	X	Y	Result
Green	0,206	0,394	PASS
Yellow	0,585	0,414	PASS
D65	0,316	0,326	PASS

