

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="67,07"/>	<input type="text" value="56,19"/>	<input type="text" value="80,34"/>
Primary Function	<input type="text" value="Cosmetic lens or shield, light"/>	
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="67,12"/>	<input type="text" value="56,25"/>	<input type="text" value="80,36"/>
Filter Category	<input type="text" value="1"/>	
Descriptive Label	<input type="text" value="Light tint 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="67,12"/>	<input type="text" value="56,25"/>	<input type="text" value="80,36"/>
Filter Category	<input type="text" value="1"/>	
Descriptive Label	<input type="text" value="Fashion spectacles"/>	
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	63,57	51,84	78,49	Min	8,00	PASS
Yellow	63,47	51,36	78,66	Min	6,00	PASS
Green	69,47	59,37	81,48	Min	6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,87	0,80	0,94	Min	0,20	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	0,93	0,90	0,97	Min	0,80	PASS
QYellow	0,96	0,93	0,98	Min	0,60	PASS
QGreen	1,02	1,03	1,01	Min	0,60	PASS
QBlue	1,10	1,17	1,04	Min	0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
58,09	44,79	75,49	Min	13,42	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	0,93	0,90	0,97	Min	0,80	PASS
QYellow	0,96	0,93	0,98	Min	0,60	PASS
QGreen	1,02	1,03	1,01	Min	0,60	PASS
QBlue	1,10	1,17	1,04	Min	0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
58,09	44,79	75,49	Min	13,42	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Result
0,23	0,22	0,24	8,38	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Result
0,28	0,32	0,30	67,07	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
72,58	67,31	78,67

UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Result
0,28	0,32	0,30	67,12	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,24	0,23	0,26	3,36	PASS

Tsuv (280-380) %

Center	Up	Down
0,26	0,28	0,28

Tsb (380-500) %

Center	Up	Down
72,58	67,30	78,67

UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Result
0,27	0,31	0,30	67,12	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Result
0,24	0,23	0,26	3,36	PASS

Tsuv (280-400) %

Center	Up	Down
0,26	0,28	0,29

Tsb (380-500) %

Center	Up	Down
72,58	67,30	78,67

COLOR LIMITS

	X	Y	Result
Green	0,198	0,385	PASS
Yellow	0,573	0,425	PASS
D65	0,295	0,318	PASS

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

COLOR LIMITS

	X	Y	Result
Green	0,198	0,385	PASS
Yellow	0,573	0,425	PASS
D65	0,295	0,318	PASS

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	X	Y	Result
Green	0,198	0,385	PASS
Yellow	0,573	0,425	PASS
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