

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="32,95"/>	<input type="text" value="24,28"/>	<input type="text" value="45,51"/>
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="32,86"/>	<input type="text" value="24,17"/>	<input type="text" value="45,48"/>
Filter Category	<input type="text" value="2"/>	
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="32,86"/>	<input type="text" value="24,17"/>	<input type="text" value="45,48"/>
Filter Category	<input type="text" value="2"/>	
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	42,20	35,38	50,19	Min	8,00	PASS
Yellow	35,74	27,83	46,09	Min	6,00	PASS
Green	31,15	21,93	45,27	Min	6,00	PASS

Spectral transm (475-650) (Tv)

Center	Up	Down	Min	Max	Result
0,87	0,78	0,94	Min	0,20	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,20	1,33	1,05	Min	0,80	PASS
QYellow	1,08	1,13	1,01	Min	0,60	PASS
QGreen	0,96	0,93	1,00	Min	0,60	PASS
QBlue	0,94	0,90	1,01	Min	0,60	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
28,70	18,88	42,57	Min	6,57	PASS

VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

Color	Center	Up	Down	Min	Max	Result
QRed	1,20	1,33	1,05	Min	0,80	PASS
QYellow	1,08	1,13	1,01	Min	0,60	PASS
QGreen	0,96	0,93	1,00	Min	0,60	PASS
QBlue	0,94	0,90	1,01	Min	0,70	PASS

Spectral transm (475-650) %

Center	Up	Down	Min	Max	Result
28,70	18,88	42,57	Min	6,57	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %

Center	Up	Down	Max	Limit	Result
0,16	0,08	0,05	Max	4,12	PASS

Mean NUV (315-380) %

Center	Up	Down	Max	Limit	Result
0,22	0,10	0,02	Max	32,95	PASS

BlueLight Tsb (380-500) %

Center	Up	Down
26,55	18,02	40,55

UV SPECTRAL RANGE

Tsuva (315-380) %

Center	Up	Down	Max	Limit	Result
0,21	0,09	0,02	Max	16,43	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Limit	Result
0,17	0,08	0,04	Max	1,64	PASS

Tsuv (280-380) %

Center	Up	Down
0,19	0,09	0,03

Tsb (380-500) %

Center	Up	Down
26,55	18,02	40,55

UV SPECTRAL RANGE

Tsuva (315-400) %

Center	Up	Down	Max	Limit	Result
0,21	0,09	0,02	Max	16,43	PASS

Tsubv (280-315) %

Center	Up	Down	Max	Limit	Result
0,17	0,08	0,04	Max	1,64	PASS

Tsuv (280-400) %

Center	Up	Down
0,19	0,09	0,03

Tsb (380-500) %

Center	Up	Down
26,55	18,02	40,55

COLOR LIMITS

	X	Y	Result
Green	0,221	0,413	PASS
Yellow	0,588	0,411	PASS
D65	0,342	0,344	PASS

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

