

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="30,30"/>	<input type="text" value="14,33"/>	<input type="text" value="61,48"/>
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="30,22"/>	<input type="text" value="14,28"/>	<input type="text" value="61,33"/>
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="30,22"/>	<input type="text" value="14,28"/>	<input type="text" value="61,33"/>
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 %

Red	36,59	19,71	71,11	Min>	8,00	<input type="text" value="PASS"/>
Yellow	31,81	15,15	66,42	Min>	6,00	<input type="text" value="PASS"/>
Green	29,33	13,85	58,08	Min>	6,00	<input type="text" value="PASS"/>

Spectral transm (475-650) (Tv)

0,90	0,82	0,84	Min>	0,20	<input type="text" value="PASS"/>
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VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

QRed	1,12	1,19	1,13	Min>	0,80	<input type="text" value="PASS"/>
QYellow	1,05	1,06	1,07	Min>	0,60	<input type="text" value="PASS"/>
QGreen	0,98	0,98	0,96	Min>	0,60	<input type="text" value="PASS"/>
QBlue	0,99	1,07	0,91	Min>	0,60	<input type="text" value="PASS"/>

Spectral transm (475-650) %

27,29	11,78	51,86	Min>	6,04	<input type="text" value="PASS"/>
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VISIBLE SPECTRAL RANGE

Detection of signal light: **INCANDESCENT LIGHT**

QRed	1,12	1,19	1,13	Min>	0,80	<input type="text" value="PASS"/>
QYellow	1,05	1,06	1,07	Min>	0,60	<input type="text" value="PASS"/>
QGreen	0,98	0,98	0,96	Min>	0,60	<input type="text" value="PASS"/>
QBlue	0,99	1,07	0,91	Min>	0,70	<input type="text" value="PASS"/>

Spectral transm (475-650) %

27,29	11,78	51,86	Min>	6,04	<input type="text" value="PASS"/>
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UV SPECTRAL RANGE

Mean EUV (280-315) %

0,02	0,04	0,00	Max<	3,79	<input type="text" value="PASS"/>
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Mean NUV (315-380) %

0,02	0,07	0,00	Max<	30,30	<input type="text" value="PASS"/>
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BlueLight Tsb (380-500) %

28,61	14,34	53,14
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UV SPECTRAL RANGE

Tsuva (315-380) %

0,02	0,06	0,00	Max<	15,11	<input type="text" value="PASS"/>
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Tsubv (280-315) %

0,03	0,06	0,00	Max<	1,51	<input type="text" value="PASS"/>
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Tsuv (280-380) %

0,02	0,06	0,00
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Tsb (380-500) %

28,61	14,34	53,14
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UV SPECTRAL RANGE

Tsuva (315-400) %

0,12	0,11	0,20	Max<	15,11	<input type="text" value="PASS"/>
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Tsubv (280-315) %

0,03	0,06	0,00	Max<	1,51	<input type="text" value="PASS"/>
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Tsuv (280-400) %

0,08	0,09	0,12
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Tsb (380-500) %

28,61	14,34	53,14
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COLOR LIMITS

	X	Y	
Green	0,214	0,399	<input type="text" value="PASS"/>
Yellow	0,584	0,415	<input type="text" value="PASS"/>
D65	0,325	0,331	<input type="text" value="PASS"/>

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

