SMARTVISION IN LINE QUALITY

Gradient International Standards Conformity Report

Lens Code:	CR.010
Production Line:	
Operator:	SuperUser SuperUser
Base:	
Note:	
Info:	

Date:	17/10/2019
Time:	09:07
Equipment:	S_C_P_S 1.7
S/N:	07E3.0002

DIVEL ITALIA®

Additional required information
This is not suitable for:
- direct viewing of the sun
- for use in twilight or at night
- protection agaist sources of radiation other than natural sunlight

American National Standard ANSI Z80.3-2018

	Center	Up	Down
Luminous Transmittance (Tv) %	20,84	13,99	36,71

Primary Function: General Purpose lens or shield, medium to dark

Warnings: Not suitable for driving under low light conditions

VISIBLE SPECTRAL RANGE

Traffic signal transmittance %

Red	24,90	17,64	40,55	Min>	8,00	PASS
Yellow	19,69	13,01	35,35	Min>	6,00	PASS
Green	21,72	14,72	37,75	Min>	6,00	PASS
Spectral transm (475-650) (Tv)						
	0,79	0,73	0,86	Min>	0,20	PASS

UV SPECTRAL RANGE

Mean EUV (280-315) %					
	0,17	0,22	0,12	Max<	2,61	PASS
Mean NUV (315-380) %					
	0,33	0,40	0,24	Max<	20,84	PASS
BlueLight Tsb (380-500) %					
	20,71	14,54	34,83		
	Center	Up	Down		

COLOR LIMITS

	X	Y	
Green	0,192	0,398	PASS
Yellow	0,587	0,412	PASS
D65	0,302	0,329	PASS

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

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

	Center	Up	Down
Luminous Transmittance (Tv) %	20,85	13,99	36,73

Filter Category: 2

Descriptive Label: General purpose sunglasses

Warnings: Not suitable for driving in twilight or at night

VISIBLE SPECTRAL RANGE

Dection of signal light: **INCANDESCENT LIGHT**

QRed	1,05	1,07	1,02	Min>	0,80	PASS
QYellow	0,96	0,95	0,97	Min>	0,60	PASS
QGreen	1,02	1,02	1,01	Min>	0,60	PASS
QBlue	1,19	1,25	1,11	Min>	0,60	PASS
Spectral transm (475-650) %						
	16,37	10,23	31,65	Min>	4,17	PASS

UV SPECTRAL RANGE

Tsuva (315-380) %					
	0,30	0,38	0,22	Max<	10,43	PASS
Tsuvb (280-315) %					
	0,18	0,23	0,13	Max<	1,04	PASS
Tsuv (280-380) %					
	0,25	0,32	0,18		
Tsb (380-500) %					
	20,71	14,54	34,83		
	Center	Up	Down		

Australian/New Zealand Standard AS/NZS 1067.1:2016

	Center	Up	Down
Luminous Transmittance (Tv) %	20,85	13,99	36,73

Filter Category: 2

Descriptive Label: General purpose sunglasses

Warnings: Not suitable for driving at night or under dull light conditions

VISIBLE SPECTRAL RANGE

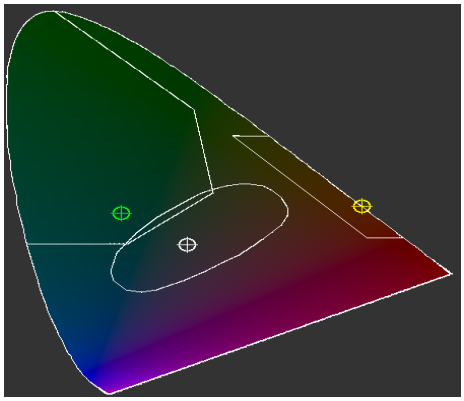
Dection of signal light: **INCANDESCENT LIGHT**

QRed	1,05	1,07	1,02	Min>	0,80	PASS
QYellow	0,96	0,95	0,97	Min>	0,60	PASS
QGreen	1,02	1,02	1,01	Min>	0,60	PASS
QBlue	1,19	1,25	1,11	Min>	0,70	PASS
Spectral transm (475-650) %						
	16,37	10,23	31,65	Min>	4,17	PASS

UV SPECTRAL RANGE

Tsuva (315-400) %					
	0,35	0,43	0,27	Max<	10,43	PASS
Tsuvb (280-315) %					
	0,18	0,23	0,13	Max<	1,04	PASS
Tsuv (280-400) %					
	0,29	0,36	0,22		
Tsb (380-500) %					
	20,71	14,54	34,83		
	Center	Up	Down		

Color Limit Region of Acceptance



Spectral Transmittance