

Photocromic Lens International Standards Conformity Report

Lens Code 黑色素P3000變色片 Production Line _____ Operator _____ Base bsae 6 Note PC 6C偏心 83*53mm Info 2220016 (3s 選1分)	Date 2019/7/24 Time 上午 09:11	
Equipment Smart_Color 4.4 Equipment SN 07DF.0008	Additional required informations This is not suitable for: - direct viewing of the sun - for use in twilight or at night - protection against sources of radiation other than natural	

American National Standard ANSI Z80.3-2010

Faded Darkened
Luminous Transmittance: 58.12 10.51 % PASS

Primary Function: Cosmetic lens or shield, light

Warnings: _____

VISIBLE SPECTRAL RANGE

Traffic signal transmittance

Red	70.66	20.50	Min>	8.00	PASS
Yellow	61.78	10.23	Min>	6.00	PASS
Green	56.00	10.76	Min>	6.00	PASS

Spectral Transmittance (475-650)

	0.83	0.65	Min>	0.20	PASS
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UV SPECTRAL RANGE

Mean EUV (280-315)	0.00	0.00	Max<	0.07	PASS
Mean NUV (315-380)	0.00	0.00	Max<	0.58	PASS

Relative Light Tsb (380-500) %

	36.53	9.81			
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Faded Darkened

COLOR LIMITS

	X	Y	
Green	0.22	0.44	PASS
Yellow	0.59	0.41	PASS
D65	0.35	0.37	PASS

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

European Standard EN 1836 : 2005 + A1:2007

Faded Darkened
Transmittance value: 58.09 10.51 % PASS

Filter Category: 1

Description: Light tint

Warnings: _____

VISIBLE SPECTRAL RANGE

Recognition of signal light and colors

QRed	1.15	1.40	Min>	0.80	PASS
QYellow	1.07	0.99	Min>	0.80	PASS
QGreen	0.96	1.02	Min>	0.60	PASS
QBlue	0.96	1.47	Min>	0.40	PASS

Spectral Transmittance (500-650)

	0.94	0.65	Min>	0.20	PASS
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UV SPECTRAL RANGE

Tmax UVB	0.09	0.20	Max<	5.81	PASS
Tmax UVA	0.12	0.27	Max<	58.09	PASS
Tmean UVA	0.10	0.24	Max<	58.09	PASS
Tsuvb	0.07	0.17		(280-315) %	
Tsuv	0.09	0.21		(280-380) %	
Solar BlueLight	36.89	9.95		(380-500) %	

Australian/New Zeland Standard AS/NZS 1067-2003/Amdt 1:2009

Faded Darkened
Luminous Transmittance: 58.09 10.51 % PASS

Filter Category: 1

Description: Fashion spectacles - not sunglasses
Limited sunglare reduction
Some UV protection

Warnings: Not suitable for driving at night

VISIBLE SPECTRAL RANGE

Recognition of signal light and colors

QRed	1.15	1.40	Min>	0.80	PASS
QYellow	1.07	0.99	Min>	0.80	PASS
QGreen	0.96	1.02	Min>	0.60	PASS
QBlue	0.96	1.47	Min>	0.70	PASS

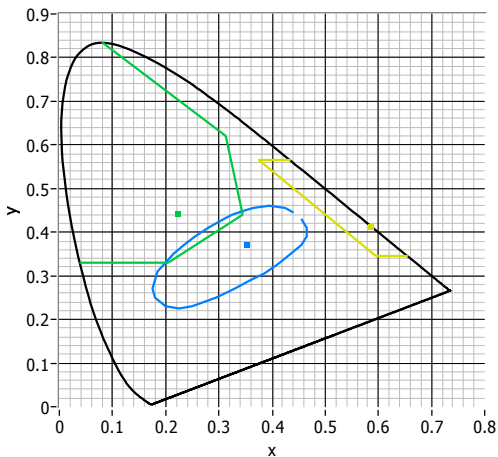
Min Spectral Transmittance (450-650)

	0.67	0.65	Min>	0.20	PASS
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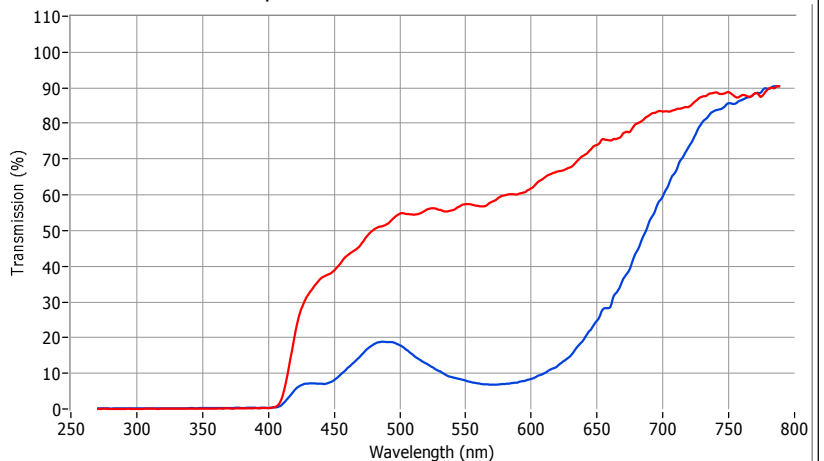
UV SPECTRAL RANGE

JVB (Tv)	0.00	0.00	Max<	0.03	PASS
JVA (Tv)	0.00	0.00	Max<	0.58	PASS
Solar UVA (Tv)	0.00	0.00	Max<	0.58	PASS
Solar UVB	0.07	0.17		(Tsuvb 280-315) %	
Solar UV	0.08	0.21		(Tsu 280-400) %	
Solar bluelight	36.89	9.95		(Tsb 380-500) %	

Color Limit Region of Acceptance



Spectral Transmittance



Faded —
Darkened —

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Lens Code 黑色素P3000變色片
Production Line
Operator
Base bsa6 6
Note PC 6C偏心 83*53mm
Info 2220016 (3s 退1分)

Date 2019/7/24
Time 上午 09:11



Equipment Smart_Color 4.4
Equipment SN 07DF.0008

Additional required informations
 This is not suitable for:
 - direct observation of the sun
 - for use as eye protection against mechanical impact hazard
 - protection against artificial light sources

**International Standard
ISO 12312-1**

	Faded	Darkened		
Luminous Transmittance (Tv)	58.09	10.49 %		PASS
Filter Category	1	3		
Descriptive label	Light tint sunglasses			
Warnings	Not suitable for driving in twilight or at night			
VISIBLE SPECTRAL RANGE				
Detection of signal light				
QRed	1.16	1.46	Min> 0.80	PASS
QYellow	1.06	0.99	Min> 0.60	PASS
QGreen	0.97	0.96	Min> 0.60	PASS
QBlue	0.92	1.42	Min> 0.60	PASS
Spectral Transmittance (475-650) %	48.44	6.84	Min> 11.62	PASS
UV SPECTRAL RANGE				
Uva (315-380) %	0.10	0.24	Max< 58.09	PASS
Uvb (280-315) %	0.07	0.17	Max< 2.90	PASS
Uvc (280-380) %	0.09	0.21		
Uvd (380-500) %	36.73	9.88		
	Faded	Darkened		

Spectral Transmittance

