

3. Results of inspection :

1) American National Standard ANSI Z80.3-2001 ; Clause 4.6-Transmittance Properties

Inspection item		No.Do-Light Blue	Judgment (General purpose)
Luminous transmittance τ_v		30.4 %	Pass
Mean transmittance	UVB(290-315nm)	0.0 % (0.000 τ_v)	Pass
	UVA(315-380nm)	0.0 % (0.000 τ_v)	Pass
Color limits	Yellow traffic signal	X 0.58 Y 0.42	Pass
	Green traffic signal	X 0.19 Y 0.37	Pass
	Average daylight (D65)	X 0.29 Y 0.30	Pass
Traffic signal transmittance	Red signal	29.8 %	Pass
	Yellow signal	28.7 %	Pass
	Green signal	31.5 %	Pass
Spectral transmittance(500-650nm)		26.9 % (0.885 τ_v)	Pass

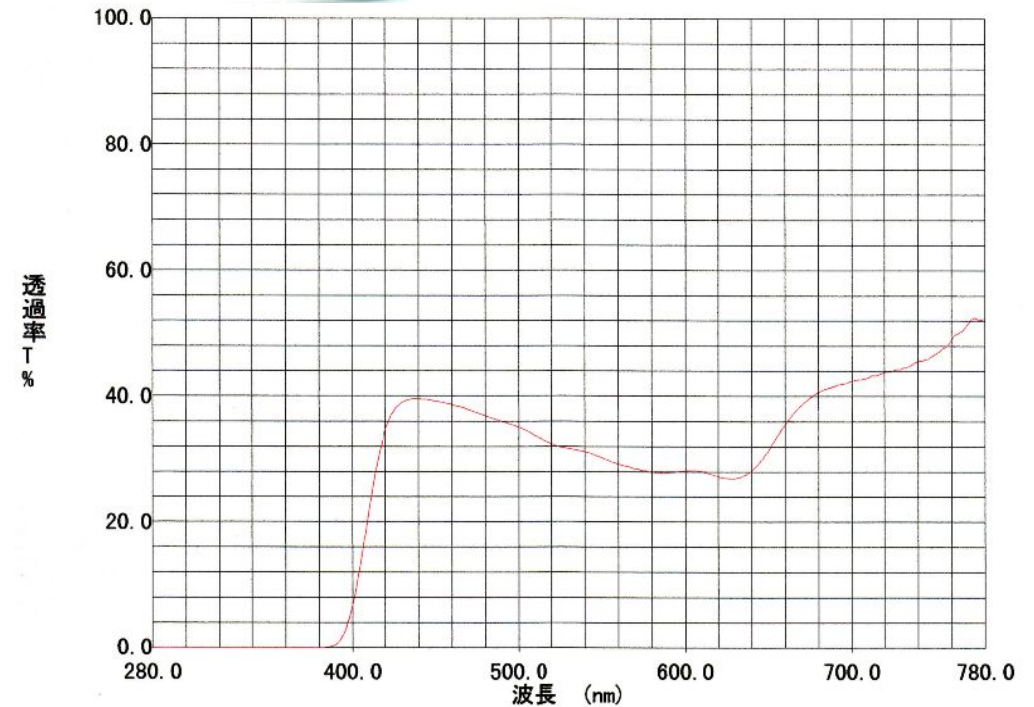
2) European Standard EN 1836-2005 ; Clause 4.1.3.2-Requirements for road use and driving

Inspection item	No.Do-Light Blue	Judgment
τ_v (D ₆₅)	30.4 %	Pass
Filter category	—	2
τ_F (280-315nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_F (315-350nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_{SUV_A} (315-380nm)	0.0 % (0.000 τ_v)	Pass
τ_F (500-650nm) MIN	26.9 % (0.885 τ_v)	Pass
Red signal light Q	28.7 % (0.944 τ_v)	Pass
Yellow signal light Q	28.8 % (0.947 τ_v)	Pass
Green signal light Q	31.5 % (1.036 τ_v)	Pass
Blue signal light Q	33.7 % (1.109 τ_v)	Pass

3) Australian/New Zealand Standard AS/NZS 1067-2003 ;

Clause 2.1-Transmittance requirements and lens categories

Inspection item	No.Do-Light Blue	Judgment
τ_v (D ₆₅)	30.4 %	Pass
Lens category	—	2
τ_F (280-315nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_F (315-350nm) MAX	0.0 % (0.000 τ_v)	Pass
τ_{SUV_A} (315-400nm)	0.2 % (0.007 τ_v)	Pass
τ_F (450-650nm) MIN	26.9 % (0.885 τ_v)	Pass
Red signal light Q	28.7 % (0.944 τ_v)	Pass
Yellow signal light Q	28.8 % (0.947 τ_v)	Pass
Green signal light Q	31.5 % (1.036 τ_v)	Pass
Blue signal light Q	33.7 % (1.109 τ_v)	Pass



DO-LBLUE ———

Applicant : INUI LENS CO., LTD.

Sample : Uncut plastic polarized sunglass lens only. No.Do Light Blue
(ϕ 72mmx2.2mmx6R)

Date : Feb. 19, 2008

Measuring Instrument : Spectrophotometer UV-3100PC (Shimadzu Corporation)