

# JOQI POLARIZED TAC LENS

Yuanqu third road, Zhongtong industrial zone, Yingtian City, Jiangxi province  
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## Sunglasses Certification Report

Sample Name: GR8029 190PCS  
Company : Wenzhou Grenada Optical Co Ltd  
Material :  
Size :

Sample Remark :

### Standard: ANSI Z80.3:2015

Item	Value	Requirement	Result
Lens Primary Function	General Purpose		
Luminous Transmittance Tv	8.65%	8% - 40%	PASS
Color Limit, Yellow(x,y)	(0.60,0.40)		PASS
Color Limit, Green(x,y)	(0.19,0.41)		PASS
Color Limit, D65(x,y)	(0.31,0.34)		PASS
Tsig, Red Signal	12.11%	$\geq 8.00\%$	PASS
Tsig, Yellow Signal	12.11%	$\geq 6.00\%$	PASS
Tsig, Green Signal	8.90%	$\geq 6.00\%$	PASS
Tmin (475 - 650nm)	6.98%	$\geq 1.73\%(0.2Tv)$	PASS
Tmax UVB (280 - 315nm)	0.00%	$\leq 1.08\%(0.125Tv)$	PASS
Tmax UVA (315 - 380nm)	0.00%	$\leq 8.65\%(Tv)$	PASS
Tsb (380 - 500nm)	7.85%		

### Standard: EN ISO 12312-1:2013(A1:2015)

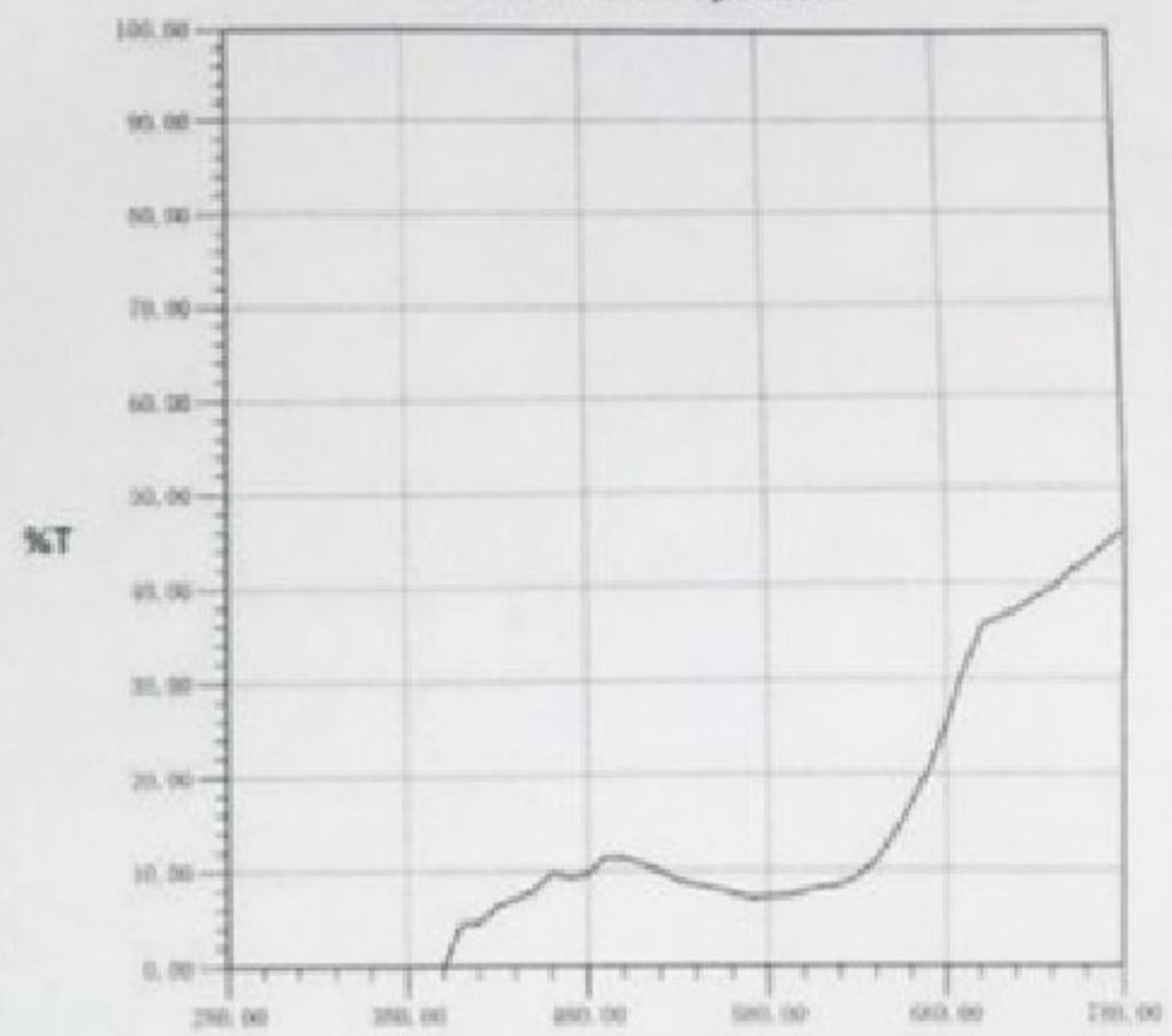
Item	Value	Requirement	Result
Filter Category	3		
Luminous Transmittance Tv	8.66%	8% - 18%	PASS
Incandescent Lights			
Q, Red	1.17	$\geq 0.80$	PASS
Q, Yellow	0.98	$\geq 0.60$	PASS
Q, Green	1.00	$\geq 0.60$	PASS
Q, Blue	1.19	$\geq 0.60$	PASS
LED Signal Lights			
Q, Red	1.14	$\geq 0.80$	PASS
Q, Yellow	0.85	$\geq 0.60$	PASS
Q, Green	1.19	$\geq 0.60$	PASS
Q, Blue	1.12	$\geq 0.60$	PASS
Tmin (475 - 650nm)	6.98%	$\geq 1.73\%(0.2Tv)$	PASS
Tsuva (315 - 380nm)	0.00%	$\leq 4.33\%(0.5Tv)$	PASS
Tsuvb (280 - 315nm)	0.00%	$\leq 1.00\%$	PASS
Tsuv (280 - 400nm)	0.00%		
Tsb (380 - 500nm)	7.85%		
Road Use And Driving			PASS
Driving In Twilight or Night	8.66	Tv $\geq 75\%$ NOT SUITABLE	

### Standard: AS/NZS 1067.1:2016

Item	Value	Requirement	Result
Lens Category	3		
Luminous Transmittance Tv	8.66%	8% - 18%	PASS
Q, Red	1.14	$\geq 0.80$	PASS
Q, Yellow	0.98	$\geq 0.80$	PASS
Q, Green	1.03	$\geq 0.60$	PASS
Q, Blue	1.24	$\geq 0.70$	PASS
Tmax UVB (280 - 315nm)	0.00%	$\leq 0.43\%(0.05Tv)$	PASS
Tmax UVA (315 - 400nm)	0.00%	$\leq 4.33\%(0.5Tv)$	PASS
Tmin (475 - 650nm)	6.98%	$\geq 1.73\%(0.2Tv)$	PASS
Tsuvb (280 - 315nm)	0.00%		
Tsuv (280 - 400nm)	0.00%		
Tsb (400 - 500nm)	7.85%		

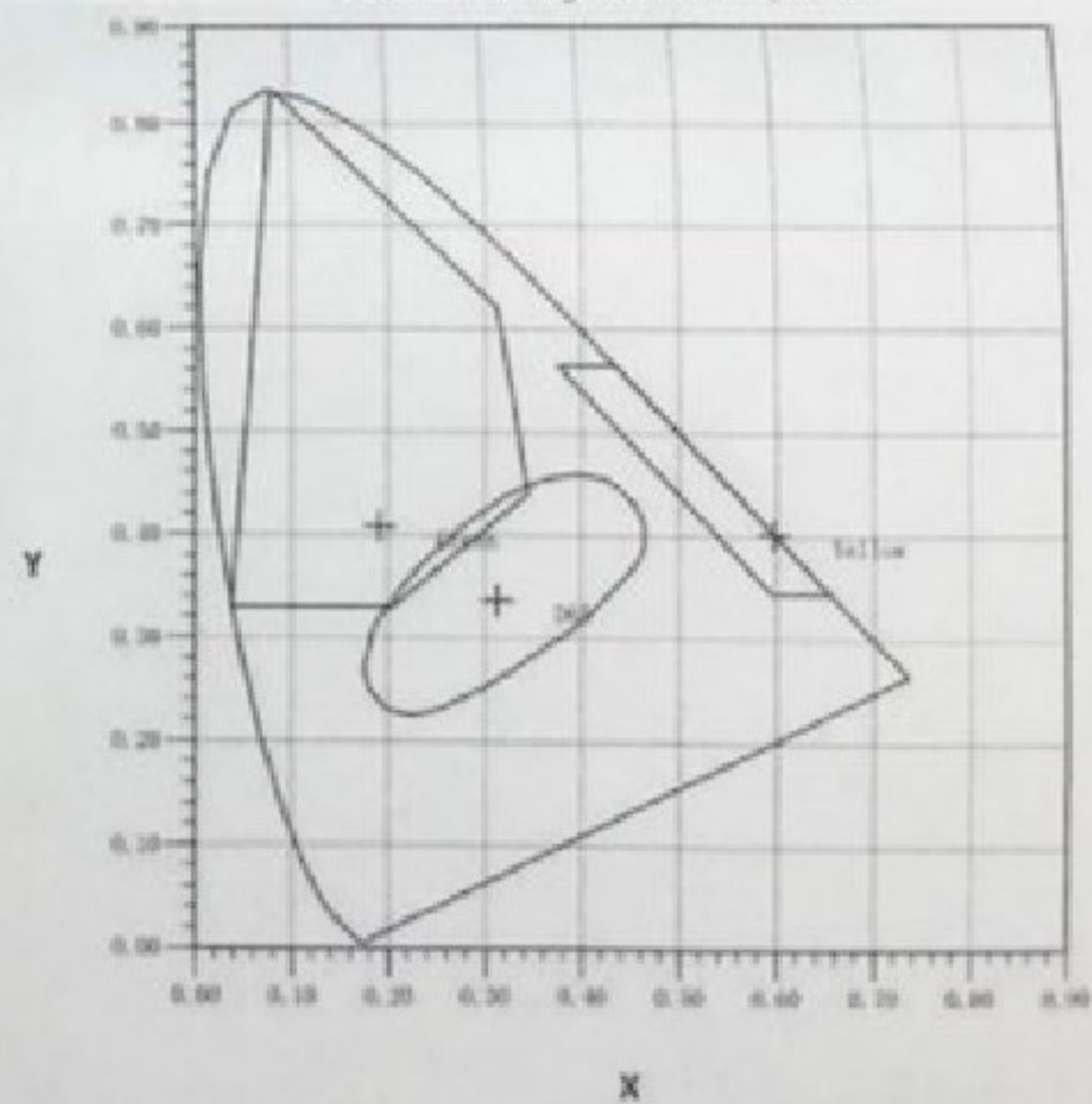
CIE 1976 L\*,a\*,b\* color space coordinates, illuminant D65  
L\*=35.498 a\*=-3.249 b\*=2.235

Transmittance Spectrum



Wavelength (nm)

Color Limit Regions of Acceptance



Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T		
280	0.00	290	0.00	300	0.00	310	0.00	320	0.00	330	0.00	340	0.00	350	0.00	360	0.00	370	0.00	380	0.00	390	0.00	400	0.00
420	4.47	430	4.65	440	6.38	450	7.96	460	9.81	470	9.26	480	9.69	490	11.42	500	11.36	510	10.67	520	9.96	530	8.89		
540	8.50	550	8.07	560	7.60	570	7.08	580	7.24	590	7.32	600	7.77	610	8.16	620	8.41	630	9.31	640	10.97	650	13.54	660	16.88
670	20.54	680	25.30	690	31.14	700	35.63	710	36.42	720	37.28	730	38.57	740	39.56	750	41.25	760	42.38	770	44.21	780	45.40		

(1). ANSI Z80.3:2015	PASS	Lens Primary Function	General Purpose
(2). EN ISO 12312-1:2013(A1:2015)	PASS	Filter Category	3
(3). AS/NZS 1067:2003(A1:2009)	PASS	Lens Category	3
(4). UV380	PASS		
(5). UV400	PASS		