

Sunglasses Certification Report

Sample Name: PC-JS15N JSRV1-SBL-C

Standard: ANSI Z80.3:2018

Item	Value	Requirement	Result
Lens Primary Function	General Purpose		
Luminous Transmittance Tv	9.48%	8% - 40%	PASS
Color Limit, Yellow(x,y)	(0.6237, 0.3754)		PASS
Color Limit, Green(x,y)	(0.2038, 0.4037)		PASS
Color Limit, D65(x,y)	(0.3575, 0.3304)		PASS
Tsig, Red Signal	21.34%	>= 8%	PASS
Tsig, Yellow Signal	10.84%	>= 6%	PASS
Tsig, Green Signal	8.71%	>= 6%	PASS
Tmin (475 - 650nm)	6.99%	>= 1.90% (0.2Tv)	PASS
Tmean UVB (280 - 315nm)	0.00%	<= 1.18% (0.125Tv)	PASS
Tmean UVA (315 - 380nm)	0.00%	<= 9.48% (Tv)	PASS
Tsb (380 - 500nm)	8.01%		

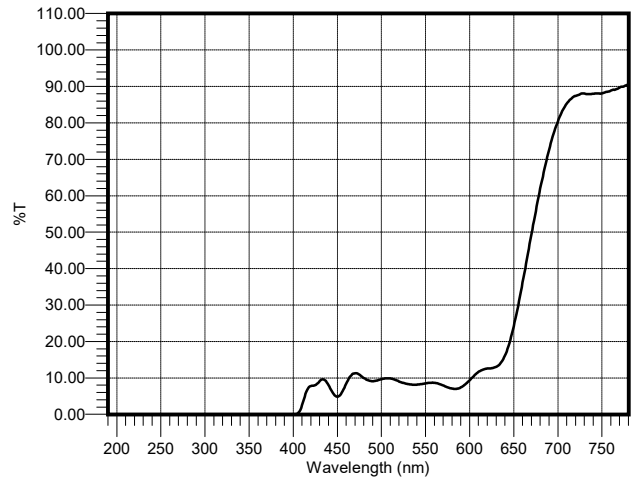
Standard: EN ISO 12312-1:2022+A11:2024

Item	Value	Requirement	Result
Filter Category	3		
Luminous Transmittance Tv	9.44%	8% - 18%	PASS
Incandescent Lights			
Q, Red	1.70	>= 0.80	PASS
Q, Yellow	1.14	>= 0.60	PASS
Q, Green	0.91	>= 0.60	PASS
Q, Blue	1.15	>= 0.60	PASS
Tmin (475 - 650nm)	6.99%	>= 1.89% (0.2Tv)	PASS
Tsuva (315 - 380nm)	0.00%	<= 4.72% (0.5Tv)	PASS
Tsuvb (280 - 315nm)	0.00%	<= 1.0%	PASS
Tsuv (280 - 380nm)	0.00%		
Tsb (380 - 500nm)	8.01%		
Road Use and Driving			PASS
Driving In Twilight or At Night	9.44%	Tv >= 75%	NOT SUITABLE

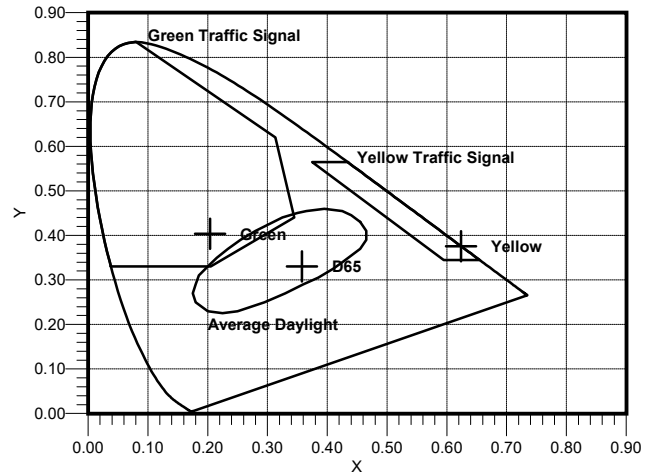
Standard: AS/NZS 1067.1:2016 (A1:2018)

Item	Value	Requirement	Result
Lens Category	3		
Luminous Transmittance Tv	9.44%	8% - 18%	PASS
Incandescent Lights			
Q, Red	1.70	>= 0.80	PASS
Q, Yellow	1.14	>= 0.60	PASS
Q, Green	0.91	>= 0.60	PASS
Q, Blue	1.15	>= 0.70	PASS
Tmin (475 - 650nm)	6.99%	>= 1.89% (0.2Tv)	PASS
Tsuva (315 - 400nm)	0.00%	<= 4.72% (0.5Tv)	PASS
Tsuvb (280 - 315nm)	0.00%	<= 0.47% (0.05Tv)	PASS
Tsuv (280 - 400nm)	0.00%		
Tsb (380 - 500nm)	8.01%		
Road Use and Driving			PASS
Driving In Twilight or At Night			NOT SUITABLE

Transmittance Spectrum



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
190	0.000	200	0.000	210	0.000	220	0.000	230	0.000	240	0.000	250	0.000	260	0.000	270	0.000	280	0.000	290	0.000
300	0.000	310	0.000	320	0.000	330	0.000	340	0.000	350	0.000	360	0.000	370	0.000	380	0.000	390	0.000	400	0.000
410	2.517	420	7.788	430	9.102	440	8.034	450	4.863	460	8.403	470	11.291	480	10.010	490	9.127	500	9.653	510	9.873
520	9.043	530	8.321	540	8.165	550	8.505	560	8.651	570	7.922	580	7.087	590	7.400	600	9.370	610	11.639	620	12.569
630	13.010	640	16.133	650	24.233	660	36.238	670	49.440	680	62.021	690	72.545	700	80.434	710	85.311	720	87.411	730	88.071
740	88.021	750	88.116	760	88.840	770	89.643	780	90.478												

(1). ANSI Z80.3:2018	PASS	Lens Primary Function	General Purpose
(2). EN ISO 12312-1:2022+A11:2024	PASS	Filter Category	3
(3). AS/NZS 1067.1:2016 (A1:2018)	PASS	Lens Category	3