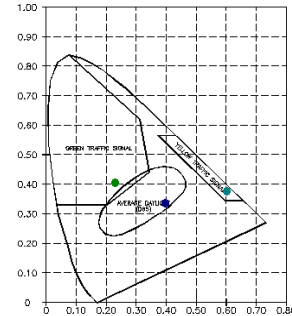
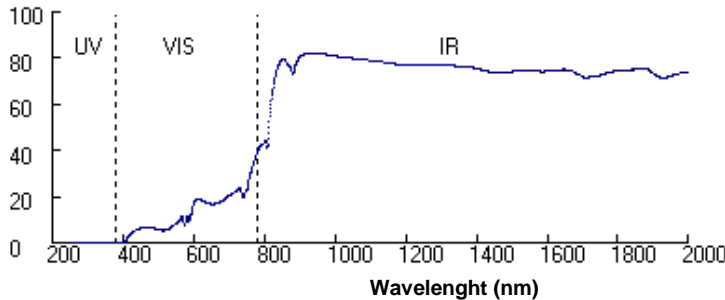


OPTICAL GLASS LENS

PolaNeophan /W18 - AR 99 cc
Polarized glass lenses

Glass Code: **NG01D5C0**

Base: **6** Thickness: **1.8 mm** Hardening: **Chemically** Optical Centre: **Centre** Coating: **AR 99 cc**



D65:
x=0,4140 y=0,3523
C:
x=0,4108 y=0,3438

Pol.Ratio **> 25** (min **8:1**) Degree of Pol. **0,99** Reflection factor **1,08%** **PASS (max 2.5%)**
Ph.Ratio **0,00%** Ph. Interval **0,00** Dark Tv **0,00%** Ph. Category **0**

This sunglare filter is conform to the following International Norms:

European Norm: EN 1836-2005+A1:2007

TV (mean 380 ÷ 780 nm)	10,00%										
TSB (mean 380 ÷ 500 nm)	5,78%										
TSIR (mean 780 ÷ 2000 nm)	73,56%	(max Tv)	NO IR PROTECTION								
TSUV (mean 280 ÷ 380 nm)	0,00%										
TSUVA (mean 315 ÷ 380 nm)	0,00%	(0,5 Tv)	5,00%	PASS							
TSUVB (mean 280 ÷ 315 nm)	0,00%	(max 0,1 Tv)	1,00%	PASS							
TSUVB1 (peak max 315 ÷ 350 nm)	0,00%	(0,5 Tv)	5,00%	PASS							
TVIS (peak min 500 ÷ 650 nm)	5,59%	(min 0,2 Tv)	2,00%	PASS							

American Norm: ANSI Z80.3-2001

TV (mean 380 ÷ 780 nm)	10,07%	(8<=Tv<40)		PASS							
TSUVB (mean 290 ÷ 315 nm)											
	normal use •	0,00%	(<=1/8Tv)	1,25%	PASS						
	high and prolonged exposure •	0,00%	(max 1%)	0,10%	PASS						
TSUVA (mean 315 ÷ 380 nm)											
	normal use •	0,00%	(max Tv)	10,07%	PASS						
	high and prolonged exposure •	0,00%	(max 0.5 Tv)	5,03%	PASS						
TSIR (mean 780 ÷ 1400 nm)	73,49%	No requirement									
TVIS (peak min 500 ÷ 650 nm)	5,59%	(min 0,2 Tv)	2,00%	PASS							

Australian Norm: AS/NZS 1067:2003

TV (mean 380 ÷ 780 nm)	10,00%										
TSB (mean 380 ÷ 500 nm)	5,78%										
TSIR (mean 780 ÷ 2000 nm)	73,56%										
TSUV (mean 280 ÷ 400 nm)	0,00%										
TSUVA (mean 315 ÷ 400 nm)	0,00%	(0,5 Tv)	5,00%	PASS							
TSUVB (mean 280 ÷ 315 nm)	0,00%	(max 0,05 Tv)	0,5%	PASS							
TSUVB1 (peak max 315 ÷ 350 nm)	0,00%	(0,5 Tv)	5,00%	PASS							
TVIS (peak min 450 ÷ 650 nm)	5,59%	(min 0,2 Tv)	2,00%	PASS							

Spectral Data: UV				VIS								IR			
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	6,34	590	12,11	690	19,36	790	42,31	1250	76,92
210	0,00	310	0,00	400	0,12	500	6,01	600	17,48	700	20,59	800	43,67	1300	76,77
220	0,00	320	0,00	410	1,84	510	5,60	610	18,66	710	21,64	850	79,40	1400	75,47
230	0,00	330	0,00	420	3,95	520	5,90	620	18,89	720	22,78	900	80,36	1500	74,09
240	0,00	340	0,00	430	5,18	530	6,14	630	17,85	730	23,68	950	81,90	1600	74,26
250	0,00	350	0,00	440	6,09	540	7,68	640	17,22	740	20,19	1000	80,79	1700	71,96
260	0,00	360	0,00	450	6,63	550	8,65	650	16,90	750	23,37	1050	79,72	1800	74,28
270	0,00	370	0,00	460	6,81	560	10,31	660	17,02	760	30,26	1100	78,82	1900	73,40
280	0,00	380	0,00	470	6,66	570	9,11	670	17,68	770	35,34	1150	77,90	2000	74,00
290	0,00			480	6,43	580	11,38	680	18,55	780	39,67	1200	76,80		