



OPTICAL TRANSMITTANCE PROPERTIES

TRANSMITTANCE DATA SHEET

COLOUR CODE: M3280 Green	LENS MATERIAL: Polycarbonate
LENS TREATMENT: Mi Green Mir	LENS SIZE: Snow Goggle 188-115-5.2/0D-1.25 Cyl

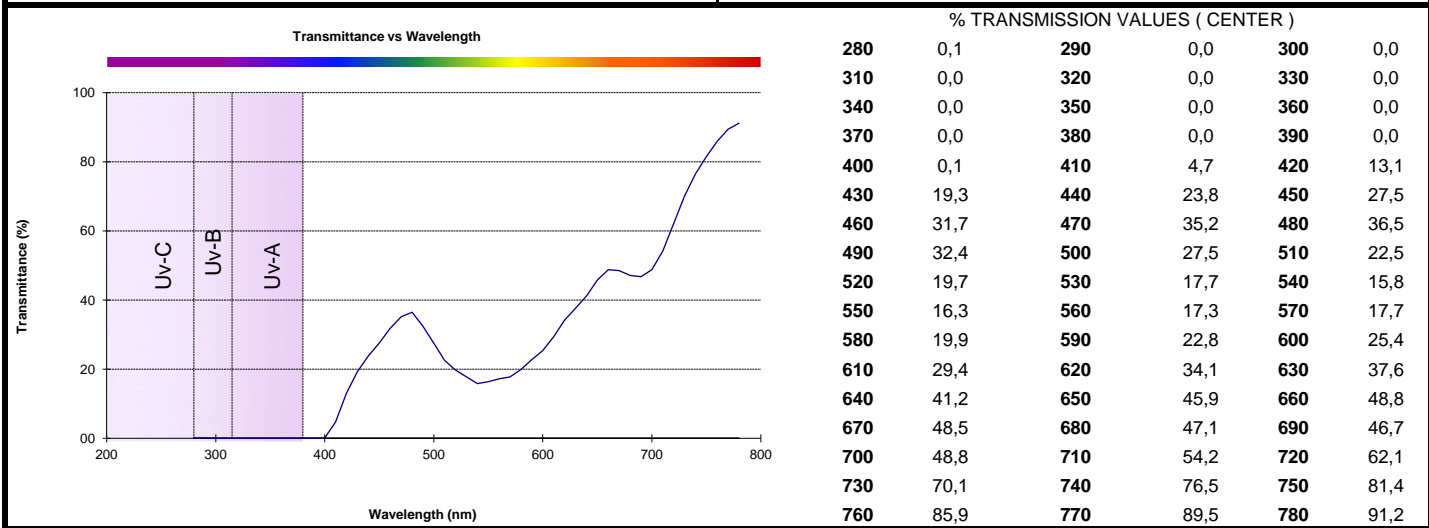
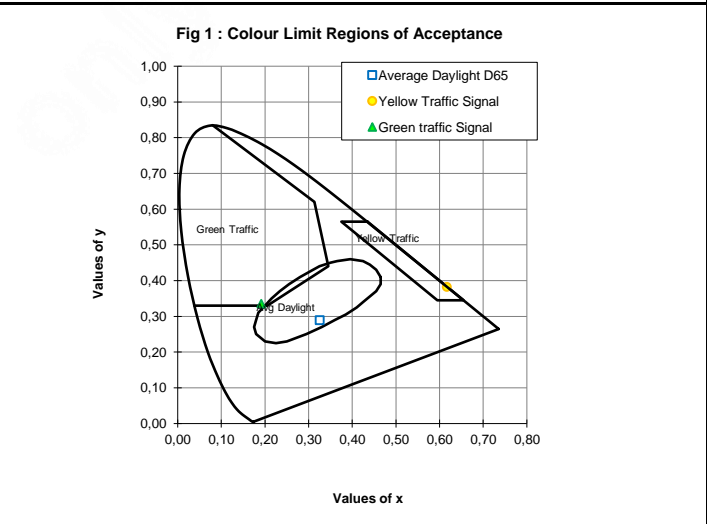
EUROPEAN STANDARD EN 1836:2005 + A1:2007 (not valid anymore, replaced by ISO 12312-1)				AUSTRALIAN / NEW ZEALAND STANDARD AS/NZS 1067.1:2016			
	CENTER	TOP	BOTTOM		CENTER	TOP	BOTTOM
Luminous Transmittance - D65 (380-780nm)	22,19%			Luminous Transmittance - D65 (380-780nm)	22,19%		
Filter Category	2			Filter Category	2		
Description	Medium tint			Description	Sunglasses		
UV Transmittance (280-380nm)	0,0%			UV Transmittance (280-400nm)	0,0%		
UVA Transmittance (315-380nm)	0,0%			UVA Transmittance (315-400nm)	0,0%		
UVB Transmittance (280-315nm)	0,0%			UVB Transmittance (280-315nm)	0,0%		
Max Spectral Trans (280-315nm)	PASS			Max Spectral Trans (280-315nm)	PASS		
Max Spectral Trans (315-350nm)	PASS						
Max Solar UVA Trans (315-380nm)	PASS			Max Solar UVA Trans (315-400nm)	PASS		
Spectral Transmittance (500-650nm)	PASS			Spectral Transmittance (475-650nm)	PASS		
Solar Blue Light Transmittance (380-500nm)	25,52%			Solar Blue Light Transmittance (380-500nm)	25,52%		
Recognition of signal lights and colours				Recognition of signal lights and colours			
Q Red	PASS			Q Red	PASS		
Q Yellow	PASS			Q Yellow	PASS		
Q Green	PASS			Q Green	PASS		
Q Blue	PASS			Q Blue	PASS		

WARNING:

AMERICAN NATIONAL STANDARD - ANSI Z80.3-2018

	CENTER	TOP	BOTTOM
Illuminant C Transmittance (380-780nm)	22,32%		
Primary function:	General Purpose Lens or Shield, medium to dark		
Use:	High and prolonged exposure		
Average UVB (280-315nm)	PASS		
Average UVA (315-380nm)	PASS		
Spectral Transmittance (475-650nm)	PASS		
Solar Blue Light Transmittance (380-500nm)	25,52%		
Traffic Signals Transmittance			
Red signal transmittance	PASS		
Yellow signal transmittance	PASS		
Green signal transmittance	PASS		
Color Distortion			
D65	PASS		
Yellow	PASS		
Green	PASS		

WARNING:



Notes: Reference point --> Geometrical centre



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EN ISO 12312-1:2013/A1:2015

COLOUR CODE:

M3280 Green

LENS MATERIAL:


Polycarbonate

LENS SIZE:

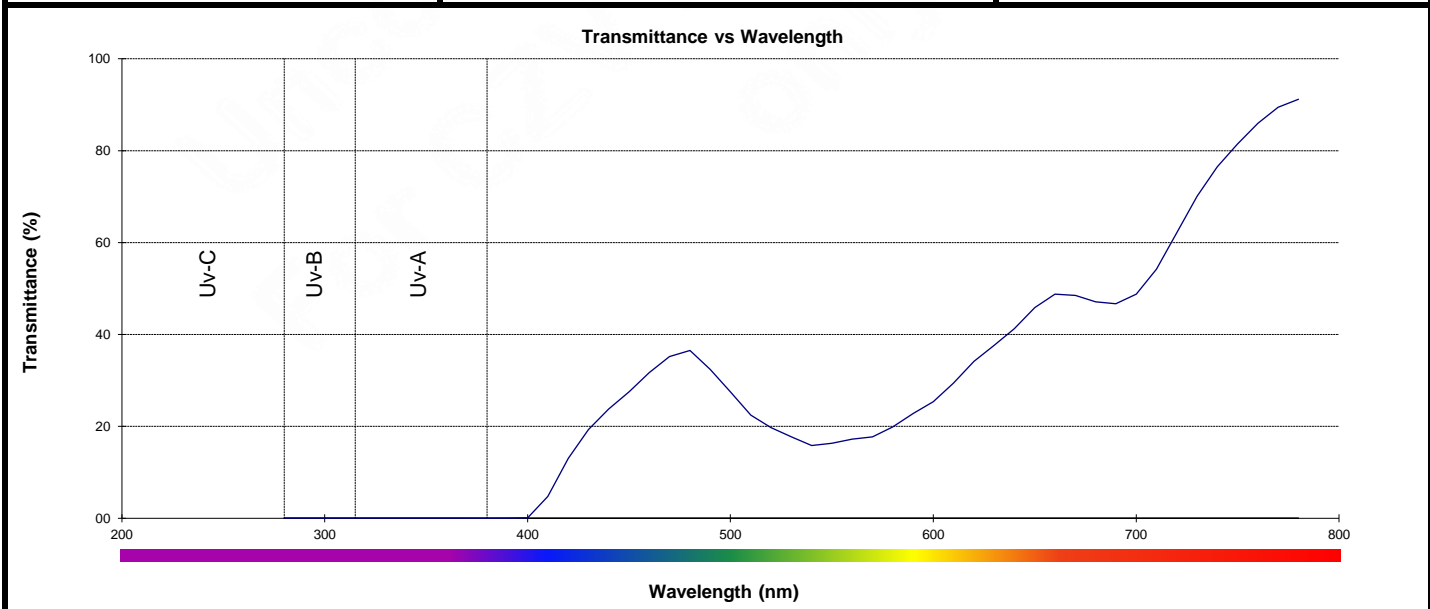
Snow Goggle 188-115-5.2/0D-1.25 Cyl

LENS TREATMENT:

MI Green Mir

	CENTER	TOP	BOTTOM	INFORMATION AND LABELLING	
Luminous Transmittance - D65 (380-780nm)	22,19%			Filter Category	2
UV Transmittance (280-380nm)	0,0%			Description	General purpose sunglasses
UVB Transmittance (280-315nm)	PASS			Usage	Good protection against sunglare
UVA Transmittance (315-380nm)	PASS			Symbol	
Spectral Transmittance (475-650nm)	PASS				
Solar Blue Light Transmittance (380-500nm)	25,52%			<p>Not for direct observation of the sun</p> <p>Not for protection against artificial light sources e.g. solaria</p> <p>Not for use as eye protection against mechanical impact hazards</p> <p>WARNING: Not suitable for driving in twilight or at night</p>	
Recognition of signal lights and colours					
Q Red	PASS				
Q Yellow	PASS				
Q Green	PASS				
Q Blue	PASS				

Illuminant D50				Illuminant D65				Illuminant F11			
x	0,36	L*	54,44	x	0,33	L*	54,22	x	0,41	L*	53,37
y	0,31	a*	19,02	y	0,29	a*	17,62	y	0,33	a*	20,03
z	0,32	b*	-8,84	z	0,39	b*	-8,49	z	0,26	b*	-8,41



% TRANSMISSION VALUES (CENTER)

280	0,1	355	0,0	430	19,3	505	24,9	580	19,9	655	47,8	730	70,1
285	0,0	360	0,0	435	21,9	510	22,5	585	21,4	660	48,8	735	73,5
290	0,0	365	0,0	440	23,8	515	20,7	590	22,8	665	48,9	740	76,5
295	0,0	370	0,0	445	25,4	520	19,7	595	24,0	670	48,5	745	79,0
300	0,0	375	0,0	450	27,5	525	18,9	600	25,4	675	47,8	750	81,4
305	0,0	380	0,0	455	29,7	530	17,7	605	27,2	680	47,1	755	83,8
310	0,0	385	0,0	460	31,7	535	16,6	610	29,4	685	46,7	760	85,9
315	0,0	390	0,0	465	33,7	540	15,8	615	31,8	690	46,7	765	87,9
320	0,0	395	0,0	470	35,2	545	15,8	620	34,1	695	47,3	770	89,5
325	0,0	400	0,1	475	36,3	550	16,3	625	36,0	700	48,8	775	90,6
330	0,0	405	1,2	480	36,5	555	16,9	630	37,6	705	51,1	780	91,2
335	0,0	410	4,7	485	35,0	560	17,3	635	39,3	710	54,2		
340	0,0	415	9,3	490	32,4	565	17,4	640	41,2	715	58,0		
345	0,0	420	13,1	495	29,9	570	17,7	645	43,6	720	62,1		
350	0,0	425	15,9	500	27,5	575	18,6	650	45,9	725	66,3		

Notes: Reference point --> Geometrical centre