

# AMERICAN NATIONAL STANDARD ANSI Z80.3 - 2010

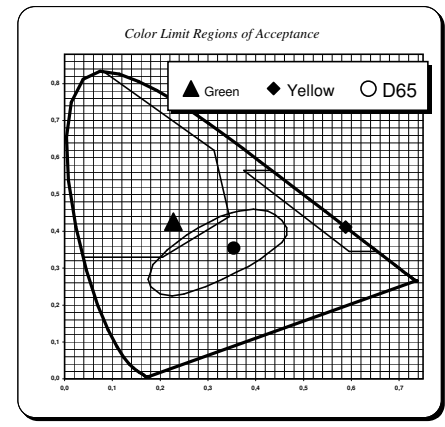
<b>Lumin. Tr.(Tv)</b>	<b>Centre</b>	<b>10mm Up</b>	<b>10mm Down</b>			
	20,6 %	13,6 %	32,7 %			
<b>Primary Funct.:</b>	<b>GENERAL PURPOSE LENS - MEDIUM DARK</b>					<b>RESULT:</b>
<b>Traffic Signal Transmit.:</b>						
<b>Yellow</b>	22,89 %	15,21 %	35,85 %	<b>Min&gt;</b>	6,00 %	<b>PASS</b>
<b>Red</b>	27,08 %	18,30 %	41,52 %	<b>Min&gt;</b>	8,00 %	<b>PASS</b>
<b>Green</b>	19,13 %	12,48 %	30,68 %	<b>Min&gt;</b>	6,00 %	<b>PASS</b>
<b>UV Range:</b>						
<b>Mean EUV 280-315</b>	0,00	<b>Tv</b>	0,00	<b>Tv</b>	0,00	<b>Max&gt;</b> 0,125 <b>Tv</b> <b>PASS</b>
<b>Mean NUV 315-380</b>	0,00	<b>Tv</b>	0,00	<b>Tv</b>	0,00	<b>Max&gt;</b> 1,000 <b>Tv</b> <b>PASS</b>
<b>Spectral Trasm. (475-650)</b>	0,77	<b>Tv</b>	0,79	<b>Tv</b>	0,83	<b>Tv</b> <b>Min&gt;</b> 0,200 <b>Tv</b> <b>PASS</b>
<b>Solar blue light trasmittance Tsb % (380-500) &gt;</b>	15,05					
<b>Color Limits:</b>				<b>Color Limits: X</b>	<b>Y</b>	
See Color Limit of acceptance on a CIE (1931) chrom. diag.				<b>Green</b>	0,227	0,426 <b>PASS</b>
				<b>Yellow</b>	0,588	0,411 <b>PASS</b>
				<b>D65</b>	0,354	0,354 <b>PASS</b>

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**TITLE** 8013+SDA  
**LOT. NUM.**  
**ORIGIN** JASCO  
**OPERATOR** PATRICK  
**DATE** 14/09/01  
**TIME** 14:16:46  
**SPECTROM** JASCO Corp., UV-530, Rev. 1.00  
**RESOLUTIC** 2 nm  
**DELTA** -0.5  
**FIRSTX** 780.0000  
**LASTX** 280.0000  
**NPOINTS** 1001  
**FIRSTY** 0.52781  
**MAXY** 0.52781  
**MINY** -0.00077

## ISO 12312\_12

<b>Tras. value (Tv)</b>	20,55 %				
<b>Filter Category:</b>	2				
<b>Description &gt;</b>	General Purpose sunglasses				
<b>Recognition of signal light and colours:</b>		<b>Incandescent signal light Centre</b>	<b>Incandescent signal light Up</b>	<b>Incandescent signal light Down</b>	
<b>Q Red--&gt;</b>	Min 0,80	1,22	1,25	1,19	<b>PASS</b>
<b>Q Yellow-&gt;</b>	Min 0,60	1,10	1,11	1,08	<b>PASS</b>
<b>Q Green-&gt;</b>	Min 0,60	0,95	0,95	0,96	<b>PASS</b>
<b>Q Blue--&gt;</b>	Min 0,60	0,88	0,86	0,89	<b>PASS</b>
<b>UV Range :</b>	Max				
<b>Solar UVB-trasm.280-315 (TSUVB)</b>	1,02 %	0 %	0 %	0 %	<b>PASS</b>
<b>Solar UVA-trasm.315-380 (TSUVA)</b>	10,27 %	0 %	0 %	0 %	<b>PASS</b>
<b>Solar blue-light 380-500 (Tsb)</b>		0,15 %	0 %	0 %	
<b>Solar UV-trasm. 280-380 (Tsu)</b>		0 %	0 %	0 %	
<b>Spectral Tras. (475-650)</b>	Min 0,2 Tv	0,77 Tv	0,75 Tv	0,79 Tv	<b>PASS</b>
<b>Driving in twilight or at night:</b>					<b>FAIL</b>
<b>Driving and road use:</b>					<b>PASS</b>



## Australian/New Zealand Standard AS/NZS 1067 - 2009

<b>Range of luminous trasmittance (Tv)</b>	<b>Centre</b>	<b>14mm Up</b>	<b>14mm Down</b>		
----->	20,6 %	13,5 %	32,6 %		
<b>Lens Category: &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;</b>	2				
<b>Descriptor</b> Sunglasses					
Medium sunglare reduction					
Good UV protection					
<b>VISIBLE SPECTRAL RANGE</b>					
<b>Recognition of signal light and colours:</b>		<b>Centre</b>	<b>10mm Up</b>	<b>10mm Down</b>	
<b>Q Red-----&gt;</b>	1,21	1,24	1,18	<b>Min&gt;</b> 0,80	<b>PASS</b>
<b>Q Yellow-----&gt;</b>	1,12	1,13	1,10	<b>Min&gt;</b> 0,80	<b>PASS</b>
<b>Q Green-----&gt;</b>	0,93	0,92	0,94	<b>Min&gt;</b> 0,60	<b>PASS</b>
<b>Q Blue-----&gt;</b>	0,94	0,93	0,94	<b>Min&gt;</b> 0,70	<b>PASS</b>
<b>Spectral trasmittance (450-650) (Tv)</b>	0,74	0,72	0,76	<b>Min&gt;</b> 0,20 Tv	<b>PASS</b>
<b>UV SPECTRAL RANGE</b>					
<b>Value of spectral trasm.(280-315) (Tv)</b>	0,00	0,00	0,00	<b>Max &gt;</b> 0,05 Tv	<b>PASS</b>
<b>Value of spectral trasm.(315-350) (Tv)</b>	0,00	0,00	0,00	<b>Max &gt;</b> Tv	<b>PASS</b>
<b>Solar UVA Trasmit. (315-400) (Tv)</b>	0,00	0,00	0,00	<b>Max &gt;</b> Tv	<b>PASS</b>
<b>Solar UVB (Tsu) (280-315) (T%)</b>	0,00	0,00	0,00		
<b>Solar UV (Tsu) (280-400) (T%)</b>	0,02	0,01	0,03		
<b>Solar blue-light (Tsb 400-500) (T%)</b>	15,05	9,61	24,63		

