

# AMERICAN NATIONAL STANDARD ANSI Z80.3 - 2010

<b>Lumin. Tr.(Tv)</b>	<b>Centre</b>	<b>10mm Up</b>	<b>10mm Down</b>			
	33,0 %	21,9 %	58,1 %			
<b>Primary Funct.:</b>	<b>GENERAL PURPOSE LENS - MEDIUM DARK</b>					<b>RESULT:</b>
<b>Traffic Signal Trasmitt.:</b>						
<b>Yellow</b>	30,03 %	19,18 %	55,72 %	Min>	6,00 %	<b>PASS</b>
<b>Red</b>	38,39 %	27,15 %	62,04 %	Min>	8,00 %	<b>PASS</b>
<b>Green</b>	35,00 %	23,76 %	59,78 %	Min>	6,00 %	<b>PASS</b>
<b>UV Range:</b>						
<b>Mean EUV 280-315</b>	0,00 Tv	0,00 Tv	0,00 Tv	Max>	0,125 Tv	<b>PASS</b>
<b>Mean NUV 315-380</b>	0,00 Tv	0,00 Tv	0,00 Tv	Max>	1,000 Tv	<b>PASS</b>
<b>Spectral Trasm. (475-650)</b>	0,76 Tv	0,67 Tv	0,89 Tv	Min>	0,200 Tv	<b>PASS</b>
<b>Solar blue light transmittance Tsb % (380-500) &gt;</b>	<b>39,39</b>					
<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>	0,183	0,367
				<b>Yellow</b>	0,587	0,412
				<b>D65</b>	0,282	0,301

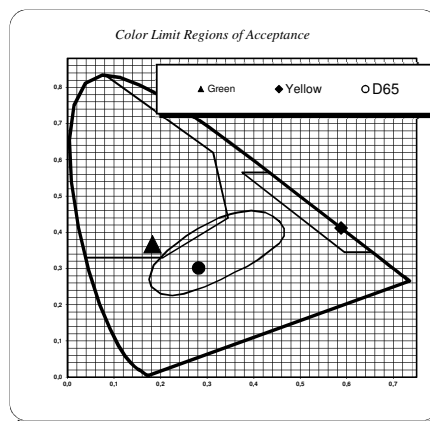
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Vers. 5,06

**TITLE** CR.3956 9.11.17  
**LOT. NUM.**  
**ORIGIN** JASCO  
**OPERATOR** PIER  
**DATE** 24/11/2017  
**TIME** 11:37:12  
**SPECTROM** V-730 sn A007761798  
**RESOLUTIC** 2 nm  
**DELTA** -0.5  
**FIRSTX** 780.0000  
**LASTX** 280.0000  
**NPOINTS** 1001  
**FIRSTY** 94.23452  
**MAXY** 94.23452  
**MINY** -0.24213

## ISO 12312-1:2013

<b>Tras. value (Tv)</b>	<b>Centre</b>	<b>10mm Up</b>	<b>10mm Down</b>		
	33,06 %	21,98 %	58,18 %		
<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	1,02	1,03	1,00	<b>PASS</b>
<b>Q Yellow-&gt;</b>	Min 0,60	0,93	0,90	0,97	<b>PASS</b>
<b>Q Green-&gt;</b>	Min 0,60	1,02	1,03	1,01	<b>PASS</b>
<b>Q Blue-&gt;</b>	Min 0,60	1,27	1,39	1,11	<b>PASS</b>
<b>UV Range :</b>	Max				
<b>Solar UVB-trasm.280-315 (TSUVB)</b>	1,65 %	0 %	0,00	0,00 %	<b>PASS</b>
<b>Solar UVA-trasm.315-380 (TSUVA)</b>	16,53 %	0 %	0,00	0,00 %	<b>PASS</b>
<b>Solar blue-light 380-500 (Tsb)</b>		0,39 %			
<b>Solar UV-trasm. 280-380 (TsuV)</b>		0 %			
<b>Spectral Tras. (475-650)</b>	Min 0,2 Tv	0,75 Tv	0,67 Tv	0,88 Tv	<b>PASS</b>
<b>Driving in twilight or at night:</b>					<b>FAIL</b>
<b>Driving and road use:</b>					<b>PASS</b>



Not Suitable for driving at night or under condition of dull light

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

<b>Range of luminous transmittance (Tv)</b>	<b>Centre</b>	<b>14mm Up</b>	<b>14mm Down</b>		
	33,1 %	22,0 %	58,2 %		
<b>Lens Category:</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>	1,00	1,00	1,00	Min> 0,80	<b>PASS</b>
<b>Q Yellow-----&gt;</b>	0,91	0,88	0,96	Min> 0,80	<b>PASS</b>
<b>Q Green-----&gt;</b>	1,06	1,08	1,03	Min> 0,60	<b>PASS</b>
<b>Q Blue-----&gt;</b>	1,25	1,36	1,10	Min> 0,70	<b>PASS</b>

**Spectral transmittance (450-650) (Tv)**      0,76      0,67      0,88      **Min> 0.20 Tv** **PASS**

### UV SPECTRAL RANGE

<b>Value of spectral trasm.(280-315) (Tv)</b>	0,00	0,00	0,00	Max > 0,05 Tv	<b>PASS</b>
<b>Value of spectral trasm.(315-350) (Tv)</b>	0,00	0,00	0,00	Max > Tv	<b>PASS</b>
<b>Solar UVA Trasmitt. (315-400) (Tv)</b>	0,00	0,00	0,00	Max > Tv	<b>PASS</b>
<b>Solar UVB (TsuVb 280-315) (T%)</b>	0,00	0,00	0,00		
<b>Solar UV (TsuV 280-400) (T%)</b>	0,00	0,00	0,00		
<b>Solar blue-light (Tsb 400-500) (T%)</b>	39,48	29,29	59,16		

