

# AMERICAN NATIONAL STANDARD

## ANSI Z80.3 - 2009

<b>Lumin. Tr.(Tv)</b>	<b>Centre</b>	<b>10mm Up</b>	<b>10mm Down</b>			
	24.3 %	12.1 %	44.9 %			
<b>Primary Funct.:</b>	<b>GENERAL PURPOSE LENS - MEDIUM DARK</b>			<b>RESULT:</b>		
<b>Traffic Signal Trasmitt.:</b>						
<b>Yellow</b>	21.47 %	9.96 %	42.21 %	<b>Min&gt;</b>	6.00 %	<b>PASS</b>
<b>Red</b>	26.06 %	14.21 %	46.46 %	<b>Min&gt;</b>	8.00 %	<b>PASS</b>
<b>Green</b>	26.13 %	13.44 %	46.62 %	<b>Min&gt;</b>	6.00 %	<b>PASS</b>
<b>UV Range:</b>						
<b>Mean EUV 280-315</b>	0.00 Tv	0.00 Tv	0.00 Tv	<b>Max&gt;</b>	0.125 Tv	<b>PASS</b>
<b>Mean NUV 315-380</b>	0.00 Tv	0.00 Tv	0.00 Tv	<b>Max&gt;</b>	1.000 Tv	<b>PASS</b>
<b>Spectral Trasm. (475-650)</b>	0.80 Tv	0.69 Tv	0.89 Tv	<b>Min&gt;</b>	0.200 Tv	<b>PASS</b>
<b>Solar blue light trasmittance Tsb % (380-500) &gt;</b>	<b>29.37</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>	0.177 0.367	<b>PASS</b>
				<b>Yellow</b>	0.586 0.412	<b>PASS</b>
				<b>D65</b>	0.277 0.305	<b>PASS</b>

Ver. 4.00

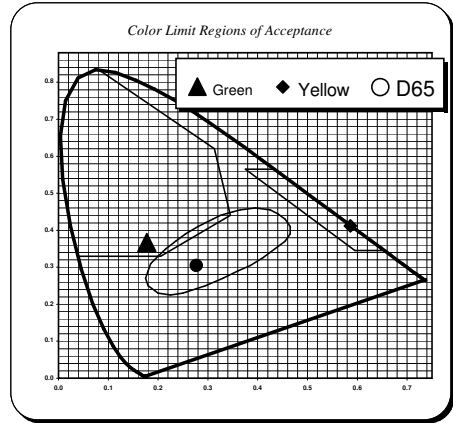
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<b>TITLE</b>	NY.443
<b>LOT. NUM.</b>	
<b>ORIGIN</b>	JASCO
<b>OPERATOR</b>	PATRICK
<b>DATE</b>	12/07/26
<b>TIME</b>	14:19:49
<b>SPECTROM</b>	JASCO Corp., UV-530, Rev. 1.00
<b>RESOLUTIC</b>	2 nm
<b>DELTA X</b>	-0.5
<b>FIRSTX</b>	780.0000
<b>LASTX</b>	280.0000
<b>NPOINTS</b>	1001
<b>FIRSTY</b>	0.93477
<b>MAXY</b>	0.93723
<b>MINY</b>	-0.00026

# EUROPEAN STANDARD

## EN 1836 : 2005/A:2007

<b>Tras. value (Tv)</b>	<b>Centre</b>	<b>10mm Up</b>	<b>10mm Down</b>			
	24.4 %	12.1 %	44.9 %			
<b>Filter Category:</b>	<b>2</b>			<b>RESULT:</b>		
<b>Description &gt;</b>	<b>MEDIUM TINT</b>					
<b>Recognition of signal light and colours:</b>						
<b>Q Red</b>	0.96	0.96	0.98	<b>Min&gt;</b>	0.80	<b>PASS</b>
<b>Q Yellow</b>	0.89	0.83	0.94	<b>Min&gt;</b>	0.80	<b>PASS</b>
<b>Q Green</b>	1.07	1.10	1.04	<b>Min&gt;</b>	0.60	<b>PASS</b>
<b>Q Blue</b>	1.32	1.57	1.15	<b>Min&gt;</b>	0.40	<b>PASS</b>
<b>UV Range :</b>						
<b>TmaxUVB(280-315)</b>	0.00 T%	0.01 T%	0.00 T%	<b>Max&gt;</b>	2.44	<b>PASS</b>
<b>TmaxUVA(315-350)</b>	0.00 T%	0.01 T%	0.00 T%	<b>Max&gt;</b>	24.36	<b>PASS</b>
<b>TmeanUVA(315-380)</b>	0.03 T%	0.02 T%	0.06 T%	<b>Max&gt;</b>	24.36	<b>PASS</b>
<b>Tsuvb(280-315)</b>	0.00 T%	0.01 T%	0.00 T%			
<b>Tsuv(280-380)</b>	0.01 T%	0.01 T%	0.02 T%			
<b>BlueLightTsb(380-500)</b>	27.88 T%	15.22 T%	46.25 T%			
<b>Spectral Tras. (500-650)</b>	0.80 Tv	0.69 Tv	0.89 Tv	<b>Min&gt;</b>	0.20	<b>PASS</b>



NOT FOR DIRECT VIEWING OF THE SUN

# Australian/New Zealand Standard

## AS/NZS 1067 - 2003

<b>Range of luminous trasmittance (Tv)</b>	<b>Centre</b>	<b>14mm Up</b>	<b>14mm Down</b>		
	24.4 %	12.1 %	44.9 %		
<b>Lens Category: &gt;&gt;&gt;&gt;&gt;&gt;&gt;</b>	<b>2</b>				
<b>Description:</b>	Sunglasses Medium sunglare reduction Good UV protection				
<b>VISIBLE SPECTRAL RANGE</b>					
<b>Recognition of signal light and colours:</b>					
<b>Q Red</b>	0.96	0.96	0.98	<b>Min&gt;</b>	0.80 <b>PASS</b>
<b>Q Yellow</b>	0.89	0.83	0.94	<b>Min&gt;</b>	0.80 <b>PASS</b>
<b>Q Green</b>	1.07	1.10	1.04	<b>Min&gt;</b>	0.60 <b>PASS</b>
<b>Q Blue</b>	1.32	1.57	1.15	<b>Min&gt;</b>	0.70 <b>PASS</b>
<b>Spectral trasmittance (450-650) (Tv)</b>	0.80	0.69	0.89	<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 Trasmitt. (315-400) (Tv)</b>	0.00	0.00	0.00	<b>Max &gt;</b>	Tv <b>PASS</b>
<b>Solar UVB (Tsuvb 280-315) (T%)</b>	0.00	0.01	0.00		
<b>Solar UV (Tsuv 280-400) (T%)</b>	0.03	0.02	0.05		
<b>Solar blue-light (Tsb 400-500) (T%)</b>	29.48	16.37	48.29		

