

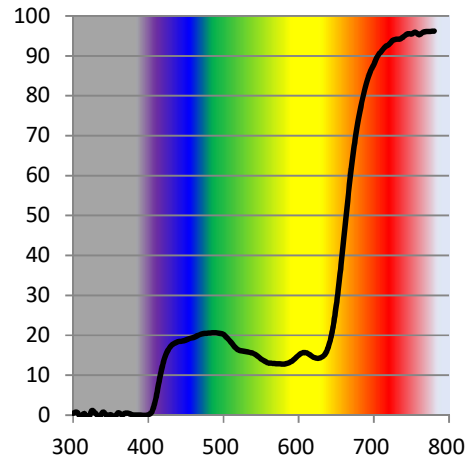
Sample: CR-39.LENS.SLD GRAY_2325/15.B4 76mm 1.9mm.MIR-DL BLUE.IT

Date: 11/11/2020

ISO 12312-1 2013

Luminous Transmittance (Tv):	15.7%
Filter Category:	3 General Purpose
Tmax UVB (280-315nm):	0.8% Pass
Tsuvb UVB (280-315nm):	0.2% Pass
Tmax UVA (315-350nm):	1.2% Pass
Tsuva UVA (315-380nm):	0.2% Pass
Tsuv UV (280-380nm):	0.2%
Tsb Blue Light (380-500nm):	17.6%
Tmin (475-650nm):	0.81 Tv Pass
RECOGNITION OF SIGNAL LIGHTS	
Red "Q" Factor:	1.28 Pass
Yellow "Q" Factor:	1.01 Pass
Green "Q" Factor:	0.98 Pass
Blue "Q" Factor:	1.26 Pass

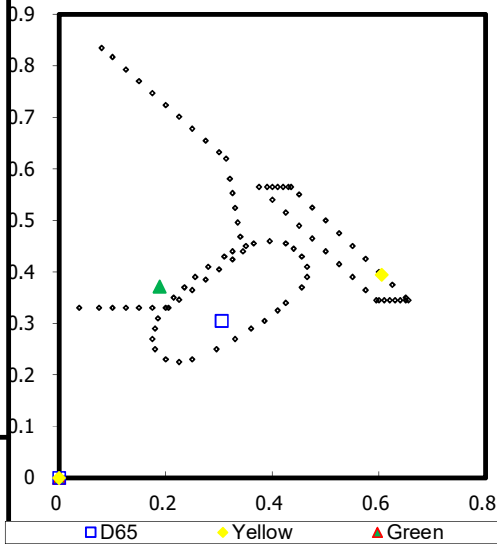
SUMMARY: Pass



AMERICAN STANDARD ANSI Z80.3-2015

Luminous Transmittance (Tv):	15.7%	General Purpose
Mean E.U.V. Transmitt. (290-315nm)	0.1%	Pass
Mean N.U.V. Transmitt. (315-380nm)	0.2%	Pass
Tmin (475-650nm):	0.81 Tv	Pass
TRAFFIC SIGNALS TRANSMITTANCE		
Red:	24.66%	Pass
Yellow:	15.67%	Pass
Green:	15.79%	Pass
COLOR LIMIT		
	x	y
D65:	0.305	0.305 Pass
Yellow:	0.605	0.394 Pass
Green:	0.189	0.371 Pass

SUMMARY: Pass



AUSTRALIAN STANDARD AS 1067-2016

Luminous Transmittance (Tv):	15.7%
Filter Category:	3 Dark tint
Tmax UVB (280-315nm):	0.8% Pass
Tsuvb UVB (280-315nm):	0.2%
Tmax UVA (315-350nm):	1.2% Pass
Tsuva UVA (315-400nm):	0.2% Pass
Tsuv UV (280-400nm):	0.2%
Tsb Blue Light (380-500nm):	17.6%
Tmin (475-650nm):	0.81 Tv Pass
RECOGNITION OF SIGNAL LIGHTS	
Red "Q" Factor:	1.28 Pass
Yellow "Q" Factor:	1.01 Pass
Green "Q" Factor:	0.98 Pass
Blue "Q" Factor:	1.26 Pass

SUMMARY: Pass

Summary

ISO12312-1:2013

Filter category **3** **General Purpose**
Result **Pass**

ANSI Z80.3:2015

Use General Purpose **Pass**

AS1067-2016

Use Dark tint **Pass**

The above information is not to be taken as representations or warranties of performance or results.
Should a customer require any warranty for lens performance, a written request must be addressed to us. Subject to change without notice.

Additional data

LED SIGNAL	Color Parameters		
Red "Q" Factor:	1.06	Tv	15.7%
Yellow "Q" Factor:	0.86	L*	46.56
Green "Q" Factor:	1.16	a*	4.78
Blue "Q" Factor:	1.25	b*	-6.02