

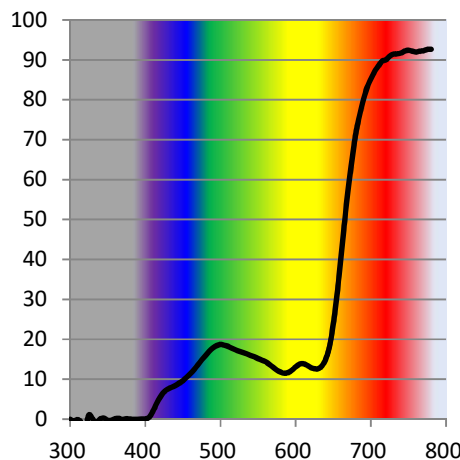
Sample: CR-39.LENS.SLD GREEN_2603/10.B4 76mm 1.9mm.IT

Date: 11/11/2020

ISO 12312-1 2013

Luminous Transmittance (Tv):	15.2%
Filter Category:	3 General Purpose
Tmax UVB (280-315nm):	0.2% Pass
Tsuvb UVB (280-315nm):	-0.4% Pass
Tmax UVA (315-350nm):	1.1% Pass
Tsuva UVA (315-380nm):	-0.3% Pass
Tsuv UV (280-380nm):	-0.3%
Tsb Blue Light (380-500nm):	10.1%
Tmin (475-650nm):	0.76 Tv Pass
RECOGNITION OF SIGNAL LIGHTS	
Red "Q" Factor:	1.18 Pass
Yellow "Q" Factor:	0.99 Pass
Green "Q" Factor:	1.03 Pass
Blue "Q" Factor:	1.16 Pass

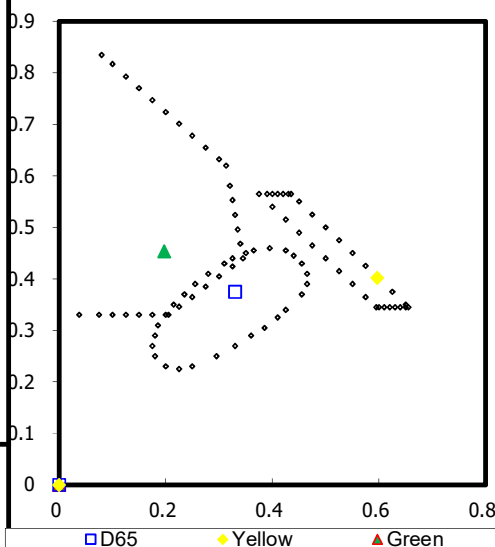
SUMMARY: Pass



AMERICAN STANDARD ANSI Z80.3-2015

Luminous Transmittance (Tv):	15.2%	General Purpose
Mean E.U.V. Transmitt. (290-315nm)	-0.2%	Pass
Mean N.U.V. Transmitt. (315-380nm)	-0.4%	Pass
Tmin (475-650nm):	0.77 Tv	Pass
TRAFFIC SIGNALS TRANSMITTANCE		
Red:	22.19%	Pass
Yellow:	14.79%	Pass
Green:	15.78%	Pass
COLOR LIMIT		
	x	y
D65:	0.330	0.375 Pass
Yellow:	0.597	0.402 Pass
Green:	0.197	0.453 Pass

SUMMARY: Pass



AUSTRALIAN STANDARD AS 1067-2016

Luminous Transmittance (Tv):	15.2%
Filter Category:	3 Dark tint
Tmax UVB (280-315nm):	0.2% Pass
Tsuvb UVB (280-315nm):	-0.4%
Tmax UVA (315-350nm):	1.1% Pass
Tsuva UVA (315-400nm):	-0.3% Pass
Tsuv UV (280-400nm):	-0.3%
Tsb Blue Light (380-500nm):	10.1%
Tmin (475-650nm):	0.64 Tv Pass
RECOGNITION OF SIGNAL LIGHTS	
Red "Q" Factor:	1.18 Pass
Yellow "Q" Factor:	0.99 Pass
Green "Q" Factor:	1.03 Pass
Blue "Q" Factor:	1.16 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:	0.96	Tv	15.2%
Yellow "Q" Factor:	0.80	L*	45.89
Green "Q" Factor:	1.15	a*	-6.65
Blue "Q" Factor:	0.91	b*	10.90