

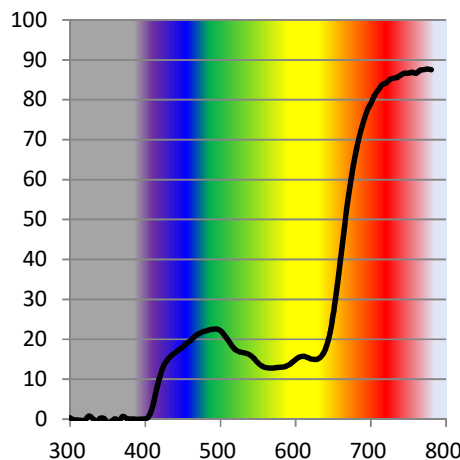
Sample: CR-39.LENS.SLD GRAY_2325/15 .MIR-FLASH SILVER.IT

Date: 11/11/2020

ISO 12312-1 2013

Luminous Transmittance (Tv):	16.1%
Filter Category:	3 General Purpose
Tmax UVB (280-315nm):	0.6% Pass
Tsuvb UVB (280-315nm):	-0.2% Pass
Tmax UVA (315-350nm):	0.8% Pass
Tsuva UVA (315-380nm):	-0.1% Pass
Tsuv UV (280-380nm):	-0.1%
Tsb Blue Light (380-500nm):	17.1%
Tmin (475-650nm):	0.80 Tv Pass
RECOGNITION OF SIGNAL LIGHTS	
Red "Q" Factor:	1.22 Pass
Yellow "Q" Factor:	0.99 Pass
Green "Q" Factor:	0.99 Pass
Blue "Q" Factor:	1.28 Pass

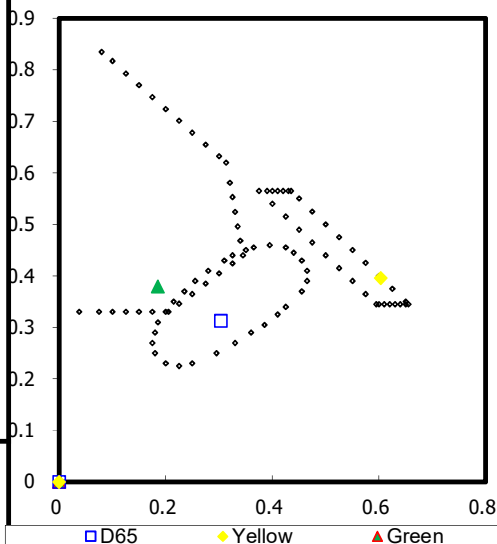
SUMMARY: Pass



AMERICAN STANDARD ANSI Z80.3-2015

Luminous Transmittance (Tv):	16.1%	General Purpose
Mean E.U.V. Transmitt. (290-315nm)	0.0%	Pass
Mean N.U.V. Transmitt. (315-380nm)	0.0%	Pass
Tmin (475-650nm):	0.80 Tv	Pass
TRAFFIC SIGNALS TRANSMITTANCE		
Red:	23.87%	Pass
Yellow:	15.60%	Pass
Green:	16.44%	Pass
COLOR LIMIT		
	x	y
D65:	0.303	0.313
Yellow:	0.603	0.396
Green:	0.186	0.379

SUMMARY: Pass



AUSTRALIAN STANDARD AS 1067-2016

Luminous Transmittance (Tv):	16.1%
Filter Category:	3 Dark tint
Tmax UVB (280-315nm):	0.6% Pass
Tsuvb UVB (280-315nm):	-0.2%
Tmax UVA (315-350nm):	0.8% Pass
Tsuva UVA (315-400nm):	-0.1% Pass
Tsuv UV (280-400nm):	-0.1%
Tsb Blue Light (380-500nm):	17.1%
Tmin (475-650nm):	0.80 Tv Pass
RECOGNITION OF SIGNAL LIGHTS	
Red "Q" Factor:	1.22 Pass
Yellow "Q" Factor:	0.99 Pass
Green "Q" Factor:	0.99 Pass
Blue "Q" Factor:	1.28 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	16.1%
Yellow "Q" Factor:	0.85	L*	47.06
Green "Q" Factor:	1.22	a*	1.75
Blue "Q" Factor:	1.27	b*	-4.47