S12S

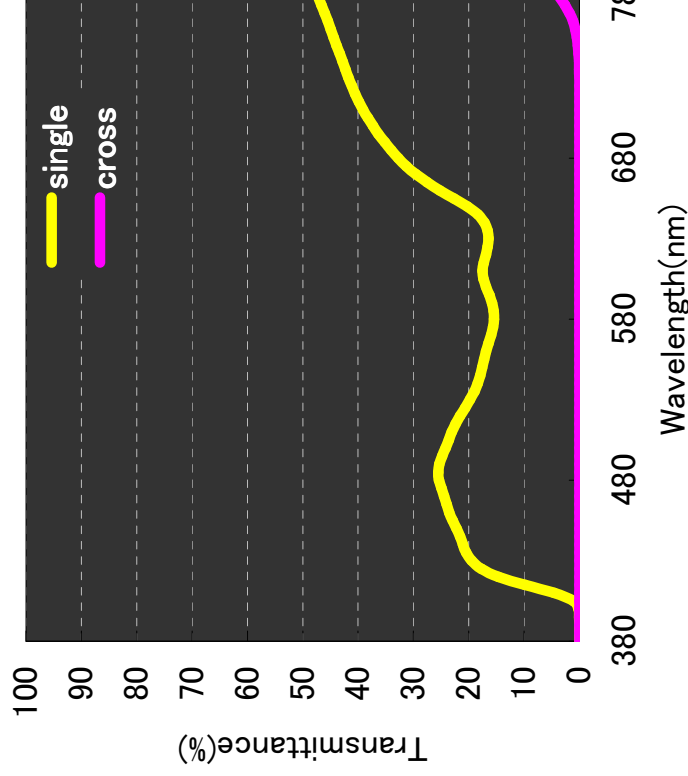| Representative Value		
Lens Categoly	3	
Transmittance	12.1	%
Polarization Efficiency	99.93	%
Hue a	-2.0	
Hue b	-4.8	
Transmittance at 400nm	0.10	%
Haze		%
Traffic Signal Detection Qred	1.001	>0.8
Traffic Signal Detection Qyellow	0.905	>0.8
Traffic Signal Detection Qgreen	1.065	>0.6
Traffic Signal Detection Qblue	1.288	>0.7

This chart is for reference only and is not guaranteed.

single
cross

Transmittance(%)

Wavelength(nm)

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S20S

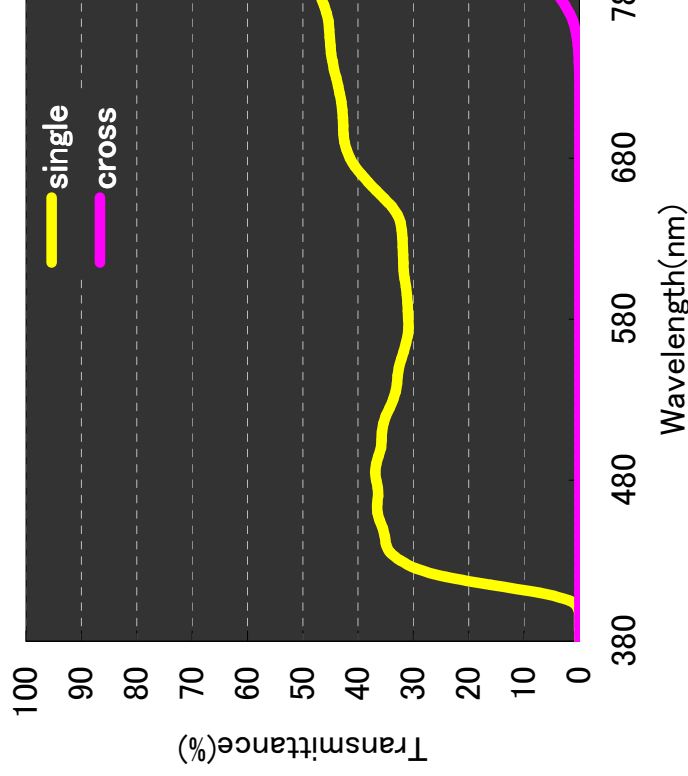| Representative Value		
Lens Categoly	2	
Transmittance	19.0	%
Polarization Efficiency	99.95	%
Hue	a	−1.8
	b	−5.4
Transmittance at 400nm	0.15	%
Haze	1.4	%
Traffic	Qred	0.977 >0.8
Signal	Qyellow	0.923 >0.8
Detection	Qgreen	1.050 >0.6
	Qblue	1.190 >0.7

This chart is for reference only
and is not guaranteed.

Transmittance(%)

Wavelength(nm)

single
cross

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S32S

Representative Value			
Lens Categoly		2	
Transmittance		32.7	%
Polarization Efficiency		99.90	%
Hue	a	−1.3	
	b	−2.0	
Transmittance at 400nm		0.21	%
Haze		1.5	%
Traffic	Qred	0.990	>0.8
Signal	Qyellow	0.970	>0.8
Detection	Qgreen	1.020	>0.6
	Qblue	1.069	>0.7

This chart is for reference only
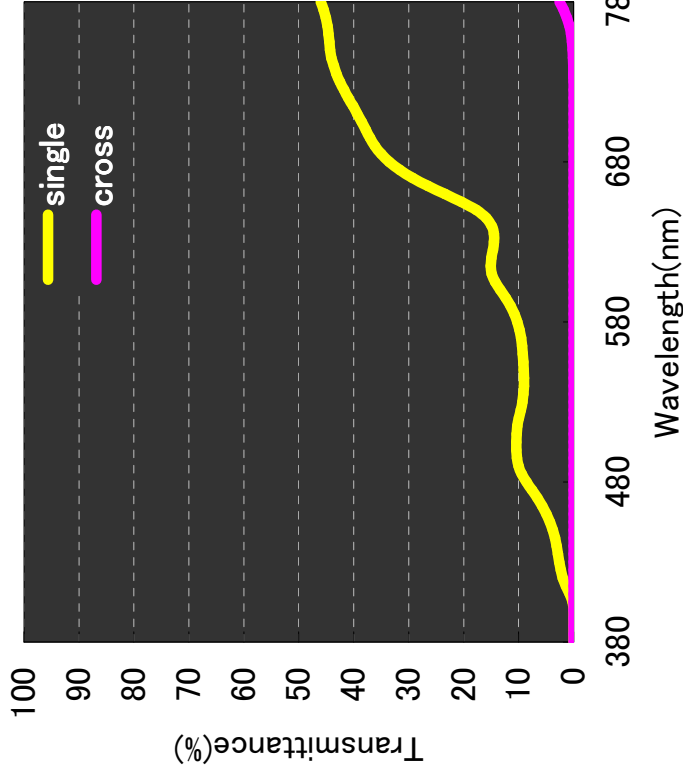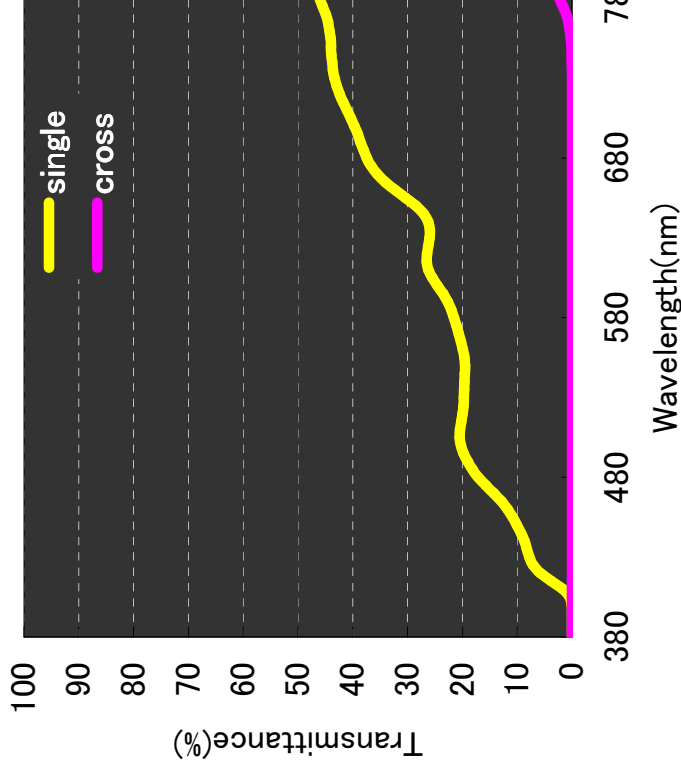and is not guaranteed.

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- single
- cross

Wavelength(nm)

Transmittance(%)

B12S

Representative Value				
Lens Categoly			3	
Transmittance			11.0	%
Polarization Efficiency			99.97	%
Hue	a		2.5	
	b		12.9	
Transmittance at 400nm			0.02	%
Haze			1.3	%
Traffic	Qred		1.482	>0.8
Signal	Qyellow		1.171	>0.8
Detection	Qgreen		0.900	>0.6
	Qblue		1.024	>0.7

This chart is for reference only
and is not guaranteed.

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B20S

Representative Value		
Lens Categoly	2	
Transmittance	21.8	%
Polarization Efficiency	99.95	%
Hue a	−0.3	
b	14.5	
Transmittance at 400nm	0.06	%
Haze	1.1	%
Traffic	Qred	1.252	>0.8
Signal	Qyellow	1.101	>0.8
	Qgreen	0.942	>0.6
Detection	Qblue	0.966	>0.7

This chart is for reference only
and is not guaranteed.

Transmittance(%) vs Wavelength(nm)

single
cross

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B32S

Representative Value

Lens Categoly		2	
Transmittance		32.5	%
Polarization Efficiency		99.93	%
Hue	a	1.0	
	b	19.1	
Transmittance at 400nm		0.10	%
Haze		1.3	%
Traffic	Qred	1.257	>0.8
Signal	Qyellow	1.128	>0.8
	Qgreen	0.922	>0.6
Detection	Qblue	0.896	>0.7

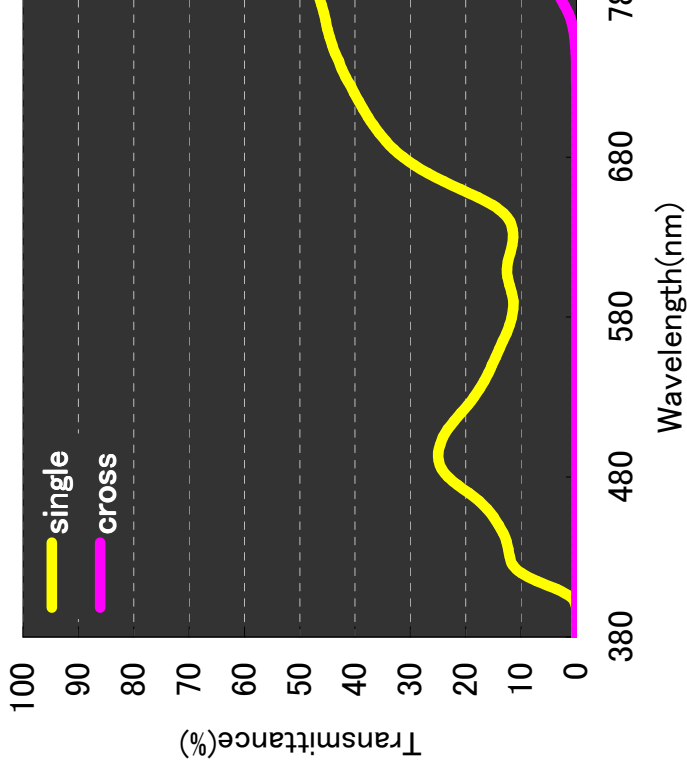This chart is for reference only
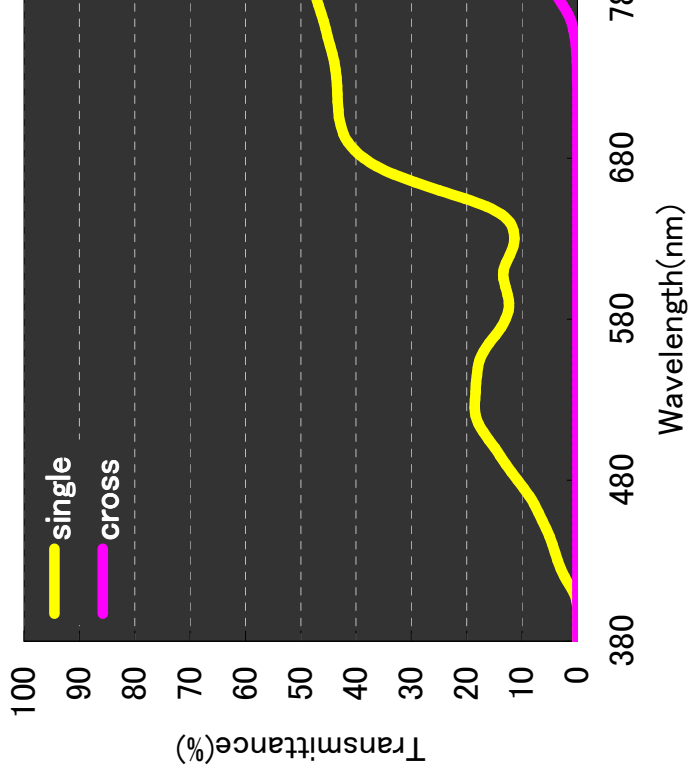and is not guaranteed.

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Transmittance(%) vs Wavelength(nm)

single
cross

G15S

Representative Value

Lens Categoly		3	
Transmittance		15.8	%
Polarization Efficiency		99.90	%
Hue	a	-9.9	
	b	-0.1	
Transmittance at 400nm		0.12	%
Haze			%
Traffic	Qred	0.840	>0.8
Signal	Qyellow	0.832	>0.8
Detection	Qgreen	1.122	>0.6
	Qblue	1.287	>0.7

This chart is for reference only
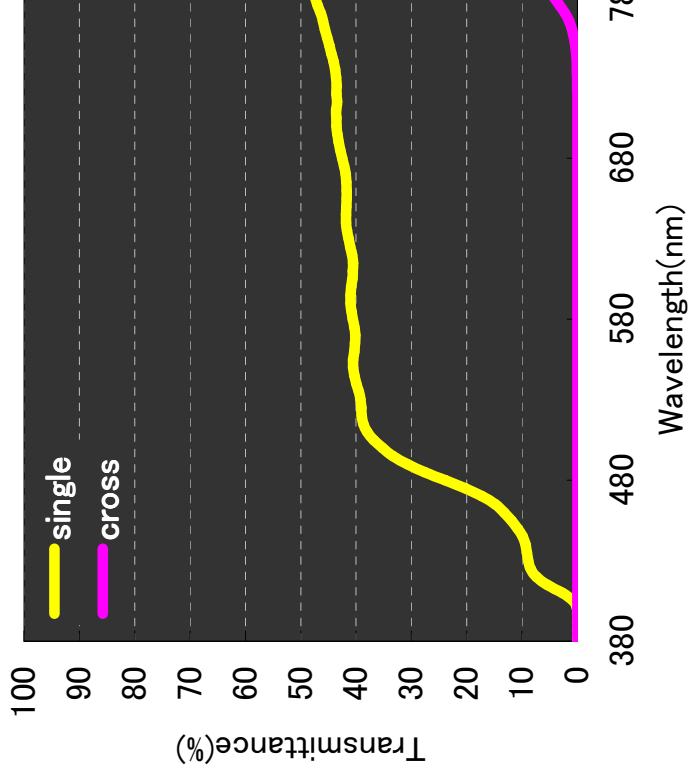and is not guaranteed.

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single
cross

Transmittance(%)

Wavelength(nm)

RG16S

Representative Value			
Lens Categoly		3	
Transmittance		15.9	%
Polarization Efficiency		99.87	%
Hue	a	−9.7	
	b	14.6	
Transmittance at 400nm		0.02	%
Haze		1.7	%
Traffic	Qred	0.984	>0.8
Signal	Qyellow	0.973	>0.8
Detection	Qgreen	1.050	>0.6
	Qblue	1.051	>0.7

This chart is for reference only
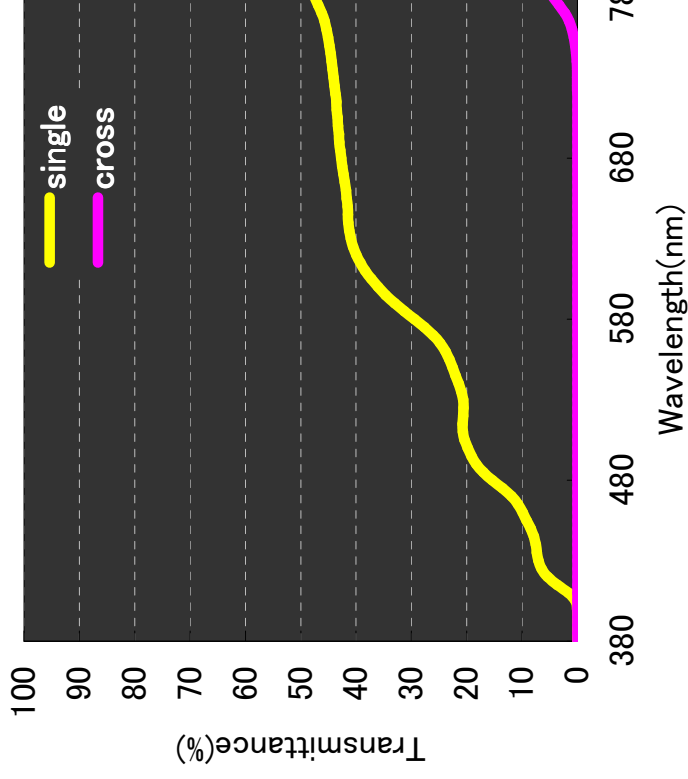and is not guaranteed.

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Transmittance(%) vs Wavelength(nm)

single
cross

Y4OS

Representative Value		
Lens Categoly	2	
Transmittance	38.8	%
Polarization Efficiency	99.96	%
Hue a	−10.8	
Hue b	27.4	
Transmittance at 400nm	0.06	%
Haze	1.3	%
Traffic Signal Detection Qred	1.057	>0.8
Traffic Signal Detection Qyellow	1.047	>0.8
Traffic Signal Detection Qgreen	0.989	>0.6
Traffic Signal Detection Qblue	0.904	>0.7

This chart is for reference only
and is not guaranteed.

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single
cross

Transmittance(%)

100 90 80 70 60 50 40 30 20 10 0

380 480 580 680 780

Wavelength(nm)

A25S

Representative Value			
Lens Categoly		2	
Transmittance		26.9	%
Polarization Efficiency		99.95	%
Hue	a	7.8	
	b	22.2	
Transmittance at 400nm		0.20	%
Haze		1.5	%
Traffic	Qred	1.502	>0.8
Signal	Qyellow	1.241	>0.8
Detection	Qgreen	0.844	>0.6
	Qblue	0.829	>0.7

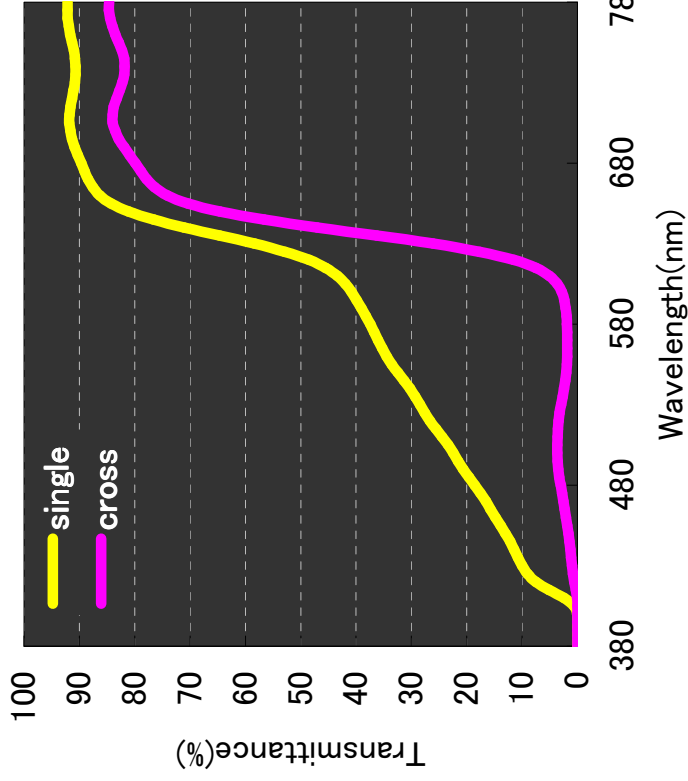This chart is for reference only
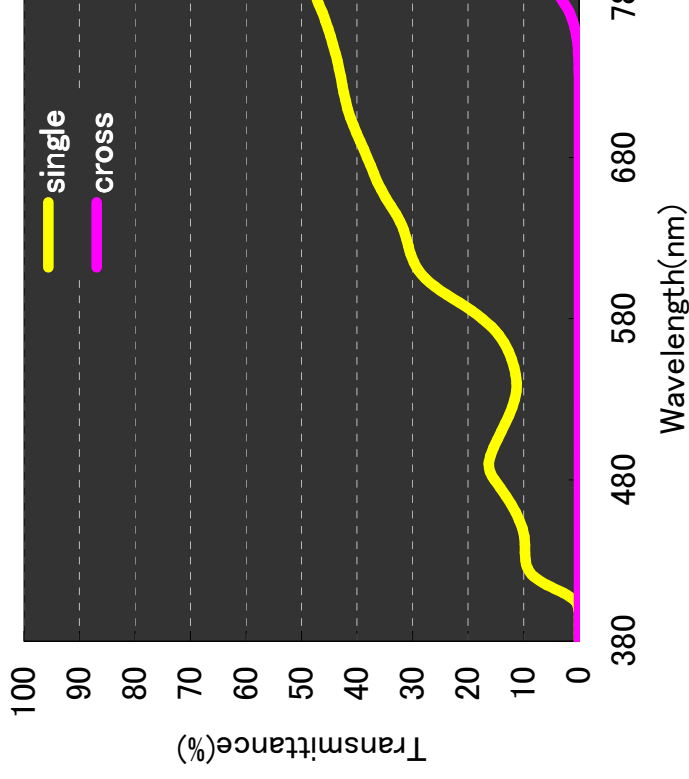and is not guaranteed.

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Transmittance(%) vs Wavelength(nm)
- single
- cross

A35P

Representative Value		
Lens Categoly	2	
Transmittance	34.4	%
Polarization Efficiency	75.83	%
Hue a	10.6	
b	22.7	
Transmittance at 400nm	0.39	%
Haze	1.5	%
Traffic	Qred	1.576	>0.8
Signal	Qyellow	1.237	>0.8
Detection	Qgreen	0.861	>0.6
	Qblue	0.927	>0.7

This chart is for reference only
and is not guaranteed.

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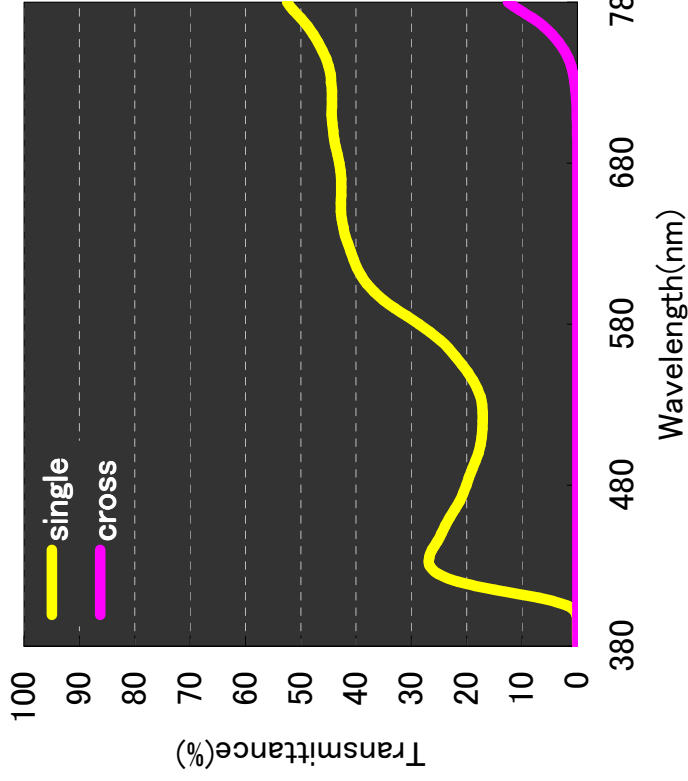Transmittance(%) vs Wavelength(nm)

- single
- cross

R17S

Representative Value		
Lens Categoly	3	
Transmittance	16.9	%
Polarization Efficiency	99.97	%
Hue a	15.4	
Hue b	8.5	
Transmittance at 400nm	0.09	%
Haze	1.3	%
Traffic	Qred	1.774	>0.8
Signal	Qyellow	1.284	>0.8
Detection	Qgreen	0.801	>0.6
	Qblue	0.957	>0.7

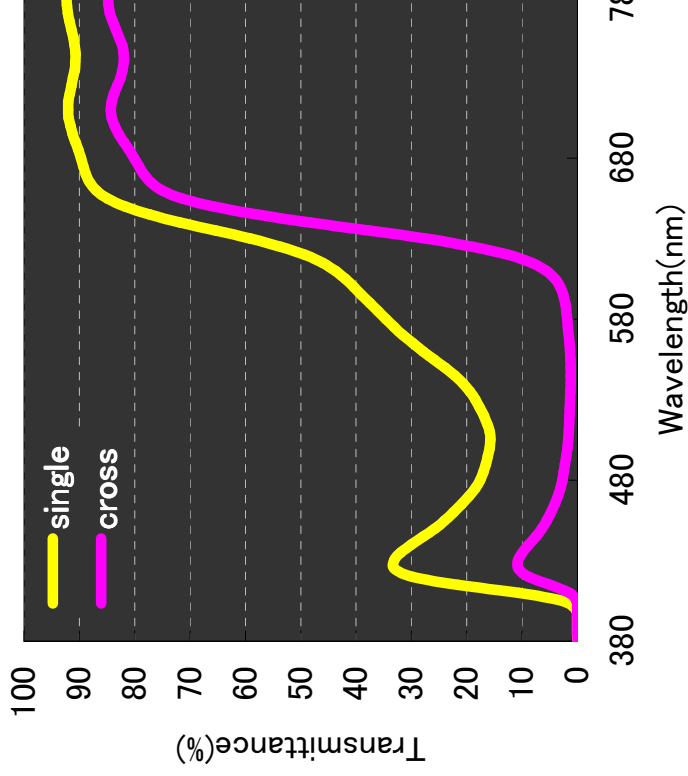This chart is for reference only
and is not guaranteed.

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R25S

Representative Value		
Lens Categoly	2	
Transmittance	25.0	%
Polarization Efficiency	99.98	%
Hue a	20.4	
b	2.8	
Transmittance at 400nm	0.22	%
Haze		%
Traffic Qred	1.594	>0.8
Signal Qyellow	1.267	>0.8
Detection Qgreen	0.808	>0.6
Qblue	0.875	>0.7

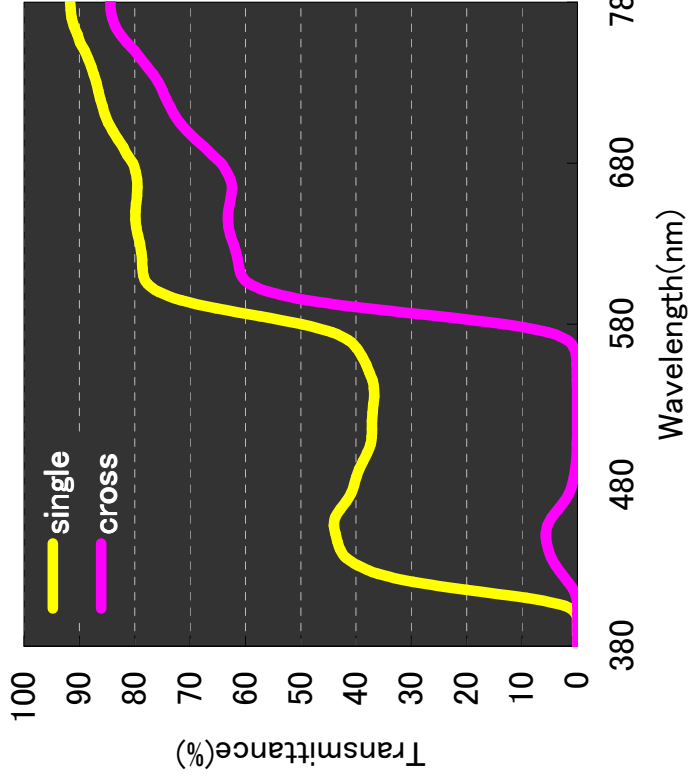This chart is for reference only
and is not guaranteed.

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R3OP

Representative Value			
Lens Categoly		2	
Transmittance		28.9	%
Polarization Efficiency		71.17	%
Hue	a	31.4	
	b	7.1	
Transmittance at 400nm		1.53	%
Haze		1.4	%
Traffic	Qred	1.914	>0.8
Signal	Qyellow	1.404	>0.8
Detection	Qgreen	0.732	>0.6
	Qblue	0.867	>0.7

This chart is for reference only
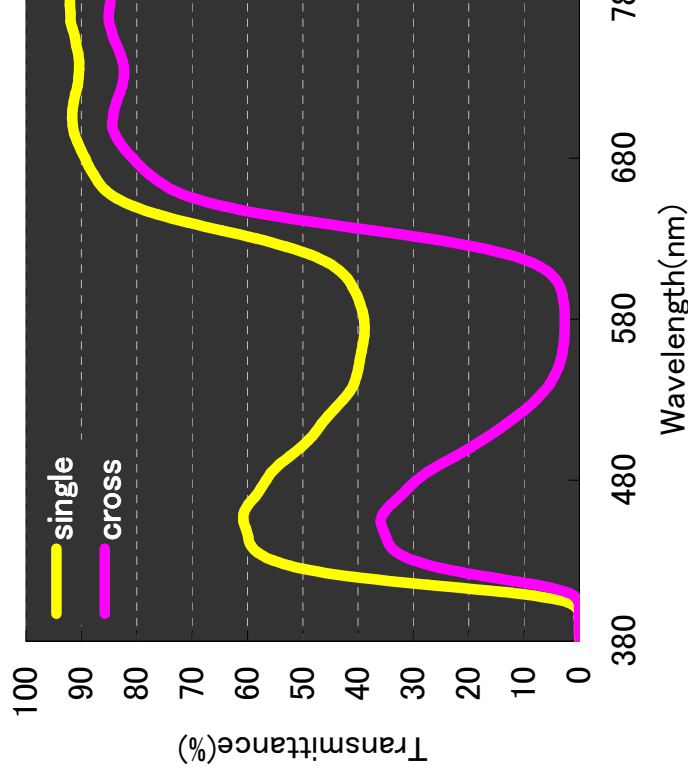and is not guaranteed.

Transmittance(%)

Wavelength(nm)

single
cross

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R5OR

Representative Value			
Lens Categoly		1	
Transmittance		48.3	%
Polarization Efficiency		65.50	%
Hue	a	24.6	
	b	7.7	
Transmittance at 400nm		0.27	%
Haze			%
Traffic	Qred	1.610	>0.8
Signal	Qyellow	1.241	>0.8
Detection	Qgreen	0.827	>0.6
	Qblue	0.905	>0.7

This chart is for reference only
and is not guaranteed.

Wavelength(nm)

Transmittance(%)

- single
- cross

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P45P

Representative Value		
Lens Categoly	1	
Transmittance	44.3	%
Polarization Efficiency	71.54	%
Hue a	11.3	
Hue b	-12.6	
Transmittance at 400nm	0.34	%
Haze		%
Traffic	Qred	1.218 >0.8
Signal	Qyellow	1.024 >0.8
Detection	Qgreen	0.981 >0.6
	Qblue	1.157 >0.7

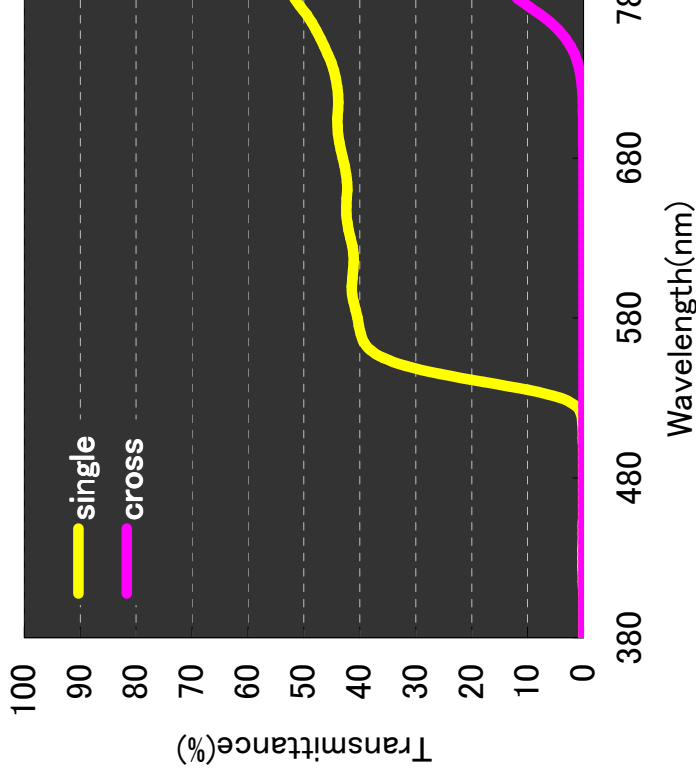This chart is for reference only
and is not guaranteed.

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Chart: Transmittance(%) vs Wavelength(nm)
- single (yellow)
- cross (magenta)

Y-axis: Transmittance(%) 0–100
X-axis: Wavelength(nm) 380, 480, 580, 680, 780

RA56

Representative Value			
Lens Categoly		1	
Transmittance		56.3	%
Polarization Efficiency		–	%
Hue	a	24.7	
	b	52.3	
Transmittance at 400nm		0.00	%
Haze			%
Traffic Signal Detection	Qred	1.634	>0.8
	Qyellow	1.530	>0.8
	Qgreen	0.648	>0.6
	Qblue	0.423	>0.7

Transmittance(%) vs Wavelength(nm) — single

This chart is for reference only and is not guaranteed.

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RA25S

Representative Value

Lens Categoly		2	
Transmittance		26.0	%
Polarization Efficiency		99.95	%
Hue	a	16.3	
	b	35.5	
Transmittance at 400nm		0.00	%
Haze			%
Traffic	Qred	1.628	>0.8
Signal	Qyellow	1.522	>0.8
Detection	Qgreen	0.655	>0.6
	Qblue	0.432	>0.7

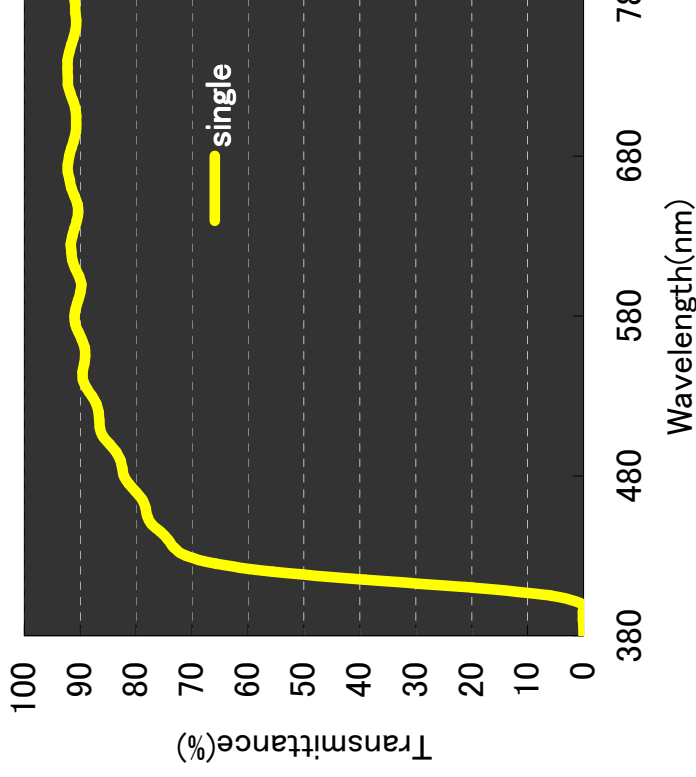This chart is for reference only
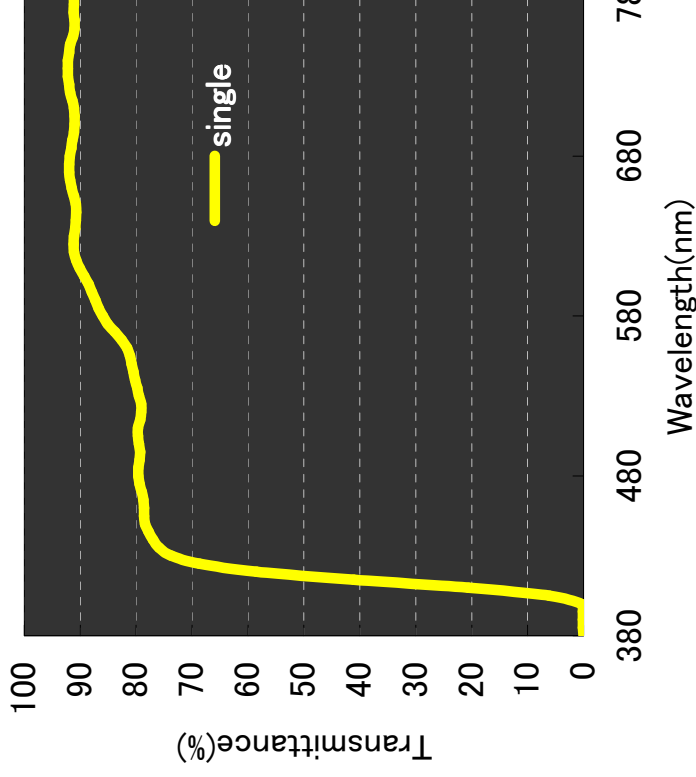and is not guaranteed.

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- single
- cross

Transmittance(%)
Wavelength(nm)

CY90

Representative Value			
Lens Categoly		0	
Transmittance		88.7	%
Polarization Efficiency		–	%
Hue	a	-3.1	
	b	9.9	
Transmittance at 400nm		0.40	%
Haze			%
Traffic	Qred	1.024	>0.8
Signal	Qyellow	1.018	>0.8
Detection	Qgreen	0.991	>0.6
	Qblue	0.972	>0.7

This chart is for reference only
and is not guaranteed.

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Transmittance(%) vs Wavelength(nm)

single

CR84N

Representative Value

Lens Categoly		0	
Transmittance		83.2	%
Polarization Efficiency		–	%
Hue	a	2.7	
	b	5.7	
Transmittance at 400nm		0.50	%
Haze			%
Traffic	Qred	1.085	>0.8
Signal	Qyellow	1.041	>0.8
Detection	Qgreen	0.972	>0.6
	Qblue	0.975	>0.7

This chart is for reference only
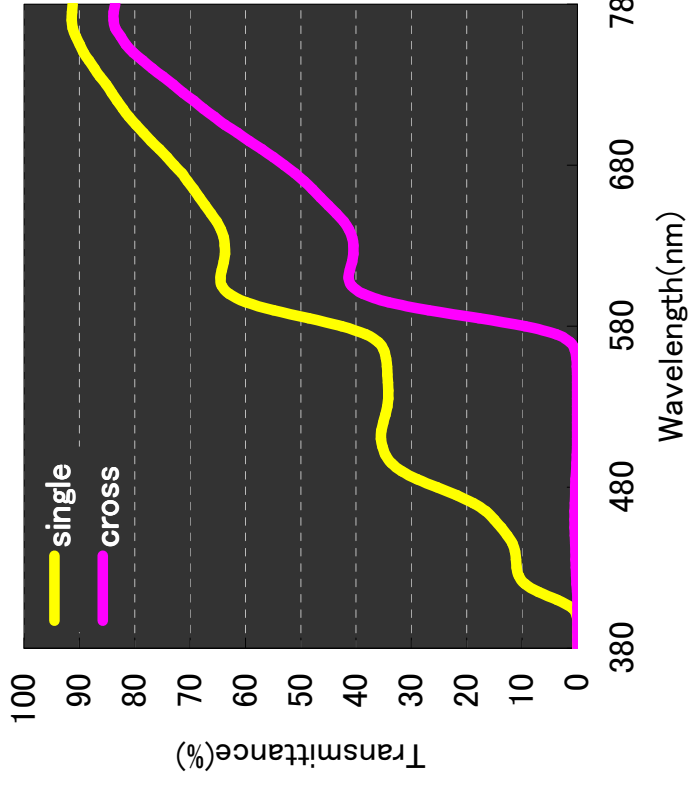and is not guaranteed.

Transmittance(%) vs Wavelength(nm)

— single

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A4OR

Representative Value		
Lens Categoly	2	
Transmittance	41.4	%
Polarization Efficiency	67.82	%
Hue a	9.1	
Hue b	27.6	
Transmittance at 400nm	0.12	%
Haze		%
Traffic	Qred	1.547	>0.8
Signal	Qyellow	1.221	>0.8
Detection	Qgreen	0.859	>0.6
	Qblue	0.881	>0.7

This chart is for reference only
and is not guaranteed.

Transmittance(%) vs Wavelength(nm)
- single
- cross

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