

1.59 FINISHED SINGLE VISION LENS TRANSITIONS® SIGNATURE GEN 8 (Diameter 65-70 mm)

MATERIAL REFRACTIVE PROPERTY		TRANSMISSION PROPERTY (UNCOAT LENS 2 MM)	
Refractive Index	1.586	Lens Classification	Photochromic Spectacle Lenses
Abbe Value	30	Lens Filter Categories	Category 0 at Clear Stage and Category 3
Density	1.20	Traffic Signal Light Recognition ISO14889-1997	Pass

Stock Range

DIAMETER (mm)	POWER	CYLINDER	ABSOLUTE POWER
65	1.00 to 4.00	0.00 to -2.00	
70	0.75 to -4.00	0.00 to -2.00	
70	-4.25 to -6.00	0.00 to -2.00	

Diameter 65 mm

POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT	POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT
+1.00	102.65		2.00	+2.50	82.12		3.50
+1.25	98.49		2.20	+2.75	79.61		3.80
+1.75	91.17		2.70	+3.25	79.61		4.30
+2.00	87.92		3.00	+3.75	75.01		4.80
+2.25	84.92		3.30	+4.00	70.81		5.00

TECHNICAL DATA

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Diameter 70 mm

POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT	POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT
+0.75	107.29		2.00	-2.75	196.07		1.45
+0.50	112.36		2.00	-3.00	181.05		1.40
+0.25	117.94		2.00	-3.25	196.07		1.40
0.00	107.29		2.00	-3.50	213.83		1.40
-0.25	107.29		1.90	-3.75	235.14		1.40
-0.50	112.36		1.85	-4.00	213.83		1.40
-0.75	117.94		1.80	-4.25	235.14		1.40
-1.00	124.11		1.75	-4.50	261.18		1.40
-1.25	130.96		1.70	-4.75	235.14		1.40
-1.50	138.62		1.65	-5.00	235.14		1.40
-1.75	147.24		1.60	-5.25	235.14		1.40
-2.00	138.62		1.55	-5.50	261.18		1.40
-2.25	147.24		1.55	-5.75	235.14		1.40
-2.50	157.01		1.50	-6.00	261.18		1.40