

# TECHNICAL DATA

## 1.50 SEMI FINISHED DIGITAL SURFACE SINGLE VISION LENS TRANSITIONS® SIGNATURE GEN 8

MATERIAL REFRACTIVE PROPERTY		TRANSMISSION PROPERTY (UNCOAT LENS 2 MM)	
Refractive Index	1.502	Lens Classification	Photochromic Spectacle Lenses
Abbe Value	58	Lens Filter Categories	Category 0 at Clear Stage and Category 3
Density	1.31	Traffic Signal Light Recognition ISO14889-1997	Pass

### SEMI FINISHED LENS TECHNICAL DATA

NOMINAL BASECURVE	TRUE CURVE		RADIUS		DIA (mm)	CT (mm)	ET (mm)
	FC	BC	FC	BC			
0.50	0.42	0.40	1261.90	125.50	72	10.50	15.40
2.00	1.96	1.86	270.10	260.80	76	15.90	16.00
3.50	3.48	3.29	152.45	260.80	76	18.00	15.90
4.25	4.25	4.03	124.70	125.50	76	14.00	14.00
5.25	5.19	4.92	102.03	125.50	76	11.10	9.60
6.25	6.19	5.86	85.68	83.67	76	12.80	12.90
7.25	7.22	6.83	73.45	83.67	76	12.80	11.20
8.75	8.73	8.27	60.69	83.67	72	12.00	8.60
10.50	10.31	9.76	54.41	83.67	72	15.30	9.10

Usefull : Tol (mm)  $\geq \emptyset n - 2$