

# TECHNICAL DATA

## 1.60 SEMI FINISHED SINGLE VISION LENS TRANSITIONS™ XTRACTIVE® NEW GENERATION

MATERIAL REFRACTIVE PROPERTY		TRANSMISSION PROPERTY (UNCOAT LENS 2 MM)	
Refractive Index	1.597	Lens Classification	Photochromic Spectacle Lenses
Abbe Value	42	Lens Filter Categories	Category 0 at Clear Stage and Category 3
Density	1.30	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			
1.00	0.98	9.67	612.25	62.05	75	5.00	16.50
2.50	2.51	9.67	239.04	62.05	75	5.00	14.70
4.00	4.01	8.33	149.63	72.03	75	7.00	12.80
5.00	5.04	8.33	119.05	72.03	75	7.50	12.00
6.00	6.05	8.33	99.17	72.03	75	8.00	11.20
7.00	7.04	8.33	85.23	72.03	75	8.50	10.30
8.00	8.04	8.33	74.63	72.03	75	10.00	10.40
9.00	8.95	9.67	67.04	62.05	70	9.50	10.50
10.00	10.00	9.67	60.00	62.05	65	9.50	9.10
11.00	11.00	9.67	54.55	62.05	65	10.00	8.50