

X-Cel Optical 2014 Lens Technical Data

Polarized Plastic & Poly Lenses

All Film curves match front true curves.

POLARIZED CR-39 UN-COATED SFSV Gray 3, Brown 3

Diam	Nominal	True	Sag.	C.T.	E.T.	Back	Rx Range
76mm	2.25	2.35	1.390	11.8	18.1	-6.50	-8.00 to -4.75
76mm	3.25	3.17	1.880	13.5	18.8	-6.50	-4.50 to -3.25
76mm	4.25	4.12	2.453	10.5	14.1	-6.50	-3.00 to -2.00
76mm	5.25	5.12	3.067	11.0	12.1	-6.50	-1.75 to -0.25
76mm	6.25	6.21	3.744	10.4	10.8	-6.50	0.00 to +1.00
76mm	7.25	7.36	4.480	13.4	10.9	-6.50	+1.25 to +2.50
76mm	8.25	8.57	5.278	13.9	10.6	-6.50	+2.75 to +5.50

POLARIZED CR-39 UN-COATED D-28 Gray 3, Brown 3

Diam	Nominal	True	Sag.	C.T.	E.T.	Back	Rx Range
76mm	2.25	2.10	1.241	15.9	18.5	-4.18	-8.00 to -4.25
76mm	4.25	4.08	2.429	10.2	13.5	-6.33	-4.00 to -2.25
76mm	6.25	6.22	3.750	9.0	9.0	-6.33	-2.00 to +2.00
76mm	8.25	8.24	5.056	12.3	8.4	-6.33	+2.25 to +5.50

Seg Location: 6.0 In/6.0 Dn

POLARIZED CR-39 UN-COATED Freedom ID Gray 3, Brown 3

Diam	Nominal	True	Sag.	C.T.	E.T.	Back	Rx Range
80mm	3.25	3.13	1.860	15.0	15.0	-3.13	-4.00 to -2.25
80mm	5.25	5.16	3.090	9.8	10.4	-5.17	-2.00 to +2.00
80mm	7.25	7.13	4.330	12.7	10.2	-7.13	+2.25 to +5.00

Fitting cross 2.5 In/4.0 Up Recommended Fitting Height is 17mm

POLARIZED POLYCARBONATE SFSV Gray 3, Brown 3

Diam	Nominal	True	Sag.	C.T.	E.T.	Back	Rx Range
76mm	2.25	2.25	1.330	10.0	15.7	-6.10	-6.00 to -4.25
76mm	4.25	4.26	2.540	10.0	12.8	-6.10	-4.00 to -2.25
76mm	6.25	6.46	3.900	12.0	11.4	-6.10	-2.00 to +2.00
76mm	8.25	8.55	5.260	12.0	10.0	-6.10	+2.25 to +5.50

POLARIZED POLYCARBONATE Freedom ID Gray 3, Brown 3

Diam	Nominal	True	Sag.	C.T.	E.T.	Back	Rx Range
73mm	3.25	3.22	1.910	8.0	8.5	-4.50	-4.00 to -2.25
73mm	5.25	5.22	3.127	9.7	9.4	-6.00	-2.00 to +2.00
73mm	7.25	7.12	4.322	11.2	9.4	-7.00	+2.25 to +5.50

Fitting cross 2.5 In/4.0 Up Recommended Fitting Height is 17mm