

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished FLAT-TOP Bifocal 76 x 35mm 1.5 Photochromic
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
C24	L6851	SYNC SF B FT35 15 PH GRY HC B--	Country of Origin required on Label	US FDA disclaimer Required

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (D)
76	4.00	1.00 to 3.00	-4.00 to -2.25
76	6.00	1.00 to 3.00	-2.00 to +2.00
76	8.00	1.00 to 3.00	+2.25 to +6.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.5 Photochromic</b>
<b>Refractive Index</b>	$n_d = 1.502$ $n_e = 1.504$
<b>Abbe Number</b>	$v_d = 54$ $v_e = 52$
<b>Density</b>	1.18 g/cm <sup>3</sup>
<b>Luminous Transmittance (clear state)</b>	≥ 87%
<b>UV Protection (ISO)</b>	Coated, Activated : 2.0 mm Centre Thickness: UVA : 100 %,    UVB : 100 %
<b>Coating Type</b>	Hard Coated

## 4. Lens Geometry: Curves measured in 1.530 Index, at the Geometric Centre

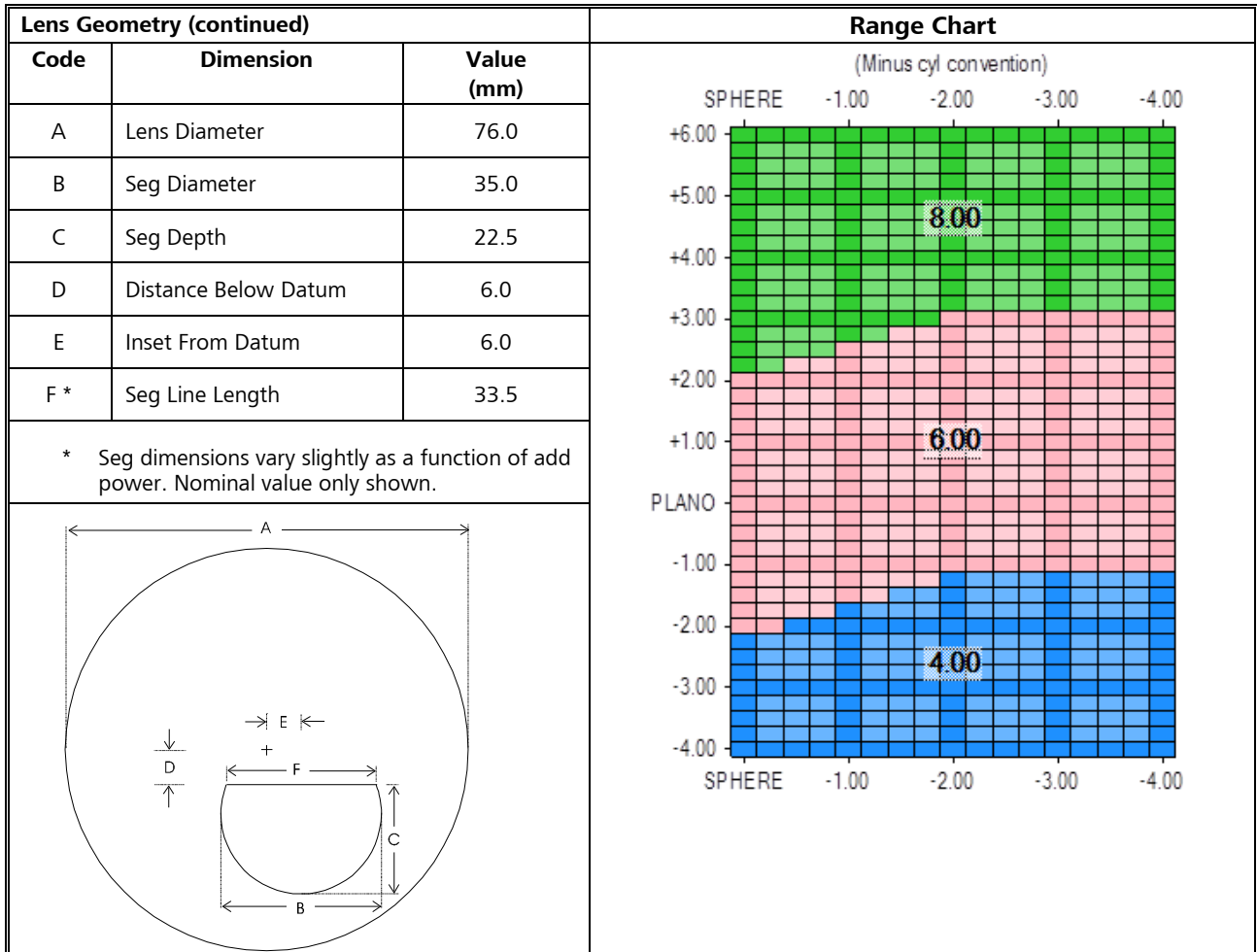
Nominal Base	True Front Curve (D)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) (± 1.0mm)	Nominal Edge Thickness (mm)	Nominal Packaged weight (g)
4.00	3.68	144.02	-6.00	<b>11.3</b>	14.6	85
6.00	5.89	89.98	-6.00	<b>8.9</b>	9.0	66
8.00	8.01	66.17	-6.00	<b>12.5</b>	9.0	77

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**5. Surfacing:** Recommended centre & edge thicknesses for all regions:

Power Range (D)	USA Market Minimum Centre Thickness	Int'l Market Minimum Centre Thickness (mm)	All Markets Minimum Edge Thickness (mm)
High Minus to -2.00	2.0	2.0	
-1.75 to +2.00	2.0 or *	2.0 or *	1.5 *
+2.25 to High Pus			1.5

\* Thicknesses are based on whichever is the limiting factor

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## 6. Product Markings: Samples

Permanent Markings – Front Surface	Permanent Markings – Back Surface
<p>600-100R XXXX</p>	<p>20785 400-100 R FT 35 H-PF</p>

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