

## **synchrony EASY View (Instinctive) - Fact Sheets Table of Contents**

### **EASY View (Instinctive)**

<i><b>EASY View (Instinctive) 1.67 High Index</b></i>	<b>1 – 3</b>
<i><b>EASY View (Instinctive) 1.67 High Index PhotoFusion Gray</b></i>	<b>4 – 6</b>
<i><b>EASY View (Instinctive) 1.59 Polycarbonate</b></i>	<b>7 – 8</b>
<i><b>EASY View (Instinctive) 1.59 PhotoFusion Gray/Brown</b></i>	<b>9 – 10</b>
<i><b>EASY View (Instinctive) 1.5</b></i>	<b>11 – 12</b>
<i><b>EASY View (Instinctive) 1.5 PhotoFusion Gray/Brown</b></i>	<b>13 – 14</b>

# PRODUCT FACT SHEET



<b>Product Name</b>	synchroxy Semi-Finished Progressive Easy View (Instinctive) 1.67 HC
---------------------	---

## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
N88	L6738	SYNC SF P EAS V (INST) 167 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)	Recommended Rx Range (D)
73	1.00	0.75 to 3.50	-10.00 to -5.25
73	3.00	0.75 to 3.50	-5.00 to -0.75
78	5.00	0.75 to 3.50	-0.50 to +2.00
73	6.00	0.75 to 3.50	+2.25 to +3.50
73	7.00	0.75 to 3.50	+3.75 to +6.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.67 MR7</b>
<b>Refractive Index</b>	$n_d = 1.659$ $n_e = 1.664$
<b>Abbe Number</b>	$v_d = 32$ $v_e = 32$
<b>Density</b>	1.35 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) ( $\pm 1.0$ )	Nominal Edge Thickness at 'A' (mm)	Nominal Packaged Weight (g)
1.00	1.41	375.89	-6.00	<b>7.9</b>	13.6	69
3.00	3.14	168.79	-6.00	<b>8.9</b>	12.3	68
5.00	4.96	106.85	-6.00	<b>8.7</b>	9.8	68
6.00	5.75	92.17	-6.00	<b>11.0</b>	10.8	70
7.00	6.78	78.17	-6.00	<b>12.2</b>	10.5	73

Document Number: 00593.FS2	Reviewed by: Geoff Riley, 10 Oct 2016
For External Distribution	Page 1 of 3

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.67 HC
---------------------	---

**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	1.5	1.2	
-1.75 to +2.00	2.0 or *	2.0 or *	1.3 *
+2.25 to High Pus			1.3

\* Thicknesses are based on whichever is the limiting factor

**6. Product Markings:**

<b>Ink Markings:</b>	
<b>Front Surface: Coding</b>	<b>Back Surface: Coding</b>

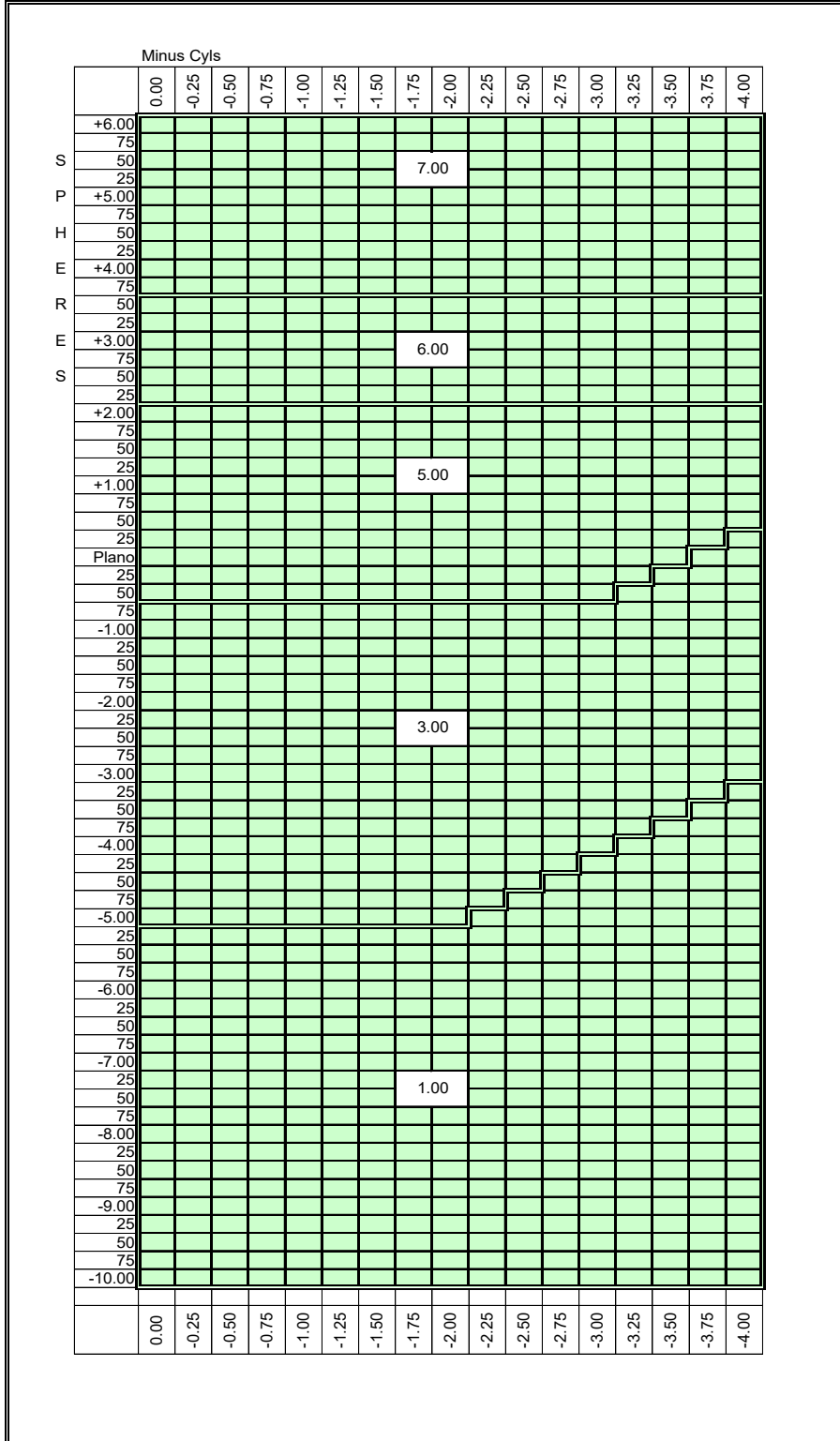
Document Number: 00593.FS2	Reviewed by: Geoff Riley, 10 Oct 2016
For External Distribution	Page 2 of 3

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.67 HC
---------------------	---

## 7. Product Range (Minus Cylinder):



Document Number: 00593.FS2	Reviewed by: Geoff Riley, 10 Oct 2016
For External Distribution	Page 3 of 3

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.67 Photochromic
---------------------	---

## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
N89	L6739	SYNC SF P EAS V (INST) 167 PH GRY HC AB-	Country of Origin required on Label	US FDA disclaimer Required

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
73	1.00	0.75 to 3.50	-10.00 to -5.25
73	3.00	0.75 to 3.50	-5.00 to -0.75
78	5.00	0.75 to 3.50	-0.50 to +2.00
73	6.00	0.75 to 3.50	+2.25 to +3.50
73	7.00	0.75 to 3.50	+3.75 to +6.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.67 MR7</b>
<b>Refractive Index</b>	$n_d = 1.659$ $n_e = 1.664$
<b>Abbe Number</b>	$v_d = 32$ $v_e = 32$
<b>Density</b>	1.35 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) ( $\pm 1.0$ )	Nominal Edge Thickness at 'A' (mm)	Nominal Packaged Weight (g)
1.00	1.34	395.52	-6.00	<b>7.9</b>	13.6	69
3.00	3.05	173.77	-6.00	<b>8.9</b>	12.3	68
5.00	4.89	108.38	-6.00	<b>8.7</b>	9.8	68
6.00	5.67	93.47	-6.00	<b>11.0</b>	10.8	70
7.00	6.72	78.87	-6.00	<b>12.2</b>	10.5	73

Document Number: 00594.FS1	Reviewed by: Geoff Riley, 22 Nov 2016
For External Distribution	Page 1 of 3

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.67 Photochromic
---------------------	---

**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	1.5	1.2	
-1.75 to +2.00	2.0 or *	2.0 or *	1.3 *
+2.25 to High Pus			1.3

\* Thicknesses are based on whichever is the limiting factor

**6. Product Markings:**

<b>Ink Markings:</b>	
<b>Front Surface: Coding</b>	<b>Back Surface: Coding</b>

Document Number: 00594.FS1	Reviewed by: Geoff Riley, 22 Nov 2016
For External Distribution	Page 2 of 3

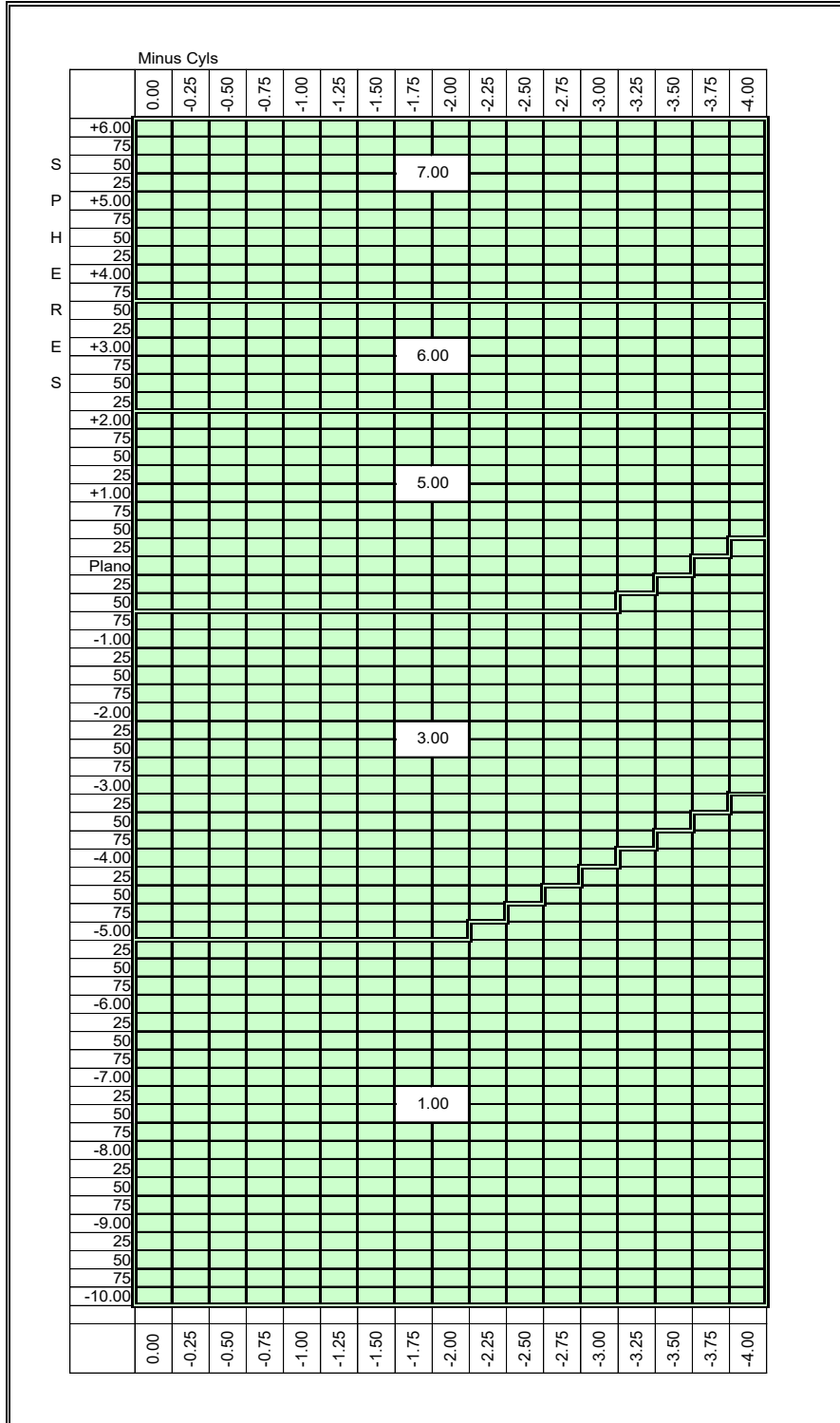
# PRODUCT FACT SHEET



**Product Name**

synchrony Semi-Finished Progressive Easy View (Instinctive) 1.67 Photochromic

## 7. Product Range (Minus Cylinder):



Document Number: 00594.FS1

For External Distribution

Reviewed by: Geoff Riley, 22 Nov 2016

Page 3 of 3

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.59
---------------------	--

## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
130	L2222	SYNC SF P EAS V (INST) 159 UT ---	Country of Origin required on Label	US FDA disclaimer Required
324	L2221	SYNC SF P EAS V (INST) 159 PG ---		

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (D)
75	1.50	1.00 to 3.50	-9.00 to -5.25
75	3.50	1.00 to 3.50	-5.00 to -0.75
75	5.50	1.00 to 3.50	+0.50 to +2.00
75	7.50	1.00 to 3.50	+2.25 to +5.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.59 Polycarbonate</b>
<b>Refractive Index</b>	$n_d = 1.586$ $n_e = 1.59$
<b>Abbe Number</b>	$v_d = 30$ $v_e = 29$
<b>Density</b>	1.20 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	Coated: 2.0mm Centre Thickness UVA : 100 %,     UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ( $\pm 1.0$ mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.57	337.58	-5.75	7.8	12.6
3.50	3.54	149.72	-5.75	7.7	10.1
5.50	5.42	97.79	-5.75	8.3	8.3
7.50	7.47	70.95	-8.00	11.3	11.7

## 5. Surfacing: Recommended centre & edge thicknesses:

Power Range (D)	Minimum Centre Thickness	Minimum Edge Thickness (mm)
High Minus to -2.00	1.5	
-1.75 to +2.00	2.0 or *	1.5 *
+2.25 to High Pus		1.0

\* Thicknesses are based on whichever is the limiting factor

Document Number: 00084.FS4	Reviewed by: Geoff Riley, 10 Oct 2016
For External Distribution	Page 1 of 2



# PRODUCT FACT SHEET



**Product Name**

synchrony Semi-Finished Progressive Easy View (Instinctive) 1.59

## 6. Product Markings:

Product Markings:	Recommended Range Chart:
<p>Front Surface: Semi-Visible Markings</p>	<p>Compact PRO 5 PhotoFusion technology (Minus cyl convention)</p>
<p>Front Surface: Ink Markings</p>	
<p>Back Surface Markings</p>	

Document Number: 00084.FS4

For External Distribution

Reviewed by: Geoff Riley, 10 Oct 2016

Page 2 of 2

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.59 Photochromic
---------------------	--

## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
F54	L6114	SYNC SF P EAS V (INST) 159 PH GRY HC ---	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)
72	1.50	1.00 to 3.00	-9.00 to -5.25
72	3.50	1.00 to 3.00	-5.00 to -0.75
72	5.50	1.00 to 3.00	+0.50 to +2.00
72	7.50	1.00 to 3.00	+2.25 to +5.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.59 Polycarbonate</b>
<b>Refractive Index</b>	$n_d = 1.586$ $n_e = 1.59$
<b>Abbe Number</b>	$v_d = 30$ $v_e = 29$
<b>Density</b>	1.20 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	Coated, Activated: 2.0mm Centre Thickness UVA : 100 %,    UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ( $\pm 1.0$ mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.62	327.16	-5.75	<b>7.6</b>	12.5
3.50	3.61	146.81	-5.75	<b>7.5</b>	9.9
5.50	5.47	96.89	-5.75	<b>8.1</b>	7.9
7.50	7.53	70.38	-8.00	<b>11.1</b>	11.3

## 5. Surfacing: Recommended centre & edge thicknesses:

Power Range (D)	Minimum Centre Thickness	Minimum Edge Thickness (mm)
High Minus to -2.00	1.5	
-1.75 to +2.00	2.0 or *	1.5 *
+2.25 to High Pus		1.0

\* Thicknesses are based on whichever is the limiting factor

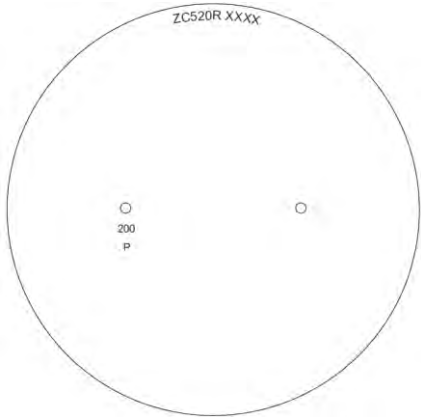
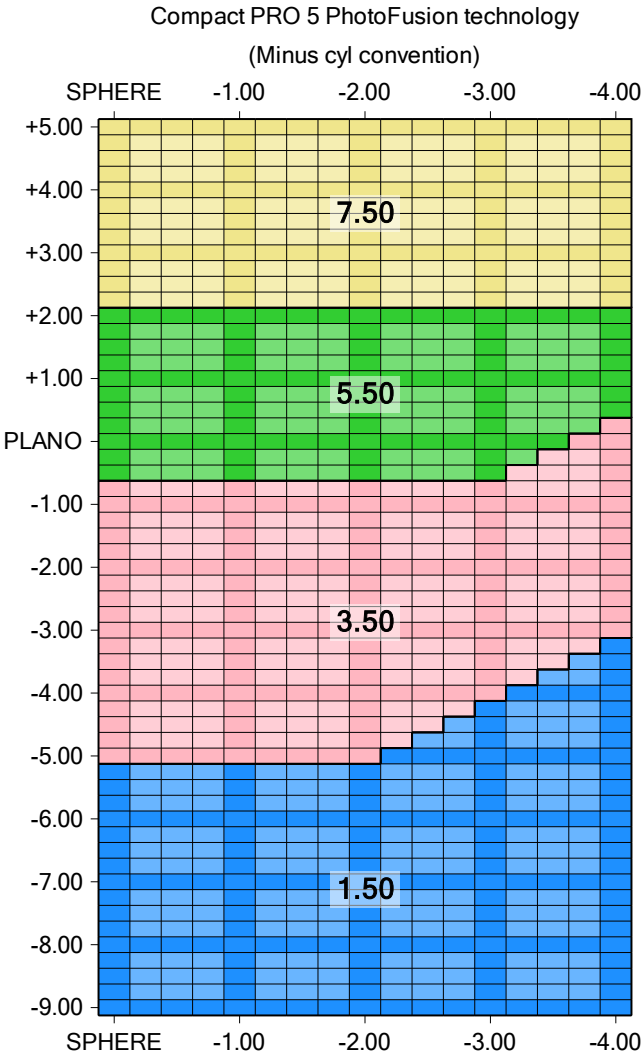
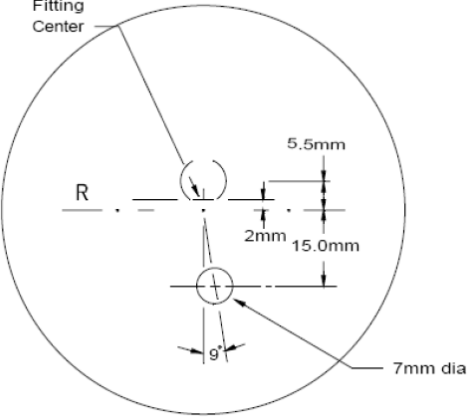

Document Number: 00247.FS4	Reviewed by: Geoff Riley, 02 Sep 2016
For External Distribution	Page 1 of 2

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.59 Photochromic
---------------------	--

## 6. Product Markings:

Product Markings:	Recommended Range Chart:
<p>Front Surface: Semi-Visible Markings</p> 	<p>Compact PRO 5 PhotoFusion technology (Minus cyl convention)</p> 
<p>Front Surface: Ink Markings</p> 	
<p>Back Surface Markings</p> 	

Document Number: 00247.FS4	Reviewed by: Geoff Riley, 02 Sep 2016
For External Distribution	Page 2 of 2

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.5
---------------------	---

## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
520	L2237	SYNC SF P EAS V (INST) 15 UNC ---	Country of Origin required on Label	Yes, US FDA disclaimer Required
693	L2238	SYNC SF P EAS V (INST) 15 HC ---		

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (D)
75/80	1.50	0.75 to 3.50	-9.00 to -5.25
75/80	3.50	0.75 to 3.50	-5.00 to -0.75
75/80	5.50	0.75 to 3.50	+0.50 to +2.00
75/80	7.50	0.75 to 3.50	+2.25 to +5.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.5 Polymer</b>
<b>Refractive Index</b>	$n_d = 1.499$ $n_e = 1.500$
<b>Abbe Number</b>	$v_d = 58$ $v_e = 56$
<b>Density</b>	1.32 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 94 %,    UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated &amp; Uncoated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ( $\pm 1.0$ mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.55	341.94	-3.00	<b>11.9</b>	13.5
3.50	3.50	151.43	-6.00	<b>9.9</b>	12.8
5.50	5.40	98.15	-6.00	<b>8.4</b>	8.8
7.50	7.44	71.24	-6.00	<b>12.0</b>	9.1

## 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

Document Number OEM5-5-1.FS1	Reviewed by: Geoff Riley, 02 Sep 2016
For External Distribution	Page 1 of 2

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.5
---------------------	---

## 6. Product Markings:

Product Markings:	Recommended Range Chart:
<p>Front Surface: Semi-Visible Markings</p>	<p>Compact PRO 5 PhotoFusion technology (Minus cyl convention)</p>
<p>Front Surface: Ink Markings</p>	
<p>Back Surface Markings</p>	

Document Number OEM5-5-1.FS1	Reviewed by: Geoff Riley, 02 Sep 2016
For External Distribution	Page 2 of 2

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.5 Photochromic
---------------------	---

## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
H08	L6471	SYNC SF P EAS V (INST) 15 PH GRY HC A--	Country of Origin required on Label	US FDA disclaimer Required
H09	L6472	SYNC SF P EAS V (INST) 15 PH BRN HC A--		

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (D)
73/78	1.50	0.75 to 3.50	-9.00 to -5.25
73/78	3.50	0.75 to 3.50	-5.00 to -0.75
73/78	5.50	0.75 to 3.50	+0.50 to +2.00
73/78	7.50	0.75 to 3.50	+2.25 to +5.00

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.5 Polymer</b>
<b>Refractive Index</b>	$n_d = 1.499$ $n_e = 1.500$
<b>Abbe Number</b>	$v_d = 58$ $v_e = 56$
<b>Density</b>	1.32 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	Coated, Activated: 2.0mm Centre Thickness UVA : 100 %,    UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (± 1.0mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.56	339.74	-3.00	<b>11.9</b>	13.5
3.50	3.50	151.43	-6.00	<b>9.9</b>	12.8
5.50	5.40	98.15	-6.00	<b>8.4</b>	8.8
7.50	7.45	71.14	-6.00	<b>12.0</b>	9.1

## 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

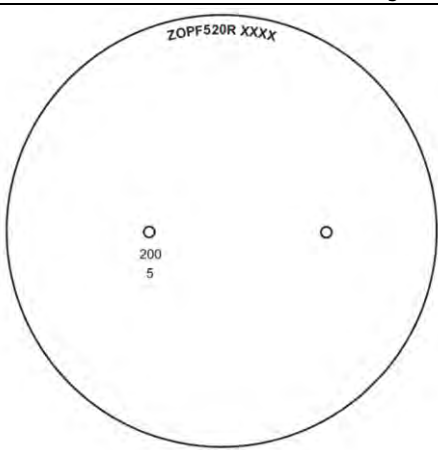
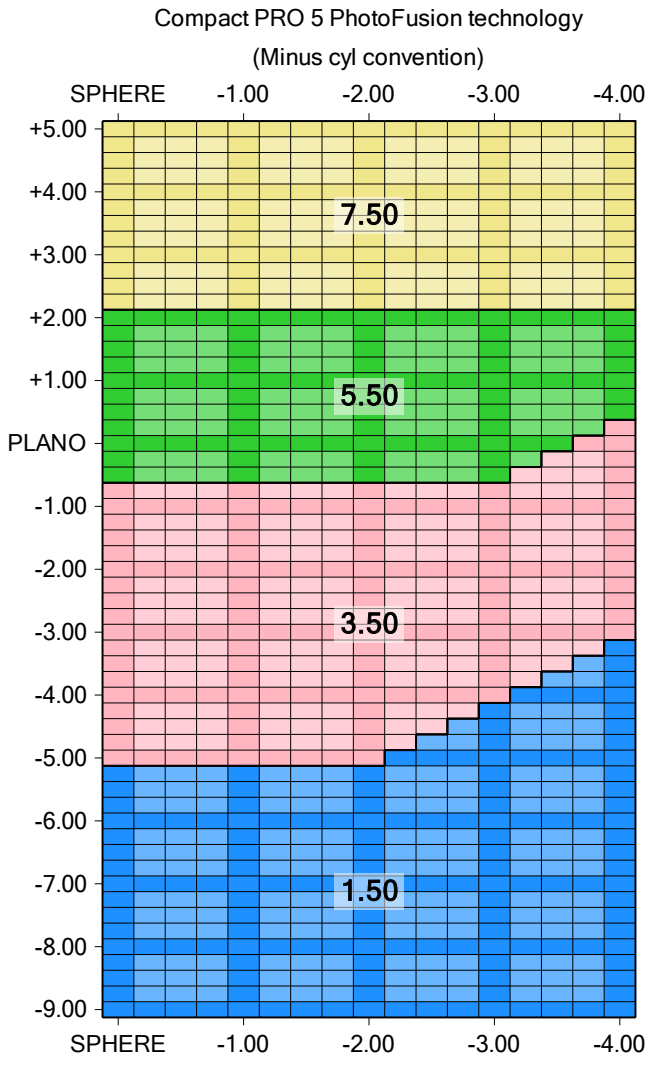
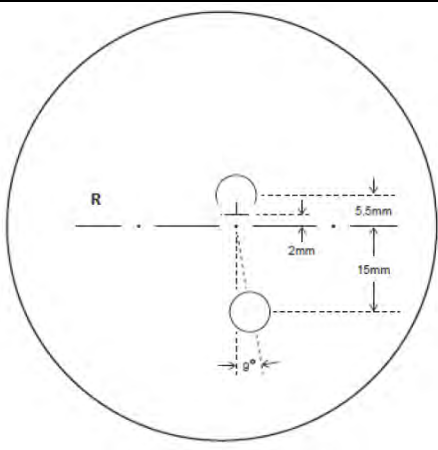

Document Number: 00300.FS3	Reviewed by: Geoff Riley, 13 Oct 2016
For External Distribution	Page 1 of 2

# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy View (Instinctive) 1.5 Photochromic
---------------------	---

## 6. Product Markings:

Product Markings:	Recommended Range Chart:
Front Surface: Semi-Visible Markings 	Compact PRO 5 PhotoFusion technology (Minus cyl convention) 
Front Surface: Ink Markings 	
Back Surface Markings 	

Document Number: 00300.FS3	Reviewed by: Geoff Riley, 13 Oct 2016
For External Distribution	Page 2 of 2