

<b>material</b>	Schott SFL 57 or equivalent	
<b>design wavelength</b>	633 nm	
<b>wavelength range</b>	400-2700 nm	
<b>refractive index</b>	1,839 ( $\lambda = 633$ nm)	
<b>toler. Surface</b>	3/5(0,5)	as DIN ISO 10110
<b>centering</b>	4/10'	as DIN ISO 10110
<b>surface defects</b>	5/3x0,16	as DIN ISO 10110
<b>toler. outer diameter</b>	+0 / -0,1 mm	
<b>toler. center thickness</b>	$\pm 0,2$ mm	
<b>test area</b>	90% of diameter	
<b>chamfers</b>	0,2 – 0,5 mm x 45°	

f mm	Best. Nr. SFL 57	Ø mm	d mm	R1 mm	R2 mm
10	OBF 1.010	10	4	7,366 CX	45,973 CC
15	OBF 1.015	15	5	10,941 CX	67,560 CC
20	OBF 1.020	20	6	14,590 CX	89,446 CC
25	OBF 1.025	25	7	18,170 CX	111,400 CC
30	OBF 1.030	25	6	21,596 CX	131,920 CC
50	OBF 1.050	25	4	35,481 CX	218,300 CC
75	OBF 1.075	25	4	35,088 CX	327,810 CC
100	OBF 1.100	25	4	70,795 CX	438,720 CC
150	OBF 1.150	25	5	105,930 CX	654,070 CC
200	OBF 1.200	25	4	141,250 CX	875,360 CC
250	OBF 1.250	25	5	176,550 CX	1094,100 CC
300	OBF 1.300	25	4	211,350 CX	1314,500 CC
500	OBF 1.500	25	4	352,270 CX	2175,050 CC
750	OBF 1.750	25	4	528,980 CX	3313,700 CC
1000	OBF 1.999	25	4	705,400 CX	4340,100 CC
2000	OBF 1.998	25	4	1412,500 CX	9074,300 CC
100	OBF 4.100	40	6	70,795 CX	438,720 CC
150	OBF 4.150	40	6	105,930 CX	654,070 CC
200	OBF 4.200	40	6	141,250 CX	875,360 CC
250	OBF 4.250	40	6	176,550 CX	1094,100 CC
300	OBF 4.300	40	5	211,350 CX	1314,500 CC
500	OBF 4.500	40	5	352,270 CX	2175,050 CC
750	OBF 4.750	40	5	528,980 CX	3313,700 CC
1000	OBF 4.999	40	5	705,400 CX	4340,100 CC
2000	OBF 4.998	40	5	1412,500 CX	9074,300 CC
-10	OBF 0.010	10	1,5	6,4938 CC	31,737 CX
-30	OBF 0.030	25	3	20,025 CC	104,410 CX
-100	OBF 0.100	25	3	70,287 CC	438,720 CX
-300	OBF 0.300	25	3	211,350 CC	1319,200 CX

Subject to change and correction

#### All Dimensions in mm

R1 – Radius of surface 1 facing collimated beam

R2 - Radius of surface 2 facing focused spot of light

Datum: 15.04.2021

Technische Änderungen und Irrtum vorbehalten

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