

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1440334

Luminaire Tested: XSF100-SFTR-6Hx6V-840-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440334
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-840-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7247 lumens
Efficiency: N/A
Efficacy: 161.0 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

Input Watts (W): 45
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

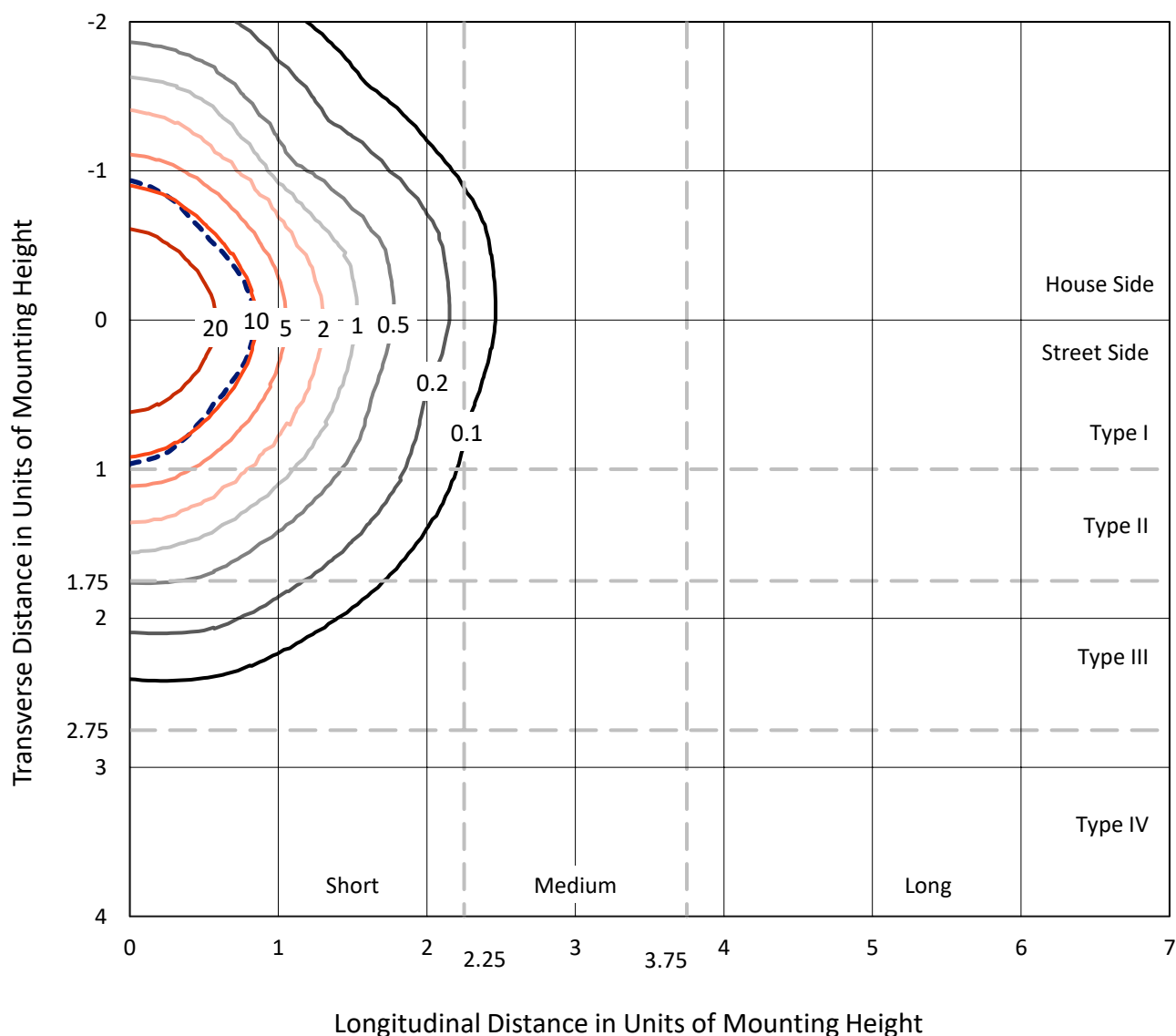
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

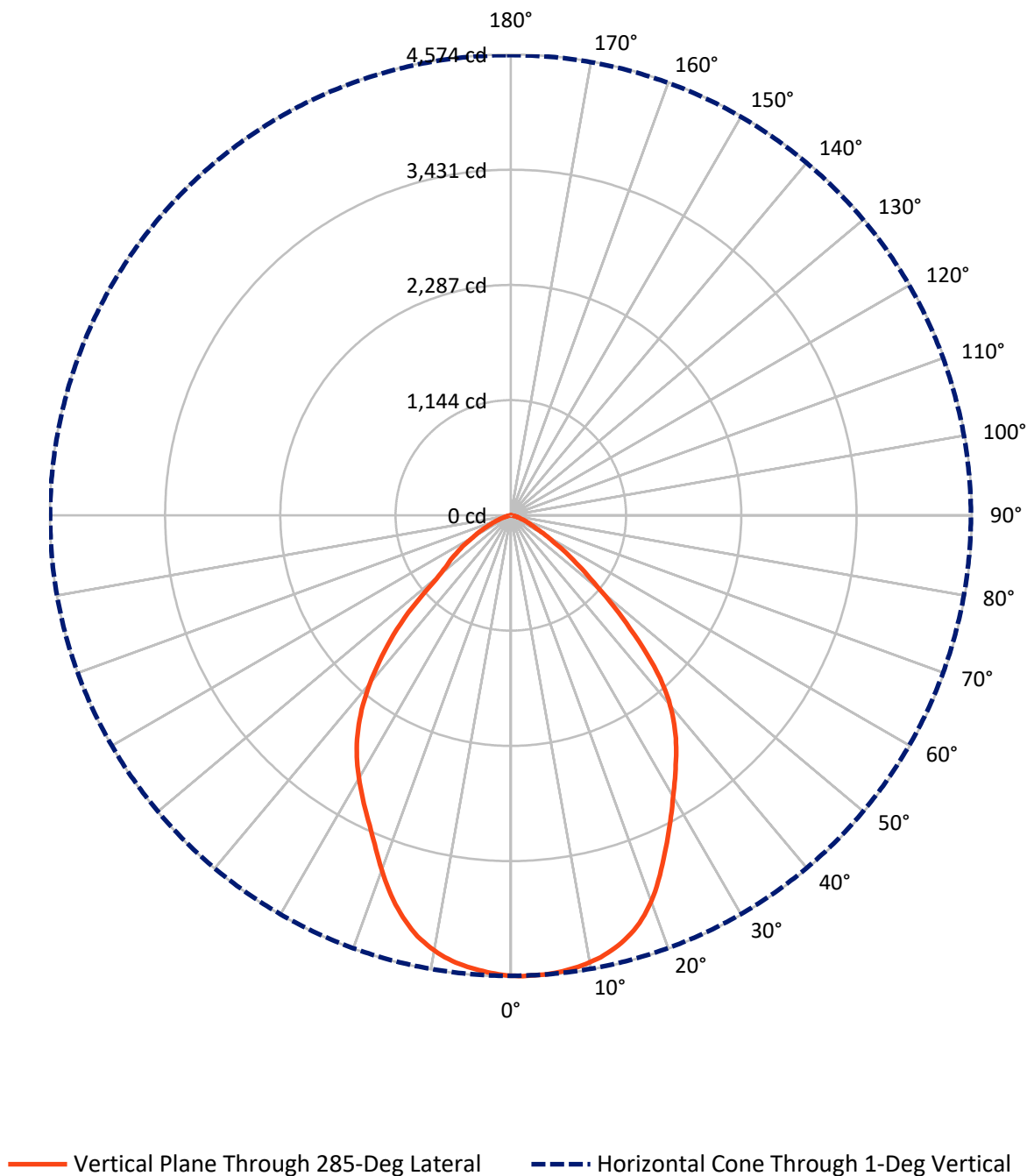


Based on 10 foot mounting height. Maximum calculated value = 45.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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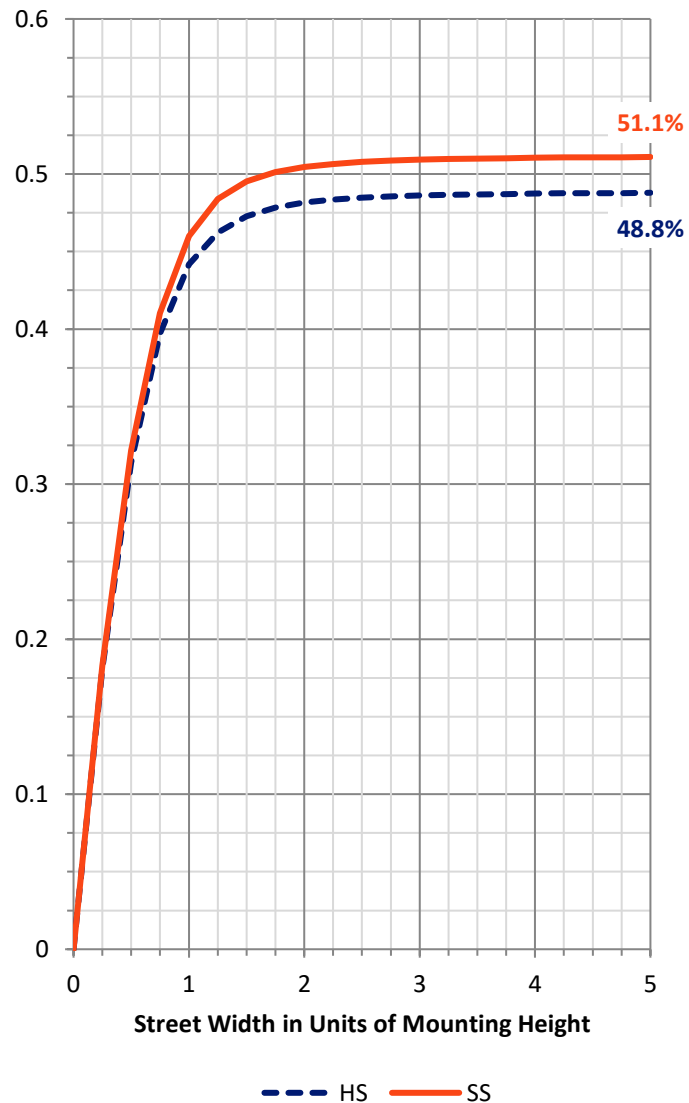
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3558.0	0.0	3558.0
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3689.0	0.0	3689.0
	% Fixture	50.9	0.0	50.9
Total	Lumens	7247.0	0.0	7247.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	430.7	5.9
10°-20°	1194.4	16.5
20°-30°	1614.5	22.3
30°-40°	1718.8	23.7
40°-50°	1339.0	18.5
50°-60°	616.4	8.5
60°-70°	247.3	3.4
70°-80°	76.8	1.1
80°-90°	9.1	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7247.0	100.0
0°-180°	7247.0	100.0

Coefficient of Utilization



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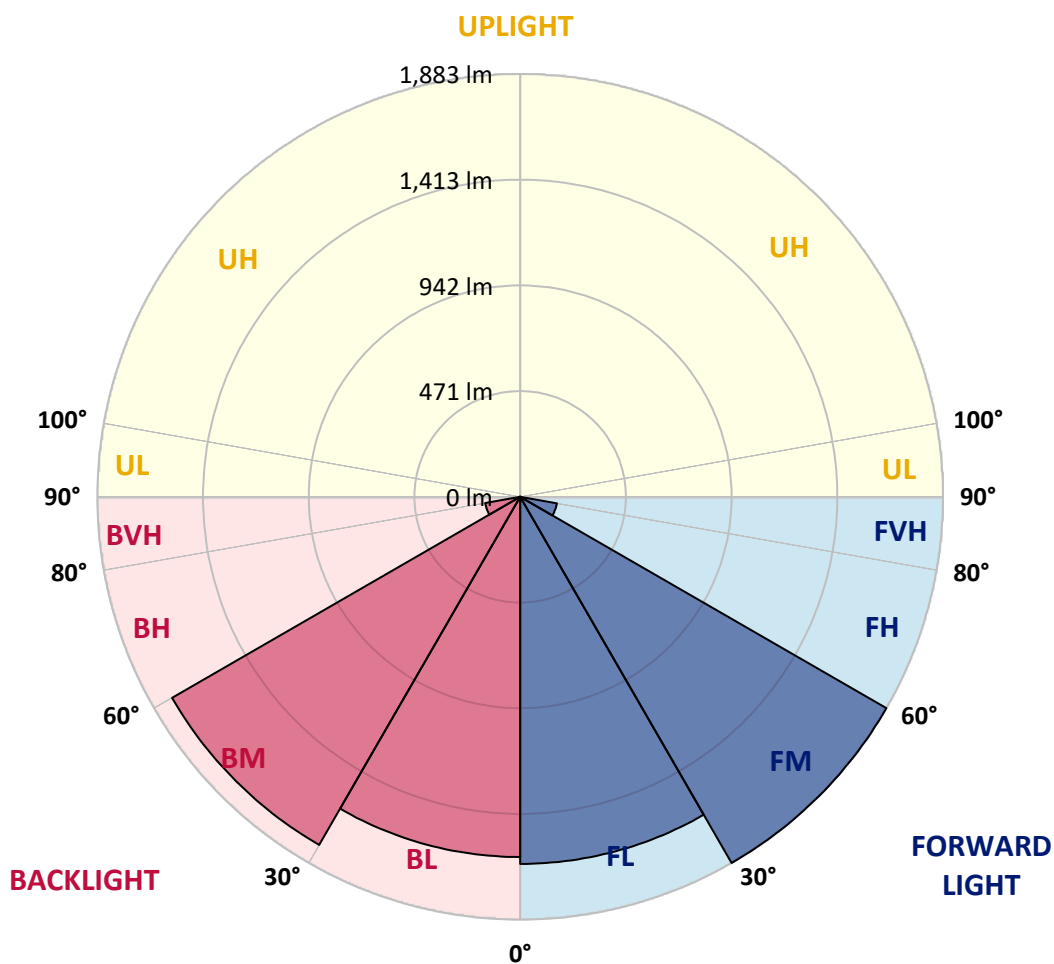
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1635.2	22.6			
FM	(30°-60°)	1883.5	26.0			
FH	(60°-80°)	165.9	2.3			G0/660
FVH	(80°-90°)	4.4	0.1			G0/10
BL	(0°-30°)	1604.4	22.1	B3/2500		
BM	(30°-60°)	1790.6	24.7	B2/2500		
BH	(60°-80°)	158.3	2.2	B1/500		G0/660
BVH	(80°-90°)	4.7	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0
1°	4568.9	4568.7	4568.1	4567.6	4565.0	4565.2	4565.8	4565.1	4566.4	4566.0	4567.2
2°	4567.9	4565.7	4563.1	4562.7	4561.6	4558.5	4557.6	4555.1	4557.0	4559.5	4560.8
3°	4565.0	4561.8	4558.4	4555.0	4551.5	4549.1	4544.7	4545.7	4547.0	4549.9	4552.2
4°	4558.3	4553.6	4548.8	4544.8	4540.0	4535.6	4532.9	4530.6	4533.5	4536.7	4538.8
5°	4549.5	4542.7	4538.2	4530.2	4524.3	4520.2	4516.4	4515.5	4516.5	4519.2	4524.1
6°	4537.8	4530.3	4520.7	4514.0	4507.3	4502.9	4499.8	4499.7	4498.7	4500.9	4508.4
7°	4522.6	4515.1	4505.9	4496.2	4488.5	4483.3	4482.7	4481.2	4481.1	4483.3	4490.7
8°	4510.3	4499.6	4487.7	4477.9	4467.4	4461.2	4460.4	4459.2	4460.8	4464.3	4471.7
9°	4494.6	4481.0	4468.3	4457.3	4444.1	4437.1	4432.6	4432.4	4434.0	4438.9	4449.8
10°	4475.6	4461.0	4445.8	4431.6	4417.5	4408.0	4400.7	4401.3	4405.8	4410.9	4420.5
11°	4453.4	4435.5	4417.7	4401.4	4387.5	4375.4	4365.8	4364.7	4370.2	4379.2	4389.9
12°	4425.4	4406.2	4387.1	4367.4	4352.5	4336.9	4325.9	4322.5	4330.5	4341.0	4354.5
13°	4394.1	4373.8	4352.7	4330.3	4310.1	4293.2	4279.3	4279.2	4285.7	4298.1	4312.4
14°	4359.5	4335.7	4311.9	4288.0	4265.1	4243.7	4225.1	4223.9	4232.6	4248.7	4262.4
15°	4318.5	4292.2	4266.2	4240.9	4213.4	4186.7	4164.8	4161.8	4173.3	4193.2	4206.5
16°	4269.8	4240.1	4211.9	4186.9	4154.0	4124.8	4099.0	4096.8	4108.3	4128.6	4143.5
17°	4213.6	4184.7	4151.6	4125.6	4087.1	4055.1	4027.9	4026.5	4037.4	4057.2	4075.2
18°	4153.4	4121.1	4087.7	4055.0	4013.1	3982.0	3950.8	3950.0	3961.6	3980.5	4000.3
19°	4087.2	4051.8	4019.3	3980.5	3936.5	3903.3	3871.9	3870.0	3879.5	3899.1	3922.2
20°	4018.0	3982.2	3943.8	3897.6	3853.8	3819.9	3791.5	3786.3	3793.3	3811.1	3839.9
21°	3947.5	3907.9	3867.6	3812.2	3766.0	3735.5	3710.8	3701.7	3700.1	3719.4	3747.9
22°	3874.1	3828.5	3780.7	3720.4	3672.9	3650.3	3627.8	3614.5	3608.0	3626.3	3656.5
23°	3795.1	3744.1	3689.1	3624.1	3578.7	3566.4	3550.2	3531.6	3513.8	3525.1	3559.6
24°	3716.1	3662.9	3597.7	3527.8	3486.2	3486.7	3479.4	3453.7	3424.0	3425.4	3470.8
25°	3642.4	3587.9	3510.6	3433.6	3396.2	3412.0	3414.9	3378.7	3334.7	3327.4	3383.7
26°	3575.5	3516.9	3425.0	3339.9	3307.4	3340.6	3352.1	3309.5	3250.0	3237.1	3297.8
27°	3512.4	3448.9	3342.8	3247.6	3223.5	3271.8	3289.8	3242.7	3169.3	3145.2	3213.2
28°	3451.0	3381.0	3259.8	3158.4	3143.3	3204.5	3229.0	3177.4	3088.5	3057.1	3132.6
29°	3395.7	3315.5	3182.5	3072.5	3063.0	3138.5	3169.3	3111.7	3010.6	2970.3	3052.2
30°	3344.4	3253.1	3104.3	2986.9	2982.3	3073.2	3110.7	3046.8	2934.5	2885.6	2973.4
31°	3290.9	3190.7	3027.2	2903.9	2905.7	3007.7	3049.1	2980.4	2863.1	2806.6	2897.9
32°	3239.0	3131.3	2951.5	2825.0	2830.1	2943.0	2985.1	2913.2	2793.0	2727.8	2824.8
33°	3190.9	3075.1	2876.8	2745.6	2756.5	2873.2	2918.9	2843.7	2722.0	2651.4	2752.7
34°	3142.9	3020.3	2805.6	2667.3	2679.8	2803.1	2848.3	2770.2	2649.2	2574.2	2680.2
35°	3093.5	2965.8	2733.6	2586.0	2600.2	2726.8	2773.0	2690.9	2569.6	2495.3	2605.6
36°	3043.7	2908.7	2662.0	2500.9	2522.3	2646.9	2689.5	2608.5	2481.8	2410.9	2526.5
37°	2989.9	2845.9	2587.5	2417.5	2441.9	2564.9	2602.0	2522.5	2389.1	2316.5	2440.6
38°	2929.5	2772.0	2512.4	2337.8	2359.3	2474.9	2510.3	2431.0	2289.3	2215.0	2346.4
39°	2856.2	2688.7	2430.3	2252.2	2270.7	2379.8	2413.0	2331.4	2187.2	2111.4	2249.3
40°	2765.8	2598.6	2335.8	2159.4	2175.0	2273.2	2310.1	2226.8	2082.7	2007.1	2143.4
41°	2668.6	2499.4	2230.1	2059.4	2073.5	2160.4	2194.3	2121.2	1973.3	1900.6	2032.4
42°	2553.6	2388.7	2117.2	1953.5	1963.9	2035.8	2069.3	2004.1	1855.8	1789.7	1916.0
43°	2426.4	2268.4	2001.0	1842.0	1853.0	1904.9	1943.3	1890.4	1736.6	1673.1	1799.2
44°	2293.4	2135.5	1883.3	1728.8	1738.6	1776.6	1820.0	1773.7	1622.5	1570.5	1690.2

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2143.2	1999.5	1761.4	1615.1	1626.8	1656.4	1700.3	1664.3	1508.4	1467.9	1588.9
46°	1989.7	1863.2	1639.6	1505.7	1518.4	1537.9	1570.4	1531.9	1393.4	1365.3	1487.7
47°	1839.5	1731.3	1519.1	1398.6	1396.4	1403.4	1440.5	1399.1	1243.5	1258.1	1385.3
48°	1696.5	1601.9	1392.1	1273.9	1266.5	1277.8	1310.6	1250.6	1095.8	1125.1	1248.0
49°	1545.7	1459.2	1242.3	1136.7	1138.5	1156.5	1187.5	1101.0	963.6	991.7	1095.7
50°	1404.9	1308.1	1091.1	989.3	1018.7	1037.5	1083.1	975.5	823.2	823.4	959.5
51°	1296.9	1150.4	965.3	867.2	915.2	948.9	1001.3	890.6	719.1	691.4	828.2
52°	1171.5	1004.7	866.6	778.7	824.6	869.5	927.8	827.2	645.6	587.0	739.5
53°	1001.7	913.9	772.1	728.1	742.4	785.6	861.5	777.6	583.2	506.2	687.6
54°	912.0	844.9	710.5	677.8	685.0	715.3	784.6	739.9	532.1	428.5	630.7
55°	832.1	749.8	649.3	627.5	627.5	645.0	718.9	691.0	485.3	363.0	563.5
56°	735.2	679.4	588.1	570.3	570.0	574.7	661.5	642.7	441.9	309.6	493.3
57°	646.7	609.8	532.2	522.7	536.6	525.7	602.5	593.8	408.9	278.2	436.7
58°	558.3	540.1	483.6	477.9	488.0	467.8	545.2	559.5	376.0	256.6	386.5
59°	496.1	495.6	442.4	433.7	450.1	419.6	494.0	504.7	333.5	238.4	347.0
60°	437.5	466.0	405.0	393.2	410.5	359.6	452.8	450.2	302.7	221.7	313.0
61°	383.0	422.0	363.3	357.8	368.5	309.3	406.6	415.3	285.3	207.1	282.4
62°	336.4	371.4	326.0	324.5	329.5	283.2	365.8	382.4	261.5	194.0	255.8
63°	298.7	326.8	292.5	293.6	297.6	260.9	334.0	348.3	237.7	181.9	232.9
64°	261.6	294.7	265.1	267.3	270.6	234.8	300.1	309.7	215.9	170.1	212.5
65°	231.4	263.1	241.6	244.1	244.4	211.4	268.1	275.0	196.2	158.3	192.7
66°	206.8	234.5	218.2	222.1	220.5	191.4	237.0	242.6	178.8	146.7	175.5
67°	185.3	208.9	196.4	200.8	197.7	173.7	207.9	212.6	161.3	135.5	158.3
68°	166.0	184.6	175.9	179.1	175.6	157.1	184.4	189.3	143.9	125.0	141.1
69°	147.8	161.8	155.8	157.9	155.3	140.9	160.8	166.1	130.5	114.7	126.3
70°	131.2	141.3	136.3	138.8	137.5	126.0	137.5	143.0	118.6	105.1	113.4
71°	116.2	123.9	119.2	121.2	121.5	112.7	121.4	127.2	107.6	95.9	100.7
72°	102.3	108.5	103.8	106.8	107.0	100.6	107.1	112.4	96.7	86.6	89.1
73°	88.9	93.9	89.8	93.8	94.2	89.2	94.0	98.4	86.3	77.5	78.2
74°	77.2	81.1	77.3	82.2	82.2	78.7	81.6	85.7	76.4	68.8	68.4
75°	67.0	70.0	66.6	71.7	71.9	69.0	70.4	73.4	66.9	60.3	58.6
76°	56.8	58.9	56.0	60.9	61.4	59.2	59.8	62.2	57.8	52.5	49.3
77°	46.6	47.8	45.3	50.2	50.8	49.5	50.8	52.9	49.6	45.0	41.4
78°	37.8	38.0	37.3	41.4	42.8	42.0	43.1	44.6	41.9	37.5	34.5
79°	29.1	30.0	30.4	34.1	35.4	34.8	35.7	36.9	35.0	30.9	28.6
80°	22.1	23.1	24.0	27.7	28.3	28.2	28.5	30.2	28.6	25.5	23.5
81°	16.5	17.4	18.2	22.3	23.3	23.3	23.2	24.5	22.7	20.7	19.0
82°	12.3	13.6	14.3	17.0	18.1	18.6	18.7	19.6	18.1	15.9	14.6
83°	8.7	9.5	9.7	11.7	12.7	13.7	14.3	14.8	13.5	11.1	10.2
84°	5.6	6.6	6.8	7.1	8.5	9.4	9.9	10.0	8.9	7.6	6.9
85°	2.6	3.7	4.0	4.4	5.4	6.7	6.4	6.4	5.8	4.8	4.3
86°	0.8	0.9	1.1	1.7	2.4	4.0	3.5	3.5	3.1	2.6	2.4
87°	0.3	0.3	0.3	0.5	0.8	1.3	1.3	1.4	1.3	1.1	1.1
88°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.5
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440334
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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0	4570.0
1°	4568.1	4568.6	4569.9	4570.7	4570.5	4571.8	4570.5	4572.3	4574.2	4571.5	4571.5
2°	4564.3	4564.5	4565.9	4567.5	4569.4	4570.2	4570.8	4572.4	4571.0	4571.0	4570.5
3°	4555.5	4557.3	4560.2	4564.5	4567.3	4567.0	4570.5	4572.8	4569.1	4569.8	4568.9
4°	4542.7	4546.2	4549.8	4555.9	4559.9	4562.4	4565.5	4566.7	4567.6	4565.7	4567.6
5°	4528.4	4534.6	4541.1	4545.8	4551.2	4555.4	4559.6	4564.2	4562.4	4562.6	4563.9
6°	4514.5	4520.4	4527.3	4532.9	4540.8	4545.1	4549.4	4552.0	4552.8	4555.7	4557.0
7°	4498.5	4507.0	4515.0	4520.0	4526.7	4531.1	4535.5	4539.5	4541.3	4543.0	4544.7
8°	4480.8	4490.1	4498.1	4504.8	4512.7	4516.7	4520.5	4525.7	4528.3	4530.7	4528.9
9°	4457.9	4468.7	4478.6	4485.9	4494.6	4499.4	4503.0	4508.7	4512.9	4513.7	4511.8
10°	4431.4	4442.6	4453.7	4462.9	4473.8	4478.8	4484.5	4491.3	4493.3	4496.2	4496.0
11°	4400.4	4410.5	4421.5	4435.2	4448.7	4457.1	4463.3	4470.5	4474.8	4475.6	4477.6
12°	4365.4	4374.1	4388.9	4402.8	4415.9	4430.1	4438.2	4442.7	4446.7	4451.6	4454.1
13°	4321.9	4334.3	4349.3	4367.6	4381.7	4397.6	4403.5	4410.4	4416.1	4422.5	4426.4
14°	4272.7	4288.2	4303.4	4325.2	4343.4	4355.7	4365.6	4373.7	4381.8	4391.0	4396.4
15°	4217.2	4233.4	4251.4	4277.1	4300.0	4313.2	4320.3	4331.1	4340.6	4352.9	4360.3
16°	4156.8	4172.6	4193.6	4221.3	4247.5	4260.1	4269.8	4281.7	4295.6	4310.8	4317.4
17°	4089.7	4107.4	4130.5	4160.4	4187.8	4199.2	4212.0	4224.8	4241.9	4260.4	4271.4
18°	4017.7	4039.3	4065.0	4094.5	4119.5	4132.6	4143.6	4159.7	4180.0	4205.8	4217.2
19°	3942.3	3967.2	3994.6	4023.7	4044.8	4057.5	4068.3	4087.1	4111.1	4140.5	4154.8
20°	3860.3	3886.3	3916.8	3947.0	3962.4	3973.9	3986.6	4007.7	4036.1	4068.2	4087.5
21°	3773.2	3800.8	3831.2	3863.7	3876.7	3883.8	3896.3	3924.2	3954.2	3987.9	4012.1
22°	3691.2	3725.5	3752.1	3774.1	3781.9	3785.1	3805.0	3834.3	3864.4	3901.3	3930.2
23°	3611.1	3657.0	3681.4	3687.9	3683.3	3682.5	3707.3	3743.5	3775.2	3808.1	3840.7
24°	3536.9	3593.4	3615.4	3606.1	3579.8	3576.0	3608.9	3653.4	3685.1	3711.1	3743.0
25°	3472.6	3537.4	3552.0	3523.3	3477.4	3471.5	3509.8	3560.6	3597.0	3612.7	3644.0
26°	3408.3	3483.1	3493.3	3441.9	3375.5	3370.9	3415.2	3476.3	3510.0	3516.1	3546.1
27°	3344.5	3432.6	3434.0	3362.8	3277.1	3271.8	3327.1	3393.0	3425.2	3421.1	3445.4
28°	3280.3	3382.8	3376.1	3284.1	3185.1	3177.7	3243.2	3318.4	3343.9	3327.4	3343.2
29°	3219.3	3332.7	3318.1	3205.8	3094.8	3085.6	3161.0	3243.7	3261.9	3237.2	3246.3
30°	3162.1	3282.5	3260.8	3125.9	3004.7	2997.2	3084.3	3169.9	3185.0	3148.0	3147.9
31°	3103.7	3232.1	3204.1	3047.3	2917.4	2911.9	3009.2	3100.4	3111.8	3060.1	3054.2
32°	3047.0	3182.1	3149.5	2969.6	2832.9	2831.0	2935.6	3031.3	3039.4	2972.7	2962.3
33°	2989.4	3132.9	3092.1	2894.0	2751.6	2755.3	2862.5	2965.4	2966.1	2885.7	2874.8
34°	2930.1	3085.9	3032.1	2820.4	2671.5	2680.7	2791.8	2898.4	2897.2	2800.4	2786.9
35°	2868.3	3038.4	2970.6	2744.9	2592.1	2604.8	2717.9	2829.1	2826.6	2714.6	2700.0
36°	2803.3	2984.8	2904.0	2664.4	2511.5	2528.6	2642.2	2759.1	2752.7	2630.0	2614.4
37°	2730.9	2920.3	2830.7	2584.2	2428.6	2448.5	2567.6	2687.8	2675.1	2546.1	2530.1
38°	2647.0	2843.5	2749.4	2497.0	2342.0	2363.5	2491.1	2612.4	2592.7	2459.1	2446.0
39°	2552.1	2756.4	2657.0	2402.0	2251.2	2272.4	2409.1	2532.8	2506.7	2369.2	2357.8
40°	2445.7	2656.4	2552.4	2298.8	2151.6	2175.0	2317.9	2442.6	2413.9	2277.0	2268.9
41°	2331.4	2546.3	2433.4	2188.9	2047.1	2072.8	2218.0	2338.8	2308.8	2177.7	2173.4
42°	2207.6	2424.4	2301.7	2067.5	1937.6	1965.6	2109.9	2225.0	2192.8	2073.3	2070.0
43°	2080.4	2293.2	2164.3	1938.2	1822.3	1855.0	1993.6	2099.7	2064.2	1963.6	1956.5
44°	1958.9	2165.8	2028.6	1806.8	1699.1	1737.5	1875.2	1969.5	1924.9	1845.0	1841.0

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CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1837.5	2039.2	1892.3	1677.6	1586.0	1617.1	1751.8	1838.7	1781.5	1721.8	1724.3
46°	1723.6	1918.8	1767.3	1559.6	1472.7	1496.8	1633.5	1710.9	1634.7	1594.7	1608.9
47°	1590.3	1776.7	1627.7	1441.7	1359.5	1376.4	1515.1	1595.1	1507.1	1471.5	1497.6
48°	1456.9	1659.1	1488.2	1322.6	1238.2	1245.2	1396.4	1467.0	1374.5	1356.9	1389.6
49°	1323.6	1541.6	1349.4	1163.6	1078.7	1085.7	1248.9	1337.6	1238.4	1234.1	1258.7
50°	1210.2	1424.1	1238.5	1027.4	910.8	943.7	1094.4	1200.2	1112.8	1104.7	1110.4
51°	1107.0	1309.9	1160.9	915.6	759.4	822.8	958.9	1075.6	1010.9	974.0	960.2
52°	1027.6	1194.5	1068.1	796.0	623.6	695.6	855.7	980.1	924.1	858.7	835.9
53°	983.6	1132.5	1022.3	740.4	549.2	615.0	792.2	913.0	842.2	767.9	751.1
54°	925.1	1072.6	971.1	676.9	472.5	558.6	749.0	831.8	760.9	710.6	695.3
55°	863.4	994.6	886.1	605.6	397.2	508.9	716.1	758.0	690.8	653.2	640.2
56°	773.6	905.0	794.5	538.8	336.3	468.1	678.9	696.7	620.9	595.9	585.0
57°	689.1	808.8	712.5	475.3	297.7	437.0	628.7	635.6	551.1	556.6	535.6
58°	628.9	728.4	639.2	419.3	273.9	408.7	580.3	574.5	480.9	500.2	493.1
59°	563.9	664.0	572.8	376.8	253.3	367.1	549.8	527.1	446.1	452.5	453.2
60°	494.1	593.0	505.6	347.4	235.7	325.3	498.0	479.1	397.1	425.2	415.9
61°	438.2	520.4	445.4	308.6	219.9	294.5	441.4	426.7	340.0	386.2	380.0
62°	389.9	456.3	388.5	271.7	205.7	272.3	399.5	389.2	300.9	346.6	346.8
63°	344.0	398.4	343.3	242.1	192.6	249.2	367.4	357.1	267.4	307.8	316.3
64°	310.9	349.8	304.7	217.8	180.3	228.3	329.7	321.7	238.7	276.9	286.4
65°	278.4	305.9	271.9	196.5	168.1	207.7	294.2	288.0	216.5	251.6	258.9
66°	247.4	269.7	241.2	179.2	155.8	190.0	262.2	256.4	196.7	228.0	234.6
67°	219.2	235.5	215.0	162.0	144.3	172.4	232.1	227.4	179.5	205.5	211.9
68°	193.5	204.2	191.1	144.8	132.7	154.8	205.0	200.1	162.9	184.0	189.1
69°	167.9	177.2	167.3	130.2	122.3	140.8	183.3	175.3	147.2	163.6	166.5
70°	142.2	150.5	143.5	116.6	112.4	127.4	161.5	152.7	132.4	144.5	145.4
71°	122.2	130.5	124.6	103.6	102.8	114.8	139.8	133.6	118.0	126.7	126.9
72°	104.6	112.2	108.1	92.1	93.1	103.4	123.6	117.3	105.5	111.4	111.1
73°	89.5	95.3	93.2	81.4	83.4	92.9	109.2	102.6	94.0	98.0	97.6
74°	75.3	80.3	79.3	71.5	74.2	82.7	95.4	89.4	83.3	86.0	85.4
75°	63.2	67.3	66.5	61.9	65.2	72.8	82.3	77.3	72.6	74.7	74.1
76°	52.9	56.1	55.7	52.4	57.0	63.3	69.6	67.1	63.1	65.1	64.0
77°	44.1	46.7	46.6	44.1	49.0	54.1	58.7	57.0	53.7	55.5	53.9
78°	36.3	38.7	38.5	37.1	41.2	45.7	49.5	46.9	45.3	45.9	43.7
79°	29.6	31.4	31.4	31.0	34.3	38.6	41.5	39.5	38.5	38.6	36.5
80°	23.8	25.2	25.3	25.4	28.3	32.1	34.3	31.8	31.6	31.5	30.0
81°	19.4	20.6	20.6	20.8	23.0	25.8	27.9	25.3	25.2	25.2	24.1
82°	15.0	16.1	16.0	16.2	18.5	20.8	22.2	20.4	20.3	19.9	18.4
83°	10.6	11.5	11.3	11.7	14.0	15.7	17.4	15.9	15.3	14.8	13.1
84°	7.2	7.9	7.8	8.1	9.5	10.7	12.7	11.7	11.0	10.2	8.4
85°	4.5	4.9	4.9	5.1	6.2	7.3	7.9	7.8	7.2	7.3	5.4
86°	2.3	2.5	2.6	2.9	3.4	4.4	4.8	5.1	4.8	4.4	2.4
87°	1.0	1.0	1.2	1.3	1.5	2.2	2.5	2.4	2.4	1.5	0.8
88°	0.5	0.5	0.6	0.5	0.6	0.7	0.7	0.6	0.7	0.4	0.2
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440334
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4570.0	4570.0	4570.0
1°	4570.8	4570.2	4568.9
2°	4570.0	4569.7	4567.9
3°	4569.9	4568.1	4565.0
4°	4566.8	4563.7	4558.3
5°	4559.9	4556.1	4549.5
6°	4551.4	4546.1	4537.8
7°	4538.1	4532.1	4522.6
8°	4523.8	4518.9	4510.3
9°	4510.7	4503.2	4494.6
10°	4493.3	4489.6	4475.6
11°	4474.0	4467.1	4453.4
12°	4450.6	4441.2	4425.4
13°	4423.1	4412.7	4394.1
14°	4390.5	4379.5	4359.5
15°	4355.3	4342.4	4318.5
16°	4312.6	4296.7	4269.8
17°	4264.2	4245.3	4213.6
18°	4211.4	4186.3	4153.4
19°	4151.5	4124.0	4087.2
20°	4084.0	4055.6	4018.0
21°	4011.8	3986.3	3947.5
22°	3933.5	3911.0	3874.1
23°	3847.4	3831.3	3795.1
24°	3757.5	3749.2	3716.1
25°	3668.4	3664.5	3642.4
26°	3576.8	3588.7	3575.5
27°	3488.0	3518.8	3512.4
28°	3399.2	3450.1	3451.0
29°	3316.7	3383.8	3395.7
30°	3230.9	3318.4	3344.4
31°	3147.6	3254.3	3290.9
32°	3069.9	3194.3	3239.0
33°	2992.2	3135.4	3190.9
34°	2915.3	3078.2	3142.9
35°	2835.1	3021.9	3093.5
36°	2760.4	2969.1	3043.7
37°	2687.6	2911.8	2989.9
38°	2606.2	2849.4	2929.5
39°	2516.7	2773.3	2856.2
40°	2420.1	2679.9	2765.8
41°	2316.4	2577.2	2668.6
42°	2201.1	2467.4	2553.6
43°	2085.6	2349.2	2426.4
44°	1967.7	2223.4	2293.4

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1844.6	2084.1	2143.2
46°	1720.6	1942.4	1989.7
47°	1595.6	1802.8	1839.5
48°	1472.3	1665.8	1696.5
49°	1344.3	1518.1	1545.7
50°	1193.9	1366.1	1404.9
51°	1035.7	1195.6	1296.9
52°	897.4	1072.7	1171.5
53°	816.0	949.1	1001.7
54°	737.2	848.3	912.0
55°	684.1	780.1	832.1
56°	631.4	710.3	735.2
57°	578.7	640.5	646.7
58°	525.9	570.6	558.3
59°	477.7	516.5	496.1
60°	432.2	456.3	437.5
61°	393.7	402.9	383.0
62°	355.6	362.6	336.4
63°	317.5	324.8	298.7
64°	283.9	289.8	261.6
65°	254.3	258.3	231.4
66°	223.6	230.3	206.8
67°	194.7	206.8	185.3
68°	171.1	184.4	166.0
69°	150.4	163.8	147.8
70°	133.2	144.2	131.2
71°	117.1	127.2	116.2
72°	103.0	112.0	102.3
73°	90.2	97.0	88.9
74°	78.0	83.3	77.2
75°	67.7	72.1	67.0
76°	57.4	61.0	56.8
77°	47.2	49.9	46.6
78°	39.1	40.5	37.8
79°	32.4	31.9	29.1
80°	25.9	24.7	22.1
81°	19.7	18.5	16.5
82°	14.8	13.5	12.3
83°	10.5	9.9	8.7
84°	7.5	6.9	5.6
85°	4.5	4.0	2.6
86°	1.5	1.0	0.8
87°	0.4	0.3	0.3
88°	0.2	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	0.0	0.0	0.0
91°	0.0	0.0	0.0
92°	0.0	0.0	0.0
93°	0.0	0.0	0.0
94°	0.0	0.0	0.0
95°	0.0	0.0	0.0
96°	0.0	0.0	0.0
97°	0.0	0.0	0.0
98°	0.0	0.0	0.0
99°	0.0	0.0	0.0
100°	0.0	0.0	0.0
101°	0.0	0.0	0.0
102°	0.0	0.0	0.0
103°	0.0	0.0	0.0
104°	0.0	0.0	0.0
105°	0.0	0.0	0.0
106°	0.0	0.0	0.0
107°	0.0	0.0	0.0
108°	0.0	0.0	0.0
109°	0.0	0.0	0.0
110°	0.0	0.0	0.0
111°	0.0	0.0	0.0
112°	0.0	0.0	0.0
113°	0.0	0.0	0.0
114°	0.0	0.0	0.0
115°	0.0	0.0	0.0
116°	0.0	0.0	0.0
117°	0.0	0.0	0.0
118°	0.0	0.0	0.0
119°	0.0	0.0	0.0
120°	0.0	0.0	0.0
121°	0.0	0.0	0.0
122°	0.0	0.0	0.0
123°	0.0	0.0	0.0
124°	0.0	0.0	0.0
125°	0.0	0.0	0.0
126°	0.0	0.0	0.0
127°	0.0	0.0	0.0
128°	0.0	0.0	0.0
129°	0.0	0.0	0.0
130°	0.0	0.0	0.0
131°	0.0	0.0	0.0
132°	0.0	0.0	0.0
133°	0.0	0.0	0.0
134°	0.0	0.0	0.0

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	0.0	0.0	0.0
136°	0.0	0.0	0.0
137°	0.0	0.0	0.0
138°	0.0	0.0	0.0
139°	0.0	0.0	0.0
140°	0.0	0.0	0.0
141°	0.0	0.0	0.0
142°	0.0	0.0	0.0
143°	0.0	0.0	0.0
144°	0.0	0.0	0.0
145°	0.0	0.0	0.0
146°	0.0	0.0	0.0
147°	0.0	0.0	0.0
148°	0.0	0.0	0.0
149°	0.0	0.0	0.0
150°	0.0	0.0	0.0
151°	0.0	0.0	0.0
152°	0.0	0.0	0.0
153°	0.0	0.0	0.0
154°	0.0	0.0	0.0
155°	0.0	0.0	0.0
156°	0.0	0.0	0.0
157°	0.0	0.0	0.0
158°	0.0	0.0	0.0
159°	0.0	0.0	0.0
160°	0.0	0.0	0.0
161°	0.0	0.0	0.0
162°	0.0	0.0	0.0
163°	0.0	0.0	0.0
164°	0.0	0.0	0.0
165°	0.0	0.0	0.0
166°	0.0	0.0	0.0
167°	0.0	0.0	0.0
168°	0.0	0.0	0.0
169°	0.0	0.0	0.0
170°	0.0	0.0	0.0
171°	0.0	0.0	0.0
172°	0.0	0.0	0.0
173°	0.0	0.0	0.0
174°	0.0	0.0	0.0
175°	0.0	0.0	0.0
176°	0.0	0.0	0.0
177°	0.0	0.0	0.0
178°	0.0	0.0	0.0
179°	0.0	0.0	0.0

REPORT NUMBER: P1440334

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)