

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: P1440338

Luminaire Tested: XSF100-SFTR-6Hx6V-850-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440338
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-850-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7318 lumens
Efficiency: N/A
Efficacy: 162.6 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

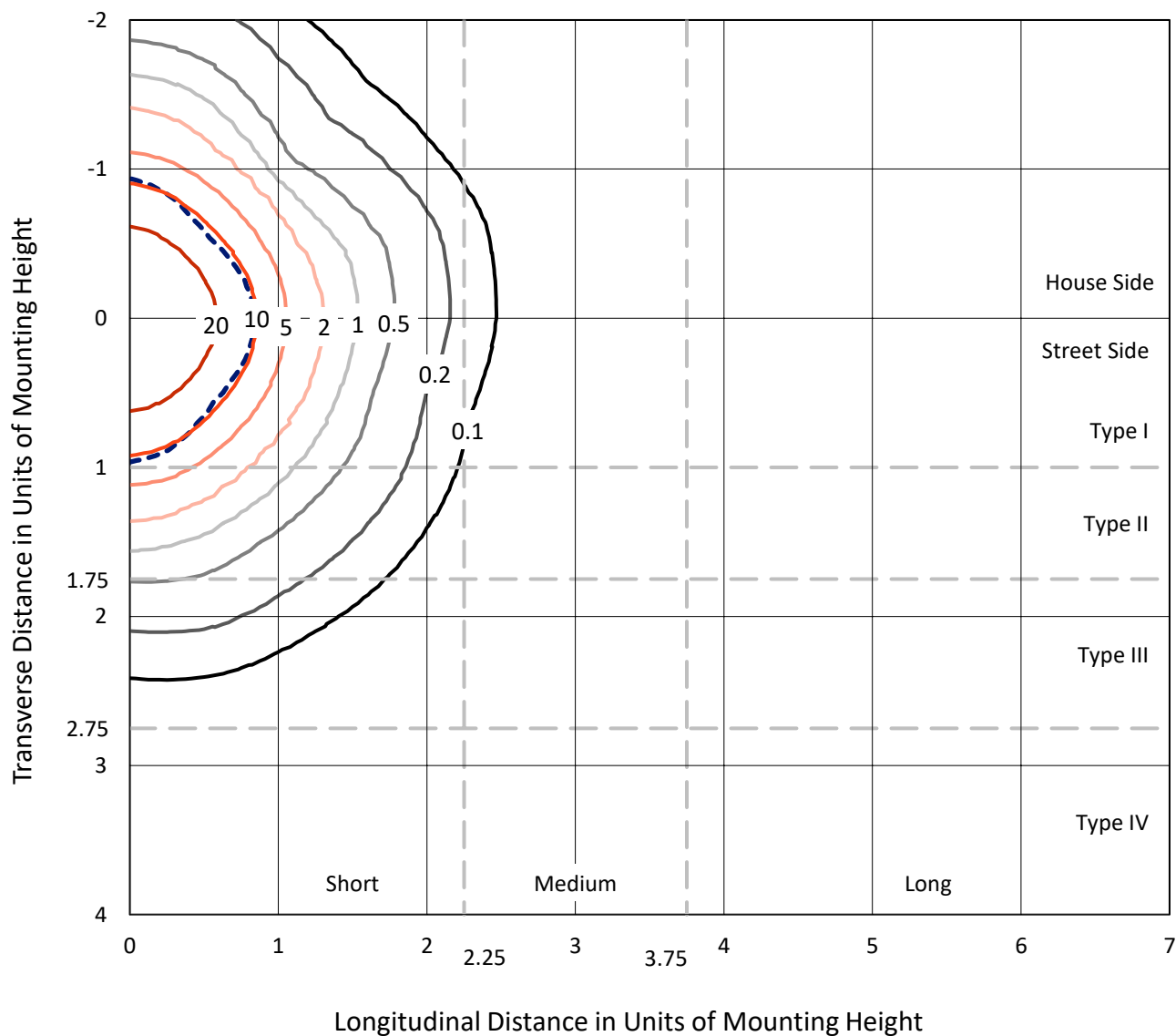
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



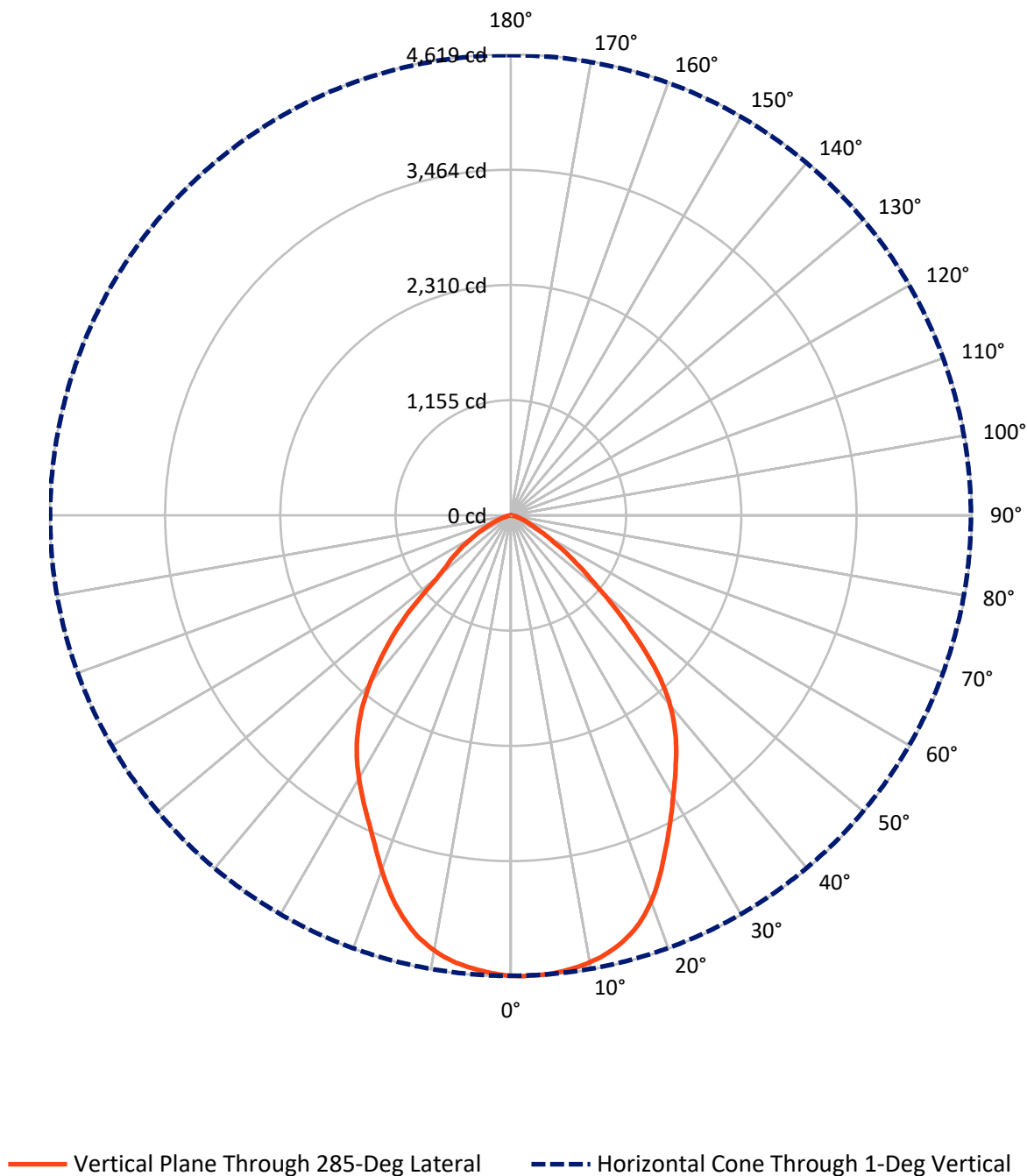
Based on 10 foot mounting height. Maximum calculated value = 46.1 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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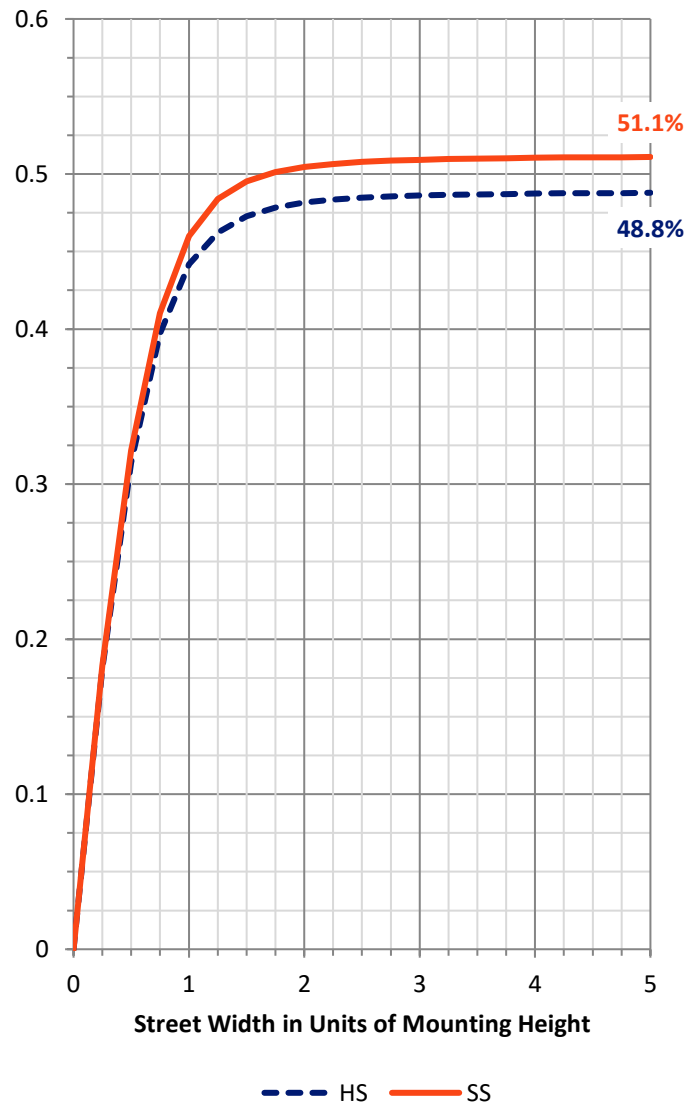
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3592.9	0.0	3592.9
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3725.1	0.0	3725.1
	% Fixture	50.9	0.0	50.9
Total	Lumens	7318.0	0.0	7318.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	434.9	5.9
10°-20°	1206.1	16.5
20°-30°	1630.3	22.3
30°-40°	1735.6	23.7
40°-50°	1352.1	18.5
50°-60°	622.4	8.5
60°-70°	249.7	3.4
70°-80°	77.6	1.1
80°-90°	9.2	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°	7318.0	100.0
0°-180°	7318.0	100.0

Coefficient of Utilization



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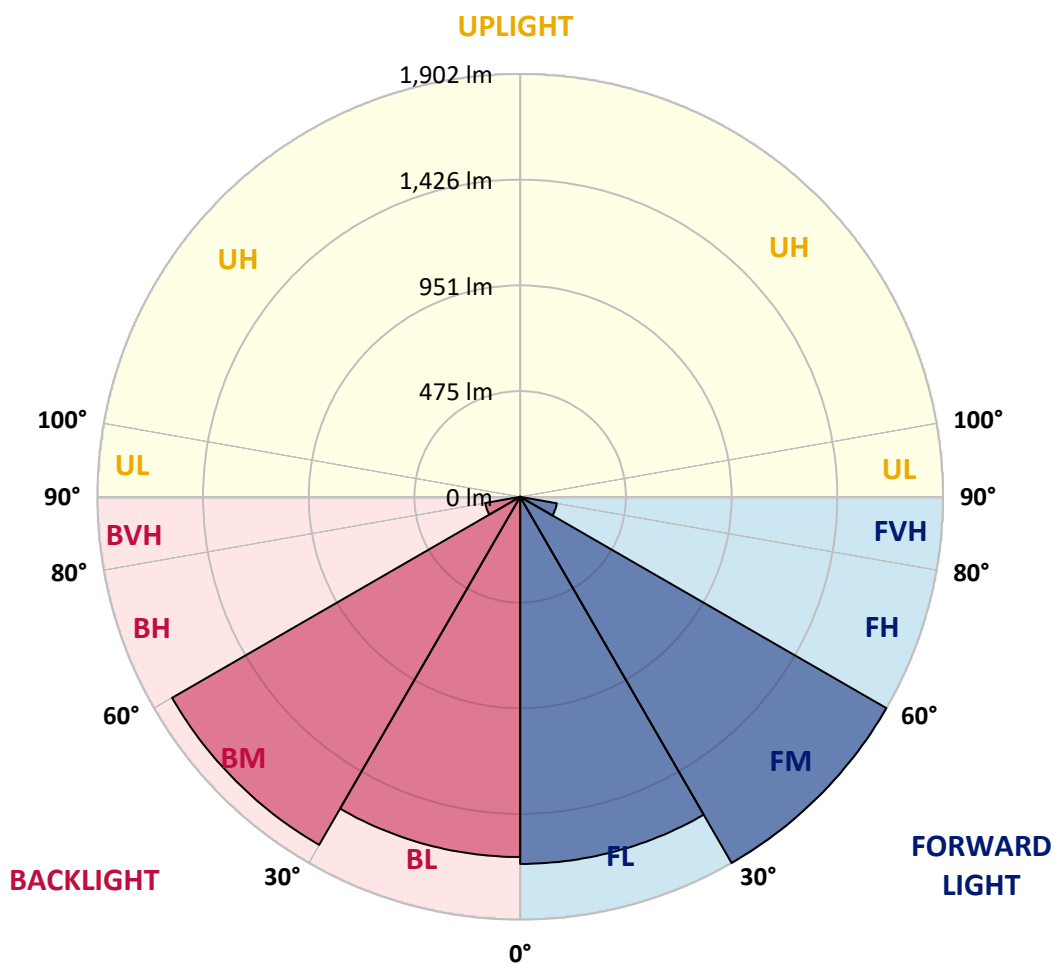
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1651.3	22.6			
FM	(30°-60°)	1902.0	26.0			
FH	(60°-80°)	167.5	2.3			G0/660
FVH	(80°-90°)	4.4	0.1			G0/10
BL	(0°-30°)	1620.1	22.1	B3/2500		
BM	(30°-60°)	1808.2	24.7	B2/2500		
BH	(60°-80°)	159.8	2.2	B1/500		G0/660
BVH	(80°-90°)	4.8	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°	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8
1°	4613.7	4613.4	4612.9	4612.4	4609.7	4610.0	4610.6	4609.9	4611.1	4610.7	4612.0
2°	4612.7	4610.5	4607.9	4607.4	4606.3	4603.2	4602.3	4599.8	4601.7	4604.2	4605.5
3°	4609.7	4606.5	4603.1	4599.7	4596.1	4593.7	4589.3	4590.2	4591.6	4594.5	4596.8
4°	4603.0	4598.3	4593.4	4589.4	4584.5	4580.1	4577.4	4575.0	4577.9	4581.2	4583.3
5°	4594.1	4587.2	4582.7	4574.7	4568.6	4564.5	4560.7	4559.7	4560.8	4563.5	4568.5
6°	4582.3	4574.7	4565.0	4558.2	4551.5	4547.0	4543.9	4543.8	4542.8	4545.0	4552.6
7°	4567.0	4559.3	4550.0	4540.3	4532.5	4527.2	4526.7	4525.2	4525.0	4527.3	4534.7
8°	4554.6	4543.7	4531.7	4521.8	4511.2	4505.0	4504.1	4502.9	4504.5	4508.1	4515.5
9°	4538.7	4524.9	4512.1	4501.0	4487.6	4480.6	4476.0	4475.9	4477.5	4482.4	4493.4
10°	4519.4	4504.7	4489.4	4475.1	4460.8	4451.2	4443.8	4444.5	4449.0	4454.2	4463.9
11°	4497.1	4479.0	4461.0	4444.6	4430.5	4418.3	4408.6	4407.4	4413.0	4422.2	4433.0
12°	4468.8	4449.4	4430.1	4410.2	4395.1	4379.4	4368.3	4364.8	4373.0	4383.5	4397.2
13°	4437.2	4416.7	4395.4	4372.7	4352.4	4335.3	4321.2	4321.1	4327.7	4340.2	4354.7
14°	4402.2	4378.2	4354.2	4330.0	4306.9	4285.3	4266.5	4265.3	4274.1	4290.4	4304.2
15°	4360.9	4334.3	4308.0	4282.4	4254.7	4227.8	4205.6	4202.6	4214.2	4234.4	4247.8
16°	4311.7	4281.7	4253.2	4228.0	4194.8	4165.2	4139.2	4136.9	4148.6	4169.1	4184.1
17°	4254.9	4225.8	4192.3	4166.0	4127.1	4094.9	4067.4	4066.0	4077.0	4097.0	4115.1
18°	4194.1	4161.6	4127.8	4094.8	4052.4	4021.0	3989.5	3988.8	4000.5	4019.5	4039.6
19°	4127.3	4091.5	4058.7	4019.5	3975.1	3941.6	3909.9	3907.9	3917.6	3937.4	3960.6
20°	4057.4	4021.3	3982.4	3935.8	3891.6	3857.3	3828.6	3823.5	3830.5	3848.4	3877.5
21°	3986.2	3946.3	3905.6	3849.6	3803.0	3772.1	3747.2	3738.0	3736.4	3755.9	3784.7
22°	3912.1	3866.1	3817.7	3756.9	3708.9	3686.1	3663.4	3650.0	3643.4	3661.8	3692.3
23°	3832.3	3780.8	3725.2	3659.7	3613.8	3601.4	3585.0	3566.2	3548.2	3559.7	3594.5
24°	3752.5	3698.8	3633.0	3562.4	3520.3	3520.9	3513.5	3487.5	3457.6	3459.0	3504.8
25°	3678.1	3623.0	3545.0	3467.3	3429.5	3445.4	3448.3	3411.9	3367.4	3360.0	3416.9
26°	3610.6	3551.3	3458.6	3372.7	3339.8	3373.3	3384.9	3341.9	3281.8	3268.8	3330.2
27°	3546.8	3482.8	3375.5	3279.5	3255.1	3303.9	3322.1	3274.5	3200.4	3176.1	3244.7
28°	3484.8	3414.2	3291.8	3189.3	3174.2	3235.9	3260.6	3208.6	3118.8	3087.0	3163.3
29°	3429.0	3348.0	3213.7	3102.6	3093.0	3169.3	3200.4	3142.2	3040.2	2999.4	3082.1
30°	3377.2	3285.0	3134.7	3016.2	3011.5	3103.3	3141.2	3076.6	2963.2	2913.9	3002.6
31°	3323.2	3222.0	3056.8	2932.4	2934.2	3037.1	3079.0	3009.6	2891.1	2834.1	2926.4
32°	3270.8	3162.0	2980.5	2852.7	2857.8	2971.9	3014.4	2941.8	2820.4	2754.5	2852.5
33°	3222.2	3105.2	2905.0	2772.6	2783.5	2901.4	2947.5	2871.6	2748.6	2677.4	2779.6
34°	3173.7	3049.9	2833.1	2693.4	2706.0	2830.6	2876.2	2797.4	2675.2	2599.5	2706.5
35°	3123.8	2994.9	2760.4	2611.3	2625.7	2753.6	2800.2	2717.3	2594.8	2519.8	2631.2
36°	3073.5	2937.2	2688.1	2525.4	2547.0	2672.8	2715.8	2634.1	2506.2	2434.6	2551.2
37°	3019.3	2873.8	2612.9	2441.2	2465.9	2590.1	2627.5	2547.3	2412.5	2339.2	2464.5
38°	2958.2	2799.2	2537.0	2360.7	2382.4	2499.2	2534.9	2454.8	2311.8	2236.7	2369.4
39°	2884.2	2715.1	2454.1	2274.3	2292.9	2403.1	2436.7	2354.2	2208.7	2132.1	2271.4
40°	2792.9	2624.0	2358.7	2180.6	2196.3	2295.5	2332.8	2248.6	2103.1	2026.8	2164.4
41°	2694.8	2523.9	2252.0	2079.6	2093.8	2181.6	2215.8	2142.0	1992.7	1919.2	2052.3
42°	2578.6	2412.1	2138.0	1972.7	1983.1	2055.8	2089.6	2023.8	1874.0	1807.3	1934.7
43°	2450.2	2290.6	2020.6	1860.0	1871.2	1923.5	1962.4	1908.9	1753.6	1689.5	1816.9
44°	2315.9	2156.5	1901.8	1745.7	1755.6	1794.0	1837.9	1791.0	1638.4	1585.9	1706.8

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CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2164.2	2019.1	1778.7	1630.9	1642.7	1672.6	1717.0	1680.6	1523.1	1482.3	1604.5
46°	2009.2	1881.5	1655.6	1520.4	1533.3	1552.9	1585.8	1546.9	1407.1	1378.7	1502.2
47°	1857.6	1748.3	1534.0	1412.3	1410.1	1417.1	1454.6	1412.8	1255.7	1270.4	1398.9
48°	1713.2	1617.6	1405.8	1286.4	1278.9	1290.4	1323.5	1262.9	1106.5	1136.2	1260.2
49°	1560.9	1473.5	1254.5	1147.9	1149.7	1167.9	1199.1	1111.8	973.1	1001.5	1106.5
50°	1418.6	1321.0	1101.8	999.0	1028.6	1047.7	1093.7	985.1	831.2	831.5	968.9
51°	1309.6	1161.7	974.8	875.7	924.1	958.2	1011.1	899.3	726.1	698.1	836.3
52°	1183.0	1014.6	875.1	786.4	832.7	878.0	936.9	835.3	651.9	592.8	746.7
53°	1011.5	922.9	779.7	735.2	749.7	793.4	869.9	785.3	589.0	511.1	694.3
54°	921.0	853.2	717.4	684.4	691.7	722.3	792.3	747.1	537.3	432.7	636.9
55°	840.3	757.2	655.7	633.6	633.6	651.3	725.9	697.8	490.1	366.6	569.1
56°	742.4	686.1	593.9	575.9	575.6	580.3	668.0	649.0	446.2	312.6	498.2
57°	653.0	615.7	537.4	527.8	541.8	530.8	608.4	599.7	412.9	281.0	441.0
58°	563.7	545.4	488.3	482.6	492.8	472.4	550.6	565.0	379.7	259.1	390.2
59°	501.0	500.4	446.7	438.0	454.6	423.7	498.8	509.7	336.8	240.8	350.4
60°	441.8	470.6	409.0	397.1	414.5	363.2	457.3	454.7	305.7	223.8	316.1
61°	386.8	426.1	366.9	361.3	372.1	312.4	410.6	419.4	288.1	209.1	285.2
62°	339.7	375.1	329.2	327.6	332.7	285.9	369.4	386.2	264.0	195.9	258.3
63°	301.6	330.0	295.4	296.4	300.5	263.4	337.3	351.7	240.0	183.7	235.2
64°	264.1	297.6	267.7	270.0	273.2	237.1	303.0	312.7	218.0	171.7	214.6
65°	233.6	265.7	244.0	246.5	246.8	213.5	270.7	277.7	198.1	159.8	194.6
66°	208.8	236.8	220.4	224.2	222.7	193.3	239.4	245.0	180.5	148.1	177.2
67°	187.1	210.9	198.3	202.7	199.6	175.4	209.9	214.6	162.9	136.8	159.9
68°	167.6	186.4	177.6	180.9	177.3	158.7	186.2	191.2	145.3	126.2	142.5
69°	149.2	163.4	157.3	159.5	156.8	142.3	162.4	167.7	131.8	115.9	127.6
70°	132.5	142.7	137.6	140.2	138.8	127.2	138.9	144.4	119.8	106.2	114.5
71°	117.3	125.1	120.4	122.4	122.7	113.8	122.6	128.5	108.6	96.8	101.7
72°	103.3	109.5	104.8	107.9	108.0	101.6	108.1	113.5	97.7	87.4	89.9
73°	89.7	94.8	90.7	94.7	95.1	90.1	94.9	99.3	87.1	78.3	79.0
74°	77.9	81.9	78.0	83.0	83.0	79.5	82.4	86.6	77.2	69.5	69.0
75°	67.6	70.6	67.3	72.4	72.6	69.6	71.1	74.1	67.5	60.9	59.2
76°	57.3	59.4	56.5	61.5	62.0	59.8	60.4	62.9	58.3	53.1	49.8
77°	47.1	48.2	45.8	50.7	51.3	50.0	51.3	53.5	50.1	45.5	41.8
78°	38.1	38.4	37.7	41.8	43.3	42.4	43.5	45.0	42.3	37.8	34.8
79°	29.4	30.3	30.7	34.4	35.8	35.1	36.0	37.2	35.3	31.2	28.9
80°	22.3	23.4	24.3	28.0	28.6	28.5	28.7	30.5	28.9	25.7	23.7
81°	16.7	17.5	18.4	22.5	23.5	23.5	23.4	24.7	22.9	20.9	19.2
82°	12.4	13.8	14.5	17.1	18.2	18.8	18.9	19.8	18.3	16.0	14.7
83°	8.8	9.6	9.8	11.8	12.8	13.8	14.5	14.9	13.6	11.2	10.3
84°	5.7	6.7	6.9	7.2	8.6	9.5	10.0	10.1	9.0	7.6	7.0
85°	2.6	3.8	4.0	4.4	5.5	6.8	6.4	6.5	5.8	4.8	4.4
86°	0.8	0.9	1.2	1.8	2.5	4.0	3.6	3.6	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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440338
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8	4614.8
1°	4612.9	4613.4	4614.7	4615.5	4615.3	4616.6	4615.3	4617.1	4619.0	4616.3	4616.3
2°	4609.1	4609.2	4610.7	4612.3	4614.2	4615.0	4615.6	4617.2	4615.8	4615.8	4615.4
3°	4600.2	4602.0	4604.9	4609.2	4612.1	4611.8	4615.3	4617.7	4613.9	4614.6	4613.7
4°	4587.2	4590.8	4594.4	4600.6	4604.6	4607.1	4610.3	4611.5	4612.3	4610.5	4612.3
5°	4572.8	4579.0	4585.6	4590.3	4595.8	4600.0	4604.3	4608.9	4607.1	4607.3	4608.7
6°	4558.8	4564.7	4571.7	4577.4	4585.3	4589.7	4594.0	4596.6	4597.4	4600.4	4601.7
7°	4542.6	4551.2	4559.2	4564.3	4571.1	4575.5	4580.0	4584.0	4585.8	4587.5	4589.3
8°	4524.8	4534.1	4542.2	4549.0	4556.9	4561.0	4564.8	4570.1	4572.7	4575.1	4573.3
9°	4501.6	4512.5	4522.5	4529.8	4538.7	4543.5	4547.2	4552.9	4557.2	4558.0	4556.1
10°	4474.8	4486.1	4497.3	4506.6	4517.7	4522.7	4528.5	4535.3	4537.4	4540.3	4540.1
11°	4443.5	4453.7	4464.8	4478.7	4492.3	4500.8	4507.0	4514.3	4518.7	4519.5	4521.5
12°	4408.2	4417.0	4431.9	4446.0	4459.2	4473.5	4481.7	4486.2	4490.3	4495.3	4497.8
13°	4364.3	4376.8	4392.0	4410.4	4424.6	4440.7	4446.6	4453.6	4459.4	4465.9	4469.8
14°	4314.6	4330.2	4345.6	4367.6	4386.0	4398.4	4408.4	4416.6	4424.8	4434.1	4439.5
15°	4258.5	4274.9	4293.1	4319.1	4342.1	4355.5	4362.6	4373.6	4383.1	4395.6	4403.1
16°	4197.6	4213.5	4234.7	4262.6	4289.1	4301.9	4311.7	4323.7	4337.7	4353.1	4359.7
17°	4129.8	4147.6	4171.0	4201.2	4228.9	4240.4	4253.3	4266.2	4283.5	4302.1	4313.3
18°	4057.0	4078.9	4104.9	4134.7	4159.9	4173.2	4184.2	4200.5	4221.0	4247.1	4258.6
19°	3980.9	4006.1	4033.8	4063.2	4084.5	4097.3	4108.1	4127.2	4151.4	4181.1	4195.6
20°	3898.2	3924.4	3955.2	3985.7	4001.3	4012.9	4025.7	4046.9	4075.6	4108.1	4127.6
21°	3810.2	3838.1	3868.8	3901.6	3914.7	3921.9	3934.5	3962.6	3993.0	4027.0	4051.4
22°	3727.4	3762.0	3788.9	3811.1	3819.0	3822.2	3842.3	3871.9	3902.3	3939.5	3968.7
23°	3646.5	3692.8	3717.4	3724.0	3719.4	3718.6	3743.7	3780.2	3812.3	3845.5	3878.4
24°	3571.5	3628.7	3650.8	3641.5	3614.9	3611.1	3644.3	3689.2	3721.2	3747.5	3779.7
25°	3506.7	3572.1	3586.9	3557.9	3511.4	3505.5	3544.2	3595.5	3632.2	3648.1	3679.8
26°	3441.7	3517.2	3527.5	3475.7	3408.6	3404.0	3448.7	3510.3	3544.4	3550.5	3580.8
27°	3377.3	3466.2	3467.7	3395.8	3309.3	3303.9	3359.7	3426.2	3458.8	3454.6	3479.2
28°	3312.4	3416.0	3409.2	3316.3	3216.4	3208.9	3275.0	3350.9	3376.7	3360.0	3375.9
29°	3250.8	3365.4	3350.6	3237.3	3125.1	3115.9	3192.0	3275.5	3293.9	3269.0	3278.1
30°	3193.1	3314.7	3292.8	3156.5	3034.2	3026.6	3114.5	3201.0	3216.3	3178.8	3178.8
31°	3134.2	3263.8	3235.5	3077.2	2946.0	2940.4	3038.7	3130.8	3142.3	3090.1	3084.1
32°	3076.9	3213.3	3180.4	2998.8	2860.6	2858.7	2964.3	3061.0	3069.2	3001.9	2991.4
33°	3018.7	3163.7	3122.4	2922.4	2778.5	2782.3	2890.6	2994.5	2995.2	2914.0	2903.0
34°	2958.9	3116.1	3061.8	2848.1	2697.7	2707.0	2819.1	2926.8	2925.6	2827.9	2814.2
35°	2896.5	3068.2	2999.7	2771.8	2617.5	2630.4	2744.6	2856.8	2854.3	2741.2	2726.5
36°	2830.7	3014.1	2932.5	2690.5	2536.1	2553.4	2668.1	2786.2	2779.7	2655.7	2640.1
37°	2757.7	2948.9	2858.5	2609.6	2452.4	2472.5	2592.8	2714.2	2701.3	2571.0	2554.9
38°	2672.9	2871.4	2776.4	2521.5	2364.9	2386.7	2515.5	2638.0	2618.1	2483.2	2470.0
39°	2577.1	2783.5	2683.1	2425.5	2273.2	2294.7	2432.7	2557.7	2531.3	2392.4	2380.9
40°	2469.7	2682.4	2577.5	2321.4	2172.7	2196.3	2340.6	2466.5	2437.6	2299.4	2291.1
41°	2354.3	2571.3	2457.2	2210.4	2067.1	2093.1	2239.8	2361.8	2331.5	2199.1	2194.7
42°	2229.3	2448.1	2324.2	2087.8	1956.6	1984.9	2130.6	2246.8	2214.3	2093.6	2090.3
43°	2100.8	2315.7	2185.6	1957.2	1840.2	1873.2	2013.2	2120.2	2084.4	1982.8	1975.7
44°	1978.1	2187.0	2048.5	1824.5	1715.8	1754.6	1893.6	1988.8	1943.7	1863.1	1859.1

REPORT NUMBER: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1855.5	2059.2	1910.8	1694.0	1601.5	1633.0	1769.0	1856.7	1799.0	1738.7	1741.2
46°	1740.5	1937.6	1784.6	1574.9	1487.1	1511.5	1649.5	1727.6	1650.8	1610.3	1624.6
47°	1605.9	1794.1	1643.7	1455.8	1372.9	1389.9	1530.0	1610.7	1521.9	1485.9	1512.3
48°	1471.2	1675.4	1502.8	1335.6	1250.4	1257.5	1410.0	1481.3	1388.0	1370.2	1403.2
49°	1336.6	1556.8	1362.6	1175.0	1089.3	1096.4	1261.2	1350.7	1250.5	1246.2	1271.0
50°	1222.1	1438.1	1250.6	1037.5	919.7	952.9	1105.1	1212.0	1123.7	1115.5	1121.3
51°	1117.8	1322.8	1172.3	924.5	766.9	830.8	968.3	1086.1	1020.9	983.5	969.6
52°	1037.7	1206.2	1078.6	803.8	629.7	702.4	864.1	989.7	933.1	867.1	844.1
53°	993.3	1143.6	1032.3	747.7	554.6	621.0	800.0	922.0	850.5	775.4	758.5
54°	934.1	1083.1	980.6	683.5	477.2	564.1	756.4	840.0	768.4	717.5	702.1
55°	871.8	1004.3	894.8	611.5	401.1	513.9	723.2	765.4	697.6	659.6	646.5
56°	781.2	913.9	802.3	544.1	339.6	472.7	685.6	703.6	627.0	601.7	590.8
57°	695.8	816.8	719.4	479.9	300.6	441.3	634.9	641.8	556.5	562.0	540.9
58°	635.1	735.6	645.5	423.4	276.6	412.7	586.0	580.1	485.6	505.1	497.9
59°	569.5	670.5	578.4	380.5	255.8	370.7	555.1	532.2	450.4	456.9	457.6
60°	498.9	598.9	510.6	350.8	238.1	328.5	502.9	483.8	401.0	429.4	420.0
61°	442.5	525.5	449.8	311.7	222.1	297.3	445.8	430.9	343.3	390.0	383.8
62°	393.7	460.8	392.3	274.4	207.7	274.9	403.4	393.0	303.8	350.0	350.2
63°	347.4	402.3	346.7	244.4	194.5	251.6	371.0	360.6	270.0	310.8	319.4
64°	313.9	353.2	307.7	219.9	182.1	230.5	333.0	324.8	241.0	279.6	289.2
65°	281.1	308.9	274.6	198.4	169.7	209.8	297.1	290.8	218.6	254.1	261.4
66°	249.8	272.3	243.6	181.0	157.3	191.9	264.8	258.9	198.6	230.2	236.9
67°	221.4	237.8	217.1	163.6	145.7	174.1	234.3	229.6	181.2	207.5	214.0
68°	195.4	206.2	193.0	146.3	134.0	156.3	207.1	202.0	164.5	185.8	191.0
69°	169.5	179.0	168.9	131.5	123.5	142.2	185.1	177.0	148.7	165.2	168.1
70°	143.6	152.0	144.9	117.7	113.5	128.6	163.1	154.2	133.7	145.9	146.8
71°	123.4	131.8	125.8	104.6	103.8	115.9	141.2	134.9	119.2	127.9	128.2
72°	105.6	113.3	109.2	93.0	94.0	104.4	124.8	118.5	106.6	112.5	112.2
73°	90.4	96.2	94.1	82.2	84.3	93.9	110.2	103.6	94.9	99.0	98.6
74°	76.1	81.1	80.1	72.2	75.0	83.5	96.3	90.2	84.1	86.8	86.3
75°	63.8	68.0	67.2	62.5	65.9	73.5	83.1	78.0	73.3	75.4	74.9
76°	53.4	56.6	56.2	52.9	57.6	63.9	70.2	67.8	63.8	65.7	64.6
77°	44.5	47.1	47.0	44.5	49.5	54.7	59.3	57.6	54.2	56.0	54.4
78°	36.7	39.0	38.9	37.4	41.6	46.1	50.0	47.4	45.8	46.4	44.2
79°	29.9	31.7	31.7	31.3	34.6	39.0	42.0	39.9	38.9	39.0	36.8
80°	24.1	25.4	25.6	25.6	28.6	32.4	34.7	32.1	32.0	31.8	30.2
81°	19.6	20.8	20.8	21.0	23.2	26.1	28.2	25.6	25.5	25.4	24.3
82°	15.2	16.2	16.1	16.4	18.7	21.0	22.4	20.6	20.5	20.1	18.6
83°	10.7	11.6	11.4	11.8	14.1	15.9	17.6	16.1	15.5	14.9	13.2
84°	7.3	7.9	7.9	8.2	9.6	10.8	12.8	11.8	11.1	10.3	8.4
85°	4.6	5.0	5.0	5.2	6.2	7.3	8.0	7.9	7.3	7.3	5.4
86°	2.3	2.6	2.7	2.9	3.4	4.5	4.8	5.2	4.9	4.4	2.4
87°	1.0	1.1	1.2	1.3	1.5	2.2	2.6	2.4	2.4	1.5	0.8
88°	0.5	0.5	0.6	0.5	0.6	0.7	0.7	0.7	0.7	0.4	0.2
89°	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440338
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4614.8	4614.8	4614.8
1°	4615.6	4615.0	4613.7
2°	4614.8	4614.5	4612.7
3°	4614.7	4612.9	4609.7
4°	4611.6	4608.4	4603.0
5°	4604.6	4600.7	4594.1
6°	4596.0	4590.6	4582.3
7°	4582.6	4576.6	4567.0
8°	4568.1	4563.2	4554.6
9°	4555.0	4547.3	4538.7
10°	4537.4	4533.6	4519.4
11°	4517.8	4510.9	4497.1
12°	4494.2	4484.7	4468.8
13°	4466.5	4456.0	4437.2
14°	4433.5	4422.4	4402.2
15°	4398.0	4385.0	4360.9
16°	4354.8	4338.8	4311.7
17°	4306.0	4287.0	4254.9
18°	4252.7	4227.4	4194.1
19°	4192.2	4164.4	4127.3
20°	4124.0	4095.3	4057.4
21°	4051.1	4025.4	3986.2
22°	3972.1	3949.4	3912.1
23°	3885.1	3868.8	3832.3
24°	3794.3	3786.0	3752.5
25°	3704.4	3700.4	3678.1
26°	3611.8	3623.9	3610.6
27°	3522.2	3553.3	3546.8
28°	3432.5	3483.9	3484.8
29°	3349.2	3417.0	3429.0
30°	3262.5	3350.9	3377.2
31°	3178.4	3286.2	3323.2
32°	3100.0	3225.6	3270.8
33°	3021.6	3166.1	3222.2
34°	2943.9	3108.4	3173.7
35°	2862.9	3051.5	3123.8
36°	2787.5	2998.2	3073.5
37°	2713.9	2940.3	3019.3
38°	2631.7	2877.3	2958.2
39°	2541.4	2800.5	2884.2
40°	2443.9	2706.2	2792.9
41°	2339.1	2602.5	2694.8
42°	2222.7	2491.5	2578.6
43°	2106.1	2372.3	2450.2
44°	1987.0	2245.2	2315.9

REPORT NUMBER: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1862.7	2104.5	2164.2
46°	1737.5	1961.4	2009.2
47°	1611.2	1820.5	1857.6
48°	1486.7	1682.2	1713.2
49°	1357.5	1533.0	1560.9
50°	1205.6	1379.4	1418.6
51°	1045.8	1207.3	1309.6
52°	906.2	1083.2	1183.0
53°	824.0	958.4	1011.5
54°	744.4	856.7	921.0
55°	690.9	787.8	840.3
56°	637.6	717.3	742.4
57°	584.3	646.8	653.0
58°	531.1	576.2	563.7
59°	482.4	521.6	501.0
60°	436.4	460.8	441.8
61°	397.6	406.9	386.8
62°	359.1	366.1	339.7
63°	320.6	328.0	301.6
64°	286.6	292.6	264.1
65°	256.8	260.8	233.6
66°	225.8	232.6	208.8
67°	196.6	208.8	187.1
68°	172.8	186.2	167.6
69°	151.9	165.4	149.2
70°	134.6	145.6	132.5
71°	118.3	128.4	117.3
72°	104.0	113.1	103.3
73°	91.1	97.9	89.7
74°	78.8	84.1	77.9
75°	68.4	72.8	67.6
76°	58.0	61.6	57.3
77°	47.6	50.4	47.1
78°	39.5	40.9	38.1
79°	32.7	32.2	29.4
80°	26.2	25.0	22.3
81°	19.9	18.7	16.7
82°	14.9	13.6	12.4
83°	10.6	10.0	8.8
84°	7.6	7.0	5.7
85°	4.6	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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440338

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)