

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: P1440323

Luminaire Tested: XSF100-SFTR-5Hx5V-850-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440323
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-850-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17522.2 lumens
Efficiency: N/A
Efficacy: 160.8 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 109
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

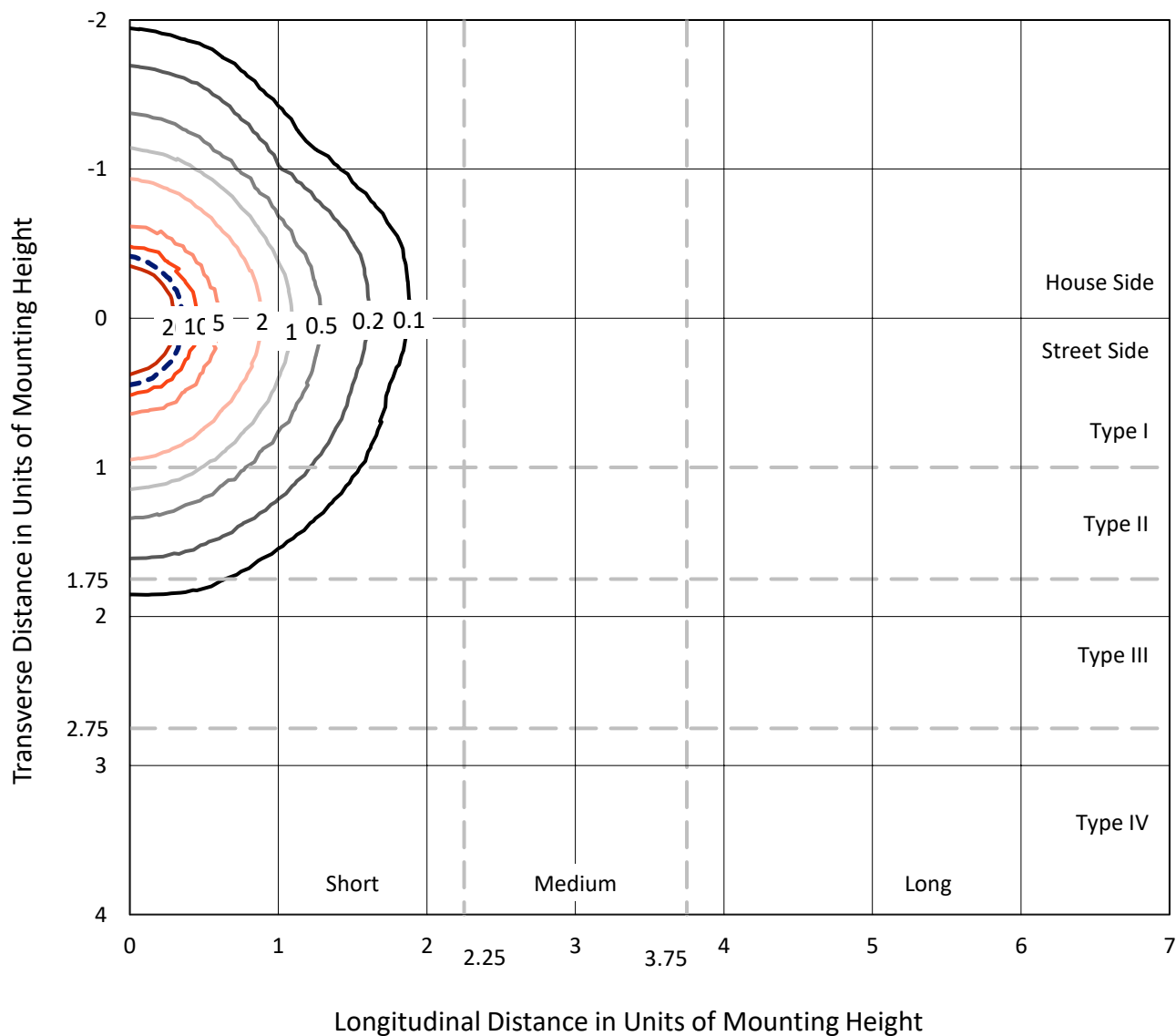
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



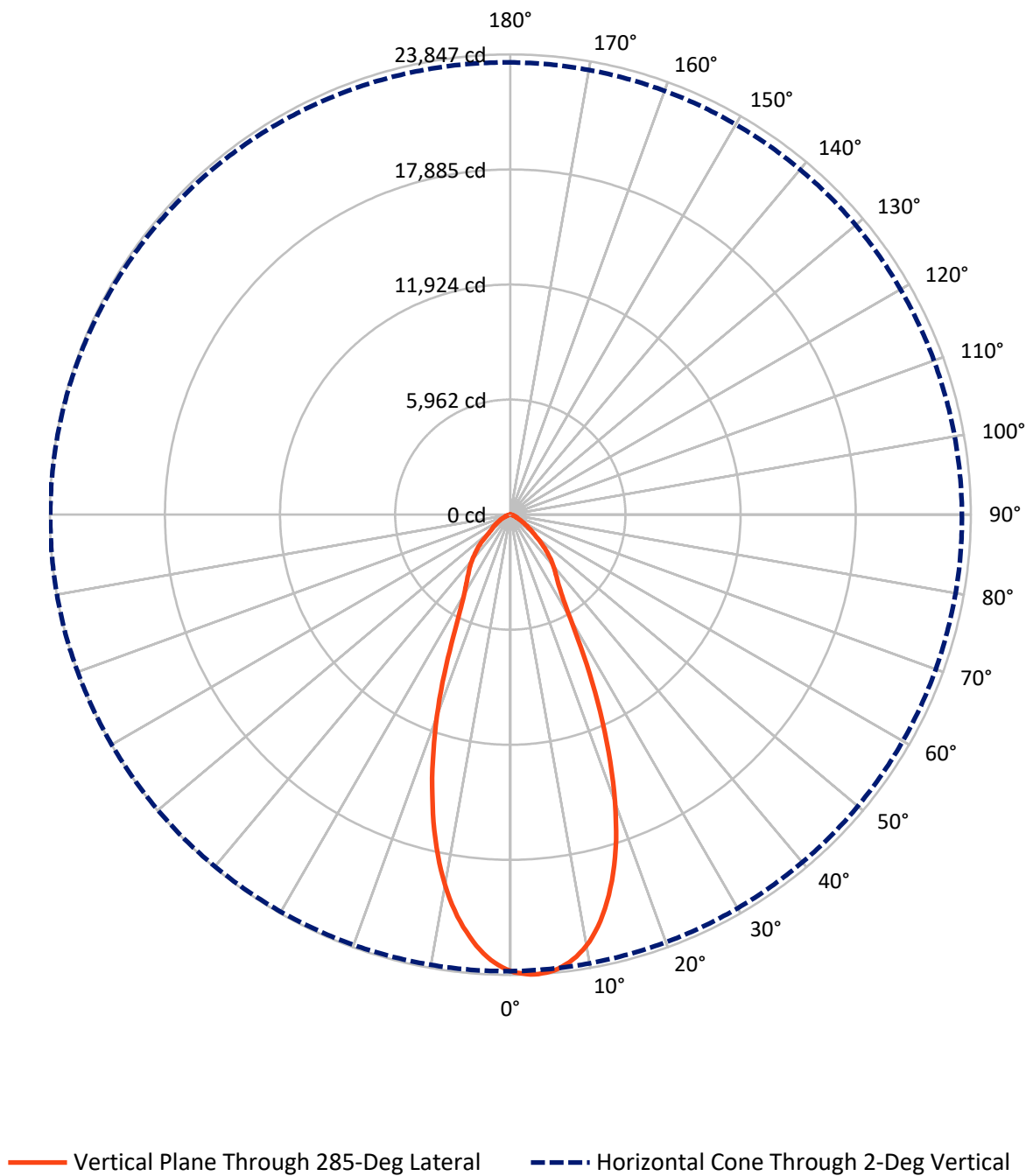
Based on 25 foot mounting height. Maximum calculated value = 37.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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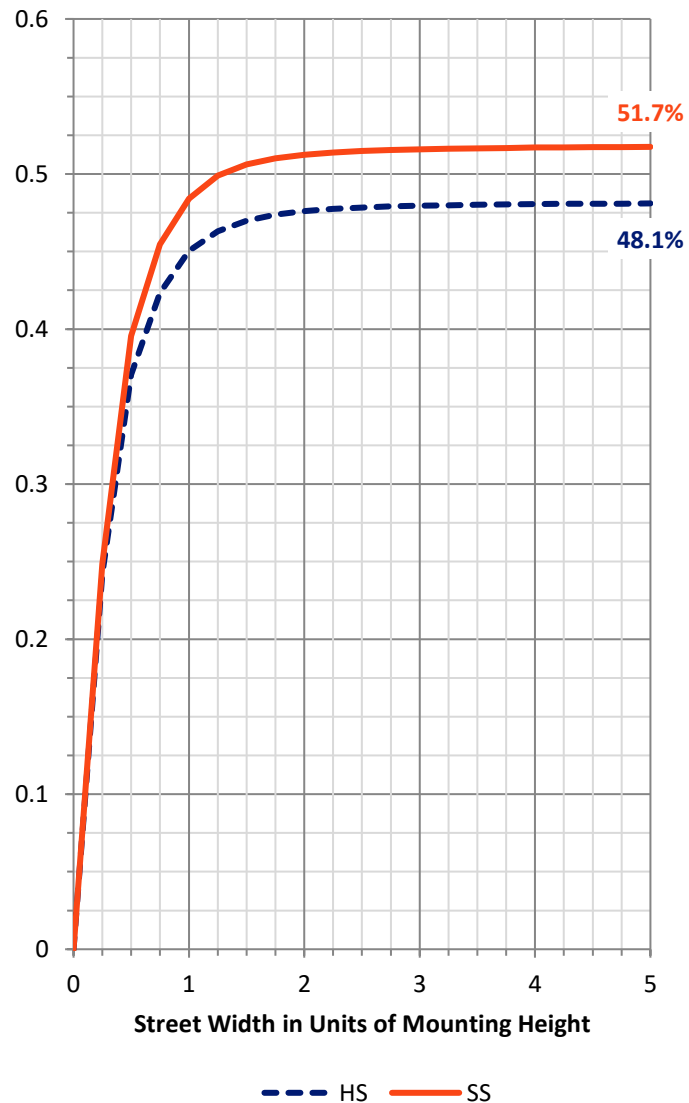
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8513.4	0.0	8513.4
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	9008.8	0.0	9008.8
	% Fixture	51.4	0.0	51.4
Total	Lumens	17522.2	0.0	17522.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2132.4	12.2
10°-20°	5040.3	28.8
20°-30°	4278.5	24.4
30°-40°	2616.4	14.9
40°-50°	1907.9	10.9
50°-60°	947.5	5.4
60°-70°	426.5	2.4
70°-80°	153.3	0.9
80°-90°	19.4	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°	17522.2	100.0
0°-180°	17522.2	100.0

Coefficient of Utilization



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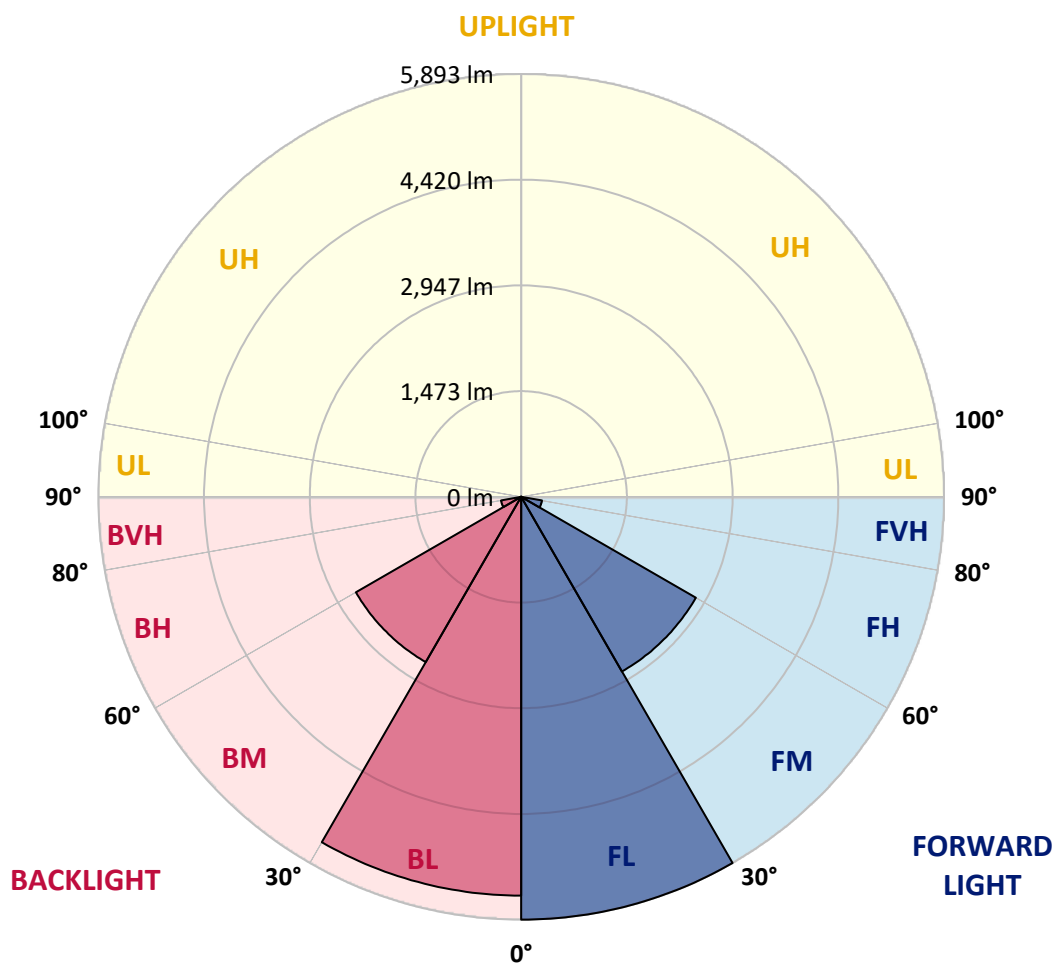
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5893.3	33.6			
FM	(30°-60°)	2811.8	16.0			
FH	(60°-80°)	294.5	1.7			G0/660
FVH	(80°-90°)	9.2	0.1			G0/10
BL	(0°-30°)	5558.0	31.7	B5		
BM	(30°-60°)	2660.0	15.2	B3/5000		
BH	(60°-80°)	285.3	1.6	B1/500		G0/660
BVH	(80°-90°)	10.2	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7
1°	23740.9	23705.5	23673.8	23647.7	23621.6	23601.1	23578.8	23554.5	23552.7	23558.3	23573.2
2°	23653.3	23588.1	23543.3	23507.9	23472.5	23427.8	23390.5	23353.2	23340.2	23345.8	23347.6
3°	23489.3	23411.0	23343.9	23291.7	23239.5	23187.4	23131.4	23094.2	23069.9	23068.1	23079.3
4°	23260.1	23152.0	23071.8	23019.6	22952.5	22898.5	22822.1	22775.5	22755.0	22756.8	22771.7
5°	22984.2	22879.8	22781.1	22695.3	22615.2	22551.8	22462.4	22404.6	22384.1	22402.7	22440.0
6°	22687.9	22570.5	22458.6	22343.1	22227.5	22138.1	22035.5	21968.4	21962.9	22013.2	22097.0
7°	22395.3	22261.1	22117.6	21955.4	21793.3	21677.7	21577.1	21508.1	21510.0	21592.0	21731.7
8°	22134.3	21966.6	21770.9	21547.2	21329.2	21176.3	21045.9	20991.8	21025.4	21154.0	21364.6
9°	21865.9	21670.2	21411.2	21109.2	20822.2	20622.8	20468.1	20425.2	20483.0	20671.3	20963.9
10°	21580.8	21347.8	21023.5	20650.8	20292.9	20037.6	19834.4	19806.5	19905.2	20156.8	20509.1
11°	21249.0	20991.8	20600.4	20160.6	19722.6	19390.8	19165.3	19137.4	19288.3	19592.1	20017.1
12°	20852.0	20557.6	20143.8	19621.9	19128.0	18721.7	18436.9	18426.9	18616.6	18984.5	19448.6
13°	20380.5	20065.5	19607.0	19034.8	18476.3	17989.3	17656.8	17658.3	17900.7	18316.5	18813.1
14°	19845.6	19484.0	18986.4	18399.3	17766.2	17215.4	16841.0	16848.6	17140.3	17590.8	18110.6
15°	19254.8	18867.1	18281.5	17696.6	17027.4	16403.9	15979.4	16006.8	16319.9	16809.1	17337.1
16°	18637.9	18165.8	17546.1	16942.2	16222.6	15556.3	15102.3	15120.5	15457.9	15987.9	16510.0
17°	17985.7	17437.6	16766.2	16130.9	15368.8	14668.6	14214.2	14237.6	14572.6	15103.0	15644.1
18°	17306.7	16696.4	15960.3	15276.5	14490.4	13783.1	13333.3	13329.6	13662.1	14192.0	14745.9
19°	16603.0	15924.7	15115.3	14371.3	13584.6	12880.8	12452.9	12444.5	12743.3	13224.9	13807.3
20°	15859.5	15102.1	14233.9	13453.0	12679.7	12001.9	11578.4	11562.9	11821.4	12238.9	12817.1
21°	15031.8	14203.5	13298.9	12522.2	11758.8	11118.2	10697.9	10673.9	10892.2	11244.8	11781.4
22°	14108.5	13275.7	12345.5	11578.6	10851.7	10228.6	9835.2	9797.0	9993.2	10264.1	10744.5
23°	13103.2	12266.9	11367.6	10619.9	9933.2	9350.6	8982.3	8926.4	9084.7	9306.6	9722.1
24°	12036.7	11235.8	10393.4	9679.4	9042.7	8508.9	8167.9	8105.2	8213.9	8380.1	8762.2
25°	10966.7	10235.5	9452.6	8784.0	8192.3	7728.2	7438.7	7343.5	7403.3	7530.3	7873.2
26°	9885.0	9239.2	8535.8	7923.9	7403.3	7026.1	6790.1	6684.5	6677.2	6776.0	7065.8
27°	8840.3	8303.0	7687.0	7136.3	6709.4	6428.8	6242.2	6128.5	6070.5	6120.5	6383.5
28°	7864.8	7434.3	6923.8	6448.5	6101.1	5912.1	5777.6	5654.2	5563.6	5583.3	5800.3
29°	7031.1	6693.2	6269.6	5864.8	5600.1	5476.5	5387.8	5264.3	5145.5	5137.3	5330.1
30°	6342.7	6066.3	5722.4	5373.3	5170.5	5113.5	5063.7	4936.2	4808.2	4776.1	4943.1
31°	5801.6	5577.9	5266.7	4962.3	4813.6	4812.3	4789.9	4668.8	4526.0	4478.9	4637.1
32°	5379.4	5183.7	4890.4	4630.0	4520.6	4557.9	4562.2	4433.8	4291.9	4232.7	4381.9
33°	5055.5	4875.1	4586.8	4347.1	4272.4	4340.6	4361.1	4232.7	4091.0	4018.3	4165.6
34°	4799.1	4630.4	4336.8	4106.9	4052.2	4149.5	4187.9	4055.0	3910.2	3836.2	3984.4
35°	4591.8	4425.2	4126.6	3895.9	3858.0	3972.5	4022.6	3888.4	3742.7	3666.8	3821.7
36°	4419.6	4250.4	3945.1	3704.6	3684.5	3812.0	3865.5	3733.7	3588.0	3513.1	3669.6
37°	4271.1	4092.7	3782.7	3537.7	3525.9	3658.1	3715.1	3591.0	3433.3	3359.1	3527.4
38°	4133.1	3941.2	3633.8	3385.6	3377.7	3507.6	3572.1	3448.0	3278.6	3205.2	3385.2
39°	3992.8	3790.6	3489.2	3237.4	3229.2	3355.6	3429.2	3304.9	3122.4	3046.4	3242.8
40°	3842.2	3639.8	3337.5	3085.3	3081.2	3194.9	3286.0	3151.1	2971.1	2891.3	3089.4
41°	3685.3	3484.3	3177.2	2931.9	2928.9	3032.6	3122.2	3000.3	2811.0	2738.8	2931.9
42°	3516.0	3319.6	3012.1	2777.4	2772.9	2859.2	2950.4	2837.2	2649.9	2584.5	2772.9
43°	3337.9	3145.1	2849.9	2618.1	2615.5	2680.5	2780.6	2681.6	2485.9	2425.7	2613.8
44°	3151.3	2963.6	2683.3	2463.7	2457.6	2507.5	2612.3	2526.0	2321.3	2270.1	2465.0

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CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2948.3	2780.2	2518.5	2310.3	2307.9	2345.6	2452.0	2375.4	2166.3	2122.3	2319.7
46°	2742.6	2600.4	2354.0	2161.4	2160.9	2186.4	2278.5	2210.1	2009.0	1994.8	2183.4
47°	2542.8	2422.0	2193.3	2014.8	1996.7	2012.1	2093.6	2014.0	1814.0	1851.1	2033.0
48°	2356.2	2250.7	2023.9	1849.1	1825.6	1849.1	1919.3	1817.1	1618.4	1675.2	1848.4
49°	2158.3	2060.4	1824.5	1671.3	1671.4	1688.2	1756.1	1625.8	1445.0	1499.6	1643.7
50°	1976.2	1862.1	1656.7	1496.6	1517.2	1551.5	1613.0	1459.6	1263.3	1279.8	1461.2
51°	1833.3	1647.4	1490.1	1321.9	1363.0	1415.4	1497.5	1342.2	1123.9	1106.0	1285.1
52°	1655.8	1498.9	1323.4	1201.5	1245.2	1307.1	1394.8	1254.1	1025.3	964.8	1160.2
53°	1495.5	1350.4	1192.1	1110.7	1133.1	1190.8	1300.8	1182.0	939.3	853.3	1082.2
54°	1335.7	1249.2	1100.4	1049.6	1030.0	1074.2	1194.4	1124.7	867.1	745.7	997.8
55°	1225.0	1119.4	1004.6	981.8	949.5	975.3	1100.1	1054.8	800.6	652.8	903.4
56°	1098.5	1009.4	923.9	901.3	894.5	899.9	1019.9	988.3	738.0	578.8	806.8
57°	976.8	921.5	844.3	831.3	844.6	830.2	938.3	917.7	688.5	528.8	725.9
58°	859.4	836.9	773.3	765.1	776.1	750.9	858.3	866.2	639.4	492.3	654.1
59°	777.4	772.4	712.1	699.5	722.2	684.0	787.0	790.9	579.3	459.4	595.2
60°	695.5	726.9	656.6	639.4	664.3	600.9	727.0	715.5	532.4	429.7	544.9
61°	621.9	663.8	596.0	587.1	602.5	533.8	662.9	665.0	503.1	405.1	497.8
62°	555.7	594.1	540.4	537.8	548.2	494.4	605.7	617.6	466.0	380.5	458.0
63°	500.5	533.0	493.8	493.2	502.1	460.5	561.7	569.7	430.3	356.0	424.0
64°	448.3	488.0	453.4	454.1	461.7	421.6	515.5	514.9	396.5	334.7	392.2
65°	404.0	441.4	419.1	418.7	422.1	386.4	470.0	465.7	362.8	314.5	360.5
66°	366.7	399.9	384.8	384.8	385.1	354.8	426.8	421.4	333.1	294.0	331.1
67°	332.8	362.6	352.1	352.5	349.5	327.0	383.7	377.2	304.0	273.8	301.6
68°	301.0	326.2	319.0	319.5	314.8	299.9	340.6	333.1	275.7	254.4	272.7
69°	271.6	292.4	285.1	286.4	282.1	272.4	303.3	297.2	250.3	234.8	248.7
70°	243.0	260.1	254.5	255.4	251.5	246.5	273.5	267.0	227.1	215.7	239.4
71°	217.9	231.4	231.9	226.7	224.0	222.8	262.9	239.5	206.0	196.6	227.5
72°	193.5	205.4	227.3	201.3	198.8	200.4	234.9	213.6	186.0	178.0	204.6
73°	170.8	181.2	203.6	177.9	175.7	178.6	202.5	189.0	166.2	158.7	175.1
74°	150.9	159.1	172.4	157.3	155.6	158.7	173.6	166.0	147.4	140.4	151.4
75°	131.2	137.0	147.8	136.7	135.5	138.8	149.5	144.3	129.4	123.4	130.9
76°	111.4	114.9	123.3	116.2	115.4	118.8	129.3	124.6	112.3	107.0	111.8
77°	94.7	96.1	98.9	97.5	98.1	101.3	111.4	106.4	96.4	91.4	95.0
78°	78.1	77.8	82.5	81.1	82.9	85.4	95.9	89.6	81.7	75.8	79.8
79°	61.5	62.2	68.1	66.6	68.7	70.5	80.7	74.0	68.1	62.2	66.8
80°	48.0	48.3	54.2	53.7	55.0	57.1	65.7	60.2	55.4	50.5	54.7
81°	36.5	36.6	41.0	42.8	44.6	46.3	53.4	49.8	45.3	41.1	44.2
82°	27.2	27.8	31.4	32.0	34.1	36.3	43.1	39.3	35.1	31.7	33.8
83°	19.3	19.5	21.3	22.4	24.7	27.1	32.9	28.9	25.0	22.4	23.4
84°	13.6	13.7	15.0	16.1	18.1	19.9	22.7	21.1	18.6	16.3	16.2
85°	7.8	7.9	8.8	10.0	11.8	13.5	14.3	14.6	12.4	10.7	9.8
86°	2.0	2.1	2.5	3.9	5.4	8.0	7.7	7.8	6.6	5.7	5.0
87°	0.6	0.6	0.7	1.0	1.7	2.5	3.0	3.0	2.6	2.3	2.2
88°	0.3	0.3	0.3	0.3	0.4	0.6	0.7	0.8	0.8	0.9	1.0
89°	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4



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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: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

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



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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: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7	23716.7
1°	23591.8	23630.9	23647.7	23688.7	23716.7	23750.2	23776.3	23789.4	23785.6	23800.5	23806.1
2°	23379.3	23433.4	23487.4	23560.1	23645.9	23722.3	23789.4	23828.5	23847.1	23834.1	23815.5
3°	23116.5	23170.6	23256.3	23364.4	23498.6	23629.1	23759.5	23813.6	23843.4	23819.2	23761.4
4°	22816.5	22883.6	22984.2	23120.3	23310.4	23496.8	23683.1	23767.0	23808.0	23744.6	23634.7
5°	22508.9	22585.4	22689.7	22844.4	23075.5	23321.6	23556.4	23685.0	23726.0	23625.4	23466.9
6°	22201.4	22279.7	22385.9	22568.6	22816.5	23105.4	23388.7	23556.4	23582.5	23465.1	23254.5
7°	21877.1	21990.8	22108.2	22285.3	22540.6	22851.9	23172.5	23366.3	23390.5	23247.0	23015.9
8°	21565.9	21711.2	21841.7	22020.6	22264.8	22576.0	22909.7	23129.6	23159.4	22995.4	22741.9
9°	21232.3	21405.6	21573.3	21752.2	21979.6	22264.8	22598.4	22823.9	22853.7	22691.6	22440.0
10°	20839.0	21053.3	21250.9	21461.5	21662.8	21910.7	22220.1	22456.8	22495.9	22339.3	22143.6
11°	20393.5	20635.8	20876.3	21124.2	21329.2	21508.1	21774.6	22005.7	22061.6	21936.8	21815.6
12°	19869.8	20130.8	20412.2	20732.8	20947.1	21075.7	21273.3	21485.7	21556.6	21489.5	21461.5
13°	19262.2	19536.2	19869.8	20272.4	20518.4	20566.9	20723.4	20913.5	20988.1	20986.2	21064.5
14°	18584.2	18895.1	19251.0	19733.8	20007.7	20030.1	20106.5	20278.0	20361.9	20436.4	20615.3
15°	17861.6	18218.7	18600.6	19120.6	19441.2	19430.0	19446.7	19571.6	19694.6	19836.3	20104.7
16°	17104.3	17532.3	17909.9	18426.9	18757.1	18740.4	18725.5	18798.1	18954.7	19189.5	19523.2
17°	16328.4	16845.6	17227.0	17674.3	17992.8	18000.3	17931.5	17952.9	18154.4	18462.1	18833.6
18°	15500.0	16127.2	16513.3	16879.0	17151.5	17182.4	17070.8	17049.9	17277.1	17693.7	18062.0
19°	14611.5	15329.1	15752.9	16039.7	16233.2	16284.1	16140.0	16087.5	16350.1	16832.4	17190.8
20°	13646.1	14432.6	14890.2	15132.8	15238.9	15315.3	15151.5	15081.2	15355.0	15886.0	16264.7
21°	12612.2	13422.6	13919.5	14127.9	14181.4	14298.8	14117.8	14052.2	14332.5	14889.0	15259.9
22°	11532.2	12344.4	12861.8	13042.8	13097.8	13225.4	13067.8	13010.7	13301.8	13840.5	14213.6
23°	10461.8	11236.0	11755.3	11896.0	11955.4	12125.4	12005.6	11972.0	12252.7	12769.2	13108.0
24°	9413.6	10132.3	10608.1	10773.6	10844.1	11013.5	10944.5	10928.9	11219.6	11679.0	11989.5
25°	8448.0	9055.8	9515.4	9670.4	9735.5	9956.2	9893.7	9904.7	10200.9	10613.7	10874.3
26°	7551.1	8056.4	8459.5	8629.7	8700.0	8877.4	8859.3	8901.3	9188.3	9552.1	9795.5
27°	6786.0	7205.4	7548.5	7709.9	7757.3	7901.5	7899.5	7962.7	8231.2	8553.8	8764.1
28°	6139.7	6477.0	6738.7	6877.7	6909.8	7000.6	7026.1	7104.6	7329.5	7611.3	7809.3
29°	5631.2	5920.5	6110.6	6196.0	6187.0	6227.1	6275.2	6379.7	6556.6	6773.7	6954.3
30°	5231.5	5481.2	5605.0	5625.7	5579.4	5591.0	5668.3	5788.4	5915.3	6053.4	6202.5
31°	4914.6	5149.6	5229.8	5180.6	5091.9	5090.6	5191.8	5322.4	5410.0	5467.2	5595.5
32°	4664.9	4883.7	4920.0	4816.8	4706.1	4692.6	4814.5	4953.2	5011.2	5013.2	5098.2
33°	4460.2	4668.6	4685.2	4530.1	4387.5	4382.9	4512.0	4660.2	4689.7	4642.7	4701.8
34°	4283.7	4498.1	4479.6	4294.9	4135.4	4129.2	4269.0	4421.1	4434.5	4347.8	4385.3
35°	4131.6	4351.9	4305.3	4093.8	3915.6	3917.3	4061.7	4217.4	4220.7	4105.7	4121.9
36°	3992.0	4220.0	4151.0	3914.9	3726.8	3732.2	3882.5	4045.3	4035.1	3897.0	3904.6
37°	3855.8	4091.0	4003.8	3752.5	3571.6	3579.4	3724.8	3886.6	3864.2	3713.2	3715.3
38°	3713.4	3955.5	3859.0	3605.1	3416.1	3426.8	3584.8	3743.4	3706.9	3546.0	3547.3
39°	3565.8	3815.4	3710.8	3457.9	3260.7	3273.9	3444.8	3601.8	3558.7	3388.5	3389.5
40°	3418.2	3666.4	3548.6	3310.5	3102.6	3118.9	3304.9	3454.3	3402.7	3233.5	3235.0
41°	3270.4	3511.2	3386.7	3149.4	2944.8	2963.8	3152.4	3299.1	3243.5	3079.5	3083.1
42°	3096.5	3355.6	3223.8	2976.5	2785.6	2806.7	2992.7	3136.6	3073.2	2920.2	2927.1
43°	2926.3	3183.2	3038.3	2802.8	2622.3	2649.0	2829.4	2960.6	2892.2	2761.8	2767.0
44°	2758.2	3008.0	2854.6	2620.9	2454.6	2487.0	2665.6	2782.4	2701.9	2596.3	2607.6

REPORT NUMBER: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2598.9	2838.4	2671.2	2443.6	2285.9	2313.0	2498.6	2608.2	2508.7	2429.3	2447.9
46°	2442.7	2674.5	2504.9	2278.9	2128.1	2144.7	2336.3	2439.7	2317.8	2257.0	2291.9
47°	2270.7	2489.6	2335.0	2131.8	1981.6	1982.9	2175.6	2285.6	2148.0	2092.5	2142.0
48°	2073.8	2298.4	2132.7	1950.3	1819.5	1809.6	2001.7	2118.6	1971.9	1937.4	1996.9
49°	1896.0	2124.3	1935.7	1743.6	1614.7	1601.8	1812.3	1946.0	1793.3	1775.3	1825.6
50°	1745.8	2006.4	1789.2	1558.4	1396.8	1417.7	1611.3	1766.8	1657.4	1612.2	1662.0
51°	1606.9	1856.3	1681.5	1406.0	1196.1	1258.4	1433.2	1637.0	1521.7	1449.1	1469.7
52°	1495.9	1702.3	1556.1	1238.8	1016.9	1091.3	1297.7	1507.8	1386.0	1285.9	1276.6
53°	1430.1	1614.3	1486.1	1156.5	914.0	984.0	1209.8	1378.5	1272.4	1167.6	1163.6
54°	1347.4	1532.9	1412.3	1062.8	806.9	905.3	1146.0	1263.4	1159.3	1072.4	1077.0
55°	1262.5	1426.8	1298.4	962.3	702.0	833.9	1094.6	1158.6	1052.8	991.9	996.0
56°	1142.8	1306.5	1175.6	867.3	615.6	775.2	1039.8	1072.5	961.7	929.6	923.2
57°	1029.4	1180.5	1063.0	777.4	557.0	727.9	967.5	979.5	869.4	871.9	852.7
58°	945.9	1072.0	962.8	696.9	517.0	684.2	896.5	893.1	775.4	792.3	788.5
59°	856.4	984.9	869.7	634.5	482.0	624.1	849.0	825.5	723.7	726.9	727.5
60°	762.4	890.4	778.0	587.6	450.8	563.2	777.1	756.3	653.1	684.9	671.4
61°	685.7	792.1	693.9	531.6	421.8	517.1	697.9	683.7	574.8	628.5	618.0
62°	619.8	705.9	617.6	478.2	396.0	481.2	638.9	630.4	518.1	571.2	567.2
63°	557.4	626.7	555.8	435.2	370.3	445.6	592.9	583.5	469.3	516.7	521.4
64°	509.9	559.4	501.4	400.4	348.2	412.3	539.9	535.9	427.3	471.0	478.0
65°	463.5	498.4	455.2	365.6	327.4	379.0	490.6	491.5	393.8	432.4	438.2
66°	420.6	448.1	414.6	337.6	306.7	345.7	445.7	449.5	363.0	395.6	402.0
67°	377.8	397.8	373.9	310.0	286.1	317.1	402.4	408.8	335.7	361.0	368.0
68°	335.1	347.7	333.2	282.4	265.8	291.9	359.4	369.3	309.2	327.6	333.8
69°	298.0	304.6	296.9	256.3	246.3	266.3	323.6	332.1	283.4	295.0	299.3
70°	261.0	267.3	263.6	235.2	227.3	241.7	289.9	296.8	258.3	264.3	267.1
71°	228.8	235.2	233.0	221.0	207.9	218.6	260.3	265.8	233.8	234.4	237.9
72°	200.0	206.3	205.5	210.8	188.9	197.7	232.9	245.0	211.4	208.7	211.7
73°	173.9	179.1	179.8	186.3	169.7	177.9	207.1	224.6	189.8	185.1	187.4
74°	149.3	154.4	155.3	158.4	150.6	158.4	182.7	193.7	169.3	164.7	166.6
75°	127.3	132.3	132.6	135.8	132.5	140.0	159.3	165.0	150.0	144.4	144.8
76°	108.3	112.7	113.0	115.5	115.5	122.5	136.8	142.2	130.8	124.0	123.0
77°	91.3	95.4	95.4	98.4	99.1	105.5	117.4	119.4	111.5	106.1	104.5
78°	75.8	79.9	79.4	83.2	83.0	89.3	99.6	101.4	94.7	90.0	87.3
79°	62.2	65.9	65.1	70.2	68.7	75.5	83.6	85.7	79.6	75.8	72.4
80°	50.1	53.4	52.4	57.6	56.1	62.3	68.7	70.2	65.0	61.9	59.1
81°	41.4	44.3	43.2	47.1	46.0	51.2	55.6	56.8	51.7	49.5	47.2
82°	32.6	35.1	34.0	36.5	36.0	40.1	45.5	45.7	41.0	38.8	35.8
83°	24.0	26.0	24.9	25.9	26.0	29.1	35.5	35.6	30.9	28.8	25.5
84°	19.3	21.1	20.3	18.6	20.7	22.6	25.4	25.9	23.5	21.3	17.4
85°	13.8	15.1	14.6	11.7	14.9	16.8	18.5	17.2	17.6	15.3	11.7
86°	7.1	7.7	8.1	6.3	8.6	10.5	11.5	11.0	11.3	9.3	6.1
87°	2.4	2.5	2.9	2.7	3.6	4.3	5.2	4.8	4.9	3.3	1.9
88°	1.1	1.2	1.2	1.2	1.3	1.5	1.7	1.4	1.4	0.9	0.5
89°	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.2

REPORT NUMBER: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

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: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

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: P1440323
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

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: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	23716.7	23716.7	23716.7
1°	23778.2	23768.9	23740.9
2°	23761.4	23705.5	23653.3
3°	23664.5	23571.3	23489.3
4°	23491.2	23358.8	23260.1
5°	23271.2	23099.8	22984.2
6°	23023.4	22823.9	22687.9
7°	22751.2	22544.4	22395.3
8°	22473.5	22272.2	22134.3
9°	22212.6	22015.0	21865.9
10°	21942.4	21750.4	21580.8
11°	21657.2	21455.9	21249.0
12°	21355.3	21114.8	20852.0
13°	20986.2	20684.3	20380.5
14°	20550.1	20190.4	19845.6
15°	20028.2	19633.1	19254.8
16°	19439.3	19033.0	18637.9
17°	18792.6	18392.2	17985.7
18°	18068.8	17718.5	17306.7
19°	17287.0	17024.2	16603.0
20°	16443.8	16297.9	15859.5
21°	15525.3	15486.8	15031.8
22°	14550.6	14577.2	14108.5
23°	13471.8	13578.8	13103.2
24°	12355.2	12487.4	12036.7
25°	11236.0	11378.2	10966.7
26°	10120.0	10244.3	9885.0
27°	9055.2	9151.6	8840.3
28°	8053.8	8113.1	7864.8
29°	7153.6	7195.5	7031.1
30°	6381.8	6420.9	6342.7
31°	5757.4	5828.8	5801.6
32°	5263.9	5367.1	5379.4
33°	4873.8	5012.3	5055.5
34°	4565.3	4739.4	4799.1
35°	4312.6	4517.6	4591.8
36°	4110.0	4340.4	4419.6
37°	3935.2	4187.4	4271.1
38°	3772.9	4045.7	4133.1
39°	3615.4	3900.2	3992.8
40°	3459.6	3744.5	3842.2
41°	3301.3	3585.4	3685.3
42°	3132.1	3420.0	3516.0
43°	2969.4	3251.7	3337.9
44°	2806.3	3072.3	3151.3

REPORT NUMBER: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2639.5	2886.4	2948.3
46°	2472.3	2696.9	2742.6
47°	2302.7	2512.2	2542.8
48°	2139.8	2328.4	2356.2
49°	1968.0	2133.5	2158.3
50°	1767.6	1934.4	1976.2
51°	1600.1	1718.9	1833.3
52°	1433.0	1566.8	1655.8
53°	1265.9	1416.4	1495.5
54°	1153.3	1266.1	1335.7
55°	1061.1	1173.1	1225.0
56°	993.8	1081.4	1098.5
57°	912.4	974.4	976.8
58°	833.9	880.9	859.4
59°	763.2	802.4	777.4
60°	698.1	717.0	695.5
61°	641.1	641.8	621.9
62°	583.3	584.3	555.7
63°	527.6	530.4	500.5
64°	479.5	481.4	448.3
65°	437.0	435.4	404.0
66°	394.9	394.7	366.7
67°	353.9	360.3	332.8
68°	317.4	326.9	301.0
69°	283.2	295.0	271.6
70°	254.1	264.2	243.0
71°	227.7	236.1	217.9
72°	208.9	210.5	193.5
73°	199.8	185.3	170.8
74°	177.5	163.3	150.9
75°	148.3	141.3	131.2
76°	123.6	119.3	111.4
77°	106.5	100.3	94.7
78°	89.4	82.5	78.1
79°	72.3	66.1	61.5
80°	58.1	51.5	48.0
81°	44.4	38.8	36.5
82°	33.2	28.4	27.2
83°	23.7	20.7	19.3
84°	16.9	14.7	13.6
85°	10.2	8.7	7.8
86°	3.5	2.8	2.0
87°	0.9	0.7	0.6
88°	0.4	0.3	0.3
89°	0.1	0.1	0.1

REPORT NUMBER: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

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: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

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: P1440323

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)