

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: P1440321

Luminaire Tested: XSF100-SFTR-5Hx5V-840-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440321
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-840-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10972.4 lumens
Efficiency: N/A
Efficacy: 166.2 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G0

Input Watts (W): 66
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

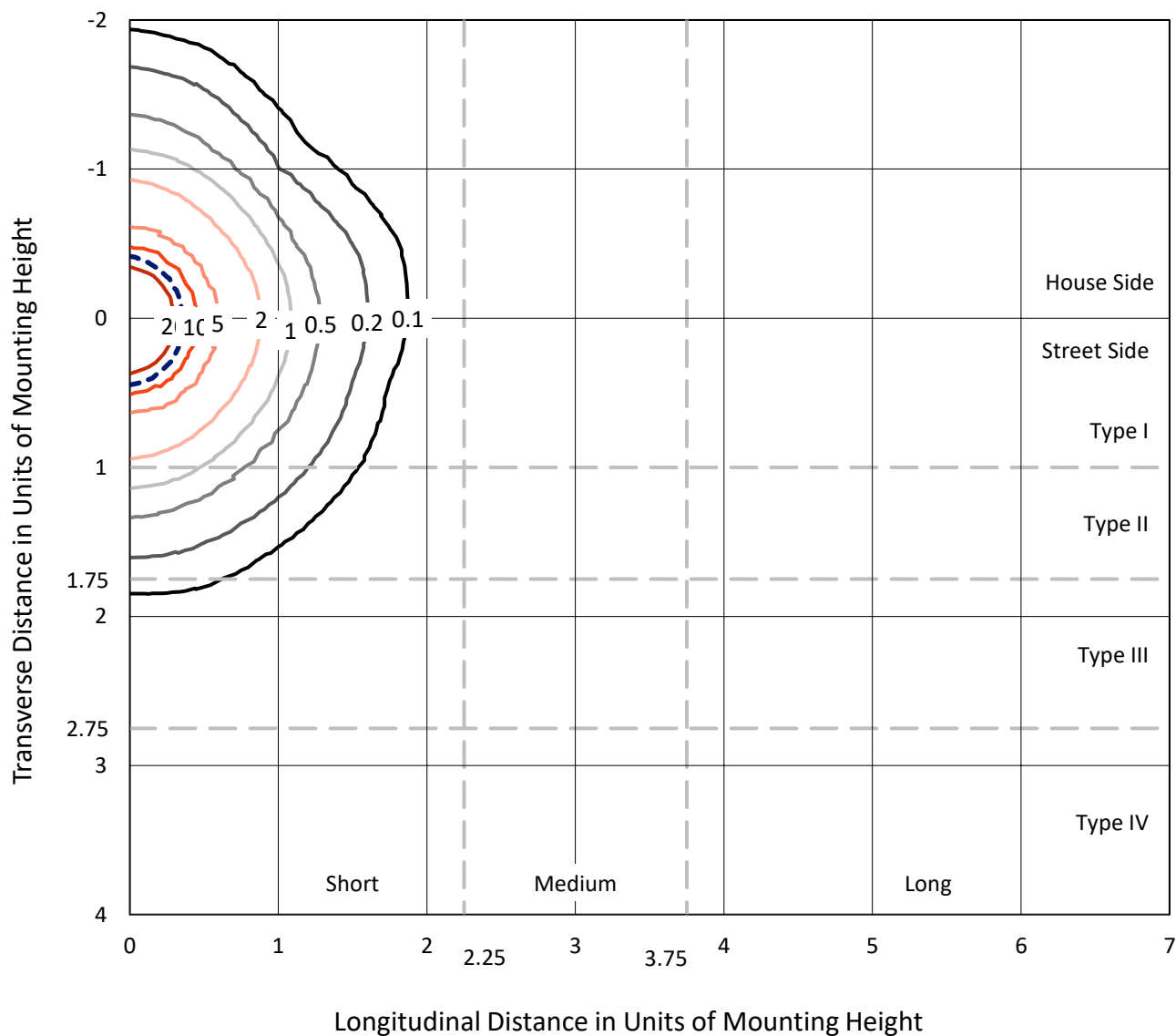
REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



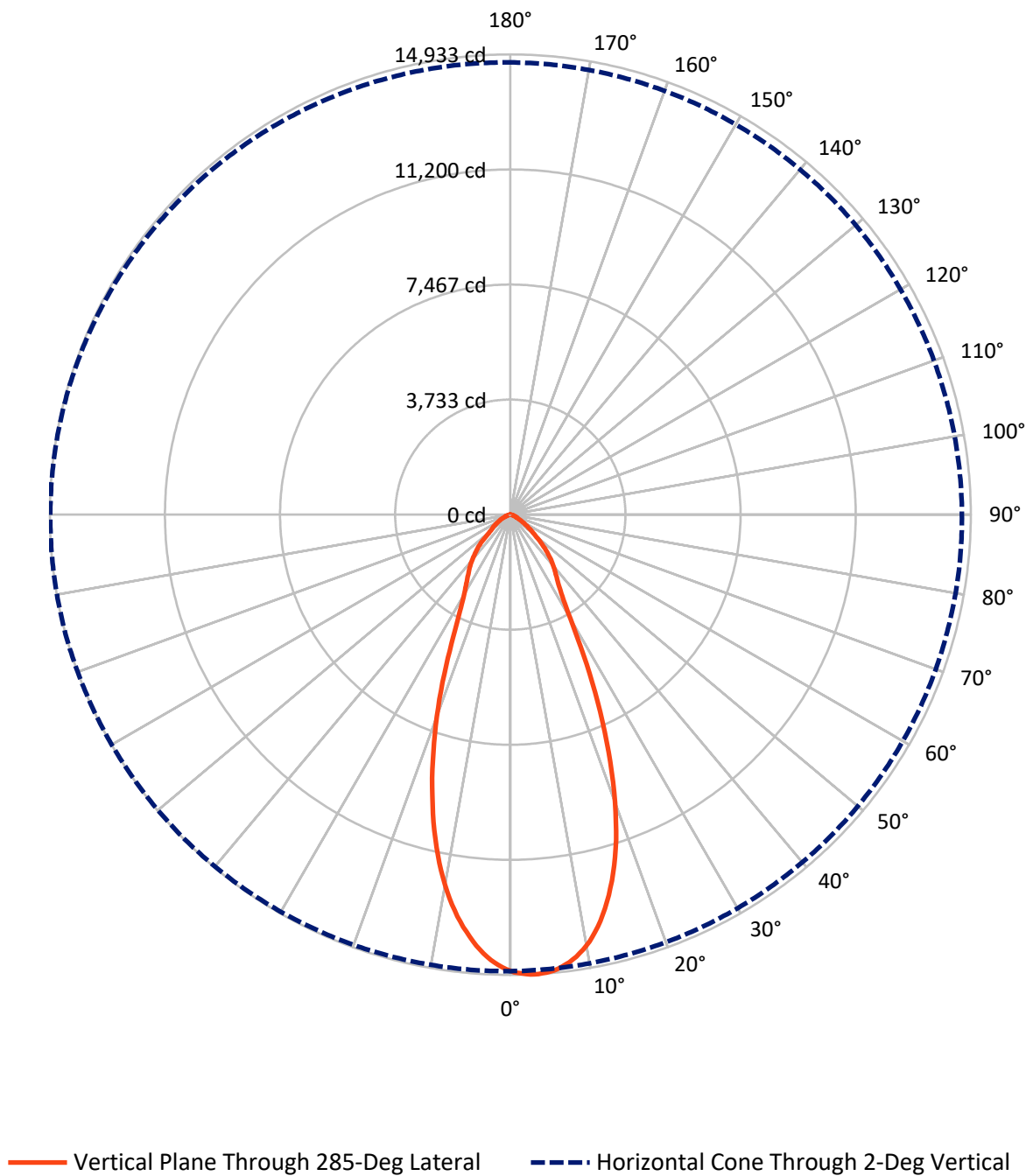
Based on 20 foot mounting height. Maximum calculated value = 37.1 fc

Type V - Short - N/A

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

Luminous Intensity Polar Plot



REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

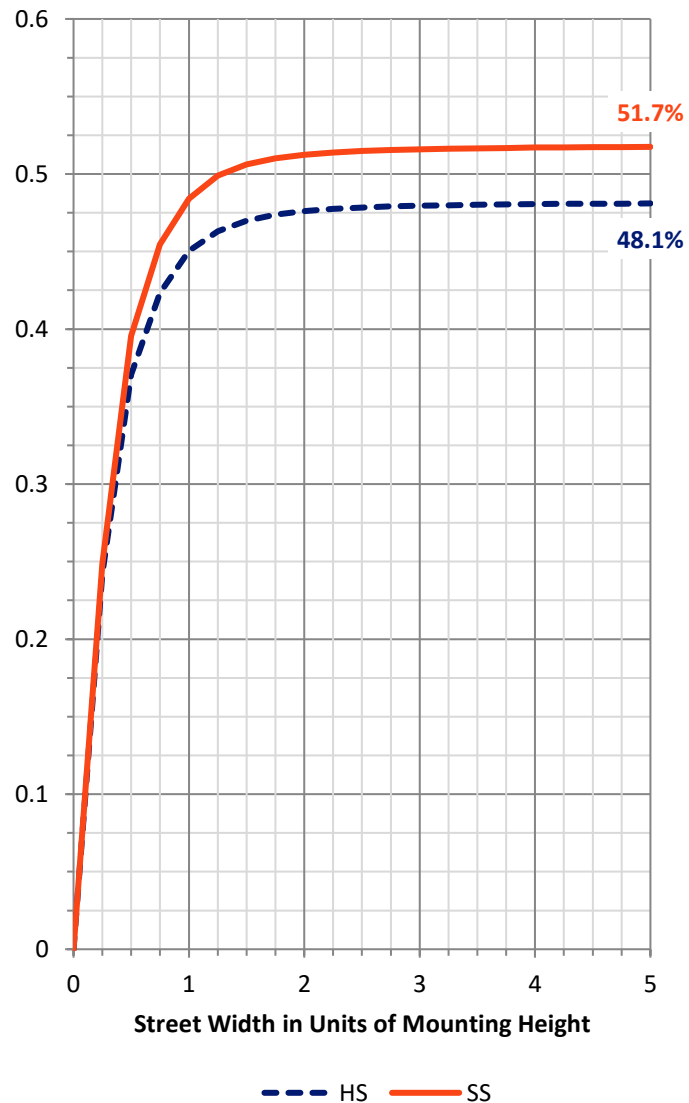
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5331.1	0.0	5331.1
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	5641.3	0.0	5641.3
	% Fixture	51.4	0.0	51.4
Total	Lumens	10972.4	0.0	10972.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1335.3	12.2
10°-20°	3156.3	28.8
20°-30°	2679.2	24.4
30°-40°	1638.4	14.9
40°-50°	1194.7	10.9
50°-60°	593.3	5.4
60°-70°	267.1	2.4
70°-80°	96.0	0.9
80°-90°	12.1	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°	10972.4	100.0
0°-180°	10972.4	100.0

Coefficient of Utilization



REPORT NUMBER: P1440321

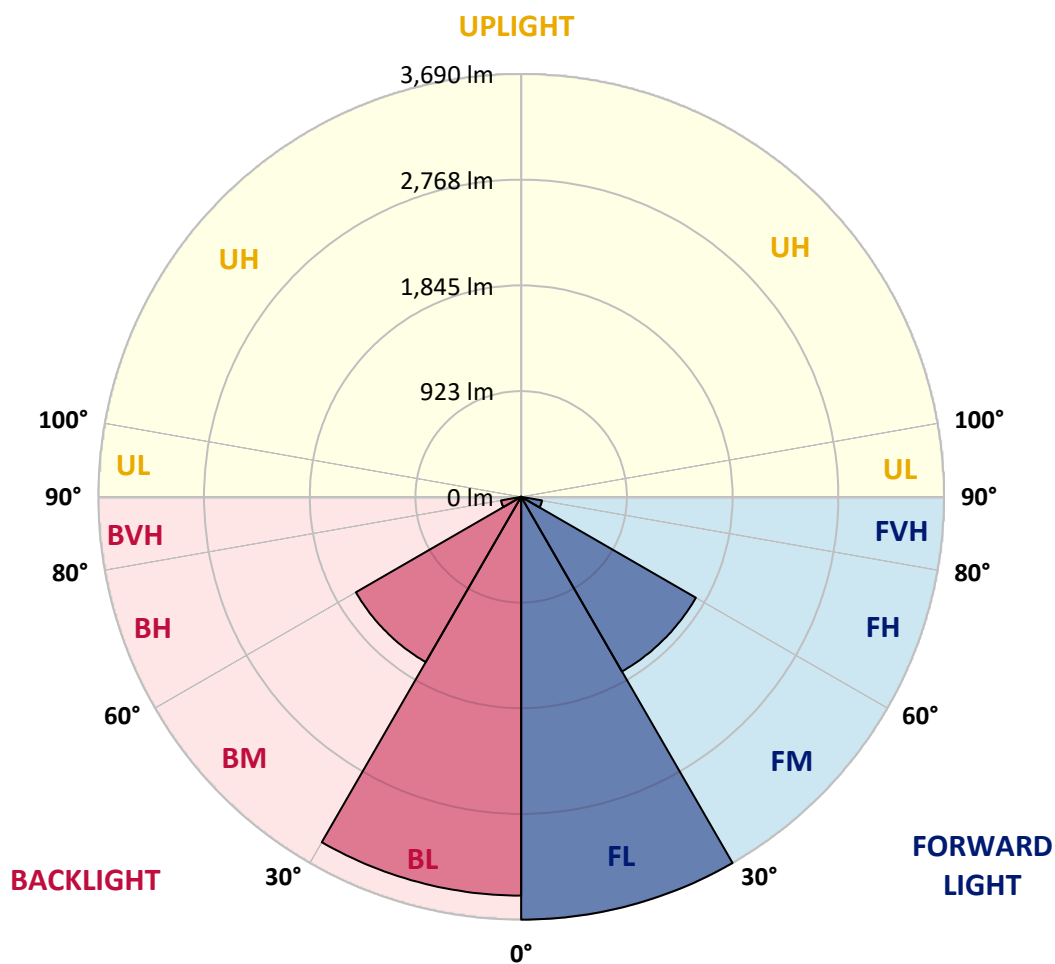
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3690.4	33.6			
FM	(30°-60°)	1760.7	16.0			
FH	(60°-80°)	184.4	1.7			G0/660
FVH	(80°-90°)	5.8	0.1			G0/10
BL	(0°-30°)	3480.4	31.7	B4/5000		
BM	(30°-60°)	1665.7	15.2	B2/2500		
BH	(60°-80°)	178.6	1.6	B1/500		G0/660
BVH	(80°-90°)	6.4	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G0

Type V Short



REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4
1°	14866.5	14844.4	14824.5	14808.2	14791.8	14779.0	14765.0	14749.8	14748.7	14752.2	14761.5
2°	14811.7	14770.8	14742.8	14720.7	14698.5	14670.5	14647.1	14623.8	14615.6	14619.1	14620.3
3°	14709.0	14660.0	14617.9	14585.3	14552.6	14519.9	14484.9	14461.6	14446.4	14445.2	14452.2
4°	14565.4	14497.7	14447.6	14414.9	14372.9	14339.0	14291.2	14262.0	14249.1	14250.3	14259.6
5°	14392.7	14327.3	14265.5	14211.8	14161.6	14121.9	14065.9	14029.7	14016.9	14028.6	14051.9
6°	14207.1	14133.6	14063.6	13991.2	13918.9	13862.8	13798.6	13756.6	13753.1	13784.6	13837.2
7°	14023.9	13939.9	13850.0	13748.5	13646.9	13574.6	13511.5	13468.4	13469.5	13520.9	13608.4
8°	13860.5	13755.5	13632.9	13492.9	13356.3	13260.6	13178.9	13145.1	13166.1	13246.6	13378.5
9°	13692.4	13569.9	13407.7	13218.6	13038.9	12914.0	12817.1	12790.3	12826.4	12944.3	13127.6
10°	13513.9	13368.0	13164.9	12931.5	12707.4	12547.5	12420.3	12402.8	12464.6	12622.2	12842.8
11°	13306.1	13145.1	12900.0	12624.5	12350.3	12142.5	12001.3	11983.8	12078.3	12268.6	12534.7
12°	13057.5	12873.1	12614.0	12287.2	11978.0	11723.5	11545.2	11538.9	11657.7	11888.1	12178.7
13°	12762.3	12565.0	12277.9	11919.6	11569.8	11264.9	11056.7	11057.6	11209.4	11469.8	11780.7
14°	12427.3	12200.9	11889.3	11521.6	11125.2	10780.3	10545.8	10550.6	10733.3	11015.3	11340.8
15°	12057.3	11814.6	11447.9	11081.6	10662.5	10272.1	10006.3	10023.4	10219.5	10525.9	10856.5
16°	11671.0	11375.4	10987.3	10609.2	10158.6	9741.3	9457.0	9468.5	9679.7	10011.6	10338.5
17°	11262.6	10919.4	10499.0	10101.1	9623.9	9185.4	8900.9	8915.6	9125.3	9457.5	9796.3
18°	10837.5	10455.2	9994.4	9566.1	9073.9	8631.0	8349.3	8347.0	8555.2	8887.0	9233.9
19°	10396.8	9972.1	9465.2	8999.3	8506.7	8066.0	7798.0	7792.7	7979.8	8281.4	8646.1
20°	9931.2	9456.9	8913.3	8424.3	7940.0	7515.6	7250.4	7240.7	7402.6	7664.0	8026.0
21°	9412.9	8894.2	8327.7	7841.4	7363.4	6962.2	6699.0	6684.0	6820.7	7041.5	7377.5
22°	8834.7	8313.3	7730.8	7250.5	6795.3	6405.2	6158.8	6134.9	6257.8	6427.3	6728.2
23°	8205.2	7681.5	7118.4	6650.1	6220.2	5855.3	5624.7	5589.7	5688.8	5827.8	6088.0
24°	7537.4	7035.9	6508.3	6061.2	5662.5	5328.3	5114.7	5075.5	5143.5	5247.6	5486.9
25°	6867.3	6409.5	5919.2	5500.6	5130.0	4839.4	4658.1	4598.5	4636.0	4715.4	4930.2
26°	6190.0	5785.6	5345.1	4961.9	4636.0	4399.7	4252.0	4185.8	4181.3	4243.1	4424.6
27°	5535.8	5199.3	4813.6	4468.7	4201.4	4025.7	3908.9	3837.7	3801.4	3832.6	3997.3
28°	4924.9	4655.3	4335.7	4038.1	3820.5	3702.2	3617.9	3540.6	3483.9	3496.3	3632.1
29°	4402.9	4191.3	3926.0	3672.5	3506.8	3429.4	3373.9	3296.5	3222.1	3217.0	3337.7
30°	3971.8	3798.7	3583.4	3364.8	3237.8	3202.1	3170.9	3091.1	3010.9	2990.8	3095.4
31°	3633.0	3492.9	3298.0	3107.4	3014.3	3013.5	2999.5	2923.6	2834.2	2804.7	2903.7
32°	3368.6	3246.1	3062.4	2899.3	2830.8	2854.1	2856.8	2776.4	2687.6	2650.5	2744.0
33°	3165.8	3052.8	2872.2	2722.1	2675.3	2718.1	2730.9	2650.5	2561.8	2516.3	2608.5
34°	3005.2	2899.5	2715.7	2571.7	2537.5	2598.4	2622.5	2539.3	2448.6	2402.2	2495.0
35°	2875.4	2771.0	2584.1	2439.6	2415.9	2487.6	2519.0	2434.9	2343.7	2296.2	2393.1
36°	2767.5	2661.6	2470.4	2319.8	2307.2	2387.1	2420.6	2338.1	2246.8	2199.9	2297.9
37°	2674.5	2562.8	2368.7	2215.3	2207.9	2290.7	2326.4	2248.7	2149.9	2103.5	2208.9
38°	2588.2	2468.0	2275.5	2120.0	2115.1	2196.5	2236.9	2159.1	2053.0	2007.1	2119.8
39°	2500.3	2373.7	2184.9	2027.3	2022.1	2101.3	2147.4	2069.5	1955.2	1907.6	2030.6
40°	2406.0	2279.2	2089.9	1932.0	1929.5	2000.6	2057.7	1973.2	1860.5	1810.5	1934.6
41°	2307.7	2181.9	1989.6	1836.0	1834.1	1899.0	1955.1	1878.8	1760.2	1715.1	1836.0
42°	2201.7	2078.7	1886.2	1739.2	1736.4	1790.5	1847.5	1776.7	1659.4	1618.4	1736.4
43°	2090.2	1969.5	1784.6	1639.4	1637.8	1678.5	1741.2	1679.2	1556.7	1519.0	1636.7
44°	1973.3	1855.8	1680.3	1542.8	1538.9	1570.2	1635.8	1581.8	1453.6	1421.5	1543.6

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1846.2	1741.0	1577.1	1446.7	1445.2	1468.8	1535.4	1487.5	1356.5	1329.0	1452.6
46°	1717.4	1628.3	1474.0	1353.5	1353.1	1369.1	1426.8	1383.9	1258.0	1249.1	1367.3
47°	1592.3	1516.6	1373.4	1261.6	1250.3	1260.0	1311.0	1261.2	1135.9	1159.2	1273.1
48°	1475.5	1409.4	1267.4	1157.9	1143.2	1157.9	1201.9	1137.9	1013.4	1049.0	1157.5
49°	1351.5	1290.2	1142.5	1046.6	1046.6	1057.1	1099.7	1018.1	904.9	939.1	1029.3
50°	1237.5	1166.0	1037.4	937.2	950.1	971.5	1010.1	914.0	791.1	801.4	915.0
51°	1148.0	1031.6	933.1	827.8	853.5	886.3	937.7	840.5	703.8	692.6	804.7
52°	1036.9	938.6	828.7	752.4	779.8	818.5	873.4	785.3	642.0	604.1	726.5
53°	936.5	845.6	746.5	695.5	709.5	745.7	814.6	740.2	588.2	534.4	677.7
54°	836.4	782.3	689.0	657.3	645.0	672.7	748.0	704.3	543.0	466.9	624.8
55°	767.1	701.0	629.1	614.8	594.6	610.7	688.9	660.5	501.4	408.8	565.7
56°	687.9	632.1	578.5	564.4	560.1	563.5	638.6	618.9	462.1	362.4	505.2
57°	611.7	577.1	528.7	520.6	528.9	519.9	587.6	574.6	431.1	331.1	454.5
58°	538.2	524.0	484.2	479.1	486.0	470.2	537.5	542.4	400.4	308.3	409.6
59°	486.8	483.7	445.9	438.0	452.3	428.3	492.8	495.2	362.7	287.7	372.7
60°	435.5	455.2	411.2	400.4	416.0	376.3	455.2	448.0	333.4	269.1	341.2
61°	389.4	415.7	373.2	367.6	377.3	334.3	415.1	416.4	315.1	253.7	311.7
62°	348.0	372.0	338.4	336.8	343.3	309.6	379.3	386.7	291.8	238.3	286.8
63°	313.4	333.8	309.2	308.9	314.4	288.4	351.7	356.7	269.5	222.9	265.5
64°	280.7	305.6	283.9	284.4	289.1	264.0	322.8	322.4	248.3	209.6	245.6
65°	253.0	276.4	262.4	262.2	264.3	241.9	294.3	291.6	227.2	196.9	225.7
66°	229.6	250.4	240.9	241.0	241.1	222.2	267.3	263.9	208.6	184.1	207.3
67°	208.4	227.0	220.5	220.7	218.9	204.8	240.3	236.2	190.4	171.5	188.8
68°	188.5	204.3	199.7	200.1	197.1	187.8	213.3	208.6	172.7	159.3	170.8
69°	170.0	183.1	178.5	179.3	176.6	170.6	189.9	186.1	156.7	147.0	155.7
70°	152.2	162.9	159.4	159.9	157.5	154.4	171.3	167.2	142.2	135.1	149.9
71°	136.4	144.9	145.2	142.0	140.3	139.5	164.6	149.9	129.0	123.1	142.4
72°	121.2	128.6	142.3	126.0	124.5	125.5	147.1	133.7	116.4	111.5	128.1
73°	106.9	113.5	127.5	111.4	110.0	111.9	126.8	118.3	104.1	99.4	109.6
74°	94.5	99.6	107.9	98.5	97.4	99.4	108.7	104.0	92.3	87.9	94.8
75°	82.1	85.8	92.5	85.6	84.8	86.9	93.6	90.3	81.1	77.3	82.0
76°	69.7	72.0	77.2	72.7	72.2	74.4	81.0	78.0	70.3	67.0	70.0
77°	59.3	60.2	61.9	61.1	61.4	63.4	69.7	66.6	60.4	57.2	59.5
78°	48.9	48.7	51.7	50.8	51.9	53.5	60.1	56.1	51.2	47.5	50.0
79°	38.5	38.9	42.6	41.7	43.0	44.2	50.5	46.4	42.6	39.0	41.8
80°	30.0	30.3	33.9	33.6	34.4	35.8	41.1	37.7	34.7	31.6	34.2
81°	22.9	22.9	25.7	26.8	27.9	29.0	33.4	31.2	28.3	25.7	27.7
82°	17.0	17.4	19.7	20.1	21.4	22.7	27.0	24.6	22.0	19.8	21.1
83°	12.1	12.2	13.4	14.0	15.5	17.0	20.6	18.1	15.7	14.0	14.6
84°	8.5	8.6	9.4	10.1	11.4	12.5	14.2	13.2	11.6	10.2	10.1
85°	4.9	5.0	5.5	6.3	7.4	8.4	9.0	9.1	7.8	6.7	6.2
86°	1.3	1.3	1.6	2.5	3.4	5.0	4.8	4.9	4.1	3.6	3.2
87°	0.4	0.4	0.4	0.6	1.0	1.6	1.9	1.8	1.6	1.5	1.4
88°	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.6	0.6
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4	14851.4
1°	14773.2	14797.7	14808.2	14833.9	14851.4	14872.4	14888.7	14896.9	14894.6	14903.9	14907.4
2°	14640.1	14674.0	14707.8	14753.3	14807.0	14854.9	14896.9	14921.4	14933.1	14924.9	14913.2
3°	14475.6	14509.4	14563.1	14630.8	14714.8	14796.5	14878.2	14912.1	14930.7	14915.6	14879.4
4°	14287.7	14329.7	14392.7	14477.9	14596.9	14713.7	14830.4	14882.9	14908.6	14868.9	14800.0
5°	14095.1	14142.9	14208.3	14305.2	14449.9	14603.9	14751.0	14831.5	14857.2	14794.2	14695.0
6°	13902.5	13951.5	14018.1	14132.4	14287.7	14468.6	14646.0	14751.0	14767.3	14693.8	14561.9
7°	13699.4	13770.6	13844.2	13955.0	14114.9	14309.8	14510.6	14632.0	14647.1	14557.3	14412.5
8°	13504.5	13595.6	13677.3	13789.3	13942.2	14137.1	14346.0	14483.7	14502.4	14399.7	14241.0
9°	13295.6	13404.2	13509.2	13621.2	13763.6	13942.2	14151.1	14292.3	14311.0	14209.5	14051.9
10°	13049.4	13183.6	13307.3	13439.2	13565.2	13720.4	13914.2	14062.4	14086.9	13988.9	13866.3
11°	12770.4	12922.2	13072.7	13227.9	13356.3	13468.4	13635.3	13780.0	13815.0	13736.8	13660.9
12°	12442.5	12605.9	12782.1	12982.8	13117.1	13197.6	13321.3	13454.3	13498.7	13456.7	13439.2
13°	12062.0	12233.6	12442.5	12694.6	12848.6	12879.0	12977.0	13096.0	13142.7	13141.6	13190.6
14°	11637.4	11832.1	12055.0	12357.3	12528.8	12542.8	12590.7	12698.1	12750.6	12797.3	12909.3
15°	11184.9	11408.5	11647.7	11973.3	12174.0	12167.0	12177.5	12255.7	12332.8	12421.5	12589.5
16°	10710.7	10978.7	11215.1	11538.9	11745.7	11735.2	11725.9	11771.4	11869.4	12016.5	12225.4
17°	10224.9	10548.7	10787.5	11067.6	11267.1	11271.8	11228.7	11242.1	11368.3	11561.0	11793.6
18°	9706.1	10098.8	10340.6	10569.6	10740.3	10759.6	10689.7	10676.6	10818.9	11079.8	11310.4
19°	9149.7	9599.1	9864.5	10044.1	10165.2	10197.1	10106.9	10074.0	10238.4	10540.4	10764.9
20°	8545.2	9037.7	9324.2	9476.2	9542.6	9590.4	9487.8	9443.8	9615.3	9947.8	10184.9
21°	7897.8	8405.2	8716.4	8846.9	8880.4	8953.9	8840.6	8799.5	8975.0	9323.5	9555.8
22°	7221.4	7730.1	8054.1	8167.4	8201.8	8281.8	8183.0	8147.3	8329.6	8666.9	8900.6
23°	6551.2	7036.0	7361.1	7449.3	7486.5	7592.9	7517.9	7496.9	7672.6	7996.0	8208.2
24°	5894.8	6344.8	6642.8	6746.4	6790.5	6896.6	6853.5	6843.7	7025.7	7313.4	7507.8
25°	5290.1	5670.7	5958.5	6055.6	6096.4	6234.5	6195.4	6202.3	6387.8	6646.3	6809.5
26°	4728.5	5044.9	5297.4	5403.9	5447.9	5559.0	5547.7	5574.0	5753.7	5981.5	6133.9
27°	4249.4	4512.0	4726.9	4827.9	4857.6	4947.9	4946.6	4986.2	5154.4	5356.4	5488.1
28°	3844.7	4055.9	4219.8	4306.8	4326.9	4383.8	4399.7	4448.9	4589.7	4766.2	4890.2
29°	3526.3	3707.4	3826.5	3879.9	3874.3	3899.4	3929.5	3995.0	4105.7	4241.7	4354.8
30°	3275.9	3432.3	3509.8	3522.8	3493.8	3501.1	3549.5	3624.7	3704.1	3790.6	3884.0
31°	3077.5	3224.7	3274.9	3244.1	3188.5	3187.7	3251.1	3332.9	3387.7	3423.6	3503.9
32°	2921.1	3058.2	3080.9	3016.3	2946.9	2938.5	3014.9	3101.7	3138.0	3139.3	3192.5
33°	2793.0	2923.5	2933.9	2836.8	2747.5	2744.6	2825.4	2918.2	2936.7	2907.3	2944.2
34°	2682.5	2816.7	2805.1	2689.5	2589.6	2585.7	2673.2	2768.5	2776.9	2722.6	2746.1
35°	2587.2	2725.2	2696.0	2563.5	2452.0	2453.0	2543.5	2640.9	2643.0	2571.0	2581.2
36°	2499.8	2642.6	2599.4	2451.5	2333.7	2337.1	2431.2	2533.2	2526.8	2440.3	2445.1
37°	2414.5	2561.8	2507.2	2349.8	2236.5	2241.4	2332.5	2433.8	2419.8	2325.2	2326.5
38°	2325.3	2476.9	2416.5	2257.5	2139.2	2145.8	2244.8	2344.1	2321.2	2220.5	2221.3
39°	2232.9	2389.2	2323.7	2165.3	2041.8	2050.1	2157.2	2255.4	2228.5	2121.9	2122.5
40°	2140.5	2295.9	2222.2	2073.0	1942.9	1953.0	2069.5	2163.1	2130.8	2024.8	2025.7
41°	2047.9	2198.7	2120.7	1972.2	1844.0	1855.9	1974.0	2065.9	2031.1	1928.4	1930.6
42°	1939.0	2101.3	2018.7	1863.9	1744.4	1757.5	1874.0	1964.1	1924.4	1828.6	1832.9
43°	1832.5	1993.3	1902.6	1755.1	1642.1	1658.8	1771.8	1853.9	1811.1	1729.4	1732.7
44°	1727.2	1883.6	1787.5	1641.2	1537.1	1557.4	1669.2	1742.4	1691.9	1625.8	1632.9

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1627.4	1777.4	1672.7	1530.2	1431.5	1448.4	1564.6	1633.2	1570.9	1521.2	1532.9
46°	1529.6	1674.8	1568.6	1427.0	1332.6	1343.0	1463.0	1527.7	1451.4	1413.4	1435.2
47°	1421.9	1559.0	1462.1	1334.9	1240.9	1241.7	1362.4	1431.2	1345.1	1310.3	1341.4
48°	1298.6	1439.3	1335.5	1221.3	1139.4	1133.2	1253.5	1326.6	1234.8	1213.2	1250.4
49°	1187.3	1330.3	1212.2	1091.8	1011.1	1003.0	1134.8	1218.6	1123.0	1111.7	1143.2
50°	1093.2	1256.4	1120.4	975.9	874.7	887.8	1009.0	1106.4	1037.9	1009.6	1040.8
51°	1006.3	1162.4	1052.9	880.4	749.0	788.0	897.5	1025.1	952.9	907.4	920.3
52°	936.7	1066.0	974.4	775.7	636.8	683.3	812.6	944.2	867.9	805.2	799.4
53°	895.5	1010.9	930.6	724.2	572.3	616.2	757.6	863.2	796.8	731.2	728.6
54°	843.7	959.9	884.4	665.5	505.3	566.9	717.7	791.1	726.0	671.5	674.4
55°	790.6	893.4	813.1	602.6	439.6	522.2	685.4	725.5	659.2	621.1	623.7
56°	715.6	818.1	736.2	543.1	385.5	485.4	651.1	671.6	602.2	582.1	578.1
57°	644.6	739.2	665.7	486.8	348.8	455.8	605.8	613.4	544.4	546.0	534.0
58°	592.3	671.3	602.9	436.4	323.7	428.5	561.4	559.2	485.5	496.2	493.8
59°	536.2	616.8	544.6	397.3	301.8	390.8	531.6	517.0	453.2	455.2	455.5
60°	477.4	557.6	487.2	368.0	282.3	352.7	486.6	473.6	409.0	428.9	420.4
61°	429.4	496.0	434.5	332.9	264.1	323.8	437.0	428.1	359.9	393.6	387.0
62°	388.1	442.0	386.8	299.4	248.0	301.3	400.1	394.7	324.4	357.7	355.2
63°	349.0	392.4	348.0	272.5	231.9	279.1	371.3	365.4	293.9	323.5	326.5
64°	319.3	350.3	314.0	250.7	218.1	258.2	338.1	335.6	267.5	294.9	299.3
65°	290.2	312.1	285.1	228.9	205.0	237.3	307.2	307.8	246.6	270.8	274.4
66°	263.4	280.6	259.6	211.4	192.1	216.5	279.1	281.5	227.3	247.7	251.7
67°	236.6	249.1	234.1	194.1	179.2	198.6	252.0	256.0	210.2	226.1	230.5
68°	209.8	217.7	208.7	176.8	166.4	182.8	225.1	231.3	193.6	205.1	209.0
69°	186.6	190.7	185.9	160.5	154.3	166.8	202.6	208.0	177.5	184.8	187.4
70°	163.4	167.4	165.0	147.3	142.3	151.4	181.6	185.9	161.7	165.5	167.3
71°	143.3	147.3	145.9	138.4	130.2	136.9	163.0	166.4	146.4	146.8	148.9
72°	125.2	129.2	128.7	132.0	118.3	123.8	145.8	153.4	132.3	130.7	132.6
73°	108.9	112.1	112.6	116.7	106.2	111.4	129.7	140.7	118.9	115.9	117.4
74°	93.5	96.7	97.3	99.2	94.3	99.2	114.4	121.3	106.0	103.1	104.3
75°	79.7	82.9	83.0	85.0	83.0	87.6	99.8	103.3	94.0	90.4	90.7
76°	67.8	70.6	70.7	72.3	72.3	76.7	85.7	89.0	81.9	77.7	77.0
77°	57.2	59.7	59.7	61.6	62.0	66.1	73.5	74.7	69.8	66.4	65.4
78°	47.5	50.0	49.7	52.1	52.0	55.9	62.4	63.5	59.3	56.3	54.7
79°	39.0	41.3	40.7	43.9	43.0	47.3	52.3	53.7	49.8	47.5	45.3
80°	31.4	33.4	32.8	36.1	35.1	39.0	43.0	44.0	40.7	38.8	37.0
81°	25.9	27.7	27.1	29.5	28.8	32.1	34.8	35.6	32.4	31.0	29.6
82°	20.4	22.0	21.3	22.8	22.5	25.1	28.5	28.6	25.7	24.3	22.4
83°	15.0	16.3	15.6	16.2	16.3	18.2	22.2	22.3	19.3	18.0	15.9
84°	12.1	13.2	12.7	11.7	12.9	14.2	15.9	16.2	14.7	13.4	10.9
85°	8.7	9.4	9.2	7.3	9.3	10.5	11.6	10.8	11.0	9.6	7.3
86°	4.5	4.8	5.1	3.9	5.4	6.6	7.2	6.9	7.1	5.8	3.8
87°	1.5	1.6	1.8	1.7	2.3	2.7	3.2	3.0	3.1	2.1	1.2
88°	0.7	0.7	0.8	0.7	0.8	1.0	1.1	0.9	0.9	0.6	0.3
89°	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.1

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	14851.4	14851.4	14851.4
1°	14889.9	14884.0	14866.5
2°	14879.4	14844.4	14811.7
3°	14818.7	14760.3	14709.0
4°	14710.2	14627.3	14565.4
5°	14572.4	14465.1	14392.7
6°	14417.2	14292.3	14207.1
7°	14246.8	14117.3	14023.9
8°	14072.9	13946.9	13860.5
9°	13909.5	13785.8	13692.4
10°	13740.3	13620.1	13513.9
11°	13561.7	13435.7	13306.1
12°	13372.7	13222.1	13057.5
13°	13141.6	12952.5	12762.3
14°	12868.5	12643.2	12427.3
15°	12541.7	12294.3	12057.3
16°	12172.9	11918.4	11671.0
17°	11767.9	11517.2	11262.6
18°	11314.7	11095.3	10837.5
19°	10825.1	10660.5	10396.8
20°	10297.1	10205.7	9931.2
21°	9722.0	9697.8	9412.9
22°	9111.6	9128.3	8834.7
23°	8436.0	8503.0	8205.2
24°	7736.8	7819.6	7537.4
25°	7036.0	7125.0	6867.3
26°	6337.1	6415.0	6190.0
27°	5670.4	5730.7	5535.8
28°	5043.3	5080.4	4924.9
29°	4479.6	4505.8	4402.9
30°	3996.3	4020.8	3971.8
31°	3605.3	3650.0	3633.0
32°	3296.2	3360.9	3368.6
33°	3052.0	3138.7	3165.8
34°	2858.8	2967.8	3005.2
35°	2700.6	2828.9	2875.4
36°	2573.7	2717.9	2767.5
37°	2464.2	2622.1	2674.5
38°	2362.6	2533.4	2588.2
39°	2263.9	2442.3	2500.3
40°	2166.4	2344.8	2406.0
41°	2067.3	2245.2	2307.7
42°	1961.3	2141.6	2201.7
43°	1859.4	2036.2	2090.2
44°	1757.3	1923.9	1973.3

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1652.8	1807.5	1846.2
46°	1548.2	1688.8	1717.4
47°	1442.0	1573.1	1592.3
48°	1339.9	1458.1	1475.5
49°	1232.3	1336.0	1351.5
50°	1106.8	1211.3	1237.5
51°	1002.0	1076.4	1148.0
52°	897.3	981.1	1036.9
53°	792.7	887.0	936.5
54°	722.2	792.8	836.4
55°	664.4	734.6	767.1
56°	622.3	677.2	687.9
57°	571.4	610.2	611.7
58°	522.2	551.6	538.2
59°	477.9	502.5	486.8
60°	437.1	449.0	435.5
61°	401.5	401.9	389.4
62°	365.3	365.9	348.0
63°	330.4	332.1	313.4
64°	300.2	301.5	280.7
65°	273.7	272.7	253.0
66°	247.3	247.1	229.6
67°	221.6	225.6	208.4
68°	198.8	204.7	188.5
69°	177.3	184.7	170.0
70°	159.1	165.4	152.2
71°	142.6	147.9	136.4
72°	130.8	131.8	121.2
73°	125.1	116.1	106.9
74°	111.1	102.3	94.5
75°	92.9	88.5	82.1
76°	77.4	74.7	69.7
77°	66.7	62.8	59.3
78°	56.0	51.7	48.9
79°	45.3	41.4	38.5
80°	36.4	32.3	30.0
81°	27.8	24.3	22.9
82°	20.8	17.8	17.0
83°	14.8	13.0	12.1
84°	10.6	9.2	8.5
85°	6.4	5.5	4.9
86°	2.2	1.7	1.3
87°	0.5	0.4	0.4
88°	0.2	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

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: P1440321

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)