

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: P1440325

Luminaire Tested: XSF100-SFTR-5Hx5V-850-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440325
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-850-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11080 lumens
Efficiency: N/A
Efficacy: 167.9 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

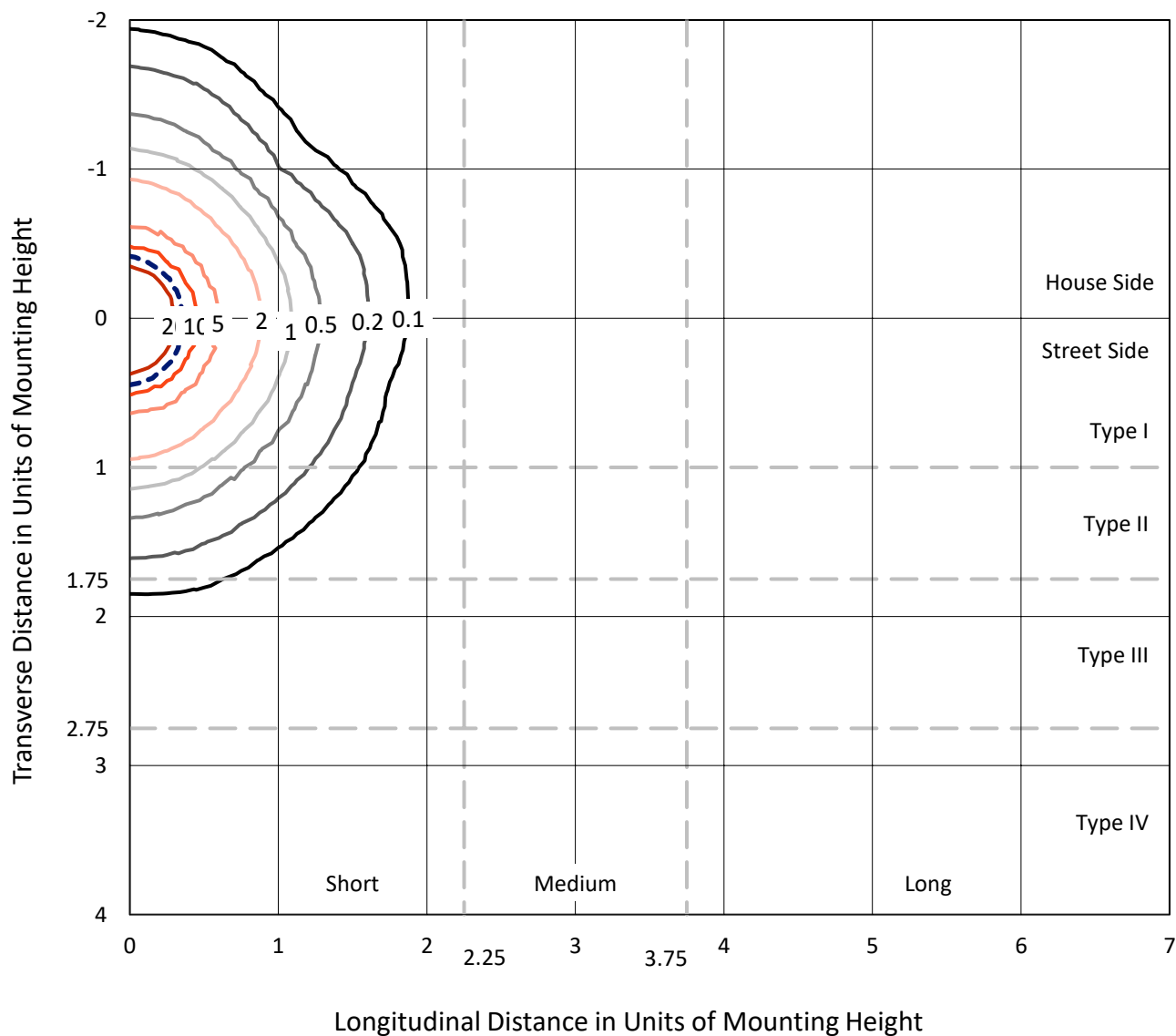
REPORT NUMBER: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



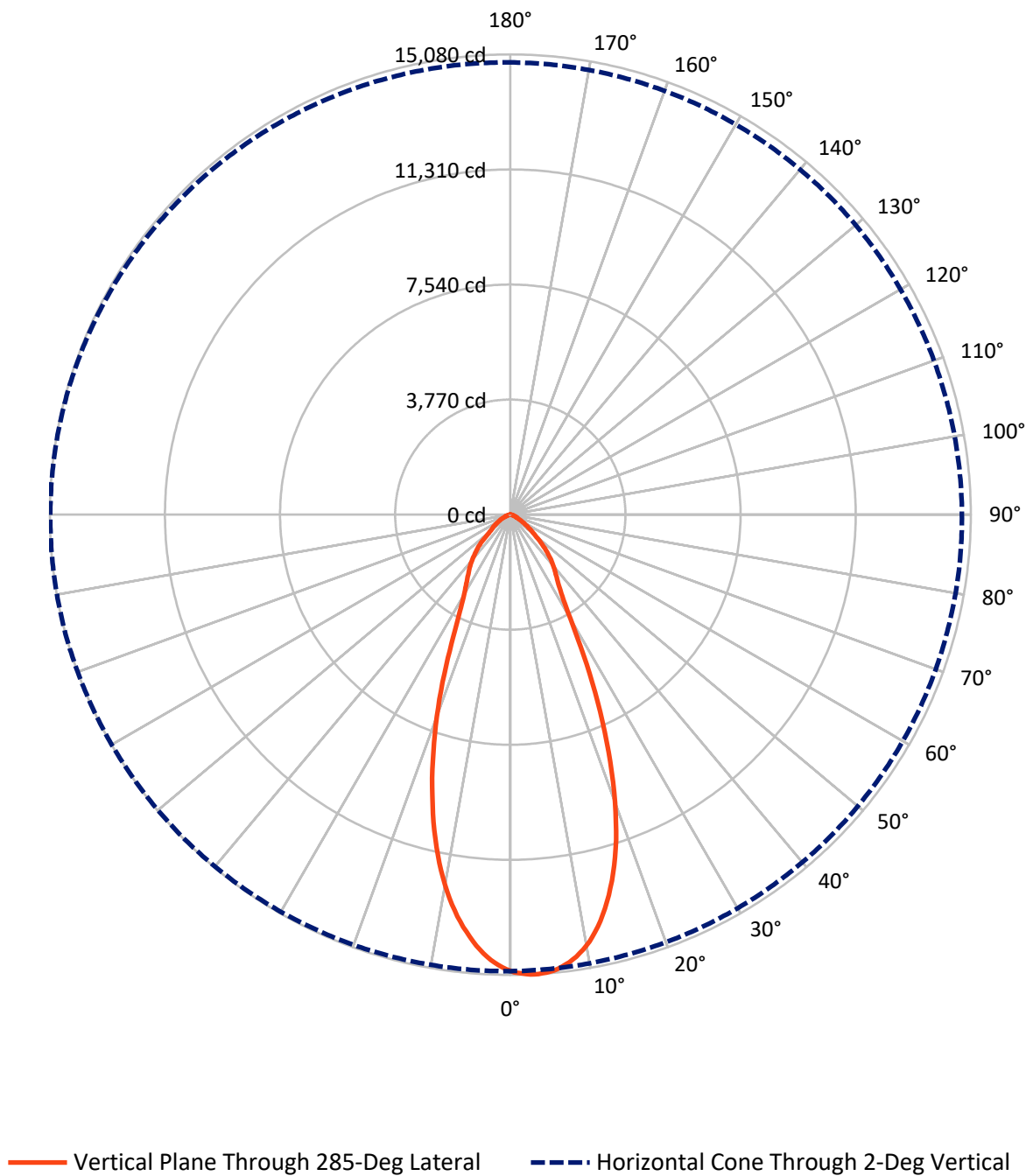
Based on 20 foot mounting height. Maximum calculated value = 37.5 fc

Type V - Short - N/A

REPORT NUMBER: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5383.4	0.0	5383.4
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	5696.6	0.0	5696.6
	% Fixture	51.4	0.0	51.4
Total	Lumens	11080.0	0.0	11080.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1348.4	12.2
10°-20°	3187.2	28.8
20°-30°	2705.5	24.4
30°-40°	1654.5	14.9
40°-50°	1206.5	10.9
50°-60°	599.1	5.4
60°-70°	269.7	2.4
70°-80°	96.9	0.9
80°-90°	12.2	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°	11080.0	100.0
0°-180°	11080.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1440325

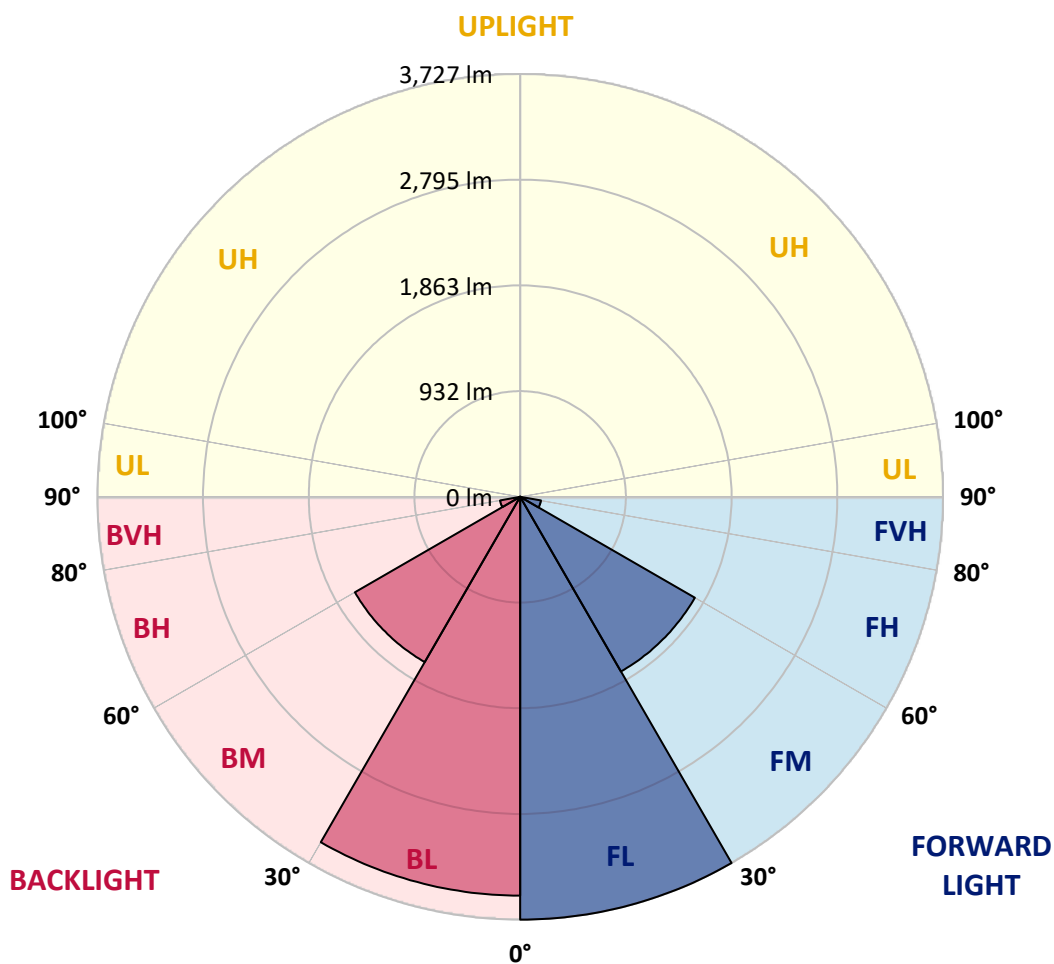
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3726.6	33.6			
FM	(30°-60°)	1778.0	16.0			
FH	(60°-80°)	186.2	1.7			G0/660
FVH	(80°-90°)	5.8	0.1			G0/10
BL	(0°-30°)	3514.5	31.7	B4/5000		
BM	(30°-60°)	1682.0	15.2	B2/2500		
BH	(60°-80°)	180.4	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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0
1°	15012.3	14989.9	14969.9	14953.4	14936.9	14923.9	14909.8	14894.4	14893.3	14896.8	14906.2
2°	14956.9	14915.7	14887.4	14865.0	14842.6	14814.3	14790.7	14767.2	14758.9	14762.4	14763.6
3°	14853.2	14803.7	14761.3	14728.3	14695.3	14662.3	14626.9	14603.3	14588.0	14586.8	14593.9
4°	14708.2	14639.9	14589.2	14556.2	14513.8	14479.6	14431.3	14401.8	14388.8	14390.0	14399.4
5°	14533.8	14467.8	14405.3	14351.1	14300.5	14260.4	14203.8	14167.3	14154.3	14166.1	14189.7
6°	14346.4	14272.2	14201.5	14128.4	14055.3	13998.7	13933.9	13891.5	13888.0	13919.8	13972.8
7°	14161.4	14076.5	13985.8	13883.2	13780.7	13707.6	13644.0	13600.4	13601.6	13653.4	13741.8
8°	13996.4	13890.3	13766.6	13625.1	13487.3	13390.6	13308.1	13273.9	13295.2	13376.5	13509.6
9°	13826.7	13702.9	13539.1	13348.2	13166.7	13040.6	12942.8	12915.7	12952.2	13071.2	13256.3
10°	13646.4	13499.0	13294.0	13058.3	12832.0	12670.5	12542.1	12524.4	12586.8	12746.0	12968.7
11°	13436.6	13273.9	13026.4	12748.3	12471.4	12261.6	12119.0	12101.3	12196.8	12388.9	12657.6
12°	13185.5	12999.3	12737.7	12407.7	12095.4	11838.5	11658.4	11652.0	11772.0	12004.6	12298.1
13°	12887.4	12688.2	12398.3	12036.5	11683.3	11375.3	11165.1	11166.0	11319.3	11582.3	11896.2
14°	12549.1	12320.5	12005.8	11634.6	11234.2	10886.0	10649.2	10654.0	10838.5	11123.3	11452.0
15°	12175.5	11930.4	11560.1	11190.3	10767.1	10372.8	10104.4	10121.7	10319.7	10629.1	10962.9
16°	11785.4	11486.9	11095.0	10713.2	10258.2	9836.8	9549.7	9561.3	9774.6	10109.8	10439.9
17°	11373.1	11026.5	10601.9	10200.2	9718.3	9275.5	8988.2	9003.0	9214.8	9550.2	9892.3
18°	10943.7	10557.8	10092.3	9659.9	9162.8	8715.6	8431.2	8428.8	8639.1	8974.1	9324.4
19°	10498.7	10069.8	9558.0	9087.5	8590.1	8145.0	7874.4	7869.1	8058.1	8362.6	8730.9
20°	10028.6	9549.6	9000.7	8506.8	8017.9	7589.2	7321.5	7311.7	7475.2	7739.1	8104.7
21°	9505.2	8981.4	8409.4	7918.3	7435.6	7030.5	6764.7	6749.5	6887.5	7110.5	7449.8
22°	8921.3	8394.8	7806.6	7321.6	6862.0	6468.0	6219.2	6195.0	6319.1	6490.4	6794.2
23°	8285.6	7756.8	7188.2	6715.3	6281.2	5912.8	5679.9	5644.5	5744.6	5884.9	6147.6
24°	7611.3	7104.9	6572.2	6120.7	5718.1	5380.5	5164.9	5125.3	5194.0	5299.1	5540.7
25°	6934.7	6472.3	5977.2	5554.5	5180.3	4886.8	4703.8	4643.6	4681.4	4761.7	4978.5
26°	6250.6	5842.3	5397.5	5010.6	4681.4	4442.9	4293.7	4226.8	4222.3	4284.7	4468.0
27°	5590.1	5250.3	4860.8	4512.5	4242.6	4065.2	3947.2	3875.3	3838.6	3870.2	4036.5
28°	4973.2	4701.0	4378.2	4077.6	3858.0	3738.5	3653.4	3575.3	3518.1	3530.6	3667.7
29°	4446.1	4232.4	3964.5	3708.5	3541.2	3463.0	3406.9	3328.8	3253.7	3248.5	3370.4
30°	4010.7	3835.9	3618.5	3397.7	3269.5	3233.5	3202.0	3121.4	3040.4	3020.1	3125.7
31°	3668.6	3527.1	3330.3	3137.9	3043.8	3043.0	3028.9	2952.3	2862.0	2832.2	2932.2
32°	3401.6	3277.9	3092.4	2927.7	2858.6	2882.1	2884.8	2803.6	2714.0	2676.5	2770.9
33°	3196.8	3082.7	2900.4	2748.8	2701.6	2744.7	2757.7	2676.5	2586.9	2540.9	2634.0
34°	3034.6	2928.0	2742.4	2596.9	2562.4	2623.9	2648.2	2564.2	2472.6	2425.8	2519.5
35°	2903.6	2798.2	2609.4	2463.5	2439.6	2511.9	2543.7	2458.8	2366.6	2318.7	2416.6
36°	2794.7	2687.7	2494.6	2342.6	2329.9	2410.5	2444.3	2361.0	2268.8	2221.4	2320.4
37°	2700.8	2588.0	2392.0	2237.0	2229.6	2313.1	2349.2	2270.7	2171.0	2124.1	2230.5
38°	2613.5	2492.1	2297.8	2140.8	2135.9	2218.0	2258.8	2180.3	2073.2	2026.7	2140.6
39°	2524.8	2396.9	2206.4	2047.1	2041.9	2121.9	2168.4	2089.8	1974.4	1926.3	2050.5
40°	2429.6	2301.6	2110.4	1951.0	1948.4	2020.3	2077.9	1992.6	1878.7	1828.3	1953.6
41°	2330.3	2203.3	2009.1	1854.0	1852.1	1917.6	1974.3	1897.2	1777.5	1731.9	1854.0
42°	2223.3	2099.1	1904.6	1756.3	1753.4	1808.0	1865.6	1794.1	1675.7	1634.3	1753.4
43°	2110.7	1988.8	1802.1	1655.5	1653.9	1695.0	1758.3	1695.7	1571.9	1533.9	1652.8
44°	1992.7	1874.0	1696.7	1557.9	1554.0	1585.6	1651.8	1597.3	1467.9	1435.5	1558.7

REPORT NUMBER: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1864.3	1758.0	1592.6	1460.9	1459.4	1483.2	1550.5	1502.1	1369.8	1342.0	1466.8
46°	1734.2	1644.3	1488.5	1366.8	1366.4	1382.5	1440.8	1397.5	1270.4	1261.4	1380.7
47°	1607.9	1531.5	1386.9	1274.0	1262.6	1272.4	1323.9	1273.5	1147.1	1170.5	1285.6
48°	1489.9	1423.2	1279.8	1169.2	1154.4	1169.2	1213.7	1149.0	1023.4	1059.3	1168.8
49°	1364.8	1302.9	1153.7	1056.8	1056.9	1067.5	1110.5	1028.1	913.7	948.3	1039.4
50°	1249.6	1177.4	1047.6	946.4	959.4	981.1	1020.0	923.0	798.8	809.3	924.0
51°	1159.2	1041.7	942.2	835.9	861.9	895.0	946.9	848.7	710.7	699.4	812.6
52°	1047.0	947.8	836.8	759.8	787.4	826.5	882.0	793.0	648.3	610.1	733.7
53°	945.7	853.9	753.8	702.4	716.5	753.0	822.5	747.4	594.0	539.6	684.3
54°	844.6	789.9	695.8	663.7	651.3	679.3	755.3	711.2	548.3	471.5	630.9
55°	774.6	707.8	635.3	620.8	600.4	616.7	695.7	667.0	506.3	412.8	571.3
56°	694.6	638.3	584.2	569.9	565.6	569.0	644.9	624.9	466.7	366.0	510.2
57°	617.7	582.7	533.9	525.7	534.1	525.0	593.3	580.3	435.4	334.4	459.0
58°	543.5	529.2	489.0	483.8	490.8	474.8	542.8	547.7	404.3	311.3	413.6
59°	491.6	488.4	450.3	442.3	456.7	432.5	497.6	500.1	366.3	290.5	376.4
60°	439.8	459.6	415.2	404.3	420.1	380.0	459.7	452.4	336.7	271.7	344.5
61°	393.2	419.7	376.9	371.3	381.0	337.5	419.1	420.5	318.1	256.2	314.8
62°	351.4	375.7	341.7	340.1	346.6	312.6	383.0	390.5	294.6	240.6	289.6
63°	316.5	337.1	312.2	311.9	317.5	291.2	355.2	360.2	272.1	225.1	268.1
64°	283.5	308.6	286.7	287.2	291.9	266.6	326.0	325.6	250.7	211.6	248.0
65°	255.4	279.1	265.0	264.8	266.9	244.3	297.2	294.5	229.4	198.9	228.0
66°	231.9	252.9	243.3	243.3	243.5	224.3	269.9	266.5	210.6	185.9	209.4
67°	210.4	229.3	222.6	222.9	221.0	206.8	242.6	238.5	192.3	173.2	190.7
68°	190.3	206.3	201.7	202.0	199.0	189.7	215.4	210.6	174.4	160.9	172.4
69°	171.7	184.9	180.3	181.1	178.4	172.2	191.8	188.0	158.3	148.5	157.2
70°	153.7	164.5	160.9	161.5	159.0	155.9	172.9	168.9	143.6	136.4	151.4
71°	137.8	146.3	146.6	143.4	141.6	140.9	166.3	151.4	130.2	124.3	143.8
72°	122.4	129.9	143.7	127.3	125.7	126.7	148.5	135.0	117.6	112.6	129.3
73°	108.0	114.6	128.7	112.5	111.1	113.0	128.1	119.5	105.1	100.3	110.7
74°	95.4	100.6	109.0	99.5	98.4	100.3	109.7	105.0	93.2	88.8	95.7
75°	82.9	86.6	93.4	86.5	85.7	87.7	94.5	91.2	81.9	78.0	82.8
76°	70.4	72.7	78.0	73.5	72.9	75.2	81.8	78.8	71.0	67.7	70.7
77°	59.9	60.8	62.5	61.7	62.0	64.0	70.4	67.3	61.0	57.8	60.1
78°	49.4	49.2	52.2	51.3	52.4	54.0	60.6	56.6	51.7	47.9	50.5
79°	38.9	39.3	43.0	42.1	43.4	44.6	51.0	46.8	43.1	39.4	42.2
80°	30.3	30.6	34.3	34.0	34.8	36.1	41.5	38.1	35.1	31.9	34.6
81°	23.1	23.2	25.9	27.0	28.2	29.3	33.8	31.5	28.6	26.0	28.0
82°	17.2	17.6	19.8	20.3	21.6	22.9	27.3	24.8	22.2	20.0	21.4
83°	12.2	12.4	13.5	14.1	15.6	17.1	20.8	18.3	15.8	14.1	14.8
84°	8.6	8.6	9.5	10.2	11.5	12.6	14.3	13.4	11.7	10.3	10.2
85°	5.0	5.0	5.5	6.4	7.4	8.5	9.1	9.2	7.9	6.7	6.2
86°	1.3	1.4	1.6	2.5	3.4	5.1	4.9	4.9	4.2	3.6	3.2
87°	0.4	0.4	0.4	0.6	1.1	1.6	1.9	1.9	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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0	14997.0
1°	14918.0	14942.8	14953.4	14979.3	14997.0	15018.2	15034.7	15042.9	15040.6	15050.0	15053.5
2°	14783.7	14817.8	14852.0	14898.0	14952.2	15000.5	15042.9	15067.7	15079.5	15071.2	15059.4
3°	14617.5	14651.7	14705.9	14774.2	14859.1	14941.6	15024.1	15058.3	15077.1	15061.8	15025.3
4°	14427.7	14470.2	14533.8	14619.8	14740.0	14857.9	14975.8	15028.8	15054.7	15014.6	14945.1
5°	14233.3	14281.6	14347.6	14445.4	14591.6	14747.1	14895.6	14976.9	15002.9	14939.2	14839.0
6°	14038.8	14088.3	14155.5	14271.0	14427.7	14610.4	14789.5	14895.6	14912.1	14837.9	14704.7
7°	13833.7	13905.6	13979.9	14091.8	14253.3	14450.1	14652.8	14775.4	14790.7	14700.0	14553.8
8°	13636.9	13728.9	13811.4	13924.5	14078.9	14275.7	14486.7	14625.7	14644.6	14540.9	14380.6
9°	13426.0	13535.6	13641.6	13754.8	13898.6	14078.9	14289.8	14432.4	14451.3	14348.8	14189.7
10°	13177.3	13312.8	13437.8	13570.9	13698.2	13855.0	14050.6	14200.3	14225.0	14126.0	14002.3
11°	12895.6	13048.8	13200.9	13357.6	13487.3	13600.4	13768.9	13915.1	13950.4	13871.5	13794.9
12°	12564.5	12729.5	12907.4	13110.1	13245.7	13327.0	13451.9	13586.3	13631.0	13588.6	13570.9
13°	12180.3	12353.5	12564.5	12819.0	12974.6	13005.2	13104.2	13224.4	13271.6	13270.4	13319.9
14°	11751.5	11948.1	12173.2	12478.4	12651.7	12665.8	12714.1	12822.6	12875.6	12922.7	13035.9
15°	11294.6	11520.4	11761.9	12090.7	12293.4	12286.3	12296.9	12375.9	12453.7	12543.2	12713.0
16°	10815.7	11086.3	11325.1	11652.0	11860.9	11850.3	11840.8	11886.8	11985.8	12134.3	12345.2
17°	10325.1	10652.2	10893.3	11176.1	11377.5	11382.3	11338.8	11352.3	11479.7	11674.3	11909.2
18°	9801.2	10197.8	10442.0	10673.2	10845.6	10865.1	10794.5	10781.3	10925.0	11188.4	11421.3
19°	9239.4	9693.2	9961.2	10142.5	10264.9	10297.1	10206.0	10172.7	10338.8	10643.8	10870.4
20°	8628.9	9126.3	9415.6	9569.1	9636.1	9684.4	9580.9	9536.4	9709.6	10045.3	10284.8
21°	7975.2	8487.6	8801.8	8933.6	8967.4	9041.7	8927.2	8885.7	9063.0	9414.9	9649.4
22°	7292.2	7805.9	8133.0	8247.5	8282.2	8362.9	8263.2	8227.2	8411.3	8751.9	8987.8
23°	6615.4	7105.0	7433.3	7522.3	7559.9	7667.4	7591.6	7570.4	7747.9	8074.4	8288.7
24°	5952.6	6407.0	6707.9	6812.6	6857.1	6964.3	6920.6	6910.7	7094.6	7385.1	7581.5
25°	5342.0	5726.3	6016.9	6115.0	6156.1	6295.7	6256.2	6263.1	6450.4	6711.5	6876.2
26°	4774.9	5094.4	5349.3	5456.9	5501.3	5613.5	5602.1	5628.6	5810.1	6040.2	6194.1
27°	4291.1	4556.3	4773.2	4875.3	4905.2	4996.4	4995.1	5035.1	5204.9	5408.9	5541.9
28°	3882.4	4095.7	4261.1	4349.1	4369.3	4426.7	4442.9	4492.5	4634.7	4812.9	4938.1
29°	3560.9	3743.8	3864.0	3918.0	3912.3	3937.6	3968.0	4034.2	4146.0	4283.3	4397.5
30°	3308.1	3466.0	3544.2	3557.3	3528.1	3535.4	3584.3	3660.2	3740.5	3827.8	3922.1
31°	3107.7	3256.3	3307.0	3275.9	3219.8	3219.0	3283.0	3365.6	3421.0	3457.1	3538.2
32°	2949.8	3088.1	3111.1	3045.8	2975.8	2967.3	3044.4	3132.1	3168.8	3170.0	3223.8
33°	2820.4	2952.1	2962.6	2864.6	2774.4	2771.5	2853.1	2946.8	2965.5	2935.8	2973.1
34°	2708.8	2844.3	2832.6	2715.8	2615.0	2611.1	2699.5	2795.6	2804.1	2749.3	2773.0
35°	2612.6	2751.9	2722.4	2588.7	2476.0	2477.1	2568.4	2666.8	2668.9	2596.2	2606.5
36°	2524.3	2668.5	2624.9	2475.5	2356.6	2360.0	2455.0	2558.0	2551.5	2464.2	2469.0
37°	2438.2	2586.9	2531.7	2372.9	2258.4	2263.4	2355.3	2457.6	2443.5	2348.0	2349.3
38°	2348.1	2501.2	2440.2	2279.7	2160.2	2166.9	2266.8	2367.1	2344.0	2242.3	2243.1
39°	2254.8	2412.6	2346.5	2186.6	2061.9	2070.2	2178.3	2277.5	2250.3	2142.7	2143.3
40°	2161.4	2318.4	2243.9	2093.3	1961.9	1972.2	2089.8	2184.3	2151.7	2044.7	2045.6
41°	2068.0	2220.3	2141.5	1991.5	1862.1	1874.1	1993.4	2086.1	2051.0	1947.3	1949.5
42°	1958.0	2121.9	2038.5	1882.1	1761.5	1774.8	1892.4	1983.4	1943.3	1846.5	1850.9
43°	1850.4	2012.8	1921.3	1772.3	1658.2	1675.1	1789.1	1872.1	1828.9	1746.4	1749.7
44°	1744.1	1902.1	1805.1	1657.3	1552.1	1572.6	1685.6	1759.4	1708.5	1641.7	1648.9

REPORT NUMBER: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1643.4	1794.8	1689.1	1545.2	1445.5	1462.6	1580.0	1649.3	1586.3	1536.1	1547.9
46°	1544.6	1691.2	1584.0	1441.0	1345.7	1356.2	1477.3	1542.7	1465.6	1427.2	1449.3
47°	1435.8	1574.3	1476.5	1348.0	1253.0	1253.9	1375.7	1445.2	1358.3	1323.2	1354.5
48°	1311.4	1453.4	1348.6	1233.2	1150.5	1144.3	1265.8	1339.7	1246.9	1225.1	1262.7
49°	1198.9	1343.3	1224.0	1102.6	1021.0	1012.9	1146.0	1230.5	1134.0	1122.6	1154.4
50°	1103.9	1268.7	1131.4	985.4	883.2	896.5	1018.9	1117.2	1048.0	1019.5	1051.0
51°	1016.1	1173.8	1063.3	889.1	756.3	795.7	906.3	1035.2	962.2	916.3	929.3
52°	945.9	1076.4	984.0	783.3	643.0	690.0	820.6	953.4	876.4	813.1	807.2
53°	904.3	1020.8	939.7	731.3	577.9	622.2	765.0	871.7	804.6	738.3	735.8
54°	852.0	969.3	893.1	672.1	510.3	572.4	724.7	798.9	733.1	678.1	681.0
55°	798.3	902.2	821.1	608.5	443.9	527.3	692.2	732.6	665.7	627.2	629.8
56°	722.6	826.1	743.4	548.4	389.2	490.2	657.5	678.2	608.1	587.8	583.7
57°	651.0	746.5	672.2	491.6	352.2	460.3	611.8	619.4	549.7	551.3	539.2
58°	598.1	677.9	608.8	440.7	326.9	432.7	566.9	564.7	490.3	501.0	498.6
59°	541.5	622.8	549.9	401.2	304.8	394.7	536.9	522.0	457.6	459.6	460.0
60°	482.1	563.0	492.0	371.6	285.1	356.1	491.4	478.2	413.0	433.1	424.5
61°	433.6	500.9	438.8	336.1	266.7	327.0	441.3	432.3	363.4	397.4	390.8
62°	391.9	446.4	390.5	302.4	250.4	304.3	404.0	398.6	327.6	361.2	358.7
63°	352.5	396.3	351.5	275.2	234.2	281.8	374.9	368.9	296.7	326.7	329.7
64°	322.4	353.7	317.1	253.2	220.2	260.7	341.4	338.9	270.2	297.8	302.3
65°	293.1	315.2	287.9	231.2	207.0	239.6	310.2	310.8	249.0	273.4	277.1
66°	266.0	283.3	262.1	213.5	194.0	218.6	281.8	284.3	229.5	250.1	254.2
67°	238.9	251.5	236.4	196.0	180.9	200.5	254.5	258.5	212.3	228.3	232.7
68°	211.9	219.8	210.7	178.5	168.1	184.6	227.3	233.5	195.5	207.1	211.1
69°	188.4	192.6	187.8	162.0	155.8	168.4	204.6	210.0	179.2	186.6	189.3
70°	165.0	169.1	166.7	148.8	143.7	152.9	183.3	187.7	163.3	167.1	168.9
71°	144.7	148.7	147.3	139.7	131.5	138.3	164.6	168.1	147.9	148.2	150.4
72°	126.5	130.4	130.0	133.3	119.4	125.0	147.2	154.9	133.6	132.0	133.9
73°	109.9	113.2	113.7	117.8	107.3	112.5	131.0	142.0	120.0	117.1	118.5
74°	94.4	97.6	98.2	100.1	95.2	100.2	115.5	122.5	107.1	104.2	105.4
75°	80.5	83.7	83.9	85.9	83.8	88.5	100.8	104.4	94.9	91.3	91.6
76°	68.5	71.3	71.4	73.1	73.0	77.4	86.5	89.9	82.7	78.4	77.8
77°	57.7	60.3	60.3	62.2	62.7	66.7	74.3	75.5	70.5	67.1	66.1
78°	48.0	50.5	50.2	52.6	52.5	56.5	63.0	64.1	59.9	56.9	55.2
79°	39.4	41.7	41.1	44.4	43.4	47.7	52.9	54.2	50.3	48.0	45.8
80°	31.7	33.7	33.2	36.4	35.5	39.4	43.5	44.4	41.1	39.1	37.4
81°	26.2	28.0	27.3	29.8	29.1	32.4	35.2	35.9	32.7	31.3	29.9
82°	20.6	22.2	21.5	23.1	22.7	25.3	28.8	28.9	25.9	24.6	22.6
83°	15.2	16.5	15.8	16.4	16.4	18.4	22.4	22.5	19.5	18.2	16.1
84°	12.2	13.3	12.8	11.8	13.1	14.3	16.0	16.4	14.9	13.5	11.0
85°	8.7	9.5	9.2	7.4	9.4	10.6	11.7	10.9	11.1	9.7	7.4
86°	4.5	4.9	5.1	4.0	5.5	6.6	7.3	6.9	7.1	5.9	3.8
87°	1.5	1.6	1.8	1.7	2.3	2.7	3.3	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°	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.1

REPORT NUMBER: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	14997.0	14997.0	14997.0
1°	15035.9	15030.0	15012.3
2°	15025.3	14989.9	14956.9
3°	14964.0	14905.0	14853.2
4°	14854.4	14770.7	14708.2
5°	14715.3	14606.9	14533.8
6°	14558.6	14432.4	14346.4
7°	14386.5	14255.7	14161.4
8°	14210.9	14083.6	13996.4
9°	14045.9	13921.0	13826.7
10°	13875.0	13753.6	13646.4
11°	13694.7	13567.4	13436.6
12°	13503.8	13351.7	13185.5
13°	13270.4	13079.5	12887.4
14°	12994.6	12767.2	12549.1
15°	12664.6	12414.8	12175.5
16°	12292.2	12035.3	11785.4
17°	11883.3	11630.1	11373.1
18°	11425.6	11204.1	10943.7
19°	10931.2	10765.1	10498.7
20°	10398.1	10305.8	10028.6
21°	9817.3	9792.9	9505.2
22°	9200.9	9217.7	8921.3
23°	8518.8	8586.4	8285.6
24°	7812.7	7896.2	7611.3
25°	7105.0	7194.9	6934.7
26°	6399.3	6477.9	6250.6
27°	5726.0	5786.9	5590.1
28°	5092.7	5130.2	4973.2
29°	4523.5	4550.0	4446.1
30°	4035.5	4060.2	4010.7
31°	3640.6	3685.8	3668.6
32°	3328.6	3393.9	3401.6
33°	3081.9	3169.5	3196.8
34°	2886.8	2996.9	3034.6
35°	2727.0	2856.7	2903.6
36°	2598.9	2744.6	2794.7
37°	2488.4	2647.8	2700.8
38°	2385.7	2558.3	2613.5
39°	2286.1	2466.2	2524.8
40°	2187.6	2367.8	2429.6
41°	2087.6	2267.2	2330.3
42°	1980.5	2162.6	2223.3
43°	1877.7	2056.2	2110.7
44°	1774.5	1942.7	1992.7

REPORT NUMBER: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1669.1	1825.2	1864.3
46°	1563.3	1705.4	1734.2
47°	1456.1	1588.6	1607.9
48°	1353.1	1472.4	1489.9
49°	1244.4	1349.1	1364.8
50°	1117.7	1223.2	1249.6
51°	1011.8	1086.9	1159.2
52°	906.1	990.7	1047.0
53°	800.5	895.7	945.7
54°	729.3	800.6	844.6
55°	671.0	741.8	774.6
56°	628.4	683.8	694.6
57°	577.0	616.2	617.7
58°	527.3	557.0	543.5
59°	482.6	507.4	491.6
60°	441.4	453.4	439.8
61°	405.4	405.8	393.2
62°	368.9	369.5	351.4
63°	333.6	335.4	316.5
64°	303.2	304.4	283.5
65°	276.4	275.3	255.4
66°	249.7	249.6	231.9
67°	223.8	227.9	210.4
68°	200.7	206.7	190.3
69°	179.1	186.6	171.7
70°	160.6	167.1	153.7
71°	144.0	149.3	137.8
72°	132.1	133.1	122.4
73°	126.3	117.2	108.0
74°	112.2	103.3	95.4
75°	93.8	89.4	82.9
76°	78.2	75.5	70.4
77°	67.3	63.4	59.9
78°	56.5	52.2	49.4
79°	45.7	41.8	38.9
80°	36.7	32.6	30.3
81°	28.1	24.5	23.1
82°	21.0	18.0	17.2
83°	15.0	13.1	12.2
84°	10.7	9.3	8.6
85°	6.5	5.5	5.0
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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440325

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)