

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: P1440322

Luminaire Tested: XSF100-SFTR-5Hx5V-840-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440322
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-840-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7561.2 lumens
Efficiency: N/A
Efficacy: 168.0 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

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

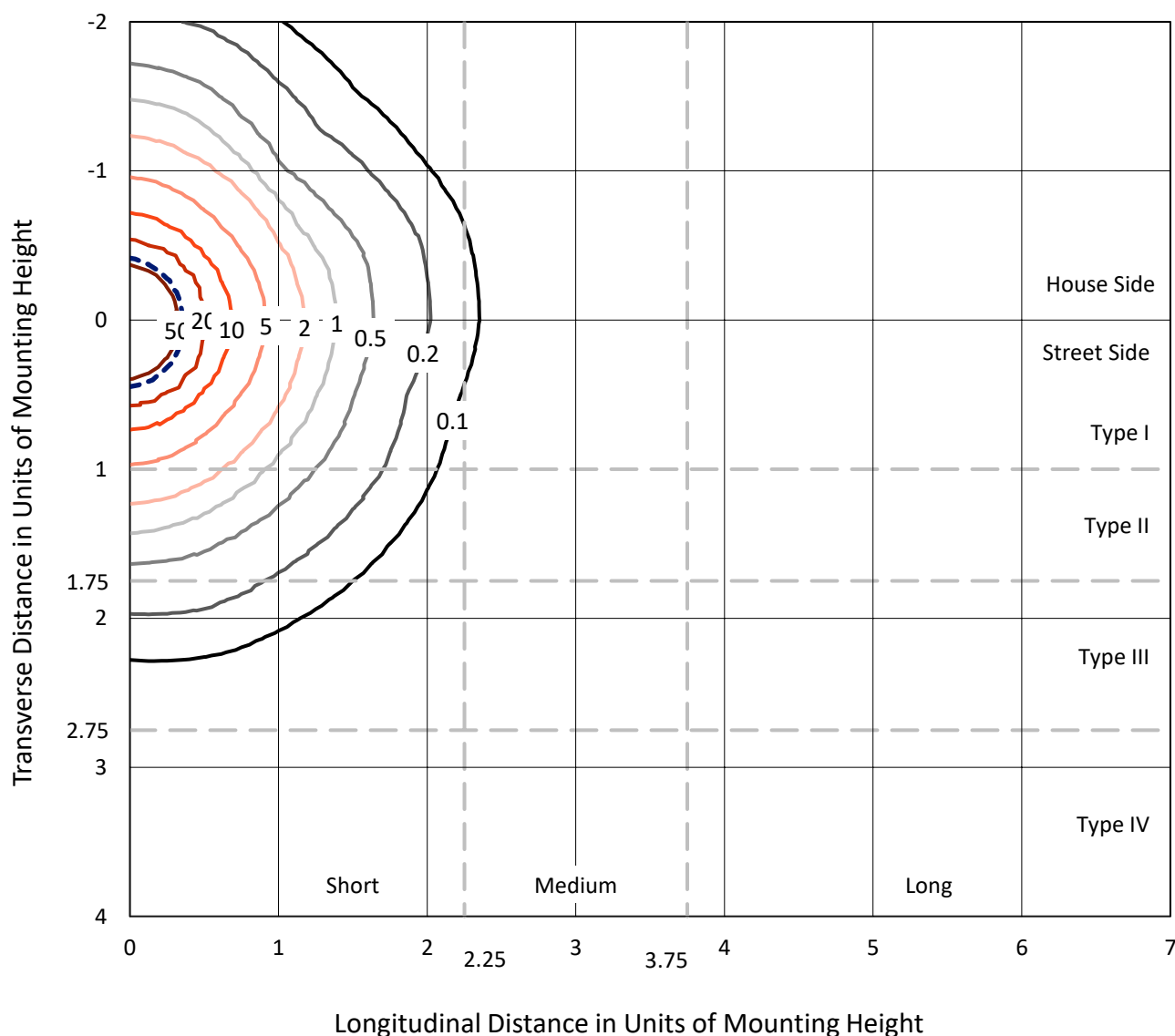
REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



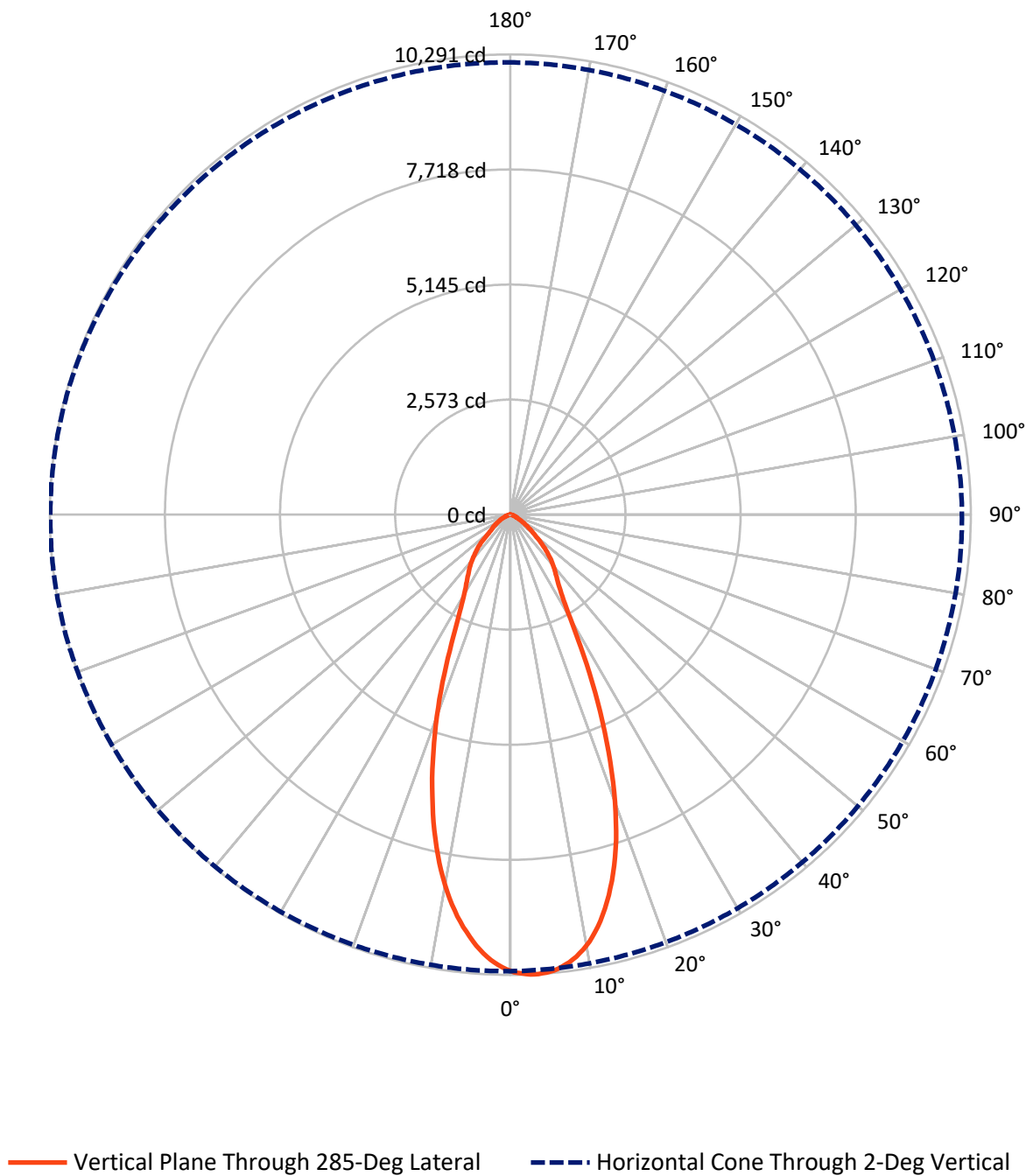
Based on 10 foot mounting height. Maximum calculated value = 102.3 fc

Type V - Short - N/A

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

Luminous Intensity Polar Plot



REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

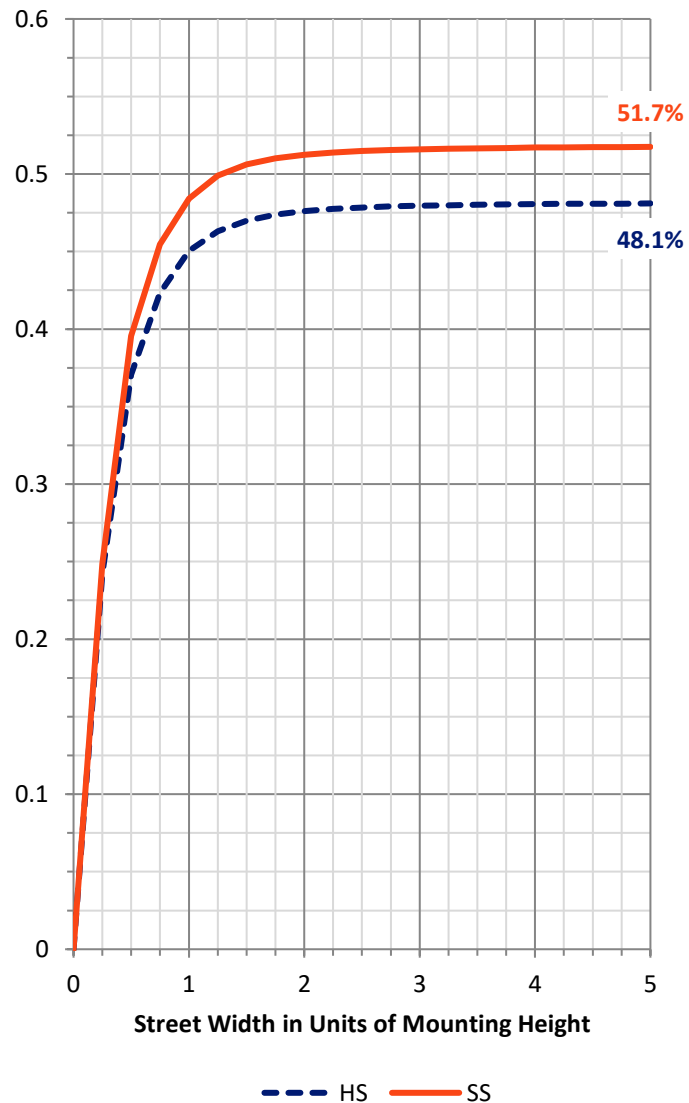
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3673.7	0.0	3673.7
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	3887.5	0.0	3887.5
	% Fixture	51.4	0.0	51.4
Total	Lumens	7561.2	0.0	7561.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	920.2	12.2
10°-20°	2175.0	28.8
20°-30°	1846.3	24.4
30°-40°	1129.0	14.9
40°-50°	823.3	10.9
50°-60°	408.8	5.4
60°-70°	184.0	2.4
70°-80°	66.2	0.9
80°-90°	8.4	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°	7561.2	100.0
0°-180°	7561.2	100.0

Coefficient of Utilization



REPORT NUMBER: P1440322

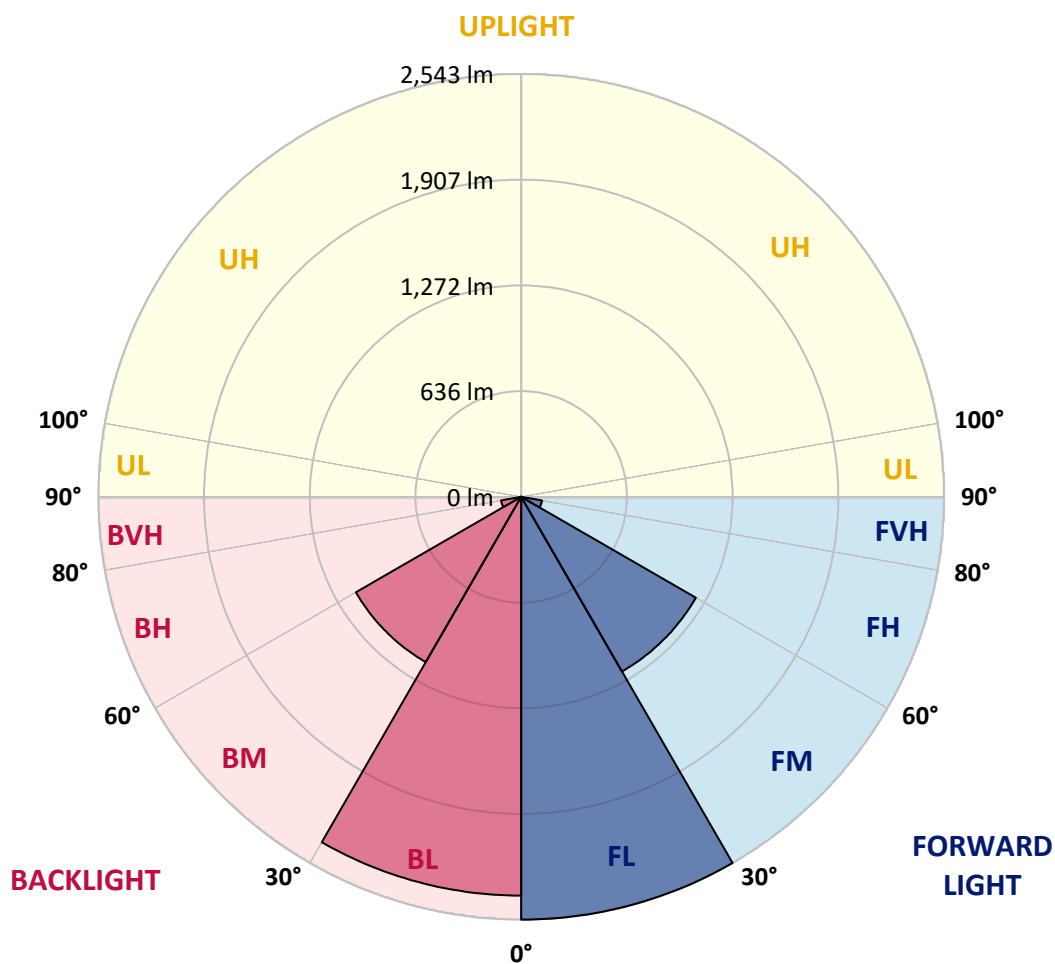
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2543.1	33.6			
FM	(30°-60°)	1213.3	16.0			
FH	(60°-80°)	127.1	1.7			G0/660
FVH	(80°-90°)	4.0	0.1			G0/10
BL	(0°-30°)	2398.4	31.7	B3/2500		
BM	(30°-60°)	1147.8	15.2	B2/2500		
BH	(60°-80°)	123.1	1.6	B1/500		G0/660
BVH	(80°-90°)	4.4	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short



REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2
1°	10244.6	10229.4	10215.7	10204.4	10193.2	10184.3	10174.7	10164.2	10163.4	10165.8	10172.3
2°	10206.8	10178.7	10159.4	10144.1	10128.8	10109.5	10093.4	10077.4	10071.7	10074.1	10074.9
3°	10136.1	10102.3	10073.3	10050.8	10028.3	10005.8	9981.6	9965.6	9955.1	9954.3	9959.1
4°	10037.1	9990.5	9955.9	9933.4	9904.4	9881.1	9848.1	9828.0	9819.2	9820.0	9826.4
5°	9918.1	9873.1	9830.4	9793.5	9758.9	9731.5	9692.9	9668.0	9659.1	9667.2	9683.3
6°	9790.2	9739.6	9691.3	9641.4	9591.6	9553.0	9508.7	9479.8	9477.4	9499.1	9535.3
7°	9664.0	9606.1	9544.1	9474.2	9404.2	9354.3	9310.9	9281.1	9281.9	9317.3	9377.7
8°	9551.4	9479.0	9394.5	9298.0	9203.9	9138.0	9081.7	9058.4	9072.8	9128.3	9219.2
9°	9435.6	9351.1	9239.3	9109.0	8985.2	8899.1	8832.4	8813.9	8838.8	8920.0	9046.3
10°	9312.5	9212.0	9072.0	8911.2	8756.8	8646.6	8558.9	8546.9	8589.5	8698.1	8850.1
11°	9169.3	9058.4	8889.5	8699.7	8510.7	8367.5	8270.2	8258.1	8323.3	8454.4	8637.7
12°	8998.0	8871.0	8692.4	8467.2	8254.1	8078.8	7955.9	7951.5	8033.4	8192.2	8392.4
13°	8794.6	8658.6	8460.8	8213.9	7972.9	7762.7	7619.2	7619.9	7724.5	7903.9	8118.2
14°	8563.7	8407.7	8193.0	7939.6	7666.4	7428.8	7267.2	7270.5	7396.4	7590.8	7815.1
15°	8308.8	8141.5	7888.8	7636.4	7347.6	7078.6	6895.4	6907.2	7042.3	7253.4	7481.3
16°	8042.6	7838.9	7571.4	7310.9	7000.3	6712.8	6516.9	6524.8	6670.4	6899.1	7124.4
17°	7761.2	7524.6	7234.9	6960.8	6631.9	6329.8	6133.7	6143.8	6288.3	6517.2	6750.7
18°	7468.2	7204.8	6887.2	6592.1	6252.9	5947.7	5753.6	5752.0	5895.5	6124.1	6363.1
19°	7164.5	6871.8	6522.5	6201.5	5862.0	5558.3	5373.7	5370.0	5499.0	5706.8	5958.1
20°	6843.7	6516.8	6142.2	5805.2	5471.5	5179.0	4996.3	4989.6	5101.2	5281.3	5530.8
21°	6486.5	6129.1	5738.7	5403.6	5074.1	4797.7	4616.4	4606.0	4700.2	4852.3	5083.9
22°	6088.1	5728.7	5327.3	4996.4	4682.7	4413.8	4244.1	4227.6	4312.3	4429.1	4636.5
23°	5654.3	5293.4	4905.3	4582.7	4286.4	4035.0	3876.0	3851.9	3920.2	4016.0	4195.3
24°	5194.1	4848.5	4484.9	4176.8	3902.1	3671.8	3524.6	3497.6	3544.4	3616.2	3781.1
25°	4732.3	4416.8	4079.0	3790.5	3535.1	3334.9	3210.0	3168.9	3194.7	3249.4	3397.4
26°	4265.5	3986.9	3683.3	3419.3	3194.7	3031.9	2930.1	2884.5	2881.3	2924.0	3049.0
27°	3814.8	3582.9	3317.1	3079.4	2895.2	2774.1	2693.6	2644.6	2619.5	2641.1	2754.6
28°	3393.8	3208.0	2987.7	2782.7	2632.7	2551.2	2493.1	2439.9	2400.8	2409.3	2502.9
29°	3034.1	2888.3	2705.4	2530.8	2416.6	2363.2	2324.9	2271.6	2220.4	2216.9	2300.0
30°	2737.0	2617.7	2469.3	2318.7	2231.2	2206.6	2185.1	2130.1	2074.8	2061.0	2133.1
31°	2503.5	2407.0	2272.7	2141.3	2077.2	2076.6	2066.9	2014.7	1953.1	1932.7	2001.0
32°	2321.3	2236.9	2110.3	1997.9	1950.7	1966.8	1968.7	1913.2	1852.0	1826.5	1890.9
33°	2181.6	2103.7	1979.3	1875.9	1843.6	1873.0	1881.9	1826.5	1765.3	1734.0	1797.5
34°	2070.9	1998.1	1871.4	1772.2	1748.6	1790.6	1807.2	1749.8	1687.3	1655.4	1719.3
35°	1981.5	1909.6	1780.7	1681.1	1664.8	1714.2	1735.8	1677.9	1615.0	1582.3	1649.1
36°	1907.1	1834.1	1702.4	1598.6	1589.9	1644.9	1668.0	1611.2	1548.3	1515.9	1583.5
37°	1843.0	1766.1	1632.3	1526.6	1521.5	1578.5	1603.1	1549.6	1481.5	1449.5	1522.1
38°	1783.5	1700.7	1568.1	1460.9	1457.6	1513.6	1541.4	1487.9	1414.8	1383.1	1460.8
39°	1723.0	1635.7	1505.7	1397.0	1393.5	1448.0	1479.8	1426.1	1347.4	1314.6	1399.3
40°	1658.0	1570.6	1440.2	1331.4	1329.6	1378.7	1418.0	1359.8	1282.1	1247.6	1333.1
41°	1590.3	1503.6	1371.0	1265.2	1263.9	1308.6	1347.3	1294.7	1213.0	1181.9	1265.2
42°	1517.2	1432.5	1299.8	1198.5	1196.6	1233.8	1273.1	1224.3	1143.5	1115.3	1196.6
43°	1440.3	1357.2	1229.8	1129.7	1128.6	1156.7	1199.9	1157.2	1072.7	1046.7	1127.9
44°	1359.8	1278.9	1157.9	1063.1	1060.5	1082.0	1127.2	1090.0	1001.7	979.6	1063.7

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1272.3	1199.7	1086.8	997.0	995.9	1012.2	1058.1	1025.0	934.8	915.8	1001.0
46°	1183.5	1122.1	1015.8	932.7	932.5	943.5	983.2	953.7	866.9	860.8	942.2
47°	1097.2	1045.1	946.5	869.4	861.6	868.3	903.4	869.1	782.8	798.8	877.3
48°	1016.7	971.2	873.3	797.9	787.8	797.9	828.2	784.1	698.4	722.9	797.6
49°	931.3	889.1	787.3	721.2	721.2	728.5	757.8	701.6	623.5	647.1	709.3
50°	852.8	803.5	714.9	645.8	654.7	669.5	696.1	629.8	545.1	552.3	630.5
51°	791.1	710.9	643.0	570.4	588.2	610.8	646.2	579.2	485.0	477.3	554.5
52°	714.5	646.8	571.1	518.5	537.3	564.0	601.9	541.2	442.4	416.3	500.7
53°	645.3	582.7	514.4	479.3	488.9	513.9	561.3	510.1	405.3	368.2	467.0
54°	576.4	539.1	474.8	452.9	444.5	463.6	515.4	485.3	374.2	321.8	430.6
55°	528.6	483.0	433.5	423.7	409.7	420.8	474.7	455.2	345.5	281.7	389.8
56°	474.0	435.6	398.7	388.9	386.0	388.3	440.1	426.5	318.5	249.8	348.2
57°	421.5	397.7	364.3	358.7	364.4	358.2	404.9	396.0	297.1	228.2	313.2
58°	370.9	361.1	333.7	330.1	334.9	324.0	370.4	373.8	275.9	212.4	282.3
59°	335.4	333.3	307.3	301.8	311.7	295.2	339.6	341.3	250.0	198.2	256.8
60°	300.1	313.7	283.3	275.9	286.7	259.3	313.7	308.7	229.7	185.4	235.1
61°	268.4	286.4	257.2	253.3	260.0	230.3	286.0	287.0	217.1	174.8	214.8
62°	239.8	256.4	233.2	232.1	236.5	213.4	261.4	266.5	201.1	164.2	197.6
63°	216.0	230.0	213.1	212.8	216.7	198.7	242.4	245.8	185.7	153.6	183.0
64°	193.4	210.6	195.7	196.0	199.2	181.9	222.5	222.2	171.1	144.4	169.3
65°	174.3	190.5	180.8	180.7	182.1	166.7	202.8	201.0	156.5	135.7	155.6
66°	158.2	172.6	166.0	166.1	166.2	153.1	184.2	181.9	143.7	126.9	142.9
67°	143.6	156.5	151.9	152.1	150.8	141.1	165.6	162.8	131.2	118.2	130.1
68°	129.9	140.8	137.6	137.9	135.8	129.4	147.0	143.7	119.0	109.8	117.7
69°	117.2	126.2	123.0	123.6	121.7	117.5	130.9	128.3	108.0	101.3	107.3
70°	104.9	112.2	109.8	110.2	108.5	106.4	118.0	115.2	98.0	93.1	103.3
71°	94.0	99.8	100.0	97.8	96.6	96.2	113.5	103.3	88.9	84.8	98.2
72°	83.5	88.6	98.1	86.9	85.8	86.5	101.4	92.2	80.2	76.8	88.3
73°	73.7	78.2	87.8	76.8	75.8	77.1	87.4	81.5	71.7	68.5	75.5
74°	65.1	68.6	74.4	67.9	67.1	68.5	74.9	71.6	63.6	60.6	65.3
75°	56.6	59.1	63.8	59.0	58.5	59.9	64.5	62.3	55.9	53.3	56.5
76°	48.1	49.6	53.2	50.1	49.8	51.3	55.8	53.8	48.5	46.2	48.3
77°	40.9	41.5	42.7	42.1	42.3	43.7	48.1	45.9	41.6	39.4	41.0
78°	33.7	33.6	35.6	35.0	35.8	36.9	41.4	38.7	35.3	32.7	34.4
79°	26.6	26.8	29.4	28.7	29.6	30.4	34.8	31.9	29.4	26.9	28.8
80°	20.7	20.9	23.4	23.2	23.7	24.6	28.3	26.0	23.9	21.8	23.6
81°	15.8	15.8	17.7	18.5	19.2	20.0	23.0	21.5	19.5	17.7	19.1
82°	11.7	12.0	13.5	13.8	14.7	15.7	18.6	17.0	15.1	13.7	14.6
83°	8.3	8.4	9.2	9.7	10.6	11.7	14.2	12.5	10.8	9.6	10.1
84°	5.9	5.9	6.5	7.0	7.8	8.6	9.8	9.1	8.0	7.0	7.0
85°	3.4	3.4	3.8	4.3	5.1	5.8	6.2	6.3	5.4	4.6	4.2
86°	0.9	0.9	1.1	1.7	2.3	3.4	3.3	3.4	2.8	2.5	2.2
87°	0.3	0.3	0.3	0.4	0.7	1.1	1.3	1.3	1.1	1.0	0.9
88°	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

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: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440322
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2	10234.2
1°	10180.3	10197.2	10204.4	10222.1	10234.2	10248.7	10259.9	10265.6	10263.9	10270.4	10272.8
2°	10088.6	10111.9	10135.3	10166.6	10203.6	10236.6	10265.6	10282.4	10290.5	10284.9	10276.8
3°	9975.2	9998.5	10035.5	10082.2	10140.1	10196.4	10252.7	10276.0	10288.9	10278.4	10253.5
4°	9845.7	9874.7	9918.1	9976.8	10058.9	10139.3	10219.7	10255.9	10273.6	10246.2	10198.8
5°	9713.0	9746.0	9791.0	9857.8	9957.5	10063.7	10165.0	10220.5	10238.2	10194.8	10126.4
6°	9580.3	9614.1	9659.9	9738.8	9845.7	9970.4	10092.6	10165.0	10176.3	10125.6	10034.7
7°	9440.4	9489.4	9540.1	9616.5	9726.7	9861.0	9999.3	10083.0	10093.4	10031.5	9931.8
8°	9306.1	9368.8	9425.1	9502.3	9607.7	9742.0	9885.9	9980.8	9993.7	9922.9	9813.6
9°	9162.1	9236.9	9309.3	9386.5	9484.6	9607.7	9751.6	9848.9	9861.8	9791.8	9683.3
10°	8992.4	9084.9	9170.2	9261.0	9347.9	9454.9	9588.4	9690.5	9707.4	9639.8	9555.4
11°	8800.2	8904.7	9008.5	9115.5	9203.9	9281.1	9396.1	9495.9	9520.0	9466.1	9413.8
12°	8574.2	8686.8	8808.2	8946.6	9039.1	9094.6	9179.8	9271.5	9302.1	9273.1	9261.0
13°	8312.0	8430.2	8574.2	8747.9	8854.1	8875.0	8942.5	9024.6	9056.8	9055.9	9089.7
14°	8019.4	8153.6	8307.2	8515.5	8633.7	8643.4	8676.3	8750.3	8786.5	8818.7	8895.9
15°	7707.6	7861.7	8026.5	8250.9	8389.2	8384.4	8391.6	8445.5	8498.6	8559.7	8675.5
16°	7380.8	7565.5	7728.4	7951.5	8094.1	8086.8	8080.4	8111.7	8179.3	8280.6	8424.6
17°	7046.0	7269.2	7433.8	7626.8	7764.2	7767.4	7737.8	7747.0	7834.0	7966.7	8127.0
18°	6688.5	6959.2	7125.8	7283.6	7401.2	7414.5	7366.4	7357.4	7455.4	7635.1	7794.1
19°	6305.1	6614.8	6797.7	6921.4	7004.9	7026.9	6964.7	6942.0	7055.4	7263.5	7418.2
20°	5888.5	6227.9	6425.4	6530.1	6575.9	6608.8	6538.1	6507.8	6626.0	6855.1	7018.5
21°	5442.4	5792.1	6006.5	6096.4	6119.5	6170.2	6092.1	6063.8	6184.7	6424.9	6584.9
22°	4976.3	5326.8	5550.1	5628.2	5651.9	5707.0	5639.0	5614.4	5740.0	5972.4	6133.4
23°	4514.5	4848.6	5072.6	5133.3	5159.0	5232.3	5180.6	5166.2	5287.3	5510.1	5656.3
24°	4062.1	4372.3	4577.6	4649.0	4679.4	4752.5	4722.8	4716.0	4841.5	5039.7	5173.7
25°	3645.5	3907.7	4106.1	4173.0	4201.0	4296.3	4269.3	4274.1	4401.9	4580.0	4692.4
26°	3258.5	3476.5	3650.4	3723.9	3754.2	3830.8	3823.0	3841.1	3964.9	4121.9	4226.9
27°	2928.3	3109.3	3257.3	3327.0	3347.4	3409.7	3408.8	3436.0	3551.9	3691.1	3781.9
28°	2649.4	2795.0	2907.9	2967.9	2981.7	3020.9	3031.9	3065.8	3162.8	3284.4	3369.8
29°	2430.0	2554.8	2636.8	2673.7	2669.8	2687.1	2707.9	2753.0	2829.3	2923.0	3000.9
30°	2257.5	2365.2	2418.6	2427.6	2407.6	2412.6	2446.0	2497.8	2552.6	2612.2	2676.5
31°	2120.7	2222.2	2256.7	2235.5	2197.2	2196.7	2240.3	2296.7	2334.5	2359.2	2414.5
32°	2013.0	2107.4	2123.1	2078.5	2030.8	2025.0	2077.6	2137.4	2162.4	2163.3	2200.0
33°	1924.7	2014.6	2021.7	1954.8	1893.3	1891.3	1947.0	2011.0	2023.7	2003.4	2028.9
34°	1848.5	1941.0	1933.0	1853.3	1784.5	1781.8	1842.2	1907.8	1913.6	1876.2	1892.3
35°	1782.9	1877.9	1857.8	1766.6	1689.7	1690.4	1752.7	1819.9	1821.3	1771.7	1778.7
36°	1722.6	1821.0	1791.2	1689.3	1608.2	1610.5	1675.4	1745.6	1741.2	1681.6	1684.9
37°	1663.8	1765.3	1727.7	1619.3	1541.2	1544.6	1607.3	1677.1	1667.5	1602.3	1603.2
38°	1602.4	1706.9	1665.2	1555.7	1474.1	1478.7	1546.9	1615.4	1599.6	1530.2	1530.7
39°	1538.7	1646.4	1601.3	1492.1	1407.0	1412.8	1486.5	1554.2	1535.7	1462.2	1462.6
40°	1475.0	1582.1	1531.3	1428.5	1338.8	1345.8	1426.1	1490.6	1468.3	1395.3	1396.0
41°	1411.2	1515.1	1461.4	1359.0	1270.7	1278.9	1360.3	1423.6	1399.7	1328.9	1330.4
42°	1336.2	1448.0	1391.1	1284.4	1202.0	1211.1	1291.4	1353.5	1326.1	1260.1	1263.1
43°	1262.8	1373.6	1311.1	1209.4	1131.6	1143.1	1220.9	1277.6	1248.0	1191.7	1194.0
44°	1190.2	1298.0	1231.8	1130.9	1059.2	1073.2	1150.3	1200.7	1165.9	1120.3	1125.2

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1121.5	1224.8	1152.7	1054.5	986.4	998.1	1078.2	1125.5	1082.5	1048.3	1056.3
46°	1054.1	1154.1	1080.9	983.4	918.3	925.5	1008.1	1052.8	1000.2	974.0	989.0
47°	979.8	1074.3	1007.6	919.9	855.1	855.7	938.8	986.3	926.9	902.9	924.3
48°	894.9	991.8	920.3	841.6	785.1	780.9	863.8	914.2	850.9	836.0	861.7
49°	818.2	916.7	835.3	752.4	696.8	691.2	782.0	839.7	773.8	766.1	787.8
50°	753.3	865.8	772.1	672.5	602.7	611.8	695.3	762.4	715.2	695.7	717.2
51°	693.4	801.0	725.6	606.7	516.1	543.0	618.5	706.4	656.6	625.3	634.2
52°	645.5	734.6	671.5	534.6	438.8	470.9	560.0	650.6	598.1	554.9	550.9
53°	617.1	696.6	641.3	499.1	394.4	424.6	522.1	594.8	549.1	503.9	502.1
54°	581.4	661.5	609.4	458.6	348.2	390.6	494.5	545.2	500.3	462.7	464.8
55°	544.8	615.7	560.3	415.2	302.9	359.8	472.3	499.9	454.3	428.0	429.8
56°	493.1	563.8	507.3	374.3	265.6	334.5	448.7	462.8	415.0	401.1	398.4
57°	444.2	509.4	458.7	335.5	240.3	314.1	417.5	422.7	375.2	376.2	368.0
58°	408.2	462.6	415.5	300.7	223.1	295.3	386.9	385.4	334.6	341.9	340.2
59°	369.5	425.0	375.3	273.8	208.0	269.3	366.4	356.2	312.3	313.7	313.9
60°	329.0	384.2	335.7	253.6	194.5	243.0	335.3	326.4	281.8	295.6	289.7
61°	295.9	341.8	299.4	229.4	182.0	223.1	301.2	295.0	248.0	271.2	266.7
62°	267.4	304.6	266.5	206.3	170.9	207.6	275.7	272.0	223.6	246.5	244.8
63°	240.5	270.4	239.8	187.8	159.8	192.3	255.9	251.8	202.5	223.0	225.0
64°	220.0	241.4	216.4	172.8	150.3	177.9	233.0	231.3	184.4	203.2	206.3
65°	200.0	215.1	196.4	157.7	141.3	163.5	211.7	212.1	169.9	186.6	189.1
66°	181.5	193.4	178.9	145.7	132.4	149.2	192.3	194.0	156.6	170.7	173.5
67°	163.0	171.7	161.3	133.8	123.5	136.9	173.7	176.4	144.9	155.8	158.8
68°	144.6	150.0	143.8	121.8	114.7	125.9	155.1	159.4	133.4	141.4	144.0
69°	128.6	131.4	128.1	110.6	106.3	114.9	139.6	143.3	122.3	127.3	129.2
70°	112.6	115.4	113.7	101.5	98.1	104.3	125.1	128.1	111.5	114.0	115.3
71°	98.7	101.5	100.5	95.4	89.7	94.3	112.3	114.7	100.9	101.2	102.6
72°	86.3	89.0	88.7	91.0	81.5	85.3	100.5	105.7	91.2	90.1	91.4
73°	75.0	77.3	77.6	80.4	73.2	76.8	89.4	96.9	81.9	79.9	80.9
74°	64.4	66.6	67.0	68.3	65.0	68.4	78.8	83.6	73.1	71.1	71.9
75°	54.9	57.1	57.2	58.6	57.2	60.4	68.8	71.2	64.7	62.3	62.5
76°	46.7	48.6	48.7	49.9	49.8	52.8	59.1	61.4	56.4	53.5	53.1
77°	39.4	41.1	41.2	42.4	42.8	45.5	50.7	51.5	48.1	45.8	45.1
78°	32.7	34.5	34.2	35.9	35.8	38.6	43.0	43.8	40.8	38.8	37.7
79°	26.9	28.4	28.1	30.3	29.6	32.6	36.1	37.0	34.3	32.7	31.2
80°	21.6	23.0	22.6	24.9	24.2	26.9	29.7	30.3	28.1	26.7	25.5
81°	17.9	19.1	18.7	20.3	19.9	22.1	24.0	24.5	22.3	21.4	20.4
82°	14.1	15.2	14.7	15.7	15.5	17.3	19.7	19.7	17.7	16.8	15.5
83°	10.4	11.2	10.8	11.2	11.2	12.5	15.3	15.3	13.3	12.4	11.0
84°	8.3	9.1	8.7	8.0	8.9	9.8	10.9	11.2	10.1	9.2	7.5
85°	6.0	6.5	6.3	5.1	6.4	7.2	8.0	7.4	7.6	6.6	5.1
86°	3.1	3.3	3.5	2.7	3.7	4.5	5.0	4.7	4.9	4.0	2.6
87°	1.1	1.1	1.2	1.2	1.6	1.9	2.2	2.1	2.1	1.4	0.8
88°	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.6	0.6	0.4	0.2
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440322
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10234.2	10234.2	10234.2
1°	10260.7	10256.7	10244.6
2°	10253.5	10229.4	10206.8
3°	10211.7	10171.5	10136.1
4°	10136.9	10079.8	10037.1
5°	10042.0	9968.0	9918.1
6°	9935.0	9848.9	9790.2
7°	9817.6	9728.3	9664.0
8°	9697.7	9610.9	9551.4
9°	9585.1	9499.9	9435.6
10°	9468.5	9385.7	9312.5
11°	9345.5	9258.6	9169.3
12°	9215.2	9111.4	8998.0
13°	9055.9	8925.7	8794.6
14°	8867.8	8712.5	8563.7
15°	8642.6	8472.1	8308.8
16°	8388.4	8213.1	8042.6
17°	8109.3	7936.6	7761.2
18°	7797.0	7645.8	7468.2
19°	7459.7	7346.3	7164.5
20°	7095.8	7032.8	6843.7
21°	6699.5	6682.8	6486.5
22°	6278.8	6290.3	6088.1
23°	5813.3	5859.5	5654.3
24°	5331.5	5388.5	5194.1
25°	4848.6	4909.9	4732.3
26°	4367.0	4420.6	4265.5
27°	3907.5	3949.1	3814.8
28°	3475.4	3500.9	3393.8
29°	3086.9	3105.0	3034.1
30°	2753.9	2770.8	2737.0
31°	2484.4	2515.2	2503.5
32°	2271.5	2316.0	2321.3
33°	2103.1	2162.9	2181.6
34°	1970.0	2045.1	2070.9
35°	1861.0	1949.4	1981.5
36°	1773.6	1873.0	1907.1
37°	1698.1	1806.9	1843.0
38°	1628.1	1745.8	1783.5
39°	1560.1	1683.0	1723.0
40°	1492.9	1615.8	1658.0
41°	1424.6	1547.2	1590.3
42°	1351.6	1475.8	1517.2
43°	1281.3	1403.2	1440.3
44°	1211.0	1325.7	1359.8

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1139.0	1245.6	1272.3
46°	1066.8	1163.8	1183.5
47°	993.7	1084.1	1097.2
48°	923.4	1004.8	1016.7
49°	849.2	920.6	931.3
50°	762.7	834.7	852.8
51°	690.5	741.7	791.1
52°	618.4	676.1	714.5
53°	546.3	611.2	645.3
54°	497.7	546.3	576.4
55°	457.9	506.2	528.6
56°	428.9	466.6	474.0
57°	393.7	420.5	421.5
58°	359.8	380.1	370.9
59°	329.3	346.2	335.4
60°	301.2	309.4	300.1
61°	276.6	276.9	268.4
62°	251.7	252.1	239.8
63°	227.7	228.9	216.0
64°	206.9	207.7	193.4
65°	188.6	187.9	174.3
66°	170.4	170.3	158.2
67°	152.7	155.5	143.6
68°	137.0	141.1	129.9
69°	122.2	127.3	117.2
70°	109.6	114.0	104.9
71°	98.3	101.9	94.0
72°	90.1	90.8	83.5
73°	86.2	80.0	73.7
74°	76.6	70.5	65.1
75°	64.0	61.0	56.6
76°	53.3	51.5	48.1
77°	46.0	43.3	40.9
78°	38.6	35.6	33.7
79°	31.2	28.5	26.6
80°	25.1	22.2	20.7
81°	19.2	16.7	15.8
82°	14.3	12.3	11.7
83°	10.2	8.9	8.3
84°	7.3	6.4	5.9
85°	4.4	3.8	3.4
86°	1.5	1.2	0.9
87°	0.4	0.3	0.3
88°	0.2	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440322

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)