

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: P1440326

Luminaire Tested: XSF100-SFTR-5Hx5V-850-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440326
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-850-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7635.3 lumens
Efficiency: N/A
Efficacy: 169.7 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

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

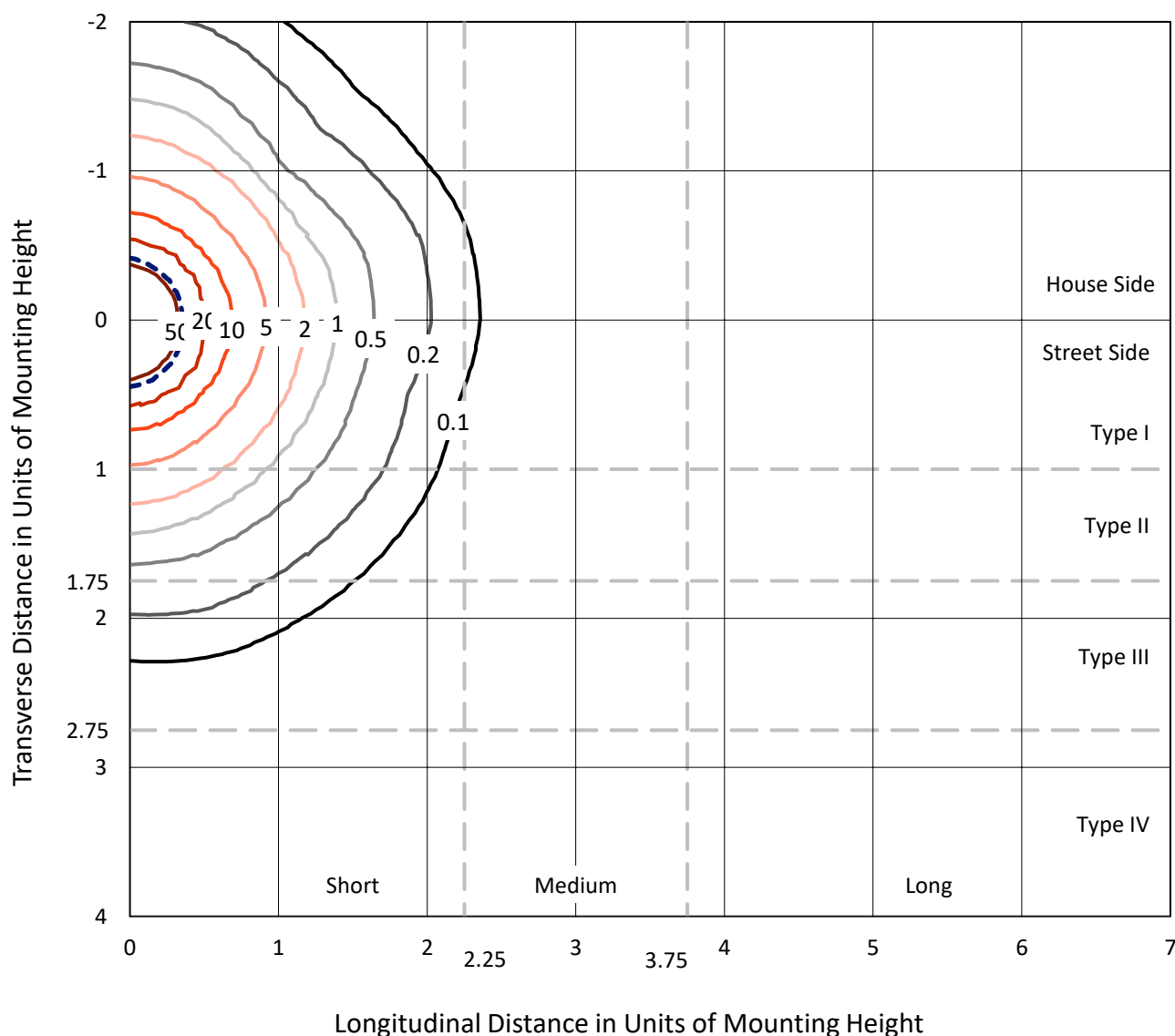
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



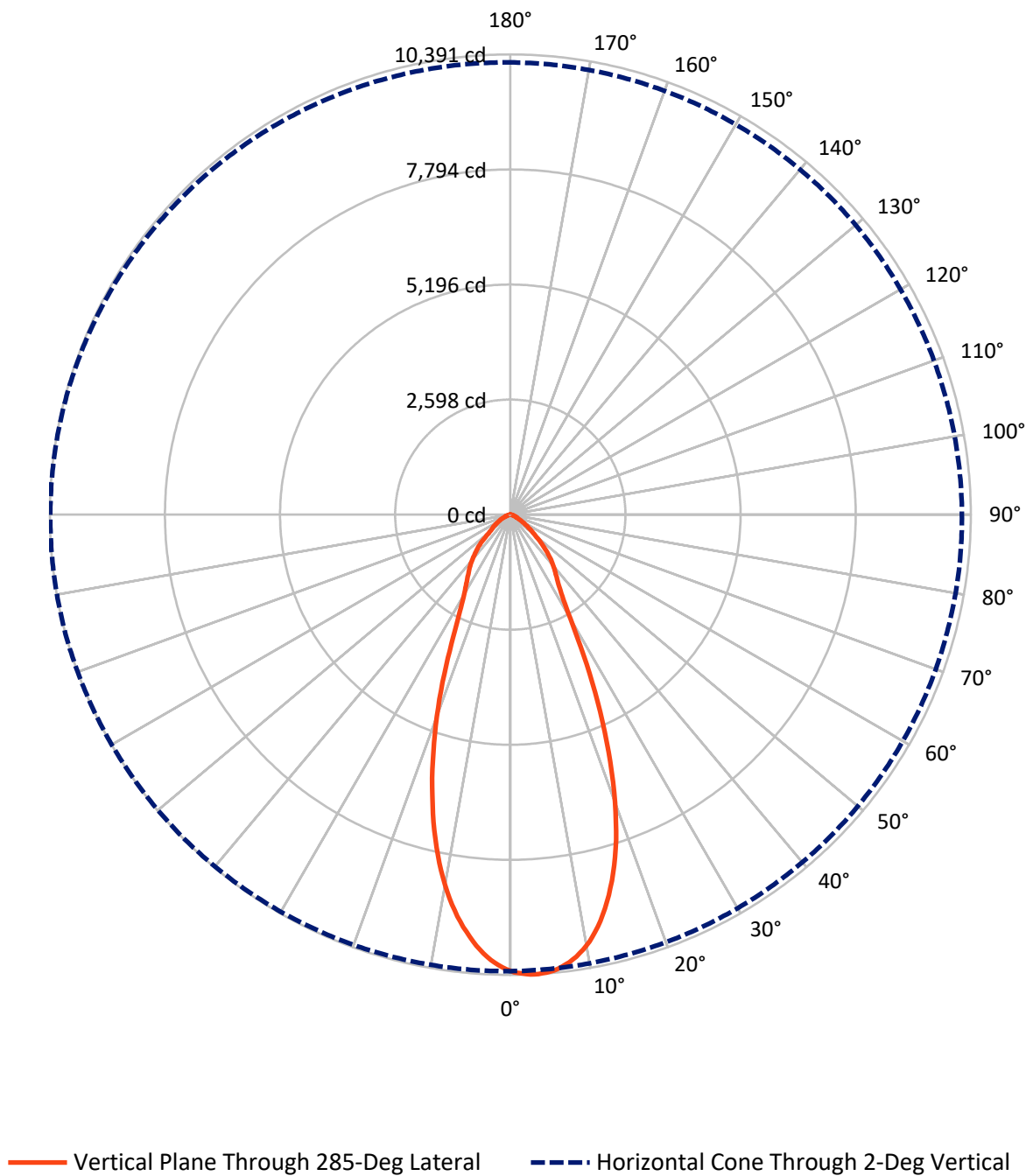
Based on 10 foot mounting height. Maximum calculated value = 103.3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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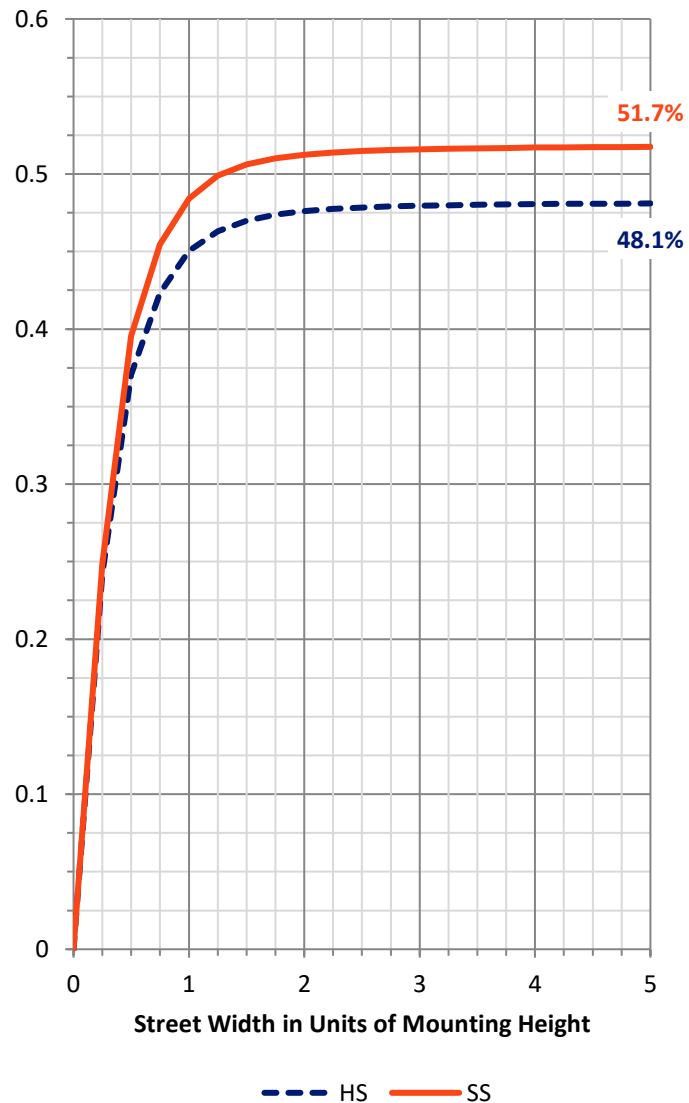
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3709.7	0.0	3709.7
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	3925.6	0.0	3925.6
	% Fixture	51.4	0.0	51.4
Total	Lumens	7635.3	0.0	7635.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	929.2	12.2
10°-20°	2196.3	28.8
20°-30°	1864.4	24.4
30°-40°	1140.1	14.9
40°-50°	831.4	10.9
50°-60°	412.9	5.4
60°-70°	185.9	2.4
70°-80°	66.8	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°	7635.3	100.0
0°-180°	7635.3	100.0

Coefficient of Utilization



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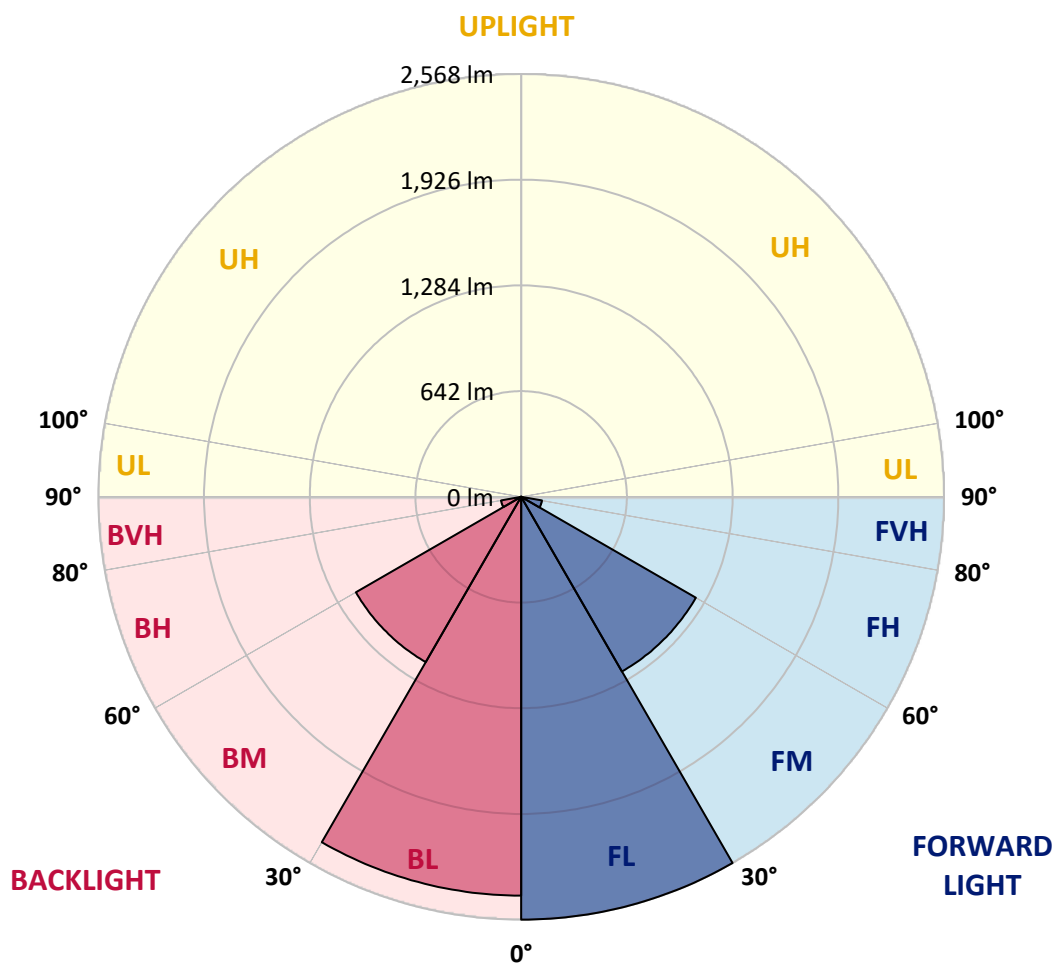
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2568.0	33.6			
FM	(30°-60°)	1225.2	16.0			
FH	(60°-80°)	128.3	1.7			G0/660
FVH	(80°-90°)	4.0	0.1			G0/10
BL	(0°-30°)	2421.9	31.7	B3/2500		
BM	(30°-60°)	1159.1	15.2	B2/2500		
BH	(60°-80°)	124.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5
1°	10345.1	10329.6	10315.8	10304.5	10293.1	10284.2	10274.4	10263.9	10263.1	10265.5	10272.0
2°	10306.9	10278.5	10259.0	10243.6	10228.1	10208.6	10192.4	10176.2	10170.5	10172.9	10173.7
3°	10235.4	10201.3	10172.1	10149.4	10126.6	10103.9	10079.5	10063.3	10052.7	10051.9	10056.8
4°	10135.5	10088.4	10053.5	10030.8	10001.5	9978.0	9944.7	9924.4	9915.5	9916.3	9922.8
5°	10015.3	9969.9	9926.8	9889.5	9854.5	9826.9	9787.9	9762.8	9753.8	9762.0	9778.2
6°	9886.2	9835.1	9786.3	9736.0	9685.6	9646.6	9602.0	9572.7	9570.3	9592.2	9628.8
7°	9758.7	9700.2	9637.7	9567.0	9496.4	9446.0	9402.2	9372.1	9372.9	9408.7	9469.6
8°	9645.0	9571.9	9486.6	9389.2	9294.2	9227.6	9170.7	9147.2	9161.8	9217.8	9309.6
9°	9528.1	9442.8	9329.9	9198.3	9073.3	8986.4	8919.0	8900.3	8925.5	9007.5	9135.0
10°	9403.8	9302.3	9161.0	8998.5	8842.6	8731.4	8642.8	8630.6	8673.7	8783.3	8936.8
11°	9259.2	9147.2	8976.6	8785.0	8594.1	8449.5	8351.3	8339.1	8404.9	8537.2	8722.4
12°	9086.3	8957.9	8777.6	8550.2	8335.0	8158.0	8033.9	8029.5	8112.2	8272.5	8474.7
13°	8880.8	8743.5	8543.7	8294.4	8051.0	7838.8	7693.9	7694.6	7800.2	7981.4	8197.8
14°	8647.7	8490.1	8273.3	8017.5	7741.6	7501.6	7338.4	7341.8	7468.9	7665.2	7891.7
15°	8390.3	8221.3	7966.1	7711.3	7419.7	7148.0	6963.0	6974.9	7111.4	7324.6	7554.6
16°	8121.4	7915.7	7645.7	7382.5	7069.0	6778.6	6580.8	6588.8	6735.8	6966.7	7194.2
17°	7837.3	7598.4	7305.9	7029.0	6696.9	6391.8	6193.8	6204.0	6350.0	6581.1	6816.9
18°	7541.4	7275.4	6954.7	6656.7	6314.2	6006.0	5810.0	5808.4	5953.3	6184.1	6425.5
19°	7234.7	6939.2	6586.5	6262.3	5919.5	5612.8	5426.3	5422.7	5552.9	5762.7	6016.5
20°	6910.8	6580.7	6202.4	5862.1	5525.2	5229.8	5045.3	5038.5	5151.2	5333.1	5585.0
21°	6550.1	6189.2	5795.0	5456.5	5123.9	4844.8	4661.6	4651.1	4746.2	4899.9	5133.7
22°	6147.8	5784.9	5379.6	5045.4	4728.6	4457.1	4285.7	4269.0	4354.5	4472.6	4681.9
23°	5709.7	5345.3	4953.4	4627.6	4328.4	4074.5	3914.0	3889.7	3958.6	4055.4	4236.4
24°	5245.0	4896.0	4528.9	4217.8	3940.4	3707.8	3559.1	3531.8	3579.2	3651.6	3818.1
25°	4778.7	4460.1	4118.9	3827.6	3569.8	3367.6	3241.4	3199.9	3226.0	3281.3	3430.7
26°	4307.4	4026.0	3719.5	3452.8	3226.0	3061.6	2958.8	2912.8	2909.6	2952.6	3078.9
27°	3852.2	3618.0	3349.6	3109.6	2923.6	2801.3	2720.0	2670.5	2645.2	2667.0	2781.6
28°	3427.1	3239.5	3017.0	2809.9	2658.6	2576.2	2517.6	2463.8	2424.3	2432.9	2527.5
29°	3063.8	2916.6	2732.0	2555.6	2440.2	2386.4	2347.7	2293.9	2242.2	2238.6	2322.6
30°	2763.8	2643.4	2493.5	2341.4	2253.0	2228.2	2206.5	2151.0	2095.2	2081.2	2154.0
31°	2528.0	2430.6	2295.0	2162.3	2097.5	2097.0	2087.2	2034.4	1972.2	1951.7	2020.6
32°	2344.1	2258.8	2131.0	2017.5	1969.9	1986.1	1988.0	1932.0	1870.2	1844.4	1909.4
33°	2202.9	2124.3	1998.7	1894.2	1861.7	1891.4	1900.3	1844.4	1782.7	1751.0	1815.1
34°	2091.2	2017.7	1889.8	1789.6	1765.8	1808.2	1824.9	1767.0	1703.9	1671.6	1736.2
35°	2000.9	1928.3	1798.2	1697.6	1681.1	1731.0	1752.8	1694.4	1630.9	1597.8	1665.3
36°	1925.8	1852.1	1719.1	1614.3	1605.5	1661.1	1684.4	1627.0	1563.5	1530.8	1599.0
37°	1861.1	1783.4	1648.3	1541.5	1536.4	1594.0	1618.8	1564.8	1496.0	1463.7	1537.1
38°	1801.0	1717.4	1583.4	1475.3	1471.8	1528.5	1556.6	1502.5	1428.6	1396.6	1475.1
39°	1739.9	1651.7	1520.4	1410.7	1407.1	1462.2	1494.3	1440.1	1360.6	1327.4	1413.0
40°	1674.2	1586.0	1454.3	1344.4	1342.6	1392.2	1431.9	1373.1	1294.6	1259.9	1346.2
41°	1605.9	1518.3	1384.5	1277.6	1276.3	1321.4	1360.5	1307.4	1224.9	1193.4	1277.6
42°	1532.1	1446.5	1312.5	1210.3	1208.3	1245.9	1285.6	1236.3	1154.7	1126.2	1208.3
43°	1454.5	1370.5	1241.8	1140.8	1139.7	1168.0	1211.6	1168.5	1083.2	1057.0	1138.9
44°	1373.2	1291.4	1169.2	1073.6	1070.9	1092.7	1138.3	1100.7	1011.5	989.2	1074.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1284.7	1211.5	1097.4	1006.7	1005.7	1022.1	1068.5	1035.1	944.0	924.8	1010.8
46°	1195.1	1133.1	1025.7	941.8	941.6	952.7	992.8	963.0	875.4	869.2	951.4
47°	1108.0	1055.4	955.7	877.9	870.0	876.8	912.3	877.6	790.5	806.6	885.9
48°	1026.7	980.7	881.9	805.7	795.5	805.7	836.3	791.8	705.2	729.9	805.5
49°	940.5	897.8	795.0	728.3	728.3	735.6	765.2	708.4	629.7	653.5	716.3
50°	861.1	811.4	721.9	652.1	661.1	676.1	702.9	636.0	550.5	557.7	636.7
51°	798.8	717.9	649.3	576.0	593.9	616.8	652.5	584.9	489.7	481.9	560.0
52°	721.5	653.1	576.7	523.6	542.6	569.5	607.8	546.5	446.8	420.4	505.6
53°	651.7	588.4	519.5	484.0	493.7	518.9	566.8	515.1	409.3	371.8	471.6
54°	582.0	544.4	479.5	457.4	448.8	468.1	520.5	490.1	377.8	324.9	434.8
55°	533.8	487.8	437.8	427.8	413.8	425.0	479.4	459.6	348.9	284.5	393.7
56°	478.7	439.8	402.6	392.7	389.8	392.1	444.4	430.7	321.6	252.2	351.6
57°	425.7	401.6	367.9	362.2	368.0	361.8	408.9	399.9	300.0	230.4	316.3
58°	374.5	364.7	337.0	333.4	338.2	327.2	374.0	377.4	278.6	214.5	285.0
59°	338.7	336.6	310.3	304.8	314.7	298.0	342.9	344.6	252.4	200.2	259.3
60°	303.1	316.7	286.1	278.6	289.5	261.9	316.8	311.8	232.0	187.3	237.4
61°	271.0	289.2	259.7	255.8	262.6	232.6	288.8	289.8	219.2	176.5	216.9
62°	242.2	258.9	235.5	234.3	238.9	215.4	263.9	269.1	203.0	165.8	199.6
63°	218.1	232.3	215.2	214.9	218.8	200.7	244.8	248.2	187.5	155.1	184.8
64°	195.3	212.6	197.6	197.9	201.2	183.7	224.6	224.4	172.8	145.8	170.9
65°	176.0	192.4	182.6	182.5	183.9	168.4	204.8	202.9	158.1	137.0	157.1
66°	159.8	174.3	167.7	167.7	167.8	154.6	186.0	183.6	145.1	128.1	144.3
67°	145.0	158.0	153.4	153.6	152.3	142.5	167.2	164.4	132.5	119.3	131.4
68°	131.1	142.1	139.0	139.2	137.2	130.7	148.4	145.1	120.2	110.9	118.8
69°	118.3	127.4	124.2	124.8	122.9	118.7	132.2	129.5	109.1	102.3	108.4
70°	105.9	113.3	110.9	111.3	109.6	107.4	119.2	116.4	99.0	94.0	104.3
71°	94.9	100.8	101.0	98.8	97.6	97.1	114.6	104.3	89.7	85.7	99.1
72°	84.3	89.5	99.0	87.7	86.6	87.3	102.3	93.1	81.0	77.6	89.1
73°	74.4	79.0	88.7	77.5	76.6	77.8	88.3	82.3	72.4	69.1	76.3
74°	65.8	69.3	75.1	68.5	67.8	69.1	75.6	72.4	64.2	61.2	66.0
75°	57.2	59.7	64.4	59.6	59.0	60.5	65.2	62.9	56.4	53.8	57.0
76°	48.5	50.1	53.7	50.6	50.3	51.8	56.3	54.3	48.9	46.6	48.7
77°	41.3	41.9	43.1	42.5	42.8	44.1	48.5	46.3	42.0	39.8	41.4
78°	34.0	33.9	35.9	35.3	36.1	37.2	41.8	39.0	35.6	33.0	34.8
79°	26.8	27.1	29.7	29.0	29.9	30.7	35.2	32.3	29.7	27.1	29.1
80°	20.9	21.1	23.6	23.4	24.0	24.9	28.6	26.3	24.2	22.0	23.8
81°	15.9	16.0	17.9	18.6	19.4	20.2	23.3	21.7	19.7	17.9	19.3
82°	11.8	12.1	13.7	14.0	14.9	15.8	18.8	17.1	15.3	13.8	14.7
83°	8.4	8.5	9.3	9.7	10.8	11.8	14.3	12.6	10.9	9.7	10.2
84°	5.9	6.0	6.6	7.0	7.9	8.7	9.9	9.2	8.1	7.1	7.0
85°	3.4	3.4	3.8	4.4	5.1	5.9	6.2	6.3	5.4	4.6	4.3
86°	0.9	0.9	1.1	1.7	2.3	3.5	3.4	3.4	2.9	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	0.3	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	0.2	0.2	0.2

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440326
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CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5	10334.5
1°	10280.1	10297.2	10304.5	10322.3	10334.5	10349.1	10360.5	10366.2	10364.6	10371.1	10373.5
2°	10187.5	10211.1	10234.6	10266.3	10303.7	10337.0	10366.2	10383.2	10391.4	10385.7	10377.6
3°	10073.0	10096.6	10133.9	10181.0	10239.5	10296.4	10353.2	10376.8	10389.7	10379.2	10354.0
4°	9942.3	9971.5	10015.3	10074.6	10157.5	10238.7	10319.9	10356.4	10374.3	10346.7	10298.8
5°	9808.3	9841.6	9887.0	9954.4	10055.1	10162.3	10264.7	10320.7	10338.6	10294.7	10225.7
6°	9674.2	9708.4	9754.7	9834.2	9942.3	10068.1	10191.6	10264.7	10276.0	10224.9	10133.1
7°	9532.9	9582.5	9633.6	9710.8	9822.1	9957.7	10097.4	10181.8	10192.4	10129.9	10029.2
8°	9397.3	9460.7	9517.5	9595.5	9701.9	9837.5	9982.9	10078.7	10091.7	10020.2	9909.8
9°	9251.9	9327.5	9400.6	9478.5	9577.6	9701.9	9847.2	9945.5	9958.5	9887.8	9778.2
10°	9080.6	9174.0	9260.1	9351.8	9439.5	9547.6	9682.4	9785.5	9802.6	9734.3	9649.1
11°	8886.5	8992.0	9096.8	9204.8	9294.2	9372.1	9488.3	9589.0	9613.3	9558.9	9506.1
12°	8658.3	8772.0	8894.6	9034.3	9127.7	9183.7	9269.8	9362.4	9393.2	9364.0	9351.8
13°	8393.5	8512.9	8658.3	8833.7	8940.9	8962.0	9030.2	9113.1	9145.5	9144.7	9178.8
14°	8098.0	8233.5	8388.6	8599.0	8718.4	8728.1	8761.4	8836.1	8872.7	8905.1	8983.1
15°	7783.2	7938.8	8105.2	8331.8	8471.5	8466.6	8473.9	8528.3	8581.9	8643.6	8760.6
16°	7453.2	7639.7	7804.2	8029.5	8173.4	8166.1	8159.6	8191.3	8259.5	8361.8	8507.2
17°	7115.1	7340.5	7506.6	7701.6	7840.3	7843.6	7813.6	7823.0	7910.8	8044.8	8206.7
18°	6754.1	7027.4	7195.7	7355.0	7473.7	7487.2	7438.6	7429.5	7528.5	7710.0	7870.5
19°	6367.0	6679.6	6864.3	6989.3	7073.6	7095.8	7033.0	7010.1	7124.5	7334.7	7490.9
20°	5946.3	6289.0	6488.4	6594.1	6640.3	6673.6	6602.2	6571.6	6690.9	6922.3	7087.3
21°	5495.8	5848.9	6065.4	6156.2	6179.5	6230.7	6151.8	6123.2	6245.4	6487.9	6649.5
22°	5025.1	5379.1	5604.5	5683.4	5707.3	5763.0	5694.3	5669.4	5796.3	6031.0	6193.6
23°	4558.7	4896.1	5122.3	5183.7	5209.6	5283.6	5231.4	5216.8	5339.1	5564.2	5711.8
24°	4102.0	4415.1	4622.5	4694.6	4725.3	4799.1	4769.1	4762.2	4888.9	5089.1	5224.4
25°	3681.2	3946.0	4146.3	4213.9	4242.2	4338.4	4311.2	4316.0	4445.0	4624.9	4738.4
26°	3290.4	3510.6	3686.2	3760.4	3791.0	3868.3	3860.4	3878.7	4003.8	4162.3	4268.4
27°	2957.0	3139.7	3289.3	3359.6	3380.2	3443.1	3442.2	3469.7	3586.7	3727.3	3818.9
28°	2675.4	2822.4	2936.4	2997.0	3010.9	3050.5	3061.6	3095.8	3193.8	3316.6	3402.9
29°	2453.8	2579.9	2662.7	2699.9	2696.0	2713.5	2734.4	2780.0	2857.0	2951.7	3030.3
30°	2279.6	2388.4	2442.4	2451.4	2431.2	2436.3	2470.0	2522.3	2577.6	2637.8	2702.7
31°	2141.5	2244.0	2278.9	2257.4	2218.8	2218.2	2262.3	2319.2	2357.4	2382.3	2438.2
32°	2032.7	2128.1	2143.9	2098.9	2050.7	2044.8	2097.9	2158.4	2183.6	2184.5	2221.5
33°	1943.5	2034.3	2041.6	1974.0	1911.9	1909.8	1966.1	2030.7	2043.5	2023.0	2048.8
34°	1866.6	1960.0	1952.0	1871.5	1802.0	1799.3	1860.2	1926.5	1932.3	1894.6	1910.9
35°	1800.4	1896.4	1876.1	1783.9	1706.2	1707.0	1769.9	1837.7	1839.2	1789.1	1796.1
36°	1739.5	1838.9	1808.8	1705.9	1624.0	1626.3	1691.8	1762.8	1758.3	1698.1	1701.4
37°	1680.2	1782.7	1744.6	1635.2	1556.3	1559.7	1623.1	1693.6	1683.8	1618.0	1618.9
38°	1618.1	1723.6	1681.5	1570.9	1488.6	1493.2	1562.1	1631.2	1615.3	1545.2	1545.8
39°	1553.8	1662.5	1617.0	1506.8	1420.8	1426.6	1501.1	1569.5	1550.7	1476.6	1477.0
40°	1489.5	1597.6	1546.3	1442.5	1352.0	1359.0	1440.1	1505.2	1482.7	1409.0	1409.6
41°	1425.1	1530.0	1475.7	1372.4	1283.2	1291.5	1373.7	1437.6	1413.4	1341.9	1343.4
42°	1349.3	1462.2	1404.8	1297.0	1213.8	1223.0	1304.1	1366.8	1339.1	1272.5	1275.5
43°	1275.1	1387.1	1324.0	1221.3	1142.7	1154.3	1232.9	1290.1	1260.3	1203.4	1205.7
44°	1201.9	1310.7	1243.9	1142.0	1069.6	1083.7	1161.5	1212.4	1177.4	1131.3	1136.3

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1132.5	1236.8	1164.0	1064.8	996.1	1007.9	1088.8	1136.5	1093.1	1058.5	1066.7
46°	1064.4	1165.4	1091.5	993.0	927.3	934.5	1018.0	1063.1	1010.0	983.5	998.7
47°	989.4	1084.9	1017.5	928.9	863.5	864.0	948.0	995.9	936.0	911.8	933.4
48°	903.7	1001.5	929.3	849.8	792.8	788.5	872.2	923.2	859.2	844.2	870.1
49°	826.2	925.7	843.5	759.8	703.6	698.0	789.7	848.0	781.4	773.6	795.5
50°	760.7	874.3	779.6	679.1	608.7	617.8	702.1	769.9	722.2	702.5	724.2
51°	700.2	808.9	732.7	612.7	521.2	548.3	624.5	713.3	663.1	631.4	640.4
52°	651.8	741.8	678.1	539.8	443.1	475.5	565.5	657.0	603.9	560.3	556.3
53°	623.1	703.4	647.6	504.0	398.3	428.8	527.2	600.7	554.5	508.8	507.0
54°	587.1	668.0	615.4	463.1	351.6	394.5	499.4	550.5	505.2	467.3	469.3
55°	550.1	621.7	565.8	419.3	305.9	363.4	477.0	504.8	458.7	432.2	434.0
56°	498.0	569.3	512.3	377.9	268.2	337.8	453.1	467.3	419.1	405.1	402.3
57°	448.6	514.4	463.2	338.8	242.7	317.2	421.6	426.8	378.8	379.9	371.6
58°	412.2	467.1	419.6	303.7	225.3	298.1	390.7	389.2	337.9	345.3	343.6
59°	373.2	429.2	379.0	276.5	210.0	272.0	370.0	359.7	315.3	316.7	317.0
60°	332.2	388.0	339.0	256.1	196.4	245.4	338.6	329.6	284.6	298.5	292.5
61°	298.8	345.2	302.4	231.6	183.8	225.3	304.1	297.9	250.4	273.9	269.3
62°	270.1	307.6	269.1	208.4	172.6	209.7	278.4	274.7	225.8	248.9	247.2
63°	242.9	273.1	242.2	189.6	161.4	194.2	258.4	254.2	204.5	225.1	227.2
64°	222.2	243.8	218.5	174.5	151.7	179.7	235.3	233.5	186.2	205.2	208.3
65°	202.0	217.2	198.4	159.3	142.7	165.1	213.8	214.2	171.6	188.4	190.9
66°	183.3	195.3	180.6	147.1	133.7	150.6	194.2	195.9	158.2	172.4	175.2
67°	164.6	173.3	162.9	135.1	124.7	138.2	175.4	178.1	146.3	157.3	160.4
68°	146.0	151.5	145.2	123.0	115.8	127.2	156.6	160.9	134.7	142.7	145.4
69°	129.8	132.7	129.4	111.7	107.3	116.1	141.0	144.7	123.5	128.6	130.4
70°	113.7	116.5	114.8	102.5	99.0	105.3	126.3	129.4	112.5	115.2	116.4
71°	99.7	102.5	101.5	96.3	90.6	95.3	113.4	115.8	101.9	102.2	103.6
72°	87.1	89.9	89.6	91.9	82.3	86.1	101.5	106.7	92.1	91.0	92.3
73°	75.8	78.0	78.3	81.2	73.9	77.5	90.3	97.9	82.7	80.7	81.7
74°	65.1	67.3	67.7	69.0	65.6	69.0	79.6	84.4	73.8	71.8	72.6
75°	55.5	57.7	57.8	59.2	57.8	61.0	69.4	71.9	65.4	62.9	63.1
76°	47.2	49.1	49.2	50.3	50.3	53.4	59.6	62.0	57.0	54.0	53.6
77°	39.8	41.6	41.6	42.9	43.2	46.0	51.2	52.0	48.6	46.2	45.5
78°	33.0	34.8	34.6	36.3	36.2	38.9	43.4	44.2	41.2	39.2	38.0
79°	27.1	28.7	28.4	30.6	29.9	32.9	36.4	37.4	34.7	33.0	31.6
80°	21.8	23.2	22.9	25.1	24.5	27.2	29.9	30.6	28.3	27.0	25.8
81°	18.0	19.3	18.8	20.5	20.1	22.3	24.2	24.7	22.5	21.6	20.6
82°	14.2	15.3	14.8	15.9	15.7	17.5	19.8	19.9	17.9	16.9	15.6
83°	10.5	11.4	10.9	11.3	11.3	12.7	15.5	15.5	13.5	12.6	11.1
84°	8.4	9.2	8.8	8.1	9.0	9.9	11.1	11.3	10.2	9.3	7.6
85°	6.0	6.6	6.4	5.1	6.5	7.3	8.1	7.5	7.7	6.7	5.1
86°	3.1	3.3	3.5	2.7	3.8	4.6	5.0	4.8	4.9	4.1	2.6
87°	1.1	1.1	1.3	1.2	1.6	1.9	2.3	2.1	2.2	1.4	0.8
88°	0.5	0.5	0.5	0.5	0.6	0.7	0.8	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: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440326
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10334.5	10334.5	10334.5
1°	10361.3	10357.3	10345.1
2°	10354.0	10329.6	10306.9
3°	10311.8	10271.2	10235.4
4°	10236.3	10178.6	10135.5
5°	10140.4	10065.7	10015.3
6°	10032.4	9945.5	9886.2
7°	9913.8	9823.7	9758.7
8°	9792.8	9705.1	9645.0
9°	9679.1	9593.0	9528.1
10°	9561.4	9477.7	9403.8
11°	9437.1	9349.4	9259.2
12°	9305.5	9200.8	9086.3
13°	9144.7	9013.2	8880.8
14°	8954.7	8797.9	8647.7
15°	8727.3	8555.1	8390.3
16°	8470.7	8293.6	8121.4
17°	8188.8	8014.4	7837.3
18°	7873.5	7720.8	7541.4
19°	7532.8	7418.3	7234.7
20°	7165.4	7101.8	6910.8
21°	6765.2	6748.3	6550.1
22°	6340.4	6352.0	6147.8
23°	5870.3	5916.9	5709.7
24°	5383.8	5441.4	5245.0
25°	4896.1	4958.1	4778.7
26°	4409.8	4463.9	4307.4
27°	3945.8	3987.8	3852.2
28°	3509.4	3535.3	3427.1
29°	3117.2	3135.4	3063.8
30°	2780.9	2797.9	2763.8
31°	2508.8	2539.9	2528.0
32°	2293.7	2338.7	2344.1
33°	2123.8	2184.1	2202.9
34°	1989.3	2065.2	2091.2
35°	1879.2	1968.6	2000.9
36°	1790.9	1891.3	1925.8
37°	1714.8	1824.6	1861.1
38°	1644.0	1762.9	1801.0
39°	1575.4	1699.5	1739.9
40°	1507.5	1631.7	1674.2
41°	1438.5	1562.3	1605.9
42°	1364.8	1490.3	1532.1
43°	1293.9	1416.9	1454.5
44°	1222.8	1338.7	1373.2

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1150.2	1257.8	1284.7
46°	1077.3	1175.2	1195.1
47°	1003.4	1094.7	1108.0
48°	932.4	1014.6	1026.7
49°	857.5	929.7	940.5
50°	770.2	842.9	861.1
51°	697.2	749.0	798.8
52°	624.4	682.7	721.5
53°	551.6	617.2	651.7
54°	502.5	551.7	582.0
55°	462.4	511.2	533.8
56°	433.1	471.2	478.7
57°	397.6	424.6	425.7
58°	363.4	383.8	374.5
59°	332.6	349.6	338.7
60°	304.2	312.4	303.1
61°	279.4	279.6	271.0
62°	254.2	254.6	242.2
63°	229.9	231.1	218.1
64°	208.9	209.8	195.3
65°	190.4	189.7	176.0
66°	172.1	172.0	159.8
67°	154.2	157.0	145.0
68°	138.3	142.4	131.1
69°	123.4	128.6	118.3
70°	110.7	115.1	105.9
71°	99.2	102.9	94.9
72°	91.0	91.7	84.3
73°	87.1	80.8	74.4
74°	77.3	71.2	65.8
75°	64.6	61.6	57.2
76°	53.9	52.0	48.5
77°	46.4	43.7	41.3
78°	39.0	36.0	34.0
79°	31.5	28.8	26.8
80°	25.3	22.5	20.9
81°	19.4	16.9	15.9
82°	14.5	12.4	11.8
83°	10.3	9.0	8.4
84°	7.4	6.4	5.9
85°	4.5	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: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440326

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)