

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: P1440328

Luminaire Tested: XSF100-SFTR-6Hx6V-830-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440328
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-830-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13257.5 lumens
Efficiency: N/A
Efficacy: 154.2 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G0

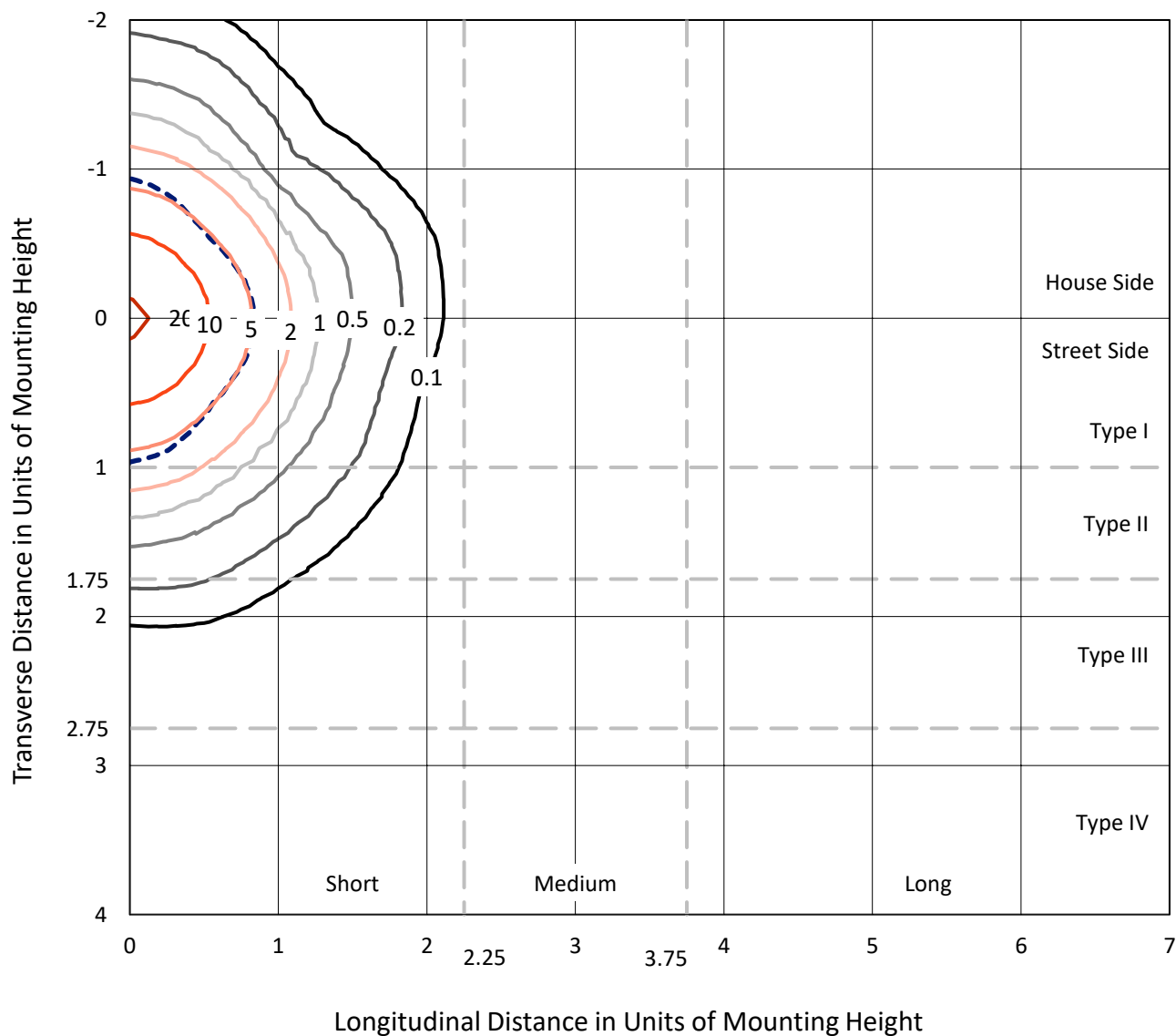
Input Watts (W): 86
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

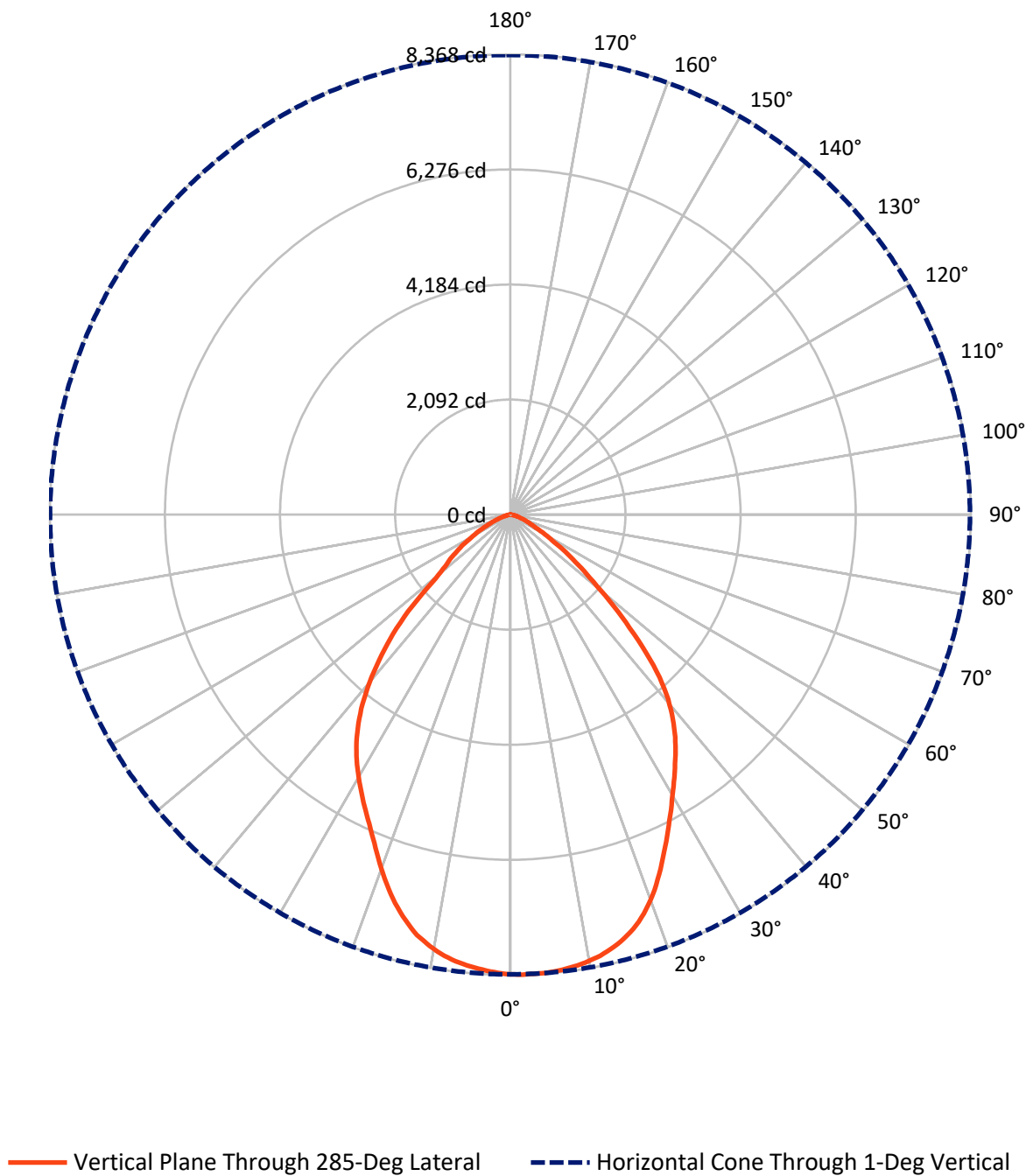


Based on 20 foot mounting height. Maximum calculated value = 20.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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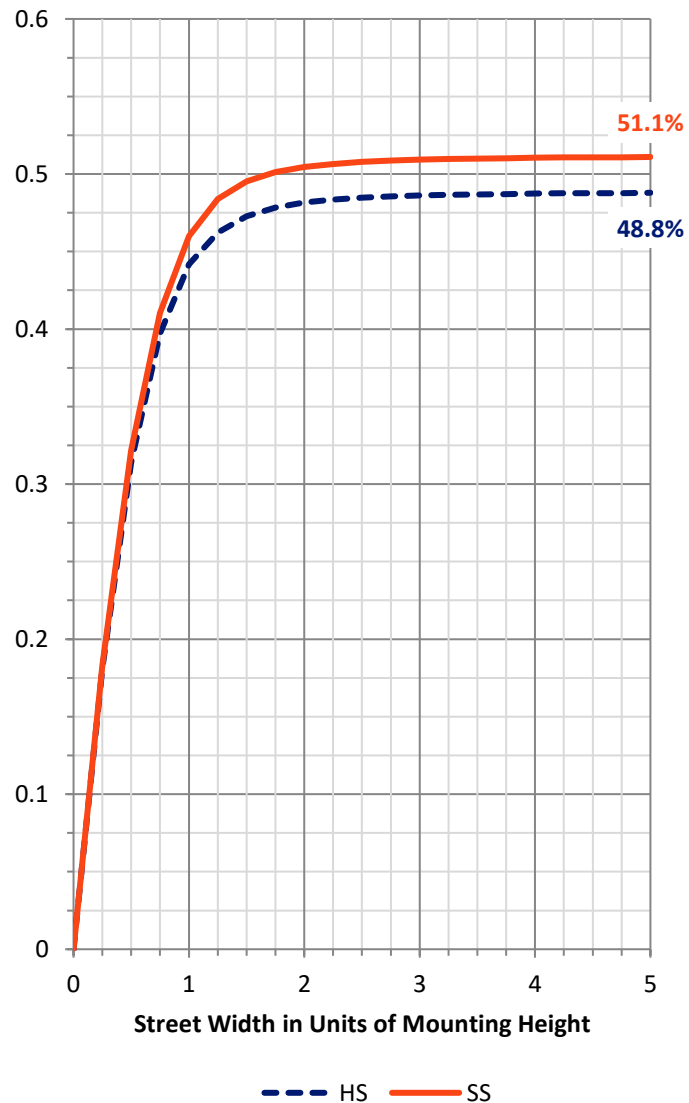
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6509.0	0.0	6509.0
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	6748.5	0.0	6748.5
	% Fixture	50.9	0.0	50.9
Total	Lumens	13257.5	0.0	13257.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	787.9	5.9
10°-20°	2185.0	16.5
20°-30°	2953.6	22.3
30°-40°	3144.3	23.7
40°-50°	2449.5	18.5
50°-60°	1127.6	8.5
60°-70°	452.4	3.4
70°-80°	140.6	1.1
80°-90°	16.7	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°	13257.5	100.0
0°-180°	13257.5	100.0

Coefficient of Utilization



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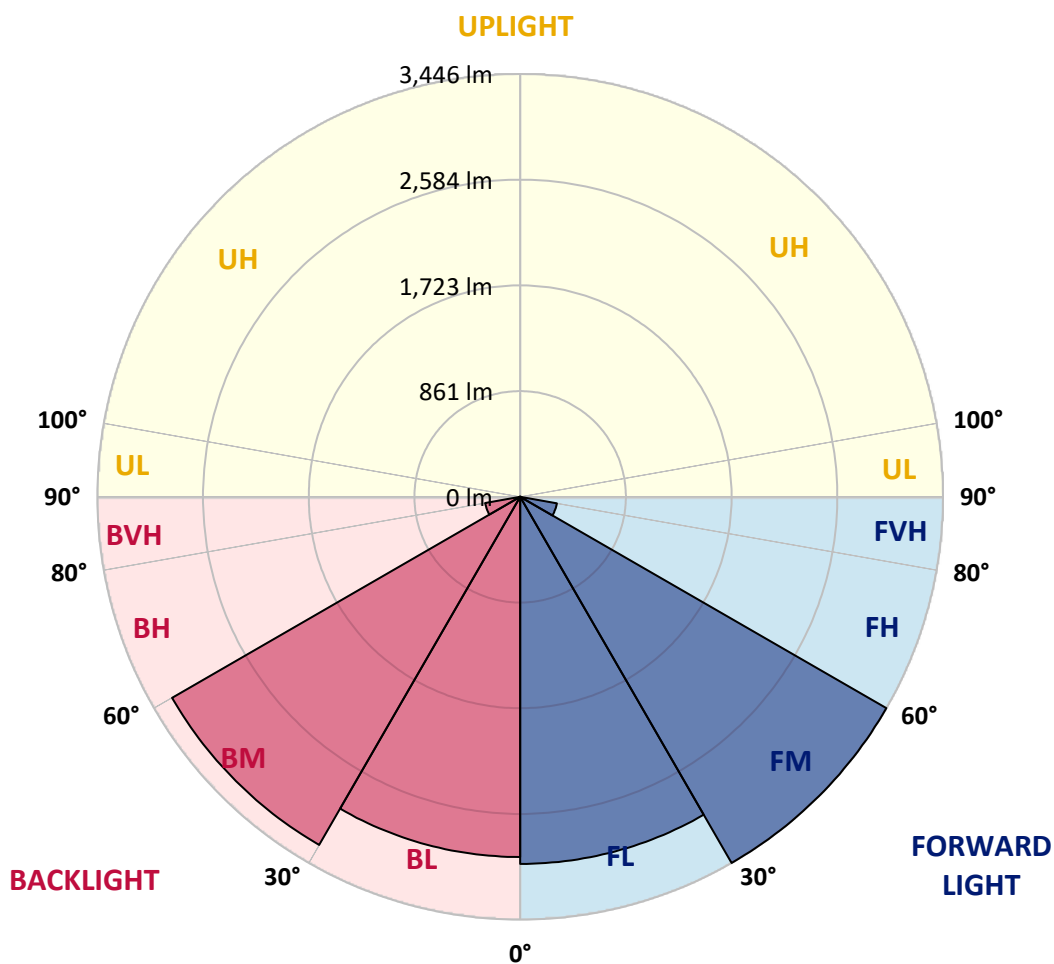
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2991.4	22.6			
FM	(30°-60°)	3445.6	26.0			
FH	(60°-80°)	303.4	2.3			G0/660
FVH	(80°-90°)	8.0	0.1			G0/10
BL	(0°-30°)	2935.0	22.1	B4/5000		
BM	(30°-60°)	3275.8	24.7	B3/5000		
BH	(60°-80°)	289.5	2.2	B1/500		G0/660
BVH	(80°-90°)	8.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3
1°	8358.2	8357.8	8356.8	8355.9	8351.0	8351.5	8352.6	8351.3	8353.6	8352.9	8355.2
2°	8356.4	8352.5	8347.7	8346.9	8344.9	8339.2	8337.7	8333.0	8336.5	8341.1	8343.4
3°	8351.0	8345.3	8339.1	8332.9	8326.4	8322.0	8314.0	8315.8	8318.2	8323.5	8327.7
4°	8338.8	8330.3	8321.5	8314.2	8305.4	8297.3	8292.4	8288.1	8293.5	8299.4	8303.2
5°	8322.8	8310.3	8302.1	8287.5	8276.6	8269.1	8262.2	8260.5	8262.4	8267.4	8276.3
6°	8301.4	8287.7	8270.1	8257.7	8245.5	8237.4	8231.8	8231.7	8229.8	8233.8	8247.5
7°	8273.6	8259.8	8242.9	8225.2	8211.2	8201.6	8200.6	8197.8	8197.6	8201.7	8215.1
8°	8251.1	8231.4	8209.8	8191.8	8172.7	8161.3	8159.7	8157.5	8160.4	8166.9	8180.4
9°	8222.3	8197.4	8174.2	8154.1	8129.9	8117.2	8108.9	8108.6	8111.5	8120.4	8140.4
10°	8187.5	8160.8	8133.1	8107.1	8081.2	8063.9	8050.6	8051.7	8059.9	8069.3	8086.8
11°	8147.0	8114.2	8081.7	8051.9	8026.4	8004.3	7986.6	7984.6	7994.7	8011.3	8030.8
12°	8095.8	8060.6	8025.7	7989.7	7962.3	7933.8	7913.6	7907.4	7922.1	7941.3	7966.0
13°	8038.5	8001.3	7962.7	7921.7	7884.8	7853.9	7828.4	7828.3	7840.2	7862.8	7889.0
14°	7975.1	7931.6	7888.2	7844.4	7802.5	7763.3	7729.3	7727.2	7743.0	7772.5	7797.6
15°	7900.2	7852.0	7804.5	7758.1	7707.9	7659.1	7618.9	7613.6	7634.5	7671.0	7695.4
16°	7811.1	7756.8	7705.2	7659.5	7599.3	7545.8	7498.7	7494.5	7515.7	7552.8	7580.0
17°	7708.3	7655.5	7594.9	7547.2	7476.8	7418.3	7368.5	7366.1	7386.0	7422.2	7455.1
18°	7598.2	7539.1	7478.0	7418.2	7341.5	7284.6	7227.4	7226.1	7247.3	7281.9	7318.1
19°	7477.1	7412.3	7352.8	7281.9	7201.4	7140.6	7083.2	7079.7	7097.1	7133.0	7175.2
20°	7350.5	7285.0	7214.6	7130.1	7050.1	6988.0	6936.0	6926.7	6939.3	6971.9	7024.6
21°	7221.5	7149.1	7075.4	6974.0	6889.5	6833.7	6788.4	6771.9	6768.9	6804.3	6856.4
22°	7087.2	7003.8	6916.3	6806.0	6719.2	6677.7	6636.7	6612.4	6600.4	6633.8	6689.1
23°	6942.6	6849.3	6748.7	6629.9	6546.8	6524.4	6494.7	6460.6	6428.1	6448.8	6511.9
24°	6798.1	6700.8	6581.5	6453.7	6377.5	6378.5	6365.1	6318.1	6263.8	6266.4	6349.5
25°	6663.3	6563.5	6422.2	6281.4	6213.0	6241.8	6247.1	6181.0	6100.5	6087.1	6190.1
26°	6540.9	6433.7	6265.7	6110.0	6050.4	6111.2	6132.2	6054.3	5945.4	5921.8	6033.0
27°	6425.5	6309.4	6115.2	5941.1	5897.1	5985.3	6018.3	5932.1	5797.9	5753.8	5878.2
28°	6313.2	6185.2	5963.4	5777.9	5750.4	5862.2	5907.0	5812.7	5650.0	5592.6	5730.8
29°	6212.1	6065.2	5822.1	5620.8	5603.4	5741.6	5797.9	5692.5	5507.6	5433.7	5583.6
30°	6118.2	5951.2	5678.9	5464.1	5455.8	5622.1	5690.6	5573.7	5368.2	5278.8	5439.5
31°	6020.3	5837.0	5537.8	5312.4	5315.7	5502.1	5578.0	5452.3	5237.7	5134.3	5301.4
32°	5925.4	5728.3	5399.5	5168.0	5177.3	5383.9	5461.0	5329.4	5109.5	4990.2	5167.7
33°	5837.3	5625.5	5262.7	5022.8	5042.7	5256.2	5339.7	5202.2	4979.5	4850.3	5035.6
34°	5749.5	5525.3	5132.5	4879.4	4902.3	5127.9	5210.6	5067.8	4846.5	4709.2	4903.2
35°	5659.2	5425.5	5000.8	4730.7	4756.8	4988.4	5072.9	4922.8	4700.8	4564.8	4766.7
36°	5568.1	5321.2	4869.8	4575.1	4614.2	4842.1	4920.0	4772.0	4540.2	4410.5	4621.9
37°	5469.7	5206.3	4733.6	4422.4	4467.2	4692.3	4760.1	4614.7	4370.6	4237.7	4464.8
38°	5359.2	5071.1	4596.1	4276.7	4316.0	4527.5	4592.3	4447.2	4188.0	4052.1	4292.4
39°	5225.1	4918.7	4445.9	4120.1	4153.9	4353.5	4414.4	4264.9	4001.3	3862.5	4114.9
40°	5059.7	4753.7	4273.0	3950.3	3978.8	4158.5	4226.1	4073.6	3810.1	3671.7	3921.1
41°	4881.9	4572.3	4079.8	3767.5	3793.3	3952.2	4014.3	3880.5	3610.0	3476.9	3718.0
42°	4671.5	4369.9	3873.2	3573.7	3592.7	3724.3	3785.6	3666.3	3395.0	3274.1	3505.0
43°	4438.9	4149.7	3660.5	3369.7	3389.8	3484.7	3555.1	3458.2	3176.9	3060.7	3291.5
44°	4195.5	3906.7	3445.3	3162.6	3180.5	3250.0	3329.5	3244.7	2968.1	2873.1	3092.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3920.7	3657.9	3222.2	2954.6	2976.0	3030.2	3110.5	3044.6	2759.3	2685.3	2906.8
46°	3639.9	3408.5	2999.4	2754.5	2777.8	2813.3	2872.8	2802.4	2549.1	2497.6	2721.5
47°	3365.2	3167.2	2779.1	2558.5	2554.6	2567.3	2635.2	2559.5	2274.9	2301.5	2534.3
48°	3103.6	2930.4	2546.7	2330.4	2316.9	2337.6	2397.7	2287.8	2004.6	2058.3	2283.1
49°	2827.7	2669.5	2272.7	2079.5	2082.8	2115.8	2172.3	2014.1	1762.9	1814.3	2004.5
50°	2570.0	2393.1	1996.0	1809.8	1863.5	1898.1	1981.4	1784.6	1505.9	1506.3	1755.2
51°	2372.5	2104.5	1765.9	1586.5	1674.2	1735.9	1831.7	1629.3	1315.4	1264.8	1515.1
52°	2143.1	1838.0	1585.3	1424.6	1508.5	1590.7	1697.2	1513.2	1181.1	1073.9	1352.8
53°	1832.4	1671.9	1412.5	1331.9	1358.2	1437.3	1576.0	1422.6	1067.0	926.0	1257.8
54°	1668.4	1545.6	1299.7	1239.9	1253.0	1308.5	1435.4	1353.5	973.3	783.8	1153.8
55°	1522.3	1371.7	1187.8	1147.9	1147.9	1179.9	1315.1	1264.1	887.8	664.1	1030.9
56°	1345.0	1242.9	1075.9	1043.4	1042.8	1051.3	1210.2	1175.7	808.4	566.4	902.5
57°	1183.0	1115.5	973.6	956.2	981.6	961.7	1102.2	1086.4	748.0	509.0	799.0
58°	1021.3	988.1	884.7	874.3	892.8	855.8	997.4	1023.5	687.8	469.5	707.0
59°	907.6	906.6	809.3	793.4	823.5	767.6	903.7	923.3	610.2	436.2	634.9
60°	800.4	852.5	740.9	719.4	751.0	657.9	828.4	823.7	553.8	405.5	572.6
61°	700.7	772.0	664.6	654.5	674.0	565.9	743.8	759.8	522.0	378.8	516.6
62°	615.5	679.5	596.3	593.6	602.8	518.0	669.2	699.6	478.3	355.0	468.0
63°	546.4	597.9	535.2	537.1	544.4	477.2	611.0	637.2	434.8	332.7	426.1
64°	478.5	539.2	484.9	489.1	495.0	429.6	549.0	566.5	395.0	311.1	388.8
65°	423.3	481.3	442.0	446.6	447.1	386.8	490.4	503.0	359.0	289.6	352.5
66°	378.3	429.0	399.3	406.2	403.5	350.2	433.6	443.8	327.0	268.4	321.1
67°	338.9	382.1	359.3	367.3	361.7	317.7	380.3	388.9	295.2	247.8	289.6
68°	303.7	337.7	321.7	327.7	321.3	287.4	337.3	346.3	263.3	228.6	258.2
69°	270.4	296.0	285.0	288.9	284.1	257.8	294.2	303.8	238.8	209.9	231.1
70°	240.0	258.5	249.3	253.9	251.5	230.5	251.6	261.6	217.0	192.3	207.5
71°	212.6	226.6	218.0	221.7	222.2	206.2	222.0	232.7	196.8	175.4	184.3
72°	187.1	198.4	189.9	195.4	195.7	184.1	195.8	205.7	176.9	158.4	162.9
73°	162.6	171.8	164.3	171.6	172.4	163.2	171.9	180.0	157.9	141.8	143.1
74°	141.2	148.3	141.3	150.4	150.3	144.0	149.4	156.8	139.8	125.9	125.1
75°	122.5	128.0	121.8	131.1	131.6	126.2	128.7	134.3	122.3	110.4	107.2
76°	103.9	107.7	102.4	111.5	112.2	108.4	109.5	113.9	105.6	96.1	90.1
77°	85.3	87.4	82.9	91.9	92.9	90.6	93.0	96.8	90.7	82.4	75.7
78°	69.1	69.6	68.2	75.7	78.4	76.8	78.8	81.6	76.7	68.5	63.0
79°	53.2	55.0	55.7	62.3	64.8	63.6	65.3	67.4	64.0	56.5	52.3
80°	40.4	42.3	44.0	50.7	51.8	51.7	52.1	55.2	52.3	46.6	42.9
81°	30.2	31.8	33.3	40.7	42.6	42.6	42.4	44.8	41.5	37.8	34.8
82°	22.4	25.0	26.3	31.0	33.1	34.1	34.3	35.9	33.1	29.1	26.7
83°	16.0	17.3	17.8	21.5	23.3	25.1	26.2	27.1	24.7	20.3	18.6
84°	10.3	12.1	12.5	13.0	15.5	17.2	18.1	18.2	16.3	13.8	12.7
85°	4.7	6.8	7.3	8.0	10.0	12.2	11.6	11.7	10.6	8.7	7.9
86°	1.5	1.6	2.1	3.2	4.5	7.3	6.5	6.4	5.7	4.7	4.3
87°	0.5	0.6	0.6	0.9	1.5	2.3	2.3	2.6	2.4	1.9	1.9
88°	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.8
89°	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3

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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: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

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: P1440328
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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: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3	8360.3
1°	8356.8	8357.7	8360.1	8361.6	8361.1	8363.6	8361.1	8364.4	8367.9	8363.0	8363.0
2°	8349.9	8350.2	8352.8	8355.6	8359.2	8360.5	8361.7	8364.6	8362.1	8362.1	8361.3
3°	8333.8	8337.1	8342.4	8350.2	8355.4	8354.8	8361.1	8365.4	8358.7	8359.8	8358.2
4°	8310.3	8316.8	8323.3	8334.5	8341.8	8346.3	8352.1	8354.2	8355.8	8352.5	8355.8
5°	8284.2	8295.5	8307.4	8315.9	8325.8	8333.5	8341.3	8349.6	8346.3	8346.7	8349.2
6°	8258.8	8269.6	8282.2	8292.4	8306.8	8314.8	8322.5	8327.3	8328.7	8334.2	8336.5
7°	8229.4	8245.1	8259.6	8268.8	8281.1	8289.1	8297.2	8304.5	8307.7	8310.9	8314.0
8°	8197.1	8214.1	8228.7	8241.0	8255.4	8262.8	8269.7	8279.2	8283.9	8288.4	8285.1
9°	8155.2	8175.0	8193.1	8206.3	8222.3	8231.1	8237.7	8248.1	8255.9	8257.3	8253.9
10°	8106.7	8127.2	8147.5	8164.3	8184.3	8193.4	8203.9	8216.3	8220.0	8225.3	8224.9
11°	8050.0	8068.4	8088.6	8113.6	8138.4	8153.8	8165.0	8178.3	8186.2	8187.6	8191.2
12°	7985.9	8001.9	8029.0	8054.4	8078.3	8104.3	8119.1	8127.3	8134.6	8143.7	8148.3
13°	7906.4	7929.0	7956.5	7989.9	8015.7	8044.8	8055.6	8068.3	8078.8	8090.4	8097.5
14°	7816.5	7844.7	7872.6	7912.5	7945.7	7968.2	7986.3	8001.2	8016.0	8032.9	8042.6
15°	7714.8	7744.5	7777.4	7824.5	7866.3	7890.5	7903.4	7923.3	7940.6	7963.2	7976.7
16°	7604.4	7633.3	7671.8	7722.3	7770.2	7793.4	7811.1	7832.9	7858.3	7886.1	7898.1
17°	7481.7	7514.0	7556.3	7611.0	7661.1	7682.0	7705.3	7728.8	7760.0	7793.8	7814.0
18°	7349.8	7389.4	7436.5	7490.5	7536.1	7560.2	7580.2	7609.7	7646.8	7694.1	7714.9
19°	7211.9	7257.5	7307.6	7360.9	7399.5	7422.7	7442.4	7476.9	7520.7	7574.6	7600.8
20°	7062.0	7109.5	7165.4	7220.5	7248.7	7269.8	7293.1	7331.5	7383.5	7442.3	7477.7
21°	6902.6	6953.2	7008.7	7068.2	7092.0	7104.9	7127.8	7178.8	7233.8	7295.4	7339.6
22°	6752.6	6815.4	6864.0	6904.2	6918.6	6924.4	6960.8	7014.3	7069.5	7136.9	7189.9
23°	6606.0	6690.0	6734.6	6746.5	6738.2	6736.6	6782.1	6848.3	6906.4	6966.5	7026.2
24°	6470.3	6573.8	6613.9	6597.0	6548.9	6542.0	6602.1	6683.5	6741.4	6789.0	6847.3
25°	6352.8	6471.3	6498.0	6445.5	6361.4	6350.6	6420.7	6513.7	6580.3	6609.0	6666.3
26°	6235.1	6371.9	6390.5	6296.6	6175.1	6166.7	6247.7	6359.4	6421.2	6432.2	6487.1
27°	6118.4	6279.5	6282.1	6151.9	5995.1	5985.3	6086.5	6207.1	6265.9	6258.5	6302.9
28°	6000.9	6188.5	6176.2	6007.8	5826.8	5813.3	5933.1	6070.6	6117.2	6087.1	6115.9
29°	5889.3	6096.8	6070.0	5864.7	5661.5	5644.8	5782.8	5933.9	5967.3	5922.1	5938.7
30°	5784.6	6004.9	5965.3	5718.4	5496.8	5483.0	5642.4	5799.0	5826.7	5758.9	5758.7
31°	5677.9	5912.8	5861.5	5574.7	5337.0	5326.9	5505.0	5671.7	5692.6	5598.2	5587.2
32°	5574.1	5821.3	5761.6	5432.6	5182.4	5178.9	5370.3	5545.3	5560.2	5438.2	5419.2
33°	5468.7	5731.4	5656.6	5294.2	5033.6	5040.5	5236.6	5424.8	5426.1	5279.1	5259.1
34°	5360.3	5645.3	5546.8	5159.6	4887.2	4904.1	5107.2	5302.3	5300.1	5123.0	5098.3
35°	5247.3	5558.4	5434.3	5021.4	4741.9	4765.3	4972.2	5175.5	5170.8	4966.0	4939.3
36°	5128.2	5460.4	5312.5	4874.2	4594.5	4625.7	4833.5	5047.5	5035.8	4811.2	4782.8
37°	4995.9	5342.3	5178.5	4727.5	4442.9	4479.2	4697.2	4917.0	4893.7	4657.7	4628.5
38°	4842.3	5201.8	5029.7	4568.0	4284.4	4323.8	4557.2	4779.1	4743.1	4498.6	4474.7
39°	4668.8	5042.6	4860.7	4394.1	4118.2	4157.1	4407.2	4633.5	4585.7	4334.2	4313.3
40°	4474.1	4859.6	4669.4	4205.5	3936.1	3978.8	4240.3	4468.4	4416.0	4165.6	4150.6
41°	4265.1	4658.1	4451.5	4004.3	3744.9	3792.0	4057.6	4278.6	4223.8	3983.9	3976.0
42°	4038.6	4435.1	4210.7	3782.3	3544.6	3595.9	3859.8	4070.4	4011.5	3792.8	3786.8
43°	3805.9	4195.1	3959.4	3545.6	3333.7	3393.6	3647.1	3841.1	3776.1	3592.1	3579.2
44°	3583.6	3962.0	3711.0	3305.3	3108.4	3178.6	3430.4	3602.9	3521.3	3375.3	3367.9

REPORT NUMBER: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3361.5	3730.5	3461.7	3068.9	2901.3	2958.3	3204.7	3363.6	3259.1	3149.8	3154.4
46°	3153.1	3510.2	3233.0	2853.1	2694.1	2738.2	2988.3	3129.8	2990.6	2917.3	2943.2
47°	2909.2	3250.3	2977.8	2637.4	2487.1	2517.9	2771.7	2918.0	2757.0	2692.0	2739.6
48°	2665.2	3035.2	2722.5	2419.6	2265.2	2278.0	2554.5	2683.6	2514.4	2482.3	2542.1
49°	2421.4	2820.3	2468.5	2128.7	1973.4	1986.2	2284.8	2446.9	2265.5	2257.7	2302.6
50°	2214.0	2605.3	2265.6	1879.5	1666.1	1726.3	2002.0	2195.7	2035.7	2020.9	2031.4
51°	2025.1	2396.4	2123.7	1674.9	1389.3	1505.2	1754.2	1967.6	1849.4	1781.7	1756.5
52°	1879.9	2185.2	1953.9	1456.2	1140.9	1272.5	1565.5	1793.0	1690.5	1570.8	1529.2
53°	1799.4	2071.7	1870.1	1354.5	1004.7	1125.1	1449.3	1670.3	1540.7	1404.8	1374.1
54°	1692.3	1962.1	1776.6	1238.3	864.5	1022.0	1370.3	1521.7	1392.0	1299.9	1272.0
55°	1579.4	1819.5	1621.1	1107.9	726.6	930.9	1310.1	1386.7	1263.8	1195.0	1171.1
56°	1415.2	1655.6	1453.5	985.6	615.2	856.4	1242.0	1274.6	1135.9	1090.1	1070.3
57°	1260.5	1479.7	1303.4	869.4	544.5	799.4	1150.1	1162.8	1008.2	1018.2	979.9
58°	1150.5	1332.6	1169.4	767.0	501.1	747.6	1061.5	1051.0	879.7	915.1	902.1
59°	1031.6	1214.6	1047.8	689.4	463.4	671.6	1005.7	964.2	816.0	827.8	829.0
60°	903.8	1084.9	924.9	635.5	431.3	595.2	911.1	876.5	726.4	777.9	760.9
61°	801.6	951.9	814.8	564.6	402.3	538.7	807.6	780.7	621.9	706.5	695.2
62°	713.2	834.8	710.8	497.1	376.2	498.1	730.8	712.0	550.4	634.1	634.5
63°	629.3	728.8	628.0	442.8	352.4	455.9	672.1	653.2	489.1	563.1	578.7
64°	568.7	639.9	557.4	398.4	329.9	417.7	603.2	588.5	436.6	506.6	523.9
65°	509.2	559.7	497.4	359.4	307.4	380.0	538.2	526.8	396.0	460.3	473.6
66°	452.6	493.3	441.3	327.9	285.0	347.7	479.7	469.1	359.8	417.1	429.2
67°	401.1	430.8	393.4	296.4	263.9	315.4	424.5	416.0	328.3	375.9	387.6
68°	354.1	373.5	349.7	265.0	242.7	283.2	375.1	366.0	298.1	336.5	346.0
69°	307.1	324.2	306.0	238.3	223.8	257.6	335.3	320.7	269.3	299.2	304.6
70°	260.2	275.4	262.5	213.3	205.7	233.0	295.4	279.3	242.1	264.4	266.0
71°	223.5	238.8	228.0	189.6	188.0	209.9	255.7	244.4	215.9	231.7	232.2
72°	191.3	205.3	197.8	168.5	170.3	189.2	226.1	214.7	193.1	203.8	203.3
73°	163.7	174.3	170.4	148.9	152.7	170.0	199.7	187.6	171.9	179.3	178.6
74°	137.8	146.9	145.1	130.7	135.8	151.3	174.5	163.5	152.4	157.3	156.3
75°	115.6	123.2	121.7	113.2	119.3	133.1	150.6	141.4	132.8	136.7	135.6
76°	96.7	102.6	101.9	95.9	104.3	115.8	127.2	122.8	115.5	119.1	117.0
77°	80.7	85.4	85.2	80.7	89.7	99.0	107.4	104.3	98.3	101.5	98.5
78°	66.5	70.7	70.5	67.8	75.4	83.5	90.5	85.8	82.9	84.0	80.0
79°	54.2	57.5	57.5	56.7	62.8	70.6	76.0	72.3	70.4	70.6	66.7
80°	43.6	46.0	46.3	46.4	51.9	58.7	62.8	58.1	57.9	57.7	54.8
81°	35.5	37.7	37.8	38.1	42.1	47.3	51.1	46.3	46.2	46.1	44.0
82°	27.5	29.4	29.2	29.7	33.8	38.0	40.7	37.4	37.2	36.4	33.8
83°	19.4	21.1	20.7	21.3	25.5	28.8	31.9	29.1	28.0	27.0	23.9
84°	13.2	14.4	14.3	14.8	17.3	19.6	23.2	21.4	20.1	18.7	15.3
85°	8.3	9.0	9.0	9.4	11.3	13.3	14.5	14.3	13.2	13.3	9.8
86°	4.1	4.6	4.8	5.3	6.2	8.1	8.7	9.3	8.8	8.0	4.4
87°	1.8	1.9	2.1	2.3	2.8	4.0	4.6	4.4	4.4	2.7	1.4
88°	0.9	1.0	1.0	1.0	1.1	1.3	1.3	1.2	1.2	0.8	0.4
89°	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

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: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

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: P1440328
CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

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: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	8360.3	8360.3	8360.3
1°	8361.7	8360.7	8358.2
2°	8360.3	8359.7	8356.4
3°	8360.1	8356.8	8351.0
4°	8354.5	8348.7	8338.8
5°	8341.8	8334.8	8322.8
6°	8326.3	8316.5	8301.4
7°	8301.9	8291.0	8273.6
8°	8275.7	8266.8	8251.1
9°	8251.8	8238.0	8222.3
10°	8220.0	8213.1	8187.5
11°	8184.6	8172.1	8147.0
12°	8141.8	8124.6	8095.8
13°	8091.6	8072.6	8038.5
14°	8031.8	8011.7	7975.1
15°	7967.5	7943.9	7900.2
16°	7889.3	7860.2	7811.1
17°	7800.9	7766.3	7708.3
18°	7704.3	7658.4	7598.2
19°	7594.7	7544.3	7477.1
20°	7471.2	7419.2	7350.5
21°	7339.0	7292.5	7221.5
22°	7195.9	7154.7	7087.2
23°	7038.4	7008.9	6942.6
24°	6873.8	6858.7	6798.1
25°	6711.0	6703.8	6663.3
26°	6543.2	6565.1	6540.9
27°	6380.8	6437.3	6425.5
28°	6218.4	6311.6	6313.2
29°	6067.5	6190.2	6212.1
30°	5910.5	6070.6	6118.2
31°	5758.1	5953.4	6020.3
32°	5616.0	5843.5	5925.4
33°	5473.9	5735.8	5837.3
34°	5333.3	5631.3	5749.5
35°	5186.5	5528.2	5659.2
36°	5049.9	5431.6	5568.1
37°	4916.6	5326.8	5469.7
38°	4767.7	5212.6	5359.2
39°	4604.0	5073.4	5225.1
40°	4427.3	4902.6	5059.7
41°	4237.6	4714.7	4881.9
42°	4026.6	4513.7	4671.5
43°	3815.4	4297.6	4438.9
44°	3599.8	4067.4	4195.5

REPORT NUMBER: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3374.4	3812.6	3920.7
46°	3147.7	3553.4	3639.9
47°	2918.9	3298.0	3365.2
48°	2693.4	3047.4	3103.6
49°	2459.3	2777.2	2827.7
50°	2184.2	2499.0	2570.0
51°	1894.6	2187.2	2372.5
52°	1641.6	1962.4	2143.1
53°	1492.8	1736.2	1832.4
54°	1348.6	1551.9	1668.4
55°	1251.6	1427.1	1522.3
56°	1155.1	1299.4	1345.0
57°	1058.6	1171.7	1183.0
58°	962.1	1043.9	1021.3
59°	873.9	944.9	907.6
60°	790.6	834.8	800.4
61°	720.3	737.1	700.7
62°	650.6	663.3	615.5
63°	580.8	594.2	546.4
64°	519.3	530.1	478.5
65°	465.2	472.5	423.3
66°	409.1	421.4	378.3
67°	356.2	378.2	338.9
68°	313.1	337.3	303.7
69°	275.1	299.6	270.4
70°	243.8	263.8	240.0
71°	214.2	232.6	212.6
72°	188.5	205.0	187.1
73°	165.0	177.4	162.6
74°	142.7	152.4	141.2
75°	123.9	132.0	122.5
76°	105.1	111.6	103.9
77°	86.3	91.3	85.3
78°	71.6	74.0	69.1
79°	59.3	58.4	53.2
80°	47.4	45.2	40.4
81°	36.1	33.9	30.2
82°	27.0	24.7	22.4
83°	19.3	18.1	16.0
84°	13.8	12.7	10.3
85°	8.3	7.3	4.7
86°	2.8	1.8	1.5
87°	0.8	0.6	0.5
88°	0.3	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

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: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

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: P1440328

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)