

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: P1440369

Luminaire Tested: XSF200-SFTR-6Hx6V-840-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440369
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-840-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19390.1 lumens
Efficiency: N/A
Efficacy: 162.9 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G1

Input Watts (W): 119
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

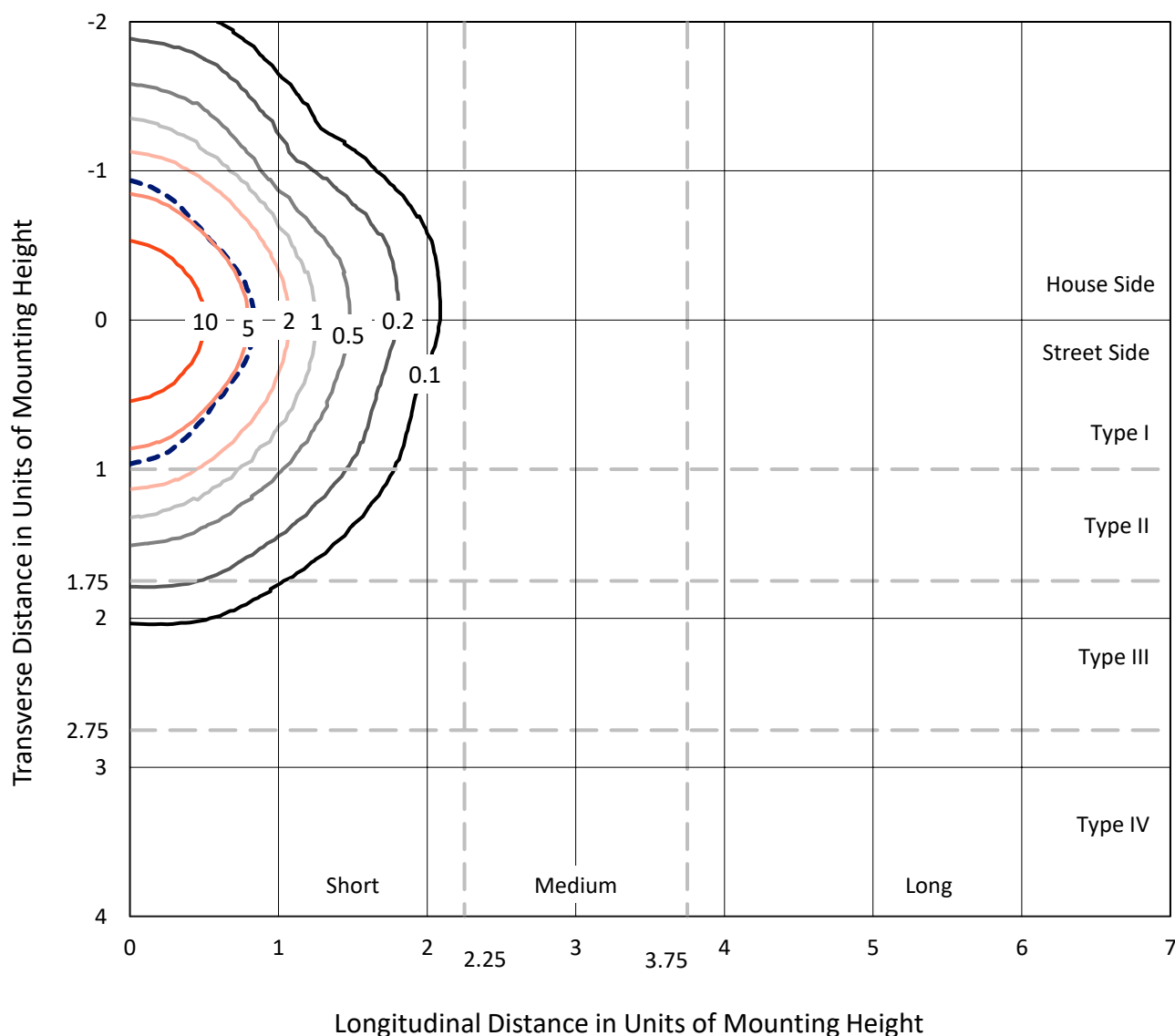
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



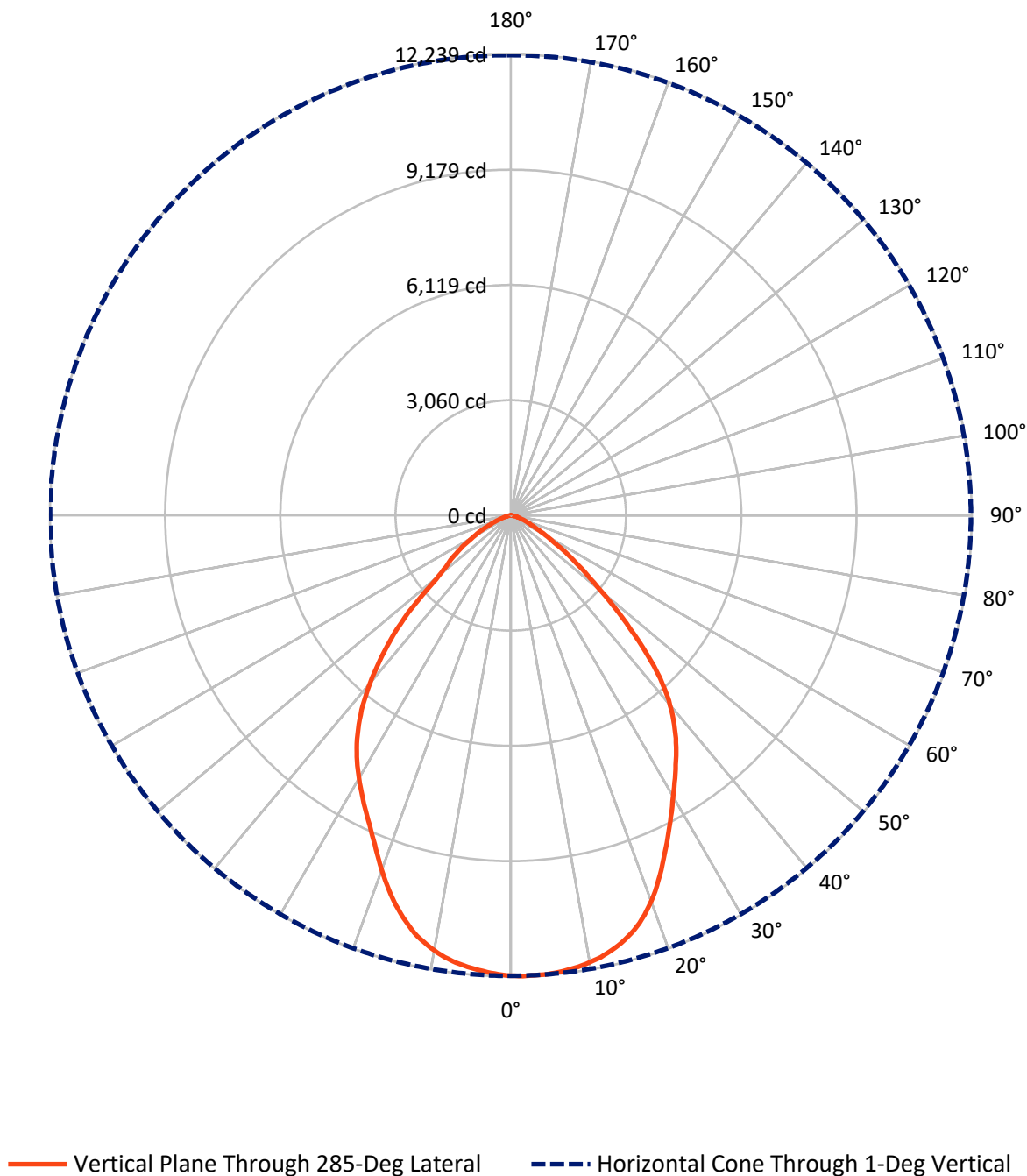
Based on 25 foot mounting height. Maximum calculated value = 19.6 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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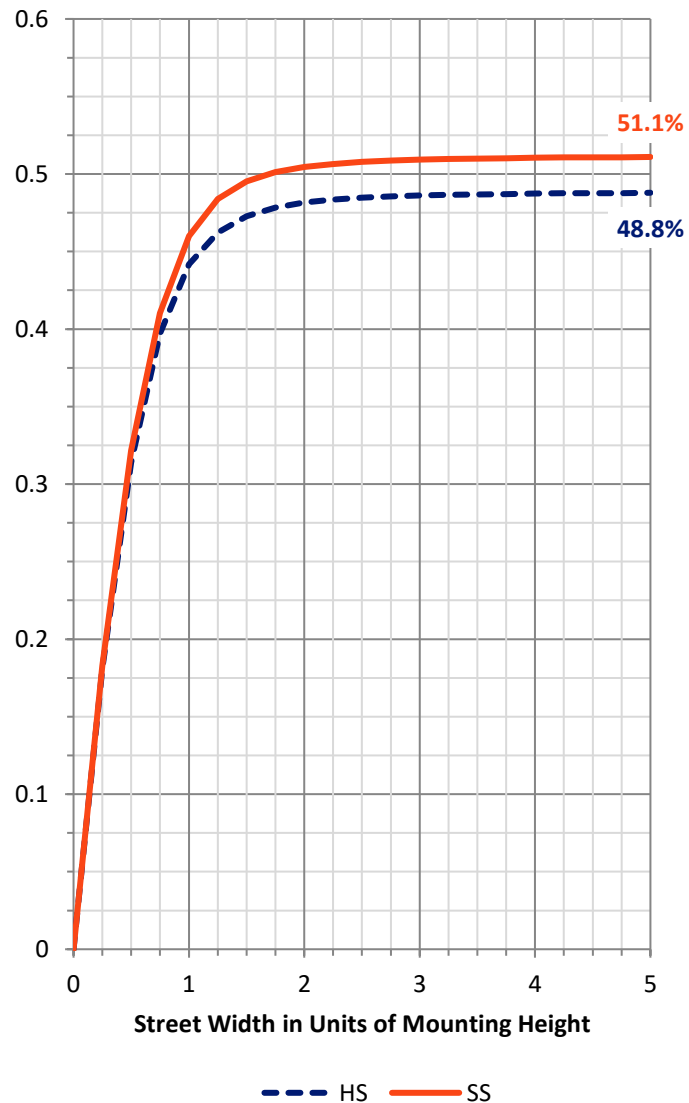
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9519.8	0.0	9519.8
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	9870.3	0.0	9870.3
	% Fixture	50.9	0.0	50.9
Total	Lumens	19390.1	0.0	19390.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1152.3	5.9
10°-20°	3195.7	16.5
20°-30°	4319.8	22.3
30°-40°	4598.8	23.7
40°-50°	3582.6	18.5
50°-60°	1649.2	8.5
60°-70°	661.6	3.4
70°-80°	205.6	1.1
80°-90°	24.4	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°	19390.1	100.0
0°-180°	19390.1	100.0

Coefficient of Utilization



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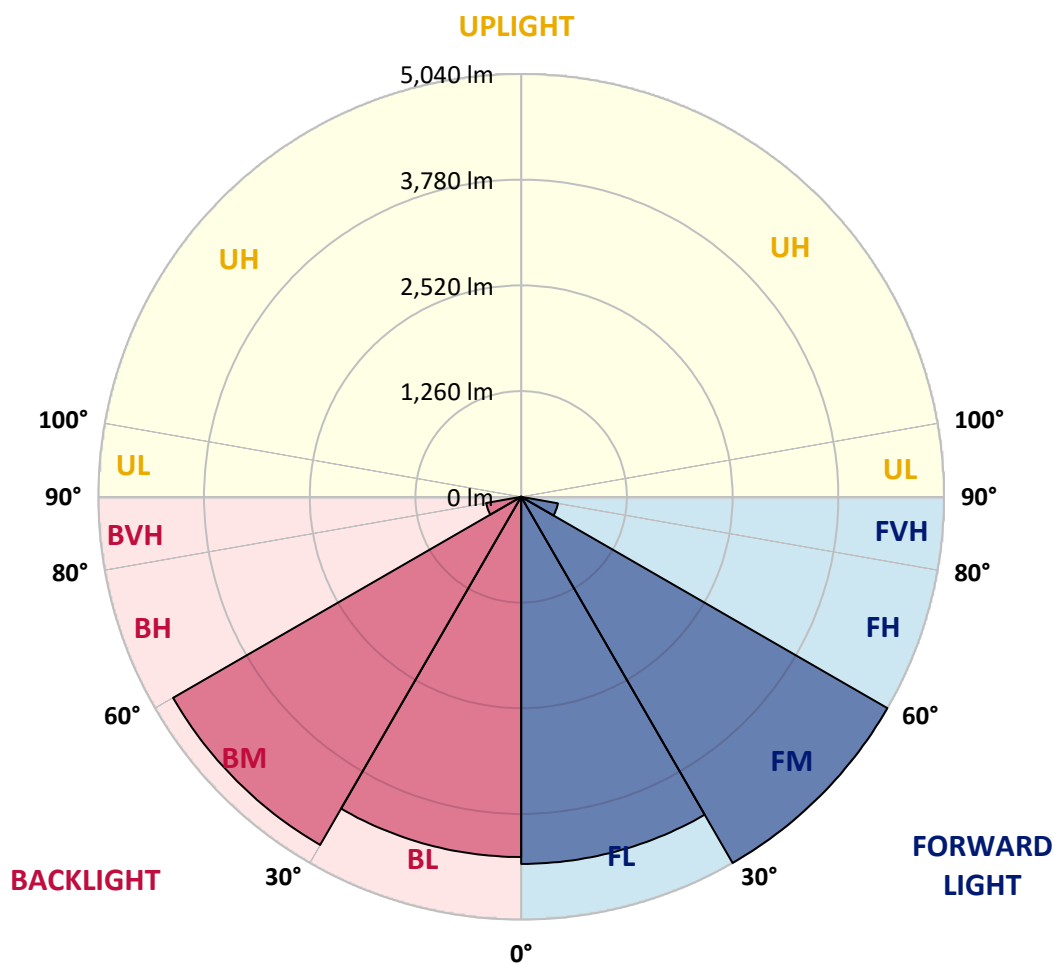
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4375.2	22.6			
FM	(30°-60°)	5039.5	26.0			
FH	(60°-80°)	443.8	2.3			G0/660
FVH	(80°-90°)	11.8	0.1			G1/100
BL	(0°-30°)	4292.7	22.1	B4/5000		
BM	(30°-60°)	4791.1	24.7	B3/5000		
BH	(60°-80°)	423.4	2.2	B1/500		G0/660
BVH	(80°-90°)	12.7	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5
1°	12224.6	12223.9	12222.5	12221.2	12214.0	12214.7	12216.4	12214.5	12217.8	12216.8	12220.1
2°	12221.8	12216.1	12209.2	12207.9	12205.0	12196.8	12194.4	12187.7	12192.8	12199.5	12202.9
3°	12214.0	12205.6	12196.6	12187.5	12178.0	12171.5	12159.9	12162.4	12166.0	12173.8	12179.9
4°	12196.1	12183.7	12170.9	12160.1	12147.3	12135.5	12128.3	12122.0	12129.8	12138.4	12144.1
5°	12172.8	12154.4	12142.4	12121.2	12105.2	12094.2	12084.1	12081.6	12084.3	12091.7	12104.7
6°	12141.4	12121.4	12095.7	12077.6	12059.7	12047.9	12039.7	12039.5	12036.7	12042.6	12062.6
7°	12100.7	12080.5	12055.9	12030.0	12009.6	11995.5	11994.0	11990.0	11989.6	11995.7	12015.2
8°	12067.9	12039.0	12007.5	11981.1	11953.1	11936.5	11934.2	11931.0	11935.2	11944.7	11964.5
9°	12025.8	11989.3	11955.4	11926.0	11890.6	11872.1	11859.8	11859.4	11863.6	11876.7	11906.0
10°	11974.8	11935.9	11895.2	11857.3	11819.4	11794.1	11774.6	11776.2	11788.2	11801.9	11827.6
11°	11915.6	11867.6	11820.0	11776.4	11739.2	11707.0	11681.1	11678.1	11692.8	11717.1	11745.7
12°	11840.7	11789.3	11738.1	11685.5	11645.5	11603.8	11574.3	11565.2	11586.7	11614.7	11650.9
13°	11756.9	11702.5	11646.1	11586.1	11532.2	11486.9	11449.6	11449.4	11466.9	11500.0	11538.3
14°	11664.2	11600.6	11537.0	11473.0	11411.7	11354.4	11304.8	11301.6	11324.8	11367.9	11404.6
15°	11554.7	11484.2	11414.7	11346.9	11273.4	11202.0	11143.2	11135.4	11166.0	11219.5	11255.1
16°	11424.4	11345.0	11269.4	11202.6	11114.6	11036.3	10967.4	10961.3	10992.3	11046.6	11086.4
17°	11274.0	11196.7	11108.1	11038.4	10935.4	10849.9	10777.0	10773.5	10802.5	10855.6	10903.6
18°	11112.9	11026.6	10937.1	10849.7	10737.5	10654.3	10570.7	10568.8	10599.7	10650.3	10703.3
19°	10935.8	10841.1	10754.1	10650.3	10532.6	10443.7	10359.7	10354.6	10380.1	10432.5	10494.2
20°	10750.7	10654.9	10551.9	10428.3	10311.2	10220.5	10144.5	10130.8	10149.3	10196.9	10274.0
21°	10562.0	10456.1	10348.3	10200.1	10076.4	9994.7	9928.6	9904.4	9900.0	9951.8	10028.0
22°	10365.6	10243.6	10115.6	9954.3	9827.3	9766.7	9706.7	9671.1	9653.6	9702.5	9783.3
23°	10154.1	10017.7	9870.5	9696.8	9575.3	9542.4	9499.0	9449.1	9401.5	9431.9	9524.1
24°	9942.7	9800.4	9626.0	9439.0	9327.6	9329.1	9309.5	9240.7	9161.3	9165.1	9286.6
25°	9745.6	9599.7	9392.9	9187.0	9086.9	9129.0	9136.8	9040.2	8922.5	8902.9	9053.4
26°	9566.6	9409.7	9164.0	8936.4	8849.2	8938.0	8968.8	8854.9	8695.7	8661.1	8823.7
27°	9397.7	9228.0	8943.9	8689.4	8624.9	8754.0	8802.2	8676.1	8479.8	8415.4	8597.3
28°	9233.5	9046.3	8722.0	8450.6	8410.3	8574.0	8639.4	8501.5	8263.6	8179.5	8381.7
29°	9085.7	8870.9	8515.2	8220.8	8195.3	8397.5	8479.8	8325.7	8055.3	7947.3	8166.5
30°	8948.4	8704.1	8305.9	7991.7	7979.5	8222.7	8322.9	8152.0	7851.5	7720.7	7955.7
31°	8805.2	8537.1	8099.5	7769.8	7774.6	8047.3	8158.3	7974.4	7660.5	7509.3	7753.7
32°	8666.4	8378.1	7897.2	7558.5	7572.2	7874.4	7987.1	7794.6	7473.0	7298.5	7558.1
33°	8537.5	8227.8	7697.1	7346.3	7375.3	7687.6	7809.8	7608.7	7282.9	7094.0	7365.0
34°	8409.1	8081.2	7506.7	7136.5	7170.0	7500.0	7620.9	7412.0	7088.3	6887.6	7171.3
35°	8277.0	7935.3	7314.1	6919.0	6957.1	7295.9	7419.6	7199.9	6875.2	6676.4	6971.7
36°	8143.7	7782.6	7122.4	6691.4	6748.7	7082.0	7195.9	6979.4	6640.4	6450.7	6759.8
37°	7999.9	7614.6	6923.2	6468.2	6533.7	6862.8	6962.0	6749.3	6392.4	6198.0	6530.1
38°	7838.2	7416.8	6722.1	6255.1	6312.5	6621.9	6716.6	6504.4	6125.3	5926.6	6278.0
39°	7642.1	7194.0	6502.5	6025.9	6075.4	6367.3	6456.4	6237.8	5852.2	5649.2	6018.4
40°	7400.2	6952.7	6249.6	5777.7	5819.4	6082.2	6180.9	5957.9	5572.6	5370.2	5734.9
41°	7140.1	6687.4	5967.0	5510.2	5547.9	5780.4	5871.2	5675.5	5279.9	5085.3	5437.8
42°	6832.5	6391.3	5664.8	5226.8	5254.6	5447.1	5536.8	5362.2	4965.5	4788.6	5126.3
43°	6492.2	6069.3	5353.8	4928.4	4957.9	5096.7	5199.6	5057.9	4646.4	4476.5	4814.1
44°	6136.3	5713.9	5039.0	4625.6	4651.7	4753.4	4869.7	4745.6	4341.1	4202.1	4522.4

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	5734.3	5350.0	4712.8	4321.3	4352.7	4431.9	4549.4	4452.9	4035.8	3927.5	4251.4
46°	5323.7	4985.3	4386.8	4028.6	4062.7	4114.7	4201.7	4098.7	3728.3	3652.9	3980.4
47°	4921.9	4632.3	4064.6	3742.0	3736.3	3754.8	3854.2	3743.5	3327.2	3366.1	3706.6
48°	4539.3	4285.9	3724.7	3408.4	3388.6	3419.0	3506.8	3346.1	2931.9	3010.4	3339.2
49°	4135.8	3904.4	3324.0	3041.4	3046.2	3094.5	3177.2	2945.8	2578.3	2653.5	2931.7
50°	3758.8	3500.0	2919.3	2647.0	2725.5	2776.1	2898.0	2610.1	2202.5	2203.1	2567.2
51°	3469.9	3078.0	2582.8	2320.4	2448.6	2539.0	2679.0	2382.9	1923.9	1849.8	2215.9
52°	3134.5	2688.3	2318.7	2083.6	2206.2	2326.5	2482.3	2213.2	1727.4	1570.6	1978.6
53°	2680.0	2445.2	2065.9	1948.1	1986.5	2102.1	2305.0	2080.6	1560.5	1354.3	1839.6
54°	2440.2	2260.6	1901.0	1813.4	1832.7	1913.8	2099.4	1979.6	1423.6	1146.4	1687.5
55°	2226.5	2006.2	1737.3	1678.8	1678.9	1725.7	1923.4	1848.9	1298.5	971.4	1507.8
56°	1967.2	1817.8	1573.6	1526.0	1525.1	1537.6	1770.0	1719.6	1182.3	828.3	1320.0
57°	1730.3	1631.5	1423.9	1398.6	1435.6	1406.5	1612.1	1588.9	1094.0	744.5	1168.6
58°	1493.7	1445.2	1293.9	1278.7	1305.8	1251.7	1458.8	1496.9	1006.0	686.6	1034.0
59°	1327.5	1326.0	1183.6	1160.5	1204.4	1122.7	1321.7	1350.5	892.4	637.9	928.5
60°	1170.6	1246.9	1083.6	1052.2	1098.4	962.2	1211.6	1204.7	809.9	593.1	837.5
61°	1024.8	1129.1	972.1	957.3	985.8	827.7	1087.8	1111.3	763.4	554.1	755.6
62°	900.2	993.8	872.2	868.1	881.6	757.6	978.8	1023.2	699.6	519.2	684.5
63°	799.1	874.5	782.7	785.5	796.2	698.0	893.6	932.0	635.9	486.6	623.2
64°	699.8	788.6	709.3	715.3	723.9	628.3	803.0	828.6	577.7	455.0	568.6
65°	619.1	704.0	646.5	653.1	654.0	565.7	717.2	735.7	525.0	423.5	515.6
66°	553.3	627.4	583.9	594.2	590.1	512.2	634.2	649.0	478.3	392.5	469.6
67°	495.7	558.9	525.5	537.1	529.0	464.7	556.2	568.7	431.7	362.5	423.6
68°	444.1	493.9	470.6	479.3	469.9	420.4	493.3	506.5	385.0	334.4	377.6
69°	395.4	432.9	416.8	422.5	415.5	377.0	430.3	444.3	349.2	307.0	338.0
70°	351.0	378.1	364.6	371.4	367.8	337.2	367.9	382.7	317.3	281.3	303.5
71°	310.9	331.4	318.9	324.3	325.1	301.6	324.8	340.4	287.8	256.5	269.5
72°	273.6	290.2	277.8	285.8	286.3	269.3	286.4	300.9	258.8	231.6	238.3
73°	237.7	251.3	240.2	251.0	252.1	238.7	251.5	263.2	230.9	207.3	209.3
74°	206.5	216.9	206.7	220.0	219.8	210.6	218.5	229.4	204.5	184.1	182.9
75°	179.2	187.2	178.2	191.8	192.5	184.5	188.3	196.4	178.9	161.4	156.8
76°	151.9	157.5	149.7	163.1	164.2	158.5	160.1	166.5	154.5	140.6	131.8
77°	124.7	127.8	121.3	134.4	135.8	132.5	136.0	141.6	132.7	120.5	110.7
78°	101.1	101.7	99.8	110.7	114.6	112.3	115.3	119.3	112.1	100.2	92.2
79°	77.8	80.4	81.4	91.2	94.8	93.0	95.5	98.6	93.5	82.7	76.5
80°	59.0	61.9	64.3	74.2	75.7	75.6	76.1	80.8	76.5	68.1	62.8
81°	44.2	46.5	48.7	59.6	62.3	62.2	62.0	65.6	60.7	55.3	50.9
82°	32.8	36.5	38.4	45.4	48.3	49.8	50.2	52.6	48.4	42.5	39.0
83°	23.3	25.3	26.0	31.4	34.0	36.7	38.3	39.6	36.1	29.7	27.2
84°	15.1	17.7	18.2	19.1	22.7	25.2	26.5	26.6	23.8	20.3	18.5
85°	6.8	10.0	10.6	11.8	14.6	17.9	17.0	17.1	15.4	12.7	11.6
86°	2.2	2.4	3.1	4.7	6.5	10.7	9.5	9.4	8.3	6.8	6.3
87°	0.8	0.8	0.9	1.3	2.1	3.4	3.4	3.7	3.5	2.8	2.8
88°	0.3	0.3	0.3	0.4	0.5	0.7	0.8	0.8	0.9	1.0	1.2
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4

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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



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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



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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: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5	12227.5
1°	12222.5	12223.7	12227.3	12229.4	12228.8	12232.4	12228.8	12233.6	12238.7	12231.5	12231.5
2°	12212.3	12212.8	12216.6	12220.8	12226.0	12227.9	12229.6	12233.8	12230.2	12230.2	12229.0
3°	12188.8	12193.6	12201.4	12212.8	12220.4	12219.5	12228.8	12235.1	12225.2	12226.9	12224.6
4°	12154.4	12163.9	12173.4	12189.8	12200.6	12207.1	12215.5	12218.7	12221.0	12216.1	12221.0
5°	12116.3	12132.8	12150.2	12162.7	12177.2	12188.3	12199.7	12211.9	12207.1	12207.7	12211.3
6°	12079.1	12094.8	12113.4	12128.3	12149.4	12161.0	12172.3	12179.3	12181.4	12189.4	12192.8
7°	12036.1	12059.0	12080.3	12093.8	12111.7	12123.5	12135.3	12146.0	12150.6	12155.3	12159.9
8°	11988.9	12013.8	12035.0	12053.2	12074.2	12084.9	12095.1	12109.0	12115.9	12122.4	12117.6
9°	11927.6	11956.5	11983.0	12002.4	12025.8	12038.6	12048.3	12063.5	12074.8	12076.9	12071.9
10°	11856.7	11886.6	11916.3	11940.9	11970.2	11983.4	11998.8	12016.9	12022.4	12030.2	12029.6
11°	11773.7	11800.7	11830.1	11866.8	11903.0	11925.5	11942.0	11961.3	11972.9	11975.0	11980.3
12°	11680.0	11703.4	11743.0	11780.2	11815.2	11853.1	11874.8	11886.8	11897.5	11910.8	11917.5
13°	11563.8	11596.8	11637.0	11685.9	11723.6	11766.1	11781.9	11800.5	11815.8	11832.9	11843.2
14°	11432.2	11473.4	11514.3	11572.6	11621.3	11654.1	11680.6	11702.3	11724.0	11748.7	11763.0
15°	11283.5	11326.9	11375.1	11443.9	11505.0	11540.4	11559.3	11588.4	11613.7	11646.7	11666.5
16°	11122.0	11164.3	11220.5	11294.4	11364.6	11398.5	11424.4	11456.2	11493.4	11534.1	11551.6
17°	10942.6	10989.7	11051.6	11131.7	11204.9	11235.5	11269.6	11303.9	11349.6	11399.1	11428.6
18°	10749.7	10807.6	10876.4	10955.4	11022.2	11057.3	11086.6	11129.8	11184.1	11253.2	11283.7
19°	10547.9	10614.7	10688.0	10765.9	10822.3	10856.2	10885.1	10935.6	10999.6	11078.4	11116.7
20°	10328.7	10398.2	10479.9	10560.6	10601.8	10632.6	10666.7	10722.9	10798.9	10884.9	10936.7
21°	10095.6	10169.5	10250.8	10337.8	10372.5	10391.5	10425.0	10499.5	10579.9	10670.1	10734.7
22°	9876.2	9968.0	10039.2	10097.9	10119.0	10127.4	10180.7	10259.0	10339.7	10438.2	10515.7
23°	9661.8	9784.6	9849.9	9867.3	9855.1	9852.8	9919.3	10016.2	10101.1	10189.1	10276.3
24°	9463.2	9614.6	9673.4	9648.5	9578.2	9568.1	9656.1	9775.1	9859.8	9929.5	10014.7
25°	9291.4	9464.7	9503.9	9427.0	9304.0	9288.2	9390.8	9526.8	9624.1	9666.2	9750.0
26°	9119.4	9319.4	9346.6	9209.3	9031.5	9019.3	9137.7	9301.1	9391.4	9407.6	9487.9
27°	8948.6	9184.2	9188.0	8997.6	8768.3	8754.0	8902.0	9078.3	9164.4	9153.5	9218.5
28°	8776.7	9051.1	9033.2	8786.9	8522.2	8502.4	8677.6	8878.7	8946.9	8902.9	8945.0
29°	8613.5	8917.0	8877.8	8577.5	8280.4	8256.0	8457.7	8678.8	8727.7	8661.6	8685.8
30°	8460.5	8782.6	8724.7	8363.6	8039.5	8019.3	8252.4	8481.5	8521.9	8422.8	8422.5
31°	8304.4	8647.9	8572.9	8153.4	7805.8	7791.0	8051.5	8295.4	8325.9	8187.8	8171.7
32°	8152.6	8514.2	8426.8	7945.6	7579.6	7574.5	7854.4	8110.5	8132.2	7953.8	7926.0
33°	7998.4	8382.5	8273.2	7743.2	7362.1	7372.2	7659.0	7934.2	7936.1	7721.1	7691.8
34°	7839.9	8256.6	8112.6	7546.3	7147.9	7172.5	7469.7	7755.0	7751.9	7492.8	7456.6
35°	7674.6	8129.6	7948.1	7344.2	6935.4	6969.6	7272.2	7569.5	7562.8	7263.1	7224.1
36°	7500.4	7986.2	7770.0	7129.0	6719.8	6765.5	7069.4	7382.3	7365.2	7036.7	6995.2
37°	7306.9	7813.6	7573.9	6914.4	6498.1	6551.1	6869.9	7191.5	7157.4	6812.2	6769.5
38°	7082.2	7608.0	7356.4	6681.1	6266.2	6323.9	6665.3	6989.8	6937.1	6579.6	6544.6
39°	6828.5	7375.1	7109.2	6426.7	6023.2	6080.1	6445.8	6776.9	6707.0	6339.1	6308.5
40°	6543.8	7107.5	6829.3	6150.8	5756.8	5819.4	6201.8	6535.3	6458.7	6092.5	6070.6
41°	6238.0	6812.9	6510.7	5856.6	5477.2	5546.0	5934.6	6257.8	6177.6	5826.7	5815.2
42°	5906.8	6486.7	6158.4	5531.9	5184.3	5259.2	5645.2	5953.3	5867.2	5547.3	5538.5
43°	5566.5	6135.7	5790.9	5185.7	4875.8	4963.4	5334.2	5617.8	5522.9	5253.7	5234.8
44°	5241.3	5794.7	5427.7	4834.3	4546.2	4649.0	5017.3	5269.5	5150.1	4936.6	4925.9

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4916.4	5456.1	5063.0	4488.5	4243.4	4326.8	4687.1	4919.6	4766.7	4606.8	4613.6
46°	4611.7	5133.9	4728.6	4172.8	3940.4	4004.8	4370.6	4577.6	4373.9	4266.8	4304.7
47°	4255.0	4753.8	4355.2	3857.4	3637.6	3682.6	4053.9	4267.8	4032.4	3937.2	4006.9
48°	3898.0	4439.2	3981.8	3538.8	3313.0	3331.8	3736.1	3925.0	3677.6	3630.6	3718.0
49°	3541.5	4124.8	3610.4	3113.4	2886.2	2904.9	3341.7	3578.8	3313.5	3302.1	3367.8
50°	3238.1	3810.4	3313.7	2748.9	2436.8	2524.8	2928.1	3211.3	2977.4	2955.7	2971.1
51°	2961.8	3504.9	3106.0	2449.7	2032.0	2201.4	2565.7	2877.8	2704.9	2605.9	2569.1
52°	2749.5	3196.0	2857.8	2129.8	1668.6	1861.1	2289.6	2622.3	2472.4	2297.4	2236.6
53°	2631.8	3030.0	2735.2	1981.1	1469.4	1645.5	2119.7	2442.9	2253.4	2054.6	2009.8
54°	2475.2	2869.8	2598.3	1811.1	1264.3	1494.7	2004.1	2225.6	2035.9	1901.2	1860.3
55°	2310.1	2661.1	2370.9	1620.3	1062.8	1361.6	1916.1	2028.1	1848.3	1747.8	1712.9
56°	2069.8	2421.5	2125.8	1441.6	899.8	1252.5	1816.5	1864.2	1661.4	1594.4	1565.3
57°	1843.6	2164.1	1906.3	1271.6	796.4	1169.2	1682.2	1700.6	1474.5	1489.2	1433.2
58°	1682.7	1949.0	1710.4	1121.9	733.0	1093.4	1552.6	1537.1	1286.6	1338.4	1319.3
59°	1508.8	1776.5	1532.5	1008.3	677.8	982.2	1470.9	1410.2	1193.5	1210.7	1212.5
60°	1321.9	1586.7	1352.8	929.4	630.7	870.5	1332.5	1282.0	1062.4	1137.7	1112.8
61°	1172.4	1392.3	1191.8	825.8	588.4	787.9	1181.1	1141.8	909.6	1033.3	1016.8
62°	1043.1	1220.9	1039.5	727.0	550.3	728.4	1068.8	1041.4	805.0	927.4	928.0
63°	920.4	1066.0	918.5	647.7	515.4	666.8	983.0	955.4	715.3	823.6	846.4
64°	831.8	935.9	815.2	582.7	482.5	610.9	882.2	860.7	638.6	740.9	766.2
65°	744.8	818.6	727.6	525.6	449.7	555.8	787.2	770.5	579.2	673.2	692.7
66°	661.9	721.5	645.4	479.6	416.8	508.5	701.5	686.1	526.2	610.1	627.8
67°	586.6	630.1	575.3	433.5	386.0	461.2	620.9	608.4	480.1	549.8	567.0
68°	517.9	546.2	511.4	387.6	355.0	414.2	548.6	535.3	436.0	492.2	506.0
69°	449.1	474.2	447.5	348.5	327.3	376.8	490.4	469.1	393.9	437.6	445.5
70°	380.6	402.8	383.9	312.0	300.8	340.8	432.1	408.5	354.1	386.7	389.0
71°	326.8	349.2	333.5	277.2	275.0	307.1	374.0	357.5	315.8	338.9	339.6
72°	279.8	300.3	289.2	246.5	249.1	276.7	330.7	314.0	282.4	298.1	297.4
73°	239.4	254.9	249.3	217.7	223.3	248.7	292.1	274.4	251.4	262.2	261.2
74°	201.6	214.8	212.3	191.2	198.7	221.3	255.2	239.1	222.8	230.1	228.5
75°	169.1	180.2	178.0	165.5	174.5	194.7	220.2	206.8	194.2	199.9	198.3
76°	141.5	150.0	149.0	140.2	152.5	169.4	186.1	179.6	169.0	174.2	171.2
77°	118.0	124.9	124.6	118.0	131.1	144.9	157.1	152.5	143.7	148.5	144.1
78°	97.2	103.4	103.1	99.2	110.3	122.2	132.4	125.5	121.3	122.8	117.0
79°	79.3	84.1	84.1	82.9	91.8	103.2	111.2	105.7	103.0	103.3	97.5
80°	63.8	67.3	67.8	67.9	75.8	85.8	91.8	85.0	84.7	84.3	80.1
81°	52.0	55.1	55.2	55.7	61.5	69.1	74.8	67.7	67.5	67.4	64.4
82°	40.2	42.9	42.7	43.4	49.4	55.6	59.5	54.7	54.4	53.3	49.4
83°	28.4	30.8	30.2	31.2	37.3	42.1	46.7	42.6	41.0	39.5	35.0
84°	19.3	21.0	20.9	21.7	25.3	28.6	33.9	31.3	29.5	27.3	22.4
85°	12.1	13.1	13.2	13.7	16.5	19.5	21.2	20.9	19.3	19.5	14.4
86°	6.1	6.8	7.1	7.7	9.0	11.8	12.8	13.7	12.9	11.7	6.5
87°	2.7	2.8	3.1	3.4	4.0	5.9	6.8	6.5	6.5	4.0	2.0
88°	1.4	1.4	1.5	1.4	1.6	1.9	1.9	1.7	1.8	1.1	0.6
89°	0.5	0.5	0.5	0.6	0.7	0.7	0.6	0.5	0.5	0.3	0.2

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440369
CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	12227.5	12227.5	12227.5
1°	12229.6	12228.1	12224.6
2°	12227.5	12226.7	12221.8
3°	12227.3	12222.5	12214.0
4°	12219.1	12210.7	12196.1
5°	12200.6	12190.2	12172.8
6°	12177.8	12163.5	12141.4
7°	12142.2	12126.2	12100.7
8°	12103.9	12090.8	12067.9
9°	12068.9	12048.7	12025.8
10°	12022.4	12012.3	11974.8
11°	11970.6	11952.3	11915.6
12°	11908.1	11882.8	11840.7
13°	11834.6	11806.8	11756.9
14°	11747.2	11717.7	11664.2
15°	11653.0	11618.5	11554.7
16°	11538.7	11496.2	11424.4
17°	11409.4	11358.9	11274.0
18°	11268.1	11200.9	11112.9
19°	11107.9	11034.2	10935.8
20°	10927.2	10851.2	10750.7
21°	10733.9	10665.9	10562.0
22°	10524.6	10464.3	10365.6
23°	10294.2	10251.0	10154.1
24°	10053.5	10031.4	9942.7
25°	9815.3	9804.8	9745.6
26°	9570.0	9602.0	9566.6
27°	9332.5	9415.0	9397.7
28°	9094.9	9231.2	9233.5
29°	8874.2	9053.7	9085.7
30°	8644.5	8878.7	8948.4
31°	8421.7	8707.3	8805.2
32°	8213.9	8546.6	8666.4
33°	8006.0	8389.1	8537.5
34°	7800.3	8236.2	8409.1
35°	7585.7	8085.4	8277.0
36°	7385.9	7944.1	8143.7
37°	7190.9	7790.8	7999.9
38°	6973.1	7623.8	7838.2
39°	6733.7	7420.2	7642.1
40°	6475.3	7170.4	7400.2
41°	6197.8	6895.6	7140.1
42°	5889.3	6601.7	6832.5
43°	5580.4	6285.6	6492.2
44°	5264.9	5948.9	6136.3

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4935.4	5576.1	5734.3
46°	4603.7	5197.1	5323.7
47°	4269.1	4823.5	4921.9
48°	3939.3	4457.1	4539.3
49°	3596.9	4061.9	4135.8
50°	3194.5	3655.0	3758.8
51°	2771.0	3198.9	3469.9
52°	2401.0	2870.2	3134.5
53°	2183.3	2539.4	2680.0
54°	1972.4	2269.8	2440.2
55°	1830.5	2087.3	2226.5
56°	1689.4	1900.5	1967.2
57°	1548.2	1713.7	1730.3
58°	1407.1	1526.8	1493.7
59°	1278.2	1382.0	1327.5
60°	1156.3	1220.9	1170.6
61°	1053.5	1078.1	1024.8
62°	951.5	970.2	900.2
63°	849.4	869.1	799.1
64°	759.5	775.4	699.8
65°	680.4	691.1	619.1
66°	598.4	616.3	553.3
67°	520.9	553.2	495.7
68°	457.9	493.3	444.1
69°	402.4	438.2	395.4
70°	356.5	385.8	351.0
71°	313.3	340.3	310.9
72°	275.6	299.8	273.6
73°	241.3	259.4	237.7
74°	208.8	222.9	206.5
75°	181.2	193.0	179.2
76°	153.7	163.3	151.9
77°	126.2	133.6	124.7
78°	104.7	108.3	101.1
79°	86.7	85.4	77.8
80°	69.3	66.2	59.0
81°	52.8	49.5	44.2
82°	39.5	36.1	32.8
83°	28.2	26.5	23.3
84°	20.2	18.5	15.1
85°	12.1	10.6	6.8
86°	4.1	2.7	2.2
87°	1.1	0.9	0.8
88°	0.4	0.4	0.3
89°	0.2	0.2	0.2

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440369

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)