

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: P1440371

Luminaire Tested: XSF200-SFTR-6Hx6V-850-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440371
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-850-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31564.9 lumens
Efficiency: N/A
Efficacy: 157.0 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 201
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

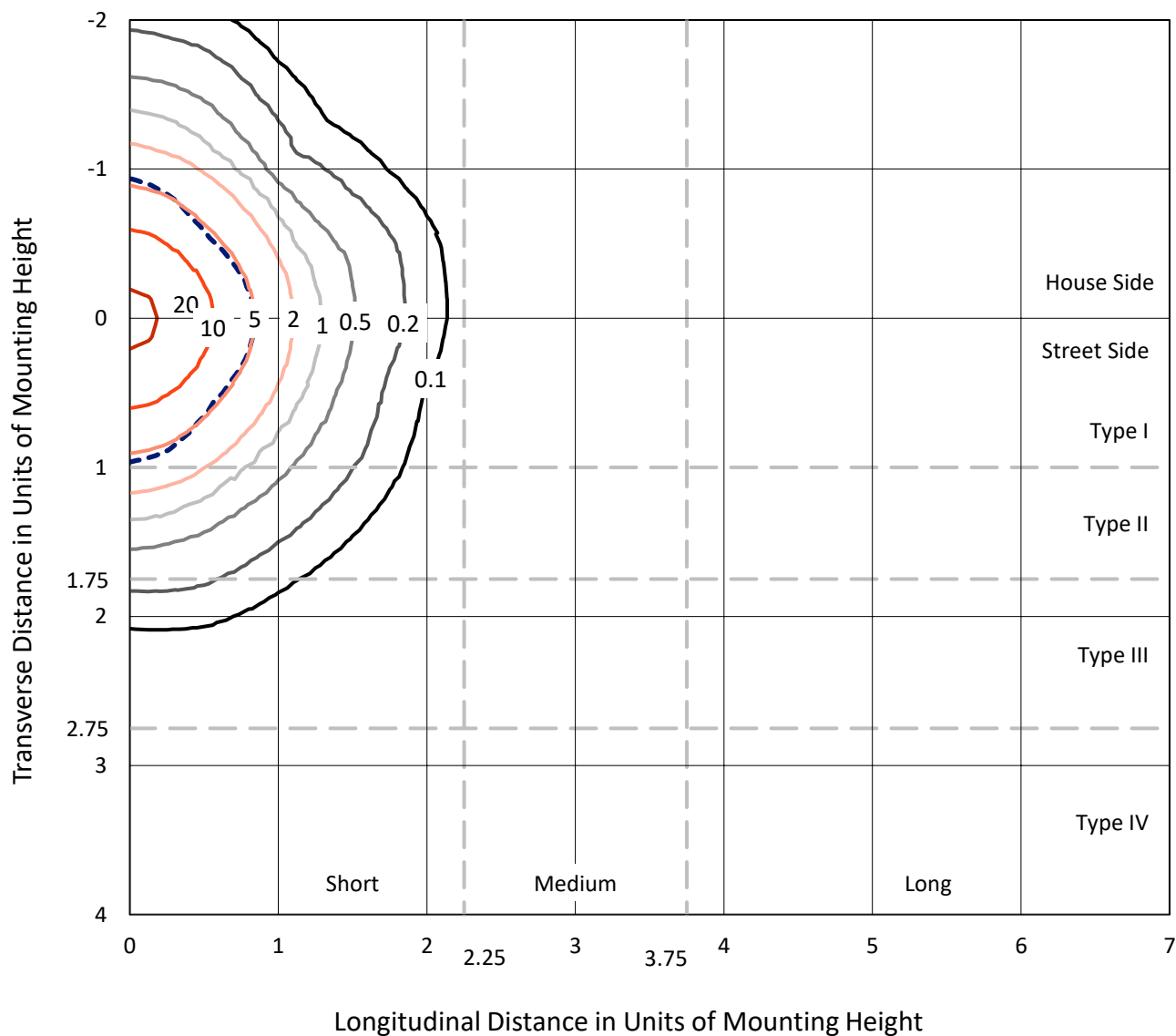
REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



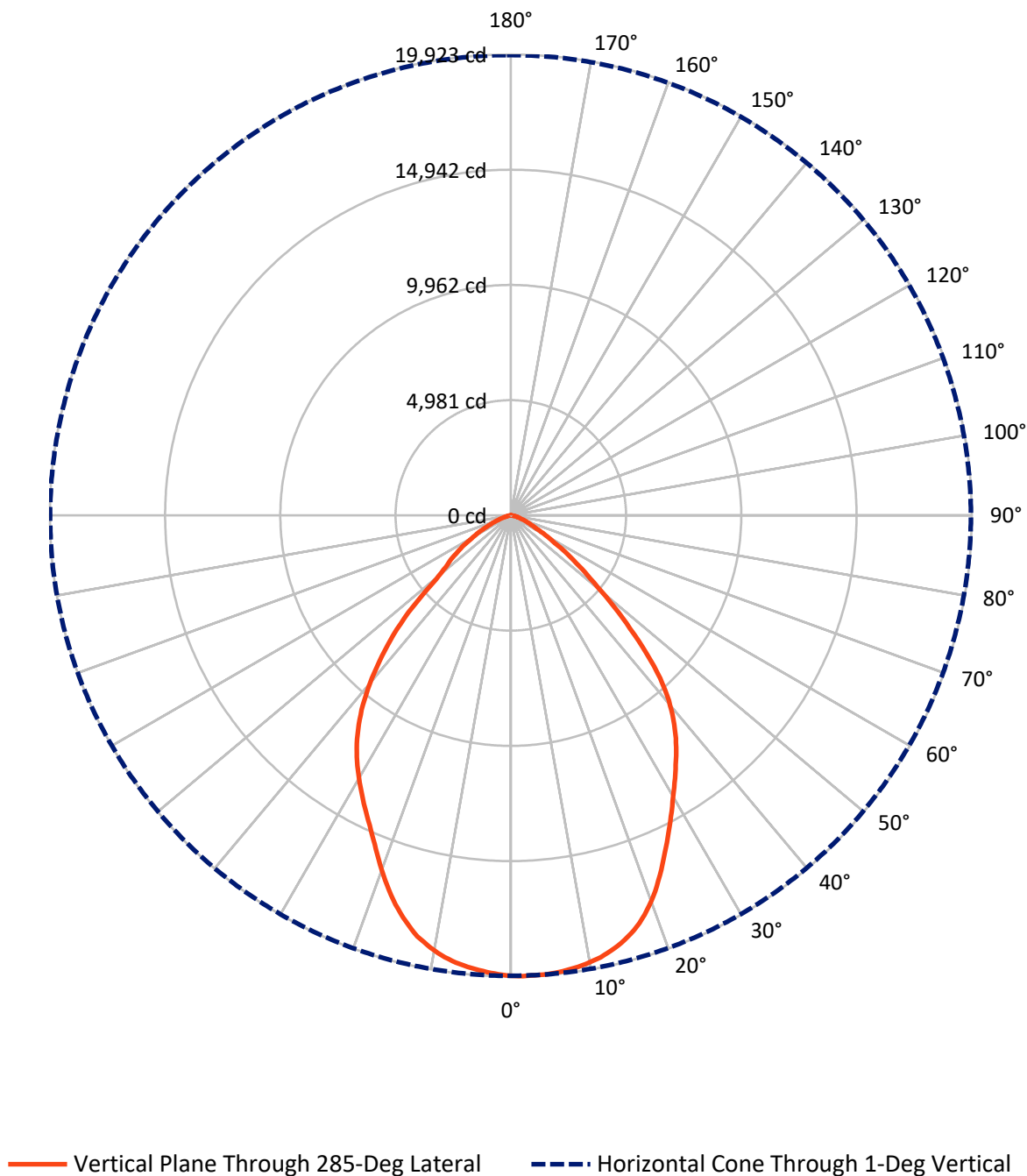
Based on 30 foot mounting height. Maximum calculated value = 22.1 fc

Type V - Short - N/A

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

Luminous Intensity Polar Plot



REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

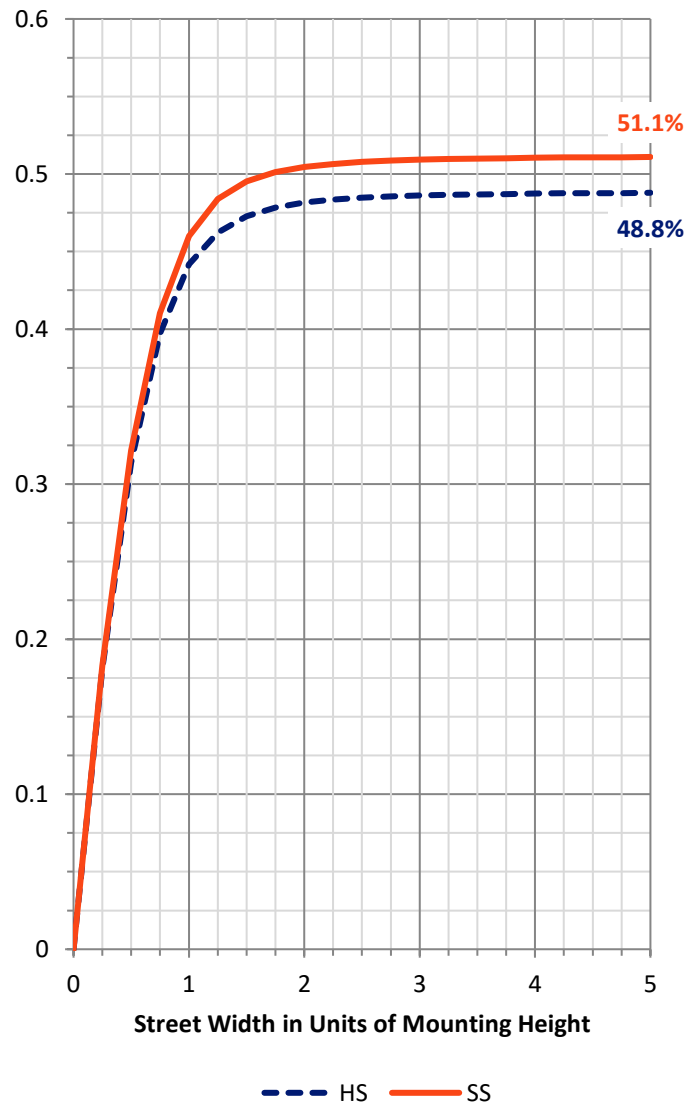
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15497.2	0.0	15497.2
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	16067.7	0.0	16067.7
	% Fixture	50.9	0.0	50.9
Total	Lumens	31564.9	0.0	31564.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1875.8	5.9
10°-20°	5202.3	16.5
20°-30°	7032.2	22.3
30°-40°	7486.4	23.7
40°-50°	5832.0	18.5
50°-60°	2684.6	8.5
60°-70°	1077.0	3.4
70°-80°	334.7	1.1
80°-90°	39.8	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°	31564.9	100.0
0°-180°	31564.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1440371

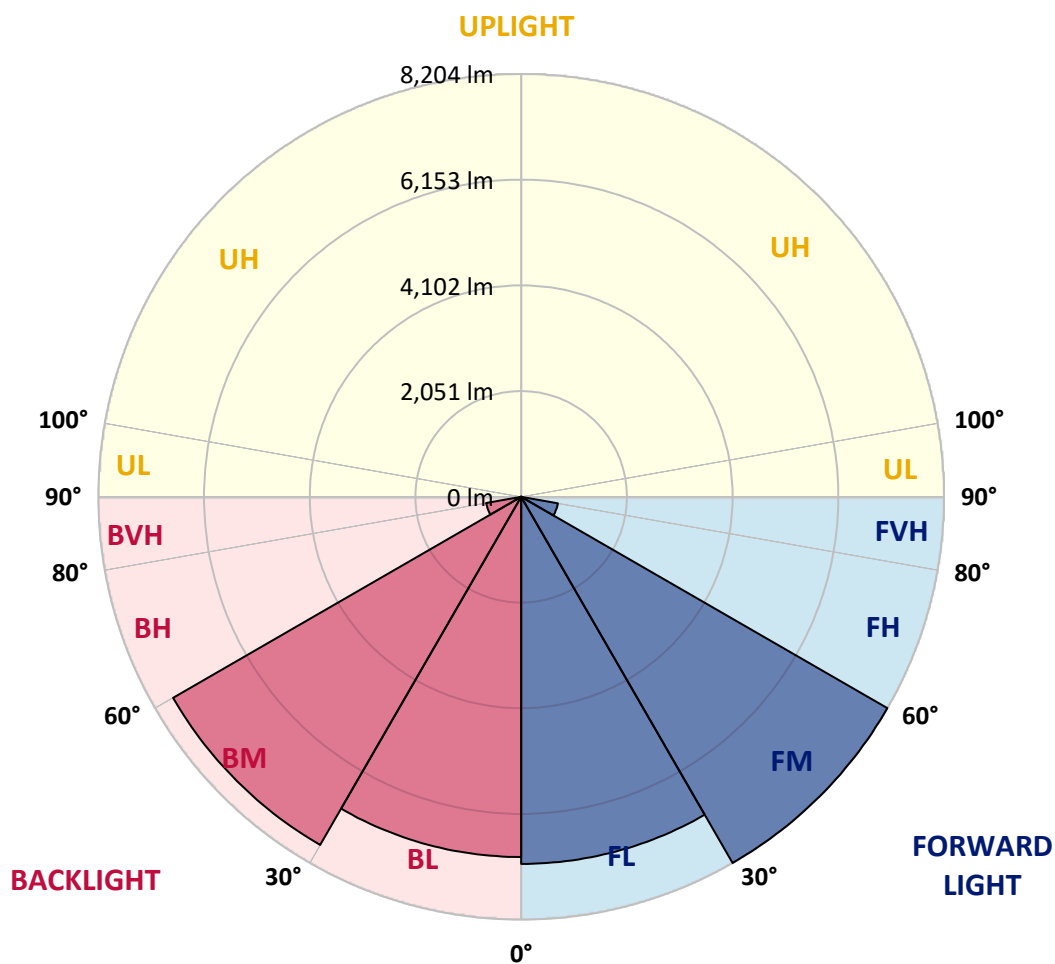
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	7122.4	22.6			
FM	(30°-60°)	8203.7	26.0			
FH	(60°-80°)	722.4	2.3			G1/1800
FVH	(80°-90°)	19.2	0.1			G1/100
BL	(0°-30°)	6988.0	22.1	B5		
BM	(30°-60°)	7799.3	24.7	B4/8500		
BH	(60°-80°)	689.3	2.2	B2/1000		G1/1800
BVH	(80°-90°)	20.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0
1°	19900.2	19899.2	19896.8	19894.8	19883.1	19884.1	19886.9	19883.8	19889.3	19887.6	19893.0
2°	19895.8	19886.5	19875.2	19873.2	19868.4	19855.0	19851.2	19840.2	19848.5	19859.4	19864.9
3°	19883.1	19869.4	19854.6	19839.9	19824.5	19813.9	19795.0	19799.1	19804.9	19817.6	19827.6
4°	19854.0	19833.7	19812.8	19795.3	19774.4	19755.2	19743.6	19733.3	19746.0	19760.0	19769.3
5°	19815.9	19786.1	19766.5	19731.9	19705.9	19688.0	19671.6	19667.5	19671.9	19683.9	19705.2
6°	19764.8	19732.3	19690.4	19661.0	19631.8	19612.6	19599.3	19598.9	19594.5	19604.1	19636.6
7°	19698.7	19665.8	19625.7	19583.5	19550.2	19527.3	19524.9	19518.4	19517.7	19527.6	19559.5
8°	19645.2	19598.2	19546.8	19504.0	19458.4	19431.3	19427.5	19422.4	19429.2	19444.7	19476.9
9°	19576.6	19517.3	19462.1	19414.1	19356.6	19326.4	19306.5	19305.8	19312.7	19333.9	19381.6
10°	19493.7	19430.3	19364.1	19302.4	19240.7	19199.6	19167.7	19170.4	19190.0	19212.2	19254.1
11°	19397.4	19319.2	19241.7	19170.8	19110.1	19057.6	19015.5	19010.7	19034.7	19074.1	19120.7
12°	19275.3	19191.7	19108.4	19022.7	18957.5	18889.7	18841.7	18826.9	18861.9	18907.5	18966.5
13°	19138.9	19050.4	18958.6	18860.9	18773.1	18699.4	18638.7	18638.4	18666.8	18720.7	18783.1
14°	18988.0	18884.5	18781.0	18676.8	18577.0	18483.8	18402.9	18397.7	18435.5	18505.7	18565.4
15°	18809.8	18695.0	18581.8	18471.4	18351.8	18235.6	18140.0	18127.3	18177.0	18264.1	18322.0
16°	18597.6	18468.4	18345.3	18236.6	18093.3	17965.8	17853.7	17843.8	17894.2	17982.6	18047.4
17°	18352.8	18227.0	18082.7	17969.2	17801.6	17662.4	17543.8	17538.0	17585.3	17671.7	17749.9
18°	18090.6	17950.0	17804.4	17662.1	17479.4	17344.0	17207.9	17204.8	17255.2	17337.5	17423.8
19°	17802.3	17648.0	17506.5	17337.5	17145.8	17001.2	16864.4	16856.2	16897.7	16983.0	17083.4
20°	17501.0	17345.0	17177.4	16976.2	16785.6	16637.8	16514.1	16491.8	16521.9	16599.4	16724.9
21°	17193.8	17021.4	16845.9	16604.6	16403.3	16270.3	16162.7	16123.3	16116.1	16200.4	16324.5
22°	16874.0	16675.5	16467.1	16204.5	15997.8	15899.1	15801.4	15743.4	15715.0	15794.5	15926.2
23°	16529.8	16307.7	16068.1	15785.3	15587.5	15534.0	15463.4	15382.1	15304.7	15354.0	15504.2
24°	16185.7	15953.9	15670.1	15365.7	15184.3	15186.7	15154.9	15042.8	14913.5	14919.7	15117.5
25°	15864.8	15627.2	15290.6	14955.3	14792.5	14861.1	14873.8	14716.4	14524.8	14492.9	14738.0
26°	15573.4	15318.0	14918.0	14547.4	14405.5	14550.2	14600.2	14414.7	14155.6	14099.4	14364.0
27°	15298.5	15022.2	14559.8	14145.3	14040.4	14250.5	14329.0	14123.7	13804.2	13699.3	13995.5
28°	15031.1	14726.4	14198.4	13756.6	13691.1	13957.5	14064.1	13839.5	13452.2	13315.4	13644.5
29°	14790.5	14440.8	13861.8	13382.6	13341.1	13670.2	13804.2	13553.3	13113.1	12937.3	13294.1
30°	14567.0	14169.3	13521.1	13009.6	12989.7	13385.7	13548.8	13270.5	12781.3	12568.4	12951.0
31°	14333.8	13897.5	13185.1	12648.3	12656.2	13100.1	13280.8	12981.5	12470.4	12224.3	12622.2
32°	14107.9	13638.6	12855.7	12304.5	12326.8	12818.7	13002.1	12688.8	12165.3	11881.1	12303.8
33°	13898.1	13393.9	12530.0	11958.9	12006.2	12514.6	12713.4	12386.1	11855.7	11548.3	11989.4
34°	13689.0	13155.3	12220.1	11617.5	11672.0	12209.2	12405.9	12065.9	11539.0	11212.3	11674.1
35°	13474.1	12917.7	11906.5	11263.4	11325.4	11877.0	12078.2	11720.7	11192.1	10868.5	11349.1
36°	13257.1	12669.2	11594.5	10892.8	10986.1	11528.7	11714.2	11361.8	10809.9	10501.0	11004.2
37°	13023.0	12395.7	11270.2	10529.5	10636.1	11171.9	11333.3	10987.1	10406.0	10089.6	10630.2
38°	12759.7	12073.8	10942.9	10182.5	10276.1	10779.7	10934.0	10588.4	9971.4	9647.8	10219.9
39°	12440.6	11711.1	10585.3	9809.6	9890.1	10365.3	10510.3	10154.4	9526.8	9196.3	9797.2
40°	12046.7	11318.2	10173.6	9405.4	9473.3	9901.1	10061.9	9698.8	9071.5	8742.1	9335.8
41°	11623.3	10886.3	9713.6	8970.1	9031.4	9409.9	9557.6	9239.2	8595.0	8278.3	8852.1
42°	11122.5	10404.3	9221.7	8508.6	8553.9	8867.2	9013.2	8729.1	8083.2	7795.3	8345.1
43°	10568.5	9880.2	8715.4	8022.9	8070.9	8296.8	8464.4	8233.7	7563.9	7287.2	7836.8
44°	9989.2	9301.5	8202.9	7529.9	7572.5	7738.0	7927.3	7725.3	7066.8	6840.6	7362.0

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	9334.8	8709.2	7671.9	7034.6	7085.7	7214.6	7405.9	7248.9	6569.8	6393.6	6920.8
46°	8666.3	8115.5	7141.2	6558.1	6613.6	6698.3	6839.9	6672.3	6069.3	5946.6	6479.6
47°	8012.3	7540.9	6616.7	6091.6	6082.3	6112.5	6274.3	6094.0	5416.2	5479.7	6034.0
48°	7389.4	6977.0	6063.5	5548.6	5516.3	5565.7	5708.7	5447.1	4772.8	4900.7	5435.8
49°	6732.6	6355.9	5411.1	4951.1	4958.9	5037.4	5172.2	4795.4	4197.2	4319.6	4772.5
50°	6119.0	5697.7	4752.2	4309.0	4436.9	4519.1	4717.6	4249.0	3585.3	3586.4	4179.1
51°	5648.7	5010.7	4204.4	3777.3	3986.1	4133.1	4361.1	3879.1	3132.0	3011.3	3607.3
52°	5102.6	4376.2	3774.6	3391.9	3591.5	3787.3	4040.9	3602.8	2812.0	2556.8	3220.9
53°	4362.8	3980.6	3363.1	3171.2	3233.8	3422.0	3752.3	3387.0	2540.4	2204.7	2994.7
54°	3972.4	3680.0	3094.6	2952.1	2983.4	3115.5	3417.6	3222.6	2317.4	1866.3	2747.0
55°	3624.4	3265.9	2828.1	2733.0	2733.1	2809.2	3131.1	3009.8	2113.7	1581.3	2454.6
56°	3202.4	2959.2	2561.7	2484.1	2482.7	2503.0	2881.3	2799.3	1924.7	1348.4	2148.8
57°	2816.7	2655.9	2317.9	2276.7	2337.0	2289.7	2624.3	2586.5	1781.0	1211.9	1902.3
58°	2431.5	2352.6	2106.3	2081.6	2125.7	2037.7	2374.7	2436.9	1637.7	1117.8	1683.3
59°	2161.0	2158.5	1926.8	1889.1	1960.6	1827.6	2151.6	2198.4	1452.8	1038.5	1511.5
60°	1905.6	2029.8	1764.0	1712.8	1788.1	1566.4	1972.3	1961.1	1318.5	965.4	1363.3
61°	1668.3	1838.1	1582.4	1558.3	1604.9	1347.3	1770.8	1809.1	1242.8	902.0	1230.1
62°	1465.4	1617.8	1419.8	1413.2	1435.2	1233.3	1593.3	1665.7	1138.8	845.1	1114.3
63°	1300.9	1423.5	1274.2	1278.7	1296.1	1136.2	1454.7	1517.2	1035.1	792.1	1014.6
64°	1139.2	1283.8	1154.6	1164.4	1178.5	1022.8	1307.1	1348.9	940.5	740.8	925.6
65°	1007.8	1146.0	1052.4	1063.2	1064.6	921.0	1167.5	1197.6	854.6	689.4	839.3
66°	900.8	1021.4	950.6	967.2	960.6	833.7	1032.4	1056.5	778.7	638.9	764.4
67°	806.9	909.8	855.5	874.4	861.1	756.5	905.4	925.8	702.7	590.1	689.5
68°	723.0	804.0	766.1	780.2	765.0	684.3	803.0	824.6	626.8	544.4	614.6
69°	643.7	704.7	678.5	687.8	676.4	613.7	700.5	723.3	568.5	499.8	550.2
70°	571.3	615.4	593.5	604.5	598.7	548.9	598.9	622.9	516.6	457.9	494.0
71°	506.1	539.5	519.1	527.8	529.1	491.0	528.7	554.1	468.5	417.5	438.7
72°	445.4	472.4	452.2	465.2	466.0	438.4	466.3	489.8	421.2	377.1	387.9
73°	387.0	409.1	391.1	408.5	410.4	388.6	409.4	428.5	375.9	337.5	340.7
74°	336.2	353.1	336.5	358.2	357.9	342.8	355.6	373.4	332.9	299.6	297.8
75°	291.7	304.7	290.1	312.2	313.3	300.4	306.5	319.7	291.2	262.8	255.3
76°	247.3	256.4	243.8	265.5	267.2	258.0	260.6	271.1	251.5	228.8	214.6
77°	203.0	208.1	197.4	218.7	221.1	215.6	221.3	230.6	215.9	196.2	180.2
78°	164.5	165.6	162.4	180.2	186.6	182.8	187.7	194.2	182.5	163.2	150.1
79°	126.7	130.8	132.5	148.4	154.3	151.4	155.4	160.6	152.3	134.6	124.5
80°	96.1	100.8	104.7	120.7	123.3	123.0	123.9	131.5	124.6	110.9	102.2
81°	71.9	75.7	79.3	97.0	101.4	101.3	101.0	106.7	98.9	90.0	82.8
82°	53.4	59.4	62.5	73.9	78.7	81.1	81.7	85.6	78.8	69.2	63.5
83°	38.0	41.2	42.3	51.1	55.4	59.7	62.4	64.4	58.8	48.3	44.4
84°	24.5	28.7	29.7	31.0	37.0	41.0	43.2	43.4	38.8	33.0	30.2
85°	11.1	16.3	17.3	19.2	23.7	29.1	27.7	27.9	25.1	20.7	18.9
86°	3.5	3.9	5.0	7.6	10.6	17.4	15.4	15.3	13.5	11.1	10.3
87°	1.3	1.3	1.5	2.1	3.5	5.6	5.6	6.1	5.7	4.6	4.6
88°	0.5	0.5	0.6	0.6	0.8	1.1	1.3	1.3	1.5	1.7	2.0
89°	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.7	0.7	0.7

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0	19905.0
1°	19896.8	19898.9	19904.7	19908.1	19907.1	19912.9	19907.1	19915.0	19923.2	19911.6	19911.6
2°	19880.4	19881.0	19887.2	19894.1	19902.6	19905.7	19908.5	19915.3	19909.5	19909.5	19907.4
3°	19842.0	19849.8	19862.5	19881.0	19893.4	19892.0	19907.1	19917.4	19901.3	19904.0	19900.2
4°	19786.1	19801.5	19816.9	19843.7	19861.2	19871.8	19885.5	19890.6	19894.4	19886.5	19894.4
5°	19724.0	19750.8	19779.2	19799.5	19823.1	19841.3	19859.8	19879.7	19871.8	19872.8	19878.6
6°	19663.4	19689.1	19719.2	19743.6	19777.9	19796.7	19815.2	19826.5	19830.0	19843.0	19848.5
7°	19593.4	19630.8	19665.4	19687.4	19716.5	19735.7	19754.9	19772.4	19779.9	19787.5	19795.0
8°	19516.6	19557.1	19591.7	19621.2	19655.5	19673.0	19689.4	19712.0	19723.4	19734.0	19726.1
9°	19416.9	19463.9	19507.0	19538.6	19576.6	19597.5	19613.3	19638.0	19656.5	19659.9	19651.7
10°	19301.4	19350.0	19398.4	19438.5	19486.1	19507.7	19532.8	19562.2	19571.2	19583.8	19582.8
11°	19166.3	19210.2	19258.2	19317.8	19376.8	19413.5	19440.2	19471.7	19490.6	19494.0	19502.6
12°	19013.8	19051.8	19116.3	19176.9	19233.8	19295.5	19330.8	19350.4	19367.9	19389.5	19400.4
13°	18824.5	18878.4	18943.8	19023.4	19084.7	19154.0	19179.7	19209.8	19234.9	19262.6	19279.4
14°	18610.3	18677.5	18744.0	18838.9	18918.1	18971.6	19014.8	19050.1	19085.4	19125.5	19148.8
15°	18368.3	18438.9	18517.4	18629.5	18728.9	18786.5	18817.3	18864.6	18905.8	18959.6	18991.8
16°	18105.3	18174.2	18265.8	18386.1	18500.2	18555.4	18597.6	18649.4	18710.0	18776.2	18804.6
17°	17813.3	17890.1	17990.8	18121.1	18240.4	18290.1	18345.6	18401.5	18475.9	18556.5	18604.5
18°	17499.3	17593.5	17705.6	17834.2	17942.8	18000.1	18047.7	18118.0	18206.5	18318.9	18368.6
19°	17170.9	17279.5	17398.8	17525.7	17617.5	17672.7	17719.7	17802.0	17906.2	18034.4	18096.8
20°	16814.0	16927.1	17060.1	17191.4	17258.6	17308.7	17364.2	17455.7	17579.5	17719.3	17803.7
21°	16434.5	16554.9	16687.2	16828.7	16885.3	16916.2	16970.7	17092.0	17223.0	17369.7	17474.9
22°	16077.3	16226.8	16342.7	16438.3	16472.6	16486.3	16573.0	16700.5	16831.8	16992.3	17118.4
23°	15728.4	15928.2	16034.5	16062.9	16043.1	16039.3	16147.6	16305.3	16443.4	16586.7	16728.7
24°	15405.1	15651.6	15747.2	15706.8	15592.3	15575.8	15719.1	15912.8	16050.6	16164.1	16302.9
25°	15125.4	15407.5	15471.3	15346.1	15145.9	15120.2	15287.2	15508.6	15667.0	15735.6	15872.0
26°	14845.3	15171.0	15215.2	14991.7	14702.4	14682.5	14875.1	15141.1	15288.2	15314.6	15445.2
27°	14567.3	14950.9	14957.1	14647.2	14273.9	14250.5	14491.5	14778.5	14918.7	14900.8	15006.8
28°	14287.6	14734.2	14705.1	14304.0	13873.1	13840.9	14126.1	14453.5	14564.6	14492.9	14561.5
29°	14021.9	14515.9	14452.1	13963.3	13479.6	13439.8	13768.2	14128.2	14207.7	14100.1	14139.5
30°	13772.7	14297.2	14202.9	13615.0	13087.4	13054.5	13434.0	13807.0	13872.8	13711.3	13711.0
31°	13518.7	14077.8	13955.7	13272.9	12706.9	12682.9	13107.0	13503.9	13553.6	13328.8	13302.7
32°	13271.5	13860.1	13717.8	12934.5	12338.8	12330.5	12786.1	13203.0	13238.3	12947.9	12902.7
33°	13020.6	13645.8	13467.9	12605.1	11984.6	12001.1	12468.0	12916.0	12919.1	12569.1	12521.5
34°	12762.5	13440.9	13206.4	12284.6	11636.0	11676.1	12159.8	12624.3	12619.2	12197.5	12138.6
35°	12493.4	13234.1	12938.7	11955.5	11290.1	11345.7	11838.3	12322.3	12311.3	11823.5	11760.1
36°	12209.9	13000.7	12648.6	11605.2	10939.1	11013.5	11508.1	12017.5	11989.8	11455.0	11387.5
37°	11894.8	12719.6	12329.5	11255.8	10578.1	10664.5	11183.5	11707.0	11651.4	11089.6	11020.0
38°	11529.1	12385.0	11975.4	10876.0	10200.7	10294.6	10850.3	11378.6	11292.9	10710.8	10653.9
39°	11116.0	12005.9	11572.9	10461.9	9805.1	9897.7	10493.1	11032.0	10918.2	10319.3	10269.6
40°	10652.5	11570.2	11117.4	10012.9	9371.5	9473.3	10095.8	10638.8	10514.0	9917.9	9882.2
41°	10154.8	11090.6	10598.7	9534.0	8916.2	9028.3	9660.8	10187.0	10056.4	9485.3	9466.4
42°	9615.5	10559.6	10025.2	9005.4	8439.4	8561.4	9189.8	9691.3	9551.1	9030.4	9016.0
43°	9061.6	9988.2	9427.0	8441.8	7937.2	8079.8	8683.5	9145.2	8990.6	8552.5	8521.7
44°	8532.3	9433.2	8835.7	7869.7	7400.7	7568.0	8167.6	8578.2	8383.9	8036.3	8018.8

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	8003.4	8882.0	8241.9	7306.8	6907.8	7043.5	7630.0	8008.5	7759.6	7499.4	7510.4
46°	7507.3	8357.5	7697.6	6792.9	6414.5	6519.4	7114.8	7451.8	7120.3	6945.8	7007.5
47°	6926.6	7738.7	7089.8	6279.4	5921.5	5994.9	6599.2	6947.5	6564.3	6409.3	6522.8
48°	6345.6	7226.6	6482.0	5760.8	5393.3	5423.8	6082.0	6389.5	5986.7	5910.2	6052.5
49°	5765.2	6714.8	5877.3	5068.3	4698.4	4728.9	5439.9	5825.9	5394.0	5375.5	5482.4
50°	5271.2	6203.0	5394.3	4474.9	3966.9	4110.2	4766.6	5227.7	4846.9	4811.5	4836.6
51°	4821.5	5705.6	5056.3	3987.8	3307.8	3583.6	4176.7	4684.7	4403.3	4242.2	4182.2
52°	4475.9	5202.7	4652.1	3467.1	2716.3	3029.6	3727.3	4268.9	4024.8	3740.0	3640.9
53°	4284.3	4932.6	4452.6	3225.0	2392.0	2678.7	3450.6	3976.8	3668.3	3344.7	3271.7
54°	4029.3	4671.7	4229.8	2948.2	2058.2	2433.2	3262.5	3623.1	3314.3	3094.9	3028.4
55°	3760.5	4332.0	3859.6	2637.7	1730.0	2216.5	3119.2	3301.6	3008.9	2845.2	2788.3
56°	3369.5	3941.9	3460.6	2346.7	1464.8	2038.9	2957.1	3034.6	2704.6	2595.5	2548.2
57°	3001.3	3523.0	3103.2	2070.1	1296.5	1903.4	2738.4	2768.5	2400.3	2424.2	2333.0
58°	2739.3	3172.8	2784.3	1826.3	1193.2	1779.9	2527.4	2502.3	2094.4	2178.8	2147.7
59°	2456.2	2891.9	2494.7	1641.3	1103.4	1599.0	2394.5	2295.6	1942.9	1970.9	1973.8
60°	2152.0	2583.0	2202.2	1513.0	1026.8	1417.0	2169.1	2086.9	1729.5	1852.0	1811.6
61°	1908.5	2266.5	1940.1	1344.3	957.9	1282.6	1922.7	1858.7	1480.8	1682.1	1655.3
62°	1698.1	1987.5	1692.3	1183.5	895.8	1185.8	1739.9	1695.2	1310.5	1509.7	1510.7
63°	1498.3	1735.3	1495.3	1054.4	839.0	1085.4	1600.3	1555.3	1164.5	1340.7	1377.9
64°	1354.0	1523.5	1327.1	948.6	785.5	994.4	1436.2	1401.2	1039.6	1206.1	1247.3
65°	1212.5	1332.5	1184.4	855.7	732.0	904.7	1281.4	1254.2	942.9	1095.9	1127.6
66°	1077.5	1174.6	1050.6	780.7	678.5	827.8	1142.0	1116.9	856.7	993.1	1022.0
67°	954.9	1025.7	936.6	705.7	628.4	750.8	1010.8	990.3	781.6	895.0	923.0
68°	843.0	889.2	832.5	630.9	577.9	674.2	893.1	871.4	709.7	801.3	823.7
69°	731.1	772.0	728.5	567.3	532.8	613.4	798.2	763.6	641.3	712.4	725.2
70°	619.5	655.6	624.9	507.8	489.7	554.8	703.4	665.1	576.5	629.4	633.3
71°	532.1	568.5	542.8	451.3	447.7	499.9	608.8	582.0	514.1	551.7	552.8
72°	455.5	488.8	470.8	401.2	405.5	450.4	538.4	511.1	459.7	485.3	484.1
73°	389.7	415.0	405.8	354.5	363.5	404.8	475.4	446.8	409.2	426.9	425.3
74°	328.2	349.7	345.6	311.2	323.4	360.2	415.4	389.2	362.8	374.5	372.0
75°	275.2	293.3	289.7	269.5	284.1	316.9	358.5	336.6	316.1	325.4	322.9
76°	230.3	244.2	242.5	228.3	248.3	275.7	303.0	292.4	275.0	283.5	278.7
77°	192.0	203.4	202.8	192.1	213.5	235.8	255.8	248.3	234.0	241.7	234.6
78°	158.2	168.4	167.8	161.5	179.6	198.9	215.6	204.3	197.4	199.9	190.5
79°	129.1	136.9	136.9	135.0	149.4	168.0	181.0	172.1	167.6	168.2	158.8
80°	103.8	109.5	110.3	110.6	123.5	139.7	149.5	138.3	137.8	137.3	130.5
81°	84.6	89.7	89.9	90.6	100.1	112.5	121.7	110.3	109.9	109.8	104.9
82°	65.4	69.9	69.5	70.7	80.5	90.5	96.8	89.0	88.6	86.7	80.4
83°	46.3	50.2	49.2	50.8	60.8	68.5	76.0	69.3	66.8	64.3	57.0
84°	31.4	34.3	34.0	35.3	41.2	46.6	55.2	50.9	48.0	44.4	36.4
85°	19.8	21.4	21.5	22.4	26.8	31.7	34.5	34.1	31.4	31.7	23.4
86°	9.9	11.0	11.5	12.6	14.6	19.3	20.8	22.3	20.9	19.1	10.5
87°	4.4	4.6	5.0	5.6	6.6	9.6	11.0	10.6	10.6	6.4	3.3
88°	2.2	2.3	2.4	2.3	2.5	3.1	3.2	2.8	2.9	1.8	1.0
89°	0.8	0.8	0.9	1.1	1.1	1.1	1.0	0.8	0.8	0.5	0.3

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	19905.0	19905.0	19905.0
1°	19908.5	19906.1	19900.2
2°	19905.0	19903.7	19895.8
3°	19904.7	19896.8	19883.1
4°	19891.3	19877.6	19854.0
5°	19861.2	19844.4	19815.9
6°	19824.1	19800.8	19764.8
7°	19766.2	19740.2	19698.7
8°	19703.8	19682.6	19645.2
9°	19646.9	19614.0	19576.6
10°	19571.2	19554.7	19493.7
11°	19486.8	19457.0	19397.4
12°	19385.0	19343.9	19275.3
13°	19265.4	19220.1	19138.9
14°	19123.1	19075.1	18988.0
15°	18969.9	18913.7	18809.8
16°	18783.7	18714.5	18597.6
17°	18573.3	18491.0	18352.8
18°	18343.2	18233.9	18090.6
19°	18082.4	17962.4	17802.3
20°	17788.2	17664.5	17501.0
21°	17473.6	17362.8	17193.8
22°	17132.8	17034.8	16874.0
23°	16757.8	16687.5	16529.8
24°	16366.0	16330.0	16185.7
25°	15978.3	15961.1	15864.8
26°	15578.9	15631.0	15573.4
27°	15192.2	15326.6	15298.5
28°	14805.5	15027.3	15031.1
29°	14446.3	14738.4	14790.5
30°	14072.3	14453.5	14567.0
31°	13709.6	14174.4	14333.8
32°	13371.3	13912.9	14107.9
33°	13032.9	13656.5	13898.1
34°	12698.0	13407.6	13689.0
35°	12348.7	13162.2	13474.1
36°	12023.4	12932.1	13257.1
37°	11705.9	12682.6	13023.0
38°	11351.5	12410.7	12759.7
39°	10961.7	12079.3	12440.6
40°	10541.1	11672.7	12046.7
41°	10089.3	11225.3	11623.3
42°	9587.1	10746.8	11122.5
43°	9084.2	10232.2	10568.5
44°	8570.7	9684.1	9989.2

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	8034.2	9077.4	9334.8
46°	7494.3	8460.3	8666.3
47°	6949.6	7852.2	8012.3
48°	6412.8	7255.7	7389.4
49°	5855.4	6612.3	6732.6
50°	5200.3	5950.0	6119.0
51°	4510.9	5207.5	5648.7
52°	3908.6	4672.4	5102.6
53°	3554.2	4133.8	4362.8
54°	3210.9	3695.0	3972.4
55°	2979.9	3397.9	3624.4
56°	2750.1	3093.8	3202.4
57°	2520.4	2789.6	2816.7
58°	2290.6	2485.4	2431.5
59°	2080.7	2249.8	2161.0
60°	1882.3	1987.6	1905.6
61°	1714.9	1755.0	1668.3
62°	1548.9	1579.3	1465.4
63°	1382.7	1414.8	1300.9
64°	1236.4	1262.2	1139.2
65°	1107.7	1125.0	1007.8
66°	974.1	1003.2	900.8
67°	848.0	900.5	806.9
68°	745.5	803.0	723.0
69°	655.1	713.4	643.7
70°	580.4	628.0	571.3
71°	510.1	553.9	506.1
72°	448.7	488.0	445.4
73°	392.8	422.3	387.0
74°	339.8	362.8	336.2
75°	295.0	314.2	291.7
76°	250.2	265.8	247.3
77°	205.4	217.5	203.0
78°	170.4	176.2	164.5
79°	141.2	139.0	126.7
80°	112.8	107.7	96.1
81°	85.9	80.6	71.9
82°	64.4	58.7	53.4
83°	45.9	43.2	38.0
84°	32.8	30.2	24.5
85°	19.7	17.3	11.1
86°	6.6	4.4	3.5
87°	1.8	1.4	1.3
88°	0.7	0.6	0.5
89°	0.3	0.3	0.3

REPORT NUMBER: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

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: P1440371

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)