

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: P1440363

Luminaire Tested: XSF200-SFTR-6Hx6V-830-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440363
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-830-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29834.5 lumens
Efficiency: N/A
Efficacy: 148.4 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

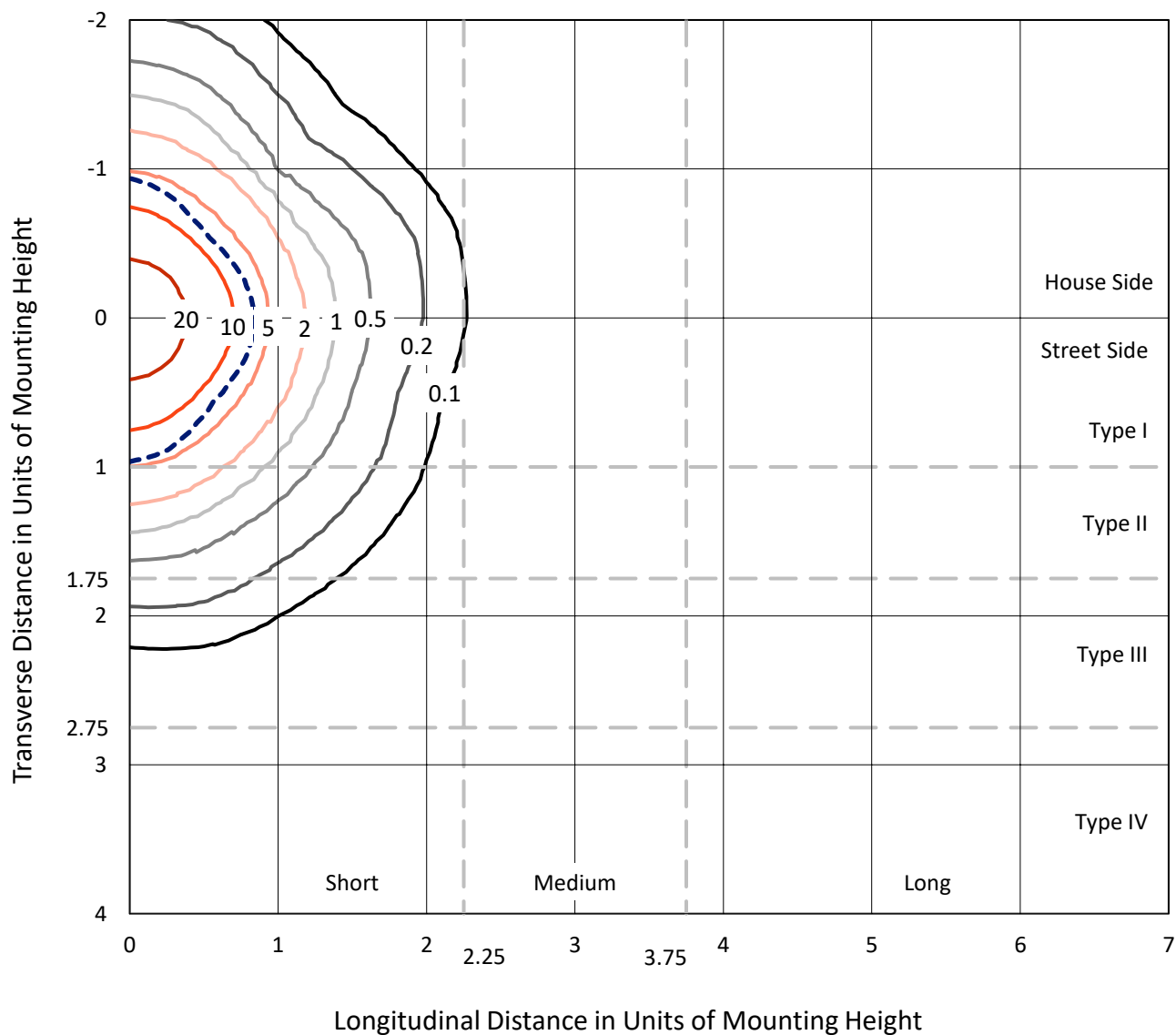
REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



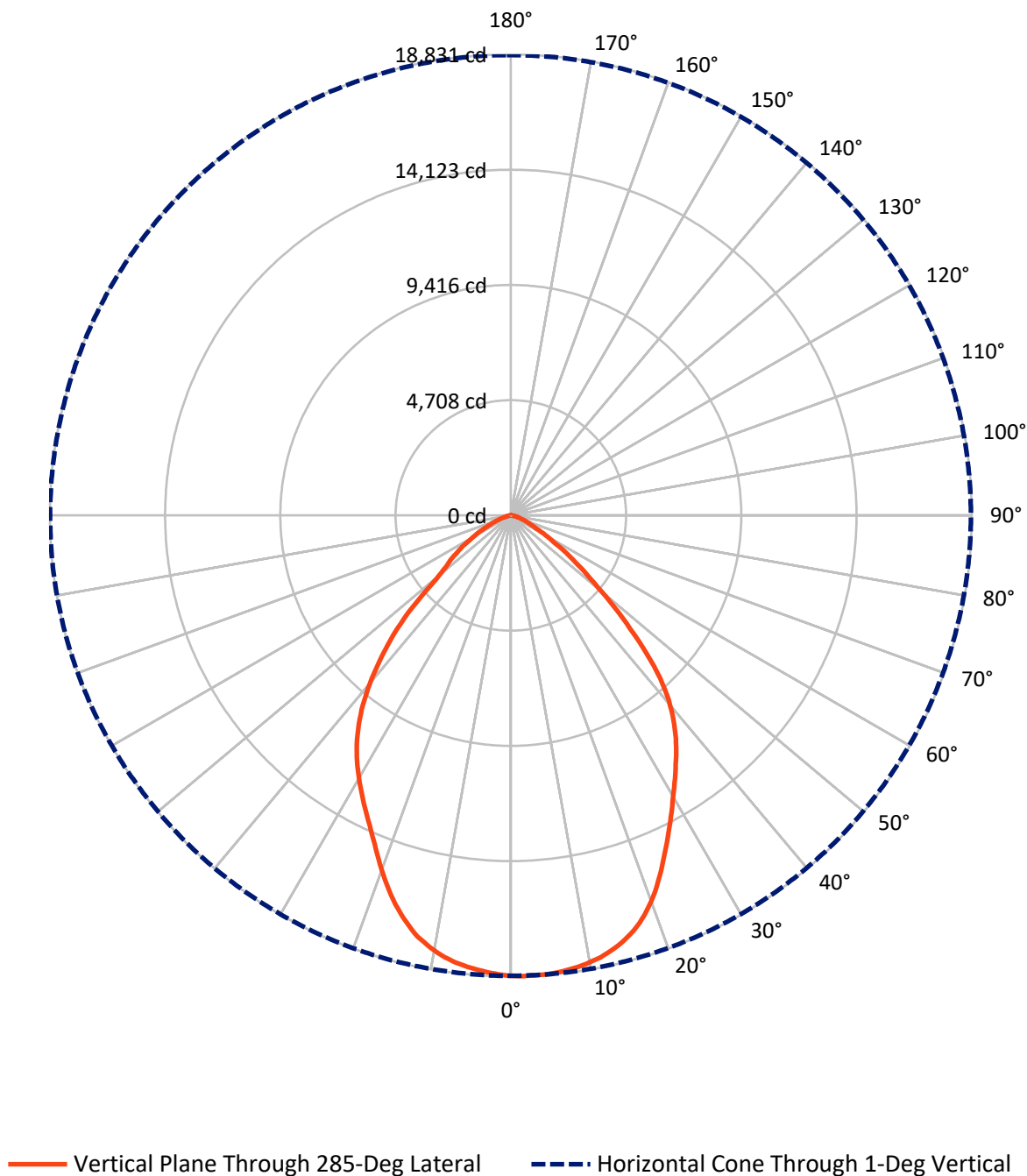
Based on 25 foot mounting height. Maximum calculated value = 30.1 fc

Type V - Short - N/A

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

Luminous Intensity Polar Plot



REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

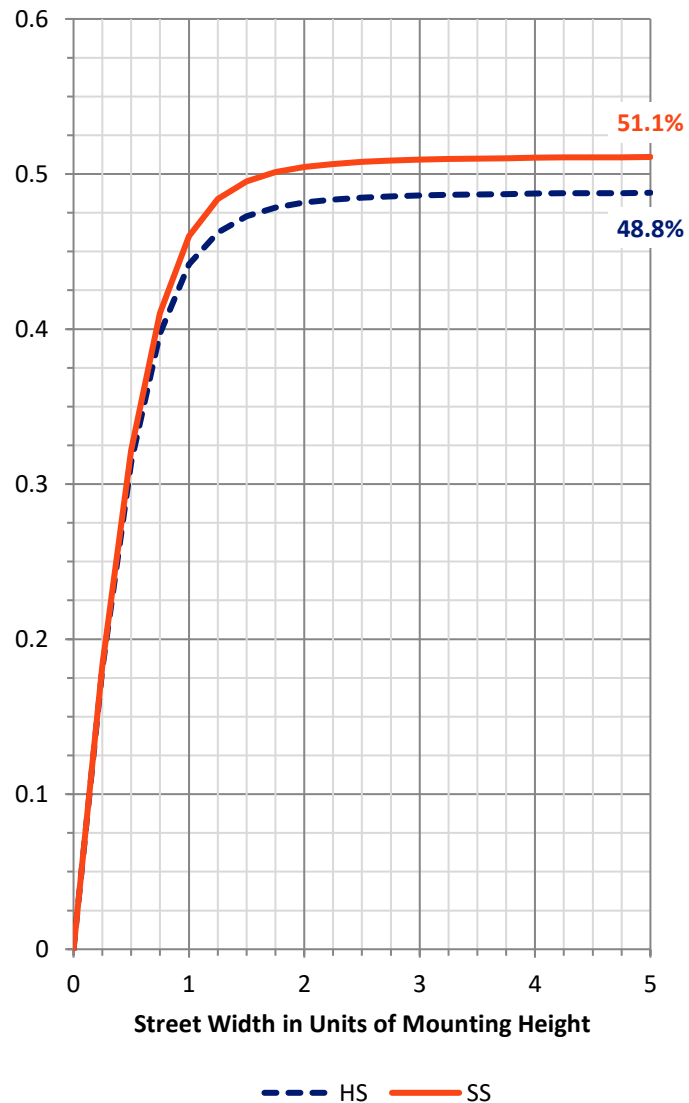
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14647.7	0.0	14647.7
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	15186.8	0.0	15186.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	29834.5	0.0	29834.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1773.0	5.9
10°-20°	4917.1	16.5
20°-30°	6646.7	22.3
30°-40°	7076.0	23.7
40°-50°	5512.3	18.5
50°-60°	2537.5	8.5
60°-70°	1018.0	3.4
70°-80°	316.3	1.1
80°-90°	37.6	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°	29834.5	100.0
0°-180°	29834.5	100.0

Coefficient of Utilization



REPORT NUMBER: P1440363

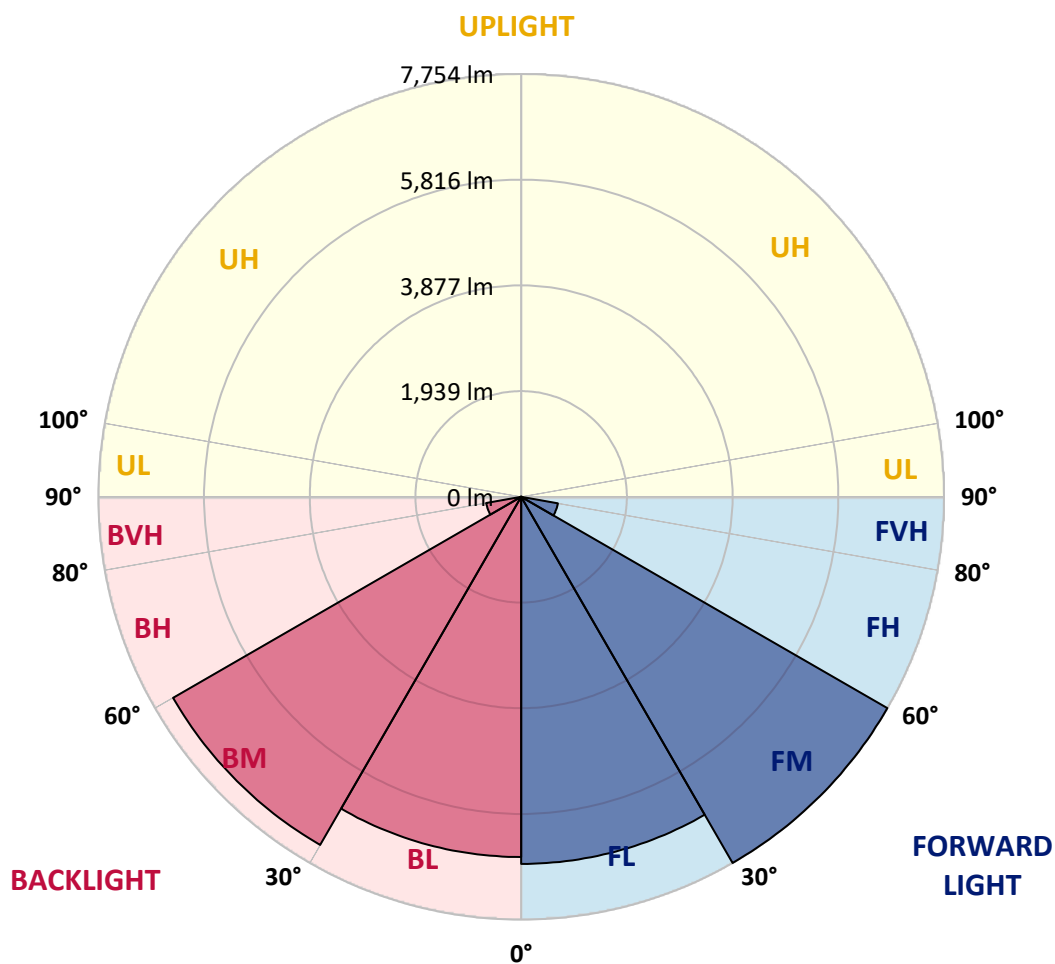
CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	6731.9	22.6			
FM	(30°-60°)	7754.0	26.0			
FH	(60°-80°)	682.8	2.3			G1/1800
FVH	(80°-90°)	18.1	0.1			G1/100
BL	(0°-30°)	6604.9	22.1	B5		
BM	(30°-60°)	7371.8	24.7	B4/8500		
BH	(60°-80°)	651.5	2.2	B2/1000		G0/660
BVH	(80°-90°)	19.5	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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8
1°	18809.3	18808.3	18806.1	18804.1	18793.1	18794.1	18796.7	18793.7	18798.9	18797.3	18802.5
2°	18805.1	18796.3	18785.6	18783.7	18779.2	18766.5	18763.0	18752.6	18760.4	18770.7	18775.9
3°	18793.1	18780.1	18766.2	18752.3	18737.7	18727.6	18709.8	18713.7	18719.2	18731.2	18740.6
4°	18765.6	18746.4	18726.7	18710.2	18690.4	18672.2	18661.2	18651.5	18663.5	18676.8	18685.5
5°	18729.6	18701.4	18682.9	18650.2	18625.6	18608.7	18593.2	18589.3	18593.5	18604.9	18624.9
6°	18681.3	18650.5	18611.0	18583.1	18555.6	18537.5	18524.8	18524.5	18520.3	18529.4	18560.1
7°	18618.8	18587.7	18549.8	18509.9	18478.5	18456.8	18454.5	18448.4	18447.7	18457.1	18487.2
8°	18568.2	18523.8	18475.2	18434.7	18391.7	18366.1	18362.5	18357.6	18364.1	18378.7	18409.1
9°	18503.4	18447.4	18395.2	18349.9	18295.4	18266.9	18248.1	18247.5	18254.0	18274.0	18319.1
10°	18425.0	18365.1	18302.6	18244.2	18185.9	18147.0	18116.9	18119.5	18138.0	18159.0	18198.5
11°	18334.0	18260.1	18186.9	18119.8	18062.5	18012.9	17973.0	17968.5	17991.2	18028.4	18072.5
12°	18218.6	18139.6	18060.8	17979.8	17918.3	17854.1	17808.8	17794.8	17827.9	17871.0	17926.7
13°	18089.7	18006.1	17919.3	17826.9	17744.0	17674.3	17617.0	17616.6	17643.5	17694.4	17753.4
14°	17947.1	17849.3	17751.4	17652.9	17558.6	17470.5	17394.0	17389.2	17424.8	17491.2	17547.6
15°	17778.6	17670.1	17563.2	17458.8	17345.8	17235.9	17145.5	17133.5	17180.5	17262.8	17317.6
16°	17578.1	17455.9	17339.6	17236.9	17101.5	16980.9	16875.0	16865.6	16913.2	16996.8	17058.0
17°	17346.7	17227.8	17091.4	16984.2	16825.7	16694.2	16582.1	16576.6	16621.3	16702.9	16776.8
18°	17098.9	16966.0	16828.3	16693.9	16521.2	16393.2	16264.5	16261.6	16309.3	16387.0	16468.7
19°	16826.4	16680.6	16546.8	16387.0	16205.9	16069.2	15939.9	15932.1	15971.3	16052.0	16146.9
20°	16541.6	16394.1	16235.7	16045.5	15865.4	15725.7	15608.8	15587.7	15616.2	15689.4	15808.0
21°	16251.3	16088.3	15922.4	15694.3	15504.1	15378.4	15276.6	15239.4	15232.6	15312.3	15429.6
22°	15949.0	15761.4	15564.4	15316.2	15120.8	15027.5	14935.1	14880.4	14853.5	14928.7	15053.1
23°	15623.7	15413.7	15187.2	14919.9	14733.0	14682.4	14615.7	14538.9	14465.7	14512.3	14654.2
24°	15298.4	15079.3	14811.0	14523.3	14351.9	14354.2	14324.1	14218.1	14096.0	14101.8	14288.7
25°	14995.1	14770.5	14452.4	14135.5	13981.6	14046.4	14058.4	13909.7	13728.5	13698.4	13930.1
26°	14719.7	14478.3	14100.2	13749.9	13615.8	13752.5	13799.8	13624.5	13379.6	13326.4	13576.6
27°	14459.8	14198.7	13761.6	13369.9	13270.7	13469.3	13543.5	13349.4	13047.5	12948.3	13228.3
28°	14207.1	13919.1	13420.1	13002.4	12940.5	13192.3	13293.1	13080.8	12714.7	12585.4	12896.5
29°	13979.6	13649.2	13101.9	12648.9	12609.7	12920.8	13047.5	12810.3	12394.3	12228.1	12565.3
30°	13768.4	13392.5	12779.8	12296.4	12277.6	12651.9	12806.1	12543.0	12080.6	11879.4	12241.0
31°	13548.1	13135.6	12462.3	11954.9	11962.4	12382.0	12552.7	12269.9	11786.8	11554.1	11930.3
32°	13334.5	12891.0	12150.9	11629.9	11651.0	12115.9	12289.3	11993.1	11498.4	11229.8	11629.3
33°	13136.2	12659.6	11843.1	11303.3	11348.0	11828.6	12016.5	11707.0	11205.8	10915.2	11332.2
34°	12938.6	12434.1	11550.2	10980.6	11032.1	11539.9	11725.8	11404.4	10906.4	10597.6	11034.1
35°	12735.4	12209.6	11253.8	10645.9	10704.6	11225.9	11416.1	11078.1	10578.5	10272.7	10726.9
36°	12530.4	11974.7	10958.9	10295.7	10383.8	10896.7	11072.0	10738.9	10217.3	9925.3	10401.0
37°	12309.1	11716.1	10652.4	9952.2	10053.0	10559.4	10712.0	10384.8	9835.6	9536.5	10047.5
38°	12060.2	11411.9	10343.0	9624.3	9712.8	10188.7	10334.6	10008.0	9424.7	9118.9	9659.6
39°	11758.6	11069.1	10005.0	9271.8	9347.9	9797.0	9934.1	9597.8	9004.5	8692.2	9260.1
40°	11386.3	10697.8	9615.9	8889.8	8954.0	9358.3	9510.3	9167.2	8574.2	8262.8	8824.0
41°	10986.1	10289.5	9181.1	8478.3	8536.3	8894.0	9033.7	8732.7	8123.8	7824.5	8366.9
42°	10512.8	9834.0	8716.1	8042.2	8085.0	8381.1	8519.1	8250.5	7640.1	7367.9	7887.6
43°	9989.2	9338.6	8237.6	7583.1	7628.4	7842.0	8000.4	7782.3	7149.2	6887.8	7407.1
44°	9441.6	8791.6	7753.2	7117.2	7157.3	7313.8	7492.7	7301.8	6679.4	6465.6	6958.4

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	8823.1	8231.7	7251.3	6649.0	6697.2	6819.1	6999.9	6851.5	6209.6	6043.1	6541.4
46°	8191.2	7670.6	6749.7	6198.6	6251.1	6331.1	6464.9	6306.5	5736.6	5620.6	6124.4
47°	7573.0	7127.5	6254.0	5757.6	5748.9	5777.4	5930.3	5759.9	5119.3	5179.3	5703.2
48°	6984.3	6594.5	5731.0	5244.4	5213.9	5260.6	5395.7	5148.5	4511.2	4632.0	5137.8
49°	6363.5	6007.4	5114.5	4679.6	4687.1	4761.3	4888.6	4532.5	3967.2	4082.8	4510.8
50°	5783.5	5385.3	4491.7	4072.8	4193.6	4271.4	4459.0	4016.1	3388.8	3389.8	3950.0
51°	5339.0	4736.0	3974.0	3570.2	3767.6	3906.6	4122.0	3666.5	2960.3	2846.2	3409.5
52°	4822.9	4136.3	3567.6	3205.9	3394.6	3579.6	3819.4	3405.3	2657.9	2416.6	3044.3
53°	4123.6	3762.4	3178.7	2997.4	3056.5	3234.4	3546.6	3201.4	2401.1	2083.9	2830.6
54°	3754.6	3478.2	2924.9	2790.3	2819.8	2944.7	3230.3	3046.0	2190.4	1764.0	2596.4
55°	3425.7	3086.9	2673.1	2583.2	2583.2	2655.2	2959.4	2844.8	1997.9	1494.6	2320.0
56°	3026.8	2796.9	2421.3	2348.0	2346.6	2365.8	2723.4	2645.8	1819.2	1274.5	2031.0
57°	2662.3	2510.3	2190.9	2151.9	2208.9	2164.2	2480.5	2444.7	1683.3	1145.5	1798.0
58°	2298.2	2223.6	1990.8	1967.4	2009.2	1926.0	2244.6	2303.3	1547.9	1056.5	1591.0
59°	2042.5	2040.2	1821.2	1785.5	1853.2	1727.4	2033.7	2077.9	1373.1	981.5	1428.7
60°	1801.2	1918.5	1667.3	1618.9	1690.1	1480.5	1864.2	1853.6	1246.2	912.5	1288.5
61°	1576.8	1737.3	1495.7	1472.9	1516.9	1273.5	1673.8	1709.9	1174.6	852.5	1162.6
62°	1385.0	1529.1	1342.0	1335.8	1356.5	1165.7	1506.0	1574.4	1076.4	798.8	1053.3
63°	1229.5	1345.5	1204.3	1208.6	1225.1	1073.9	1374.9	1434.0	978.4	748.7	958.9
64°	1076.8	1213.4	1091.3	1100.6	1113.9	966.7	1235.5	1274.9	888.9	700.1	874.9
65°	952.6	1083.2	994.7	1004.9	1006.2	870.5	1103.5	1132.0	807.8	651.6	793.3
66°	851.4	965.4	898.5	914.2	907.9	788.0	975.8	998.6	736.0	603.9	722.5
67°	762.6	859.9	808.6	826.5	813.9	715.1	855.8	875.1	664.2	557.7	651.7
68°	683.3	760.0	724.1	737.4	723.0	646.8	759.0	779.4	592.4	514.5	580.9
69°	608.4	666.1	641.3	650.1	639.3	580.1	662.1	683.6	537.3	472.4	520.1
70°	540.0	581.7	561.0	571.4	565.9	518.8	566.1	588.8	488.2	432.8	466.9
71°	478.4	510.0	490.7	498.9	500.1	464.0	499.7	523.8	442.8	394.6	414.7
72°	421.0	446.5	427.4	439.7	440.5	414.3	440.7	462.9	398.1	356.4	366.7
73°	365.8	386.6	369.6	386.2	387.9	367.3	386.9	405.0	355.3	319.0	322.0
74°	317.7	333.7	318.0	338.5	338.3	324.0	336.1	352.9	314.7	283.2	281.5
75°	275.7	288.0	274.2	295.1	296.2	283.9	289.7	302.2	275.2	248.4	241.3
76°	233.8	242.3	230.4	250.9	252.6	243.9	246.3	256.3	237.8	216.3	202.8
77°	191.9	196.7	186.6	206.7	209.0	203.8	209.2	217.9	204.1	185.4	170.3
78°	155.5	156.5	153.5	170.3	176.3	172.8	177.4	183.5	172.5	154.2	141.8
79°	119.7	123.7	125.3	140.3	145.9	143.1	146.9	151.8	143.9	127.2	117.6
80°	90.8	95.3	98.9	114.1	116.5	116.3	117.2	124.3	117.8	104.8	96.6
81°	68.0	71.5	75.0	91.7	95.8	95.8	95.4	100.9	93.4	85.1	78.3
82°	50.5	56.2	59.1	69.8	74.4	76.7	77.2	80.9	74.5	65.4	60.1
83°	35.9	39.0	40.0	48.3	52.4	56.4	58.9	60.9	55.5	45.7	41.9
84°	23.2	27.2	28.0	29.3	34.9	38.7	40.8	41.0	36.7	31.2	28.5
85°	10.5	15.4	16.4	18.1	22.4	27.5	26.2	26.4	23.8	19.6	17.9
86°	3.3	3.7	4.7	7.2	10.0	16.4	14.6	14.5	12.8	10.5	9.8
87°	1.2	1.2	1.4	2.0	3.3	5.3	5.2	5.8	5.4	4.3	4.3
88°	0.5	0.5	0.5	0.6	0.8	1.0	1.2	1.3	1.5	1.6	1.9
89°	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.7	0.7

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363
CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8	18813.8
1°	18806.1	18808.0	18813.5	18816.8	18815.8	18821.3	18815.8	18823.2	18831.0	18820.0	18820.0
2°	18790.5	18791.2	18797.0	18803.5	18811.6	18814.5	18817.1	18823.6	18818.0	18818.0	18816.1
3°	18754.2	18761.7	18773.7	18791.2	18802.8	18801.5	18815.8	18825.5	18810.3	18812.9	18809.3
4°	18701.4	18716.0	18730.6	18755.8	18772.4	18782.4	18795.4	18800.2	18803.8	18796.3	18803.8
5°	18642.8	18668.0	18694.9	18714.0	18736.4	18753.6	18771.1	18789.9	18782.4	18783.4	18788.9
6°	18585.4	18609.7	18638.2	18661.2	18693.6	18711.4	18728.9	18739.6	18742.9	18755.2	18760.4
7°	18519.3	18554.6	18587.4	18608.1	18635.6	18653.8	18671.9	18688.4	18695.6	18702.7	18709.8
8°	18446.7	18485.0	18517.7	18545.6	18578.0	18594.5	18610.0	18631.4	18642.1	18652.2	18644.7
9°	18352.4	18396.8	18437.7	18467.5	18503.4	18523.2	18538.1	18561.4	18578.9	18582.2	18574.4
10°	18243.3	18289.3	18335.0	18372.9	18417.9	18438.3	18462.0	18489.8	18498.3	18510.2	18509.3
11°	18115.6	18157.1	18202.4	18258.8	18314.5	18349.2	18374.5	18404.3	18422.1	18425.4	18433.5
12°	17971.4	18007.4	18068.3	18125.6	18179.4	18237.7	18271.1	18289.6	18306.1	18326.5	18336.9
13°	17792.6	17843.4	17905.3	17980.5	18038.5	18103.9	18128.2	18156.7	18180.4	18206.6	18222.5
14°	17590.1	17653.6	17716.4	17806.2	17881.0	17931.6	17972.4	18005.8	18039.1	18077.0	18099.1
15°	17361.3	17428.1	17502.3	17608.2	17702.2	17756.6	17785.8	17830.5	17869.4	17920.2	17950.7
16°	17112.8	17177.9	17264.4	17378.2	17486.1	17538.2	17578.1	17627.0	17684.3	17746.9	17773.8
17°	16836.7	16909.3	17004.6	17127.7	17240.5	17287.4	17339.9	17392.7	17463.0	17539.2	17584.6
18°	16539.9	16629.1	16735.0	16856.5	16959.2	17013.3	17058.4	17124.8	17208.4	17314.7	17361.6
19°	16229.5	16332.3	16445.0	16564.9	16651.7	16703.9	16748.3	16826.0	16924.5	17045.7	17104.7
20°	15892.3	15999.2	16124.9	16249.0	16312.5	16359.8	16412.3	16498.8	16615.8	16748.0	16827.7
21°	15533.6	15647.3	15772.4	15906.2	15959.7	15988.8	16040.3	16155.0	16278.8	16417.5	16516.9
22°	15196.0	15337.2	15446.7	15537.1	15569.5	15582.5	15664.5	15785.0	15909.1	16060.7	16180.0
23°	14866.1	15055.0	15155.5	15182.4	15163.6	15160.0	15262.4	15411.4	15542.0	15677.4	15811.6
24°	14560.6	14793.5	14883.9	14845.7	14737.5	14721.9	14857.4	15040.4	15170.7	15277.9	15409.2
25°	14296.2	14562.9	14623.1	14504.9	14315.6	14291.3	14449.1	14658.4	14808.1	14872.9	15001.9
26°	14031.5	14339.3	14381.1	14169.8	13896.4	13877.6	14059.7	14311.1	14450.1	14475.0	14598.5
27°	13768.7	14131.3	14137.1	13844.2	13491.4	13469.3	13697.1	13968.3	14100.8	14084.0	14184.1
28°	13504.3	13926.5	13899.0	13519.9	13112.6	13082.1	13351.7	13661.1	13766.1	13698.4	13763.2
29°	13253.2	13720.1	13659.8	13197.8	12740.6	12703.0	13013.4	13353.7	13428.8	13327.1	13364.3
30°	13017.7	13513.4	13424.3	12868.6	12370.0	12338.9	12697.5	13050.1	13112.3	12959.7	12959.3
31°	12777.6	13306.0	13190.7	12545.3	12010.3	11987.6	12388.4	12763.6	12810.6	12598.1	12573.4
32°	12544.0	13100.3	12965.8	12225.5	11662.3	11654.6	12085.2	12479.2	12512.5	12238.1	12195.3
33°	12306.8	12897.8	12729.6	11914.1	11327.6	11343.2	11784.5	12208.0	12210.9	11880.1	11835.0
34°	12062.8	12704.0	12482.4	11611.1	10998.1	11036.0	11493.2	11932.2	11927.4	11528.8	11473.1
35°	11808.5	12508.6	12229.3	11300.1	10671.2	10723.7	11189.3	11646.8	11636.4	11175.4	11115.4
36°	11540.5	12288.0	11955.2	10969.0	10339.4	10409.7	10877.3	11358.7	11332.5	10827.0	10763.2
37°	11242.7	12022.3	11653.6	10638.8	9998.2	10079.9	10570.4	11065.2	11012.7	10481.7	10415.9
38°	10897.0	11706.1	11318.9	10279.8	9641.5	9730.3	10255.5	10754.8	10673.8	10123.6	10069.8
39°	10506.6	11347.7	10938.5	9888.4	9267.6	9355.1	9917.9	10427.2	10319.6	9753.6	9706.6
40°	10068.5	10935.9	10507.9	9463.9	8857.7	8954.0	9542.4	10055.6	9937.6	9374.2	9340.5
41°	9598.1	10482.6	10017.7	9011.3	8427.4	8533.4	9131.2	9628.5	9505.1	8965.3	8947.5
42°	9088.4	9980.7	9475.6	8511.7	7976.7	8092.1	8686.0	9160.0	9027.5	8535.3	8521.7
43°	8564.8	9440.6	8910.2	7979.0	7502.1	7636.9	8207.4	8643.9	8497.8	8083.7	8054.5
44°	8064.6	8916.0	8351.3	7438.2	6995.0	7153.1	7719.8	8108.0	7924.3	7595.7	7579.2

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	7564.6	8395.0	7790.1	6906.2	6529.1	6657.4	7211.8	7569.5	7334.2	7088.3	7098.7
46°	7095.8	7899.3	7275.6	6420.5	6062.8	6162.0	6724.8	7043.3	6730.0	6565.0	6623.4
47°	6546.9	7314.5	6701.1	5935.2	5596.9	5666.2	6237.5	6566.7	6204.4	6058.0	6165.2
48°	5997.7	6830.4	6126.7	5445.0	5097.6	5126.5	5748.5	6039.2	5658.5	5586.2	5720.7
49°	5449.2	6346.7	5555.1	4790.5	4440.9	4469.7	5141.7	5506.5	5098.3	5080.8	5181.9
50°	4982.3	5862.9	5098.6	4229.6	3749.4	3884.9	4505.3	4941.1	4581.1	4547.8	4571.4
51°	4557.2	5392.8	4779.1	3769.2	3126.5	3387.2	3947.7	4427.9	4161.9	4009.6	3952.9
52°	4230.6	4917.5	4397.1	3277.0	2567.4	2863.5	3522.9	4034.9	3804.2	3534.9	3441.3
53°	4049.4	4662.1	4208.5	3048.2	2260.9	2531.9	3261.5	3758.8	3467.2	3161.4	3092.3
54°	3808.4	4415.6	3997.9	2786.6	1945.4	2299.8	3083.7	3424.4	3132.6	2925.2	2862.4
55°	3554.4	4094.5	3648.0	2493.1	1635.2	2095.0	2948.2	3120.6	2843.9	2689.2	2635.5
56°	3184.7	3725.8	3270.9	2218.1	1384.5	1927.2	2795.0	2868.3	2556.3	2453.2	2408.5
57°	2836.7	3329.8	2933.0	1956.6	1225.4	1799.1	2588.3	2616.7	2268.7	2291.4	2205.1
58°	2589.1	2998.9	2631.7	1726.2	1127.8	1682.3	2388.8	2365.1	1979.6	2059.3	2030.0
59°	2321.6	2733.4	2358.0	1551.3	1042.9	1511.3	2263.2	2169.8	1836.3	1862.9	1865.6
60°	2034.0	2441.4	2081.5	1430.0	970.5	1339.4	2050.2	1972.5	1634.7	1750.5	1712.3
61°	1803.9	2142.2	1833.7	1270.6	905.3	1212.2	1817.3	1756.8	1399.6	1589.9	1564.5
62°	1605.0	1878.5	1599.5	1118.6	846.7	1120.8	1644.5	1602.3	1238.7	1427.0	1427.9
63°	1416.1	1640.2	1413.3	996.6	793.0	1025.9	1512.5	1470.0	1100.7	1267.2	1302.3
64°	1279.8	1440.0	1254.3	896.6	742.4	939.9	1357.5	1324.3	982.6	1140.0	1179.0
65°	1146.0	1259.5	1119.4	808.8	691.9	855.1	1211.2	1185.5	891.2	1035.9	1065.8
66°	1018.5	1110.2	993.0	737.9	641.3	782.4	1079.4	1055.7	809.7	938.7	965.9
67°	902.6	969.5	885.3	667.0	593.9	709.7	955.4	936.1	738.8	845.9	872.4
68°	796.8	840.5	786.9	596.3	546.2	637.3	844.1	823.6	670.8	757.4	778.5
69°	691.0	729.6	688.5	536.2	503.6	579.7	754.5	721.7	606.1	673.3	685.5
70°	585.6	619.7	590.7	480.0	462.8	524.3	664.9	628.6	544.9	594.9	598.6
71°	502.9	537.3	513.1	426.6	423.1	472.5	575.5	550.1	485.9	521.5	522.5
72°	430.5	462.0	445.0	379.3	383.3	425.7	508.9	483.1	434.5	458.7	457.5
73°	368.4	392.3	383.5	335.0	343.5	382.6	449.4	422.3	386.8	403.5	402.0
74°	310.2	330.6	326.6	294.2	305.7	340.5	392.6	367.9	342.9	354.0	351.6
75°	260.2	277.2	273.8	254.7	268.6	299.5	338.9	318.2	298.8	307.6	305.2
76°	217.7	230.8	229.2	215.7	234.7	260.6	286.4	276.3	260.0	268.0	263.4
77°	181.5	192.2	191.7	181.6	201.8	222.9	241.7	234.7	221.2	228.5	221.7
78°	149.6	159.2	158.6	152.6	169.7	188.0	203.8	193.1	186.6	189.0	180.1
79°	122.0	129.4	129.4	127.6	141.2	158.8	171.0	162.7	158.4	159.0	150.1
80°	98.1	103.5	104.3	104.5	116.7	132.0	141.3	130.8	130.3	129.8	123.3
81°	80.0	84.8	85.0	85.6	94.6	106.4	115.1	104.2	103.9	103.7	99.1
82°	61.8	66.1	65.7	66.8	76.0	85.6	91.5	84.2	83.7	82.0	76.0
83°	43.7	47.5	46.5	48.0	57.5	64.8	71.8	65.5	63.1	60.8	53.9
84°	29.7	32.4	32.1	33.3	39.0	44.0	52.2	48.1	45.3	42.0	34.4
85°	18.7	20.2	20.4	21.1	25.3	29.9	32.6	32.2	29.7	30.0	22.1
86°	9.3	10.4	10.9	11.9	13.8	18.2	19.6	21.0	19.8	18.0	10.0
87°	4.1	4.3	4.7	5.3	6.2	9.1	10.4	10.0	10.0	6.1	3.1
88°	2.1	2.1	2.3	2.2	2.4	3.0	3.0	2.7	2.8	1.7	0.9
89°	0.7	0.8	0.8	1.0	1.0	1.0	1.0	0.7	0.8	0.5	0.3

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363
CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	18813.8	18813.8	18813.8
1°	18817.1	18814.8	18809.3
2°	18813.8	18812.5	18805.1
3°	18813.5	18806.1	18793.1
4°	18800.9	18787.9	18765.6
5°	18772.4	18756.5	18729.6
6°	18737.4	18715.3	18681.3
7°	18682.6	18658.0	18618.8
8°	18623.6	18603.6	18568.2
9°	18569.9	18538.8	18503.4
10°	18498.3	18482.7	18425.0
11°	18418.5	18390.4	18334.0
12°	18322.3	18283.4	18218.6
13°	18209.2	18166.5	18089.7
14°	18074.8	18029.4	17947.1
15°	17929.9	17876.8	17778.6
16°	17754.0	17688.6	17578.1
17°	17555.1	17477.3	17346.7
18°	17337.7	17234.3	17098.9
19°	17091.1	16977.7	16826.4
20°	16813.1	16696.1	16541.6
21°	16515.6	16411.0	16251.3
22°	16193.6	16100.9	15949.0
23°	15839.1	15772.7	15623.7
24°	15468.8	15434.8	15298.4
25°	15102.3	15086.1	14995.1
26°	14724.9	14774.1	14719.7
27°	14359.4	14486.4	14459.8
28°	13993.9	14203.5	14207.1
29°	13654.3	13930.4	13979.6
30°	13300.8	13661.1	13768.4
31°	12958.0	13397.4	13548.1
32°	12638.2	13150.2	13334.5
33°	12318.5	12907.8	13136.2
34°	12001.9	12672.6	12938.6
35°	11671.7	12440.6	12735.4
36°	11364.2	12223.2	12530.4
37°	11064.2	11987.3	12309.1
38°	10729.2	11730.4	12060.2
39°	10360.8	11417.1	11758.6
40°	9963.2	11032.8	11386.3
41°	9536.2	10610.0	10986.1
42°	9061.5	10157.6	10512.8
43°	8586.2	9671.3	9989.2
44°	8100.8	9153.2	9441.6

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7593.8	8579.7	8823.1
46°	7083.5	7996.5	8191.2
47°	6568.6	7421.7	7573.0
48°	6061.2	6857.9	6984.3
49°	5534.4	6249.8	6363.5
50°	4915.2	5623.8	5783.5
51°	4263.6	4922.0	5339.0
52°	3694.3	4416.2	4822.9
53°	3359.3	3907.2	4123.6
54°	3034.9	3492.5	3754.6
55°	2816.5	3211.6	3425.7
56°	2599.4	2924.2	3026.8
57°	2382.2	2636.7	2662.3
58°	2165.1	2349.2	2298.2
59°	1966.6	2126.4	2042.5
60°	1779.1	1878.6	1801.2
61°	1620.9	1658.8	1576.8
62°	1464.0	1492.7	1385.0
63°	1306.9	1337.3	1229.5
64°	1168.6	1193.0	1076.8
65°	1046.9	1063.3	952.6
66°	920.7	948.2	851.4
67°	801.5	851.2	762.6
68°	704.6	759.0	683.3
69°	619.2	674.3	608.4
70°	548.5	593.5	540.0
71°	482.1	523.5	478.4
72°	424.1	461.3	421.0
73°	371.3	399.2	365.8
74°	321.2	342.9	317.7
75°	278.8	296.9	275.7
76°	236.5	251.2	233.8
77°	194.2	205.5	191.9
78°	161.1	166.6	155.5
79°	133.5	131.3	119.7
80°	106.6	101.8	90.8
81°	81.2	76.2	68.0
82°	60.8	55.5	50.5
83°	43.4	40.8	35.9
84°	31.0	28.5	23.2
85°	18.7	16.3	10.5
86°	6.3	4.1	3.3
87°	1.7	1.4	1.2
88°	0.7	0.5	0.5
89°	0.3	0.3	0.3

REPORT NUMBER: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440363

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)