

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: P1440373

Luminaire Tested: XSF200-SFTR-6Hx6V-850-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440373
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-850-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19744.7 lumens
Efficiency: N/A
Efficacy: 165.9 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

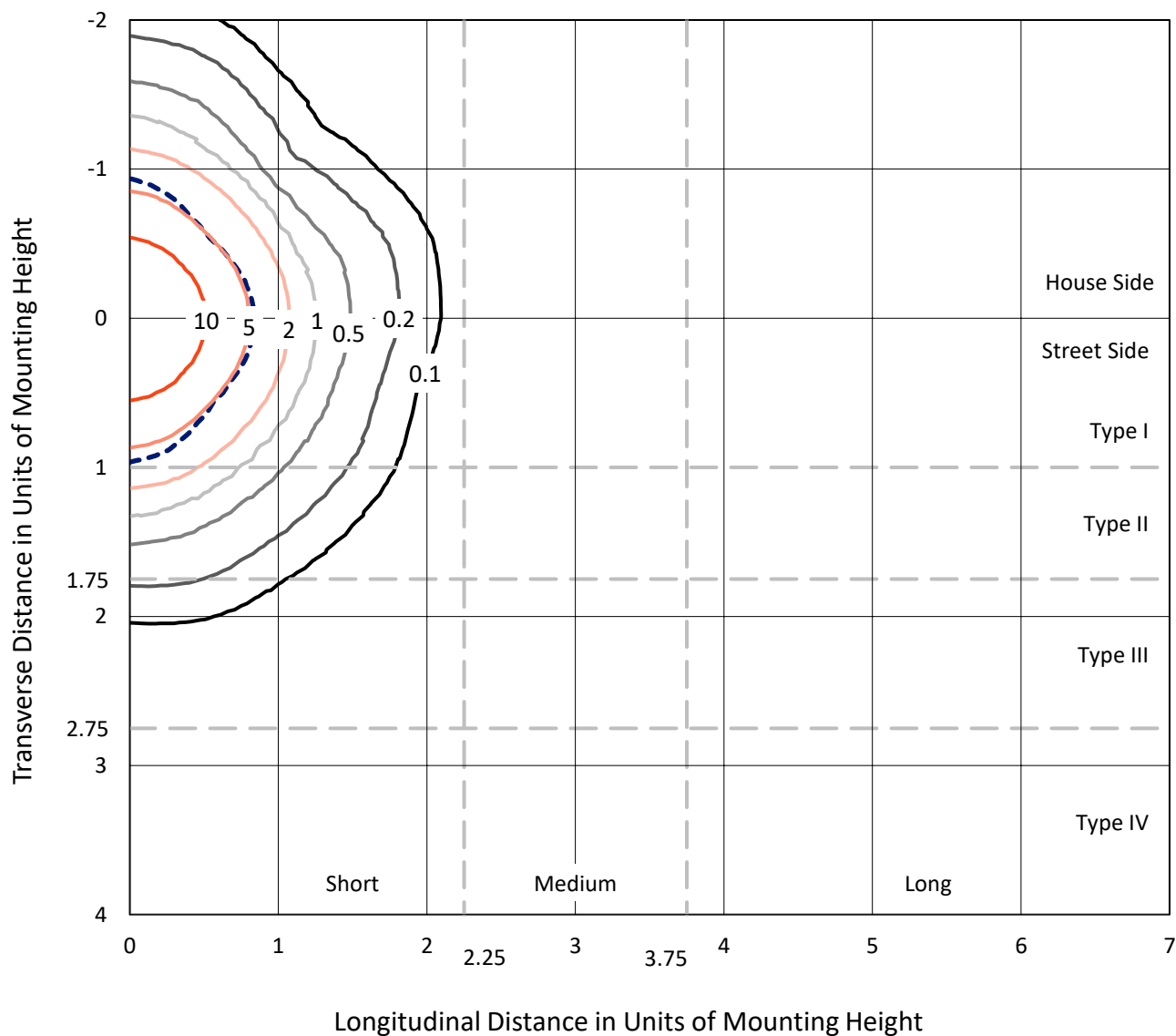
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



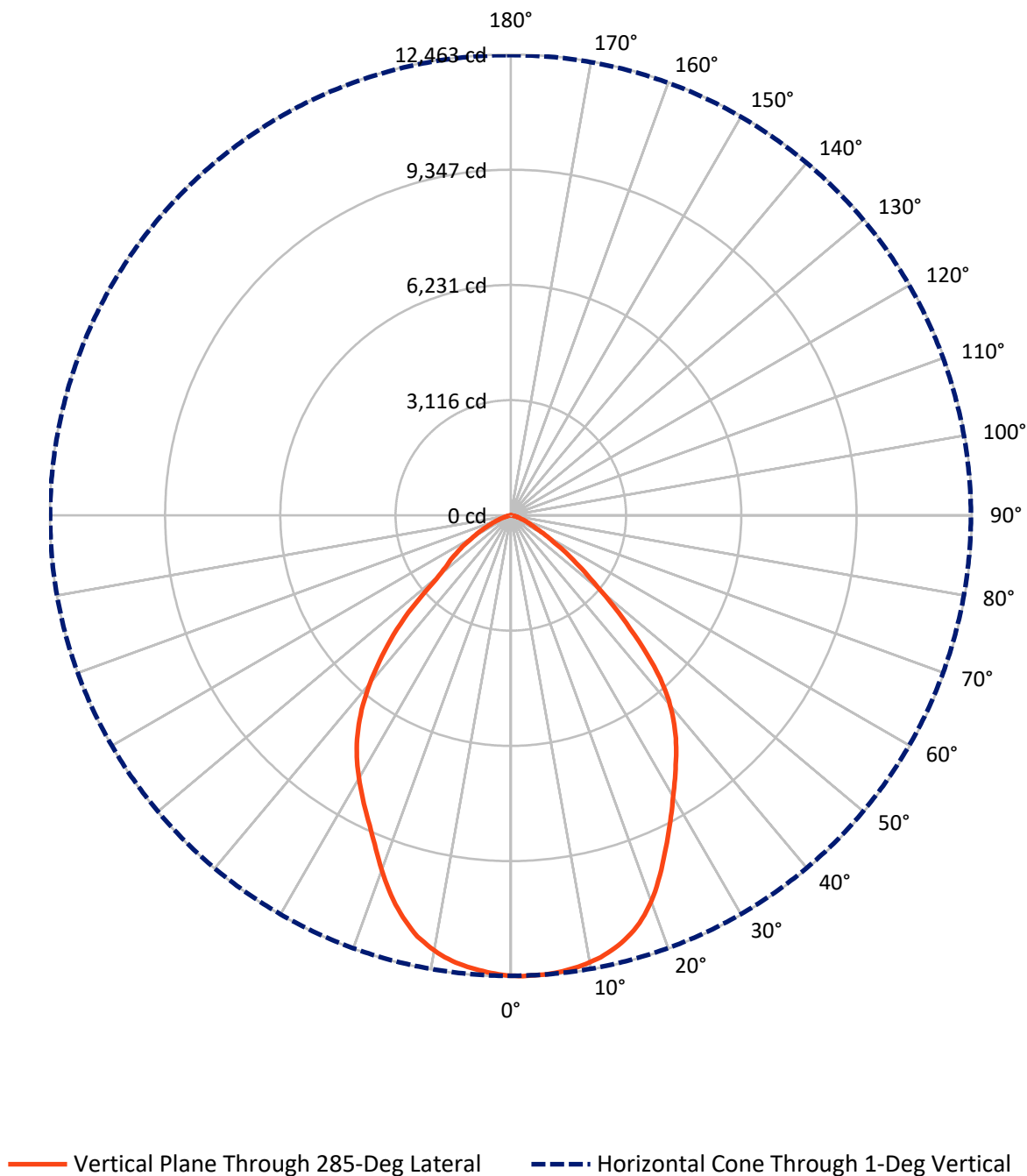
Based on 25 foot mounting height. Maximum calculated value = 19.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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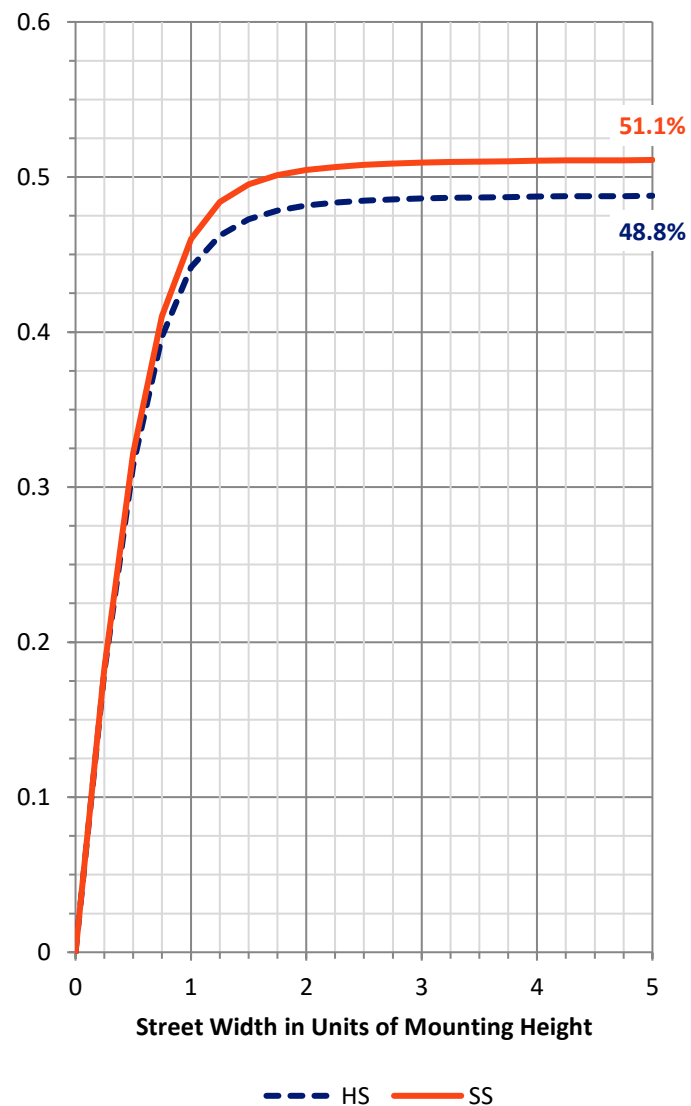
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9693.9	0.0	9693.9
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	10050.7	0.0	10050.7
	% Fixture	50.9	0.0	50.9
Total	Lumens	19744.7	0.0	19744.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1173.4	5.9
10°-20°	3254.2	16.5
20°-30°	4398.8	22.3
30°-40°	4682.9	23.7
40°-50°	3648.1	18.5
50°-60°	1679.3	8.5
60°-70°	673.7	3.4
70°-80°	209.4	1.1
80°-90°	24.9	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°	19744.7	100.0
0°-180°	19744.7	100.0

Coefficient of Utilization



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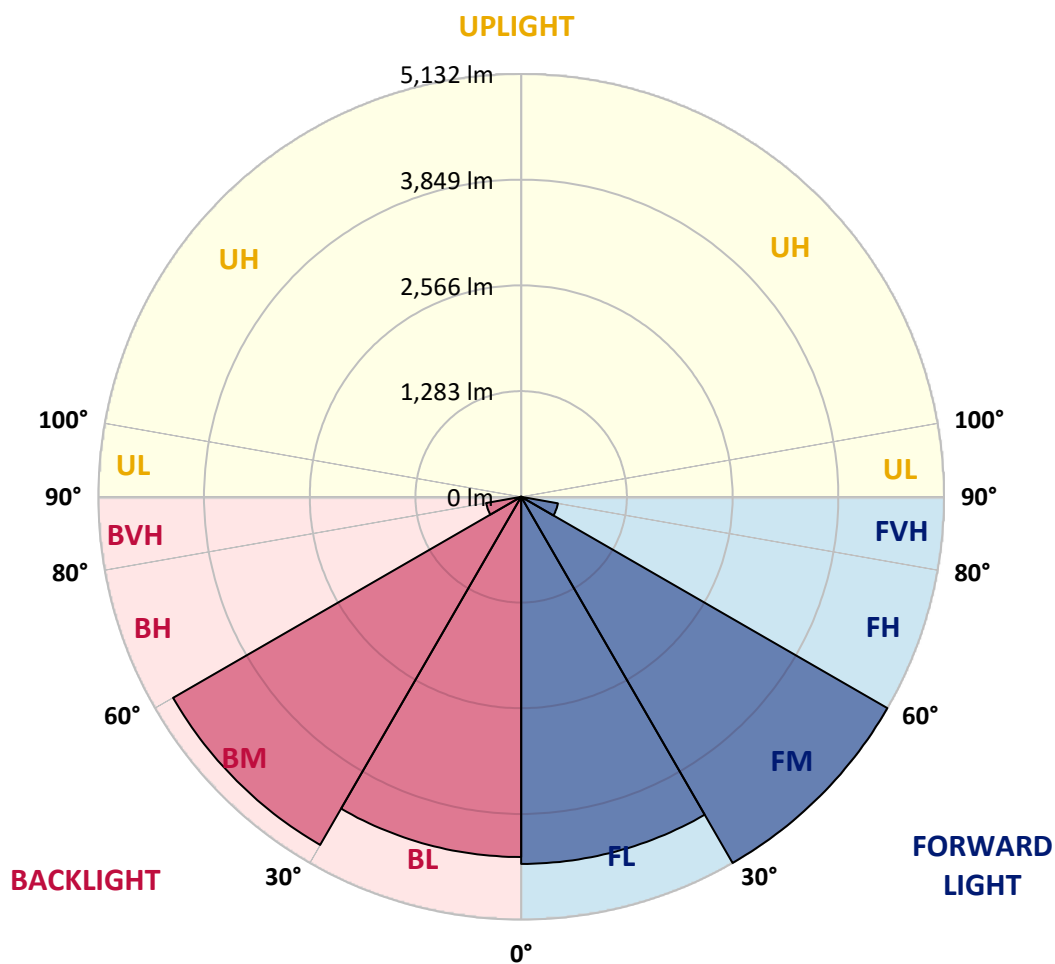
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4455.2	22.6			
FM	(30°-60°)	5131.7	26.0			
FH	(60°-80°)	451.9	2.3			G0/660
FVH	(80°-90°)	12.0	0.1			G1/100
BL	(0°-30°)	4371.2	22.1	B4/5000		
BM	(30°-60°)	4878.7	24.7	B3/5000		
BH	(60°-80°)	431.2	2.2	B1/500		G0/660
BVH	(80°-90°)	12.9	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°	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1
1°	12448.1	12447.5	12446.0	12444.7	12437.4	12438.0	12439.7	12437.8	12441.2	12440.2	12443.6
2°	12445.3	12439.5	12432.5	12431.2	12428.2	12419.8	12417.4	12410.6	12415.7	12422.6	12426.0
3°	12437.4	12428.8	12419.6	12410.4	12400.7	12394.1	12382.3	12384.9	12388.5	12396.4	12402.7
4°	12419.2	12406.5	12393.4	12382.5	12369.4	12357.4	12350.1	12343.7	12351.6	12360.4	12366.2
5°	12395.4	12376.7	12364.5	12342.8	12326.5	12315.4	12305.1	12302.5	12305.3	12312.8	12326.1
6°	12363.4	12343.0	12316.9	12298.4	12280.2	12268.2	12259.8	12259.6	12256.8	12262.8	12283.2
7°	12322.0	12301.4	12276.4	12250.0	12229.2	12214.8	12213.3	12209.2	12208.8	12215.0	12235.0
8°	12288.6	12259.2	12227.0	12200.2	12171.7	12154.8	12152.4	12149.2	12153.5	12163.1	12183.3
9°	12245.7	12208.6	12174.1	12144.0	12108.0	12089.2	12076.7	12076.3	12080.6	12093.9	12123.7
10°	12193.8	12154.1	12112.7	12074.1	12035.5	12009.8	11989.9	11991.6	12003.8	12017.7	12043.9
11°	12133.5	12084.7	12036.2	11991.8	11953.8	11921.0	11894.7	11891.7	11906.7	11931.3	11960.5
12°	12057.2	12004.9	11952.8	11899.2	11858.4	11816.0	11786.0	11776.7	11798.6	11827.1	11864.0
13°	11971.9	11916.5	11859.1	11798.0	11743.1	11697.0	11659.0	11658.8	11676.6	11710.3	11749.3
14°	11877.5	11812.8	11748.0	11682.8	11620.4	11562.1	11511.5	11508.3	11531.9	11575.8	11613.1
15°	11766.0	11694.2	11623.4	11554.4	11479.5	11406.8	11347.0	11339.1	11370.2	11424.6	11460.9
16°	11633.3	11552.4	11475.5	11407.5	11317.8	11238.1	11168.0	11161.7	11193.3	11248.6	11289.1
17°	11480.2	11401.5	11311.2	11240.2	11135.4	11048.3	10974.1	10970.5	11000.1	11054.1	11103.0
18°	11316.1	11228.2	11137.1	11048.1	10933.8	10849.1	10764.0	10762.0	10793.6	10845.0	10899.1
19°	11135.8	11039.3	10950.7	10845.0	10725.2	10634.7	10549.1	10544.0	10569.9	10623.3	10686.1
20°	10947.3	10849.7	10744.9	10619.0	10499.8	10407.4	10330.0	10316.0	10334.9	10383.4	10461.8
21°	10755.2	10647.3	10537.5	10386.6	10260.7	10177.5	10110.2	10085.5	10081.0	10133.8	10211.4
22°	10555.1	10431.0	10300.6	10136.3	10007.0	9945.3	9884.2	9847.9	9830.1	9879.9	9962.2
23°	10339.8	10200.9	10051.0	9874.1	9750.4	9716.9	9672.7	9621.9	9573.5	9604.3	9698.3
24°	10124.5	9979.6	9802.0	9611.6	9498.2	9499.7	9479.8	9409.6	9328.8	9332.7	9456.4
25°	9923.8	9775.2	9564.7	9355.0	9253.1	9296.0	9303.9	9205.5	9085.6	9065.7	9219.0
26°	9741.6	9581.8	9331.6	9099.8	9011.0	9101.5	9132.8	9016.8	8854.7	8819.5	8985.1
27°	9569.6	9396.8	9107.5	8848.3	8782.6	8914.1	8963.2	8834.7	8634.9	8569.3	8754.5
28°	9402.3	9211.7	8881.5	8605.1	8564.1	8730.7	8797.4	8657.0	8414.7	8329.1	8535.0
29°	9251.8	9033.1	8670.9	8371.1	8345.2	8551.1	8634.9	8477.9	8202.6	8092.6	8315.8
30°	9112.0	8863.3	8457.8	8137.8	8125.4	8373.1	8475.1	8301.0	7995.0	7861.9	8101.2
31°	8966.2	8693.2	8247.6	7911.8	7916.8	8194.5	8307.5	8120.3	7800.5	7646.6	7895.5
32°	8824.9	8531.3	8041.6	7696.8	7710.7	8018.4	8133.1	7937.1	7609.7	7431.9	7696.3
33°	8693.6	8378.2	7837.9	7480.6	7510.2	7828.2	7952.6	7747.8	7416.1	7223.7	7499.7
34°	8562.8	8229.0	7644.0	7267.0	7301.1	7637.2	7760.2	7547.5	7217.9	7013.6	7302.4
35°	8428.4	8080.4	7447.8	7045.5	7084.4	7429.4	7555.2	7331.6	7000.9	6798.5	7099.1
36°	8292.7	7924.9	7252.7	6813.7	6872.1	7211.5	7327.5	7107.1	6761.8	6568.6	6883.4
37°	8146.2	7753.8	7049.8	6586.4	6653.1	6988.3	7089.3	6872.7	6509.2	6311.3	6649.5
38°	7981.5	7552.5	6845.0	6369.4	6428.0	6743.0	6839.5	6623.3	6237.4	6034.9	6392.8
39°	7781.9	7325.6	6621.4	6136.1	6186.5	6483.7	6574.4	6351.9	5959.2	5752.5	6128.4
40°	7535.5	7079.8	6363.9	5883.3	5925.8	6193.4	6294.0	6066.9	5674.5	5468.4	5839.8
41°	7270.7	6809.7	6076.1	5611.0	5649.4	5886.1	5978.5	5779.3	5376.4	5178.3	5537.2
42°	6957.4	6508.2	5768.4	5322.4	5350.7	5546.7	5638.0	5460.3	5056.3	4876.1	5220.1
43°	6610.9	6180.3	5451.7	5018.5	5048.5	5189.9	5294.7	5150.4	4731.4	4558.4	4902.1
44°	6248.5	5818.4	5131.1	4710.2	4736.8	4840.3	4958.7	4832.4	4420.5	4279.0	4605.1

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CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	5839.2	5447.8	4799.0	4400.3	4432.3	4512.9	4632.6	4534.3	4109.6	3999.3	4329.1
46°	5421.0	5076.4	4467.0	4102.3	4137.0	4190.0	4278.5	4173.7	3796.5	3719.7	4053.2
47°	5011.9	4717.0	4138.9	3810.4	3804.6	3823.5	3924.7	3811.9	3388.0	3427.7	3774.4
48°	4622.3	4364.3	3792.8	3470.8	3450.6	3481.5	3570.9	3407.3	2985.5	3065.5	3400.2
49°	4211.4	3975.8	3384.8	3097.0	3101.9	3151.1	3235.3	2999.7	2625.5	2702.0	2985.3
50°	3827.6	3564.0	2972.6	2695.4	2775.4	2826.8	2951.0	2657.9	2242.7	2243.4	2614.1
51°	3533.4	3134.3	2630.0	2362.8	2493.4	2585.4	2728.0	2426.5	1959.1	1883.7	2256.5
52°	3191.8	2737.4	2361.1	2121.7	2246.6	2369.0	2527.7	2253.7	1759.0	1599.4	2014.8
53°	2729.1	2490.0	2103.7	1983.7	2022.8	2140.5	2347.2	2118.7	1589.1	1379.1	1873.3
54°	2484.8	2301.9	1935.7	1846.6	1866.2	1948.8	2137.8	2015.8	1449.6	1167.4	1718.3
55°	2267.2	2042.9	1769.1	1709.5	1709.6	1757.3	1958.6	1882.7	1322.2	989.1	1535.4
56°	2003.2	1851.0	1602.4	1553.9	1553.0	1565.7	1802.4	1751.0	1203.9	843.5	1344.1
57°	1761.9	1661.3	1449.9	1424.2	1461.9	1432.3	1641.6	1617.9	1114.0	758.1	1189.9
58°	1521.0	1471.6	1317.5	1302.1	1329.7	1274.6	1485.5	1524.3	1024.4	699.2	1052.9
59°	1351.8	1350.2	1205.3	1181.7	1226.4	1143.2	1345.9	1375.2	908.7	649.6	945.5
60°	1192.0	1269.7	1103.5	1071.4	1118.5	979.8	1233.7	1226.7	824.7	603.9	852.8
61°	1043.6	1149.8	989.9	974.8	1003.9	842.8	1107.7	1131.6	777.4	564.2	769.4
62°	916.6	1012.0	888.1	884.0	897.8	771.5	996.7	1042.0	712.4	528.7	697.0
63°	813.7	890.5	797.0	799.8	810.8	710.7	909.9	949.0	647.5	495.5	634.6
64°	712.6	803.0	722.2	728.4	737.2	639.8	817.6	843.8	588.3	463.4	579.0
65°	630.4	716.9	658.3	665.1	665.9	576.1	730.3	749.1	534.6	431.2	525.0
66°	563.5	638.9	594.6	605.0	600.9	521.5	645.8	660.9	487.1	399.7	478.2
67°	504.7	569.1	535.1	547.0	538.6	473.2	566.4	579.1	439.6	369.1	431.3
68°	452.2	502.9	479.2	488.0	478.5	428.1	502.3	515.8	392.1	340.5	384.5
69°	402.7	440.8	424.4	430.3	423.1	383.9	438.2	452.4	355.6	312.6	344.2
70°	357.4	385.0	371.3	378.1	374.5	343.3	374.7	389.7	323.1	286.4	309.0
71°	316.6	337.5	324.7	330.2	331.0	307.1	330.7	346.6	293.1	261.2	274.4
72°	278.6	295.5	282.9	291.0	291.5	274.2	291.7	306.4	263.5	235.9	242.7
73°	242.1	255.9	244.6	255.6	256.7	243.1	256.1	268.0	235.1	211.1	213.1
74°	210.3	220.9	210.5	224.0	223.9	214.4	222.5	233.6	208.2	187.4	186.3
75°	182.4	190.6	181.5	195.3	196.0	187.9	191.7	200.0	182.2	164.4	159.7
76°	154.7	160.4	152.5	166.0	167.2	161.4	163.0	169.6	157.3	143.1	134.2
77°	127.0	130.2	123.5	136.8	138.3	134.9	138.4	144.2	135.1	122.7	112.7
78°	102.9	103.6	101.6	112.7	116.7	114.3	117.4	121.5	114.2	102.1	93.9
79°	79.2	81.8	82.9	92.9	96.5	94.7	97.2	100.4	95.2	84.2	77.9
80°	60.1	63.0	65.5	75.5	77.1	76.9	77.5	82.3	77.9	69.4	63.9
81°	45.0	47.3	49.6	60.7	63.4	63.4	63.2	66.8	61.8	56.3	51.8
82°	33.4	37.2	39.1	46.2	49.2	50.7	51.1	53.5	49.3	43.3	39.7
83°	23.8	25.8	26.5	32.0	34.7	37.3	39.0	40.3	36.8	30.2	27.7
84°	15.3	18.0	18.6	19.4	23.1	25.6	27.0	27.1	24.3	20.6	18.9
85°	7.0	10.2	10.8	12.0	14.8	18.2	17.3	17.5	15.7	13.0	11.8
86°	2.2	2.4	3.1	4.7	6.6	10.9	9.7	9.6	8.5	7.0	6.5
87°	0.8	0.8	0.9	1.3	2.2	3.5	3.5	3.8	3.6	2.9	2.9
88°	0.3	0.3	0.4	0.4	0.5	0.7	0.8	0.8	1.0	1.0	1.2
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.5	0.4

REPORT NUMBER: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

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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CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

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: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1	12451.1
1°	12446.0	12447.3	12450.9	12453.0	12452.4	12456.0	12452.4	12457.3	12462.5	12455.2	12455.2
2°	12435.7	12436.1	12440.0	12444.3	12449.6	12451.5	12453.3	12457.5	12453.9	12453.9	12452.6
3°	12411.7	12416.6	12424.5	12436.1	12443.8	12443.0	12452.4	12458.8	12448.8	12450.5	12448.1
4°	12376.7	12386.4	12396.0	12412.7	12423.7	12430.3	12438.9	12442.1	12444.5	12439.5	12444.5
5°	12337.9	12354.6	12372.4	12385.1	12399.9	12411.2	12422.8	12435.2	12430.3	12431.0	12434.6
6°	12299.9	12316.0	12334.9	12350.1	12371.6	12383.4	12394.9	12402.0	12404.2	12412.3	12415.7
7°	12256.2	12279.6	12301.2	12314.9	12333.2	12345.2	12357.2	12368.1	12372.8	12377.6	12382.3
8°	12208.2	12233.5	12255.1	12273.6	12295.0	12305.9	12316.2	12330.4	12337.5	12344.1	12339.2
9°	12145.8	12175.1	12202.2	12221.9	12245.7	12258.8	12268.6	12284.1	12295.7	12297.8	12292.6
10°	12073.5	12104.0	12134.2	12159.3	12189.1	12202.6	12218.2	12236.7	12242.3	12250.2	12249.5
11°	11989.0	12016.5	12046.5	12083.8	12120.7	12143.6	12160.3	12180.1	12191.9	12194.0	12199.4
12°	11893.6	11917.4	11957.7	11995.7	12031.3	12069.9	12091.9	12104.2	12115.1	12128.6	12135.5
13°	11775.2	11808.9	11849.9	11899.6	11938.0	11981.3	11997.4	12016.2	12031.9	12049.3	12059.8
14°	11641.2	11683.2	11724.8	11784.2	11833.8	11867.2	11894.2	11916.3	11938.4	11963.5	11978.1
15°	11489.8	11534.0	11583.1	11653.2	11715.4	11751.4	11770.7	11800.3	11826.0	11859.7	11879.9
16°	11325.4	11368.5	11425.7	11501.0	11572.4	11606.9	11633.3	11665.7	11703.6	11745.0	11762.8
17°	11142.7	11190.7	11253.7	11335.2	11409.8	11440.9	11475.7	11510.6	11557.2	11607.5	11637.6
18°	10946.2	11005.2	11075.3	11155.7	11223.7	11259.5	11289.3	11333.3	11388.6	11458.9	11490.0
19°	10740.8	10808.8	10883.4	10962.8	11020.2	11054.7	11084.1	11135.6	11200.8	11281.0	11320.0
20°	10517.6	10588.4	10671.6	10753.7	10795.7	10827.0	10861.8	10919.0	10996.4	11083.9	11136.7
21°	10280.2	10355.5	10438.3	10526.8	10562.2	10581.5	10615.6	10691.5	10773.4	10865.2	10931.0
22°	10056.8	10150.3	10222.8	10282.6	10304.0	10312.6	10366.9	10446.6	10528.7	10629.1	10708.0
23°	9838.5	9963.5	10030.0	10047.8	10035.3	10033.0	10100.7	10199.4	10285.8	10375.4	10464.2
24°	9636.3	9790.5	9850.3	9825.0	9753.4	9743.1	9832.7	9953.9	10040.1	10111.0	10197.9
25°	9461.3	9637.8	9677.7	9599.4	9474.2	9458.1	9562.5	9701.0	9800.1	9843.0	9928.3
26°	9286.1	9489.8	9517.5	9377.7	9196.7	9184.3	9304.8	9471.2	9563.2	9579.7	9661.4
27°	9112.2	9352.2	9356.0	9162.2	8928.7	8914.1	9064.8	9244.3	9332.0	9320.9	9387.1
28°	8937.2	9216.6	9198.4	8947.5	8678.0	8657.8	8836.2	9041.0	9110.5	9065.7	9108.6
29°	8771.1	9080.1	9040.2	8734.4	8431.8	8407.0	8612.4	8837.5	8887.3	8819.9	8844.6
30°	8615.2	8943.2	8884.3	8516.5	8186.5	8165.9	8403.3	8636.6	8677.8	8576.8	8576.6
31°	8456.3	8806.0	8729.7	8302.5	7948.5	7933.5	8198.7	8447.1	8478.1	8337.5	8321.2
32°	8301.7	8669.8	8580.9	8090.9	7718.2	7713.1	7998.0	8258.8	8280.9	8099.2	8070.9
33°	8144.7	8535.8	8424.5	7884.8	7496.7	7507.0	7799.0	8079.3	8081.2	7862.3	7832.5
34°	7983.2	8407.6	8260.9	7684.3	7278.6	7303.7	7606.3	7896.8	7893.6	7629.9	7593.0
35°	7814.9	8278.3	8093.5	7478.5	7062.3	7097.0	7405.1	7707.9	7701.1	7395.9	7356.2
36°	7637.6	8132.3	7912.1	7259.3	6842.7	6889.2	7198.6	7517.3	7499.9	7165.4	7123.2
37°	7440.5	7956.4	7712.4	7040.8	6616.9	6670.9	6995.6	7323.0	7288.3	6936.8	6893.3
38°	7211.7	7747.2	7490.9	6803.2	6380.8	6439.6	6787.1	7117.6	7064.0	6699.9	6664.3
39°	6953.3	7510.0	7239.2	6544.2	6133.4	6191.2	6563.7	6900.8	6829.6	6455.0	6423.9
40°	6663.4	7237.5	6954.2	6263.3	5862.1	5925.8	6315.2	6654.8	6576.8	6203.9	6181.6
41°	6352.1	6937.5	6629.8	5963.7	5577.3	5647.5	6043.1	6372.2	6290.5	5933.3	5921.5
42°	6014.8	6605.3	6271.0	5633.1	5279.1	5355.4	5748.4	6062.2	5974.5	5648.7	5639.7
43°	5668.3	6247.9	5896.8	5280.6	4964.9	5054.1	5431.7	5720.6	5623.9	5349.8	5330.5
44°	5337.2	5900.7	5526.9	4922.7	4629.3	4734.0	5109.0	5365.9	5244.3	5026.9	5016.0

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	5006.3	5555.9	5155.5	4570.6	4321.0	4405.9	4772.8	5009.5	4853.8	4691.1	4698.0
46°	4696.0	5227.8	4815.0	4249.2	4012.4	4078.0	4450.5	4661.3	4453.9	4344.8	4383.4
47°	4332.8	4840.8	4434.8	3927.9	3704.1	3750.0	4128.0	4345.9	4106.1	4009.2	4080.2
48°	3969.3	4520.4	4054.7	3603.5	3373.6	3392.7	3804.4	3996.8	3744.8	3697.0	3786.0
49°	3606.3	4200.3	3676.4	3170.4	2939.0	2958.1	3402.8	3644.2	3374.1	3362.5	3429.4
50°	3297.3	3880.1	3374.3	2799.2	2481.4	2571.0	2981.7	3270.1	3031.8	3009.7	3025.4
51°	3016.0	3569.0	3162.8	2494.5	2069.1	2241.7	2612.6	2930.4	2754.4	2653.6	2616.1
52°	2799.8	3254.4	2910.0	2168.7	1699.1	1895.1	2331.5	2670.3	2517.6	2339.4	2277.5
53°	2680.0	3085.4	2785.2	2017.3	1496.3	1675.6	2158.5	2487.6	2294.6	2092.2	2046.5
54°	2520.4	2922.3	2645.9	1844.2	1287.5	1522.0	2040.8	2266.3	2073.2	1935.9	1894.4
55°	2352.3	2709.8	2414.3	1650.0	1082.2	1386.5	1951.1	2065.2	1882.1	1779.8	1744.2
56°	2107.7	2465.7	2164.7	1467.9	916.3	1275.4	1849.7	1898.2	1691.8	1623.6	1594.0
57°	1877.4	2203.7	1941.1	1294.9	811.0	1190.6	1712.9	1731.7	1501.5	1516.4	1459.4
58°	1713.5	1984.7	1741.6	1142.4	746.4	1113.4	1581.0	1565.3	1310.1	1362.9	1343.4
59°	1536.4	1809.0	1560.5	1026.7	690.2	1000.2	1497.8	1436.0	1215.3	1232.9	1234.6
60°	1346.1	1615.8	1377.5	946.4	642.3	886.4	1356.9	1305.4	1081.8	1158.5	1133.2
61°	1193.8	1417.7	1213.6	840.9	599.2	802.3	1202.7	1162.7	926.3	1052.2	1035.4
62°	1062.2	1243.2	1058.6	740.3	560.3	741.8	1088.3	1060.4	819.8	944.4	945.0
63°	937.2	1085.5	935.3	659.5	524.8	679.0	1001.0	972.8	728.4	838.6	861.9
64°	847.0	953.0	830.1	593.4	491.3	622.0	898.4	876.5	650.3	754.5	780.2
65°	758.4	833.5	740.9	535.2	457.9	565.9	801.6	784.6	589.8	685.5	705.3
66°	674.0	734.7	657.2	488.3	424.4	517.8	714.4	698.7	535.9	621.2	639.3
67°	597.3	641.6	585.9	441.4	393.1	469.7	632.3	619.5	488.9	559.8	577.3
68°	527.3	556.2	520.8	394.6	361.5	421.7	558.7	545.1	443.9	501.2	515.2
69°	457.3	482.9	455.7	354.8	333.3	383.7	499.3	477.6	401.1	445.6	453.6
70°	387.5	410.1	390.9	317.7	306.3	347.0	440.0	416.0	360.6	393.7	396.1
71°	332.8	355.6	339.6	282.3	280.0	312.7	380.8	364.1	321.6	345.1	345.8
72°	284.9	305.8	294.5	251.0	253.7	281.8	336.8	319.7	287.6	303.6	302.8
73°	243.8	259.6	253.8	221.7	227.4	253.2	297.4	279.5	256.0	267.0	266.0
74°	205.3	218.8	216.2	194.7	202.3	225.3	259.8	243.5	226.9	234.3	232.7
75°	172.2	183.4	181.2	168.6	177.7	198.2	224.3	210.6	197.7	203.6	202.0
76°	144.1	152.7	151.7	142.8	155.3	172.5	189.5	182.9	172.0	177.4	174.3
77°	120.1	127.2	126.9	120.2	133.5	147.5	160.0	155.3	146.4	151.2	146.7
78°	99.0	105.3	105.0	101.0	112.3	124.4	134.8	127.8	123.5	125.1	119.2
79°	80.8	85.6	85.6	84.5	93.5	105.1	113.2	107.7	104.8	105.2	99.3
80°	64.9	68.5	69.0	69.2	77.2	87.4	93.5	86.5	86.2	85.9	81.6
81°	52.9	56.1	56.3	56.7	62.6	70.4	76.1	69.0	68.7	68.7	65.6
82°	40.9	43.7	43.5	44.2	50.3	56.6	60.6	55.7	55.4	54.2	50.3
83°	28.9	31.4	30.8	31.8	38.0	42.9	47.5	43.4	41.8	40.2	35.7
84°	19.6	21.4	21.3	22.1	25.8	29.1	34.5	31.9	30.0	27.8	22.8
85°	12.4	13.4	13.5	14.0	16.8	19.8	21.6	21.3	19.6	19.8	14.7
86°	6.2	6.9	7.2	7.9	9.2	12.1	13.0	13.9	13.1	11.9	6.6
87°	2.7	2.9	3.1	3.5	4.1	6.0	6.9	6.6	6.6	4.0	2.1
88°	1.4	1.4	1.5	1.5	1.6	2.0	2.0	1.8	1.8	1.1	0.6
89°	0.5	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.5	0.3	0.2

REPORT NUMBER: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440373
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	12451.1	12451.1	12451.1
1°	12453.3	12451.8	12448.1
2°	12451.1	12450.3	12445.3
3°	12450.9	12446.0	12437.4
4°	12442.5	12434.0	12419.2
5°	12423.7	12413.2	12395.4
6°	12400.5	12385.9	12363.4
7°	12364.3	12348.0	12322.0
8°	12325.2	12311.9	12288.6
9°	12289.6	12269.1	12245.7
10°	12242.3	12232.0	12193.8
11°	12189.5	12170.9	12133.5
12°	12125.8	12100.1	12057.2
13°	12051.0	12022.7	11971.9
14°	11962.0	11932.0	11877.5
15°	11866.1	11831.0	11766.0
16°	11749.7	11706.4	11633.3
17°	11618.1	11566.6	11480.2
18°	11474.2	11405.8	11316.1
19°	11311.0	11235.9	11135.8
20°	11127.0	11049.6	10947.3
21°	10930.2	10860.9	10755.2
22°	10717.0	10655.7	10555.1
23°	10482.4	10438.5	10339.8
24°	10237.3	10214.8	10124.5
25°	9994.8	9984.1	9923.8
26°	9745.0	9777.6	9741.6
27°	9503.1	9587.2	9569.6
28°	9261.2	9400.0	9402.3
29°	9036.5	9219.2	9251.8
30°	8802.6	9041.0	9112.0
31°	8575.7	8866.5	8966.2
32°	8364.1	8702.9	8824.9
33°	8152.4	8542.5	8693.6
34°	7942.9	8386.8	8562.8
35°	7724.4	8233.3	8428.4
36°	7520.9	8089.4	8292.7
37°	7322.4	7933.3	8146.2
38°	7100.6	7763.2	7981.5
39°	6856.8	7555.9	7781.9
40°	6593.7	7301.6	7535.5
41°	6311.1	7021.7	7270.7
42°	5997.0	6722.4	6957.4
43°	5682.4	6400.5	6610.9
44°	5361.2	6057.7	6248.5

REPORT NUMBER: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	5025.6	5678.1	5839.2
46°	4687.9	5292.1	5421.0
47°	4347.1	4911.7	5011.9
48°	4011.3	4538.6	4622.3
49°	3662.7	4136.1	4211.4
50°	3252.9	3721.9	3827.6
51°	2821.7	3257.4	3533.4
52°	2444.9	2922.7	3191.8
53°	2223.2	2585.8	2729.1
54°	2008.5	2311.3	2484.8
55°	1864.0	2125.5	2267.2
56°	1720.3	1935.3	2003.2
57°	1576.6	1745.0	1761.9
58°	1432.8	1554.7	1521.0
59°	1301.5	1407.3	1351.8
60°	1177.4	1243.3	1192.0
61°	1072.7	1097.8	1043.6
62°	968.9	987.9	916.6
63°	864.9	885.0	813.7
64°	773.4	789.6	712.6
65°	692.9	703.7	630.4
66°	609.3	627.6	563.5
67°	530.5	563.3	504.7
68°	466.3	502.3	452.2
69°	409.8	446.3	402.7
70°	363.0	392.8	357.4
71°	319.1	346.5	316.6
72°	280.7	305.3	278.6
73°	245.7	264.2	242.1
74°	212.6	227.0	210.3
75°	184.5	196.5	182.4
76°	156.5	166.3	154.7
77°	128.5	136.0	127.0
78°	106.6	110.2	102.9
79°	88.3	86.9	79.2
80°	70.6	67.4	60.1
81°	53.8	50.4	45.0
82°	40.3	36.7	33.4
83°	28.7	27.0	23.8
84°	20.5	18.9	15.3
85°	12.3	10.8	7.0
86°	4.2	2.7	2.2
87°	1.2	0.9	0.8
88°	0.5	0.4	0.3
89°	0.2	0.2	0.2

REPORT NUMBER: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440373

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)