

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: P1440368

Luminaire Tested: XSF200-SFTR-6Hx6V-840-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440368
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-840-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25013.4 lumens
Efficiency: N/A
Efficacy: 161.4 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

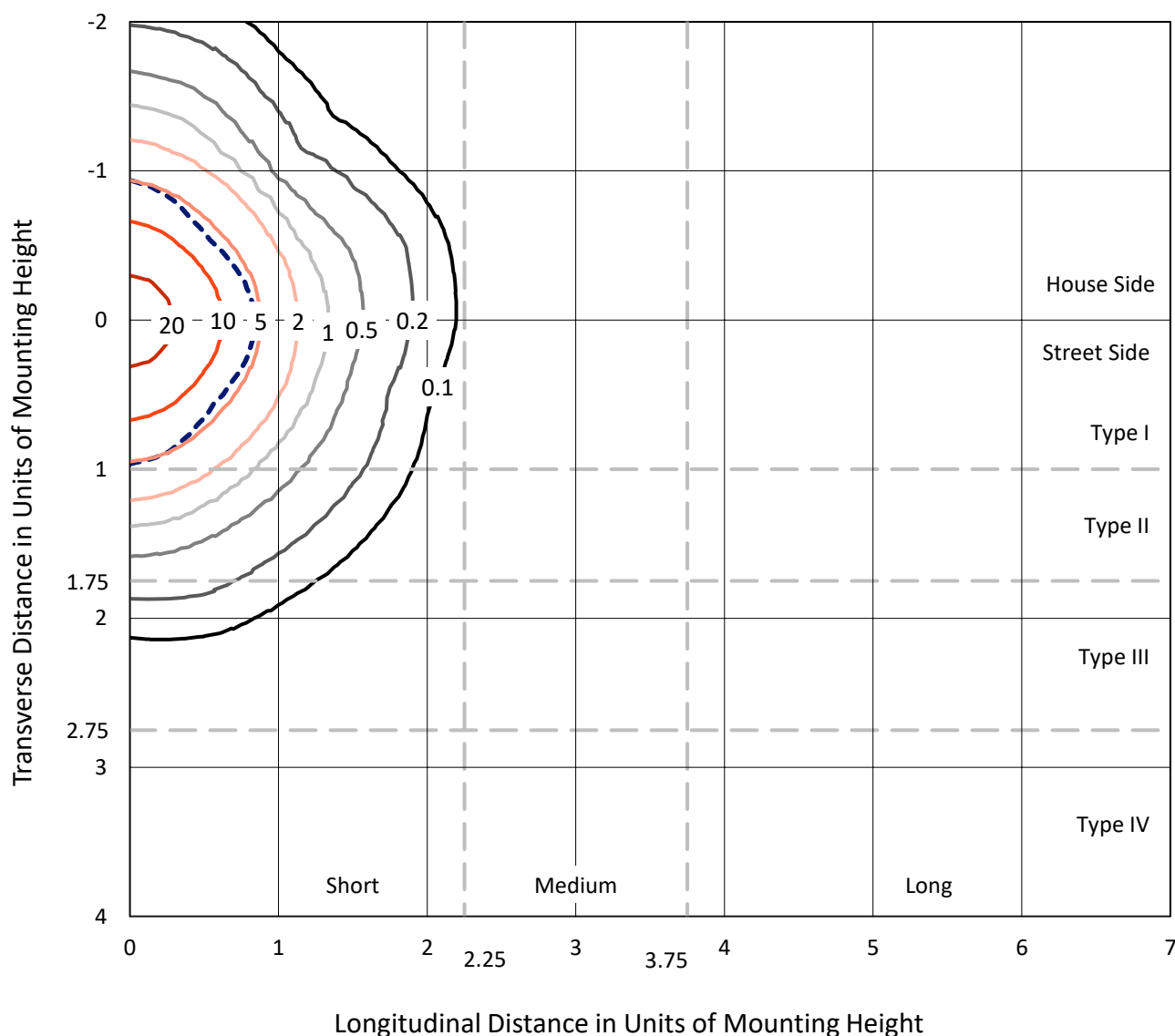
Input Watts (W): 155
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



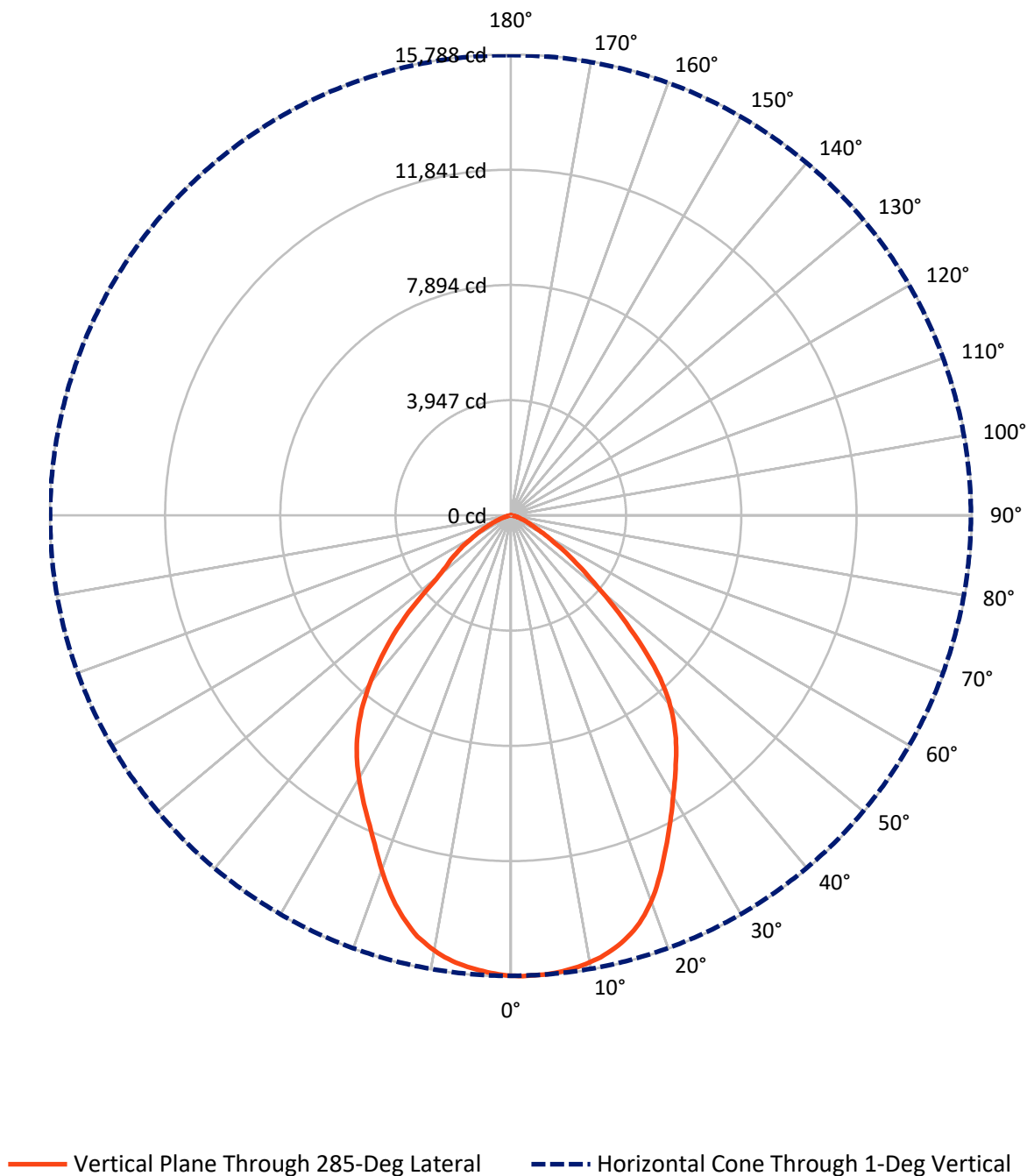
Based on 25 foot mounting height. Maximum calculated value = 25.2 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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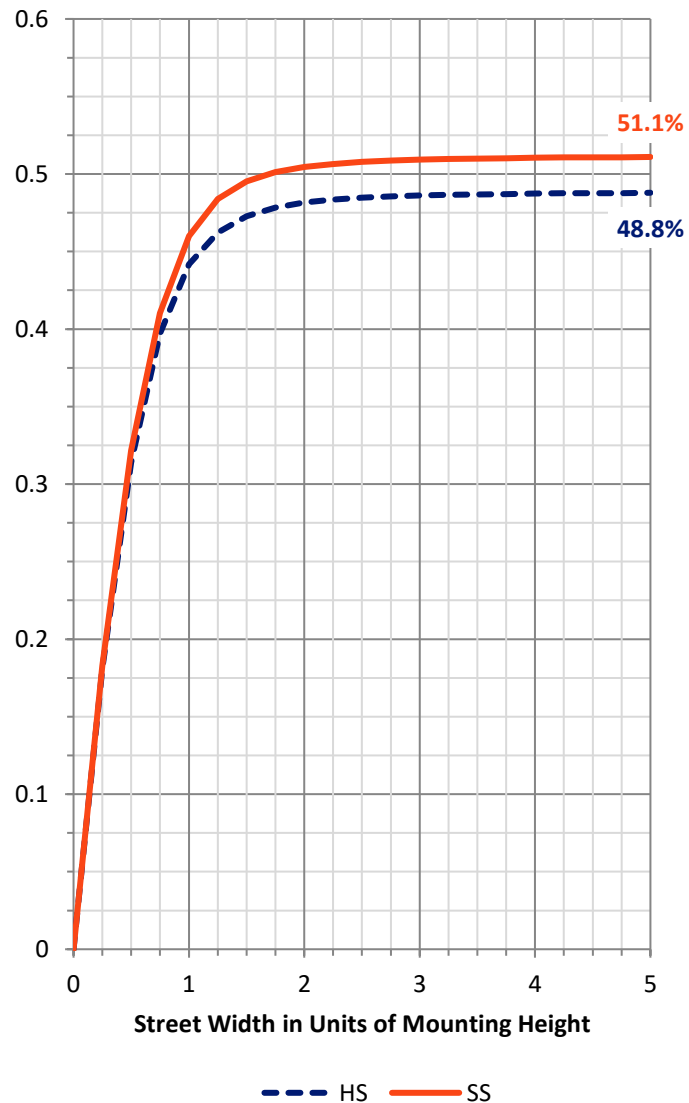
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12280.7	0.0	12280.7
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	12732.7	0.0	12732.7
	% Fixture	50.9	0.0	50.9
Total	Lumens	25013.4	0.0	25013.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1486.5	5.9
10°-20°	4122.5	16.5
20°-30°	5572.6	22.3
30°-40°	5932.5	23.7
40°-50°	4621.6	18.5
50°-60°	2127.4	8.5
60°-70°	853.5	3.4
70°-80°	265.2	1.1
80°-90°	31.5	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°	25013.4	100.0
0°-180°	25013.4	100.0

Coefficient of Utilization



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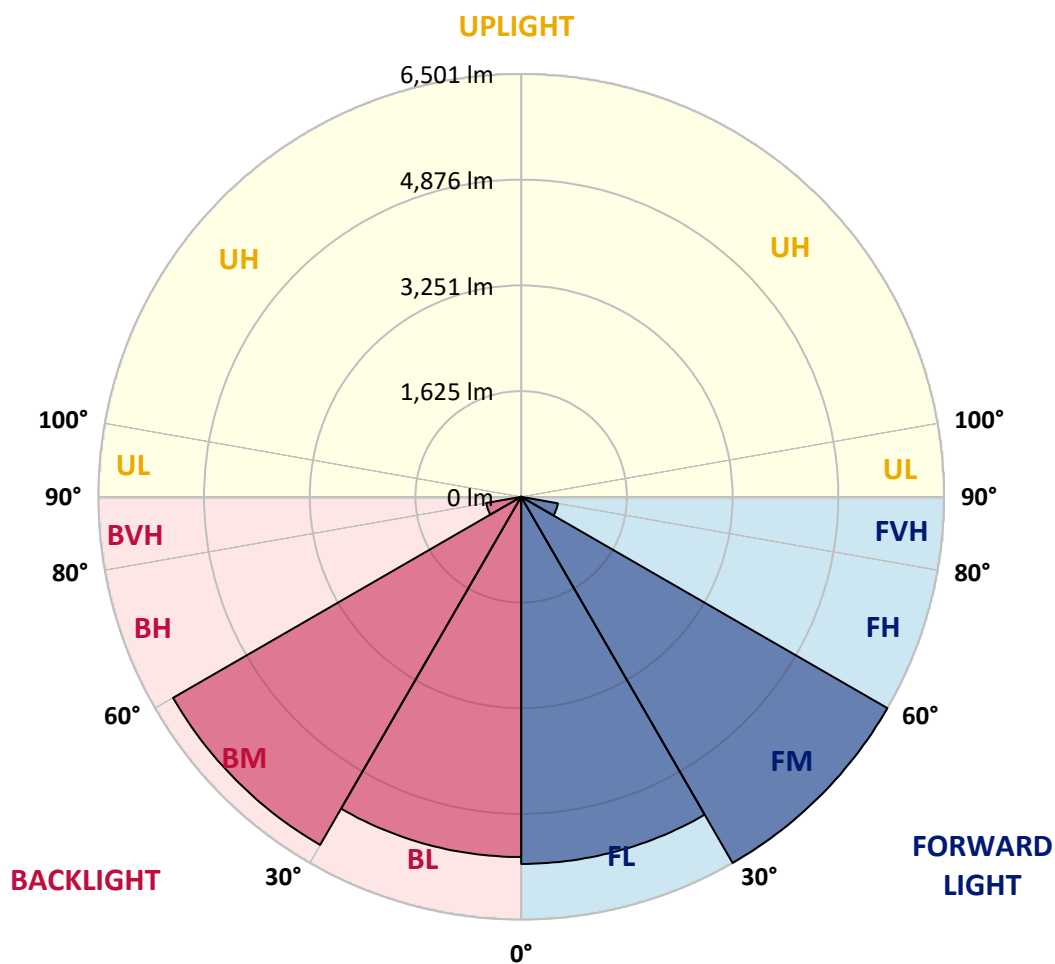
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5644.1	22.6			
FM	(30°-60°)	6501.0	26.0			
FH	(60°-80°)	572.5	2.3			G0/660
FVH	(80°-90°)	15.2	0.1			G1/100
BL	(0°-30°)	5537.6	22.1	B5		
BM	(30°-60°)	6180.5	24.7	B4/8500		
BH	(60°-80°)	546.2	2.2	B2/1000		G0/660
BVH	(80°-90°)	16.4	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



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6
1°	15769.8	15769.0	15767.1	15765.5	15756.2	15757.0	15759.2	15756.8	15761.1	15759.8	15764.1
2°	15766.3	15758.9	15750.0	15748.3	15744.5	15734.0	15731.0	15722.3	15728.8	15737.5	15741.8
3°	15756.2	15745.4	15733.7	15722.0	15709.8	15701.4	15686.4	15689.7	15694.3	15704.3	15712.2
4°	15733.1	15717.1	15700.5	15686.7	15670.1	15654.9	15645.7	15637.5	15647.6	15658.7	15666.0
5°	15703.0	15679.3	15663.9	15636.4	15615.8	15601.7	15588.6	15585.4	15588.9	15598.4	15615.2
6°	15662.5	15636.7	15603.6	15580.2	15557.1	15541.9	15531.3	15531.0	15527.5	15535.1	15560.9
7°	15610.1	15584.0	15552.2	15518.8	15492.5	15474.3	15472.4	15467.2	15466.6	15474.5	15499.8
8°	15567.7	15530.5	15489.7	15455.8	15419.7	15398.2	15395.2	15391.1	15396.6	15408.8	15434.3
9°	15513.4	15466.4	15422.6	15384.6	15339.0	15315.1	15299.3	15298.8	15304.2	15321.0	15358.8
10°	15447.6	15397.4	15344.9	15296.1	15247.2	15214.6	15189.3	15191.5	15207.0	15224.6	15257.7
11°	15371.3	15309.4	15248.0	15191.7	15143.7	15102.1	15068.7	15064.9	15083.9	15115.1	15152.1
12°	15274.6	15208.3	15142.3	15074.4	15022.8	14969.0	14931.0	14919.3	14947.0	14983.1	15029.8
13°	15166.5	15096.4	15023.6	14946.2	14876.6	14818.2	14770.1	14769.9	14792.4	14835.1	14884.5
14°	15046.9	14964.9	14882.9	14800.3	14721.2	14647.4	14583.2	14579.2	14609.0	14664.7	14712.0
15°	14905.7	14814.7	14725.0	14637.6	14542.8	14450.7	14374.9	14364.8	14404.2	14473.2	14519.1
16°	14737.5	14635.1	14537.6	14451.5	14337.9	14236.9	14148.1	14140.2	14180.1	14250.2	14301.5
17°	14543.6	14443.9	14329.5	14239.6	14106.8	13996.5	13902.5	13897.9	13935.4	14003.8	14065.8
18°	14335.8	14224.4	14108.9	13996.2	13851.4	13744.1	13636.3	13633.8	13673.8	13739.0	13807.4
19°	14107.3	13985.1	13872.9	13739.0	13587.1	13472.5	13364.1	13357.6	13390.4	13458.1	13537.7
20°	13868.5	13744.9	13612.1	13452.6	13301.6	13184.5	13086.5	13068.8	13092.7	13154.1	13253.5
21°	13625.1	13488.5	13349.4	13158.2	12998.7	12893.3	12808.0	12776.8	12771.1	12837.9	12936.2
22°	13371.7	13214.4	13049.2	12841.2	12677.3	12599.1	12521.7	12475.8	12453.2	12516.3	12620.6
23°	13098.9	12922.9	12733.0	12508.9	12352.2	12309.8	12253.8	12189.5	12128.1	12167.2	12286.2
24°	12826.2	12642.6	12417.7	12176.4	12032.7	12034.6	12009.4	11920.5	11818.1	11823.0	11979.8
25°	12571.9	12383.7	12116.9	11851.3	11722.2	11776.6	11786.6	11661.9	11510.1	11484.8	11679.0
26°	12341.0	12138.7	11821.7	11528.0	11415.5	11530.2	11569.8	11422.9	11217.5	11173.0	11382.7
27°	12123.2	11904.2	11537.8	11209.4	11126.2	11292.8	11355.0	11192.2	10939.1	10855.9	11090.6
28°	11911.3	11669.8	11251.5	10901.3	10849.4	11060.5	11145.0	10967.0	10660.1	10551.7	10812.5
29°	11720.6	11443.5	10984.7	10604.9	10572.1	10832.8	10939.1	10740.2	10391.4	10252.1	10534.8
30°	11543.5	11228.4	10714.7	10309.4	10293.6	10607.4	10736.7	10516.1	10128.5	9959.8	10262.9
31°	11358.8	11013.0	10448.5	10023.1	10029.3	10381.1	10524.3	10287.1	9882.1	9687.0	10002.4
32°	11179.7	10807.9	10187.4	9750.6	9768.3	10158.1	10303.4	10055.1	9640.3	9415.1	9750.1
33°	11013.5	10613.9	9929.3	9476.8	9514.3	9917.1	10074.7	9815.2	9395.0	9151.3	9500.9
34°	10847.8	10424.8	9683.8	9206.2	9249.4	9675.1	9831.0	9561.5	9144.0	8885.1	9251.0
35°	10677.5	10236.6	9435.2	8925.6	8974.8	9411.8	9571.3	9288.0	8869.1	8612.7	8993.5
36°	10505.5	10039.6	9188.0	8631.9	8705.8	9135.9	9282.8	9003.6	8566.2	8321.4	8720.2
37°	10320.0	9822.9	8931.0	8344.0	8428.5	8853.1	8981.0	8706.6	8246.2	7995.5	8423.9
38°	10111.3	9567.8	8671.6	8069.1	8143.2	8542.3	8664.5	8390.7	7901.7	7645.3	8098.7
39°	9858.4	9280.4	8388.3	7773.5	7837.4	8213.9	8328.8	8046.8	7549.4	7287.5	7763.7
40°	9546.3	8969.1	8062.0	7453.3	7507.0	7846.1	7973.5	7685.8	7188.7	6927.6	7398.1
41°	9210.8	8626.8	7697.5	7108.3	7156.9	7456.8	7573.9	7321.5	6811.1	6560.1	7014.8
42°	8813.9	8244.8	7307.6	6742.6	6778.5	7026.8	7142.5	6917.3	6405.5	6177.3	6613.0
43°	8375.0	7829.5	6906.4	6357.7	6395.7	6574.7	6707.6	6524.8	5994.0	5774.7	6210.2
44°	7915.9	7370.9	6500.3	5967.1	6000.7	6131.9	6281.9	6121.9	5600.1	5420.8	5833.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7397.3	6901.5	6079.5	5574.5	5615.0	5717.1	5868.7	5744.3	5206.2	5066.5	5484.3
46°	6867.6	6431.0	5659.0	5196.9	5240.9	5308.0	5420.2	5287.4	4809.6	4712.3	5134.7
47°	6349.3	5975.8	5243.4	4827.2	4819.9	4843.8	4972.0	4829.1	4292.1	4342.3	4781.6
48°	5855.7	5528.9	4804.9	4396.9	4371.4	4410.5	4523.8	4316.5	3782.2	3883.5	4307.5
49°	5335.2	5036.7	4288.0	3923.4	3929.7	3991.9	4098.7	3800.1	3326.1	3423.1	3781.9
50°	4848.9	4515.1	3765.9	3414.6	3516.0	3581.2	3738.4	3367.1	2841.2	2842.0	3311.7
51°	4476.2	3970.7	3331.8	2993.3	3158.7	3275.3	3455.9	3074.0	2481.9	2386.3	2858.6
52°	4043.5	3467.9	2991.1	2687.9	2846.1	3001.2	3202.2	2855.0	2228.4	2026.1	2552.4
53°	3457.3	3154.4	2665.1	2513.0	2562.6	2711.7	2973.5	2684.0	2013.1	1747.1	2373.2
54°	3147.9	2916.2	2452.3	2339.4	2364.2	2468.9	2708.3	2553.8	1836.4	1478.9	2176.9
55°	2872.2	2588.0	2241.1	2165.7	2165.8	2226.2	2481.2	2385.1	1675.0	1253.1	1945.1
56°	2537.7	2345.0	2030.0	1968.5	1967.4	1983.5	2283.3	2218.3	1525.2	1068.6	1702.8
57°	2232.1	2104.6	1836.8	1804.2	1851.9	1814.5	2079.6	2049.7	1411.3	960.4	1507.5
58°	1926.8	1864.3	1669.1	1649.5	1684.5	1614.7	1881.9	1931.1	1297.8	885.8	1333.9
59°	1712.5	1710.5	1526.9	1497.0	1553.7	1448.2	1705.0	1742.1	1151.2	822.9	1197.8
60°	1510.1	1608.5	1397.9	1357.3	1417.0	1241.3	1563.0	1554.0	1044.8	765.0	1080.3
61°	1322.0	1456.6	1254.0	1234.9	1271.8	1067.7	1403.3	1433.6	984.8	714.8	974.8
62°	1161.2	1282.0	1125.1	1119.9	1137.3	977.3	1262.6	1320.0	902.4	669.7	883.1
63°	1030.9	1128.1	1009.7	1013.3	1027.1	900.4	1152.7	1202.3	820.3	627.7	804.0
64°	902.8	1017.3	915.0	922.7	933.9	810.5	1035.8	1068.9	745.3	587.0	733.5
65°	798.6	908.2	834.0	842.5	843.6	729.8	925.2	949.0	677.2	546.3	665.1
66°	713.8	809.4	753.3	766.5	761.2	660.7	818.2	837.3	617.1	506.3	605.8
67°	639.4	721.0	677.9	692.9	682.4	599.5	717.5	733.7	556.9	467.6	546.4
68°	572.9	637.2	607.1	618.3	606.2	542.3	636.3	653.4	496.7	431.4	487.1
69°	510.1	558.5	537.7	545.1	536.0	486.3	555.1	573.2	450.5	396.0	436.0
70°	452.8	487.7	470.3	479.1	474.4	434.9	474.6	493.6	409.3	362.8	391.5
71°	401.1	427.5	411.4	418.3	419.3	389.1	418.9	439.1	371.3	330.8	347.7
72°	353.0	374.4	358.3	368.7	369.3	347.4	369.5	388.1	333.8	298.8	307.4
73°	306.7	324.2	309.9	323.8	325.2	308.0	324.4	339.6	297.9	267.5	270.0
74°	266.4	279.8	266.7	283.8	283.6	271.6	281.8	295.9	263.8	237.5	236.0
75°	231.1	241.4	229.9	247.4	248.3	238.0	242.9	253.4	230.8	208.3	202.3
76°	196.0	203.2	193.2	210.4	211.8	204.5	206.5	214.8	199.3	181.3	170.1
77°	160.9	164.9	156.5	173.3	175.2	170.9	175.4	182.7	171.1	155.4	142.8
78°	130.4	131.2	128.7	142.8	147.8	144.9	148.7	153.9	144.6	129.3	118.9
79°	100.4	103.7	105.0	117.6	122.3	120.0	123.1	127.2	120.7	106.6	98.6
80°	76.1	79.9	83.0	95.7	97.7	97.5	98.2	104.2	98.7	87.9	81.0
81°	57.0	60.0	62.8	76.9	80.3	80.3	80.0	84.6	78.3	71.3	65.7
82°	42.3	47.1	49.5	58.6	62.4	64.3	64.7	67.8	62.4	54.8	50.3
83°	30.1	32.7	33.5	40.5	43.9	47.3	49.4	51.1	46.6	38.3	35.1
84°	19.4	22.8	23.5	24.6	29.3	32.5	34.2	34.4	30.7	26.1	23.9
85°	8.8	12.9	13.7	15.2	18.8	23.1	22.0	22.1	19.9	16.4	15.0
86°	2.8	3.1	3.9	6.0	8.4	13.8	12.2	12.2	10.7	8.8	8.2
87°	1.0	1.0	1.2	1.6	2.7	4.4	4.4	4.8	4.5	3.6	3.6
88°	0.4	0.4	0.4	0.5	0.7	0.9	1.0	1.1	1.2	1.3	1.6
89°	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.6	0.6



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CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

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: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440368
CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

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: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6	15773.6
1°	15767.1	15768.7	15773.3	15776.1	15775.2	15779.9	15775.2	15781.5	15788.0	15778.8	15778.8
2°	15754.1	15754.6	15759.5	15764.9	15771.7	15774.2	15776.3	15781.8	15777.1	15777.1	15775.5
3°	15723.6	15729.9	15739.9	15754.6	15764.4	15763.3	15775.2	15783.4	15770.6	15772.8	15769.8
4°	15679.3	15691.6	15703.8	15725.0	15738.8	15747.3	15758.1	15762.2	15765.2	15758.9	15765.2
5°	15630.2	15651.4	15673.9	15689.9	15708.7	15723.1	15737.8	15753.5	15747.3	15748.1	15752.7
6°	15582.1	15602.5	15626.4	15645.7	15672.8	15687.8	15702.4	15711.4	15714.1	15724.4	15728.8
7°	15526.7	15556.3	15583.7	15601.1	15624.2	15639.4	15654.6	15668.5	15674.5	15680.4	15686.4
8°	15465.8	15497.9	15525.3	15548.7	15575.9	15589.7	15602.7	15620.7	15629.6	15638.1	15631.8
9°	15386.8	15424.0	15458.2	15483.2	15513.4	15529.9	15542.4	15562.0	15576.7	15579.4	15572.9
10°	15295.2	15333.8	15372.1	15403.9	15441.7	15458.8	15478.6	15502.0	15509.0	15519.1	15518.3
11°	15188.2	15223.0	15261.0	15308.3	15355.0	15384.1	15405.3	15430.2	15445.2	15447.9	15454.7
12°	15067.3	15097.5	15148.5	15196.6	15241.7	15290.6	15318.6	15334.1	15347.9	15365.1	15373.7
13°	14917.4	14960.0	15011.9	15074.9	15123.6	15178.4	15198.8	15222.7	15242.5	15264.5	15277.9
14°	14747.6	14800.8	14853.5	14928.8	14991.5	15033.9	15068.1	15096.1	15124.1	15155.9	15174.4
15°	14555.8	14611.8	14674.0	14762.8	14841.6	14887.2	14911.7	14949.2	14981.8	15024.4	15049.9
16°	14347.5	14402.1	14474.6	14569.9	14660.4	14704.1	14737.5	14778.6	14826.6	14879.1	14901.6
17°	14116.0	14176.9	14256.7	14359.9	14454.5	14493.9	14537.9	14582.2	14641.1	14704.9	14743.0
18°	13867.2	13941.9	14030.7	14132.6	14218.7	14264.1	14301.8	14357.5	14427.6	14516.7	14556.1
19°	13606.9	13693.0	13787.6	13888.1	13960.9	14004.6	14041.8	14107.0	14189.6	14291.2	14340.7
20°	13324.1	13413.8	13519.2	13623.2	13676.5	13716.1	13760.1	13832.7	13930.7	14041.6	14108.4
21°	13023.4	13118.8	13223.6	13335.8	13380.6	13405.1	13448.3	13544.5	13648.2	13764.5	13847.9
22°	12740.4	12858.8	12950.6	13026.4	13053.6	13064.4	13133.2	13234.2	13338.3	13465.4	13565.4
23°	12463.8	12622.2	12706.4	12729.0	12713.2	12710.2	12796.1	12921.0	13030.5	13144.0	13256.5
24°	12207.7	12403.0	12478.8	12446.7	12356.0	12342.9	12456.5	12610.0	12719.2	12809.1	12919.1
25°	11986.0	12209.6	12260.1	12160.9	12002.3	11981.9	12114.2	12289.7	12415.2	12469.5	12577.7
26°	11764.1	12022.1	12057.2	11880.1	11650.8	11635.0	11787.7	11998.5	12115.0	12136.0	12239.4
27°	11543.8	11847.7	11852.6	11607.0	11311.2	11292.8	11483.7	11711.1	11822.2	11808.1	11892.0
28°	11322.1	11676.0	11653.0	11335.1	10993.7	10968.1	11194.1	11453.6	11541.6	11484.8	11539.1
29°	11111.6	11503.0	11452.5	11065.1	10681.8	10650.3	10910.5	11195.8	11258.8	11173.5	11204.7
30°	10914.1	11329.7	11255.0	10789.1	10371.0	10345.0	10645.7	10941.2	10993.4	10865.4	10865.2
31°	10712.8	11155.8	11059.1	10518.0	10069.5	10050.5	10386.5	10701.1	10740.5	10562.3	10541.6
32°	10516.9	10983.3	10870.6	10249.9	9777.8	9771.2	10132.3	10462.6	10490.6	10260.5	10224.6
33°	10318.1	10813.6	10672.6	9988.8	9497.1	9510.2	9880.2	10235.2	10237.7	9960.3	9922.5
34°	10113.5	10651.1	10465.3	9734.8	9220.9	9252.7	9636.0	10004.0	10000.0	9665.8	9619.1
35°	9900.3	10487.3	10253.1	9474.1	8946.8	8990.8	9381.2	9764.7	9756.0	9369.5	9319.2
36°	9675.6	10302.3	10023.3	9196.4	8668.6	8727.6	9119.6	9523.2	9501.2	9077.4	9023.9
37°	9426.0	10079.6	9770.4	8919.6	8382.6	8451.0	8862.3	9277.1	9233.1	8787.9	8732.7
38°	9136.1	9814.4	9489.8	8618.6	8083.5	8157.9	8598.3	9016.9	8949.0	8487.7	8442.6
39°	8808.8	9514.0	9170.9	8290.5	7770.0	7843.3	8315.2	8742.2	8652.0	8177.5	8138.1
40°	8441.5	9168.7	8809.9	7934.6	7426.4	7507.0	8000.4	8430.6	8331.8	7859.4	7831.1
41°	8047.1	8788.7	8398.9	7555.1	7065.6	7154.4	7655.6	8072.6	7969.1	7516.5	7501.6
42°	7619.8	8367.9	7944.4	7136.2	6687.7	6784.5	7282.4	7679.8	7568.7	7156.1	7144.7
43°	7180.8	7915.1	7470.4	6689.6	6289.8	6402.8	6881.2	7247.1	7124.6	6777.4	6752.9
44°	6761.4	7475.3	7001.8	6236.3	5864.6	5997.2	6472.3	6797.8	6643.7	6368.3	6354.4

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	6342.2	7038.4	6531.3	5790.2	5474.0	5581.6	6046.4	6346.3	6149.1	5942.9	5951.6
46°	5949.1	6622.8	6099.9	5383.0	5083.1	5166.2	5638.1	5905.1	5642.4	5504.2	5553.1
47°	5489.0	6132.5	5618.3	4976.1	4692.5	4750.6	5229.5	5505.5	5201.8	5079.0	5169.0
48°	5028.5	5726.6	5136.6	4565.1	4273.9	4298.0	4819.6	5063.3	4744.1	4683.5	4796.2
49°	4568.6	5321.1	4657.4	4016.3	3723.2	3747.4	4310.8	4616.7	4274.4	4259.7	4344.5
50°	4177.2	4915.5	4274.7	3546.1	3143.5	3257.1	3777.3	4142.7	3840.9	3812.9	3832.7
51°	3820.8	4521.3	4006.8	3160.1	2621.3	2839.8	3309.8	3712.4	3489.3	3361.7	3314.1
52°	3546.9	4122.8	3686.6	2747.5	2152.5	2400.8	2953.6	3382.9	3189.4	2963.7	2885.2
53°	3395.1	3908.8	3528.5	2555.6	1895.5	2122.7	2734.4	3151.4	2906.9	2650.5	2592.6
54°	3193.0	3702.0	3351.9	2336.3	1631.0	1928.2	2585.4	2871.1	2626.4	2452.5	2399.9
55°	2980.0	3432.8	3058.5	2090.2	1371.0	1756.4	2471.8	2616.3	2384.4	2254.7	2209.6
56°	2670.1	3123.7	2742.3	1859.7	1160.8	1615.7	2343.3	2404.8	2143.2	2056.8	2019.3
57°	2378.3	2791.7	2459.1	1640.4	1027.4	1508.3	2170.0	2193.8	1902.1	1921.1	1848.8
58°	2170.7	2514.3	2206.4	1447.2	945.5	1410.5	2002.8	1982.9	1659.7	1726.6	1701.9
59°	1946.4	2291.7	1976.9	1300.7	874.4	1267.1	1897.5	1819.2	1539.6	1561.9	1564.1
60°	1705.3	2046.9	1745.1	1199.0	813.7	1122.9	1718.9	1653.7	1370.5	1467.6	1435.6
61°	1512.4	1796.1	1537.4	1065.3	759.0	1016.4	1523.7	1472.9	1173.4	1333.0	1311.7
62°	1345.7	1575.0	1341.0	937.8	709.9	939.7	1378.8	1343.4	1038.5	1196.4	1197.2
63°	1187.3	1375.1	1184.9	835.5	664.8	860.1	1268.1	1232.4	922.8	1062.4	1091.9
64°	1073.0	1207.3	1051.6	751.7	622.5	788.0	1138.1	1110.3	823.8	955.8	988.5
65°	960.8	1056.0	938.5	678.1	580.1	716.9	1015.5	993.9	747.2	868.5	893.5
66°	853.9	930.8	832.6	618.6	537.7	656.0	905.0	885.1	678.9	787.0	809.8
67°	756.7	812.8	742.2	559.2	497.9	595.0	801.0	784.8	619.4	709.2	731.4
68°	668.0	704.7	659.7	499.9	457.9	534.3	707.7	690.5	562.4	635.0	652.7
69°	579.4	611.7	577.3	449.5	422.3	486.1	632.6	605.1	508.2	564.5	574.7
70°	491.0	519.6	495.2	402.4	388.0	439.6	557.4	527.0	456.8	498.8	501.8
71°	421.6	450.5	430.2	357.7	354.7	396.1	482.5	461.2	407.4	437.2	438.0
72°	360.9	387.4	373.1	318.0	321.4	356.9	426.7	405.0	364.3	384.6	383.6
73°	308.8	328.9	321.6	280.9	288.0	320.8	376.8	354.0	324.3	338.3	337.0
74°	260.1	277.1	273.9	246.6	256.3	285.4	329.2	308.5	287.5	296.8	294.8
75°	218.1	232.4	229.6	213.5	225.2	251.1	284.1	266.7	250.5	257.9	255.9
76°	182.5	193.5	192.2	180.9	196.7	218.5	240.1	231.7	217.9	224.7	220.8
77°	152.2	161.2	160.7	152.2	169.2	186.9	202.7	196.8	185.4	191.6	185.9
78°	125.4	133.4	133.0	128.0	142.3	157.6	170.8	161.9	156.5	158.4	151.0
79°	102.3	108.5	108.5	107.0	118.4	133.2	143.4	136.4	132.8	133.3	125.8
80°	82.3	86.8	87.4	87.6	97.8	110.7	118.5	109.6	109.2	108.8	103.4
81°	67.0	71.1	71.3	71.8	79.3	89.2	96.5	87.4	87.1	87.0	83.1
82°	51.8	55.4	55.1	56.0	63.8	71.7	76.7	70.6	70.2	68.7	63.7
83°	36.7	39.8	39.0	40.2	48.2	54.3	60.2	54.9	52.9	50.9	45.2
84°	24.9	27.1	26.9	28.0	32.7	36.9	43.7	40.4	38.0	35.2	28.8
85°	15.7	16.9	17.1	17.7	21.2	25.1	27.4	27.0	24.9	25.1	18.6
86°	7.8	8.8	9.1	10.0	11.6	15.3	16.5	17.6	16.6	15.1	8.4
87°	3.5	3.6	4.0	4.4	5.2	7.6	8.7	8.4	8.4	5.1	2.6
88°	1.8	1.8	1.9	1.9	2.0	2.5	2.5	2.2	2.3	1.5	0.8
89°	0.6	0.6	0.7	0.8	0.9	0.8	0.8	0.6	0.6	0.4	0.3

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440368
CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	15773.6	15773.6	15773.6
1°	15776.3	15774.4	15769.8
2°	15773.6	15772.5	15766.3
3°	15773.3	15767.1	15756.2
4°	15762.7	15751.9	15733.1
5°	15738.8	15725.5	15703.0
6°	15709.5	15691.0	15662.5
7°	15663.6	15642.9	15610.1
8°	15614.2	15597.3	15567.7
9°	15569.1	15543.0	15513.4
10°	15509.0	15496.0	15447.6
11°	15442.2	15418.6	15371.3
12°	15361.5	15328.9	15274.6
13°	15266.7	15230.9	15166.5
14°	15154.0	15115.9	15046.9
15°	15032.6	14988.0	14905.7
16°	14885.0	14830.2	14737.5
17°	14718.3	14653.1	14543.6
18°	14536.0	14449.3	14335.8
19°	14329.3	14234.2	14107.3
20°	14096.2	13998.1	13868.5
21°	13846.8	13759.1	13625.1
22°	13576.8	13499.1	13371.7
23°	13279.6	13223.9	13098.9
24°	12969.1	12940.6	12826.2
25°	12661.9	12648.3	12571.9
26°	12345.4	12386.7	12341.0
27°	12039.0	12145.5	12123.2
28°	11732.6	11908.3	11911.3
29°	11447.9	11679.3	11720.6
30°	11151.5	11453.6	11543.5
31°	10864.1	11232.4	11358.8
32°	10596.0	11025.2	11179.7
33°	10327.9	10822.0	11013.5
34°	10062.4	10624.8	10847.8
35°	9785.6	10430.3	10677.5
36°	9527.8	10248.0	10505.5
37°	9276.3	10050.2	10320.0
38°	8995.4	9834.8	10111.3
39°	8686.5	9572.1	9858.4
40°	8353.2	9249.9	9546.3
41°	7995.2	8895.4	9210.8
42°	7597.2	8516.2	8813.9
43°	7198.7	8108.5	8375.0
44°	6791.8	7674.1	7915.9

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	6366.7	7193.3	7397.3
46°	5938.8	6704.3	6867.6
47°	5507.2	6222.4	6349.3
48°	5081.8	5749.7	5855.7
49°	4640.0	5239.9	5335.2
50°	4120.9	4715.0	4848.9
51°	3574.6	4126.6	4476.2
52°	3097.3	3702.6	4043.5
53°	2816.5	3275.8	3457.3
54°	2544.5	2928.1	3147.9
55°	2361.4	2692.6	2872.2
56°	2179.3	2451.7	2537.7
57°	1997.3	2210.6	2232.1
58°	1815.2	1969.6	1926.8
59°	1648.8	1782.8	1712.5
60°	1491.6	1575.0	1510.1
61°	1359.0	1390.7	1322.0
62°	1227.4	1251.5	1161.2
63°	1095.7	1121.2	1030.9
64°	979.8	1000.2	902.8
65°	877.8	891.5	798.6
66°	771.9	795.0	713.8
67°	672.0	713.6	639.4
68°	590.7	636.3	572.9
69°	519.1	565.3	510.1
70°	459.9	497.6	452.8
71°	404.2	438.9	401.1
72°	355.6	386.7	353.0
73°	311.3	334.7	306.7
74°	269.3	287.5	266.4
75°	233.8	249.0	231.1
76°	198.3	210.6	196.0
77°	162.8	172.3	160.9
78°	135.0	139.7	130.4
79°	111.9	110.1	100.4
80°	89.4	85.4	76.1
81°	68.1	63.9	57.0
82°	51.0	46.5	42.3
83°	36.4	34.2	30.1
84°	26.0	23.9	19.4
85°	15.6	13.7	8.8
86°	5.3	3.5	2.8
87°	1.5	1.1	1.0
88°	0.6	0.5	0.4
89°	0.2	0.2	0.2

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440368

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)