

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: P1440359

Luminaire Tested: XSF200-SFTR-5Hx5V-850-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440359
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-5Hx5V-850-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 5 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32588.9 lumens
Efficiency: N/A
Efficacy: 162.1 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

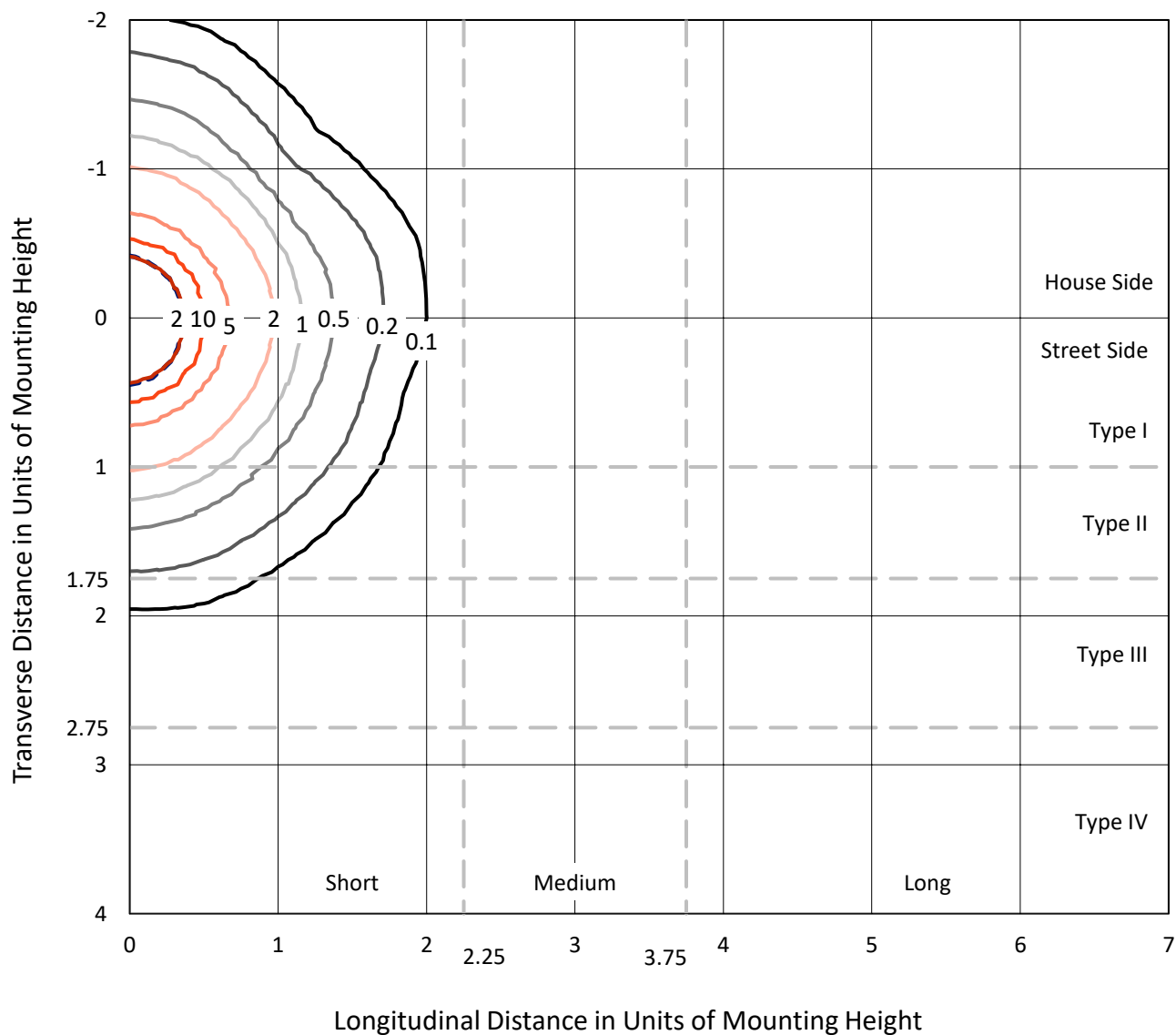
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



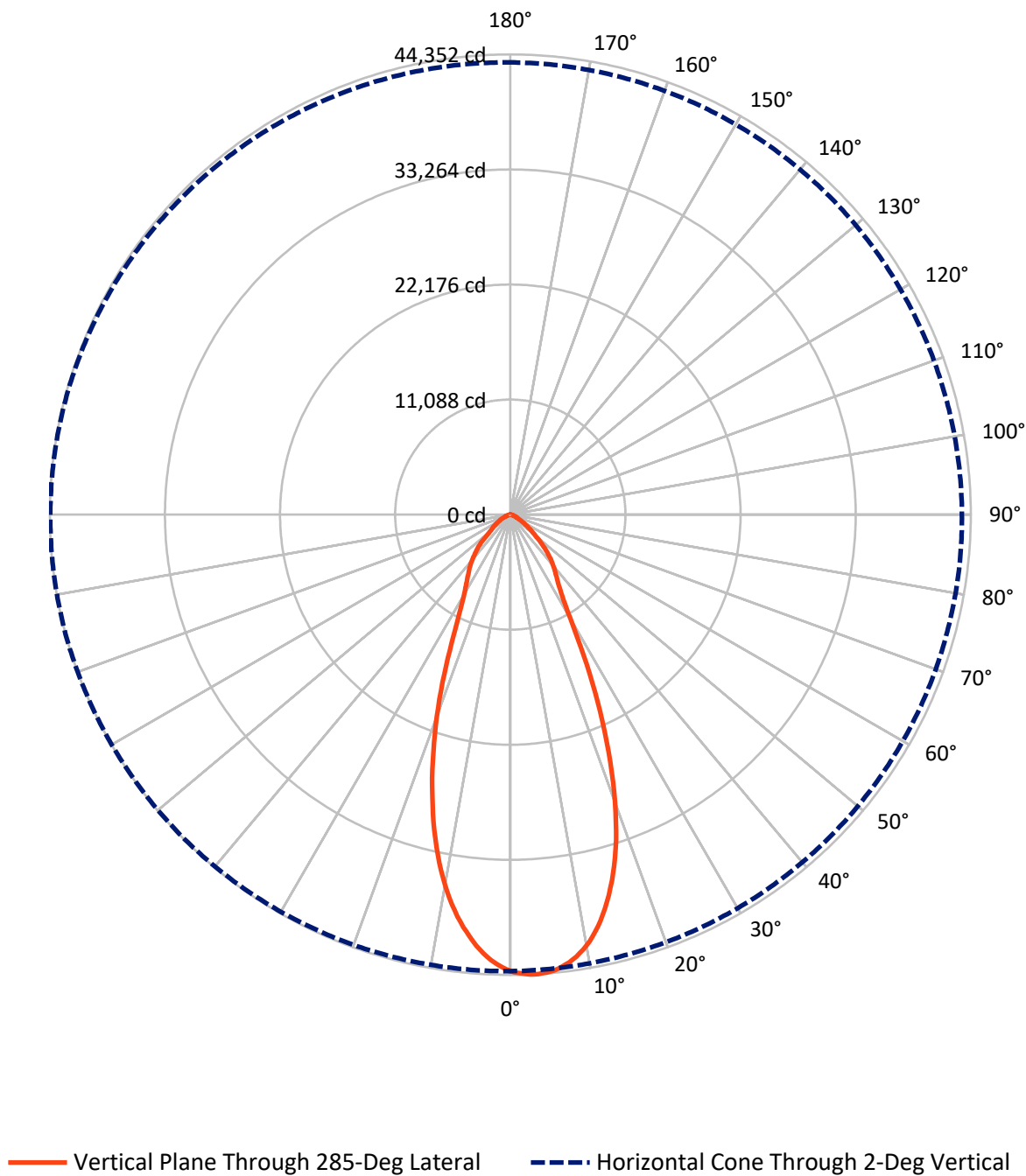
Based on 30 foot mounting height. Maximum calculated value = 49 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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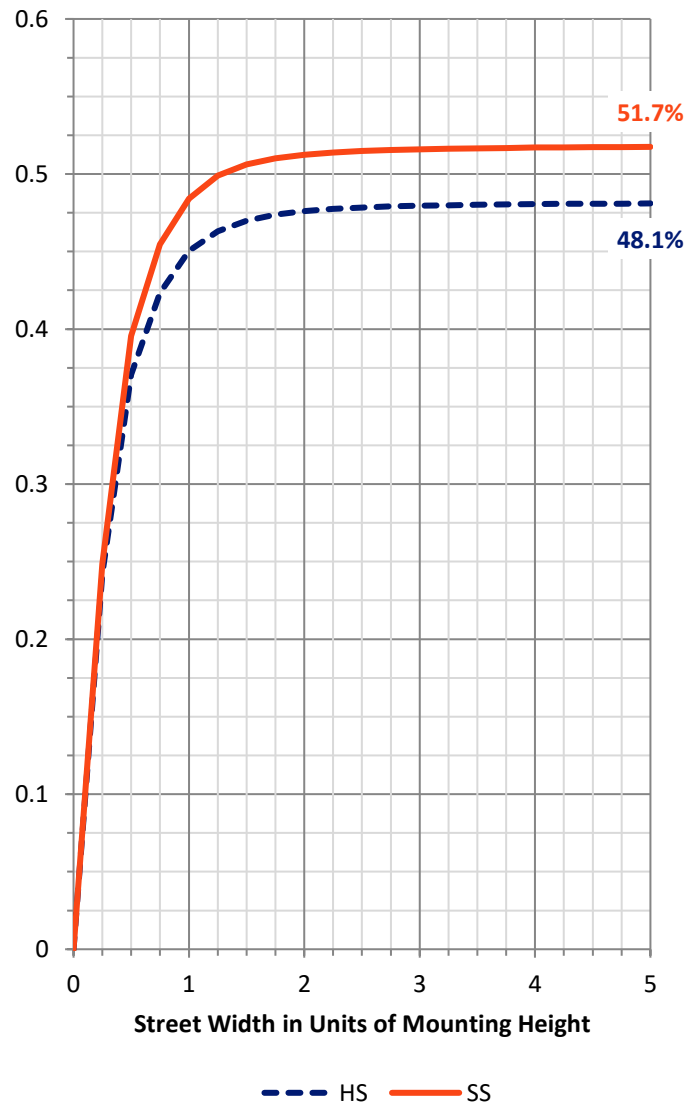
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15833.7	0.0	15833.7
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	16755.2	0.0	16755.2
	% Fixture	51.4	0.0	51.4
Total	Lumens	32588.9	0.0	32588.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3966.0	12.2
10°-20°	9374.3	28.8
20°-30°	7957.4	24.4
30°-40°	4866.2	14.9
40°-50°	3548.5	10.9
50°-60°	1762.1	5.4
60°-70°	793.3	2.4
70°-80°	285.1	0.9
80°-90°	36.0	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°	32588.9	100.0
0°-180°	32588.9	100.0

Coefficient of Utilization



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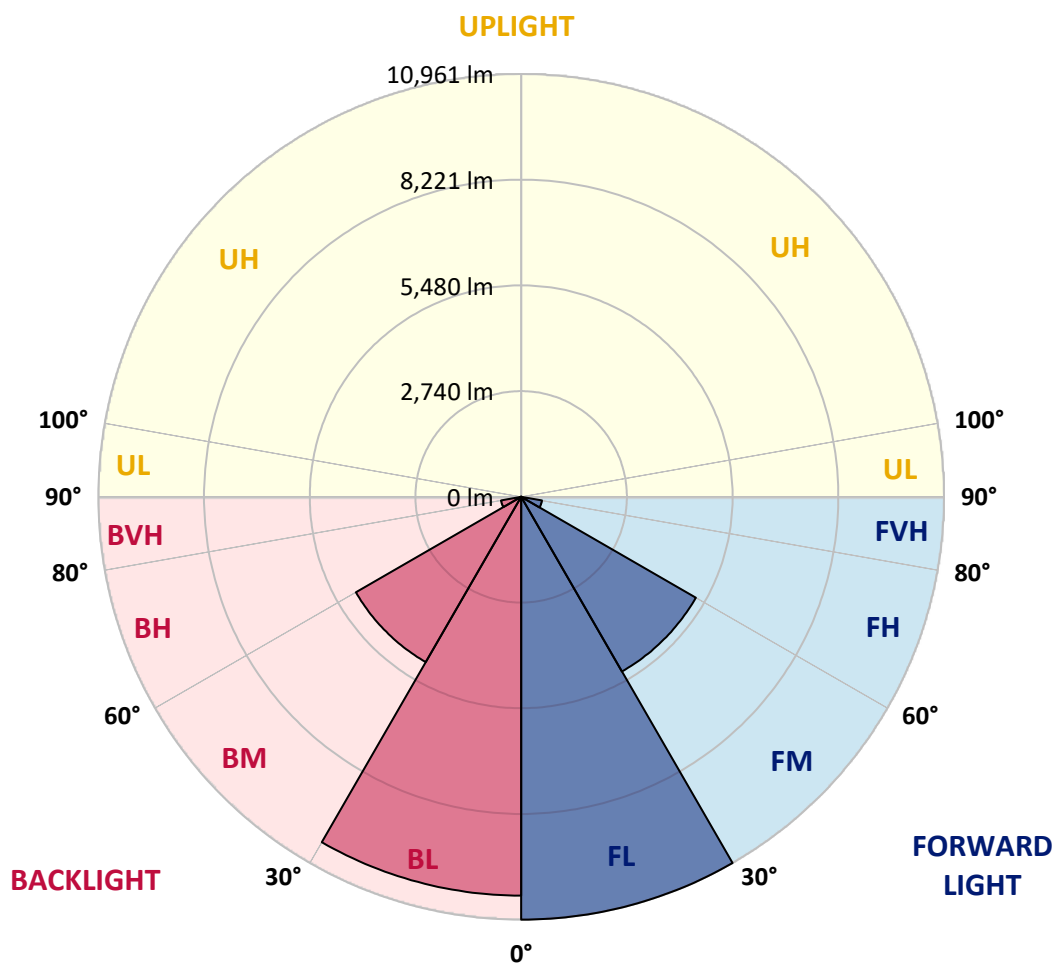
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	10960.7	33.6			
FM	(30°-60°)	5229.5	16.0			
FH	(60°-80°)	547.8	1.7			G0/660
FVH	(80°-90°)	17.1	0.1			G1/100
BL	(0°-30°)	10337.0	31.7	B5		
BM	(30°-60°)	4947.2	15.2	B3/5000		
BH	(60°-80°)	530.6	1.6	B2/1000		G0/660
BVH	(80°-90°)	18.9	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6
1°	44154.7	44088.8	44029.9	43981.4	43932.8	43894.7	43853.1	43808.1	43804.6	43815.0	43842.7
2°	43991.8	43870.4	43787.3	43721.4	43655.5	43572.3	43503.0	43433.7	43409.4	43419.8	43423.3
3°	43686.7	43541.1	43416.4	43319.3	43222.2	43125.2	43021.2	42951.9	42906.8	42903.3	42924.1
4°	43260.4	43059.3	42910.3	42813.2	42688.4	42587.9	42445.8	42359.1	42321.0	42324.4	42352.2
5°	42747.3	42553.2	42369.5	42210.1	42061.0	41943.1	41776.8	41669.3	41631.2	41665.8	41735.2
6°	42196.2	41977.8	41769.8	41554.9	41340.0	41173.6	40983.0	40858.2	40847.8	40941.4	41097.3
7°	41652.0	41402.4	41135.5	40833.9	40532.3	40317.4	40130.2	40002.0	40005.4	40158.0	40417.9
8°	41166.7	40854.7	40490.7	40074.8	39669.2	39385.0	39142.3	39041.8	39104.2	39343.4	39735.1
9°	40667.5	40303.5	39821.7	39260.2	38726.3	38355.4	38067.7	37988.0	38095.5	38445.6	38989.8
10°	40137.2	39703.9	39100.7	38407.4	37741.9	37267.0	36889.2	36837.2	37020.9	37488.8	38144.0
11°	39520.1	39041.8	38313.8	37495.8	36681.2	36064.2	35644.7	35592.7	35873.5	36438.5	37228.9
12°	38781.8	38234.1	37464.6	36494.0	35575.4	34819.7	34290.1	34271.4	34624.2	35308.5	36171.6
13°	37904.8	37319.0	36466.3	35402.1	34363.2	33457.5	32839.1	32841.8	33292.8	34066.2	34989.6
14°	36910.0	36237.5	35312.0	34220.1	33042.5	32018.2	31321.8	31336.0	31878.5	32716.3	33683.1
15°	35811.1	35090.1	34001.0	32913.2	31668.5	30509.0	29719.3	29770.3	30352.6	31262.5	32244.6
16°	34663.8	33785.7	32633.2	31510.0	30171.7	28932.4	28088.0	28122.0	28749.4	29735.3	30706.2
17°	33450.9	32431.4	31182.8	30001.1	28583.7	27281.4	26436.3	26480.0	27102.9	28089.4	29095.7
18°	32188.1	31052.8	29684.0	28412.1	26950.0	25634.5	24798.1	24791.2	25409.6	26395.1	27425.3
19°	30879.2	29617.8	28112.3	26728.5	25265.4	23956.5	23160.6	23145.0	23700.6	24596.4	25679.6
20°	29496.4	28087.7	26473.1	25020.6	23582.4	22321.7	21534.2	21505.4	21986.2	22762.6	23837.9
21°	27957.0	26416.6	24734.0	23289.5	21869.7	20678.3	19896.6	19851.9	20257.8	20913.7	21911.7
22°	26239.8	24691.0	22960.9	21534.5	20182.6	19023.8	18292.1	18221.0	18586.0	19089.7	19983.3
23°	24370.0	22814.6	21142.1	19751.4	18474.4	17390.8	16705.8	16601.9	16896.2	17309.0	18081.7
24°	22386.5	20897.0	19330.2	18002.3	16818.2	15825.4	15191.0	15074.6	15276.7	15585.9	16296.5
25°	20396.5	19036.6	17580.4	16337.0	15236.5	14373.3	13835.0	13657.9	13769.1	14005.2	14643.0
26°	18384.6	17183.5	15875.3	14737.3	13769.1	13067.5	12628.7	12432.2	12418.6	12602.4	13141.4
27°	16441.7	15442.4	14296.7	13272.4	12478.6	11956.6	11609.6	11398.1	11290.3	11383.2	11872.3
28°	14627.4	13826.7	12877.2	11993.3	11347.2	10995.7	10745.4	10515.9	10347.5	10384.2	10787.7
29°	13076.9	12448.4	11660.5	10907.6	10415.4	10185.6	10020.6	9790.8	9570.0	9554.7	9913.1
30°	11796.4	11282.4	10642.8	9993.6	9616.4	9510.3	9417.8	9180.7	8942.6	8882.9	9193.5
31°	10790.1	10374.2	9795.3	9229.2	8952.6	8950.2	8908.6	8683.3	8417.7	8330.0	8624.3
32°	10005.0	9641.0	9095.4	8611.2	8407.7	8477.0	8485.0	8246.2	7982.4	7872.1	8149.8
33°	9402.5	9067.0	8530.7	8085.0	7946.0	8072.8	8111.0	7872.1	7608.7	7473.5	7747.3
34°	8925.6	8611.9	8065.9	7638.2	7536.6	7717.5	7788.9	7541.8	7272.5	7134.8	7410.4
35°	8540.1	8230.2	7674.9	7245.8	7175.4	7388.2	7481.5	7231.9	6960.8	6819.7	7107.8
36°	8219.8	7905.1	7337.3	6890.1	6852.7	7089.8	7189.3	6944.2	6673.1	6533.8	6824.9
37°	7943.5	7611.8	7035.4	6579.5	6557.7	6803.5	6909.5	6678.7	6385.4	6247.4	6560.5
38°	7687.0	7330.0	6758.4	6296.7	6282.1	6523.7	6643.7	6412.8	6097.7	5961.1	6296.0
39°	7426.0	7049.9	6489.4	6021.1	6005.8	6240.9	6377.8	6146.6	5807.2	5665.8	6031.1
40°	7145.9	6769.5	6207.2	5738.2	5730.6	5942.1	6111.6	5860.6	5525.7	5377.4	5745.9
41°	6854.1	6480.4	5909.1	5453.0	5447.4	5640.1	5806.9	5580.2	5228.0	5093.8	5453.0
42°	6539.3	6174.0	5602.0	5165.6	5157.3	5317.8	5487.3	5276.9	4928.5	4806.8	5157.3
43°	6207.9	5849.5	5300.4	4869.2	4864.4	4985.3	5171.5	4987.4	4623.5	4511.5	4861.2
44°	5860.9	5511.9	4990.5	4582.2	4570.8	4663.7	4858.5	4698.0	4317.4	4222.0	4584.6

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CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	5483.5	5170.8	4684.1	4296.9	4292.4	4362.4	4560.4	4417.9	4029.0	3947.2	4314.3
46°	5100.8	4836.3	4378.0	4020.0	4018.9	4066.4	4237.6	4110.4	3736.4	3710.1	4060.9
47°	4729.2	4504.6	4079.2	3747.2	3713.5	3742.3	3893.8	3745.8	3373.8	3442.8	3781.1
48°	4382.2	4186.0	3764.1	3439.0	3395.3	3439.0	3569.7	3379.5	3010.0	3115.5	3437.8
49°	4014.1	3832.1	3393.3	3108.4	3108.5	3139.8	3266.2	3023.8	2687.5	2789.1	3057.1
50°	3675.4	3463.2	3081.3	2783.5	2821.7	2885.5	3000.0	2714.6	2349.6	2380.2	2717.6
51°	3409.6	3063.9	2771.3	2458.6	2535.0	2632.5	2785.2	2496.3	2090.3	2057.0	2390.1
52°	3079.6	2787.7	2461.3	2234.7	2315.9	2430.9	2594.1	2332.4	1906.9	1794.3	2157.9
53°	2781.4	2511.6	2217.2	2065.8	2107.3	2214.8	2419.3	2198.4	1747.1	1587.1	2012.8
54°	2484.2	2323.4	2046.5	1952.1	1915.6	1997.9	2221.5	2091.7	1612.6	1386.8	1855.8
55°	2278.3	2081.9	1868.4	1825.9	1766.0	1813.9	2046.1	1961.8	1489.1	1214.2	1680.3
56°	2043.1	1877.3	1718.2	1676.3	1663.6	1673.7	1896.8	1838.1	1372.5	1076.5	1500.6
57°	1816.8	1713.9	1570.3	1546.1	1570.8	1544.0	1745.1	1706.7	1280.5	983.5	1350.0
58°	1598.4	1556.4	1438.2	1422.9	1443.4	1396.5	1596.4	1611.0	1189.3	915.6	1216.6
59°	1445.8	1436.5	1324.4	1300.9	1343.3	1272.1	1463.6	1470.9	1077.3	854.4	1107.0
60°	1293.5	1351.9	1221.2	1189.3	1235.5	1117.7	1352.1	1330.7	990.2	799.2	1013.4
61°	1156.6	1234.5	1108.4	1091.9	1120.6	992.8	1232.8	1236.8	935.7	753.5	925.8
62°	1033.6	1105.0	1005.0	1000.2	1019.5	919.6	1126.4	1148.6	866.6	707.8	851.7
63°	930.9	991.3	918.3	917.3	933.8	856.5	1044.7	1059.6	800.4	662.1	788.6
64°	833.7	907.5	843.3	844.7	858.6	784.1	958.8	957.6	737.5	622.5	729.5
65°	751.3	821.0	779.4	778.8	785.1	718.6	874.1	866.1	674.7	585.0	670.5
66°	682.0	743.8	715.6	715.7	716.2	659.8	793.8	783.8	619.5	546.8	615.8
67°	618.9	674.3	654.8	655.6	650.0	608.2	713.6	701.5	565.5	509.3	560.9
68°	559.8	606.7	593.3	594.2	585.4	557.8	633.4	619.5	512.9	473.2	507.2
69°	505.1	543.9	530.2	532.6	524.6	506.6	564.1	552.8	465.5	436.7	462.5
70°	451.9	483.7	473.4	474.9	467.7	458.5	508.7	496.7	422.4	401.2	445.2
71°	405.2	430.3	431.2	421.7	416.6	414.4	489.0	445.4	383.1	365.6	423.1
72°	359.9	382.0	422.7	374.3	369.7	372.7	436.8	397.2	345.8	331.1	380.4
73°	317.6	337.0	378.6	330.9	326.8	332.3	376.7	351.4	309.0	295.1	325.6
74°	280.7	295.9	320.6	292.6	289.3	295.1	322.8	308.8	274.1	261.2	281.5
75°	243.9	254.8	274.9	254.3	251.9	258.1	278.1	268.3	240.7	229.5	243.4
76°	207.2	213.7	229.3	216.0	214.6	221.0	240.5	231.7	208.9	199.0	208.0
77°	176.1	178.7	183.8	181.4	182.5	188.4	207.2	197.8	179.4	170.0	176.7
78°	145.2	144.7	153.4	150.8	154.1	158.9	178.4	166.6	152.0	141.0	148.4
79°	114.5	115.6	126.6	123.9	127.8	131.2	150.1	137.7	126.7	115.8	124.2
80°	89.2	89.9	100.8	99.9	102.3	106.2	122.1	112.0	103.1	93.9	101.7
81°	68.0	68.1	76.3	79.6	83.0	86.2	99.3	92.6	84.2	76.4	82.2
82°	50.5	51.8	58.4	59.6	63.5	67.5	80.2	73.1	65.3	58.9	62.8
83°	36.0	36.3	39.7	41.6	45.9	50.3	61.2	53.7	46.5	41.6	43.4
84°	25.3	25.4	28.0	30.0	33.7	37.0	42.2	39.3	34.5	30.3	30.1
85°	14.6	14.7	16.3	18.7	21.9	25.0	26.7	27.1	23.1	19.8	18.3
86°	3.8	4.0	4.6	7.3	10.0	14.9	14.3	14.5	12.3	10.6	9.4
87°	1.1	1.2	1.2	1.8	3.1	4.7	5.5	5.5	4.8	4.3	4.0
88°	0.5	0.5	0.5	0.6	0.8	1.1	1.4	1.4	1.6	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

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CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440359
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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: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6	44109.6
1°	43877.4	43950.2	43981.4	44057.6	44109.6	44172.0	44220.6	44244.8	44237.9	44265.6	44276.0
2°	43482.2	43582.7	43683.3	43818.5	43977.9	44120.0	44244.8	44317.6	44352.3	44328.0	44293.3
3°	42993.5	43094.0	43253.4	43454.5	43704.1	43946.7	44189.4	44289.9	44345.3	44300.3	44192.8
4°	42435.4	42560.2	42747.3	43000.4	43354.0	43700.6	44047.2	44203.2	44279.5	44161.6	43957.1
5°	41863.4	42005.5	42199.7	42487.4	42917.2	43374.8	43811.5	44050.7	44127.0	43939.8	43645.1
6°	41291.5	41437.1	41634.6	41974.3	42435.4	42972.7	43499.5	43811.5	43860.0	43641.7	43250.0
7°	40688.3	40899.8	41118.1	41447.4	41922.3	42501.2	43097.4	43457.9	43503.0	43236.1	42806.3
8°	40109.4	40379.8	40622.5	40955.2	41409.3	41988.2	42608.7	43017.7	43073.2	42768.1	42296.7
9°	39488.9	39811.3	40123.3	40456.1	40879.0	41409.3	42029.8	42449.2	42504.7	42203.1	41735.2
10°	38757.5	39156.2	39523.6	39915.3	40289.7	40750.7	41326.1	41766.4	41839.2	41548.0	41184.0
11°	37929.1	38379.7	38826.9	39287.9	39669.2	40002.0	40497.7	40927.5	41031.5	40799.2	40573.9
12°	36955.0	37440.3	37963.7	38560.0	38958.6	39197.8	39565.2	39960.4	40092.1	39967.3	39915.3
13°	35825.0	36334.5	36955.0	37703.8	38161.3	38251.5	38542.6	38896.2	39034.9	39031.4	39177.0
14°	34563.9	35142.1	35804.2	36702.0	37211.5	37253.1	37395.3	37714.2	37870.2	38008.8	38341.6
15°	33220.0	33884.2	34594.4	35561.5	36157.8	36137.0	36168.2	36400.4	36629.2	36892.6	37391.8
16°	31811.6	32607.5	33309.8	34271.4	34885.6	34854.4	34826.7	34961.9	35253.0	35689.8	36310.3
17°	30368.6	31330.5	32039.7	32871.6	33464.0	33477.9	33350.0	33389.9	33764.6	34336.9	35027.7
18°	28827.8	29994.2	30712.4	31392.5	31899.3	31956.9	31749.2	31710.4	32133.0	32907.7	33592.6
19°	27175.3	28509.9	29298.2	29831.6	30191.4	30286.1	30018.1	29920.4	30408.8	31305.9	31972.5
20°	25379.8	26842.6	27693.6	28144.9	28342.1	28484.2	28179.6	28048.9	28558.1	29545.7	30250.0
21°	23457.0	24964.1	25888.3	26275.8	26375.3	26593.7	26257.1	26135.1	26656.4	27691.5	28381.3
22°	21448.2	22958.8	23921.1	24257.7	24360.0	24597.4	24304.1	24198.1	24739.5	25741.3	26435.3
23°	19457.5	20897.4	21863.1	22124.8	22235.4	22551.5	22328.7	22266.3	22788.3	23748.8	24379.0
24°	17508.0	18844.6	19729.6	20037.4	20168.4	20483.5	20355.2	20326.1	20866.9	21721.3	22298.8
25°	15712.0	16842.4	17697.2	17985.6	18106.6	18517.0	18400.9	18421.4	18972.2	19740.0	20224.6
26°	14044.0	14983.8	15733.5	16050.0	16180.7	16510.7	16477.1	16555.1	17088.9	17765.5	18218.2
27°	12621.1	13401.0	14039.2	14339.4	14427.4	14695.7	14691.9	14809.4	15308.9	15908.9	16299.9
28°	11418.9	12046.3	12533.0	12791.6	12851.2	13020.1	13067.5	13213.5	13631.9	14156.0	14524.1
29°	10473.3	11011.3	11364.9	11523.6	11507.0	11581.5	11670.9	11865.4	12194.4	12598.2	12934.1
30°	9729.8	10194.3	10424.4	10462.9	10376.9	10398.4	10542.3	10765.5	11001.6	11258.4	11535.8
31°	9140.5	9577.6	9726.6	9635.1	9470.1	9467.7	9655.9	9898.9	10061.8	10168.3	10406.8
32°	8676.0	9082.9	9150.5	8958.5	8752.6	8727.6	8954.3	9212.2	9320.0	9323.9	9481.9
33°	8295.4	8682.9	8713.8	8425.4	8160.2	8151.5	8391.7	8667.3	8722.1	8634.7	8744.6
34°	7967.1	8365.8	8331.4	7987.9	7691.2	7679.8	7939.7	8222.6	8247.5	8086.4	8156.0
35°	7684.3	8094.0	8007.3	7613.9	7282.5	7285.6	7554.3	7843.7	7850.0	7636.1	7666.2
36°	7424.6	7848.6	7720.3	7281.1	6931.4	6941.4	7220.8	7523.8	7504.7	7247.8	7262.1
37°	7171.2	7608.7	7446.5	6979.2	6642.6	6657.2	6927.6	7228.4	7186.8	6906.1	6909.9
38°	6906.4	7356.7	7177.1	6705.0	6353.5	6373.3	6667.2	6962.2	6894.3	6595.1	6597.6
39°	6631.9	7096.0	6901.6	6431.2	6064.4	6089.0	6406.9	6698.8	6618.7	6302.2	6304.0
40°	6357.3	6819.1	6600.0	6157.0	5770.5	5800.6	6146.6	6424.6	6328.6	6013.8	6016.6
41°	6082.4	6530.3	6298.8	5857.5	5476.9	5512.2	5863.0	6135.8	6032.5	5727.5	5734.1
42°	5759.0	6240.9	5995.8	5535.8	5180.8	5220.0	5566.0	5833.6	5715.7	5431.1	5443.9
43°	5442.6	5920.2	5650.9	5212.7	4877.2	4926.8	5262.3	5506.3	5379.1	5136.5	5146.2
44°	5129.9	5594.4	5309.1	4874.4	4565.2	4625.5	4957.6	5175.0	5025.2	4828.7	4849.8

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4833.5	5278.9	4968.0	4544.8	4251.5	4301.8	4647.0	4850.8	4665.7	4518.1	4552.7
46°	4543.0	4974.2	4658.8	4238.3	3957.9	3988.8	4345.1	4537.5	4310.8	4197.8	4262.6
47°	4223.1	4630.4	4342.7	3964.8	3685.5	3687.9	4046.3	4250.8	3995.0	3891.7	3983.9
48°	3857.0	4274.7	3966.6	3627.2	3384.0	3365.6	3722.9	3940.2	3667.4	3603.3	3713.9
49°	3526.3	3951.0	3600.2	3242.9	3003.1	2979.0	3370.6	3619.2	3335.3	3301.8	3395.4
50°	3246.8	3731.6	3327.7	2898.4	2597.8	2636.8	2996.8	3286.0	3082.5	2998.4	3091.1
51°	2988.7	3452.4	3127.3	2615.0	2224.5	2340.4	2665.6	3044.7	2830.1	2695.0	2733.4
52°	2782.1	3166.0	2894.0	2304.0	1891.3	2029.6	2413.6	2804.2	2577.7	2391.6	2374.3
53°	2659.7	3002.3	2764.0	2151.0	1699.8	1830.2	2250.1	2563.8	2366.6	2171.6	2164.1
54°	2505.9	2851.1	2626.7	1976.7	1500.8	1683.7	2131.5	2349.7	2156.2	1994.4	2003.1
55°	2348.0	2653.6	2414.9	1789.7	1305.5	1550.9	2035.8	2154.8	1958.0	1844.8	1852.4
56°	2125.4	2429.8	2186.5	1613.1	1144.8	1441.8	1933.8	1994.7	1788.6	1728.9	1716.9
57°	1914.6	2195.5	1977.1	1445.9	1035.9	1353.7	1799.4	1821.7	1616.9	1621.6	1585.9
58°	1759.3	1993.8	1790.7	1296.1	961.5	1272.5	1667.4	1661.0	1442.1	1473.6	1466.5
59°	1592.7	1831.8	1617.5	1180.1	896.4	1160.8	1579.0	1535.4	1345.9	1351.9	1353.0
60°	1418.0	1656.0	1447.0	1092.9	838.4	1047.4	1445.3	1406.6	1214.6	1273.9	1248.6
61°	1275.4	1473.2	1290.6	988.7	784.5	961.7	1298.1	1271.6	1069.0	1168.9	1149.4
62°	1152.7	1312.9	1148.7	889.3	736.6	894.9	1188.3	1172.4	963.6	1062.3	1054.9
63°	1036.7	1165.6	1033.7	809.4	688.7	828.8	1102.8	1085.1	872.8	960.9	969.7
64°	948.3	1040.4	932.6	744.6	647.7	766.8	1004.1	996.7	794.6	876.0	889.1
65°	862.0	926.9	846.7	679.9	608.9	704.8	912.4	914.2	732.3	804.2	814.9
66°	782.3	833.4	771.0	627.9	570.5	643.0	828.9	836.1	675.1	735.7	747.7
67°	702.6	739.8	695.4	576.6	532.1	589.8	748.5	760.2	624.4	671.5	684.5
68°	623.2	646.6	619.8	525.2	494.3	542.8	668.5	686.9	575.1	609.3	620.8
69°	554.2	566.5	552.3	476.6	458.2	495.3	601.9	617.6	527.1	548.7	556.7
70°	485.4	497.2	490.2	437.5	422.7	449.6	539.3	552.1	480.4	491.5	496.8
71°	425.6	437.4	433.3	411.0	386.7	406.6	484.1	494.3	434.9	436.0	442.4
72°	371.9	383.7	382.2	392.0	351.2	367.6	433.1	455.6	393.1	388.2	393.7
73°	323.4	333.1	334.4	346.5	315.6	330.8	385.2	417.8	353.1	344.3	348.5
74°	277.7	287.2	288.9	294.6	280.1	294.7	339.8	360.2	314.9	306.3	309.9
75°	236.8	246.1	246.6	252.6	246.5	260.3	296.4	306.9	279.1	268.5	269.4
76°	201.4	209.6	210.1	214.9	214.8	227.7	254.5	264.4	243.2	230.6	228.8
77°	169.8	177.4	177.4	182.9	184.3	196.2	218.4	222.0	207.4	197.3	194.3
78°	141.0	148.6	147.6	154.7	154.4	166.2	185.2	188.7	176.0	167.3	162.4
79°	115.7	122.6	121.0	130.5	127.8	140.3	155.5	159.4	148.0	141.1	134.7
80°	93.2	99.2	97.5	107.2	104.4	115.9	127.8	130.6	120.9	115.1	110.0
81°	77.0	82.3	80.4	87.5	85.6	95.2	103.5	105.6	96.1	92.1	87.9
82°	60.7	65.4	63.2	67.8	66.9	74.5	84.7	85.0	76.3	72.2	66.6
83°	44.7	48.4	46.4	48.1	48.4	54.1	65.9	66.1	57.5	53.6	47.4
84°	35.9	39.3	37.7	34.7	38.4	42.1	47.2	48.1	43.7	39.7	32.4
85°	25.7	28.0	27.2	21.8	27.7	31.2	34.4	31.9	32.7	28.5	21.8
86°	13.3	14.3	15.1	11.7	16.0	19.5	21.4	20.4	21.0	17.3	11.3
87°	4.5	4.7	5.4	5.0	6.7	8.1	9.6	9.0	9.2	6.2	3.5
88°	2.1	2.2	2.2	2.2	2.4	2.8	3.2	2.6	2.7	1.6	0.9
89°	0.7	0.8	0.8	1.0	1.0	1.0	0.9	0.7	0.7	0.5	0.3

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440359
CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	44109.6	44109.6	44109.6
1°	44224.0	44206.7	44154.7
2°	44192.8	44088.8	43991.8
3°	44012.6	43839.2	43686.7
4°	43690.2	43444.1	43260.4
5°	43281.2	42962.3	42747.3
6°	42820.1	42449.2	42196.2
7°	42314.0	41929.3	41652.0
8°	41797.6	41423.2	41166.7
9°	41312.3	40944.8	40667.5
10°	40809.6	40452.6	40137.2
11°	40279.3	39904.9	39520.1
12°	39717.7	39270.6	38781.8
13°	39031.4	38469.8	37904.8
14°	38220.3	37551.2	36910.0
15°	37249.7	36514.8	35811.1
16°	36154.3	35398.6	34663.8
17°	34951.5	34206.9	33450.9
18°	33605.5	32953.8	32188.1
19°	32151.3	31662.6	30879.2
20°	30583.1	30311.7	29496.4
21°	28874.9	28803.2	27957.0
22°	27062.0	27111.6	26239.8
23°	25055.7	25254.6	24370.0
24°	22978.9	23224.7	22386.5
25°	20897.4	21161.9	20396.5
26°	18821.7	19052.9	18384.6
27°	16841.4	17020.6	16441.7
28°	14978.9	15089.1	14627.4
29°	13304.6	13382.6	13076.9
30°	11869.2	11942.0	11796.4
31°	10708.0	10840.7	10790.1
32°	9790.1	9982.1	10005.0
33°	9064.6	9322.1	9402.5
34°	8490.9	8814.6	8925.6
35°	8020.8	8402.1	8540.1
36°	7644.1	8072.5	8219.8
37°	7318.9	7787.9	7943.5
38°	7017.0	7524.5	7687.0
39°	6724.1	7253.7	7426.0
40°	6434.3	6964.3	7145.9
41°	6140.0	6668.3	6854.1
42°	5825.2	6360.8	6539.3
43°	5522.6	6047.8	6207.9
44°	5219.3	5714.0	5860.9

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4909.1	5368.4	5483.5
46°	4598.1	5015.8	5100.8
47°	4282.7	4672.3	4729.2
48°	3979.7	4330.5	4382.2
49°	3660.1	3968.0	4014.1
50°	3287.4	3597.8	3675.4
51°	2975.9	3196.9	3409.6
52°	2665.2	2914.0	3079.6
53°	2354.4	2634.3	2781.4
54°	2145.0	2354.7	2484.2
55°	1973.4	2181.9	2278.3
56°	1848.4	2011.3	2043.1
57°	1697.0	1812.3	1816.8
58°	1550.9	1638.3	1598.4
59°	1419.5	1492.3	1445.8
60°	1298.4	1333.6	1293.5
61°	1192.4	1193.6	1156.6
62°	1084.9	1086.7	1033.6
63°	981.3	986.4	930.9
64°	891.8	895.4	833.7
65°	812.8	809.8	751.3
66°	734.5	734.0	682.0
67°	658.2	670.2	618.9
68°	590.4	608.0	559.8
69°	526.6	548.7	505.1
70°	472.5	491.4	451.9
71°	423.6	439.2	405.2
72°	388.5	391.6	359.9
73°	371.6	344.7	317.6
74°	330.1	303.7	280.7
75°	275.9	262.8	243.9
76°	229.9	221.9	207.2
77°	198.1	186.6	176.1
78°	166.3	153.5	145.2
79°	134.6	123.0	114.5
80°	108.0	95.9	89.2
81°	82.7	72.1	68.0
82°	61.8	52.9	50.5
83°	44.1	38.6	36.0
84°	31.5	27.4	25.3
85°	19.0	16.3	14.6
86°	6.6	5.1	3.8
87°	1.6	1.3	1.1
88°	0.7	0.6	0.5
89°	0.3	0.3	0.3

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440359

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)