

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: P1440367

Luminaire Tested: XSF200-SFTR-6Hx6V-840-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440367
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-840-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30998.1 lumens
Efficiency: N/A
Efficacy: 154.2 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

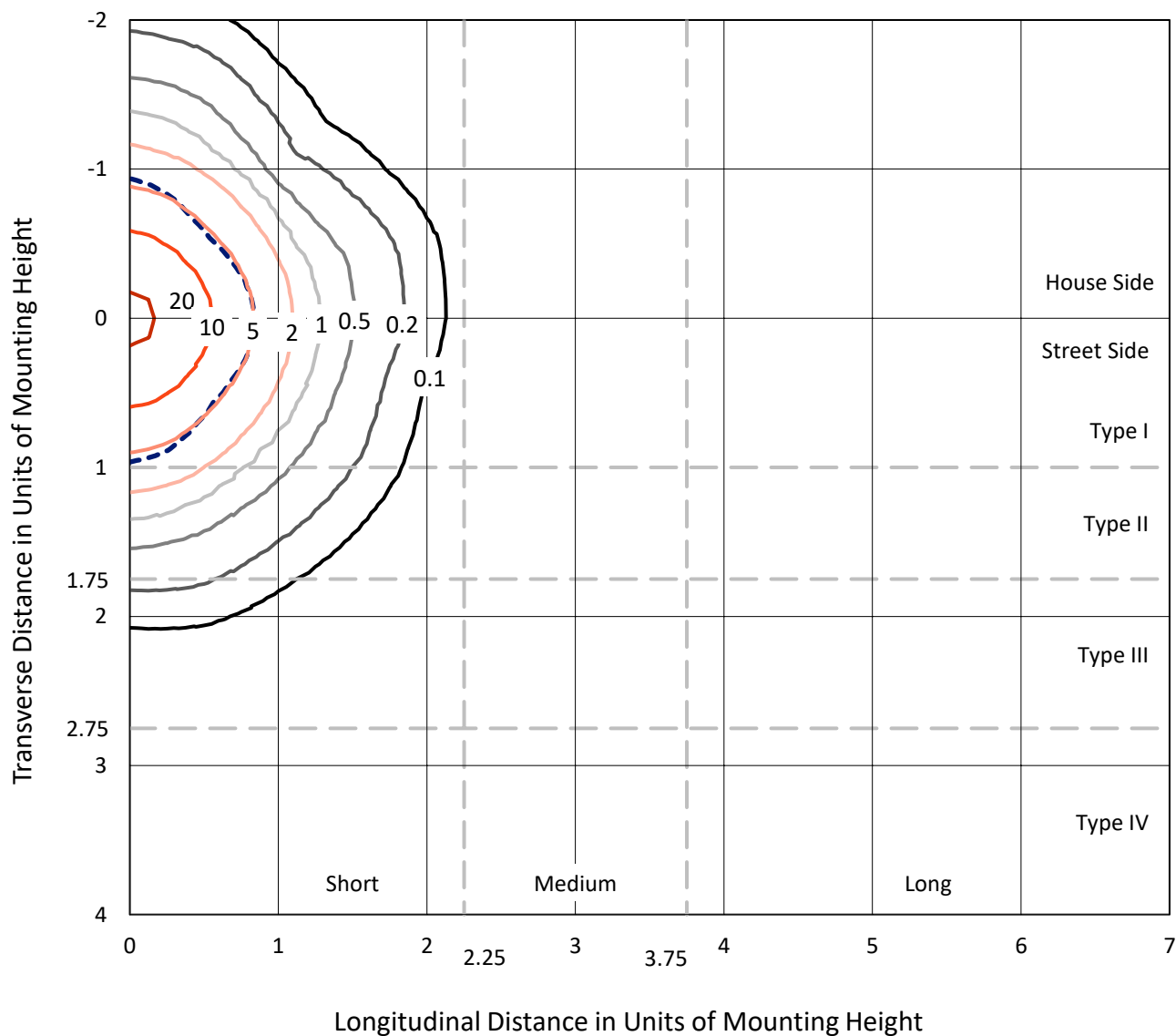
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



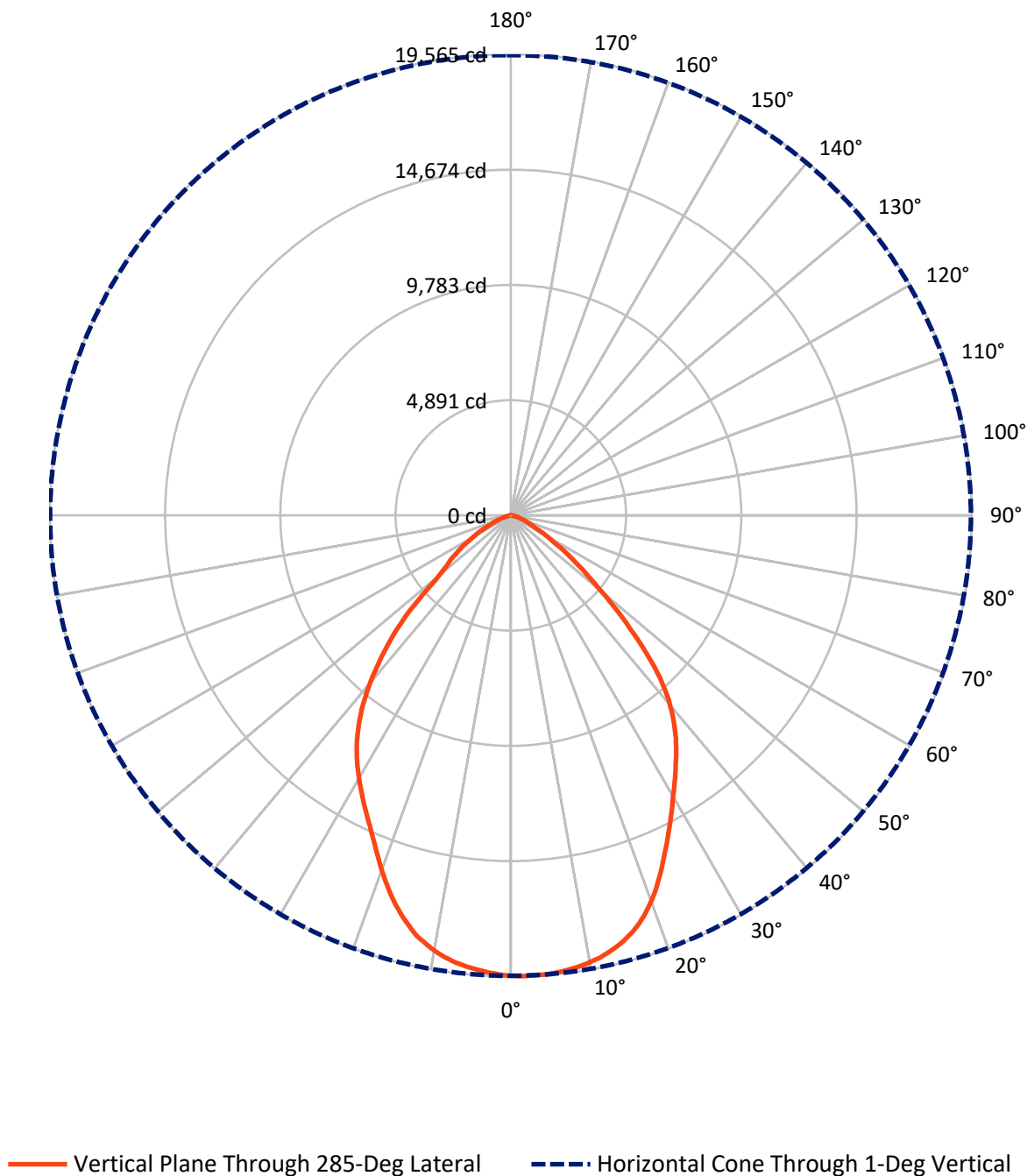
Based on 30 foot mounting height. Maximum calculated value = 21.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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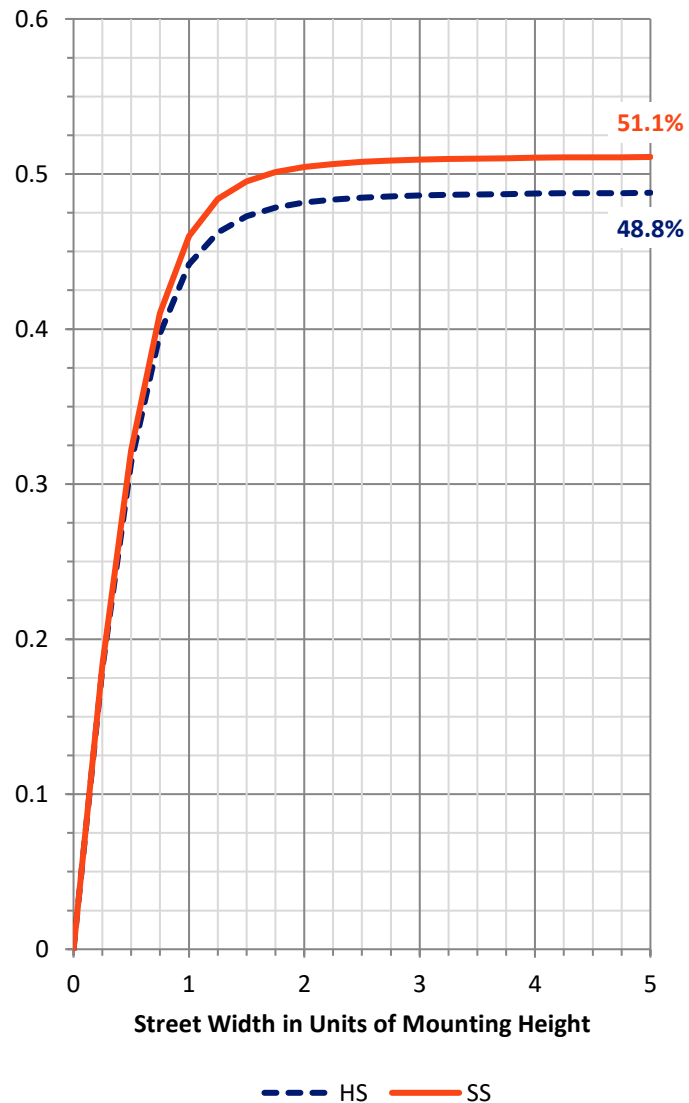
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15218.9	0.0	15218.9
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	15779.1	0.0	15779.1
	% Fixture	50.9	0.0	50.9
Total	Lumens	30998.1	0.0	30998.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1842.2	5.9
10°-20°	5108.9	16.5
20°-30°	6905.9	22.3
30°-40°	7351.9	23.7
40°-50°	5727.3	18.5
50°-60°	2636.4	8.5
60°-70°	1057.7	3.4
70°-80°	328.7	1.1
80°-90°	39.1	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°	30998.1	100.0
0°-180°	30998.1	100.0

Coefficient of Utilization



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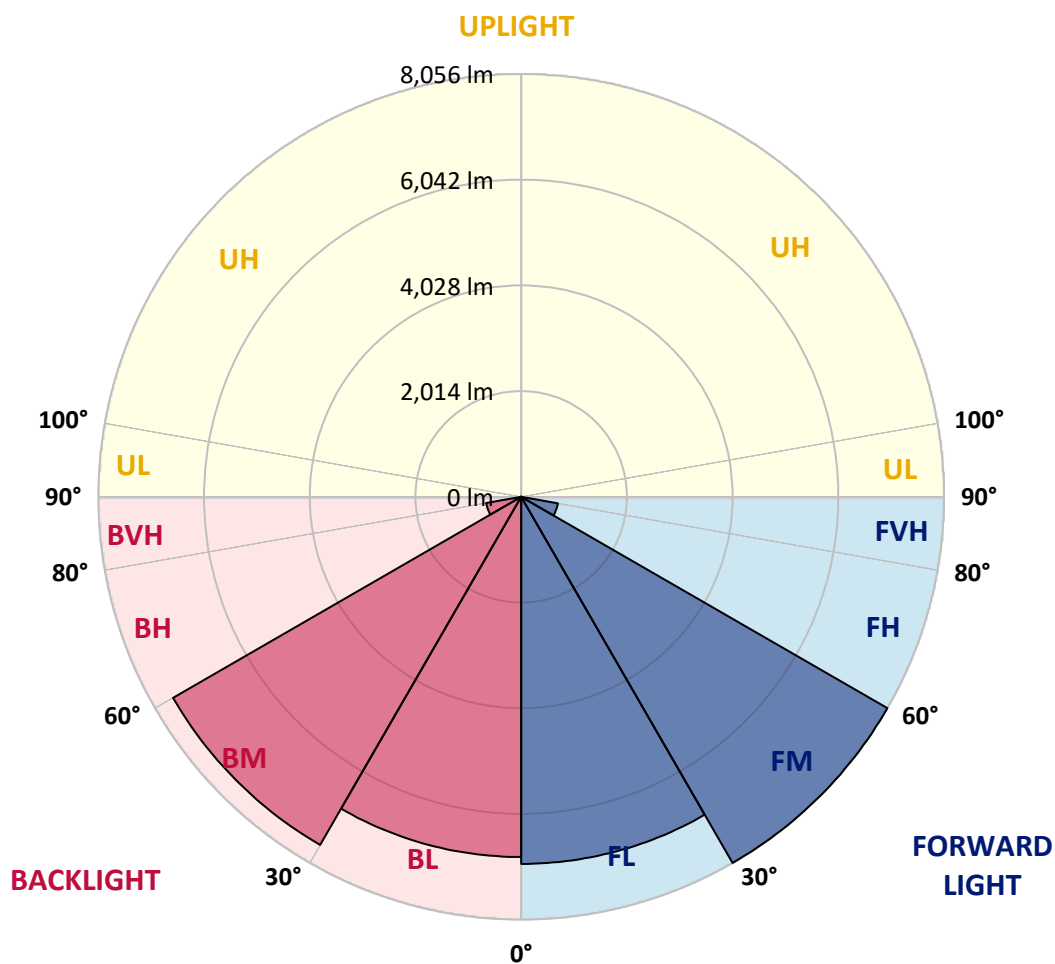
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	6994.5	22.6			
FM	(30°-60°)	8056.4	26.0			
FH	(60°-80°)	709.4	2.3			G1/1800
FVH	(80°-90°)	18.8	0.1			G1/100
BL	(0°-30°)	6862.5	22.1	B5		
BM	(30°-60°)	7659.3	24.7	B4/8500		
BH	(60°-80°)	676.9	2.2	B2/1000		G1/1800
BVH	(80°-90°)	20.3	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°	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6
1°	19542.9	19541.9	19539.5	19537.5	19526.0	19527.0	19529.7	19526.7	19532.1	19530.4	19535.8
2°	19538.5	19529.4	19518.3	19516.3	19511.6	19498.4	19494.7	19483.9	19492.0	19502.8	19508.2
3°	19526.0	19512.6	19498.1	19483.6	19468.5	19458.0	19439.5	19443.6	19449.3	19461.7	19471.5
4°	19497.4	19477.6	19457.0	19439.8	19419.3	19400.5	19389.0	19378.9	19391.4	19405.2	19414.3
5°	19460.0	19430.8	19411.6	19377.6	19352.0	19334.5	19318.3	19314.3	19318.7	19330.4	19351.3
6°	19409.9	19377.9	19336.8	19307.9	19279.3	19260.4	19247.3	19247.0	19242.6	19252.0	19284.0
7°	19344.9	19312.6	19273.2	19231.8	19199.1	19176.6	19174.2	19167.8	19167.2	19176.9	19208.2
8°	19292.4	19246.3	19195.8	19153.7	19108.9	19082.3	19078.6	19073.6	19080.3	19095.5	19127.1
9°	19225.1	19166.8	19112.6	19065.5	19008.9	18979.3	18959.8	18959.1	18965.9	18986.7	19033.5
10°	19143.6	19081.3	19016.4	18955.8	18895.2	18854.8	18823.5	18826.1	18845.3	18867.2	18908.3
11°	19049.0	18972.3	18896.2	18826.5	18766.9	18715.4	18674.0	18669.3	18692.8	18731.5	18777.3
12°	18929.2	18847.0	18765.2	18681.1	18617.1	18550.4	18503.3	18488.8	18523.2	18567.9	18625.8
13°	18795.2	18708.3	18618.1	18522.2	18436.0	18363.6	18304.0	18303.7	18331.6	18384.5	18445.7
14°	18647.1	18545.4	18443.7	18341.4	18243.4	18151.8	18072.4	18067.4	18104.4	18173.4	18232.0
15°	18472.0	18359.2	18248.1	18139.7	18022.2	17908.1	17814.2	17801.7	17850.6	17936.1	17993.0
16°	18263.6	18136.7	18015.8	17909.1	17768.4	17643.2	17533.1	17523.3	17572.8	17659.7	17723.3
17°	18023.3	17899.7	17758.0	17646.5	17481.9	17345.2	17228.8	17223.0	17269.5	17354.3	17431.1
18°	17765.7	17627.7	17484.6	17344.9	17165.5	17032.5	16898.9	16895.8	16945.3	17026.1	17110.9
19°	17482.6	17331.1	17192.1	17026.1	16837.9	16695.9	16561.5	16553.5	16594.2	16678.0	16776.7
20°	17186.7	17033.5	16868.9	16671.3	16484.1	16339.0	16217.5	16195.6	16225.2	16301.3	16424.5
21°	16885.1	16715.7	16543.4	16306.4	16108.8	15978.1	15872.4	15833.7	15826.6	15909.5	16031.3
22°	16571.0	16376.1	16171.4	15913.5	15710.5	15613.6	15517.6	15460.7	15432.8	15510.9	15640.1
23°	16233.0	16014.8	15779.5	15501.8	15307.5	15255.0	15185.7	15105.9	15029.8	15078.3	15225.7
24°	15895.0	15667.4	15388.7	15089.7	14911.6	14914.0	14882.7	14772.6	14645.7	14651.8	14846.0
25°	15579.9	15346.6	15016.0	14686.8	14526.9	14594.2	14606.6	14452.1	14263.9	14232.6	14473.3
26°	15293.7	15042.9	14650.1	14286.2	14146.8	14288.9	14338.0	14155.9	13901.4	13846.2	14106.1
27°	15023.8	14752.4	14298.3	13891.3	13788.3	13994.6	14071.7	13870.1	13556.3	13453.3	13744.2
28°	14761.2	14461.9	13943.5	13509.5	13445.2	13706.8	13811.5	13591.0	13210.6	13076.3	13399.4
29°	14524.8	14181.5	13612.9	13142.2	13101.5	13424.7	13556.3	13309.9	12877.6	12704.9	13055.4
30°	14305.4	13914.8	13278.3	12776.0	12756.5	13145.3	13305.5	13032.2	12551.8	12342.7	12718.4
31°	14076.4	13647.9	12948.3	12421.2	12428.9	12864.9	13042.3	12748.4	12246.4	12004.7	12395.6
32°	13854.6	13393.7	12624.8	12083.5	12105.4	12588.5	12768.6	12460.9	11946.8	11667.7	12082.8
33°	13648.6	13153.4	12305.0	11744.2	11790.6	12289.9	12485.1	12163.6	11642.8	11340.9	11774.1
34°	13443.2	12919.1	12000.7	11408.9	11462.4	11989.9	12183.1	11849.2	11331.8	11011.0	11464.4
35°	13232.1	12685.8	11692.7	11061.1	11122.0	11663.7	11861.3	11510.2	10991.1	10673.3	11145.3
36°	13019.0	12441.7	11386.3	10697.2	10788.8	11321.7	11503.8	11157.7	10615.7	10312.4	10806.6
37°	12789.1	12173.0	11067.8	10340.4	10445.1	10971.2	11129.8	10789.8	10219.2	9908.4	10439.3
38°	12530.6	11856.9	10746.4	9999.7	10091.6	10586.1	10737.6	10398.3	9792.3	9474.5	10036.4
39°	12217.2	11500.8	10395.2	9633.4	9712.5	10179.1	10321.5	9972.1	9355.7	9031.2	9621.3
40°	11830.3	11115.0	9990.9	9236.5	9303.2	9723.3	9881.2	9524.7	8908.6	8585.1	9168.2
41°	11414.6	10690.8	9539.1	8809.0	8869.2	9240.9	9386.0	9073.2	8440.7	8129.6	8693.2
42°	10922.8	10217.5	9056.1	8355.8	8400.3	8708.0	8851.4	8572.3	7938.1	7655.3	8195.3
43°	10378.7	9702.8	8558.8	7878.8	7925.9	8147.8	8312.4	8085.9	7428.1	7156.4	7696.0
44°	9809.8	9134.5	8055.6	7394.7	7436.5	7599.1	7784.9	7586.6	6939.9	6717.7	7229.8

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CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	9167.2	8552.8	7534.1	6908.3	6958.4	7085.0	7272.9	7118.7	6451.8	6278.7	6796.5
46°	8510.7	7969.7	7013.0	6440.3	6494.9	6578.0	6717.1	6552.4	5960.3	5839.8	6363.2
47°	7868.4	7405.5	6497.9	5982.2	5973.1	6002.7	6161.6	5984.5	5319.0	5381.3	5925.6
48°	7256.7	6851.7	5954.6	5448.9	5417.3	5465.8	5606.1	5349.3	4687.1	4812.7	5338.2
49°	6611.7	6241.7	5313.9	4862.2	4869.9	4947.0	5079.3	4709.3	4121.9	4242.1	4686.8
50°	6009.1	5595.4	4666.9	4231.6	4357.2	4438.0	4632.9	4172.7	3521.0	3522.0	4104.0
51°	5547.2	4920.7	4128.9	3709.5	3914.5	4058.9	4282.8	3809.5	3075.7	2957.2	3542.5
52°	5010.9	4297.6	3706.8	3331.0	3527.0	3719.2	3968.4	3538.1	2761.5	2510.9	3163.1
53°	4284.5	3909.1	3302.7	3114.3	3175.7	3360.5	3684.9	3326.2	2494.7	2165.1	2941.0
54°	3901.0	3613.9	3039.0	2899.1	2929.8	3059.6	3356.2	3164.8	2275.8	1832.8	2697.7
55°	3559.3	3207.2	2777.3	2683.9	2684.0	2758.8	3074.8	2955.7	2075.8	1552.9	2410.5
56°	3144.9	2906.0	2515.7	2439.5	2438.1	2458.0	2829.6	2749.0	1890.1	1324.2	2110.2
57°	2766.1	2608.2	2276.3	2235.9	2295.0	2248.6	2577.2	2540.1	1749.0	1190.1	1868.1
58°	2387.9	2310.4	2068.5	2044.2	2087.5	2001.1	2332.1	2393.1	1608.3	1097.7	1653.0
59°	2122.2	2119.8	1892.2	1855.2	1925.4	1794.8	2113.0	2158.9	1426.7	1019.8	1484.4
60°	1871.4	1993.3	1732.4	1682.0	1756.0	1538.3	1936.9	1925.8	1294.8	948.1	1338.8
61°	1638.3	1805.1	1554.0	1530.4	1576.0	1323.1	1739.0	1776.6	1220.4	885.8	1208.0
62°	1439.1	1588.8	1394.3	1387.8	1409.4	1211.2	1564.7	1635.8	1118.4	830.0	1094.3
63°	1277.5	1398.0	1251.3	1255.7	1272.9	1115.8	1428.5	1489.9	1016.5	777.9	996.3
64°	1118.8	1260.7	1133.9	1143.5	1157.3	1004.4	1283.7	1324.7	923.6	727.5	909.0
65°	989.7	1125.5	1033.5	1044.1	1045.5	904.4	1146.6	1176.1	839.3	677.0	824.2
66°	884.6	1003.1	933.5	949.9	943.3	818.8	1013.9	1037.6	764.7	627.5	750.7
67°	792.4	893.5	840.1	858.7	845.6	742.9	889.2	909.2	690.1	579.5	677.1
68°	710.0	789.6	752.3	766.2	751.2	672.0	788.6	809.8	615.5	534.6	603.6
69°	632.2	692.1	666.3	675.5	664.3	602.7	687.9	710.3	558.3	490.8	540.3
70°	561.1	604.4	582.9	593.7	587.9	539.0	588.2	611.7	507.3	449.7	485.1
71°	497.0	529.8	509.8	518.4	519.6	482.1	519.2	544.2	460.1	410.0	430.8
72°	437.4	463.9	444.1	456.9	457.7	430.5	457.9	481.0	413.7	370.3	381.0
73°	380.1	401.7	384.0	401.2	403.0	381.7	402.0	420.8	369.1	331.5	334.6
74°	330.1	346.7	330.5	351.7	351.5	336.6	349.2	366.7	326.9	294.3	292.5
75°	286.4	299.2	284.9	306.6	307.7	295.0	301.0	314.0	286.0	258.1	250.7
76°	242.9	251.8	239.4	260.7	262.4	253.4	256.0	266.3	247.0	224.7	210.7
77°	199.4	204.4	193.9	214.8	217.1	211.8	217.4	226.4	212.1	192.6	177.0
78°	161.6	162.6	159.5	177.0	183.2	179.5	184.3	190.7	179.2	160.2	147.4
79°	124.4	128.5	130.1	145.8	151.6	148.7	152.6	157.7	149.5	132.2	122.2
80°	94.4	99.0	102.8	118.5	121.0	120.8	121.7	129.1	122.4	108.9	100.3
81°	70.6	74.3	77.9	95.3	99.5	99.5	99.1	104.8	97.1	88.4	81.4
82°	52.5	58.4	61.4	72.6	77.3	79.6	80.2	84.0	77.4	67.9	62.4
83°	37.3	40.5	41.5	50.2	54.4	58.6	61.2	63.3	57.7	47.5	43.6
84°	24.1	28.2	29.1	30.5	36.3	40.2	42.4	42.6	38.1	32.4	29.6
85°	10.9	16.0	17.0	18.8	23.3	28.6	27.2	27.4	24.7	20.3	18.6
86°	3.5	3.8	4.9	7.5	10.4	17.0	15.2	15.1	13.3	10.9	10.1
87°	1.3	1.3	1.5	2.0	3.4	5.5	5.5	6.0	5.6	4.5	4.5
88°	0.5	0.5	0.5	0.6	0.8	1.1	1.3	1.3	1.5	1.6	2.0
89°	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.7	0.7	0.7

REPORT NUMBER: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440367

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



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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: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6	19547.6
1°	19539.5	19541.5	19547.2	19550.6	19549.6	19555.3	19549.6	19557.3	19565.4	19554.0	19554.0
2°	19523.3	19524.0	19530.1	19536.8	19545.2	19548.2	19550.9	19557.7	19552.0	19552.0	19549.9
3°	19485.6	19493.4	19505.8	19524.0	19536.1	19534.8	19549.6	19559.7	19543.9	19546.6	19542.9
4°	19430.8	19445.9	19461.1	19487.3	19504.5	19514.9	19528.4	19533.4	19537.1	19529.4	19537.1
5°	19369.8	19396.1	19424.0	19443.9	19467.1	19485.0	19503.1	19522.7	19514.9	19515.9	19521.7
6°	19310.2	19335.5	19365.1	19389.0	19422.7	19441.2	19459.4	19470.5	19473.9	19486.6	19492.0
7°	19241.6	19278.3	19312.3	19333.8	19362.4	19381.3	19400.1	19417.3	19424.7	19432.1	19439.5
8°	19166.2	19205.9	19239.9	19268.8	19302.5	19319.7	19335.8	19358.0	19369.2	19379.6	19371.8
9°	19068.2	19114.3	19156.7	19187.7	19225.1	19245.6	19261.1	19285.3	19303.5	19306.9	19298.8
10°	18954.7	19002.5	19050.0	19089.4	19136.2	19157.4	19182.0	19210.9	19219.7	19232.1	19231.1
11°	18822.1	18865.2	18912.3	18970.9	19028.8	19064.8	19091.1	19122.1	19140.6	19143.9	19152.4
12°	18672.3	18709.7	18773.0	18832.5	18888.4	18949.0	18983.7	19002.9	19020.1	19041.3	19052.0
13°	18486.5	18539.3	18603.6	18681.7	18742.0	18810.0	18835.2	18864.9	18889.4	18916.7	18933.2
14°	18276.1	18342.1	18407.4	18500.6	18578.4	18630.9	18673.3	18708.0	18742.7	18782.0	18804.9
15°	18038.4	18107.7	18184.8	18294.9	18392.5	18449.1	18479.4	18525.9	18566.3	18619.1	18650.8
16°	17780.2	17847.9	17937.7	18055.9	18168.0	18222.2	18263.6	18314.4	18374.0	18439.0	18466.9
17°	17493.4	17568.8	17667.8	17795.7	17912.8	17961.6	18016.2	18071.1	18144.1	18223.2	18270.3
18°	17185.0	17277.6	17387.7	17513.9	17620.6	17676.8	17723.6	17792.6	17879.5	17989.9	18038.7
19°	16862.5	16969.2	17086.4	17210.9	17301.1	17355.3	17401.5	17482.3	17584.6	17710.5	17771.8
20°	16512.1	16623.1	16753.8	16882.7	16948.7	16997.8	17052.4	17142.3	17263.8	17401.1	17483.9
21°	16139.4	16257.6	16387.5	16526.5	16582.1	16612.4	16665.9	16785.1	16913.7	17057.8	17161.1
22°	15788.6	15935.4	16049.2	16143.1	16176.8	16190.2	16275.4	16400.6	16529.6	16687.1	16811.0
23°	15445.9	15642.2	15746.5	15774.5	15754.9	15751.2	15857.6	16012.5	16148.1	16288.9	16428.2
24°	15128.4	15370.5	15464.4	15424.7	15312.3	15296.1	15436.8	15627.0	15762.3	15873.8	16010.1
25°	14853.7	15130.8	15193.4	15070.5	14873.9	14848.7	15012.6	15230.1	15385.6	15453.0	15587.0
26°	14578.7	14898.5	14941.9	14722.5	14438.3	14418.8	14608.0	14869.2	15013.7	15039.6	15167.8
27°	14305.7	14682.4	14688.5	14384.1	14017.5	13994.6	14231.3	14513.1	14650.8	14633.2	14737.3
28°	14031.0	14469.6	14441.0	14047.1	13624.0	13592.3	13872.4	14193.9	14303.0	14232.6	14300.0
29°	13770.1	14255.2	14192.6	13712.5	13237.5	13198.5	13521.0	13874.4	13952.6	13846.8	13885.6
30°	13525.3	14040.4	13947.8	13370.5	12852.4	12820.1	13192.7	13559.0	13623.6	13465.1	13464.8
31°	13275.9	13825.0	13705.1	13034.5	12478.7	12455.2	12871.6	13261.4	13310.2	13089.4	13063.8
32°	13033.2	13611.2	13471.5	12702.3	12117.2	12109.1	12556.5	12965.8	13000.5	12715.4	12670.9
33°	12786.8	13400.8	13226.1	12378.7	11769.4	11785.6	12244.1	12684.1	12687.1	12343.4	12296.6
34°	12533.3	13199.5	12969.2	12064.0	11427.0	11466.4	11941.4	12397.6	12392.5	11978.5	11920.6
35°	12269.0	12996.5	12706.3	11740.8	11087.4	11141.9	11625.7	12101.0	12090.2	11611.2	11548.9
36°	11990.6	12767.2	12421.5	11396.7	10742.6	10815.7	11301.5	11801.7	11774.5	11249.3	11183.0
37°	11681.2	12491.2	12108.1	11053.7	10388.2	10473.0	10982.7	11496.7	11442.2	10890.4	10822.1
38°	11322.0	12162.6	11760.3	10680.7	10017.5	10109.8	10655.5	11174.2	11090.1	10518.4	10462.6
39°	10916.4	11790.3	11365.1	10274.0	9629.0	9719.9	10304.7	10833.9	10722.1	10134.0	10085.2
40°	10461.2	11362.4	10917.7	9833.0	9203.2	9303.2	9914.5	10447.7	10325.2	9739.8	9704.8
41°	9972.4	10891.4	10408.4	9362.7	8756.1	8866.2	9487.3	10004.1	9875.8	9314.9	9296.4
42°	9442.9	10370.0	9845.2	8843.6	8287.8	8407.7	9024.8	9517.3	9379.6	8868.2	8854.1
43°	8898.8	9808.8	9257.7	8290.2	7794.7	7934.7	8527.5	8981.0	8829.2	8398.9	8368.6
44°	8379.1	9263.8	8677.0	7728.3	7267.8	7432.1	8020.9	8424.2	8233.3	7891.9	7874.8

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	7859.6	8722.4	8093.9	7175.6	6783.7	6917.0	7493.0	7864.7	7620.3	7364.8	7375.5
46°	7372.5	8207.4	7559.3	6670.9	6299.3	6402.3	6987.0	7318.0	6992.4	6821.1	6881.7
47°	6802.2	7599.7	6962.5	6166.6	5815.2	5887.2	6480.7	6822.8	6446.4	6294.2	6405.7
48°	6231.6	7096.8	6365.6	5657.3	5296.4	5326.4	5972.7	6274.7	5879.2	5804.1	5943.8
49°	5661.7	6594.2	5771.8	4977.3	4614.0	4644.0	5342.2	5721.3	5297.1	5278.9	5383.9
50°	5176.6	6091.6	5297.4	4394.6	3895.6	4036.4	4681.0	5133.8	4759.8	4725.1	4749.7
51°	4734.9	5603.1	4965.5	3916.2	3248.4	3519.3	4101.7	4600.6	4324.2	4166.0	4107.1
52°	4395.6	5109.2	4568.6	3404.8	2667.5	2975.2	3660.3	4192.2	3952.5	3672.8	3575.5
53°	4207.4	4844.0	4372.7	3167.1	2349.0	2630.6	3388.7	3905.4	3602.4	3284.7	3212.9
54°	3956.9	4587.8	4153.9	2895.3	2021.2	2389.5	3203.9	3558.0	3254.8	3039.3	2974.0
55°	3693.0	4254.2	3790.3	2590.3	1699.0	2176.7	3063.2	3242.3	2954.9	2794.1	2738.3
56°	3308.9	3871.1	3398.4	2304.6	1438.5	2002.3	2904.0	2980.1	2656.0	2548.9	2502.4
57°	2947.4	3459.7	3047.4	2032.9	1273.2	1869.2	2689.2	2718.7	2357.2	2380.7	2291.1
58°	2690.1	3115.8	2734.3	1793.5	1171.8	1748.0	2482.0	2457.4	2056.8	2139.6	2109.1
59°	2412.1	2840.0	2449.9	1611.9	1083.6	1570.3	2351.5	2254.4	1908.0	1935.5	1938.3
60°	2113.3	2536.6	2162.6	1485.8	1008.4	1391.6	2130.2	2049.4	1698.4	1818.8	1779.0
61°	1874.2	2225.8	1905.2	1320.2	940.7	1259.5	1888.2	1825.4	1454.2	1651.9	1625.6
62°	1667.6	1951.8	1661.9	1162.2	879.7	1164.5	1708.6	1664.8	1287.0	1482.6	1483.6
63°	1471.4	1704.2	1468.4	1035.4	823.9	1065.9	1571.5	1527.3	1143.6	1316.6	1353.1
64°	1329.7	1496.1	1303.3	931.6	771.4	976.6	1410.4	1376.0	1020.9	1184.5	1224.9
65°	1190.7	1308.6	1163.1	840.3	718.8	888.5	1258.4	1231.7	926.0	1076.3	1107.3
66°	1058.2	1153.5	1031.7	766.6	666.3	812.9	1121.5	1096.9	841.3	975.3	1003.6
67°	937.8	1007.3	919.8	693.0	617.1	737.4	992.7	972.6	767.6	878.9	906.4
68°	827.9	873.3	817.6	619.6	567.5	662.1	877.1	855.7	697.0	786.9	808.9
69°	718.0	758.1	715.4	557.1	523.3	602.4	783.9	749.9	629.8	699.6	712.2
70°	608.4	643.9	613.7	498.7	480.9	544.8	690.8	653.1	566.1	618.1	621.9
71°	522.5	558.3	533.1	443.2	439.6	490.9	597.9	571.6	504.8	541.8	542.8
72°	447.3	480.1	462.4	394.0	398.2	442.4	528.7	501.9	451.4	476.6	475.4
73°	382.7	407.6	398.5	348.1	356.9	397.5	466.9	438.7	401.9	419.2	417.6
74°	322.3	343.4	339.4	305.7	317.6	353.7	407.9	382.3	356.2	367.8	365.4
75°	270.3	288.0	284.5	264.6	279.0	311.2	352.1	330.6	310.4	319.6	317.1
76°	226.2	239.8	238.2	224.2	243.8	270.8	297.5	287.1	270.1	278.5	273.7
77°	188.6	199.7	199.2	188.6	209.6	231.6	251.2	243.9	229.8	237.4	230.4
78°	155.4	165.4	164.8	158.6	176.4	195.3	211.7	200.6	193.9	196.4	187.1
79°	126.8	134.4	134.4	132.6	146.8	165.0	177.7	169.1	164.6	165.2	155.9
80°	102.0	107.6	108.3	108.6	121.2	137.2	146.8	135.9	135.4	134.8	128.1
81°	83.1	88.1	88.3	89.0	98.3	110.5	119.5	108.3	107.9	107.8	103.0
82°	64.2	68.7	68.3	69.4	79.0	88.9	95.1	87.4	87.0	85.2	78.9
83°	45.4	49.3	48.3	49.9	59.7	67.3	74.6	68.1	65.6	63.1	56.0
84°	30.8	33.6	33.4	34.6	40.5	45.7	54.2	50.0	47.1	43.6	35.7
85°	19.4	21.0	21.1	22.0	26.3	31.1	33.9	33.4	30.8	31.1	23.0
86°	9.7	10.8	11.3	12.4	14.4	18.9	20.4	21.9	20.6	18.7	10.3
87°	4.3	4.5	4.9	5.5	6.5	9.4	10.8	10.4	10.4	6.3	3.2
88°	2.2	2.2	2.4	2.3	2.5	3.1	3.1	2.8	2.9	1.8	1.0
89°	0.8	0.8	0.9	1.0	1.1	1.0	1.0	0.8	0.8	0.5	0.3

REPORT NUMBER: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440367
CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	19547.6	19547.6	19547.6
1°	19550.9	19548.6	19542.9
2°	19547.6	19546.2	19538.5
3°	19547.2	19539.5	19526.0
4°	19534.1	19520.6	19497.4
5°	19504.5	19488.0	19460.0
6°	19468.1	19445.2	19409.9
7°	19411.2	19385.6	19344.9
8°	19350.0	19329.1	19292.4
9°	19294.1	19261.8	19225.1
10°	19219.7	19203.5	19143.6
11°	19136.9	19107.6	19049.0
12°	19036.9	18996.5	18929.2
13°	18919.4	18875.0	18795.2
14°	18779.7	18732.6	18647.1
15°	18629.2	18574.0	18472.0
16°	18446.4	18378.4	18263.6
17°	18239.7	18158.9	18023.3
18°	18013.8	17906.4	17765.7
19°	17757.6	17639.8	17482.6
20°	17468.8	17347.3	17186.7
21°	17159.8	17051.0	16885.1
22°	16825.1	16728.9	16571.0
23°	16456.8	16387.8	16233.0
24°	16072.1	16036.7	15895.0
25°	15691.3	15674.5	15579.9
26°	15299.1	15350.3	15293.7
27°	14919.4	15051.4	15023.8
28°	14539.7	14757.5	14761.2
29°	14186.9	14473.7	14524.8
30°	13819.6	14193.9	14305.4
31°	13463.4	13919.9	14076.4
32°	13131.1	13663.0	13854.6
33°	12798.9	13411.2	13648.6
34°	12470.0	13166.8	13443.2
35°	12126.9	12925.8	13232.1
36°	11807.5	12699.9	13019.0
37°	11495.7	12454.8	12789.1
38°	11147.6	12187.9	12530.6
39°	10764.9	11862.3	12217.2
40°	10351.8	11463.1	11830.3
41°	9908.1	11023.7	11414.6
42°	9414.9	10553.8	10922.8
43°	8921.1	10048.5	10378.7
44°	8416.8	9510.2	9809.8

REPORT NUMBER: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7889.9	8914.3	9167.2
46°	7359.7	8308.4	8510.7
47°	6824.8	7711.2	7868.4
48°	6297.6	7125.4	7256.7
49°	5750.2	6493.5	6611.7
50°	5106.9	5843.1	6009.1
51°	4429.9	5114.0	5547.2
52°	3838.4	4588.5	5010.9
53°	3490.3	4059.6	4284.5
54°	3153.2	3628.7	3901.0
55°	2926.3	3336.9	3559.3
56°	2700.7	3038.3	3144.9
57°	2475.1	2739.5	2766.1
58°	2249.5	2440.8	2387.9
59°	2043.3	2209.4	2122.2
60°	1848.5	1951.9	1871.4
61°	1684.1	1723.4	1638.3
62°	1521.1	1551.0	1439.1
63°	1357.9	1389.4	1277.5
64°	1214.2	1239.6	1118.8
65°	1087.8	1104.8	989.7
66°	956.6	985.2	884.6
67°	832.8	884.4	792.4
68°	732.1	788.6	710.0
69°	643.3	700.6	632.2
70°	569.9	616.7	561.1
71°	500.9	543.9	497.0
72°	440.7	479.2	437.4
73°	385.8	414.7	380.1
74°	333.7	356.3	330.1
75°	289.7	308.5	286.4
76°	245.7	261.0	242.9
77°	201.8	213.6	199.4
78°	167.3	173.1	161.6
79°	138.7	136.5	124.4
80°	110.8	105.8	94.4
81°	84.4	79.2	70.6
82°	63.2	57.7	52.5
83°	45.1	42.4	37.3
84°	32.2	29.7	24.1
85°	19.4	17.0	10.9
86°	6.5	4.3	3.5
87°	1.8	1.4	1.3
88°	0.7	0.6	0.5
89°	0.3	0.3	0.3

REPORT NUMBER: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440367

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)