

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: P1440399

Luminaire Tested: XSF300-SFTR-6Hx6V-830-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440399
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-6Hx6V-830-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 45966.7 lumens
Efficiency: N/A
Efficacy: 147.8 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): 311
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

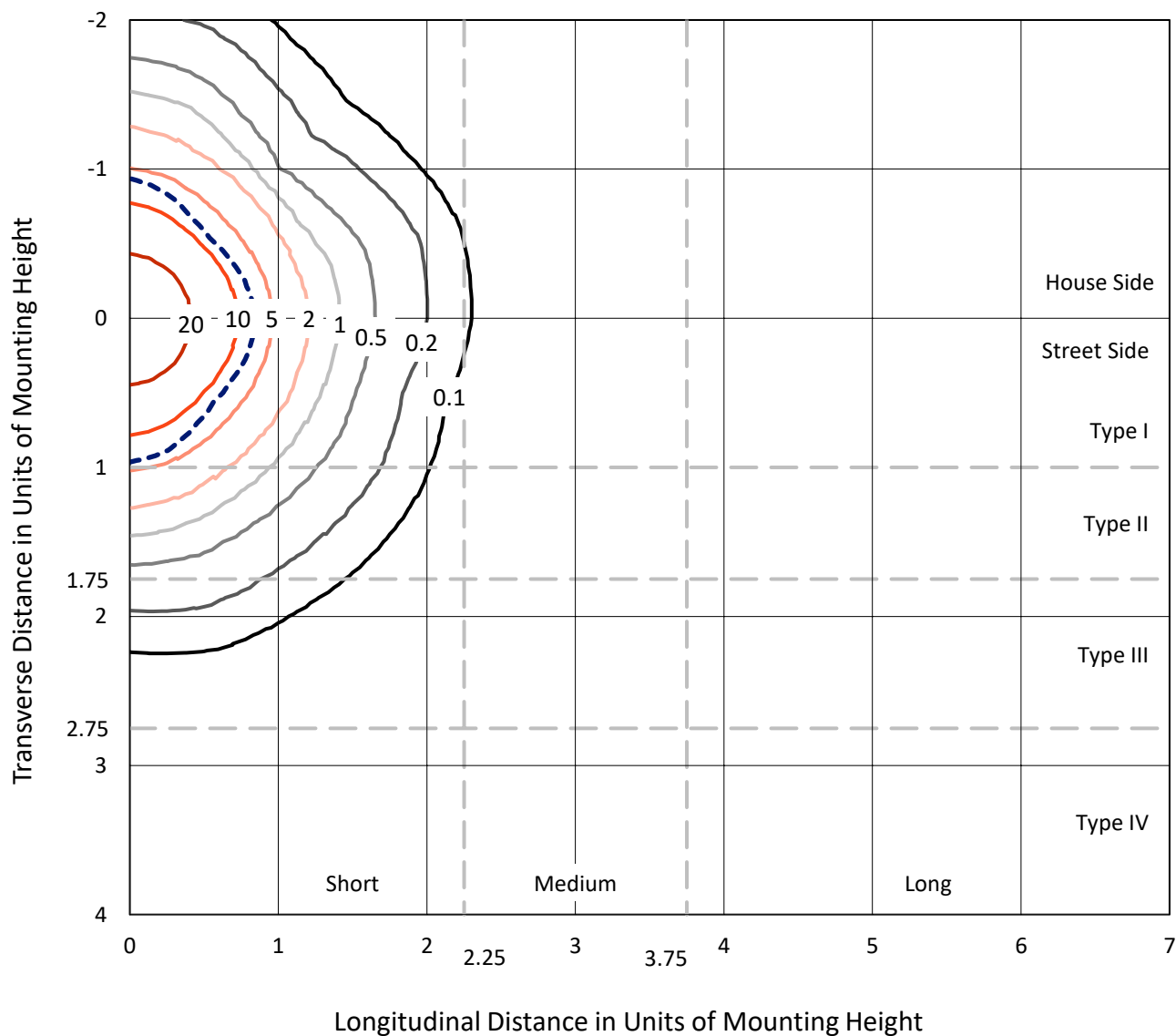
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



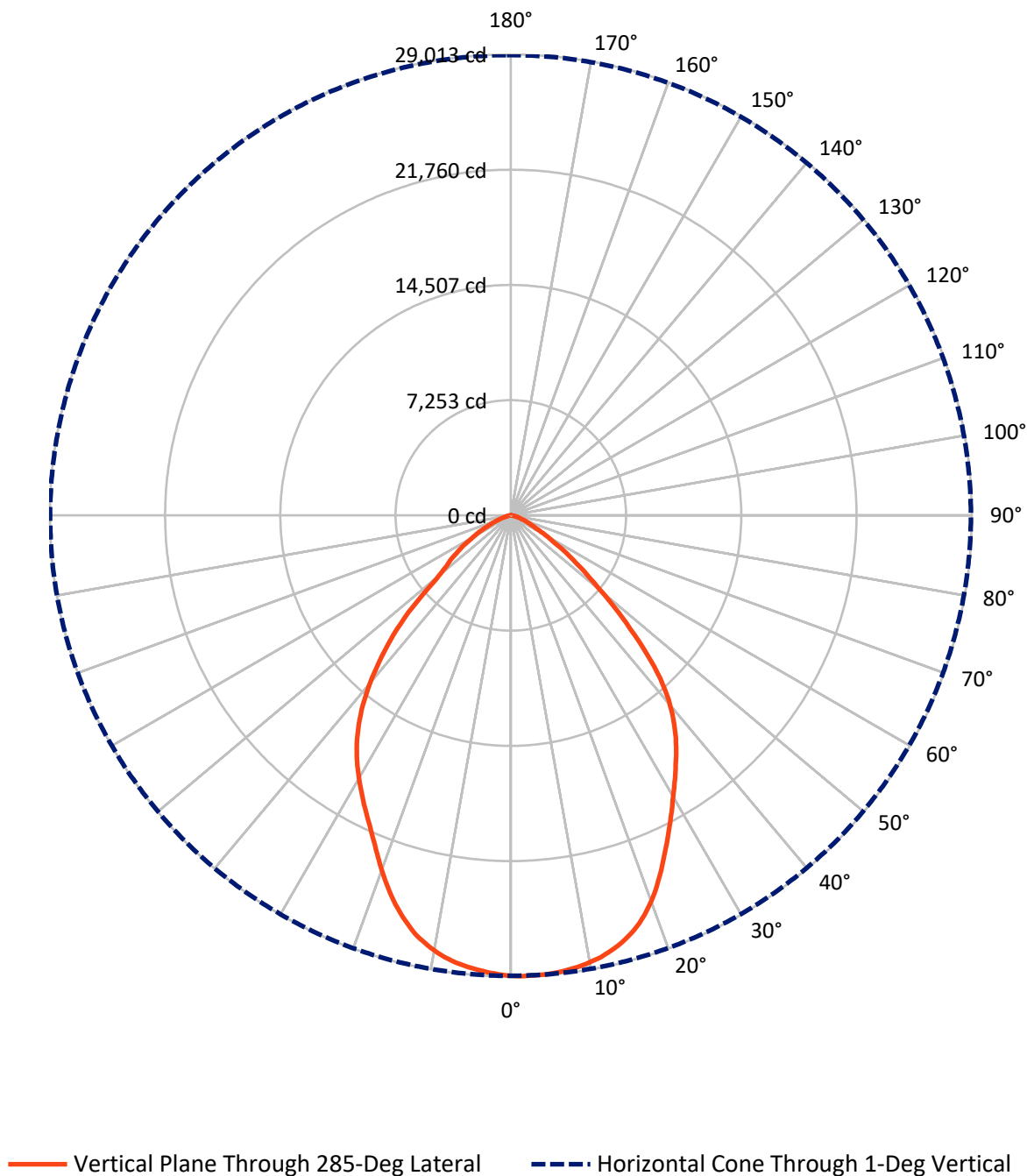
Based on 30 foot mounting height. Maximum calculated value = 32.2 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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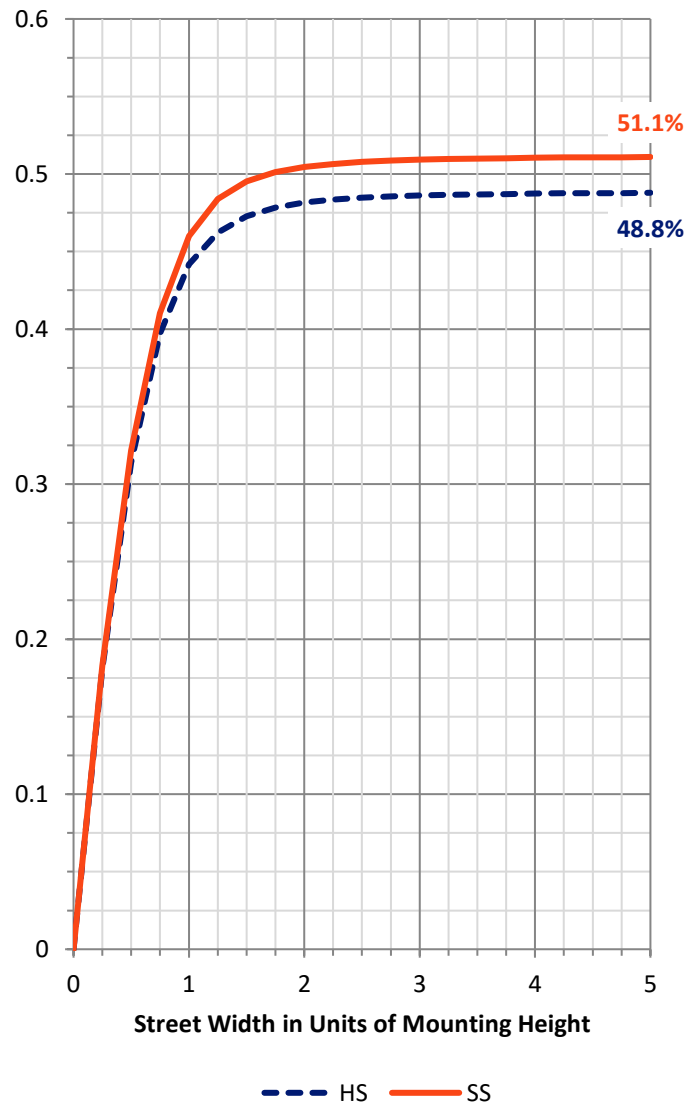
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22568.0	0.0	22568.0
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	23398.7	0.0	23398.7
	% Fixture	50.9	0.0	50.9
Total	Lumens	45966.7	0.0	45966.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2731.7	5.9
10°-20°	7575.9	16.5
20°-30°	10240.7	22.3
30°-40°	10902.1	23.7
40°-50°	8493.0	18.5
50°-60°	3909.5	8.5
60°-70°	1568.4	3.4
70°-80°	487.4	1.1
80°-90°	58.0	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°	45966.7	100.0
0°-180°	45966.7	100.0

Coefficient of Utilization



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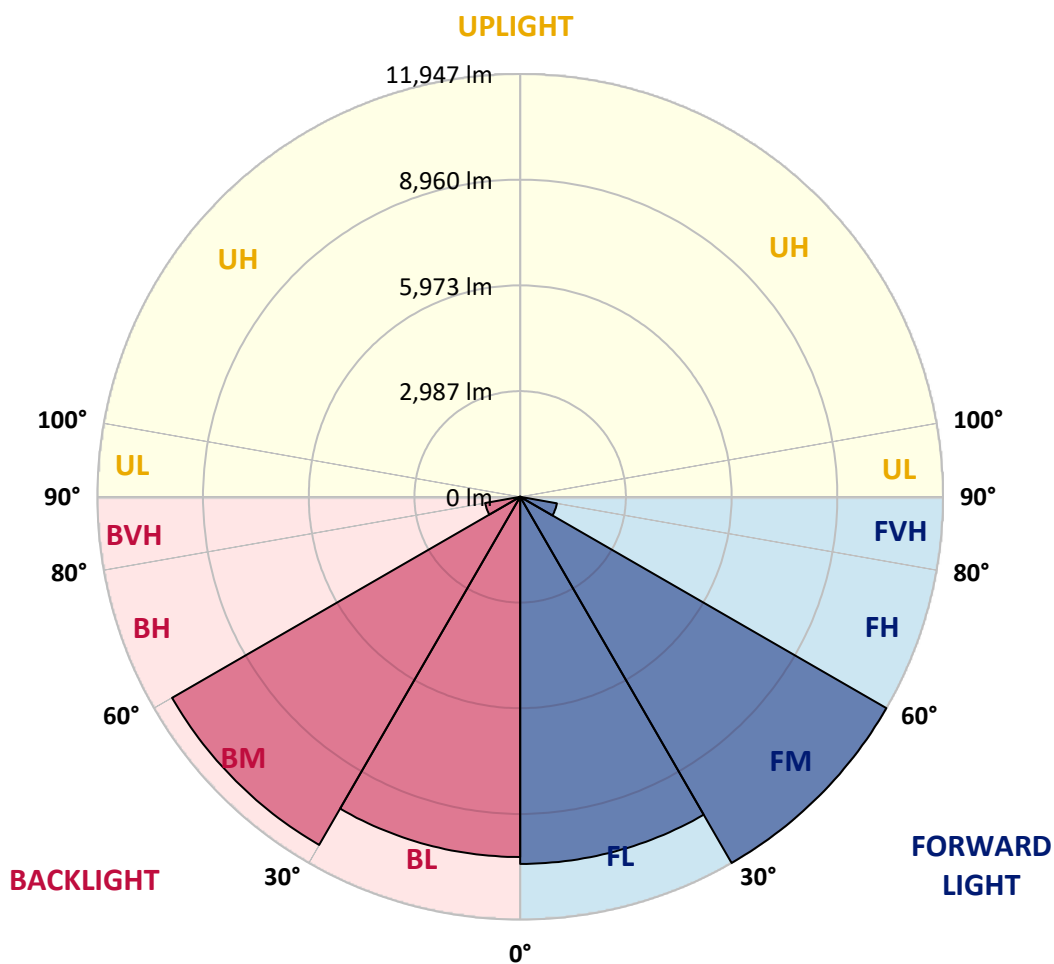
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	10372.0	22.6			
FM	(30°-60°)	11946.8	26.0			
FH	(60°-80°)	1052.0	2.3			G1/1800
FVH	(80°-90°)	27.9	0.1			G1/100
BL	(0°-30°)	10176.3	22.1	B5		
BM	(30°-60°)	11357.8	24.7	B5		
BH	(60°-80°)	1003.8	2.2	B3/2500		G1/1800
BVH	(80°-90°)	30.1	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°	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9
1°	28979.9	28978.4	28974.9	28971.9	28955.0	28956.5	28960.5	28956.0	28964.0	28961.5	28969.4
2°	28973.4	28960.0	28943.5	28940.5	28933.5	28914.0	28908.5	28892.6	28904.5	28920.5	28928.5
3°	28955.0	28935.0	28913.5	28892.1	28869.6	28854.1	28826.7	28832.7	28841.1	28859.6	28874.1
4°	28912.5	28883.1	28852.6	28827.2	28796.7	28768.8	28751.8	28736.8	28755.3	28775.8	28789.2
5°	28857.1	28813.7	28785.2	28734.8	28696.9	28670.9	28647.0	28641.0	28647.5	28664.9	28695.9
6°	28782.7	28735.3	28674.4	28631.5	28589.0	28561.1	28541.6	28541.1	28534.6	28548.6	28596.0
7°	28686.4	28638.5	28580.1	28518.7	28470.2	28436.8	28433.3	28423.8	28422.8	28437.3	28483.7
8°	28608.5	28540.1	28465.2	28402.8	28336.5	28297.0	28291.5	28284.0	28294.0	28316.5	28363.4
9°	28508.7	28422.3	28341.9	28272.1	28188.2	28144.3	28115.3	28114.3	28124.3	28155.2	28224.6
10°	28387.9	28295.5	28199.2	28109.3	28019.5	27959.5	27913.1	27917.1	27945.6	27978.0	28038.9
11°	28247.6	28133.8	28021.0	27917.6	27829.3	27752.9	27691.5	27684.5	27719.4	27776.8	27844.7
12°	28069.9	27948.1	27826.8	27702.0	27607.1	27508.3	27438.4	27416.9	27467.8	27534.2	27620.1
13°	27871.2	27742.4	27608.6	27466.3	27338.5	27231.2	27142.8	27142.3	27183.8	27262.2	27353.0
14°	27651.5	27500.8	27350.0	27198.3	27053.0	26917.2	26799.4	26791.9	26846.8	26949.2	27036.0
15°	27392.0	27224.7	27060.0	26899.2	26725.0	26555.8	26416.5	26398.0	26470.4	26597.2	26681.6
16°	27082.9	26894.7	26715.5	26557.3	26348.6	26162.9	25999.7	25985.2	26058.6	26187.4	26281.7
17°	26726.5	26543.3	26333.1	26167.9	25923.8	25721.1	25548.4	25539.9	25608.8	25734.6	25848.4
18°	26344.6	26139.9	25927.8	25720.6	25454.5	25257.3	25059.2	25054.7	25128.1	25247.9	25373.7
19°	25924.8	25700.1	25494.0	25247.9	24968.8	24758.1	24559.0	24547.0	24607.4	24731.7	24877.9
20°	25486.0	25258.8	25014.7	24721.7	24444.1	24229.0	24048.8	24016.3	24060.2	24173.1	24355.8
21°	25038.7	24787.6	24532.0	24180.6	23887.5	23693.8	23537.1	23479.7	23469.2	23592.0	23772.7
22°	24572.9	24283.9	23980.4	23598.0	23297.0	23153.2	23010.9	22926.6	22885.1	23000.9	23192.6
23°	24071.7	23748.2	23399.3	22987.5	22699.4	22621.5	22518.7	22400.4	22287.6	22359.5	22578.1
24°	23570.5	23233.1	22819.7	22376.4	22112.3	22115.8	22069.4	21906.2	21718.0	21727.0	22015.0
25°	23103.3	22757.3	22267.1	21778.9	21541.8	21641.6	21660.1	21430.9	21151.9	21105.4	21462.4
26°	22678.9	22307.0	21724.5	21184.8	20978.1	21188.8	21261.7	20991.6	20614.2	20532.4	20917.7
27°	22278.6	21876.2	21202.8	20599.3	20446.5	20752.5	20866.8	20567.8	20102.5	19949.8	20381.1
28°	21889.2	21445.4	20676.6	20033.2	19937.8	20325.7	20480.9	20154.0	19589.9	19390.7	19869.9
29°	21538.8	21029.6	20186.4	19488.5	19428.1	19907.4	20102.5	19737.1	19096.1	18840.0	19359.7
30°	21213.3	20634.2	19690.2	18945.4	18916.4	19493.0	19730.6	19325.3	18612.9	18302.9	18860.0
31°	20873.8	20238.3	19201.0	18419.2	18430.7	19077.2	19340.3	18904.4	18160.1	17801.7	18381.3
32°	20544.8	19861.4	18721.2	17918.5	17951.0	18667.3	18934.4	18478.1	17715.8	17302.0	17917.5
33°	20239.3	19505.0	18247.0	17415.3	17484.2	18224.5	18514.1	18037.3	17265.1	16817.3	17459.7
34°	19934.8	19157.5	17795.7	16918.1	16997.5	17779.7	18066.3	17571.1	16803.8	16328.0	17000.5
35°	19621.8	18811.6	17338.9	16402.4	16492.8	17296.0	17589.0	17068.4	16298.6	15827.3	16527.2
36°	19305.8	18449.7	16884.7	15862.8	15998.6	16788.8	17058.9	16545.7	15742.0	15292.2	16025.0
37°	18964.8	18051.3	16412.4	15333.6	15488.9	16269.1	16504.3	16000.1	15153.9	14693.1	15480.4
38°	18581.5	17582.5	15935.7	14828.4	14964.7	15698.0	15922.7	15419.5	14520.9	14049.7	14882.8
39°	18116.7	17054.4	15415.0	14285.3	14402.6	15094.5	15305.7	14787.5	13873.4	13392.2	14267.3
40°	17543.1	16482.3	14815.4	13696.7	13795.6	14418.6	14652.7	14124.0	13210.5	12730.8	13595.4
41°	16926.6	15853.3	14145.5	13062.7	13152.1	13703.2	13918.4	13454.6	12516.6	12055.3	12891.0
42°	16197.2	15151.4	13429.2	12390.8	12456.7	12913.0	13125.6	12711.8	11771.3	11352.0	12152.7
43°	15390.5	14388.1	12691.8	11683.4	11753.3	12082.3	12326.4	11990.4	11015.0	10612.1	11412.4
44°	14546.9	13545.5	11945.5	10965.6	11027.5	11268.6	11544.1	11250.1	10291.1	9961.7	10721.0

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CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	13593.9	12682.8	11172.2	10244.2	10318.6	10506.3	10784.9	10556.2	9567.3	9310.7	10078.5
46°	12620.4	11818.2	10399.5	9550.3	9631.2	9754.5	9960.7	9716.6	8838.4	8659.7	9436.0
47°	11668.0	10981.5	9635.7	8870.9	8857.4	8901.3	9137.0	8874.4	7887.5	7979.8	8787.0
48°	10760.9	10160.3	8830.0	8080.2	8033.2	8105.1	8313.3	7932.4	6950.5	7136.7	7915.9
49°	9804.4	9255.8	7880.0	7210.0	7221.5	7335.8	7532.0	6983.4	6112.3	6290.5	6950.0
50°	8910.8	8297.3	6920.5	6275.0	6461.2	6581.0	6870.1	6187.7	5221.2	5222.7	6085.8
51°	8225.9	7296.9	6122.8	5500.8	5804.8	6018.9	6350.9	5649.0	4560.9	4385.3	5253.1
52°	7430.7	6372.9	5496.8	4939.4	5230.2	5515.2	5884.6	5246.7	4095.0	3723.4	4690.5
53°	6353.4	5796.8	4897.6	4618.2	4709.3	4983.3	5464.3	4932.4	3699.4	3210.6	4361.1
54°	5784.8	5359.0	4506.5	4299.0	4344.6	4537.0	4976.9	4693.0	3374.8	2717.8	4000.4
55°	5278.1	4756.0	4118.5	3979.9	3980.1	4091.0	4559.7	4383.0	3078.2	2302.7	3574.5
56°	4663.5	4309.3	3730.5	3617.5	3615.5	3645.0	4196.0	4076.5	2802.8	1963.7	3129.2
57°	4101.8	3867.7	3375.5	3315.5	3403.3	3334.4	3821.7	3766.7	2593.5	1764.8	2770.2
58°	3540.9	3426.0	3067.3	3031.3	3095.6	2967.4	3458.3	3548.7	2384.9	1627.8	2451.3
59°	3147.0	3143.4	2806.0	2751.0	2855.2	2661.4	3133.3	3201.5	2115.6	1512.3	2201.2
60°	2775.1	2955.9	2568.9	2494.3	2603.9	2281.1	2872.2	2855.8	1920.0	1405.9	1985.3
61°	2429.5	2676.7	2304.4	2269.3	2337.1	1962.1	2578.8	2634.5	1809.8	1313.5	1791.3
62°	2134.0	2356.0	2067.7	2058.0	2090.0	1796.0	2320.3	2425.7	1658.4	1230.7	1622.8
63°	1894.4	2073.1	1855.5	1862.1	1887.5	1654.6	2118.4	2209.4	1507.4	1153.6	1477.5
64°	1659.0	1869.5	1681.4	1695.7	1716.2	1489.5	1903.5	1964.3	1369.6	1078.7	1347.9
65°	1467.6	1668.9	1532.6	1548.3	1550.3	1341.2	1700.2	1744.0	1244.6	1004.0	1222.2
66°	1311.8	1487.4	1384.3	1408.6	1398.9	1214.1	1503.5	1538.6	1133.9	930.5	1113.2
67°	1175.0	1324.9	1245.8	1273.4	1254.0	1101.7	1318.6	1348.3	1023.4	859.3	1004.1
68°	1052.8	1170.9	1115.6	1136.2	1114.0	996.6	1169.3	1200.8	912.7	792.7	895.1
69°	937.4	1026.3	988.1	1001.7	985.0	893.7	1020.1	1053.3	827.9	727.8	801.3
70°	832.0	896.2	864.3	880.4	871.9	799.3	872.2	907.2	752.3	666.8	719.4
71°	737.0	785.7	756.0	768.7	770.6	715.0	769.9	807.0	682.3	608.0	638.9
72°	648.7	688.0	658.5	677.5	678.7	638.4	679.0	713.2	613.4	549.1	565.0
73°	563.6	595.7	569.5	595.0	597.6	566.0	596.2	624.0	547.4	491.5	496.2
74°	489.5	514.2	490.0	521.6	521.2	499.2	517.9	543.8	484.8	436.4	433.7
75°	424.7	443.7	422.5	454.6	456.3	437.4	446.4	465.6	424.1	382.7	371.8
76°	360.2	373.4	355.0	386.6	389.2	375.7	379.5	394.8	366.3	333.3	312.5
77°	295.7	303.1	287.5	318.5	322.0	314.0	322.3	335.8	314.5	285.6	262.5
78°	239.6	241.2	236.5	262.4	271.7	266.2	273.3	282.8	265.8	237.6	218.5
79°	184.4	190.5	193.0	216.2	224.8	220.4	226.3	233.8	221.7	196.0	181.3
80°	139.9	146.8	152.4	175.8	179.5	179.1	180.5	191.5	181.5	161.5	148.8
81°	104.7	110.2	115.5	141.3	147.6	147.5	147.0	155.4	144.0	131.1	120.6
82°	77.8	86.5	91.0	107.6	114.6	118.1	118.9	124.6	114.8	100.7	92.5
83°	55.3	60.0	61.6	74.4	80.7	86.9	90.8	93.8	85.6	70.4	64.6
84°	35.7	41.8	43.2	45.2	53.8	59.7	62.9	63.1	56.5	48.0	43.9
85°	16.2	23.7	25.2	27.9	34.5	42.4	40.4	40.6	36.6	30.2	27.5
86°	5.2	5.6	7.2	11.1	15.4	25.3	22.5	22.3	19.7	16.2	15.0
87°	1.9	1.9	2.2	3.0	5.0	8.1	8.1	8.9	8.4	6.7	6.7
88°	0.8	0.7	0.8	0.9	1.2	1.6	1.9	1.9	2.3	2.4	2.9
89°	0.4	0.4	0.4	0.4	0.4	0.5	0.9	0.9	1.0	1.1	1.0

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440399
CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9	28986.9
1°	28974.9	28977.9	28986.4	28991.4	28989.9	28998.4	28989.9	29001.4	29013.4	28996.4	28996.4
2°	28951.0	28952.0	28961.0	28970.9	28983.4	28987.9	28991.9	29001.9	28993.4	28993.4	28990.4
3°	28895.1	28906.5	28925.0	28952.0	28969.9	28967.9	28989.9	29004.9	28981.4	28985.4	28979.9
4°	28813.7	28836.2	28858.6	28897.6	28923.0	28938.5	28958.5	28965.9	28971.4	28960.0	28971.4
5°	28723.3	28762.3	28803.7	28833.2	28867.6	28894.1	28921.0	28950.0	28938.5	28940.0	28948.5
6°	28635.0	28672.4	28716.3	28751.8	28801.7	28829.2	28856.1	28872.6	28877.6	28896.6	28904.5
7°	28533.1	28587.6	28638.0	28669.9	28712.4	28740.3	28768.3	28793.7	28804.7	28815.7	28826.7
8°	28421.3	28480.2	28530.6	28573.6	28623.5	28649.0	28672.9	28705.9	28722.3	28737.8	28726.3
9°	28276.0	28344.4	28407.3	28453.3	28508.7	28539.1	28562.1	28598.0	28625.0	28630.0	28618.0
10°	28107.8	28178.7	28249.1	28307.5	28376.9	28408.3	28444.8	28487.7	28500.7	28519.2	28517.7
11°	27911.1	27975.0	28044.9	28131.8	28217.6	28271.1	28310.0	28355.9	28383.4	28388.4	28400.8
12°	27689.0	27744.4	27838.2	27926.6	28009.5	28099.3	28150.7	28179.2	28204.7	28236.1	28252.1
13°	27413.4	27491.8	27587.1	27703.0	27792.3	27893.2	27930.6	27974.5	28011.0	28051.4	28075.9
14°	27101.4	27199.3	27296.1	27434.4	27549.7	27627.6	27690.5	27741.9	27793.3	27851.7	27885.7
15°	26749.0	26851.8	26966.1	27129.4	27274.1	27358.0	27402.9	27471.8	27531.7	27610.1	27657.0
16°	26366.1	26466.4	26599.7	26774.9	26941.2	27021.5	27082.9	27158.3	27246.7	27343.0	27384.5
17°	25940.8	26052.6	26199.3	26389.0	26562.8	26635.2	26716.0	26797.4	26905.7	27023.0	27092.9
18°	25483.5	25620.8	25784.0	25971.2	26129.5	26212.8	26282.2	26384.6	26513.3	26677.1	26749.5
19°	25005.2	25163.5	25337.2	25521.9	25655.7	25736.1	25804.5	25924.3	26076.0	26262.7	26353.6
20°	24485.6	24650.3	24844.0	25035.2	25133.0	25205.9	25286.8	25420.1	25600.3	25804.0	25926.8
21°	23933.0	24108.2	24300.9	24507.0	24589.4	24634.3	24713.7	24890.4	25081.1	25294.8	25448.0
22°	23412.8	23630.4	23799.2	23938.4	23988.4	24008.3	24134.6	24320.3	24511.5	24745.2	24928.9
23°	22904.6	23195.6	23350.4	23391.8	23362.9	23357.4	23515.1	23744.8	23945.9	24154.6	24361.3
24°	22433.8	22792.8	22932.0	22873.1	22706.4	22682.4	22891.1	23173.2	23373.8	23539.1	23741.3
25°	22026.5	22437.3	22530.2	22348.0	22056.4	22019.0	22262.1	22584.6	22815.2	22915.1	23113.8
26°	21618.6	22092.9	22157.3	21831.8	21410.5	21381.5	21662.1	22049.4	22263.6	22302.0	22492.2
27°	21213.8	21772.4	21781.4	21330.1	20786.5	20752.5	21103.4	21521.3	21725.5	21699.5	21853.8
28°	20806.4	21456.9	21414.5	20830.4	20202.9	20156.0	20571.3	21048.0	21209.8	21105.4	21205.3
29°	20419.5	21138.9	21046.0	20334.2	19629.8	19571.9	20050.1	20574.3	20690.1	20533.4	20590.8
30°	20056.6	20820.4	20683.1	19827.0	19058.7	19010.8	19563.4	20106.5	20202.4	19967.3	19966.8
31°	19686.7	20500.9	20323.2	19328.8	18504.6	18469.6	19087.2	19665.2	19737.6	19410.1	19372.2
32°	19326.8	20183.9	19976.7	18836.1	17968.4	17956.5	18619.9	19226.9	19278.4	18855.5	18789.6
33°	18961.4	19871.9	19612.8	18356.3	17452.8	17476.7	18156.6	18809.1	18813.6	18303.9	18234.5
34°	18585.5	19573.4	19231.9	17889.6	16945.1	17003.5	17707.8	18384.3	18376.8	17762.8	17676.9
35°	18193.6	19272.4	18842.0	17410.3	16441.4	16522.2	17239.6	17944.5	17928.5	17218.1	17125.8
36°	17780.7	18932.4	18419.7	16900.1	15930.2	16038.5	16758.9	17500.7	17460.2	16681.5	16583.1
37°	17322.0	18523.1	17955.0	16391.4	15404.5	15530.3	16286.1	17048.4	16967.5	16149.3	16048.0
38°	16789.3	18035.8	17439.3	15838.3	14854.9	14991.7	15800.9	16570.2	16445.4	15597.7	15514.8
39°	16187.8	17483.7	16853.2	15235.3	14278.8	14413.6	15280.7	16065.5	15899.7	15027.6	14955.2
40°	15512.8	16849.2	16189.8	14581.3	13647.3	13795.6	14702.1	15492.9	15311.2	14443.0	14391.1
41°	14788.0	16150.8	15434.5	13883.9	12984.4	13147.6	14068.6	14834.9	14644.7	13813.0	13785.6
42°	14002.7	15377.6	14599.3	13114.2	12290.0	12467.7	13382.7	14113.1	13908.9	13150.6	13129.6
43°	13196.0	14545.4	13728.2	12293.5	11558.6	11766.3	12645.4	13317.8	13092.7	12454.7	12409.8
44°	12425.2	13737.2	12867.0	11460.3	10777.4	11021.0	11894.1	12492.1	12209.1	11702.9	11677.4

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	11655.0	12934.4	12002.4	10640.6	10059.5	10257.2	11111.3	11662.5	11300.0	10921.1	10937.1
46°	10932.6	12170.7	11209.7	9892.3	9341.1	9493.9	10361.0	10851.7	10369.0	10114.9	10204.8
47°	10087.0	11269.6	10324.6	9144.5	8623.3	8730.1	9610.2	10117.4	9559.3	9333.7	9498.9
48°	9240.8	10523.8	9439.5	8389.2	7854.0	7898.4	8856.9	9304.7	8718.1	8606.8	8814.0
49°	8395.7	9778.5	8558.9	7380.8	6842.1	6886.6	7921.9	8484.0	7855.0	7828.1	7983.8
50°	7676.3	9033.1	7855.5	6516.6	5776.8	5985.5	6941.5	7612.9	7058.3	7006.9	7043.3
51°	7021.3	8308.8	7363.3	5807.3	4817.0	5218.7	6082.3	6822.2	6412.3	6177.7	6090.3
52°	6518.1	7576.5	6774.7	5049.0	3955.6	4411.9	5427.9	6216.6	5861.2	5446.3	5302.1
53°	6239.1	7183.1	6484.2	4696.4	3483.4	3900.9	5025.0	5791.3	5342.0	4870.8	4764.4
54°	5867.7	6803.2	6159.7	4293.4	2997.3	3543.4	4751.1	5276.1	4826.5	4507.0	4410.2
55°	5476.3	6308.5	5620.6	3841.2	2519.4	3227.8	4542.3	4808.0	4381.7	4143.4	4060.5
56°	4906.8	5740.4	5039.5	3417.5	2133.1	2969.2	4306.3	4419.2	3938.6	3779.7	3710.9
57°	4370.6	5130.3	4519.0	3014.6	1888.0	2771.8	3987.8	4031.6	3495.5	3530.3	3397.5
58°	3989.1	4620.5	4054.7	2659.5	1737.6	2592.0	3680.5	3644.0	3050.1	3172.9	3127.6
59°	3576.9	4211.4	3633.0	2390.2	1606.8	2328.5	3487.0	3343.0	2829.3	2870.2	2874.3
60°	3133.8	3761.6	3207.0	2203.3	1495.3	2063.6	3158.8	3039.1	2518.6	2697.0	2638.1
61°	2779.3	3300.6	2825.3	1957.7	1394.9	1867.7	2800.0	2706.8	2156.4	2449.6	2410.5
62°	2472.9	2894.3	2464.4	1723.5	1304.5	1726.9	2533.7	2468.7	1908.5	2198.6	2200.0
63°	2181.9	2527.1	2177.5	1535.5	1221.8	1580.6	2330.4	2264.8	1695.8	1952.3	2006.6
64°	1971.8	2218.6	1932.6	1381.4	1143.9	1448.1	2091.5	2040.5	1513.9	1756.5	1816.5
65°	1765.6	1940.5	1724.8	1246.1	1066.0	1317.5	1866.1	1826.5	1373.2	1596.0	1642.0
66°	1569.2	1710.5	1530.0	1136.8	988.1	1205.4	1663.1	1626.5	1247.5	1446.3	1488.2
67°	1390.6	1493.7	1363.9	1027.7	915.0	1093.4	1472.0	1442.2	1138.2	1303.3	1344.1
68°	1227.6	1294.9	1212.4	918.7	841.6	981.8	1300.6	1269.0	1033.5	1166.9	1199.5
69°	1064.7	1124.2	1060.9	826.1	776.0	893.2	1162.5	1112.0	933.9	1037.4	1056.1
70°	902.2	954.8	910.1	739.5	713.1	807.9	1024.4	968.5	839.5	916.6	922.2
71°	774.8	827.8	790.5	657.3	651.9	727.9	886.6	847.6	748.6	803.5	805.0
72°	663.3	711.9	685.7	584.3	590.6	656.0	784.1	744.3	669.4	706.7	704.9
73°	567.5	604.4	590.9	516.2	529.3	589.5	692.3	650.6	596.0	621.7	619.3
74°	477.9	509.3	503.2	453.2	471.0	524.6	604.9	566.8	528.3	545.4	541.8
75°	400.8	427.1	421.9	392.4	413.8	461.5	522.1	490.2	460.3	473.9	470.2
76°	335.4	355.6	353.2	332.4	361.6	401.6	441.2	425.8	400.5	412.9	405.8
77°	279.7	296.1	295.4	279.7	310.9	343.4	372.5	361.6	340.8	352.0	341.6
78°	230.4	245.2	244.4	235.1	261.5	289.6	313.9	297.5	287.5	291.2	277.5
79°	188.0	199.3	199.3	196.6	217.6	244.7	263.5	250.7	244.1	244.9	231.2
80°	151.2	159.5	160.6	161.0	179.8	203.4	217.7	201.5	200.7	199.9	190.0
81°	123.2	130.7	131.0	132.0	145.8	163.9	177.3	160.6	160.0	159.8	152.7
82°	95.2	101.8	101.3	102.9	117.2	131.8	141.0	129.7	129.0	126.3	117.0
83°	67.4	73.1	71.6	73.9	88.5	99.8	110.7	101.0	97.2	93.6	83.0
84°	45.7	49.9	49.5	51.4	60.0	67.8	80.4	74.2	69.9	64.7	53.0
85°	28.8	31.1	31.4	32.6	39.0	46.1	50.3	49.6	45.7	46.2	34.1
86°	14.4	16.1	16.8	18.4	21.3	28.1	30.3	32.4	30.5	27.8	15.3
87°	6.4	6.6	7.3	8.1	9.6	14.0	16.1	15.4	15.4	9.4	4.8
88°	3.2	3.3	3.5	3.4	3.7	4.6	4.6	4.1	4.3	2.7	1.5
89°	1.1	1.2	1.3	1.5	1.6	1.5	1.5	1.1	1.2	0.8	0.5

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440399
CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	28986.9	28986.9	28986.9
1°	28991.9	28988.4	28979.9
2°	28986.9	28984.9	28973.4
3°	28986.4	28974.9	28955.0
4°	28966.9	28947.0	28912.5
5°	28923.0	28898.6	28857.1
6°	28869.1	28835.2	28782.7
7°	28784.7	28746.8	28686.4
8°	28693.9	28662.9	28608.5
9°	28611.0	28563.1	28508.7
10°	28500.7	28476.7	28387.9
11°	28377.9	28334.5	28247.6
12°	28229.6	28169.7	28069.9
13°	28055.4	27989.5	27871.2
14°	27848.2	27778.3	27651.5
15°	27625.1	27543.2	27392.0
16°	27354.0	27253.2	27082.9
17°	27047.5	26927.7	26726.5
18°	26712.5	26553.3	26344.6
19°	26332.6	26157.9	25924.8
20°	25904.3	25724.1	25486.0
21°	25446.0	25284.8	25038.7
22°	24949.8	24807.1	24572.9
23°	24403.7	24301.4	24071.7
24°	23833.1	23780.7	23570.5
25°	23268.5	23243.5	23103.3
26°	22686.9	22762.8	22678.9
27°	22123.8	22319.5	22278.6
28°	21560.7	21883.7	21889.2
29°	21037.6	21462.9	21538.8
30°	20492.9	21048.0	21213.3
31°	19964.8	20641.7	20873.8
32°	19472.0	20260.8	20544.8
33°	18979.3	19887.4	20239.3
34°	18491.6	19525.0	19934.8
35°	17982.9	19167.5	19621.8
36°	17509.2	18832.6	19305.8
37°	17046.9	18469.1	18964.8
38°	16530.7	18073.3	18581.5
39°	15963.1	17590.5	18116.7
40°	15350.6	16998.5	17543.1
41°	14692.6	16347.0	16926.6
42°	13961.3	15650.1	16197.2
43°	13229.0	14900.8	15390.5
44°	12481.2	14102.6	14546.9

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	11699.9	13219.0	13593.9
46°	10913.6	12320.4	12620.4
47°	10120.4	11434.8	11668.0
48°	9338.7	10566.2	10760.9
49°	8526.9	9629.2	9804.4
50°	7573.0	8664.7	8910.8
51°	6569.1	7583.4	8225.9
52°	5692.0	6804.2	7430.7
53°	5175.8	6019.9	6353.4
54°	4675.9	5380.9	5784.8
55°	4339.5	4948.2	5278.1
56°	4004.9	4505.4	4663.5
57°	3670.3	4062.4	4101.8
58°	3335.7	3619.4	3540.9
59°	3030.0	3276.2	3147.0
60°	2741.1	2894.4	2775.1
61°	2497.4	2555.7	2429.5
62°	2255.6	2299.9	2134.0
63°	2013.6	2060.4	1894.4
64°	1800.5	1838.1	1659.0
65°	1613.0	1638.3	1467.6
66°	1418.5	1461.0	1311.8
67°	1234.9	1311.4	1175.0
68°	1085.6	1169.3	1052.8
69°	954.0	1038.9	937.4
70°	845.2	914.5	832.0
71°	742.8	806.6	737.0
72°	653.5	710.7	648.7
73°	572.1	615.0	563.6
74°	494.9	528.4	489.5
75°	429.6	457.5	424.7
76°	364.4	387.1	360.2
77°	299.2	316.7	295.7
78°	248.1	256.6	239.6
79°	205.6	202.4	184.4
80°	164.3	156.9	139.9
81°	125.1	117.4	104.7
82°	93.7	85.5	77.8
83°	66.9	62.9	55.3
84°	47.8	44.0	35.7
85°	28.7	25.2	16.2
86°	9.7	6.4	5.2
87°	2.7	2.1	1.9
88°	1.0	0.8	0.8
89°	0.4	0.4	0.4

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440399

CATALOG NUMBER: XSF300-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)