

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: P1440388

Luminaire Tested: XSF300-SFTR-5Hx5V-830-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440388
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-5Hx5V-830-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 5 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38694 lumens
Efficiency: N/A
Efficacy: 161.9 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): 239
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

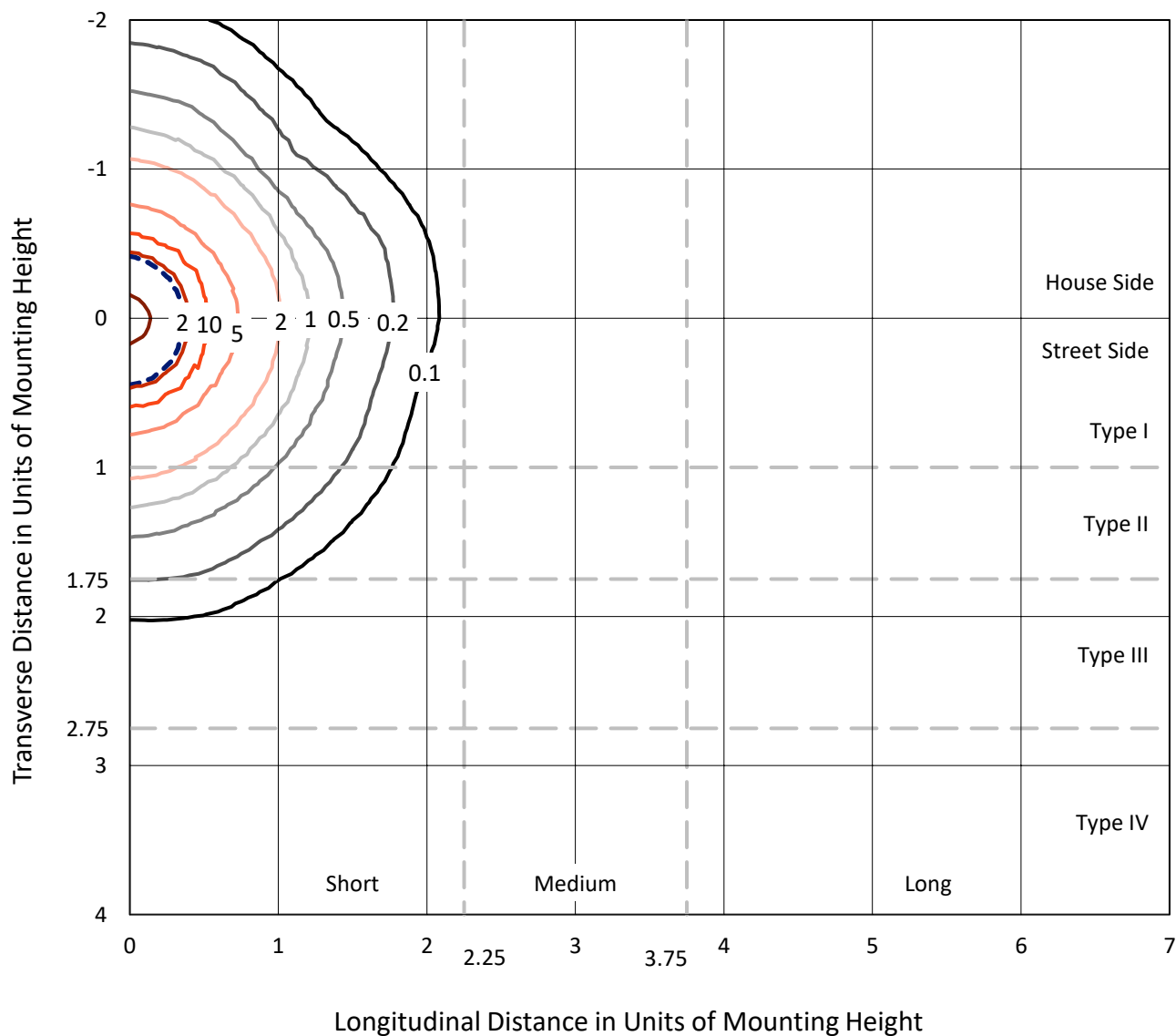
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



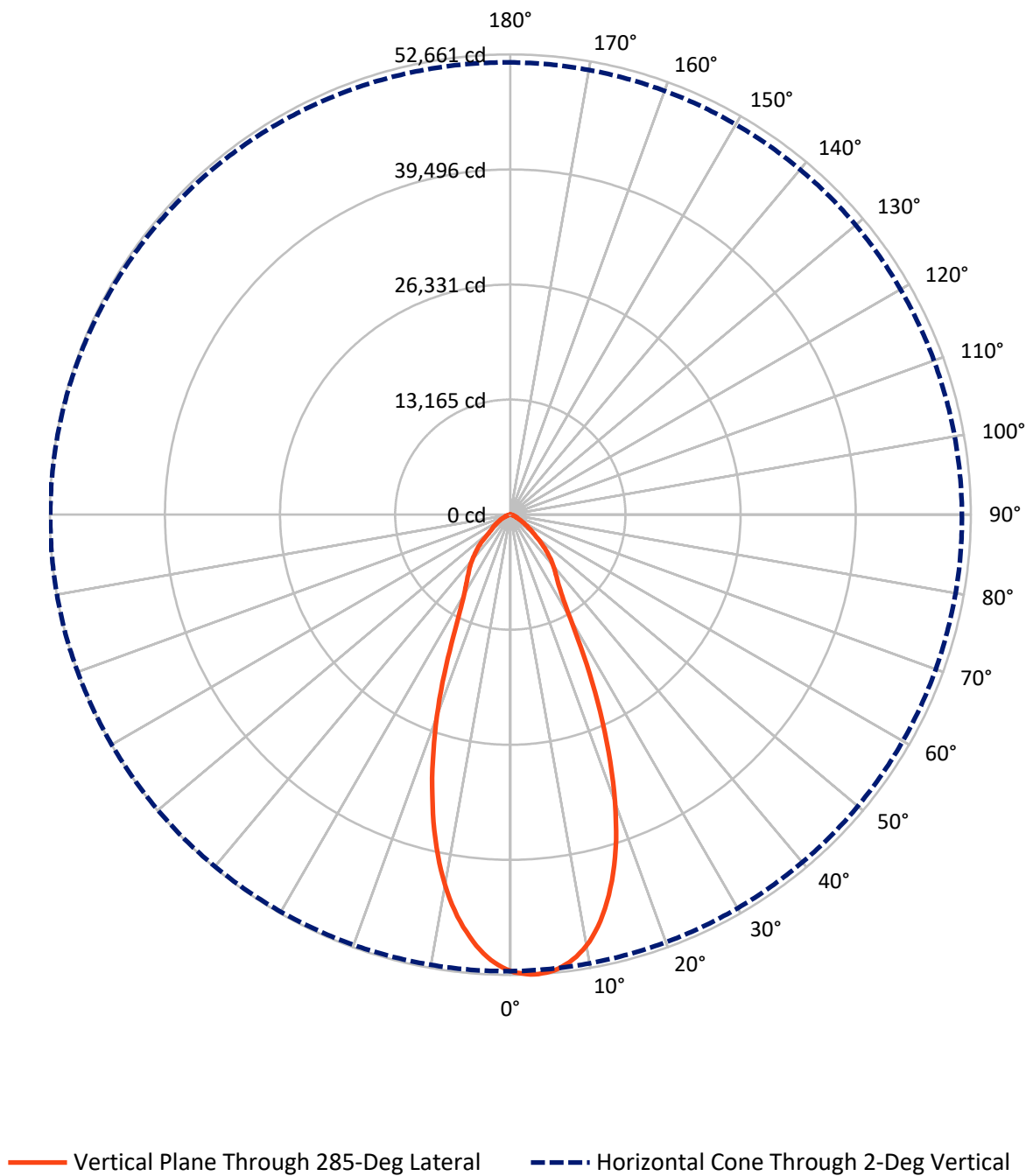
Based on 30 foot mounting height. Maximum calculated value = 58.2 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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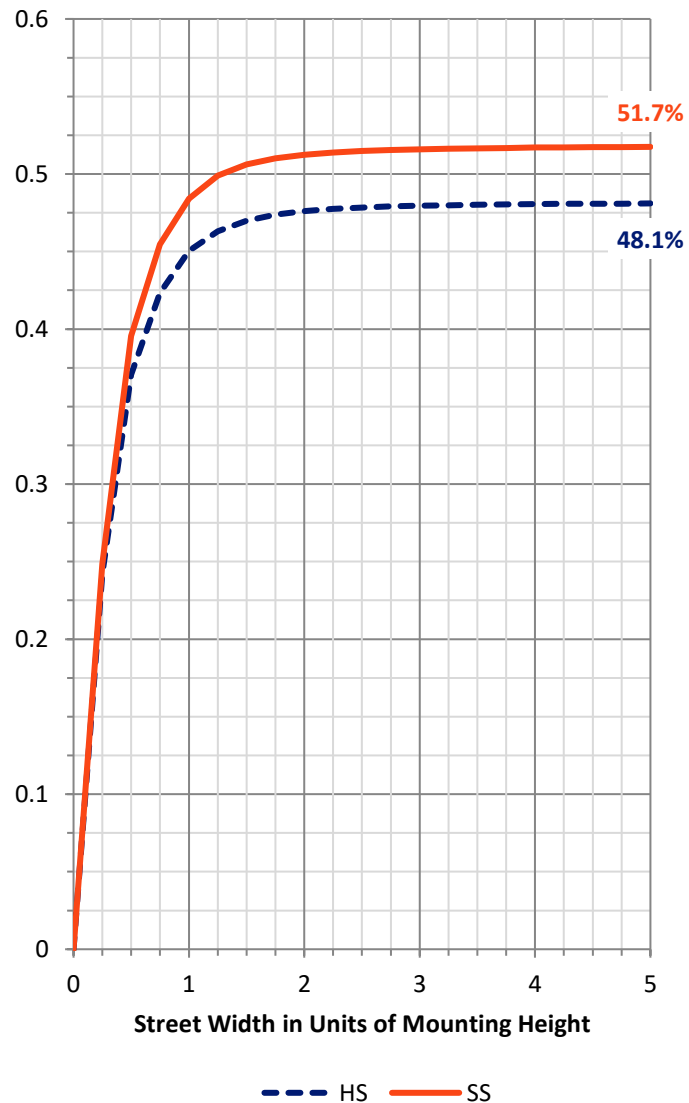
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18800.0	0.0	18800.0
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	19894.1	0.0	19894.1
	% Fixture	51.4	0.0	51.4
Total	Lumens	38694.0	0.0	38694.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4709.0	12.2
10°-20°	11130.5	28.8
20°-30°	9448.1	24.4
30°-40°	5777.8	14.9
40°-50°	4213.2	10.9
50°-60°	2092.2	5.4
60°-70°	941.9	2.4
70°-80°	338.5	0.9
80°-90°	42.8	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°	38694.0	100.0
0°-180°	38694.0	100.0

Coefficient of Utilization



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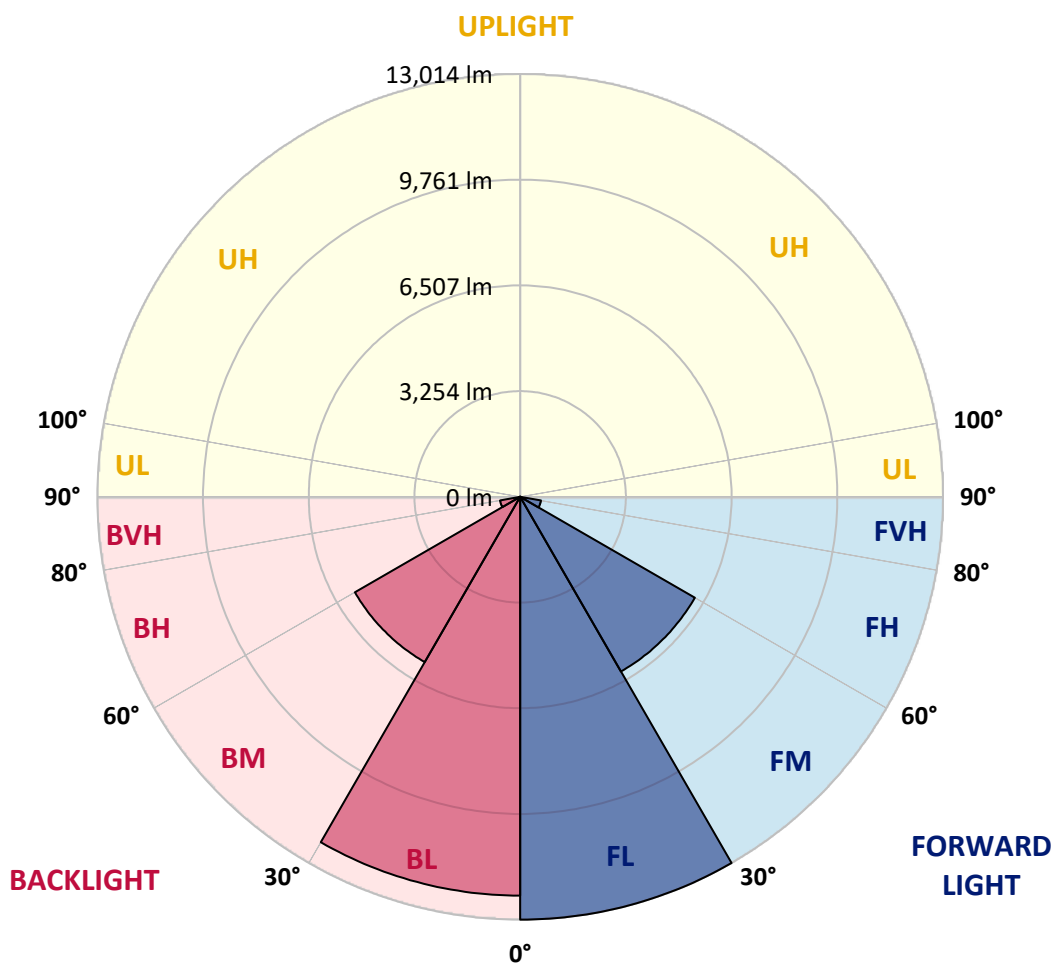
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	13014.1	33.6			
FM	(30°-60°)	6209.2	16.0			
FH	(60°-80°)	650.4	1.7			G0/660
FVH	(80°-90°)	20.3	0.1			G1/100
BL	(0°-30°)	12273.5	31.7	B5		
BM	(30°-60°)	5874.0	15.2	B4/8500		
BH	(60°-80°)	630.0	1.6	B2/1000		G0/660
BVH	(80°-90°)	22.4	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1
1°	52426.6	52348.4	52278.4	52220.8	52163.2	52117.9	52068.5	52015.0	52010.9	52023.3	52056.2
2°	52233.2	52089.1	51990.3	51912.1	51833.9	51735.2	51652.9	51570.5	51541.7	51554.1	51558.2
3°	51871.0	51698.1	51550.0	51434.7	51319.5	51204.2	51080.8	50998.4	50944.9	50940.8	50965.5
4°	51364.7	51126.0	50949.1	50833.8	50685.6	50566.3	50397.5	50294.6	50249.4	50253.5	50286.4
5°	50755.6	50525.1	50307.0	50117.7	49940.7	49800.8	49603.2	49475.6	49430.3	49471.5	49553.8
6°	50101.2	49841.9	49595.0	49339.8	49084.6	48887.1	48660.7	48512.5	48500.2	48611.3	48796.5
7°	49455.0	49158.7	48841.8	48483.7	48125.6	47870.5	47648.2	47495.9	47500.0	47681.1	47989.8
8°	48878.8	48508.4	48076.3	47582.4	47100.8	46763.3	46475.2	46355.9	46429.9	46713.9	47179.0
9°	48286.2	47854.0	47281.9	46615.2	45981.3	45540.9	45199.3	45104.7	45232.3	45647.9	46294.1
10°	47656.4	47142.0	46425.8	45602.7	44812.4	44248.6	43800.0	43738.2	43956.4	44512.0	45289.9
11°	46923.8	46355.9	45491.6	44520.2	43553.0	42820.4	42322.4	42260.7	42594.1	43264.9	44203.3
12°	46047.2	45396.9	44483.2	43330.8	42240.1	41342.9	40714.0	40691.7	41110.7	41923.2	42948.0
13°	45005.9	44310.3	43297.8	42034.3	40800.8	39725.4	38991.1	38994.4	39529.9	40448.1	41544.5
14°	43824.7	43026.2	41927.3	40630.8	39232.7	38016.5	37189.6	37206.5	37850.6	38845.4	39993.3
15°	42520.0	41663.9	40370.7	39079.2	37601.2	36224.5	35286.9	35347.4	36038.9	37119.3	38285.3
16°	41157.7	40115.1	38746.6	37413.1	35824.0	34352.6	33350.0	33390.4	34135.3	35305.9	36458.7
17°	39717.5	38507.1	37024.6	35621.5	33938.6	32392.3	31388.9	31440.7	32180.3	33351.7	34546.5
18°	38218.2	36870.3	35244.9	33734.9	31998.8	30436.9	29443.8	29435.5	30169.8	31339.9	32563.1
19°	36664.1	35166.3	33378.9	31735.8	29998.6	28444.5	27499.5	27481.0	28140.7	29204.2	30490.4
20°	35022.3	33349.6	31432.5	29708.0	28000.4	26503.5	25568.4	25534.2	26105.1	27027.0	28303.7
21°	33194.5	31365.4	29367.6	27652.6	25966.8	24552.2	23624.1	23571.0	24052.9	24831.6	26016.6
22°	31155.5	29316.6	27262.4	25568.8	23963.6	22587.7	21718.9	21634.5	22067.9	22665.9	23727.0
23°	28935.5	27088.7	25102.9	23451.6	21935.4	20648.8	19835.5	19712.0	20061.5	20551.7	21469.1
24°	26580.4	24811.9	22951.6	21374.8	19968.9	18790.1	18036.9	17898.6	18138.6	18505.7	19349.4
25°	24217.6	22603.0	20873.9	19397.6	18090.8	17066.0	16426.8	16216.5	16348.6	16628.9	17386.2
26°	21828.8	20402.7	18849.4	17498.2	16348.6	15515.6	14994.6	14761.2	14745.1	14963.3	15603.3
27°	19521.9	18335.3	16975.1	15758.9	14816.3	14196.5	13784.5	13533.5	13405.5	13515.8	14096.5
28°	17367.7	16417.0	15289.7	14240.1	13473.0	13055.6	12758.5	12486.0	12286.0	12329.6	12808.7
29°	15526.7	14780.5	13845.0	12951.1	12366.6	12093.8	11897.9	11625.0	11362.8	11344.7	11770.3
30°	14006.4	13396.0	12636.6	11865.8	11418.0	11292.0	11182.1	10900.6	10617.9	10547.1	10915.8
31°	12811.6	12317.7	11630.3	10958.2	10629.8	10626.9	10577.5	10310.0	9994.7	9890.6	10240.0
32°	11879.3	11447.2	10799.4	10224.4	9982.8	10065.1	10074.6	9791.0	9477.8	9346.9	9676.6
33°	11164.0	10765.6	10128.9	9599.6	9434.6	9585.2	9630.5	9346.9	9034.1	8873.6	9198.7
34°	10597.7	10225.2	9577.0	9069.1	8948.5	9163.3	9248.1	8954.7	8634.9	8471.5	8798.7
35°	10140.0	9772.1	9112.7	8603.2	8519.6	8772.3	8883.1	8586.7	8264.9	8097.4	8439.4
36°	9759.7	9386.0	8711.8	8180.9	8136.5	8418.0	8536.1	8245.1	7923.3	7757.8	8103.5
37°	9431.7	9037.8	8353.4	7812.1	7786.2	8078.0	8204.0	7929.8	7581.7	7417.8	7789.5
38°	9127.1	8703.2	8024.5	7476.3	7459.0	7745.9	7888.3	7614.2	7240.0	7077.9	7475.5
39°	8817.2	8370.6	7705.1	7149.1	7131.0	7410.0	7572.6	7298.1	6895.1	6727.2	7161.0
40°	8484.6	8037.7	7370.1	6813.2	6804.2	7055.2	7256.5	6958.5	6560.9	6384.8	6822.3
41°	8138.1	7694.4	7016.1	6474.5	6467.9	6696.8	6894.7	6625.6	6207.4	6048.1	6474.5
42°	7764.4	7330.6	6651.5	6133.3	6123.4	6314.0	6515.3	6265.4	5851.8	5707.3	6123.4
43°	7370.9	6945.4	6293.4	5781.4	5775.7	5919.3	6140.3	5921.8	5489.6	5356.7	5771.9
44°	6958.9	6544.5	5925.5	5440.6	5427.0	5537.4	5768.7	5578.1	5126.2	5013.0	5443.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	6510.7	6139.5	5561.6	5101.9	5096.6	5179.7	5414.7	5245.5	4783.8	4686.6	5122.5
46°	6056.3	5742.3	5198.2	4773.1	4771.8	4828.2	5031.5	4880.5	4436.4	4405.1	4821.6
47°	5615.1	5348.4	4843.4	4449.1	4409.2	4443.4	4623.2	4447.5	4005.8	4087.8	4489.5
48°	5203.2	4970.2	4469.3	4083.3	4031.4	4083.3	4238.4	4012.6	3573.8	3699.2	4081.9
49°	4766.1	4550.0	4029.0	3690.7	3690.8	3728.0	3878.0	3590.2	3191.0	3311.6	3629.9
50°	4363.9	4111.9	3658.5	3304.9	3350.4	3426.1	3562.0	3223.2	2789.7	2826.1	3226.7
51°	4048.3	3637.9	3290.5	2919.2	3009.9	3125.6	3306.9	2964.0	2481.9	2442.3	2837.9
52°	3656.5	3309.9	2922.4	2653.3	2749.8	2886.3	3080.1	2769.3	2264.2	2130.5	2562.1
53°	3302.4	2982.1	2632.6	2452.8	2502.1	2629.7	2872.5	2610.2	2074.3	1884.4	2389.8
54°	2949.6	2758.7	2429.9	2317.8	2274.5	2372.2	2637.7	2483.6	1914.7	1646.6	2203.4
55°	2705.1	2472.0	2218.5	2168.0	2096.9	2153.7	2429.4	2329.3	1768.1	1441.7	1995.0
56°	2425.8	2229.0	2040.1	1990.3	1975.3	1987.2	2252.1	2182.5	1629.7	1278.2	1781.7
57°	2157.2	2035.0	1864.5	1835.8	1865.1	1833.3	2072.0	2026.5	1520.4	1167.8	1602.9
58°	1897.9	1848.0	1707.6	1689.5	1713.8	1658.1	1895.4	1912.8	1412.1	1087.1	1444.5
59°	1716.6	1705.6	1572.5	1544.6	1594.9	1510.4	1737.8	1746.5	1279.2	1014.4	1314.3
60°	1535.8	1605.2	1450.0	1412.1	1467.0	1327.0	1605.4	1580.0	1175.7	949.0	1203.2
61°	1373.3	1465.8	1316.1	1296.5	1330.6	1178.8	1463.8	1468.5	1111.1	894.7	1099.3
62°	1227.2	1312.0	1193.3	1187.6	1210.5	1091.8	1337.5	1363.8	1029.0	840.4	1011.3
63°	1105.2	1177.1	1090.3	1089.2	1108.7	1016.9	1240.4	1258.1	950.3	786.1	936.3
64°	989.9	1077.5	1001.2	1002.9	1019.5	930.9	1138.4	1137.0	875.7	739.1	866.2
65°	892.1	974.8	925.4	924.7	932.1	853.2	1037.8	1028.4	801.1	694.5	796.1
66°	809.8	883.1	849.7	849.8	850.4	783.4	942.6	930.7	735.6	649.2	731.2
67°	734.9	800.7	777.4	778.5	771.8	722.1	847.3	832.9	671.4	604.7	665.9
68°	664.6	720.3	704.4	705.6	695.1	662.3	752.1	735.6	608.9	561.9	602.2
69°	599.7	645.8	629.5	632.3	622.9	601.5	669.8	656.4	552.7	518.5	549.1
70°	536.6	574.3	562.0	563.9	555.3	544.4	603.9	589.7	501.6	476.3	528.6
71°	481.1	510.9	512.0	500.7	494.6	492.1	580.6	528.8	454.8	434.1	502.3
72°	427.3	453.6	501.8	444.5	439.0	442.5	518.7	471.6	410.6	393.1	451.7
73°	377.1	400.1	449.5	392.9	388.1	394.5	447.3	417.3	366.9	350.4	386.6
74°	333.3	351.3	380.7	347.4	343.5	350.4	383.3	366.7	325.5	310.1	334.2
75°	289.6	302.5	326.3	301.9	299.1	306.4	330.2	318.6	285.8	272.5	289.0
76°	246.0	253.7	272.3	256.5	254.7	262.4	285.5	275.1	248.1	236.3	247.0
77°	209.1	212.2	218.3	215.4	216.7	223.7	246.0	234.9	213.0	201.8	209.8
78°	172.4	171.8	182.2	179.0	183.0	188.7	211.8	197.8	180.4	167.4	176.2
79°	135.9	137.3	150.3	147.1	151.7	155.8	178.2	163.5	150.4	137.5	147.5
80°	106.0	106.7	119.7	118.6	121.4	126.1	145.0	133.0	122.4	111.4	120.7
81°	80.7	80.9	90.6	94.5	98.5	102.3	117.9	109.9	100.0	90.7	97.6
82°	60.0	61.4	69.3	70.8	75.4	80.1	95.3	86.8	77.5	70.0	74.6
83°	42.7	43.1	47.1	49.4	54.5	59.8	72.6	63.8	55.2	49.4	51.6
84°	30.0	30.2	33.2	35.7	40.0	44.0	50.1	46.7	41.0	36.0	35.7
85°	17.3	17.5	19.4	22.2	26.0	29.7	31.6	32.2	27.5	23.5	21.7
86°	4.5	4.7	5.5	8.7	11.9	17.7	17.0	17.3	14.6	12.6	11.1
87°	1.3	1.4	1.5	2.1	3.7	5.6	6.6	6.5	5.7	5.1	4.8
88°	0.6	0.6	0.6	0.7	0.9	1.3	1.6	1.7	1.9	2.0	2.2
89°	0.3	0.3	0.3	0.3	0.4	0.4	0.7	0.7	0.8	0.8	0.8

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CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440388
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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: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1	52373.1
1°	52097.4	52183.8	52220.8	52311.4	52373.1	52447.2	52504.8	52533.6	52525.4	52558.3	52570.7
2°	51628.2	51747.5	51866.9	52027.4	52216.7	52385.5	52533.6	52620.1	52661.2	52632.4	52591.2
3°	51047.8	51167.2	51356.5	51595.2	51891.6	52179.7	52467.8	52587.1	52653.0	52599.5	52471.9
4°	50385.2	50533.4	50755.6	51056.1	51475.9	51887.4	52299.0	52484.2	52574.8	52434.8	52192.0
5°	49706.1	49874.8	50105.3	50446.9	50957.3	51500.6	52019.2	52303.1	52393.7	52171.4	51821.6
6°	49027.0	49199.9	49434.5	49837.8	50385.2	51023.1	51648.7	52019.2	52076.8	51817.5	51352.4
7°	48310.8	48561.9	48821.2	49212.2	49776.1	50463.4	51171.3	51599.3	51652.9	51335.9	50825.6
8°	47623.5	47944.5	48232.7	48627.8	49166.9	49854.3	50591.0	51076.6	51142.5	50780.3	50220.6
9°	46886.8	47269.6	47640.0	48035.1	48537.2	49166.9	49903.7	50401.7	50467.5	50109.4	49553.8
10°	46018.4	46491.7	46928.0	47393.0	47837.5	48384.9	49068.2	49590.9	49677.3	49331.6	48899.4
11°	45034.7	45569.8	46100.7	46648.1	47100.8	47495.9	48084.5	48594.8	48718.3	48442.6	48175.0
12°	43878.2	44454.4	45075.9	45783.8	46257.1	46541.1	46977.3	47446.5	47602.9	47454.8	47393.0
13°	42536.4	43141.4	43878.2	44767.2	45310.5	45417.5	45763.2	46183.0	46347.6	46343.5	46516.4
14°	41039.1	41725.6	42511.7	43577.7	44182.7	44232.1	44400.9	44779.5	44964.7	45129.4	45524.5
15°	39443.4	40232.0	41075.3	42223.6	42931.5	42906.9	42943.9	43219.6	43491.3	43804.1	44396.8
16°	37771.2	38716.2	39550.0	40691.7	41421.1	41384.0	41351.1	41511.6	41857.3	42375.9	43112.6
17°	36057.8	37199.9	38042.0	39029.8	39733.2	39749.6	39597.8	39645.1	40090.0	40769.5	41589.8
18°	34228.3	35613.3	36466.1	37273.6	37875.3	37943.6	37697.1	37651.0	38152.7	39072.6	39885.9
19°	32266.4	33850.9	34786.9	35420.3	35847.5	35959.9	35641.7	35525.6	36105.5	37170.7	37962.2
20°	30134.4	31871.2	32881.7	33417.5	33651.7	33820.5	33458.7	33303.5	33908.1	35080.7	35917.0
21°	27851.4	29640.9	30738.2	31198.3	31316.4	31575.7	31176.1	31031.2	31650.2	32879.2	33698.2
22°	25466.3	27259.9	28402.5	28802.1	28923.5	29205.5	28857.3	28731.3	29374.2	30563.7	31387.6
23°	23102.6	24812.3	25959.0	26269.7	26401.0	26776.3	26511.7	26437.6	27057.5	28197.9	28946.2
24°	20787.9	22374.9	23425.7	23791.2	23946.8	24320.9	24168.6	24134.0	24776.1	25790.6	26476.3
25°	18655.5	19997.7	21012.6	21355.1	21498.7	21986.0	21848.1	21872.4	22526.4	23438.0	24013.4
26°	16675.0	17790.8	18681.0	19056.8	19212.0	19603.8	19563.9	19656.5	20290.3	21093.7	21631.2
27°	14985.5	15911.5	16669.3	17025.7	17130.2	17448.8	17444.3	17583.8	18176.9	18889.3	19353.6
28°	13558.2	14303.1	14881.0	15188.0	15258.8	15459.2	15515.6	15688.9	16185.7	16808.0	17245.1
29°	12435.4	13074.1	13493.9	13682.4	13662.7	13751.2	13857.4	14088.3	14478.8	14958.3	15357.2
30°	11552.5	12104.1	12377.3	12423.0	12321.0	12346.5	12517.3	12782.3	13062.6	13367.6	13696.9
31°	10852.9	11371.9	11548.8	11440.2	11244.3	11241.4	11464.9	11753.4	11946.8	12073.2	12356.3
32°	10301.3	10784.5	10864.8	10636.8	10392.3	10362.7	10631.8	10938.1	11066.1	11070.6	11258.3
33°	9849.4	10309.6	10346.2	10003.8	9688.9	9678.6	9963.9	10291.1	10356.1	10252.4	10382.8
34°	9459.7	9933.0	9892.2	9484.4	9132.1	9118.5	9427.2	9763.0	9792.6	9601.3	9684.0
35°	9123.8	9610.3	9507.4	9040.3	8646.8	8650.5	8969.5	9313.2	9320.6	9066.6	9102.4
36°	8815.6	9318.9	9166.6	8645.2	8229.9	8241.8	8573.6	8933.3	8910.6	8605.7	8622.5
37°	8514.7	9034.1	8841.5	8286.7	7887.0	7904.3	8225.4	8582.6	8533.2	8199.8	8204.4
38°	8200.3	8734.9	8521.7	7961.1	7543.8	7567.2	7916.3	8266.5	8185.8	7830.7	7833.5
39°	7874.3	8425.4	8194.5	7636.0	7200.5	7229.8	7607.2	7953.7	7858.6	7482.9	7484.9
40°	7548.3	8096.5	7836.4	7310.4	6851.5	6887.3	7298.1	7628.2	7514.2	7140.4	7143.7
41°	7221.9	7753.7	7478.8	6954.8	6502.9	6544.9	6961.4	7285.3	7162.7	6800.5	6808.3
42°	6837.9	7410.0	7119.0	6572.9	6151.4	6197.9	6608.7	6926.4	6786.5	6448.6	6463.8
43°	6462.2	7029.3	6709.5	6189.3	5790.9	5849.7	6248.1	6537.9	6386.8	6098.7	6110.3
44°	6090.9	6642.4	6303.7	5787.6	5420.5	5492.1	5886.4	6144.4	5966.6	5733.3	5758.4

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	5739.0	6267.9	5898.7	5396.2	5048.0	5107.7	5517.6	5759.6	5539.8	5364.5	5405.6
46°	5394.1	5906.1	5531.6	5032.3	4699.4	4736.0	5159.1	5387.5	5118.4	4984.2	5061.2
47°	5014.2	5497.8	5156.2	4707.6	4375.9	4378.8	4804.3	5047.2	4743.4	4620.8	4730.2
48°	4579.6	5075.6	4709.7	4306.7	4017.9	3996.2	4420.3	4678.4	4354.5	4278.3	4409.6
49°	4187.0	4691.1	4274.6	3850.4	3565.7	3537.1	4002.0	4297.3	3960.1	3920.4	4031.5
50°	3855.1	4430.6	3951.1	3441.4	3084.5	3130.8	3558.2	3901.6	3660.0	3560.2	3670.2
51°	3548.6	4099.2	3713.2	3104.9	2641.3	2778.8	3164.9	3615.0	3360.3	3199.9	3245.5
52°	3303.3	3759.1	3436.2	2735.6	2245.6	2409.8	2865.7	3329.6	3060.6	2839.7	2819.1
53°	3158.0	3564.7	3281.8	2554.0	2018.3	2173.0	2671.6	3044.1	2809.9	2578.5	2569.5
54°	2975.4	3385.2	3118.8	2347.0	1781.9	1999.1	2530.8	2789.9	2560.1	2368.1	2378.4
55°	2787.9	3150.7	2867.3	2124.9	1550.1	1841.5	2417.2	2558.4	2324.8	2190.4	2199.4
56°	2523.6	2885.0	2596.1	1915.3	1359.3	1711.9	2296.1	2368.4	2123.7	2052.8	2038.6
57°	2273.3	2606.8	2347.5	1716.8	1229.9	1607.3	2136.5	2163.0	1919.8	1925.4	1883.0
58°	2088.9	2367.3	2126.2	1538.9	1141.6	1510.9	1979.8	1972.2	1712.3	1749.7	1741.2
59°	1891.1	2175.0	1920.5	1401.2	1064.3	1378.2	1874.9	1823.0	1598.1	1605.1	1606.4
60°	1683.7	1966.2	1718.1	1297.7	995.5	1243.6	1716.1	1670.1	1442.2	1512.5	1482.5
61°	1514.3	1749.2	1532.3	1173.9	931.5	1141.9	1541.2	1509.8	1269.2	1387.9	1364.7
62°	1368.7	1558.8	1363.9	1055.9	874.6	1062.6	1411.0	1392.1	1144.1	1261.3	1252.6
63°	1230.9	1383.9	1227.4	961.0	817.8	984.1	1309.3	1288.4	1036.3	1141.0	1151.3
64°	1126.0	1235.3	1107.3	884.1	769.0	910.5	1192.2	1183.4	943.5	1040.1	1055.6
65°	1023.5	1100.6	1005.3	807.3	723.0	836.9	1083.4	1085.5	869.5	954.8	967.6
66°	928.8	989.5	915.5	745.5	677.4	763.4	984.2	992.7	801.6	873.5	887.7
67°	834.2	878.4	825.7	684.6	631.8	700.3	888.7	902.7	741.4	797.3	812.7
68°	740.0	767.7	735.9	623.5	586.9	644.5	793.7	815.6	682.8	723.4	737.1
69°	658.0	672.6	655.7	565.9	544.0	588.1	714.6	733.3	625.8	651.5	661.0
70°	576.3	590.4	582.0	519.5	501.8	533.8	640.3	655.5	570.4	583.6	589.9
71°	505.3	519.3	514.5	488.0	459.1	482.8	574.8	586.9	516.4	517.7	525.3
72°	441.6	455.5	453.8	465.5	417.1	436.5	514.2	540.9	466.7	460.9	467.5
73°	384.0	395.5	397.0	411.4	374.7	392.8	457.4	496.0	419.2	408.8	413.8
74°	329.7	341.0	343.0	349.7	332.6	349.9	403.5	427.7	373.9	363.7	367.9
75°	281.1	292.2	292.9	299.9	292.7	309.1	351.9	364.4	331.3	318.8	319.8
76°	239.1	248.8	249.5	255.1	255.0	270.4	302.2	314.0	288.8	273.9	271.7
77°	201.6	210.6	210.7	217.2	218.8	233.0	259.3	263.6	246.2	234.3	230.7
78°	167.5	176.4	175.2	183.7	183.3	197.3	219.9	224.0	209.0	198.6	192.8
79°	137.4	145.5	143.7	155.0	151.7	166.6	184.6	189.3	175.8	167.5	159.9
80°	110.6	117.8	115.8	127.3	123.9	137.7	151.8	155.0	143.6	136.7	130.6
81°	91.4	97.7	95.4	103.9	101.7	113.1	122.9	125.4	114.2	109.4	104.3
82°	72.1	77.6	75.1	80.5	79.4	88.5	100.6	100.9	90.6	85.8	79.1
83°	53.0	57.5	55.0	57.2	57.4	64.2	78.3	78.5	68.2	63.6	56.2
84°	42.6	46.6	44.7	41.2	45.6	50.0	56.0	57.1	51.9	47.1	38.5
85°	30.5	33.3	32.3	25.9	32.9	37.1	40.9	37.9	38.8	33.8	25.9
86°	15.7	17.0	18.0	13.8	19.0	23.2	25.4	24.2	24.9	20.6	13.4
87°	5.4	5.6	6.4	6.0	8.0	9.6	11.4	10.6	10.9	7.3	4.1
88°	2.5	2.6	2.7	2.6	2.8	3.4	3.8	3.1	3.1	1.9	1.1
89°	0.9	0.9	1.0	1.1	1.2	1.2	1.1	0.8	0.8	0.6	0.4

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440388
CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	52373.1	52373.1	52373.1
1°	52508.9	52488.4	52426.6
2°	52471.9	52348.4	52233.2
3°	52257.9	52052.1	51871.0
4°	51875.1	51582.9	51364.7
5°	51389.4	51010.8	50755.6
6°	50842.0	50401.7	50101.2
7°	50241.1	49784.3	49455.0
8°	49627.9	49183.4	48878.8
9°	49051.7	48615.4	48286.2
10°	48454.9	48031.0	47656.4
11°	47825.2	47380.7	46923.8
12°	47158.4	46627.5	46047.2
13°	46343.5	45676.8	45005.9
14°	45380.4	44586.1	43824.7
15°	44228.0	43355.5	42520.0
16°	42927.4	42030.2	41157.7
17°	41499.3	40615.2	39717.5
18°	39901.1	39127.3	38218.2
19°	38174.5	37594.2	36664.1
20°	36312.6	35990.3	35022.3
21°	34284.3	34199.1	33194.5
22°	32131.8	32190.6	31155.5
23°	29749.6	29985.8	28935.5
24°	27283.8	27575.6	26580.4
25°	24812.3	25126.3	24217.6
26°	22347.8	22622.3	21828.8
27°	19996.4	20209.2	19521.9
28°	17785.0	17915.9	17367.7
29°	15797.1	15889.7	15526.7
30°	14092.8	14179.2	14006.4
31°	12714.0	12871.6	12811.6
32°	11624.2	11852.2	11879.3
33°	10762.7	11068.5	11164.0
34°	10081.6	10466.0	10597.7
35°	9523.5	9976.2	10140.0
36°	9076.1	9584.8	9759.7
37°	8690.0	9246.9	9431.7
38°	8331.5	8934.1	9127.1
39°	7983.8	8612.6	8817.2
40°	7639.7	8269.0	8484.6
41°	7290.3	7917.5	8138.1
42°	6916.5	7552.4	7764.4
43°	6557.2	7180.8	7370.9
44°	6197.1	6784.4	6958.9

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	5828.7	6374.1	6510.7
46°	5459.6	5955.5	6056.3
47°	5085.0	5547.6	5615.1
48°	4725.3	5141.8	5203.2
49°	4345.8	4711.3	4766.1
50°	3903.3	4271.8	4363.9
51°	3533.4	3795.8	4048.3
52°	3164.4	3459.9	3656.5
53°	2795.5	3127.9	3302.4
54°	2546.8	2795.8	2949.6
55°	2343.1	2590.6	2705.1
56°	2194.6	2388.0	2425.8
57°	2014.9	2151.8	2157.2
58°	1841.4	1945.2	1897.9
59°	1685.4	1771.9	1716.6
60°	1541.6	1583.4	1535.8
61°	1415.7	1417.2	1373.3
62°	1288.2	1290.3	1227.2
63°	1165.1	1171.2	1105.2
64°	1058.8	1063.1	989.9
65°	965.1	961.5	892.1
66°	872.1	871.6	809.8
67°	781.5	795.7	734.9
68°	701.0	721.9	664.6
69°	625.3	651.5	599.7
70°	561.0	583.4	536.6
71°	502.9	521.4	481.1
72°	461.3	464.9	427.3
73°	441.2	409.3	377.1
74°	391.9	360.6	333.3
75°	327.6	312.1	289.6
76°	273.0	263.5	246.0
77°	235.2	221.6	209.1
78°	197.5	182.2	172.4
79°	159.8	146.0	135.9
80°	128.3	113.8	106.0
81°	98.1	85.6	80.7
82°	73.4	62.8	60.0
83°	52.3	45.8	42.7
84°	37.4	32.5	30.0
85°	22.6	19.3	17.3
86°	7.8	6.1	4.5
87°	1.9	1.5	1.3
88°	0.8	0.7	0.6
89°	0.3	0.3	0.3

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440388

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)