

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: P1440364

Luminaire Tested: XSF200-SFTR-6Hx6V-830-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440364
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-830-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 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: 24074.5 lumens
Efficiency: N/A
Efficacy: 155.3 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

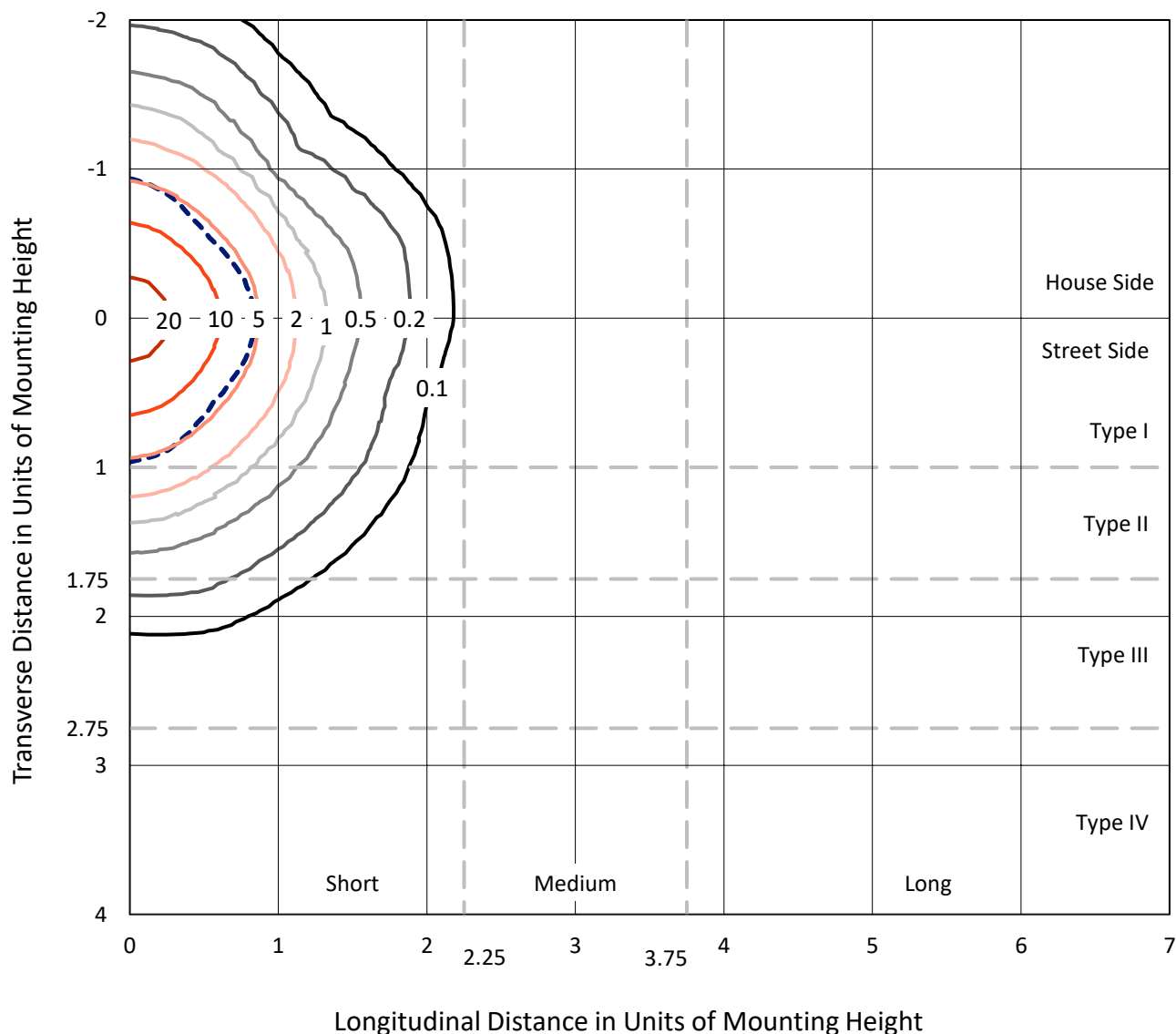
Input Watts (W): 155
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



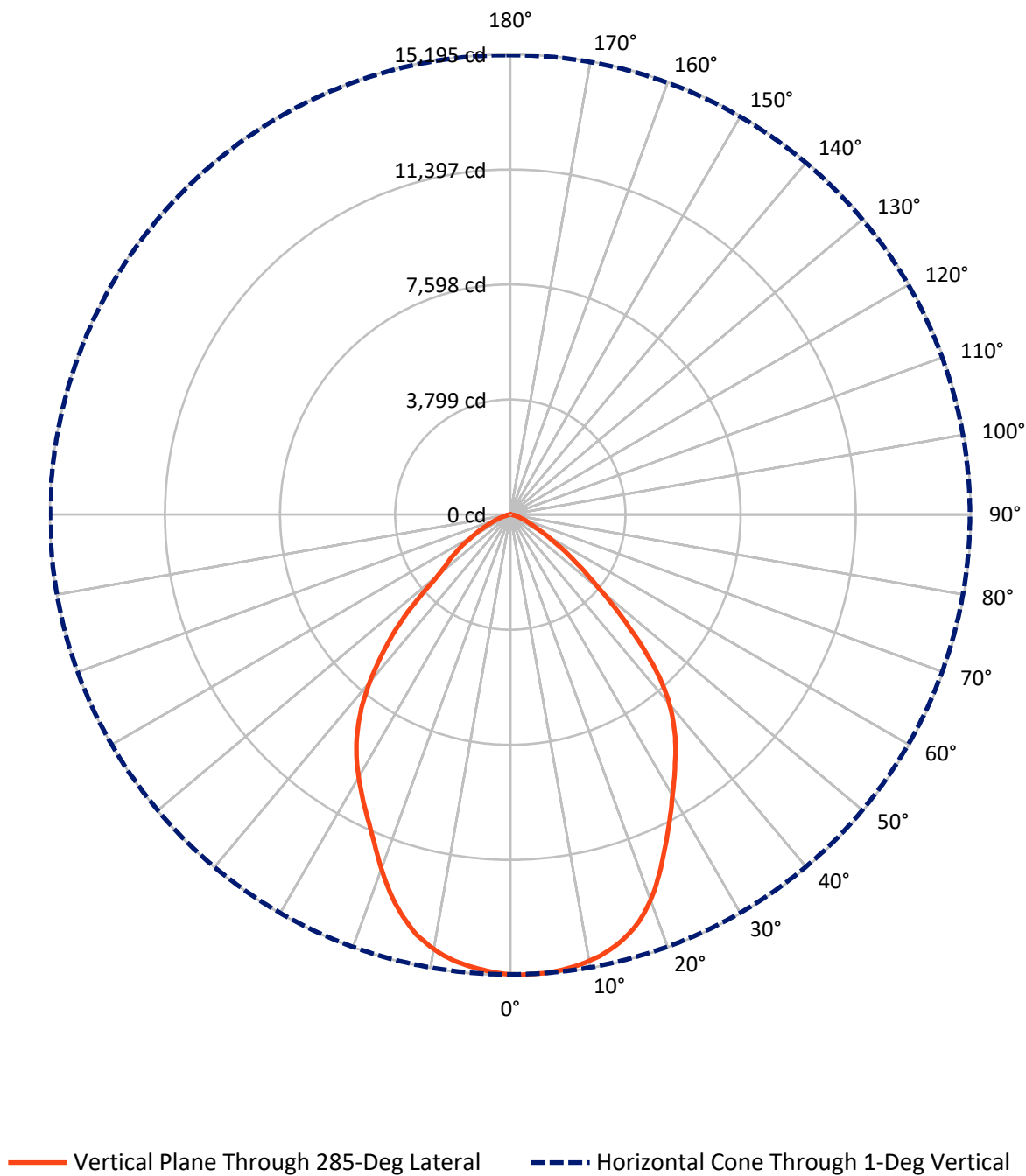
Based on 25 foot mounting height. Maximum calculated value = 24.3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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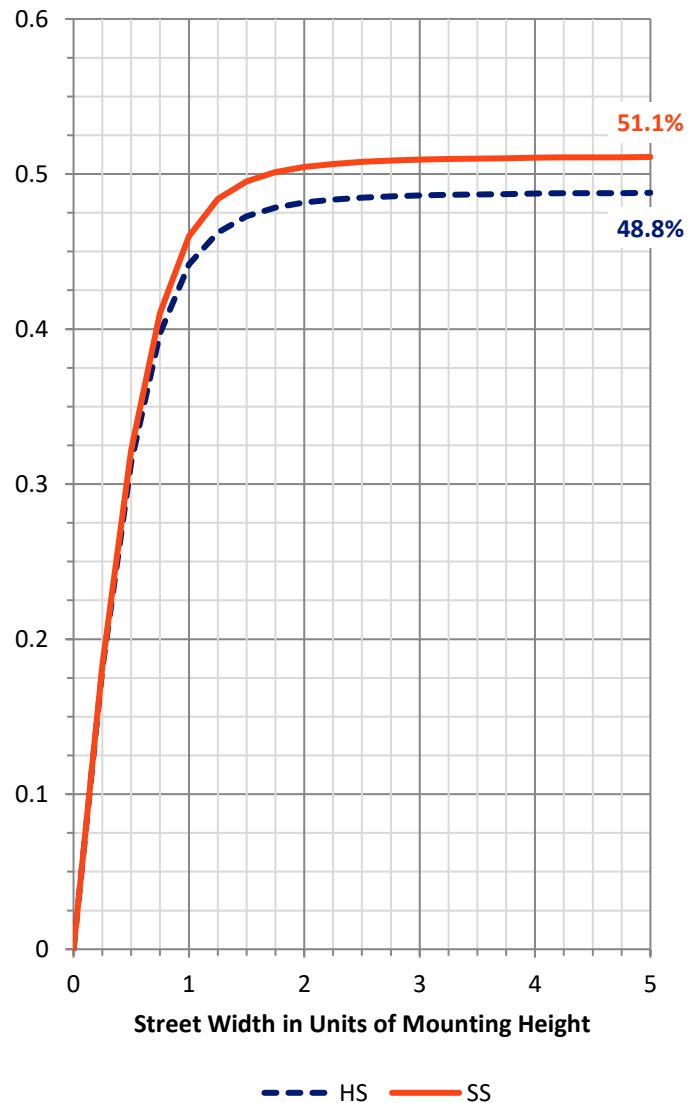
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11819.7	0.0	11819.7
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	12254.8	0.0	12254.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	24074.5	0.0	24074.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1430.7	5.9
10°-20°	3967.8	16.5
20°-30°	5363.4	22.3
30°-40°	5709.9	23.7
40°-50°	4448.1	18.5
50°-60°	2047.6	8.5
60°-70°	821.4	3.4
70°-80°	255.3	1.1
80°-90°	30.4	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°	24074.5	100.0
0°-180°	24074.5	100.0

Coefficient of Utilization



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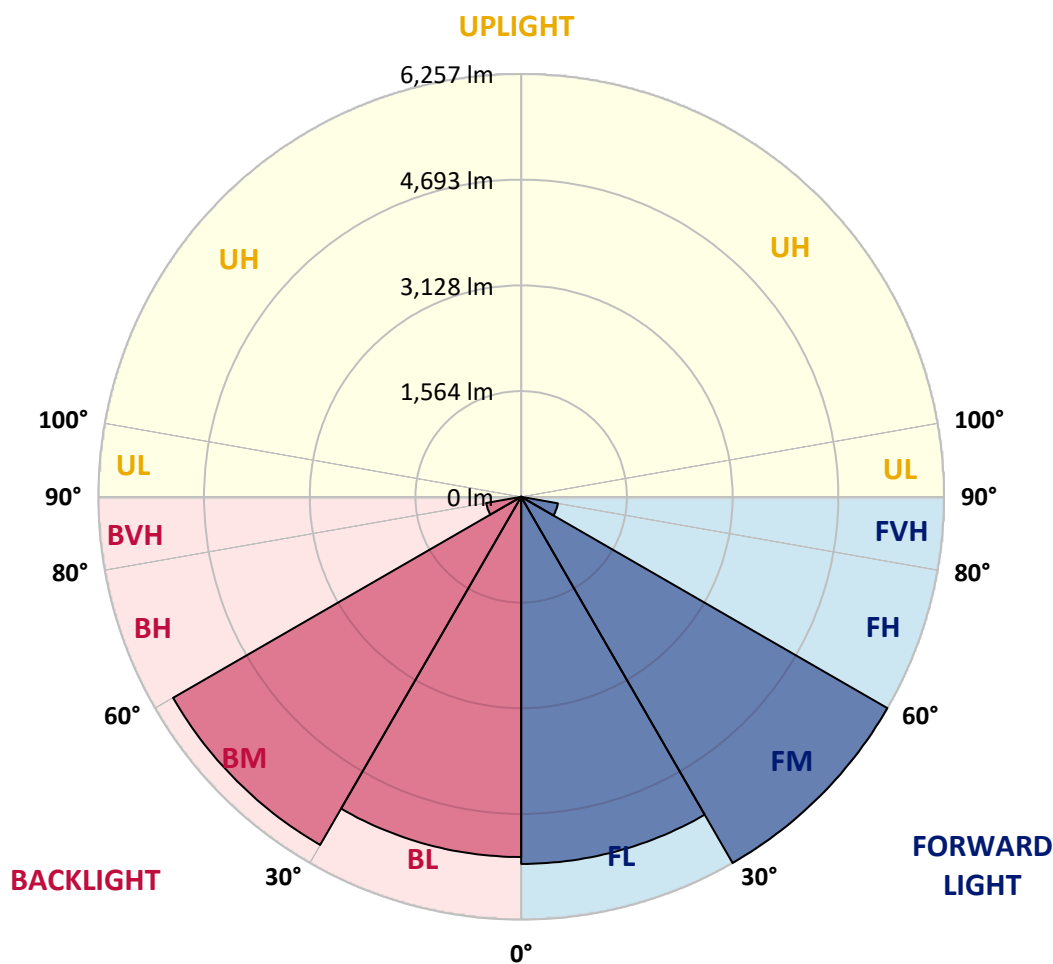
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5432.2	22.6			
FM	(30°-60°)	6257.0	26.0			
FH	(60°-80°)	551.0	2.3			G0/660
FVH	(80°-90°)	14.6	0.1			G1/100
BL	(0°-30°)	5329.7	22.1	B5		
BM	(30°-60°)	5948.5	24.7	B4/8500		
BH	(60°-80°)	525.7	2.2	B2/1000		G0/660
BVH	(80°-90°)	15.7	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°	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5
1°	15177.9	15177.1	15175.3	15173.7	15164.8	15165.6	15167.7	15165.3	15169.5	15168.2	15172.4
2°	15174.5	15167.4	15158.8	15157.2	15153.6	15143.4	15140.5	15132.1	15138.4	15146.8	15150.9
3°	15164.8	15154.3	15143.1	15131.9	15120.1	15112.0	15097.6	15100.7	15105.2	15114.9	15122.4
4°	15142.6	15127.2	15111.2	15097.9	15081.9	15067.3	15058.4	15050.5	15060.2	15070.9	15078.0
5°	15113.6	15090.8	15075.9	15049.5	15029.6	15016.0	15003.5	15000.3	15003.7	15012.9	15029.1
6°	15074.6	15049.8	15017.9	14995.4	14973.2	14958.5	14948.3	14948.1	14944.7	14952.0	14976.8
7°	15024.1	14999.0	14968.4	14936.3	14910.9	14893.4	14891.6	14886.6	14886.1	14893.7	14918.0
8°	14983.4	14947.5	14908.3	14875.6	14840.9	14820.2	14817.3	14813.4	14818.6	14830.4	14855.0
9°	14931.1	14885.8	14843.7	14807.1	14763.2	14740.2	14725.0	14724.5	14729.7	14746.0	14782.3
10°	14867.8	14819.4	14769.0	14721.9	14674.8	14643.5	14619.1	14621.2	14636.1	14653.1	14685.0
11°	14794.3	14734.7	14675.6	14621.5	14575.2	14535.2	14503.1	14499.4	14517.7	14547.8	14583.3
12°	14701.2	14637.4	14573.9	14508.6	14458.9	14407.1	14370.5	14359.3	14385.9	14420.7	14465.7
13°	14597.2	14529.7	14459.7	14385.1	14318.2	14262.0	14215.7	14215.5	14237.2	14278.2	14325.8
14°	14482.1	14403.2	14324.2	14244.7	14168.7	14097.5	14035.8	14031.9	14060.7	14114.3	14159.8
15°	14346.2	14258.6	14172.3	14088.1	13996.9	13908.3	13835.3	13825.6	13863.5	13930.0	13974.1
16°	14184.4	14085.8	13991.9	13909.0	13799.8	13702.5	13617.0	13609.4	13647.8	13715.3	13764.7
17°	13997.7	13901.7	13791.6	13705.1	13577.3	13471.1	13380.6	13376.2	13412.3	13478.2	13537.8
18°	13797.7	13690.5	13579.3	13470.8	13331.5	13228.2	13124.4	13122.1	13160.5	13223.2	13289.1
19°	13577.8	13460.1	13352.1	13223.2	13077.1	12966.8	12862.4	12856.2	12887.8	12952.9	13029.5
20°	13348.0	13229.0	13101.2	12947.7	12802.3	12689.6	12595.2	12578.2	12601.3	12660.3	12756.0
21°	13113.7	12982.2	12848.3	12664.3	12510.8	12409.3	12327.2	12297.2	12291.7	12356.0	12450.7
22°	12869.8	12718.4	12559.4	12359.1	12201.5	12126.2	12051.7	12007.5	11985.8	12046.4	12146.8
23°	12607.3	12437.8	12255.1	12039.4	11888.5	11847.7	11793.9	11731.9	11672.8	11710.5	11825.0
24°	12344.8	12168.0	11951.5	11719.4	11581.1	11582.9	11558.6	11473.1	11374.5	11379.2	11530.1
25°	12100.0	11918.9	11662.1	11406.4	11282.2	11334.5	11344.2	11224.2	11078.0	11053.7	11240.7
26°	11877.8	11683.0	11377.9	11095.3	10987.0	11097.4	11135.5	10994.1	10796.4	10753.6	10955.4
27°	11668.1	11457.4	11104.7	10788.6	10708.6	10868.9	10928.7	10772.1	10528.5	10448.4	10674.3
28°	11464.2	11231.8	10829.1	10492.1	10442.2	10645.3	10726.6	10555.4	10259.9	10155.6	10406.6
29°	11280.7	11014.0	10572.4	10206.9	10175.2	10426.2	10528.5	10337.1	10001.4	9867.2	10139.4
30°	11110.2	10806.9	10312.5	9922.4	9907.2	10209.2	10333.7	10121.4	9748.3	9585.9	9877.7
31°	10932.4	10599.6	10056.3	9646.8	9652.8	9991.4	10129.2	9901.0	9511.1	9323.4	9627.0
32°	10760.1	10402.2	9805.0	9384.6	9401.6	9776.8	9916.7	9677.7	9278.4	9061.7	9384.1
33°	10600.1	10215.5	9556.6	9121.1	9157.1	9544.9	9696.5	9446.8	9042.4	8807.8	9144.3
34°	10440.6	10033.5	9320.3	8860.6	8902.2	9311.9	9462.0	9202.6	8800.8	8551.6	8903.8
35°	10276.7	9852.3	9081.0	8590.6	8637.9	9058.6	9212.0	8939.3	8536.2	8289.4	8655.9
36°	10111.2	9662.8	8843.1	8307.9	8379.0	8792.9	8934.4	8665.6	8244.7	8009.1	8392.9
37°	9932.6	9454.1	8595.8	8030.8	8112.1	8520.8	8643.9	8379.8	7936.7	7695.3	8107.7
38°	9731.8	9208.6	8346.1	7766.2	7837.6	8221.7	8339.3	8075.8	7605.1	7358.3	7794.7
39°	9488.4	8932.0	8073.4	7481.7	7543.2	7905.6	8016.2	7744.8	7266.0	7014.0	7472.3
40°	9188.0	8632.4	7759.4	7173.5	7225.3	7551.5	7674.2	7397.3	6918.8	6667.6	7120.4
41°	8865.1	8303.0	7408.5	6841.4	6888.2	7176.9	7289.6	7046.7	6555.4	6313.8	6751.5
42°	8483.1	7935.4	7033.3	6489.5	6524.0	6763.0	6874.4	6657.6	6165.1	5945.4	6364.8
43°	8060.6	7535.6	6647.2	6119.0	6155.7	6327.9	6455.8	6279.8	5769.0	5558.0	5977.1
44°	7618.7	7094.3	6256.3	5743.1	5775.5	5901.8	6046.1	5892.1	5389.9	5217.3	5615.0

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7119.6	6642.5	5851.3	5365.3	5404.2	5502.5	5648.4	5528.7	5010.7	4876.4	5278.5
46°	6609.8	6189.6	5446.6	5001.9	5044.2	5108.8	5216.8	5088.9	4629.0	4535.4	4942.0
47°	6110.9	5751.4	5046.6	4646.0	4639.0	4662.0	4785.4	4647.9	4131.0	4179.3	4602.1
48°	5635.9	5321.4	4624.6	4231.9	4207.3	4245.0	4354.0	4154.5	3640.2	3737.7	4145.9
49°	5134.9	4847.6	4127.0	3776.2	3782.2	3842.1	3944.8	3657.5	3201.2	3294.6	3639.9
50°	4666.9	4345.6	3624.5	3286.5	3384.0	3446.7	3598.1	3240.7	2734.5	2735.3	3187.4
51°	4308.2	3821.7	3206.7	2881.0	3040.2	3152.3	3326.2	2958.6	2388.7	2296.7	2751.3
52°	3891.7	3337.7	2878.9	2587.0	2739.2	2888.5	3082.0	2747.9	2144.7	1950.1	2456.6
53°	3327.5	3036.0	2565.0	2418.7	2466.4	2609.9	2861.9	2583.3	1937.5	1681.5	2284.1
54°	3029.7	2806.7	2360.2	2251.6	2275.4	2376.2	2606.6	2457.9	1767.5	1423.4	2095.2
55°	2764.3	2490.9	2157.0	2084.4	2084.5	2142.6	2388.1	2295.6	1612.1	1206.0	1872.1
56°	2442.5	2256.9	1953.8	1894.6	1893.6	1909.0	2197.6	2135.0	1468.0	1028.5	1638.9
57°	2148.3	2025.6	1767.9	1736.5	1782.4	1746.3	2001.6	1972.7	1358.3	924.3	1450.9
58°	1854.5	1794.3	1606.5	1587.6	1621.3	1554.1	1811.2	1858.6	1249.1	852.5	1283.8
59°	1648.2	1646.3	1469.6	1440.8	1495.4	1393.9	1641.0	1676.7	1108.0	792.0	1152.9
60°	1453.4	1548.1	1345.4	1306.4	1363.8	1194.7	1504.3	1495.7	1005.6	736.3	1039.8
61°	1272.4	1401.9	1206.9	1188.5	1224.0	1027.6	1350.6	1379.8	947.8	687.9	938.2
62°	1117.6	1233.9	1082.9	1077.9	1094.6	940.7	1215.2	1270.5	868.6	644.6	849.9
63°	992.2	1085.7	971.8	975.2	988.6	866.6	1109.5	1157.1	789.5	604.2	773.8
64°	868.9	979.1	880.6	888.1	898.8	780.1	996.9	1028.8	717.3	565.0	705.9
65°	768.6	874.1	802.7	810.9	812.0	702.4	890.5	913.4	651.8	525.8	640.1
66°	687.0	779.0	725.0	737.7	732.6	635.9	787.4	805.8	593.9	487.3	583.0
67°	615.4	693.9	652.5	666.9	656.8	577.0	690.6	706.1	536.0	450.1	525.9
68°	551.4	613.2	584.3	595.1	583.4	521.9	612.4	628.9	478.0	415.2	468.8
69°	491.0	537.5	517.5	524.6	515.9	468.1	534.3	551.6	433.6	381.2	419.7
70°	435.8	469.4	452.7	461.1	456.6	418.6	456.8	475.1	394.0	349.2	376.8
71°	386.0	411.5	395.9	402.6	403.6	374.5	403.2	422.6	357.3	318.4	334.6
72°	339.7	360.3	344.9	354.8	355.4	334.3	355.6	373.5	321.3	287.6	295.9
73°	295.2	312.0	298.3	311.6	313.0	296.4	312.2	326.8	286.7	257.4	259.9
74°	256.4	269.3	256.6	273.2	273.0	261.4	271.2	284.8	253.9	228.5	227.1
75°	222.4	232.4	221.3	238.1	239.0	229.1	233.8	243.9	222.1	200.4	194.7
76°	188.6	195.5	185.9	202.5	203.8	196.8	198.8	206.8	191.8	174.5	163.7
77°	154.9	158.7	150.6	166.8	168.6	164.5	168.8	175.9	164.7	149.6	137.5
78°	125.5	126.3	123.9	137.4	142.3	139.4	143.2	148.1	139.2	124.4	114.5
79°	96.6	99.8	101.1	113.2	117.7	115.5	118.5	122.5	116.1	102.6	94.9
80°	73.3	76.9	79.8	92.1	94.0	93.8	94.5	100.3	95.0	84.6	77.9
81°	54.8	57.7	60.5	74.0	77.3	77.3	77.0	81.4	75.4	68.7	63.2
82°	40.8	45.3	47.7	56.4	60.0	61.9	62.3	65.3	60.1	52.8	48.5
83°	29.0	31.4	32.3	39.0	42.3	45.5	47.6	49.1	44.8	36.9	33.8
84°	18.7	21.9	22.6	23.7	28.2	31.2	32.9	33.1	29.6	25.1	23.0
85°	8.5	12.4	13.2	14.6	18.1	22.2	21.2	21.3	19.2	15.8	14.4
86°	2.7	3.0	3.8	5.8	8.1	13.2	11.8	11.7	10.3	8.5	7.9
87°	1.0	1.0	1.1	1.6	2.6	4.3	4.2	4.7	4.4	3.5	3.5
88°	0.4	0.4	0.4	0.5	0.6	0.8	1.0	1.0	1.2	1.3	1.5
89°	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.6	0.5



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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: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-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



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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: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5	15181.5
1°	15175.3	15176.8	15181.3	15183.9	15183.1	15187.5	15183.1	15189.1	15195.4	15186.5	15186.5
2°	15162.7	15163.2	15167.9	15173.2	15179.7	15182.1	15184.1	15189.4	15184.9	15184.9	15183.4
3°	15133.4	15139.4	15149.1	15163.2	15172.6	15171.6	15183.1	15190.9	15178.7	15180.7	15177.9
4°	15090.8	15102.6	15114.3	15134.7	15148.1	15156.2	15166.6	15170.6	15173.4	15167.4	15173.4
5°	15043.5	15063.9	15085.6	15101.0	15119.0	15132.9	15147.0	15162.2	15156.2	15157.0	15161.4
6°	14997.2	15016.8	15039.8	15058.4	15084.5	15098.9	15113.0	15121.7	15124.3	15134.2	15138.4
7°	14943.9	14972.4	14998.8	15015.5	15037.7	15052.4	15067.0	15080.3	15086.1	15091.9	15097.6
8°	14885.3	14916.2	14942.6	14965.0	14991.2	15004.5	15017.1	15034.3	15043.0	15051.1	15045.1
9°	14809.2	14845.0	14878.0	14902.0	14931.1	14947.0	14959.0	14977.9	14992.0	14994.6	14988.3
10°	14721.1	14758.2	14795.1	14825.7	14862.0	14878.5	14897.6	14920.1	14926.9	14936.6	14935.8
11°	14618.1	14651.6	14688.2	14733.7	14778.6	14806.6	14827.0	14851.1	14865.4	14868.1	14874.6
12°	14501.8	14530.8	14579.9	14626.2	14669.6	14716.7	14743.6	14758.5	14771.8	14788.3	14796.7
13°	14357.4	14398.5	14448.4	14509.1	14555.9	14608.7	14628.3	14651.3	14670.4	14691.6	14704.4
14°	14194.0	14245.3	14296.0	14368.4	14428.8	14469.6	14502.5	14529.5	14556.4	14587.0	14604.8
15°	14009.4	14063.3	14123.2	14208.7	14284.5	14328.4	14351.9	14388.0	14419.4	14460.4	14485.0
16°	13808.9	13861.5	13931.3	14023.0	14110.1	14152.2	14184.4	14223.8	14270.1	14320.6	14342.3
17°	13586.1	13644.7	13721.6	13820.9	13911.9	13949.8	13992.2	14034.8	14091.5	14153.0	14189.6
18°	13346.7	13418.6	13504.0	13602.1	13685.0	13728.6	13765.0	13818.6	13886.0	13971.8	14009.7
19°	13096.2	13179.1	13270.0	13366.8	13436.9	13479.0	13514.8	13577.5	13657.0	13754.8	13802.4
20°	12824.0	12910.3	13011.7	13111.9	13163.1	13201.3	13243.6	13313.5	13407.8	13514.5	13578.8
21°	12534.6	12626.4	12727.3	12835.3	12878.4	12901.9	12943.5	13036.0	13135.9	13247.8	13328.1
22°	12262.1	12376.1	12464.5	12537.5	12563.6	12574.1	12640.2	12737.5	12837.6	12960.0	13056.2
23°	11996.0	12148.4	12229.5	12251.2	12236.0	12233.1	12315.7	12436.0	12541.4	12650.7	12758.9
24°	11749.4	11937.4	12010.4	11979.5	11892.2	11879.6	11988.9	12136.7	12241.8	12328.3	12434.2
25°	11536.1	11751.3	11799.9	11704.5	11551.8	11532.2	11659.5	11828.4	11949.2	12001.5	12105.5
26°	11322.5	11570.9	11604.6	11434.1	11213.5	11198.3	11345.2	11548.1	11660.3	11680.4	11780.0
27°	11110.4	11403.0	11407.7	11171.4	10886.6	10868.9	11052.7	11271.5	11378.4	11364.8	11445.6
28°	10897.1	11237.8	11215.6	10909.7	10581.0	10556.4	10774.0	11023.6	11108.4	11053.7	11106.0
29°	10694.5	11071.2	11022.6	10649.8	10280.9	10250.5	10501.0	10775.5	10836.2	10754.1	10784.2
30°	10504.4	10904.4	10832.5	10384.1	9981.8	9956.7	10246.1	10530.5	10580.7	10457.6	10457.3
31°	10310.7	10737.1	10644.0	10123.2	9691.5	9673.2	9996.7	10299.4	10337.3	10165.8	10145.9
32°	10122.2	10571.1	10462.6	9865.1	9410.7	9404.5	9751.9	10069.9	10096.8	9875.3	9840.8
33°	9930.8	10407.7	10272.0	9613.9	9140.7	9153.2	9509.3	9851.0	9853.4	9586.4	9550.1
34°	9733.9	10251.3	10072.5	9369.4	8874.8	8905.4	9274.3	9628.5	9624.6	9303.0	9258.1
35°	9528.7	10093.7	9868.3	9118.4	8611.0	8653.3	9029.0	9398.2	9389.8	9017.8	8969.4
36°	9312.4	9915.6	9647.1	8851.2	8343.2	8400.0	8777.2	9165.8	9144.6	8736.7	8685.2
37°	9072.2	9701.2	9403.7	8584.8	8067.9	8133.8	8529.6	8928.9	8886.5	8458.0	8404.9
38°	8793.2	9446.0	9133.6	8295.1	7780.1	7851.7	8275.5	8678.4	8613.0	8169.1	8125.7
39°	8478.1	9156.9	8826.7	7979.3	7478.3	7548.9	8003.1	8414.1	8327.3	7870.5	7832.6
40°	8124.7	8824.6	8479.2	7636.8	7147.6	7225.3	7700.1	8114.2	8019.0	7564.4	7537.2
41°	7745.0	8458.8	8083.6	7271.5	6800.4	6885.9	7368.3	7769.6	7670.0	7234.4	7220.0
42°	7333.8	8053.8	7646.2	6868.4	6436.7	6529.8	7009.0	7391.5	7284.6	6887.5	6876.5
43°	6911.2	7618.0	7190.0	6438.5	6053.7	6162.4	6622.9	6975.0	6857.1	6523.0	6499.5
44°	6507.6	7194.7	6739.0	6002.2	5644.5	5772.1	6229.4	6542.6	6394.4	6129.2	6115.9

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CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	6104.1	6774.2	6286.1	5572.9	5268.5	5372.1	5819.4	6108.1	5918.3	5719.8	5728.2
46°	5725.8	6374.2	5870.9	5181.0	4892.3	4972.3	5426.5	5683.5	5430.6	5297.6	5344.6
47°	5282.9	5902.3	5407.4	4789.3	4516.3	4572.3	5033.2	5298.9	5006.6	4888.4	4974.9
48°	4839.8	5511.7	4943.8	4393.7	4113.4	4136.7	4638.7	4873.2	4566.0	4507.7	4616.2
49°	4397.1	5121.3	4482.6	3865.6	3583.5	3606.7	4149.0	4443.4	4114.0	4099.8	4181.4
50°	4020.4	4731.0	4114.2	3413.0	3025.5	3134.8	3635.5	3987.2	3696.7	3669.8	3688.8
51°	3677.3	4351.6	3856.4	3041.5	2522.9	2733.2	3185.5	3573.0	3358.4	3235.5	3189.7
52°	3413.8	3968.1	3548.2	2644.3	2071.7	2310.7	2842.8	3255.9	3069.7	2852.5	2776.9
53°	3267.6	3762.0	3396.0	2459.7	1824.4	2043.0	2631.8	3033.1	2797.8	2551.0	2495.3
54°	3073.1	3563.1	3226.1	2248.6	1569.8	1855.8	2488.3	2763.3	2527.8	2360.5	2309.8
55°	2868.1	3304.0	2943.7	2011.8	1319.5	1690.5	2379.0	2518.1	2294.9	2170.0	2126.7
56°	2569.9	3006.4	2639.4	1789.9	1117.2	1555.1	2255.3	2314.5	2062.8	1979.6	1943.5
57°	2289.0	2687.0	2366.8	1578.8	988.8	1451.7	2088.6	2111.5	1830.7	1849.0	1779.4
58°	2089.2	2419.9	2123.6	1392.9	910.0	1357.5	1927.6	1908.5	1597.4	1661.7	1638.1
59°	1873.4	2205.7	1902.7	1251.8	841.6	1219.5	1826.3	1750.9	1481.8	1503.2	1505.4
60°	1641.3	1970.1	1679.6	1153.9	783.1	1080.8	1654.4	1591.7	1319.1	1412.5	1381.7
61°	1455.6	1728.6	1479.7	1025.3	730.6	978.2	1466.5	1417.7	1129.4	1283.0	1262.5
62°	1295.2	1515.9	1290.7	902.6	683.2	904.4	1327.0	1292.9	999.5	1151.5	1152.2
63°	1142.7	1323.5	1140.4	804.2	639.9	827.8	1220.5	1186.2	888.2	1022.5	1050.9
64°	1032.7	1161.9	1012.2	723.5	599.1	758.4	1095.4	1068.7	792.9	919.9	951.3
65°	924.7	1016.3	903.3	652.6	558.3	690.0	977.3	956.6	719.2	835.9	860.0
66°	821.8	895.8	801.3	595.4	517.5	631.3	871.0	851.9	653.4	757.5	779.4
67°	728.3	782.3	714.3	538.2	479.2	572.7	770.9	755.3	596.1	682.6	703.9
68°	643.0	678.2	635.0	481.2	440.8	514.2	681.2	664.6	541.3	611.1	628.2
69°	557.6	588.8	555.6	432.7	406.4	467.8	608.8	582.4	489.1	543.3	553.1
70°	472.5	500.1	476.6	387.3	373.5	423.1	536.5	507.2	439.7	480.1	483.0
71°	405.8	433.6	414.0	344.2	341.4	381.3	464.4	443.9	392.1	420.8	421.6
72°	347.4	372.8	359.1	306.0	309.3	343.5	410.6	389.8	350.6	370.1	369.2
73°	297.2	316.5	309.5	270.3	277.2	308.7	362.6	340.8	312.1	325.6	324.4
74°	250.3	266.7	263.6	237.4	246.7	274.7	316.8	296.9	276.7	285.6	283.8
75°	209.9	223.7	221.0	205.5	216.7	241.7	273.5	256.7	241.1	248.2	246.2
76°	175.6	186.2	185.0	174.1	189.4	210.3	231.1	223.0	209.8	216.3	212.5
77°	146.5	155.1	154.7	146.5	162.8	179.8	195.1	189.4	178.5	184.4	178.9
78°	120.7	128.4	128.0	123.2	137.0	151.7	164.4	155.8	150.6	152.5	145.3
79°	98.5	104.4	104.4	103.0	114.0	128.2	138.0	131.3	127.8	128.3	121.1
80°	79.2	83.5	84.1	84.3	94.2	106.5	114.0	105.5	105.1	104.7	99.5
81°	64.5	68.4	68.6	69.1	76.4	85.8	92.8	84.1	83.8	83.7	80.0
82°	49.9	53.3	53.0	53.9	61.4	69.0	73.8	67.9	67.6	66.1	61.3
83°	35.3	38.3	37.5	38.7	46.4	52.3	58.0	52.9	50.9	49.0	43.5
84°	23.9	26.1	25.9	26.9	31.4	35.5	42.1	38.8	36.6	33.9	27.8
85°	15.1	16.3	16.4	17.1	20.4	24.2	26.3	26.0	23.9	24.2	17.9
86°	7.5	8.4	8.8	9.6	11.2	14.7	15.8	17.0	16.0	14.5	8.0
87°	3.3	3.5	3.8	4.2	5.0	7.3	8.4	8.1	8.1	4.9	2.5
88°	1.7	1.7	1.8	1.8	1.9	2.4	2.4	2.1	2.2	1.4	0.8
89°	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.6	0.6	0.4	0.3

REPORT NUMBER: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-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: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-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: P1440364
CATALOG NUMBER: XSF200-SFTR-6Hx6V-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: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	15181.5	15181.5	15181.5
1°	15184.1	15182.3	15177.9
2°	15181.5	15180.5	15174.5
3°	15181.3	15175.3	15164.8
4°	15171.1	15160.6	15142.6
5°	15148.1	15135.3	15113.6
6°	15119.8	15102.1	15074.6
7°	15075.6	15055.8	15024.1
8°	15028.1	15011.8	14983.4
9°	14984.7	14959.6	14931.1
10°	14926.9	14914.3	14867.8
11°	14862.6	14839.8	14794.3
12°	14784.9	14753.5	14701.2
13°	14693.7	14659.1	14597.2
14°	14585.2	14548.6	14482.1
15°	14468.3	14425.4	14346.2
16°	14326.3	14273.5	14184.4
17°	14165.8	14103.0	13997.7
18°	13990.4	13906.9	13797.7
19°	13791.4	13699.9	13577.8
20°	13567.1	13472.7	13348.0
21°	13327.0	13242.6	13113.7
22°	13067.2	12992.4	12869.8
23°	12781.1	12727.5	12607.3
24°	12482.3	12454.8	12344.8
25°	12186.6	12173.5	12100.0
26°	11882.0	11921.7	11877.8
27°	11587.1	11689.6	11668.1
28°	11292.2	11461.3	11464.2
29°	11018.2	11240.9	11280.7
30°	10732.9	11023.6	11110.2
31°	10456.3	10810.8	10932.4
32°	10198.2	10611.3	10760.1
33°	9940.2	10415.8	10600.1
34°	9684.7	10226.0	10440.6
35°	9418.3	10038.8	10276.7
36°	9170.2	9863.3	10111.2
37°	8928.1	9673.0	9932.6
38°	8657.8	9465.6	9731.8
39°	8360.5	9212.8	9488.4
40°	8039.7	8902.7	9188.0
41°	7695.1	8561.5	8865.1
42°	7312.1	8196.6	8483.1
43°	6928.5	7804.1	8060.6
44°	6536.8	7386.0	7618.7

REPORT NUMBER: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	6127.7	6923.3	7119.6
46°	5715.9	6452.7	6609.8
47°	5300.4	5988.8	6110.9
48°	4891.0	5533.9	5635.9
49°	4465.9	5043.2	5134.9
50°	3966.2	4538.0	4666.9
51°	3440.5	3971.7	4308.2
52°	2981.1	3563.6	3891.7
53°	2710.7	3152.9	3327.5
54°	2449.0	2818.2	3029.7
55°	2272.7	2591.6	2764.3
56°	2097.5	2359.7	2442.5
57°	1922.3	2127.7	2148.3
58°	1747.1	1895.6	1854.5
59°	1586.9	1715.9	1648.2
60°	1435.6	1515.9	1453.4
61°	1308.0	1338.5	1272.4
62°	1181.3	1204.5	1117.6
63°	1054.6	1079.1	992.2
64°	943.0	962.7	868.9
65°	844.8	858.0	768.6
66°	742.9	765.2	687.0
67°	646.8	686.8	615.4
68°	568.6	612.4	551.4
69°	499.6	544.1	491.0
70°	442.6	479.0	435.8
71°	389.0	422.5	386.0
72°	342.2	372.2	339.7
73°	299.6	322.1	295.2
74°	259.2	276.7	256.4
75°	225.0	239.6	222.4
76°	190.8	202.7	188.6
77°	156.7	165.9	154.9
78°	130.0	134.4	125.5
79°	107.7	106.0	96.6
80°	86.0	82.2	73.3
81°	65.5	61.5	54.8
82°	49.1	44.8	40.8
83°	35.0	32.9	29.0
84°	25.0	23.0	18.7
85°	15.1	13.2	8.5
86°	5.1	3.3	2.7
87°	1.4	1.1	1.0
88°	0.5	0.4	0.4
89°	0.2	0.2	0.2

REPORT NUMBER: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-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: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-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: P1440364

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)