

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: P1440372

Luminaire Tested: XSF200-SFTR-6Hx6V-850-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440372
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-850-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25470.8 lumens
Efficiency: N/A
Efficacy: 164.3 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

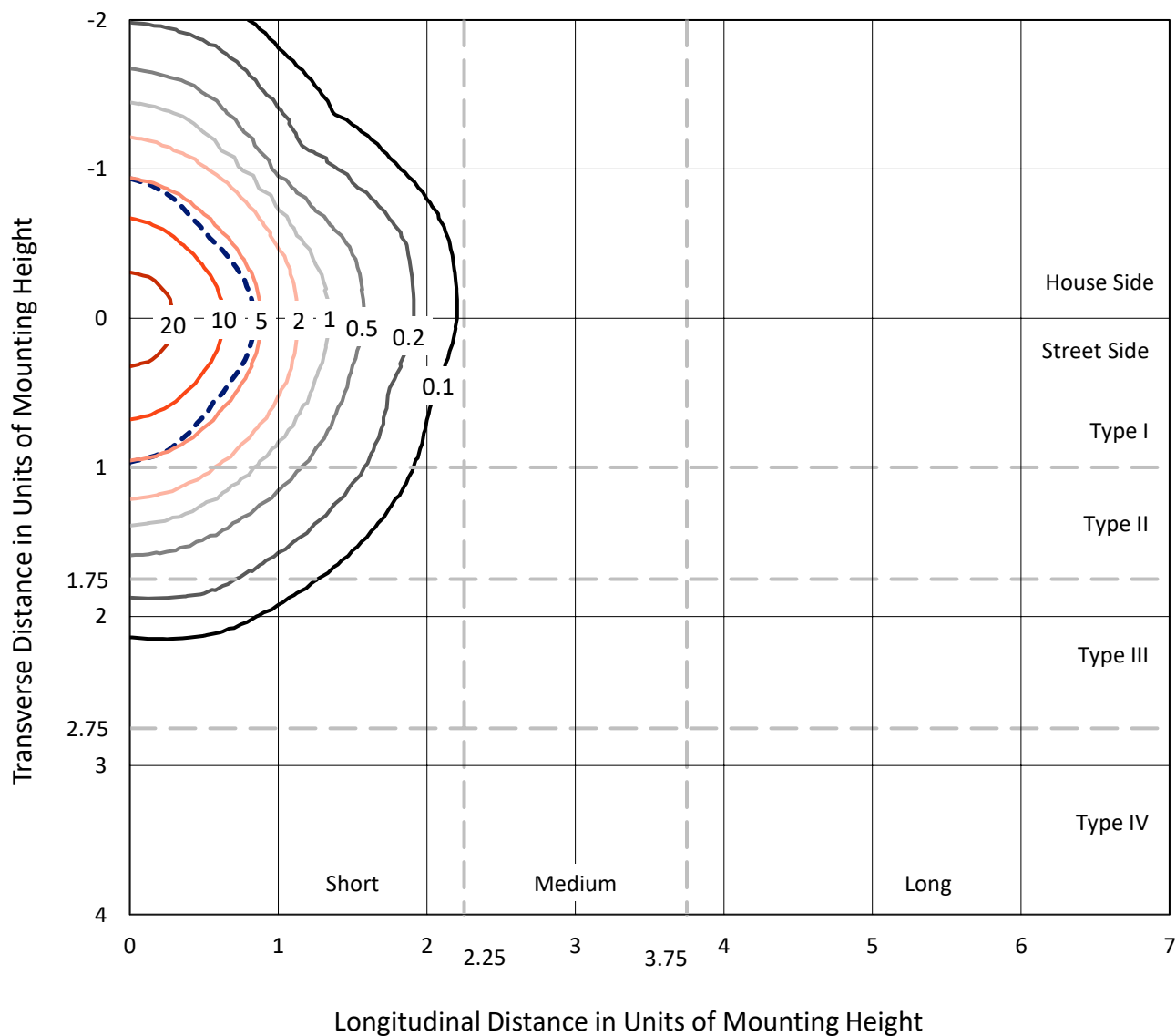
Input Watts (W): 155
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



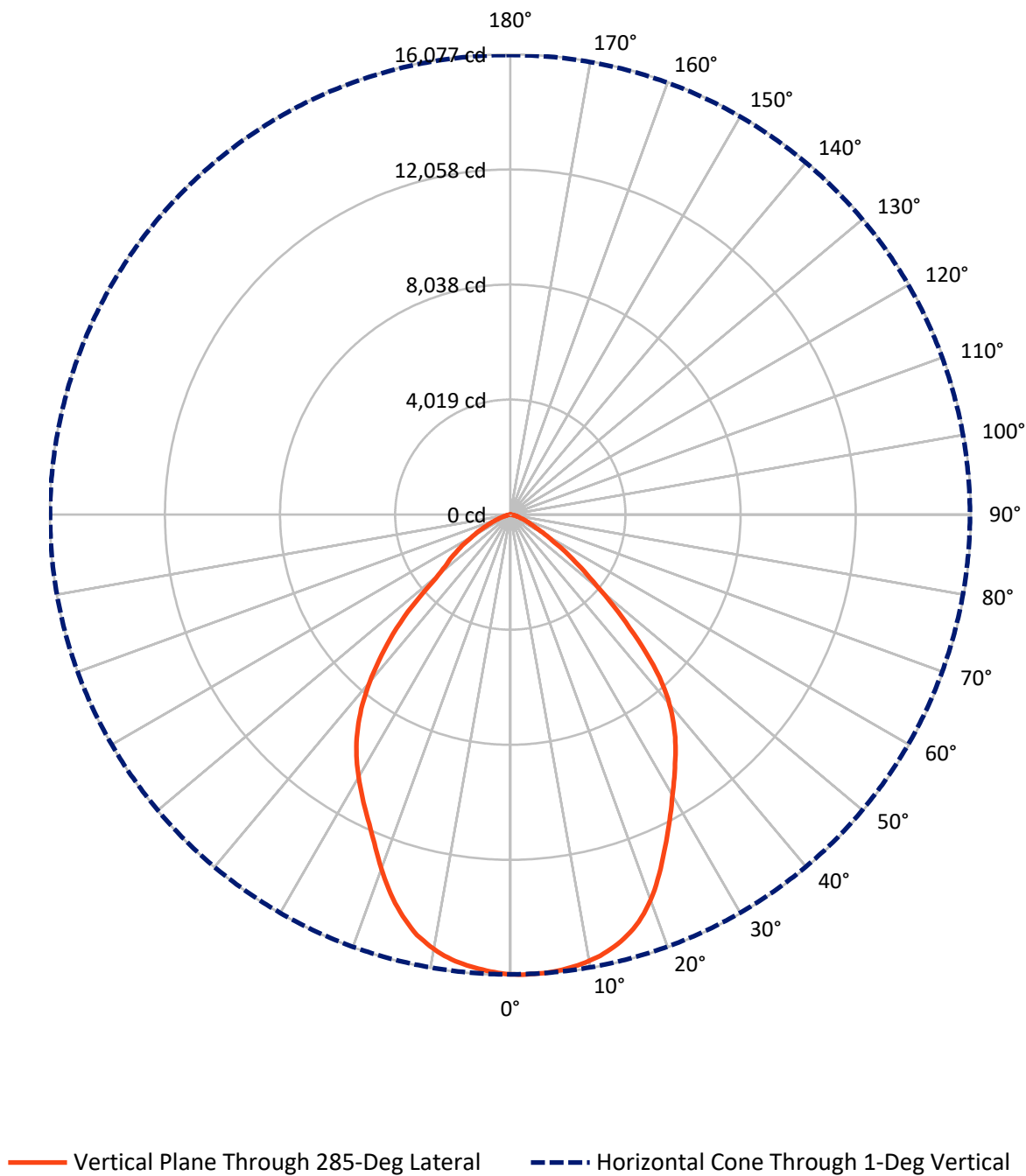
Based on 25 foot mounting height. Maximum calculated value = 25.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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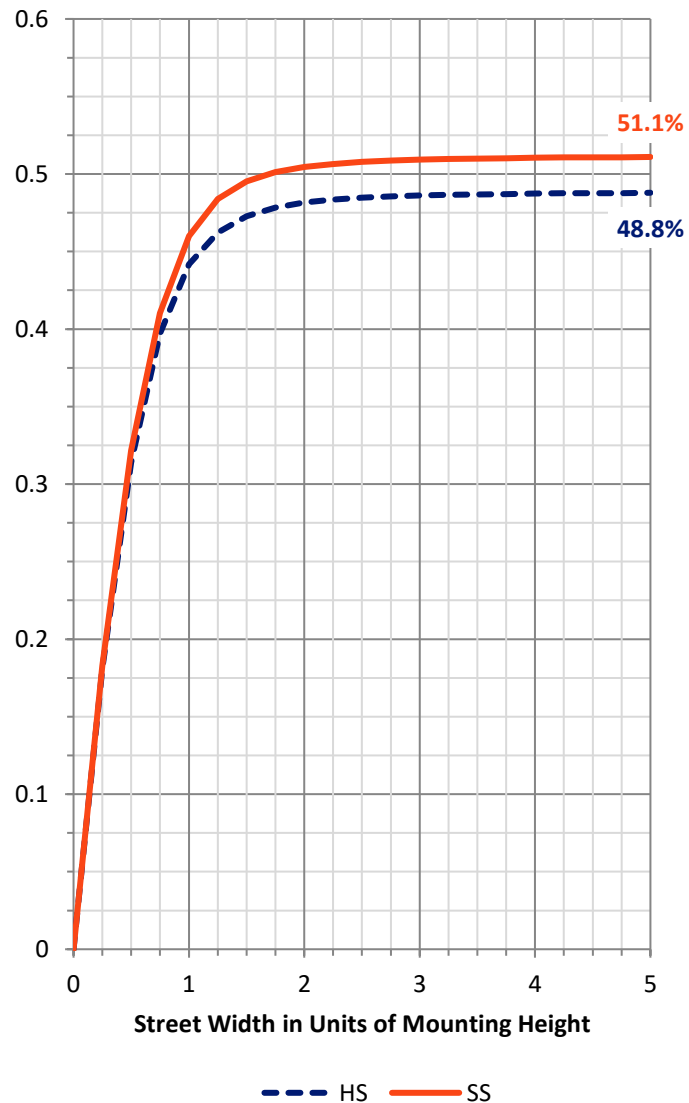
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12505.3	0.0	12505.3
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	12965.6	0.0	12965.6
	% Fixture	50.9	0.0	50.9
Total	Lumens	25470.8	0.0	25470.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1513.7	5.9
10°-20°	4197.9	16.5
20°-30°	5674.5	22.3
30°-40°	6041.0	23.7
40°-50°	4706.1	18.5
50°-60°	2166.3	8.5
60°-70°	869.1	3.4
70°-80°	270.1	1.1
80°-90°	32.1	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	25470.8	100.0
0°-180°	25470.8	100.0

Coefficient of Utilization



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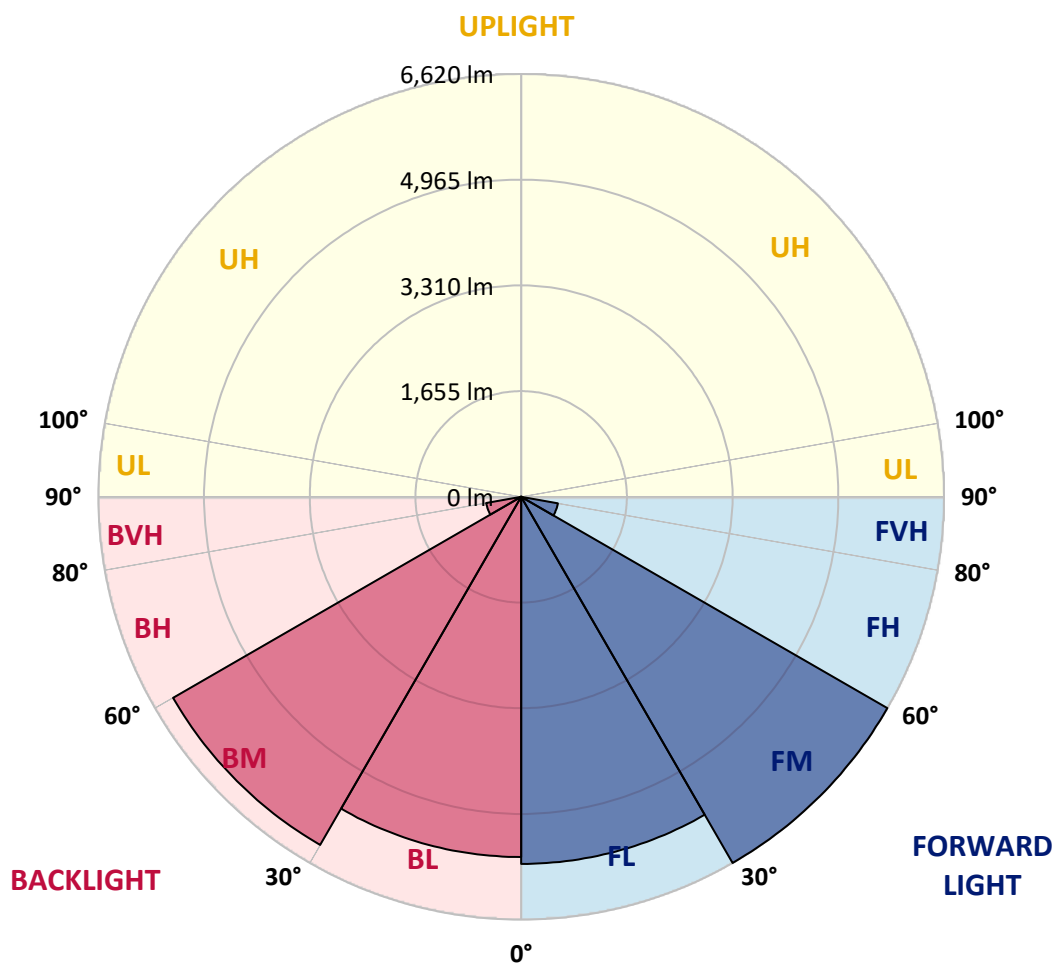
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5747.3	22.6			
FM	(30°-60°)	6619.9	26.0			
FH	(60°-80°)	582.9	2.3			G0/660
FVH	(80°-90°)	15.5	0.1			G1/100
BL	(0°-30°)	5638.9	22.1	B5		
BM	(30°-60°)	6293.5	24.7	B4/8500		
BH	(60°-80°)	556.2	2.2	B2/1000		G0/660
BVH	(80°-90°)	16.7	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°	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1
1°	16058.2	16057.4	16055.4	16053.8	16044.4	16045.2	16047.4	16044.9	16049.3	16048.0	16052.4
2°	16054.6	16047.1	16038.0	16036.3	16032.5	16021.7	16018.6	16009.8	16016.4	16025.3	16029.7
3°	16044.4	16033.3	16021.4	16009.5	15997.1	15988.5	15973.3	15976.6	15981.3	15991.5	15999.5
4°	16020.8	16004.5	15987.7	15973.5	15956.7	15941.2	15931.8	15923.5	15933.7	15945.1	15952.5
5°	15990.1	15966.1	15950.3	15922.4	15901.3	15887.0	15873.7	15870.4	15874.0	15883.6	15900.8
6°	15948.9	15922.6	15888.9	15865.1	15841.6	15826.1	15815.3	15815.0	15811.4	15819.2	15845.5
7°	15895.5	15869.0	15836.6	15802.6	15775.8	15757.2	15755.3	15750.0	15749.5	15757.5	15783.2
8°	15852.4	15814.5	15773.0	15738.4	15701.6	15679.8	15676.7	15672.6	15678.1	15690.6	15716.6
9°	15797.1	15749.2	15704.7	15665.9	15619.5	15595.1	15579.1	15578.5	15584.1	15601.2	15639.7
10°	15730.1	15678.9	15625.6	15575.8	15526.0	15492.8	15467.1	15469.3	15485.0	15503.0	15536.8
11°	15652.4	15589.3	15526.8	15469.5	15420.6	15378.3	15344.2	15340.4	15359.7	15391.5	15429.2
12°	15553.9	15486.4	15419.2	15350.0	15297.5	15242.7	15204.0	15192.1	15220.3	15257.1	15304.7
13°	15443.8	15372.5	15298.3	15219.5	15148.7	15089.2	15040.2	15040.0	15062.9	15106.3	15156.7
14°	15322.1	15238.6	15155.0	15070.9	14990.4	14915.2	14849.9	14845.8	14876.2	14932.9	14981.0
15°	15178.3	15085.6	14994.3	14905.2	14808.7	14714.9	14637.8	14627.5	14667.6	14737.9	14784.6
16°	15007.0	14902.8	14803.5	14715.8	14600.1	14497.2	14406.8	14398.8	14439.4	14510.8	14563.1
17°	14809.5	14708.0	14591.6	14500.0	14364.7	14252.4	14156.7	14152.0	14190.2	14259.9	14323.0
18°	14597.9	14484.5	14367.0	14252.2	14104.7	13995.5	13885.6	13883.1	13923.8	13990.2	14059.9
19°	14365.3	14240.8	14126.6	13990.2	13835.6	13718.8	13608.5	13601.8	13635.3	13704.2	13785.2
20°	14122.1	13996.3	13861.0	13698.6	13544.8	13425.6	13325.8	13307.8	13332.1	13394.6	13495.9
21°	13874.3	13735.2	13593.5	13398.8	13236.4	13129.1	13042.2	13010.4	13004.6	13072.7	13172.8
22°	13616.2	13456.0	13287.9	13076.0	12909.2	12829.5	12750.7	12703.9	12681.0	12745.1	12851.4
23°	13338.5	13159.2	12965.9	12737.7	12578.1	12534.9	12477.9	12412.4	12349.9	12389.7	12510.8
24°	13060.8	12873.8	12644.7	12399.1	12252.8	12254.7	12229.0	12138.5	12034.2	12039.2	12198.8
25°	12801.8	12610.2	12338.5	12068.0	11936.6	11991.9	12002.1	11875.2	11720.6	11694.8	11892.6
26°	12566.7	12360.6	12037.8	11738.8	11624.3	11741.0	11781.4	11631.8	11422.6	11377.3	11590.8
27°	12344.9	12121.9	11748.8	11414.3	11329.7	11499.3	11562.6	11396.9	11139.1	11054.5	11293.5
28°	12129.1	11883.2	11457.2	11100.7	11047.8	11262.8	11348.8	11167.6	10855.0	10744.6	11010.2
29°	11934.9	11652.8	11185.6	10798.9	10765.4	11030.9	11139.1	10936.6	10581.4	10439.5	10727.5
30°	11754.6	11433.7	10910.6	10497.9	10481.9	10801.4	10933.0	10708.4	10313.7	10141.9	10450.6
31°	11566.5	11214.3	10639.5	10206.3	10212.7	10570.9	10716.7	10475.2	10062.8	9864.2	10185.3
32°	11384.2	11005.5	10373.7	9928.9	9946.9	10343.8	10491.8	10239.0	9816.6	9587.3	9928.3
33°	11214.9	10808.0	10110.9	9650.1	9688.2	10098.5	10258.9	9994.7	9566.8	9318.7	9674.7
34°	11046.2	10615.5	9860.9	9374.6	9418.5	9852.0	10010.8	9736.4	9311.2	9047.6	9420.2
35°	10872.7	10423.8	9607.7	9088.8	9138.9	9584.0	9746.3	9457.8	9031.3	8770.2	9158.0
36°	10697.6	10223.2	9356.0	8789.8	8865.0	9302.9	9452.6	9168.2	8722.9	8473.6	8879.7
37°	10508.7	10002.5	9094.3	8496.6	8582.6	9015.0	9145.2	8865.9	8397.0	8141.7	8577.9
38°	10296.2	9742.7	8830.2	8216.6	8292.2	8698.5	8823.0	8544.2	8046.2	7785.1	8246.8
39°	10038.7	9450.1	8541.7	7915.7	7980.7	8364.1	8481.1	8194.0	7687.5	7420.8	7905.7
40°	9720.9	9133.1	8209.4	7589.5	7644.3	7989.5	8119.3	7826.3	7320.1	7054.3	7533.4
41°	9379.3	8784.5	7838.2	7238.2	7287.8	7593.1	7712.4	7455.4	6935.6	6680.0	7143.1
42°	8975.1	8395.6	7441.3	6865.9	6902.4	7155.3	7273.1	7043.8	6522.6	6290.3	6734.0
43°	8528.1	7972.7	7032.7	6474.0	6512.7	6695.0	6830.2	6644.1	6103.6	5880.3	6323.7
44°	8060.6	7505.7	6619.2	6076.2	6110.5	6244.1	6396.8	6233.8	5702.5	5519.9	5940.6

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7532.6	7027.7	6190.7	5676.5	5717.7	5821.7	5976.0	5849.3	5301.4	5159.2	5584.6
46°	6993.2	6548.6	5762.5	5292.0	5336.8	5405.1	5519.3	5384.1	4897.5	4798.5	5228.6
47°	6465.4	6085.0	5339.3	4915.5	4908.0	4932.4	5062.9	4917.4	4370.6	4421.7	4869.0
48°	5962.8	5630.0	4892.8	4477.3	4451.3	4491.2	4606.5	4395.4	3851.3	3954.5	4386.3
49°	5432.8	5128.8	4366.4	3995.2	4001.5	4064.9	4173.6	3869.6	3386.9	3485.7	3851.1
50°	4937.6	4597.7	3834.7	3477.1	3580.3	3646.6	3806.8	3428.7	2893.1	2894.0	3372.2
51°	4558.1	4043.3	3392.7	3048.0	3216.5	3335.2	3519.1	3130.2	2527.3	2429.9	2910.8
52°	4117.4	3531.3	3045.8	2737.0	2898.1	3056.1	3260.8	2907.2	2269.1	2063.2	2599.1
53°	3520.5	3212.1	2713.8	2559.0	2609.5	2761.3	3027.9	2733.1	2049.9	1779.1	2416.6
54°	3205.4	2969.5	2497.1	2382.1	2407.4	2514.0	2757.8	2600.5	1870.0	1506.0	2216.7
55°	2924.7	2635.4	2282.1	2205.3	2205.4	2266.9	2526.6	2428.7	1705.7	1276.0	1980.7
56°	2584.1	2387.8	2067.1	2004.5	2003.4	2019.7	2325.1	2258.8	1553.1	1088.1	1733.9
57°	2272.9	2143.1	1870.4	1837.2	1885.8	1847.6	2117.7	2087.2	1437.1	977.9	1535.0
58°	1962.1	1898.4	1699.6	1679.7	1715.3	1644.3	1916.3	1966.4	1321.5	902.0	1358.3
59°	1743.8	1741.8	1554.8	1524.4	1582.1	1474.7	1736.2	1774.0	1172.3	838.0	1219.7
60°	1537.7	1637.9	1423.5	1382.1	1442.9	1264.0	1591.5	1582.4	1063.9	779.0	1100.1
61°	1346.2	1483.2	1276.9	1257.5	1295.0	1087.2	1428.9	1459.8	1002.8	727.8	992.6
62°	1182.5	1305.5	1145.7	1140.4	1158.1	995.2	1285.7	1344.1	919.0	682.0	899.2
63°	1049.7	1148.7	1028.2	1031.8	1045.9	916.8	1173.8	1224.3	835.3	639.2	818.7
64°	919.3	1035.9	931.7	939.6	951.0	825.3	1054.8	1088.5	758.9	597.7	746.9
65°	813.2	924.8	849.2	858.0	859.1	743.2	942.1	966.4	689.6	556.3	677.2
66°	726.9	824.2	767.1	780.5	775.1	672.8	833.1	852.6	628.3	515.6	616.8
67°	651.1	734.1	690.3	705.6	694.9	610.5	730.6	747.1	567.1	476.2	556.4
68°	583.4	648.8	618.2	629.6	617.3	552.2	647.9	665.4	505.8	439.3	496.0
69°	519.4	568.7	547.5	555.0	545.8	495.2	565.3	583.6	458.7	403.3	444.0
70°	461.0	496.6	478.9	487.8	483.1	442.9	483.3	502.7	416.8	369.5	398.6
71°	408.4	435.4	418.9	425.9	427.0	396.2	426.6	447.2	378.1	336.9	354.0
72°	359.4	381.2	364.9	375.4	376.1	353.7	376.3	395.2	339.9	304.3	313.0
73°	312.3	330.1	315.6	329.7	331.2	313.6	330.3	345.8	303.3	272.4	274.9
74°	271.3	284.9	271.5	289.0	288.8	276.6	287.0	301.3	268.6	241.8	240.3
75°	235.4	245.9	234.1	251.9	252.8	242.4	247.3	258.0	235.0	212.1	206.0
76°	199.6	206.9	196.7	214.2	215.6	208.2	210.3	218.8	203.0	184.7	173.2
77°	163.8	167.9	159.3	176.5	178.4	174.0	178.6	186.1	174.3	158.3	145.4
78°	132.7	133.6	131.1	145.4	150.5	147.5	151.5	156.7	147.3	131.7	121.1
79°	102.2	105.6	106.9	119.8	124.5	122.2	125.4	129.6	122.9	108.6	100.4
80°	77.5	81.3	84.5	97.4	99.5	99.3	100.0	106.1	100.5	89.5	82.4
81°	58.0	61.1	64.0	78.3	81.8	81.8	81.5	86.1	79.8	72.6	66.9
82°	43.1	48.0	50.4	59.6	63.5	65.4	65.9	69.1	63.6	55.8	51.3
83°	30.7	33.3	34.1	41.2	44.7	48.2	50.3	52.0	47.4	39.0	35.8
84°	19.8	23.2	23.9	25.0	29.8	33.1	34.8	35.0	31.3	26.6	24.3
85°	9.0	13.2	14.0	15.5	19.1	23.5	22.4	22.5	20.3	16.7	15.3
86°	2.9	3.1	4.0	6.1	8.6	14.0	12.5	12.4	10.9	9.0	8.3
87°	1.0	1.1	1.2	1.7	2.8	4.5	4.5	4.9	4.6	3.7	3.7
88°	0.4	0.4	0.5	0.5	0.7	0.9	1.1	1.1	1.2	1.3	1.6
89°	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.6	0.6



REPORT NUMBER: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1	16062.1
1°	16055.4	16057.1	16061.8	16064.6	16063.7	16068.4	16063.7	16070.1	16076.7	16067.3	16067.3
2°	16042.1	16042.7	16047.7	16053.2	16060.1	16062.6	16064.8	16070.4	16065.7	16065.7	16064.0
3°	16011.2	16017.5	16027.8	16042.7	16052.7	16051.5	16063.7	16072.0	16059.0	16061.2	16058.2
4°	15966.1	15978.5	15991.0	16012.5	16026.7	16035.2	16046.3	16050.4	16053.5	16047.1	16053.5
5°	15916.0	15937.6	15960.5	15976.9	15995.9	16010.6	16025.5	16041.6	16035.2	16036.1	16040.8
6°	15867.0	15887.8	15912.1	15931.8	15959.4	15974.7	15989.6	15998.7	16001.5	16012.0	16016.4
7°	15810.6	15840.8	15868.7	15886.4	15909.9	15925.4	15940.9	15955.0	15961.1	15967.2	15973.3
8°	15748.7	15781.3	15809.2	15833.0	15860.7	15874.8	15888.1	15906.3	15915.5	15924.0	15917.7
9°	15668.2	15706.1	15740.9	15766.4	15797.1	15813.9	15826.7	15846.6	15861.5	15864.3	15857.6
10°	15574.9	15614.2	15653.2	15685.6	15724.0	15741.5	15761.7	15785.4	15792.6	15802.9	15802.0
11°	15466.0	15501.4	15540.1	15588.2	15635.8	15665.4	15687.0	15712.4	15727.6	15730.4	15737.3
12°	15342.9	15373.6	15425.6	15474.5	15520.4	15570.2	15598.7	15614.5	15628.6	15646.0	15654.9
13°	15190.2	15233.6	15286.4	15350.6	15400.1	15456.0	15476.7	15501.1	15521.3	15543.7	15557.2
14°	15017.3	15071.5	15125.2	15201.8	15265.7	15308.8	15343.7	15372.2	15400.7	15433.0	15451.8
15°	14822.0	14879.0	14942.3	15032.8	15113.0	15159.5	15184.4	15222.5	15255.7	15299.2	15325.2
16°	14609.8	14665.4	14739.3	14836.4	14928.5	14973.0	15007.0	15048.8	15097.8	15151.2	15174.1
17°	14374.1	14436.1	14517.4	14622.5	14718.8	14758.9	14803.7	14848.8	14908.8	14973.8	15012.6
18°	14120.8	14196.8	14287.3	14391.0	14478.7	14524.9	14563.3	14620.1	14691.4	14782.2	14822.3
19°	13855.8	13943.4	14039.7	14142.1	14216.2	14260.7	14298.6	14365.0	14449.1	14552.6	14602.9
20°	13567.8	13659.1	13766.4	13872.4	13926.6	13967.0	14011.8	14085.6	14185.5	14298.3	14366.4
21°	13261.6	13358.7	13465.5	13579.7	13625.3	13650.2	13694.2	13792.1	13897.8	14016.2	14101.1
22°	12973.4	13094.0	13187.5	13264.6	13292.3	13303.4	13373.3	13476.2	13582.2	13711.6	13813.4
23°	12691.8	12853.0	12938.8	12961.7	12945.7	12942.6	13030.1	13157.3	13268.8	13384.4	13498.9
24°	12430.9	12629.8	12707.0	12674.3	12581.9	12568.7	12684.3	12840.6	12951.8	13043.3	13155.4
25°	12205.2	12432.8	12484.3	12383.3	12221.8	12201.0	12335.7	12514.4	12642.2	12697.6	12807.7
26°	11979.2	12242.0	12277.7	12097.3	11863.8	11847.8	12003.3	12217.9	12336.6	12357.9	12463.3
27°	11754.9	12064.4	12069.4	11819.3	11518.1	11499.3	11693.7	11925.2	12038.4	12024.0	12109.5
28°	11529.1	11889.6	11866.1	11542.4	11194.7	11168.7	11398.8	11663.0	11752.6	11694.8	11750.2
29°	11314.8	11713.4	11661.9	11267.5	10877.1	10845.1	11110.1	11400.5	11464.7	11377.8	11409.6
30°	11113.7	11536.9	11460.8	10986.4	10560.7	10534.1	10840.4	11141.3	11194.4	11064.1	11063.9
31°	10908.7	11359.8	11261.4	10710.3	10253.7	10234.3	10576.5	10896.8	10936.9	10755.4	10734.4
32°	10709.2	11184.2	11069.4	10437.3	9956.6	9949.9	10317.5	10653.9	10682.4	10448.1	10411.6
33°	10506.8	11011.3	10867.7	10171.5	9670.8	9684.1	10060.8	10422.4	10424.9	10142.5	10104.0
34°	10298.5	10845.9	10656.7	9912.9	9389.5	9421.9	9812.2	10187.0	10182.8	9842.6	9795.0
35°	10081.3	10679.1	10440.6	9647.3	9110.4	9155.2	9552.7	9943.3	9934.4	9540.8	9489.6
36°	9852.6	10490.7	10206.6	9364.6	8827.1	8887.2	9286.3	9697.4	9675.0	9243.4	9189.0
37°	9598.3	10263.9	9949.1	9082.7	8535.9	8605.6	9024.4	9446.8	9401.9	8948.6	8892.4
38°	9303.2	9993.9	9663.3	8776.2	8231.3	8307.1	8755.5	9181.8	9112.6	8642.9	8597.0
39°	8969.9	9688.0	9338.6	8442.1	7912.1	7986.8	8467.3	8902.1	8810.3	8327.0	8286.9
40°	8595.9	9336.4	8971.0	8079.7	7562.2	7644.3	8146.7	8584.8	8484.1	8003.1	7974.3
41°	8194.2	8949.4	8552.5	7693.3	7194.8	7285.3	7795.6	8220.2	8114.8	7654.0	7638.8
42°	7759.1	8520.9	8089.7	7266.7	6810.0	6908.5	7415.6	7820.2	7707.1	7286.9	7275.3
43°	7312.1	8059.8	7607.0	6812.0	6404.8	6519.9	7007.0	7379.6	7254.8	6901.3	6876.4
44°	6885.0	7612.0	7129.8	6350.3	5971.9	6106.9	6590.7	6922.1	6765.2	6484.7	6470.6

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CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	6458.2	7167.2	6650.7	5896.1	5574.1	5683.7	6156.9	6462.3	6261.5	6051.6	6060.4
46°	6057.9	6743.9	6211.4	5481.4	5176.1	5260.7	5741.2	6013.1	5745.6	5604.8	5654.6
47°	5589.3	6244.6	5721.0	5067.1	4778.3	4837.5	5325.2	5606.2	5296.9	5171.9	5263.5
48°	5120.5	5831.4	5230.6	4648.6	4352.0	4376.6	4907.7	5155.9	4830.8	4769.2	4884.0
49°	4652.2	5418.4	4742.6	4089.8	3791.3	3815.9	4389.6	4701.1	4352.6	4337.6	4423.9
50°	4253.5	5005.4	4352.9	3611.0	3201.0	3316.6	3846.4	4218.4	3911.1	3882.6	3902.8
51°	3890.6	4604.0	4080.1	3217.9	2669.2	2891.8	3370.3	3780.3	3553.1	3423.1	3374.7
52°	3611.8	4198.2	3754.0	2797.7	2191.9	2444.7	3007.7	3444.7	3247.8	3017.9	2938.0
53°	3457.2	3980.2	3593.0	2602.4	1930.2	2161.5	2784.4	3209.0	2960.1	2699.0	2640.0
54°	3251.4	3769.7	3413.2	2379.0	1660.8	1963.5	2632.6	2923.6	2674.4	2497.4	2443.7
55°	3034.5	3495.6	3114.4	2128.5	1396.0	1788.6	2517.0	2664.2	2428.0	2295.9	2250.0
56°	2718.9	3180.8	2792.5	1893.7	1182.0	1645.3	2386.2	2448.8	2182.4	2094.4	2056.2
57°	2421.8	2842.8	2504.1	1670.4	1046.2	1535.9	2209.7	2234.0	1936.9	1956.2	1882.6
58°	2210.4	2560.3	2246.7	1473.7	962.8	1436.3	2039.4	2019.2	1690.1	1758.1	1733.1
59°	1982.0	2333.6	2013.1	1324.4	890.4	1290.3	1932.2	1852.4	1567.8	1590.4	1592.7
60°	1736.5	2084.3	1777.0	1220.9	828.6	1143.5	1750.4	1684.0	1395.6	1494.5	1461.8
61°	1540.0	1828.9	1565.5	1084.8	772.9	1034.9	1551.5	1499.9	1194.9	1357.4	1335.7
62°	1370.3	1603.8	1365.5	955.0	722.9	956.9	1404.0	1367.9	1057.5	1218.3	1219.1
63°	1209.0	1400.3	1206.6	850.8	677.0	875.9	1291.3	1255.0	939.7	1081.8	1111.9
64°	1092.6	1229.3	1070.9	765.5	633.8	802.4	1158.9	1130.6	838.9	973.3	1006.5
65°	978.4	1075.3	955.7	690.5	590.7	730.0	1034.0	1012.1	760.9	884.3	909.9
66°	869.5	947.8	847.8	629.9	547.5	667.9	921.5	901.3	691.3	801.4	824.7
67°	770.5	827.7	755.8	569.4	507.0	605.9	815.7	799.1	630.7	722.2	744.8
68°	680.3	717.5	671.8	509.1	466.3	544.1	720.7	703.2	572.7	646.6	664.7
69°	590.0	622.9	587.8	457.7	430.0	495.0	644.1	616.2	517.5	574.8	585.2
70°	499.9	529.1	504.3	409.8	395.1	447.6	567.6	536.7	465.2	507.9	511.0
71°	429.3	458.7	438.0	364.2	361.2	403.4	491.3	469.6	414.8	445.2	446.0
72°	367.5	394.5	379.9	323.8	327.2	363.5	434.5	412.4	370.9	391.6	390.6
73°	314.5	334.9	327.4	286.0	293.3	326.7	383.6	360.5	330.2	344.5	343.2
74°	264.8	282.2	278.9	251.2	261.0	290.7	335.2	314.1	292.7	302.2	300.2
75°	222.1	236.7	233.8	217.4	229.3	255.7	289.3	271.6	255.1	262.6	260.5
76°	185.8	197.0	195.7	184.2	200.3	222.5	244.5	235.9	221.9	228.8	224.9
77°	155.0	164.1	163.7	155.0	172.2	190.3	206.4	200.4	188.8	195.1	189.3
78°	127.7	135.9	135.4	130.3	144.9	160.5	174.0	164.8	159.3	161.3	153.7
79°	104.2	110.4	110.5	109.0	120.6	135.6	146.0	138.9	135.3	135.7	128.1
80°	83.8	88.4	89.0	89.2	99.6	112.7	120.6	111.6	111.2	110.8	105.3
81°	68.3	72.4	72.6	73.1	80.8	90.8	98.2	89.0	88.7	88.6	84.6
82°	52.8	56.4	56.1	57.0	64.9	73.0	78.1	71.8	71.5	70.0	64.8
83°	37.3	40.5	39.7	41.0	49.1	55.3	61.3	55.9	53.9	51.9	46.0
84°	25.3	27.6	27.4	28.5	33.3	37.6	44.5	41.1	38.7	35.9	29.4
85°	15.9	17.2	17.4	18.1	21.6	25.6	27.9	27.5	25.3	25.6	18.9
86°	8.0	8.9	9.3	10.2	11.8	15.6	16.8	18.0	16.9	15.4	8.5
87°	3.5	3.7	4.0	4.5	5.3	7.8	8.9	8.5	8.5	5.2	2.6
88°	1.8	1.8	1.9	1.9	2.0	2.5	2.5	2.3	2.4	1.5	0.8
89°	0.6	0.7	0.7	0.9	0.9	0.9	0.8	0.6	0.6	0.4	0.3

REPORT NUMBER: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	16062.1	16062.1	16062.1
1°	16064.8	16062.9	16058.2
2°	16062.1	16061.0	16054.6
3°	16061.8	16055.4	16044.4
4°	16051.0	16039.9	16020.8
5°	16026.7	16013.1	15990.1
6°	15996.8	15978.0	15948.9
7°	15950.0	15929.0	15895.5
8°	15899.7	15882.5	15852.4
9°	15853.8	15827.2	15797.1
10°	15792.6	15779.4	15730.1
11°	15724.6	15700.5	15652.4
12°	15642.4	15609.2	15553.9
13°	15545.9	15509.4	15443.8
14°	15431.1	15392.4	15322.1
15°	15307.4	15262.1	15178.3
16°	15157.2	15101.4	15007.0
17°	14987.4	14921.0	14809.5
18°	14801.8	14713.6	14597.9
19°	14591.3	14494.5	14365.3
20°	14353.9	14254.1	14122.1
21°	14100.0	14010.7	13874.3
22°	13825.1	13745.9	13616.2
23°	13522.4	13465.7	13338.5
24°	13206.3	13177.2	13060.8
25°	12893.4	12879.6	12801.8
26°	12571.2	12613.2	12566.7
27°	12259.1	12367.6	12344.9
28°	11947.1	12126.1	12129.1
29°	11657.2	11892.9	11934.9
30°	11355.4	11663.0	11754.6
31°	11062.8	11437.8	11566.5
32°	10789.7	11226.8	11384.2
33°	10516.7	11019.9	11214.9
34°	10246.5	10819.1	11046.2
35°	9964.6	10621.0	10872.7
36°	9702.1	10435.4	10697.6
37°	9445.9	10234.0	10508.7
38°	9159.9	10014.7	10296.2
39°	8845.4	9747.2	10038.7
40°	8506.0	9419.1	9720.9
41°	8141.4	9058.1	9379.3
42°	7736.2	8672.0	8975.1
43°	7330.4	8256.8	8528.1
44°	6916.0	7814.4	8060.6

REPORT NUMBER: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	6483.1	7324.8	7532.6
46°	6047.4	6826.9	6993.2
47°	5607.9	6336.2	6465.4
48°	5174.7	5854.9	5962.8
49°	4724.9	5335.7	5432.8
50°	4196.3	4801.2	4937.6
51°	3640.0	4202.1	4558.1
52°	3154.0	3770.3	4117.4
53°	2868.0	3335.7	3520.5
54°	2591.0	2981.7	3205.4
55°	2404.6	2741.9	2924.7
56°	2219.2	2496.5	2584.1
57°	2033.8	2251.1	2272.9
58°	1848.4	2005.6	1962.1
59°	1679.0	1815.4	1743.8
60°	1518.9	1603.8	1537.7
61°	1383.8	1416.1	1346.2
62°	1249.9	1274.4	1182.5
63°	1115.8	1141.7	1049.7
64°	997.7	1018.5	919.3
65°	893.8	907.8	813.2
66°	786.0	809.5	726.9
67°	684.3	726.7	651.1
68°	601.5	647.9	583.4
69°	528.6	575.7	519.4
70°	468.3	506.7	461.0
71°	411.6	447.0	408.4
72°	362.1	393.8	359.4
73°	317.0	340.8	312.3
74°	274.2	292.8	271.3
75°	238.0	253.5	235.4
76°	201.9	214.5	199.6
77°	165.8	175.5	163.8
78°	137.5	142.2	132.7
79°	113.9	112.1	102.2
80°	91.0	86.9	77.5
81°	69.3	65.0	58.0
82°	51.9	47.4	43.1
83°	37.1	34.8	30.7
84°	26.5	24.4	19.8
85°	15.9	13.9	9.0
86°	5.4	3.5	2.9
87°	1.5	1.2	1.0
88°	0.6	0.5	0.4
89°	0.2	0.2	0.2

REPORT NUMBER: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440372

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)