

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: P1440365

Luminaire Tested: XSF200-SFTR-6Hx6V-830-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440365
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-830-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18662.3 lumens
Efficiency: N/A
Efficacy: 156.8 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G1

Input Watts (W): 119
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

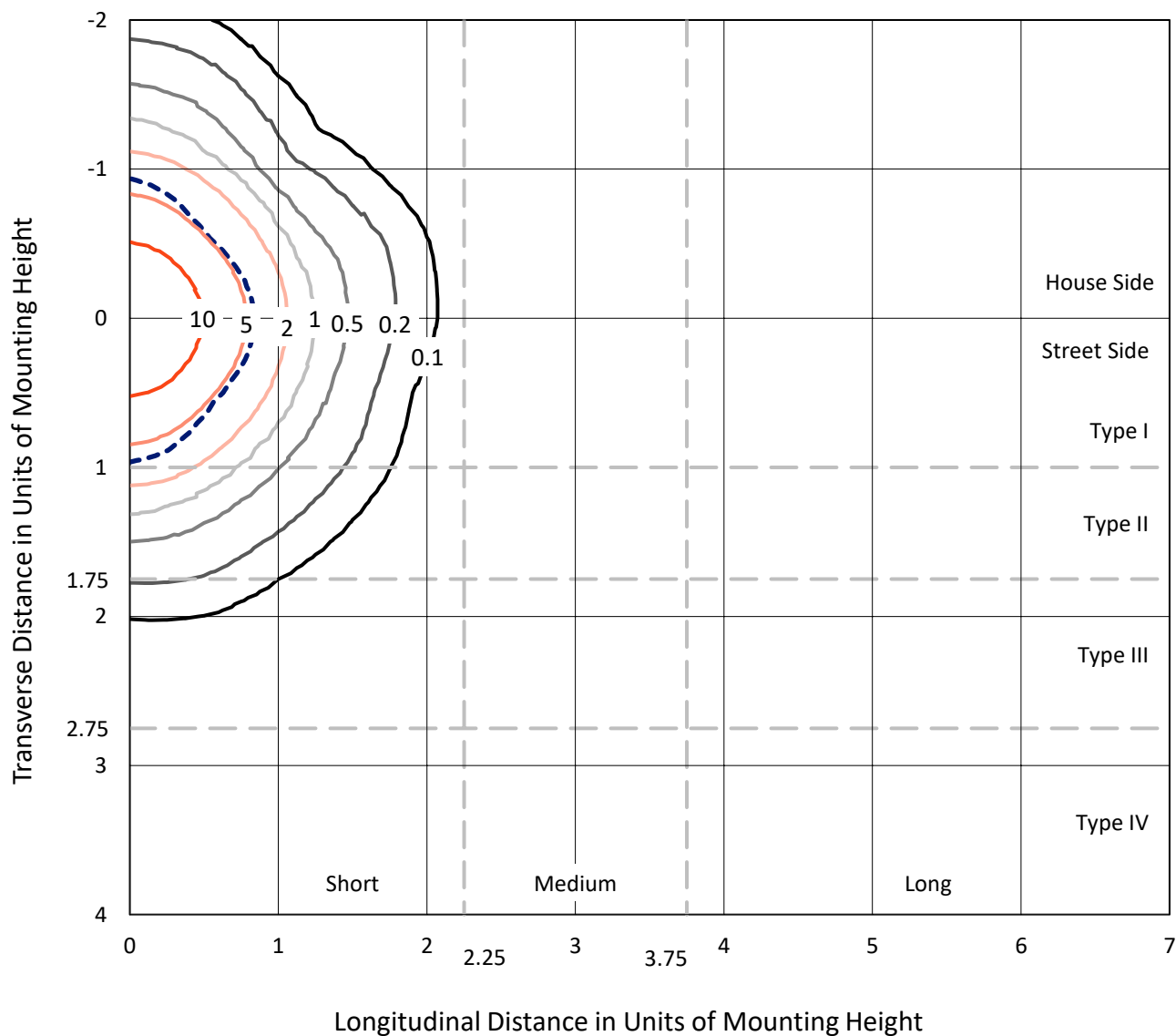
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



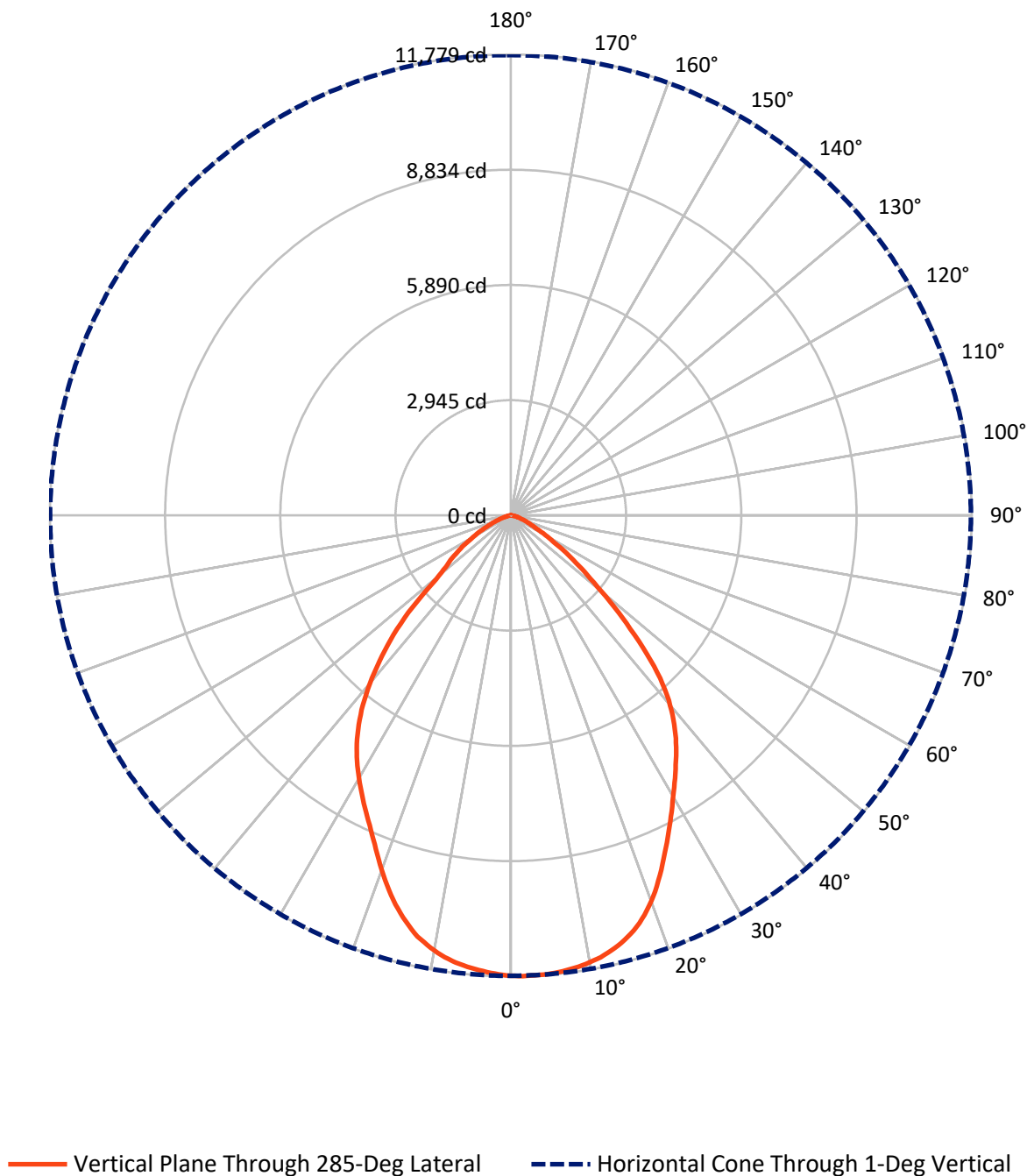
Based on 25 foot mounting height. Maximum calculated value = 18.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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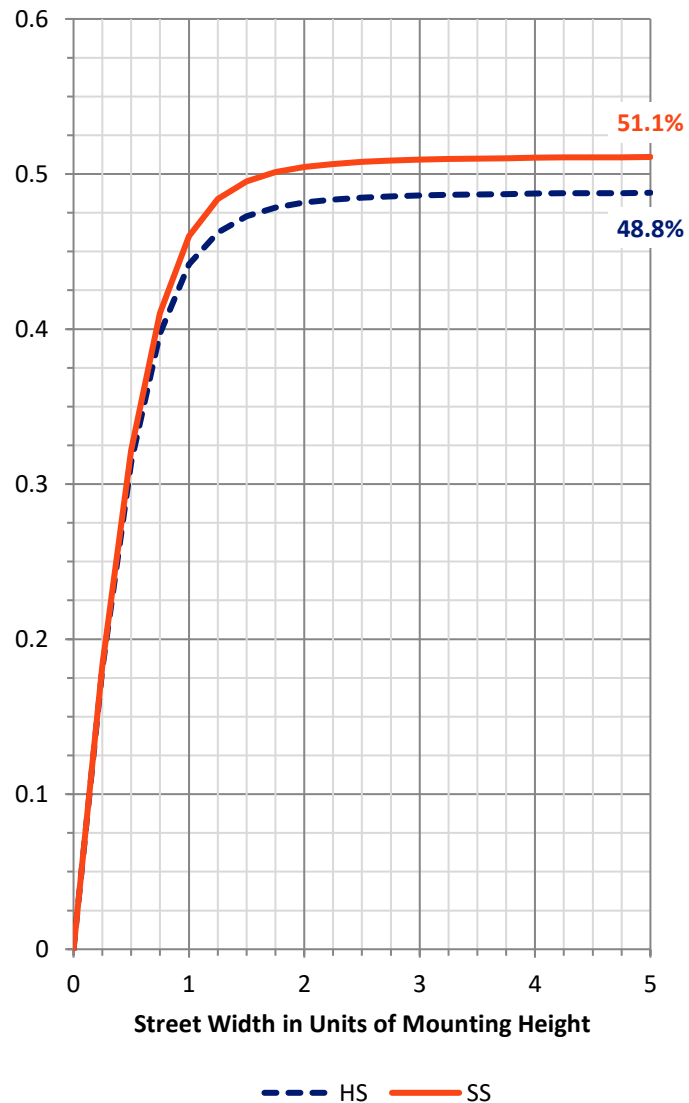
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9162.5	0.0	9162.5
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	9499.8	0.0	9499.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	18662.3	0.0	18662.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1109.1	5.9
10°-20°	3075.8	16.5
20°-30°	4157.7	22.3
30°-40°	4426.2	23.7
40°-50°	3448.1	18.5
50°-60°	1587.3	8.5
60°-70°	636.8	3.4
70°-80°	197.9	1.1
80°-90°	23.5	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°	18662.3	100.0
0°-180°	18662.3	100.0

Coefficient of Utilization



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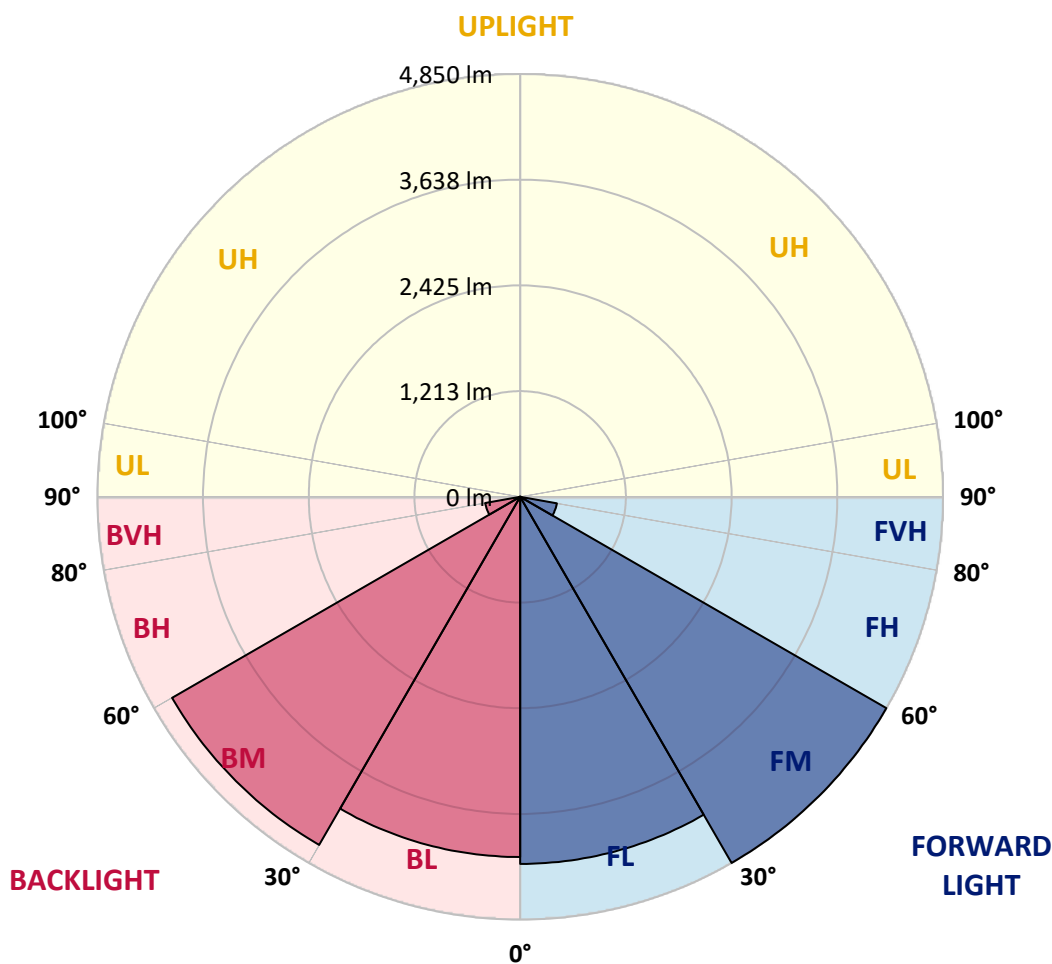
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4211.0	22.6			
FM	(30°-60°)	4850.3	26.0			
FH	(60°-80°)	427.1	2.3			G0/660
FVH	(80°-90°)	11.3	0.1			G1/100
BL	(0°-30°)	4131.5	22.1	B4/5000		
BM	(30°-60°)	4611.2	24.7	B3/5000		
BH	(60°-80°)	407.5	2.2	B1/500		G0/660
BVH	(80°-90°)	12.2	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5
1°	11765.7	11765.1	11763.7	11762.5	11755.6	11756.2	11757.8	11756.0	11759.2	11758.2	11761.4
2°	11763.1	11757.6	11750.9	11749.7	11746.9	11738.9	11736.7	11730.2	11735.1	11741.6	11744.8
3°	11755.6	11747.5	11738.7	11730.0	11720.9	11714.6	11703.5	11705.9	11709.4	11716.9	11722.7
4°	11738.3	11726.4	11714.0	11703.7	11691.3	11680.0	11673.1	11667.0	11674.5	11682.8	11688.3
5°	11715.8	11698.2	11686.7	11666.2	11650.8	11640.2	11630.5	11628.1	11630.7	11637.8	11650.4
6°	11685.6	11666.4	11641.7	11624.2	11607.0	11595.7	11587.8	11587.5	11584.9	11590.6	11609.8
7°	11646.5	11627.1	11603.4	11578.4	11558.8	11545.2	11543.8	11539.9	11539.5	11545.4	11564.2
8°	11614.9	11587.1	11556.7	11531.4	11504.5	11488.4	11486.2	11483.2	11487.2	11496.3	11515.4
9°	11574.4	11539.3	11506.7	11478.3	11444.3	11426.4	11414.7	11414.3	11418.3	11430.9	11459.1
10°	11525.3	11487.8	11448.7	11412.2	11375.8	11351.4	11332.6	11334.2	11345.8	11358.9	11383.7
11°	11468.4	11422.2	11376.4	11334.4	11298.5	11267.5	11242.6	11239.8	11253.9	11277.3	11304.8
12°	11396.2	11346.8	11297.5	11246.9	11208.3	11168.2	11139.8	11131.1	11151.8	11178.8	11213.6
13°	11315.6	11263.3	11209.0	11151.2	11099.3	11055.7	11019.9	11019.7	11036.5	11068.3	11105.2
14°	11226.4	11165.2	11104.0	11042.4	10983.4	10928.2	10880.4	10877.4	10899.7	10941.2	10976.5
15°	11121.0	11053.1	10986.2	10921.0	10850.2	10781.5	10725.0	10717.5	10746.9	10798.3	10832.6
16°	10995.5	10919.1	10846.4	10782.1	10697.4	10622.0	10555.7	10549.9	10579.6	10631.9	10670.2
17°	10850.8	10776.4	10691.1	10624.0	10524.9	10442.6	10372.5	10369.1	10397.0	10448.1	10494.3
18°	10695.8	10612.7	10526.5	10442.4	10334.4	10254.4	10173.9	10172.1	10201.9	10250.5	10301.6
19°	10525.3	10434.1	10350.4	10250.5	10137.2	10051.7	9970.8	9965.9	9990.5	10040.9	10100.3
20°	10347.2	10255.0	10155.9	10036.9	9924.2	9836.8	9763.7	9750.5	9768.3	9814.1	9888.3
21°	10165.6	10063.6	9959.9	9817.2	9698.2	9619.6	9555.9	9532.6	9528.4	9578.2	9651.6
22°	9976.5	9859.1	9735.9	9580.7	9458.4	9400.1	9342.3	9308.1	9291.2	9338.3	9416.1
23°	9773.0	9641.7	9500.0	9332.8	9215.8	9184.2	9142.5	9094.4	9048.6	9077.8	9166.6
24°	9569.5	9432.5	9264.7	9084.7	8977.5	8978.9	8960.1	8893.8	8817.4	8821.0	8938.0
25°	9379.8	9239.4	9040.3	8842.1	8745.8	8786.4	8793.9	8700.8	8587.6	8568.7	8713.6
26°	9207.5	9056.5	8820.0	8600.9	8517.0	8602.5	8632.1	8522.5	8369.3	8336.0	8492.5
27°	9045.0	8881.6	8608.2	8363.2	8301.2	8425.4	8471.8	8350.4	8161.5	8099.5	8274.6
28°	8886.9	8706.7	8394.6	8133.4	8094.6	8252.1	8315.2	8182.4	7953.4	7872.5	8067.1
29°	8744.6	8537.9	8195.6	7912.2	7887.7	8082.3	8161.5	8013.2	7752.9	7649.0	7859.9
30°	8612.5	8377.4	7994.1	7691.7	7680.0	7914.1	8010.5	7846.0	7556.7	7430.9	7657.1
31°	8474.7	8216.7	7795.5	7478.1	7482.8	7745.2	7852.0	7675.1	7372.9	7227.4	7462.7
32°	8341.1	8063.6	7600.7	7274.8	7288.0	7578.8	7687.3	7502.0	7192.5	7024.5	7274.4
33°	8217.1	7918.9	7408.2	7070.5	7098.5	7399.1	7516.6	7323.1	7009.5	6827.7	7088.6
34°	8093.4	7777.9	7225.0	6868.7	6900.9	7218.5	7334.8	7133.8	6822.2	6629.1	6902.1
35°	7966.4	7637.4	7039.5	6659.3	6696.0	7022.1	7141.1	6929.7	6617.1	6425.8	6710.0
36°	7838.1	7490.5	6855.1	6440.2	6495.3	6816.2	6925.8	6717.5	6391.2	6208.5	6506.1
37°	7699.6	7328.7	6663.4	6225.4	6288.4	6605.2	6700.6	6495.9	6152.4	5965.3	6285.0
38°	7544.0	7138.4	6469.8	6020.3	6075.6	6373.3	6464.5	6260.2	5895.4	5704.1	6042.4
39°	7355.3	6924.0	6258.4	5799.8	5847.4	6128.3	6214.0	6003.6	5632.5	5437.2	5792.5
40°	7122.4	6691.7	6015.0	5560.8	5600.9	5853.9	5948.9	5734.3	5363.4	5168.6	5519.7
41°	6872.1	6436.4	5743.0	5303.4	5339.7	5563.4	5650.8	5462.5	5081.7	4894.4	5233.7
42°	6576.0	6151.4	5452.2	5030.6	5057.4	5242.6	5328.9	5160.9	4779.1	4608.8	4933.9
43°	6248.5	5841.5	5152.8	4743.4	4771.8	4905.3	5004.5	4868.1	4472.0	4308.5	4633.4
44°	5906.0	5499.4	4849.8	4452.0	4477.1	4575.0	4686.9	4567.5	4178.1	4044.4	4352.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	5519.0	5149.2	4535.9	4159.1	4189.3	4265.5	4378.6	4285.8	3884.3	3780.1	4091.8
46°	5123.8	4798.1	4222.1	3877.4	3910.2	3960.3	4044.0	3944.9	3588.4	3515.8	3831.0
47°	4737.1	4458.4	3912.0	3601.5	3596.1	3613.9	3709.6	3603.0	3202.3	3239.8	3567.5
48°	4368.9	4125.0	3584.9	3280.5	3261.4	3290.6	3375.2	3220.5	2821.8	2897.4	3213.8
49°	3980.5	3757.8	3199.2	2927.2	2931.9	2978.3	3058.0	2835.2	2481.6	2553.9	2821.6
50°	3617.8	3368.7	2809.7	2547.6	2623.2	2671.9	2789.2	2512.2	2119.8	2120.4	2470.8
51°	3339.7	2962.5	2485.8	2233.3	2356.7	2443.7	2578.4	2293.5	1851.7	1780.4	2132.8
52°	3016.8	2587.4	2231.7	2005.4	2123.4	2239.2	2389.1	2130.1	1662.6	1511.7	1904.3
53°	2579.4	2353.5	1988.4	1874.9	1911.9	2023.2	2218.5	2002.5	1501.9	1303.5	1770.6
54°	2348.6	2175.7	1829.6	1745.4	1763.9	1842.0	2020.6	1905.3	1370.1	1103.4	1624.1
55°	2142.9	1930.9	1672.1	1615.8	1615.9	1660.9	1851.2	1779.5	1249.7	934.9	1451.2
56°	1893.4	1749.6	1514.6	1468.7	1467.9	1479.9	1703.5	1655.0	1137.9	797.2	1270.4
57°	1665.3	1570.2	1370.4	1346.1	1381.7	1353.7	1551.6	1529.2	1053.0	716.5	1124.7
58°	1437.6	1390.9	1245.3	1230.7	1256.8	1204.7	1404.0	1440.8	968.3	660.9	995.2
59°	1277.7	1276.2	1139.2	1116.9	1159.2	1080.5	1272.1	1299.8	858.9	614.0	893.7
60°	1126.7	1200.1	1043.0	1012.7	1057.2	926.1	1166.1	1159.4	779.5	570.8	806.0
61°	986.4	1086.7	935.6	921.3	948.8	796.6	1047.0	1069.6	734.8	533.3	727.3
62°	866.4	956.5	839.5	835.5	848.5	729.2	942.0	984.8	673.3	499.7	658.8
63°	769.1	841.6	753.3	756.0	766.3	671.8	860.1	897.0	612.0	468.3	599.8
64°	673.6	759.0	682.7	688.4	696.8	604.7	772.8	797.5	556.1	438.0	547.2
65°	595.8	677.6	622.2	628.6	629.4	544.5	690.3	708.1	505.3	407.6	496.2
66°	532.6	603.9	562.0	571.9	567.9	492.9	610.4	624.7	460.4	377.8	451.9
67°	477.1	537.9	505.8	517.0	509.1	447.3	535.3	547.4	415.5	348.9	407.7
68°	427.4	475.4	452.9	461.3	452.3	404.6	474.7	487.5	370.6	321.8	363.4
69°	380.6	416.7	401.2	406.7	399.9	362.8	414.2	427.6	336.1	295.5	325.3
70°	337.8	363.9	350.9	357.4	354.0	324.5	354.1	368.3	305.4	270.7	292.1
71°	299.2	319.0	306.9	312.1	312.8	290.3	312.6	327.6	277.0	246.8	259.4
72°	263.4	279.3	267.3	275.1	275.5	259.2	275.7	289.6	249.0	222.9	229.4
73°	228.8	241.9	231.2	241.5	242.6	229.8	242.0	253.3	222.2	199.6	201.4
74°	198.7	208.8	198.9	211.8	211.6	202.7	210.3	220.8	196.8	177.2	176.1
75°	172.4	180.1	171.5	184.6	185.3	177.6	181.2	189.0	172.2	155.4	150.9
76°	146.2	151.6	144.1	156.9	158.0	152.5	154.1	160.3	148.7	135.3	126.9
77°	120.0	123.0	116.7	129.3	130.7	127.5	130.9	136.3	127.7	116.0	106.6
78°	97.3	97.9	96.0	106.5	110.3	108.1	111.0	114.8	107.9	96.5	88.7
79°	74.9	77.4	78.3	87.8	91.2	89.5	91.9	94.9	90.0	79.6	73.6
80°	56.8	59.6	61.9	71.4	72.9	72.7	73.3	77.7	73.7	65.6	60.4
81°	42.5	44.8	46.9	57.4	59.9	59.9	59.7	63.1	58.4	53.2	49.0
82°	31.6	35.1	37.0	43.7	46.5	48.0	48.3	50.6	46.6	40.9	37.6
83°	22.5	24.4	25.0	30.2	32.8	35.3	36.9	38.1	34.7	28.6	26.2
84°	14.5	17.0	17.5	18.3	21.9	24.2	25.5	25.6	22.9	19.5	17.8
85°	6.6	9.6	10.2	11.3	14.0	17.2	16.4	16.5	14.9	12.2	11.2
86°	2.1	2.3	2.9	4.5	6.3	10.3	9.1	9.1	8.0	6.6	6.1
87°	0.8	0.8	0.9	1.2	2.0	3.3	3.3	3.6	3.4	2.7	2.7
88°	0.3	0.3	0.3	0.4	0.5	0.7	0.8	0.8	0.9	1.0	1.2
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4

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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: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

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: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5	11768.5
1°	11763.7	11764.9	11768.3	11770.4	11769.8	11773.2	11769.8	11774.4	11779.3	11772.4	11772.4
2°	11753.9	11754.4	11758.0	11762.1	11767.1	11768.9	11770.6	11774.6	11771.2	11771.2	11770.0
3°	11731.2	11735.9	11743.4	11754.4	11761.6	11760.8	11769.8	11775.8	11766.3	11767.9	11765.7
4°	11698.2	11707.3	11716.5	11732.3	11742.6	11748.9	11757.0	11760.0	11762.3	11757.6	11762.3
5°	11661.5	11677.3	11694.2	11706.1	11720.1	11730.8	11741.8	11753.5	11748.9	11749.5	11752.9
6°	11625.7	11640.9	11658.7	11673.1	11693.3	11704.5	11715.4	11722.1	11724.2	11731.9	11735.1
7°	11584.3	11606.4	11626.9	11639.8	11657.1	11668.4	11679.8	11690.1	11694.6	11699.0	11703.5
8°	11538.9	11562.8	11583.3	11600.7	11621.0	11631.3	11641.1	11654.4	11661.1	11667.4	11662.7
9°	11479.9	11507.7	11533.2	11551.9	11574.4	11586.7	11596.1	11610.7	11621.6	11623.6	11618.8
10°	11411.6	11440.4	11469.0	11492.7	11520.9	11533.6	11548.4	11565.9	11571.1	11578.6	11578.0
11°	11331.8	11357.7	11386.1	11421.4	11456.2	11477.9	11493.7	11512.4	11523.5	11525.5	11530.6
12°	11241.6	11264.1	11302.2	11338.1	11371.7	11408.2	11429.1	11440.6	11450.9	11463.7	11470.2
13°	11129.7	11161.5	11200.2	11247.3	11283.5	11324.5	11339.7	11357.5	11372.3	11388.7	11398.7
14°	11003.0	11042.8	11082.1	11138.2	11185.0	11216.7	11242.2	11263.1	11283.9	11307.7	11321.4
15°	10859.9	10901.7	10948.1	11014.4	11073.2	11107.2	11125.4	11153.4	11177.7	11209.6	11228.6
16°	10704.5	10745.2	10799.3	10870.5	10938.0	10970.6	10995.5	11026.1	11062.0	11101.1	11118.0
17°	10531.8	10577.2	10636.8	10713.8	10784.3	10813.7	10846.6	10879.6	10923.6	10971.2	10999.6
18°	10346.2	10401.9	10468.2	10544.2	10608.4	10642.3	10670.4	10712.0	10764.3	10830.8	10860.1
19°	10152.0	10216.2	10286.8	10361.8	10416.1	10448.7	10476.5	10525.1	10586.7	10662.5	10699.4
20°	9941.0	10007.9	10086.5	10164.2	10203.9	10233.5	10266.3	10320.4	10393.6	10476.3	10526.1
21°	9716.7	9787.8	9866.0	9949.7	9983.2	10001.4	10033.6	10105.4	10182.8	10269.6	10331.8
22°	9505.5	9593.8	9662.3	9718.9	9739.2	9747.3	9798.5	9873.9	9951.6	10046.4	10121.0
23°	9299.1	9417.3	9480.1	9497.0	9485.2	9483.0	9547.0	9640.2	9721.9	9806.6	9890.5
24°	9108.0	9253.7	9310.3	9286.4	9218.7	9209.0	9293.7	9408.2	9489.7	9556.7	9638.8
25°	8942.6	9109.4	9147.1	9073.2	8954.8	8939.6	9038.3	9169.2	9262.9	9303.4	9384.1
26°	8777.1	8969.6	8995.7	8863.6	8692.5	8680.8	8794.7	8952.0	9038.9	9054.5	9131.7
27°	8612.7	8839.5	8843.1	8659.9	8439.2	8425.4	8567.9	8737.5	8820.4	8809.9	8872.5
28°	8447.3	8711.4	8694.2	8457.0	8202.3	8183.2	8351.8	8545.4	8611.1	8568.7	8609.2
29°	8290.2	8582.3	8544.6	8255.6	7969.6	7946.1	8140.2	8353.1	8400.1	8336.4	8359.7
30°	8142.9	8453.0	8397.2	8049.7	7737.7	7718.3	7942.6	8163.1	8202.1	8106.6	8106.4
31°	7992.7	8323.3	8251.1	7847.4	7512.8	7498.6	7749.3	7984.0	8013.4	7880.4	7865.0
32°	7846.6	8194.6	8110.5	7647.3	7295.1	7290.2	7559.6	7806.0	7826.9	7655.2	7628.5
33°	7698.2	8067.9	7962.7	7452.6	7085.7	7095.5	7371.5	7636.4	7638.2	7431.3	7403.1
34°	7545.6	7946.7	7808.1	7263.1	6879.6	6903.3	7189.3	7463.9	7460.9	7211.6	7176.7
35°	7386.5	7824.5	7649.8	7068.5	6675.1	6707.9	6999.2	7285.4	7278.9	6990.5	6953.0
36°	7218.9	7686.5	7478.3	6861.4	6467.6	6511.5	6804.0	7105.2	7088.8	6772.6	6732.7
37°	7032.6	7520.3	7289.6	6654.8	6254.2	6305.2	6612.1	6921.6	6888.7	6556.5	6515.4
38°	6816.4	7322.5	7080.3	6430.3	6031.0	6086.5	6415.1	6727.4	6676.7	6332.6	6298.9
39°	6572.1	7098.3	6842.3	6185.4	5797.1	5851.8	6203.9	6522.5	6455.2	6101.1	6071.7
40°	6298.1	6840.7	6573.0	5919.9	5540.7	5600.9	5969.0	6290.0	6216.3	5863.8	5842.7
41°	6003.8	6557.2	6266.3	5636.8	5271.6	5337.9	5711.8	6022.9	5945.7	5608.0	5596.9
42°	5685.0	6243.2	5927.2	5324.3	4989.7	5061.8	5433.3	5729.8	5646.9	5339.1	5330.6
43°	5357.5	5905.3	5573.6	4991.1	4692.7	4777.1	5134.0	5407.0	5315.6	5056.5	5038.3
44°	5044.6	5577.2	5224.0	4652.8	4375.6	4474.5	4828.9	5071.7	4956.8	4751.3	4741.0

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CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4731.9	5251.3	4872.9	4320.0	4084.1	4164.4	4511.1	4734.9	4587.8	4433.9	4440.4
46°	4438.6	4941.2	4551.1	4016.2	3792.5	3854.5	4206.5	4405.8	4209.8	4106.6	4143.1
47°	4095.3	4575.4	4191.7	3712.6	3501.0	3544.4	3901.7	4107.6	3881.0	3789.4	3856.5
48°	3751.7	4272.6	3832.4	3406.0	3188.7	3206.7	3595.9	3777.7	3539.5	3494.3	3578.4
49°	3408.6	3970.0	3474.9	2996.6	2777.9	2795.9	3216.3	3444.5	3189.1	3178.1	3241.4
50°	3116.5	3667.4	3189.3	2645.7	2345.4	2430.1	2818.2	3090.8	2865.6	2844.7	2859.5
51°	2850.6	3373.3	2989.5	2357.7	1955.7	2118.8	2469.4	2769.8	2603.4	2508.1	2472.6
52°	2646.3	3076.0	2750.5	2049.9	1606.0	1791.2	2203.7	2523.9	2379.6	2211.2	2152.6
53°	2533.0	2916.3	2632.5	1906.7	1414.2	1583.7	2040.1	2351.2	2168.8	1977.5	1934.3
54°	2382.2	2762.1	2500.8	1743.1	1216.9	1438.6	1928.9	2142.1	1959.5	1829.8	1790.5
55°	2223.3	2561.2	2281.9	1559.5	1022.9	1310.5	1844.2	1952.0	1779.0	1682.2	1648.6
56°	1992.1	2330.6	2046.0	1387.5	866.0	1205.5	1748.3	1794.2	1599.0	1534.6	1506.6
57°	1774.4	2082.9	1834.7	1223.9	766.5	1125.4	1619.0	1636.8	1419.2	1433.3	1379.4
58°	1619.6	1875.9	1646.2	1079.8	705.5	1052.4	1494.3	1479.4	1238.3	1288.2	1269.8
59°	1452.2	1709.8	1475.0	970.4	652.4	945.4	1415.7	1357.3	1148.7	1165.3	1167.0
60°	1272.3	1527.2	1302.0	894.5	607.1	837.8	1282.5	1233.8	1022.5	1095.0	1071.1
61°	1128.4	1340.0	1147.0	794.8	566.3	758.3	1136.8	1098.9	875.5	994.5	978.7
62°	1004.0	1175.1	1000.5	699.7	529.6	701.1	1028.7	1002.3	774.8	892.6	893.2
63°	885.8	1026.0	884.0	623.4	496.0	641.7	946.1	919.5	688.5	792.6	814.7
64°	800.5	900.7	784.6	560.8	464.4	587.9	849.1	828.4	614.7	713.1	737.5
65°	716.8	787.8	700.2	505.9	432.8	534.9	757.6	741.5	557.5	648.0	666.7
66°	637.1	694.4	621.2	461.6	401.2	489.4	675.2	660.4	506.5	587.2	604.2
67°	564.6	606.4	553.7	417.2	371.5	443.9	597.6	585.5	462.1	529.1	545.7
68°	498.4	525.7	492.2	373.0	341.7	398.6	528.0	515.2	419.6	473.8	487.0
69°	432.3	456.4	430.7	335.4	315.0	362.6	471.9	451.5	379.1	421.2	428.8
70°	366.3	387.6	369.5	300.2	289.5	328.0	415.9	393.2	340.8	372.2	374.4
71°	314.6	336.1	320.9	266.8	264.7	295.5	360.0	344.1	303.9	326.2	326.8
72°	269.3	289.0	278.4	237.2	239.8	266.3	318.3	302.2	271.8	286.9	286.2
73°	230.4	245.4	239.9	209.6	214.9	239.3	281.1	264.1	242.0	252.4	251.4
74°	194.0	206.8	204.3	184.0	191.2	213.0	245.6	230.1	214.5	221.4	220.0
75°	162.7	173.4	171.3	159.3	168.0	187.3	212.0	199.0	186.9	192.4	190.9
76°	136.2	144.4	143.4	135.0	146.8	163.0	179.1	172.9	162.6	167.6	164.8
77°	113.5	120.2	119.9	113.6	126.2	139.4	151.2	146.8	138.3	142.9	138.7
78°	93.6	99.6	99.2	95.5	106.2	117.6	127.5	120.8	116.7	118.2	112.6
79°	76.3	80.9	80.9	79.8	88.4	99.3	107.0	101.8	99.1	99.4	93.9
80°	61.4	64.8	65.2	65.4	73.0	82.6	88.4	81.8	81.5	81.2	77.1
81°	50.0	53.1	53.2	53.6	59.2	66.5	72.0	65.2	65.0	64.9	62.0
82°	38.7	41.3	41.1	41.8	47.6	53.5	57.2	52.6	52.4	51.3	47.5
83°	27.4	29.7	29.1	30.0	35.9	40.5	44.9	41.0	39.5	38.0	33.7
84°	18.6	20.3	20.1	20.9	24.4	27.5	32.6	30.1	28.4	26.3	21.5
85°	11.7	12.6	12.7	13.2	15.8	18.7	20.4	20.1	18.6	18.7	13.9
86°	5.8	6.5	6.8	7.5	8.7	11.4	12.3	13.2	12.4	11.3	6.2
87°	2.6	2.7	3.0	3.3	3.9	5.7	6.5	6.2	6.2	3.8	1.9
88°	1.3	1.3	1.4	1.4	1.5	1.9	1.9	1.7	1.7	1.1	0.6
89°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.3	0.2

REPORT NUMBER: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

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: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

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: P1440365
CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

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: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	11768.5	11768.5	11768.5
1°	11770.6	11769.1	11765.7
2°	11768.5	11767.7	11763.1
3°	11768.3	11763.7	11755.6
4°	11760.4	11752.3	11738.3
5°	11742.6	11732.7	11715.8
6°	11720.7	11706.9	11685.6
7°	11686.5	11671.1	11646.5
8°	11649.6	11637.0	11614.9
9°	11615.9	11596.5	11574.4
10°	11571.1	11561.4	11525.3
11°	11521.3	11503.6	11468.4
12°	11461.1	11436.8	11396.2
13°	11390.3	11363.6	11315.6
14°	11306.2	11277.9	11226.4
15°	11215.6	11182.4	11121.0
16°	11105.6	11064.6	10995.5
17°	10981.1	10932.5	10850.8
18°	10845.1	10780.5	10695.8
19°	10690.9	10620.0	10525.3
20°	10517.0	10443.9	10347.2
21°	10331.0	10265.5	10165.6
22°	10129.5	10071.5	9976.5
23°	9907.8	9866.2	9773.0
24°	9676.1	9654.8	9569.5
25°	9446.9	9436.8	9379.8
26°	9210.8	9241.6	9207.5
27°	8982.2	9061.6	9045.0
28°	8753.5	8884.7	8886.9
29°	8541.1	8713.8	8744.6
30°	8320.0	8545.4	8612.5
31°	8105.6	8380.4	8474.7
32°	7905.5	8225.8	8341.1
33°	7705.5	8074.2	8217.1
34°	7507.5	7927.0	8093.4
35°	7301.0	7781.9	7966.4
36°	7108.6	7645.9	7838.1
37°	6921.0	7498.4	7699.6
38°	6711.4	7337.7	7544.0
39°	6480.9	7141.7	7355.3
40°	6232.3	6901.3	7122.4
41°	5965.1	6636.8	6872.1
42°	5668.2	6353.9	6576.0
43°	5370.9	6049.7	6248.5
44°	5067.3	5725.6	5906.0

REPORT NUMBER: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4750.1	5366.8	5519.0
46°	4430.9	5002.0	5123.8
47°	4108.8	4642.5	4737.1
48°	3791.4	4289.8	4368.9
49°	3461.9	3909.4	3980.5
50°	3074.6	3517.8	3617.8
51°	2667.0	3078.8	3339.7
52°	2310.9	2762.5	3016.8
53°	2101.3	2444.1	2579.4
54°	1898.4	2184.6	2348.6
55°	1761.8	2009.0	2142.9
56°	1626.0	1829.2	1893.4
57°	1490.1	1649.3	1665.3
58°	1354.3	1469.5	1437.6
59°	1230.2	1330.1	1277.7
60°	1112.9	1175.1	1126.7
61°	1013.9	1037.6	986.4
62°	915.8	933.7	866.4
63°	817.5	836.5	769.1
64°	731.0	746.3	673.6
65°	654.9	665.1	595.8
66°	575.9	593.1	532.6
67°	501.4	532.4	477.1
68°	440.7	474.7	427.4
69°	387.3	421.8	380.6
70°	343.1	371.3	337.8
71°	301.6	327.5	299.2
72°	265.3	288.5	263.4
73°	232.3	249.7	228.8
74°	200.9	214.5	198.7
75°	174.4	185.7	172.4
76°	147.9	157.2	146.2
77°	121.5	128.6	120.0
78°	100.7	104.2	97.3
79°	83.5	82.2	74.9
80°	66.7	63.7	56.8
81°	50.8	47.7	42.5
82°	38.1	34.7	31.6
83°	27.2	25.5	22.5
84°	19.4	17.9	14.5
85°	11.7	10.2	6.6
86°	3.9	2.6	2.1
87°	1.1	0.9	0.8
88°	0.4	0.3	0.3
89°	0.2	0.2	0.2

REPORT NUMBER: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

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: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

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: P1440365

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)