

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: P1440335

Luminaire Tested: XSF100-SFTR-6Hx6V-850-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440335
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-850-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16794.1 lumens
Efficiency: N/A
Efficacy: 154.1 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G1

Input Watts (W): 109
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

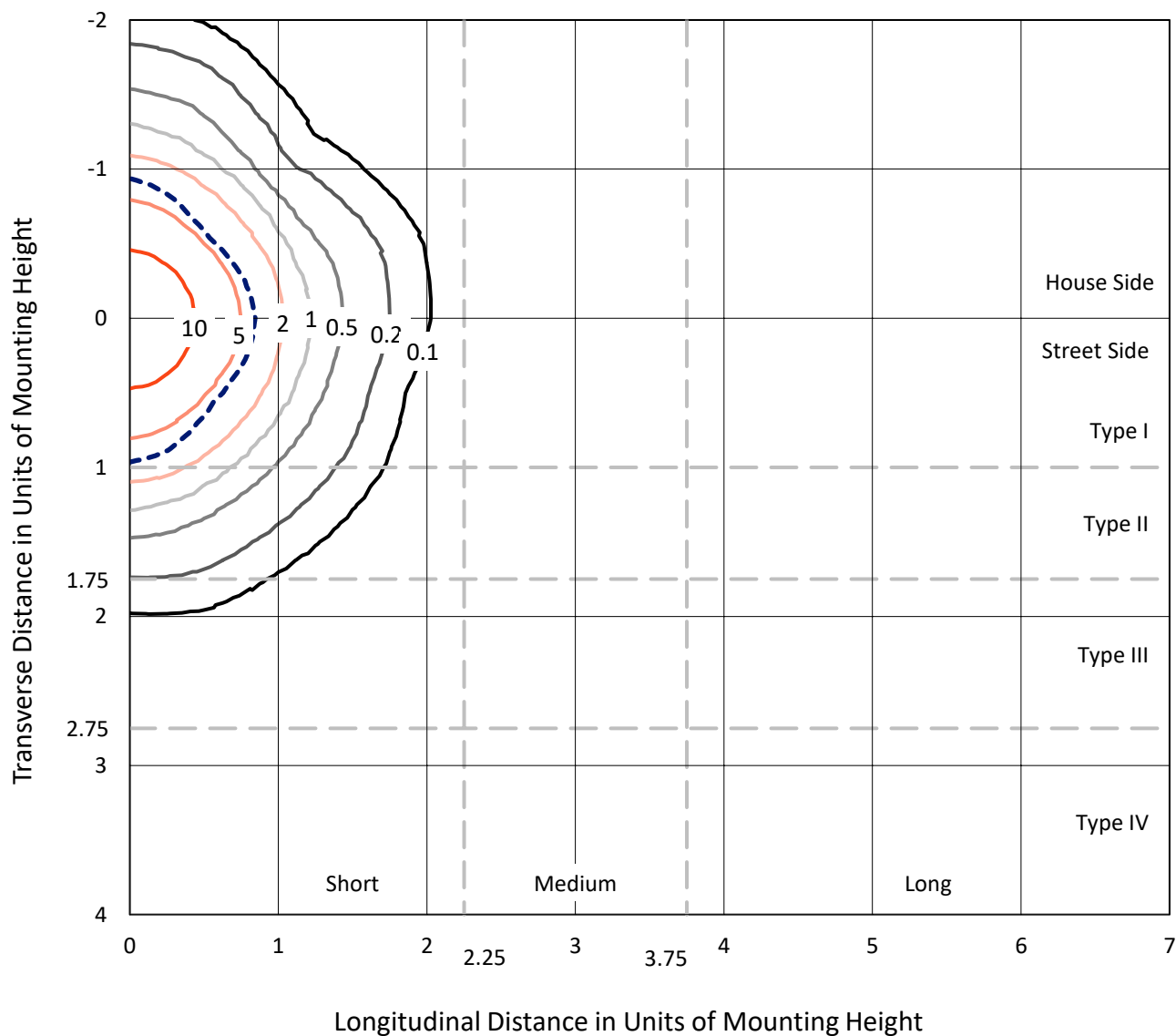
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



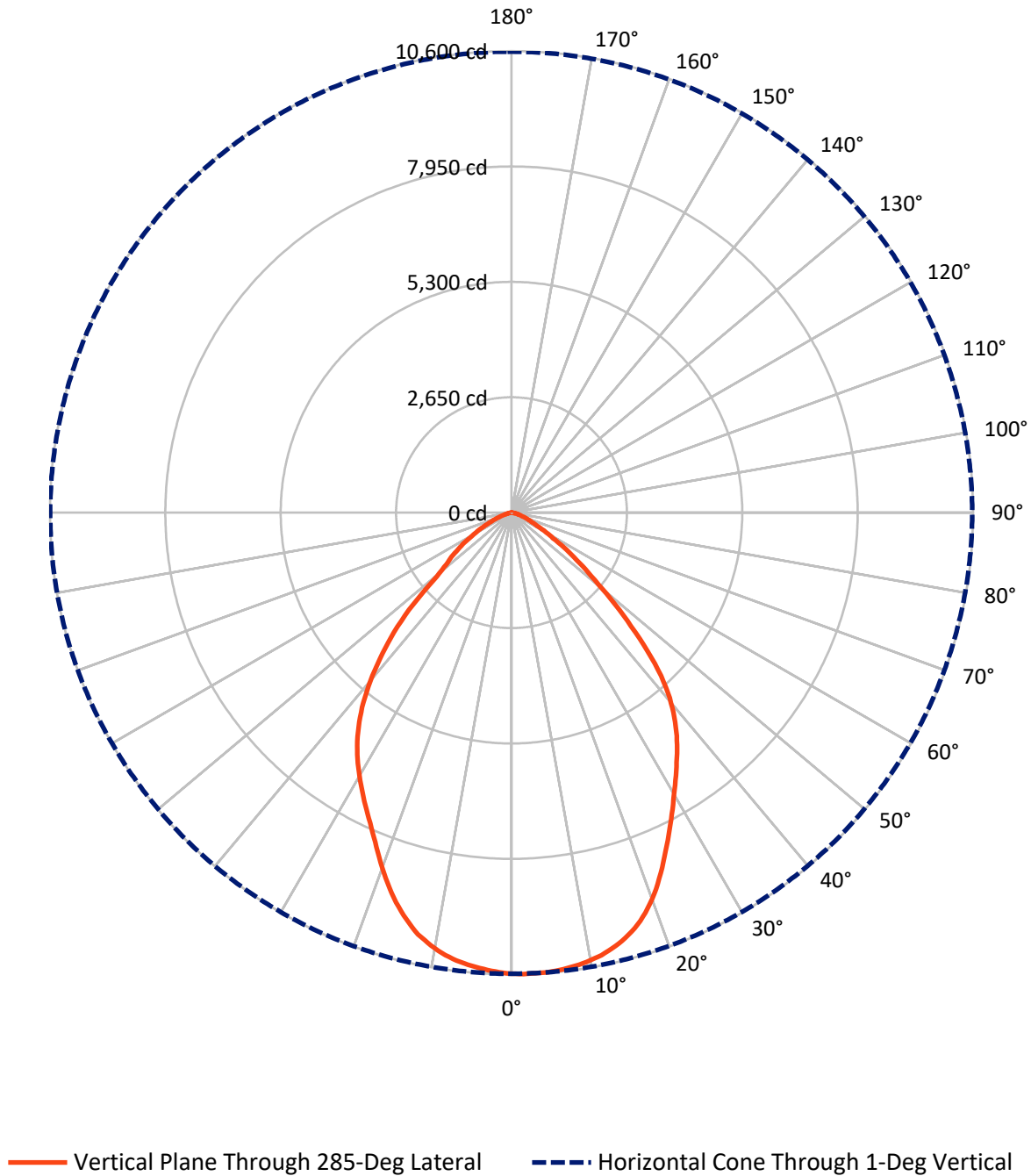
Based on 25 foot mounting height. Maximum calculated value = 16.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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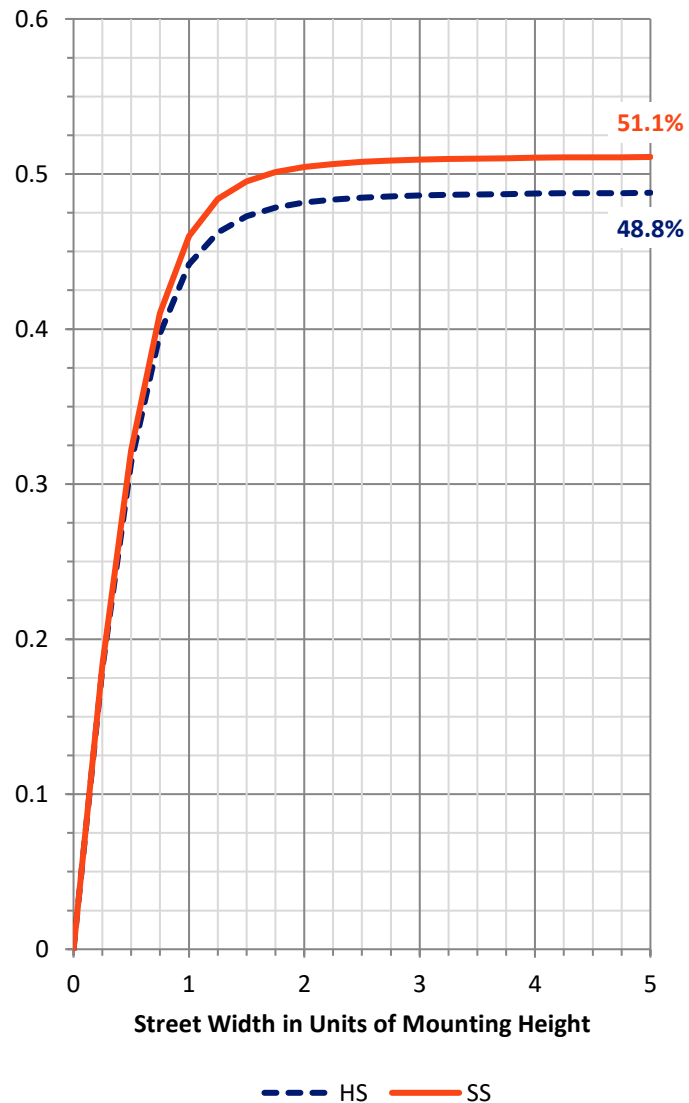
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8245.3	0.0	8245.3
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	8548.8	0.0	8548.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	16794.1	0.0	16794.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	998.0	5.9
10°-20°	2767.9	16.5
20°-30°	3741.5	22.3
30°-40°	3983.1	23.7
40°-50°	3102.9	18.5
50°-60°	1428.4	8.5
60°-70°	573.0	3.4
70°-80°	178.1	1.1
80°-90°	21.2	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°	16794.1	100.0
0°-180°	16794.1	100.0

Coefficient of Utilization



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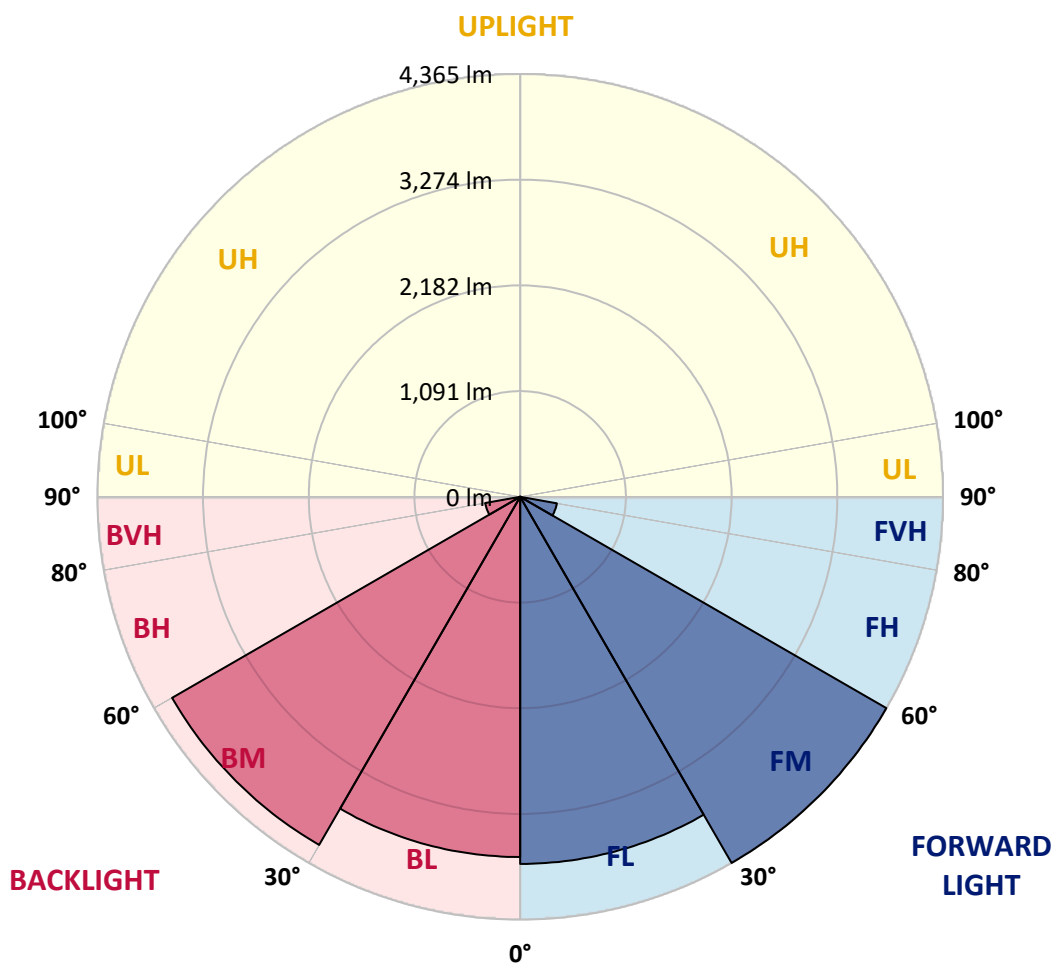
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3789.5	22.6			
FM	(30°-60°)	4364.8	26.0			
FH	(60°-80°)	384.4	2.3			G0/660
FVH	(80°-90°)	10.2	0.1			G1/100
BL	(0°-30°)	3718.0	22.1	B4/5000		
BM	(30°-60°)	4149.6	24.7	B3/5000		
BH	(60°-80°)	366.7	2.2	B1/500		G0/660
BVH	(80°-90°)	11.0	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°	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5
1°	10587.9	10587.4	10586.1	10585.0	10578.8	10579.4	10580.8	10579.2	10582.1	10581.2	10584.1
2°	10585.6	10580.6	10574.6	10573.5	10571.0	10563.9	10561.9	10556.0	10560.4	10566.2	10569.2
3°	10578.8	10571.5	10563.7	10555.8	10547.6	10542.0	10531.9	10534.1	10537.2	10544.0	10549.3
4°	10563.3	10552.6	10541.4	10532.1	10521.0	10510.8	10504.6	10499.1	10505.9	10513.3	10518.3
5°	10543.1	10527.2	10516.8	10498.4	10484.5	10475.0	10466.3	10464.1	10466.5	10472.9	10484.2
6°	10515.9	10498.6	10476.3	10460.6	10445.1	10434.9	10427.8	10427.6	10425.3	10430.4	10447.7
7°	10480.7	10463.2	10441.8	10419.4	10401.7	10389.5	10388.2	10384.8	10384.4	10389.7	10406.6
8°	10452.2	10427.3	10399.9	10377.1	10352.8	10338.4	10336.4	10333.7	10337.3	10345.5	10362.7
9°	10415.8	10384.2	10354.8	10329.3	10298.7	10282.6	10272.0	10271.7	10275.3	10286.6	10312.0
10°	10371.6	10337.9	10302.7	10269.9	10237.0	10215.1	10198.2	10199.6	10210.0	10221.9	10244.1
11°	10320.4	10278.8	10237.6	10199.8	10167.5	10139.6	10117.2	10114.6	10127.4	10148.4	10173.2
12°	10255.4	10210.9	10166.6	10121.0	10086.4	10050.3	10024.7	10016.9	10035.5	10059.7	10091.1
13°	10182.9	10135.8	10086.9	10034.9	9988.3	9949.0	9916.8	9916.6	9931.7	9960.3	9993.5
14°	10102.6	10047.5	9992.4	9937.0	9883.9	9834.3	9791.3	9788.5	9808.6	9846.0	9877.7
15°	10007.8	9946.7	9886.5	9827.8	9764.1	9702.3	9651.4	9644.6	9671.1	9717.4	9748.2
16°	9894.9	9826.1	9760.6	9702.8	9626.6	9558.7	9499.1	9493.8	9520.6	9567.7	9602.1
17°	9764.6	9697.7	9620.9	9560.6	9471.4	9397.3	9334.2	9331.1	9356.3	9402.2	9443.8
18°	9625.1	9550.3	9472.8	9397.1	9299.9	9227.9	9155.5	9153.8	9180.6	9224.4	9270.4
19°	9471.7	9389.7	9314.3	9224.4	9122.5	9045.5	8972.7	8968.3	8990.4	9035.8	9089.3
20°	9311.4	9228.4	9139.2	9032.2	8930.8	8852.2	8786.3	8774.5	8790.5	8831.7	8898.5
21°	9148.0	9056.3	8962.9	8834.5	8727.4	8656.6	8599.4	8578.4	8574.6	8619.4	8685.5
22°	8977.8	8872.2	8761.3	8621.6	8511.6	8459.1	8407.1	8376.3	8361.2	8403.5	8473.5
23°	8794.7	8676.5	8549.0	8398.6	8293.3	8264.9	8227.3	8184.1	8142.9	8169.1	8249.0
24°	8611.6	8488.3	8337.3	8175.3	8078.8	8080.1	8063.2	8003.5	7934.8	7938.0	8043.3
25°	8440.9	8314.5	8135.4	7957.0	7870.4	7906.8	7913.6	7829.9	7727.9	7711.0	7841.4
26°	8285.8	8150.0	7937.1	7740.0	7664.5	7741.4	7768.1	7669.4	7531.5	7501.6	7642.4
27°	8139.6	7992.6	7746.5	7526.0	7470.2	7582.0	7623.8	7514.5	7344.5	7288.7	7446.3
28°	7997.3	7835.2	7554.3	7319.2	7284.4	7426.1	7482.8	7363.3	7157.2	7084.5	7259.6
29°	7869.3	7683.2	7375.2	7120.2	7098.1	7273.2	7344.5	7211.0	6976.9	6883.3	7073.2
30°	7750.4	7538.8	7193.9	6921.8	6911.2	7121.9	7208.7	7060.6	6800.3	6687.0	6890.6
31°	7626.3	7394.2	7015.2	6729.5	6733.7	6969.9	7066.0	6906.8	6634.9	6503.9	6715.7
32°	7506.1	7256.5	6839.9	6546.6	6558.5	6820.2	6917.8	6751.1	6472.6	6321.4	6546.2
33°	7394.5	7126.2	6666.6	6362.8	6387.9	6658.4	6764.2	6590.0	6307.9	6144.3	6379.0
34°	7283.3	6999.3	6501.7	6181.1	6210.1	6495.9	6600.6	6419.7	6139.3	5965.5	6211.2
35°	7168.9	6872.9	6334.9	5992.7	6025.7	6319.2	6426.2	6236.0	5954.8	5782.6	6038.3
36°	7053.5	6740.7	6168.9	5795.5	5845.1	6133.9	6232.5	6045.0	5751.4	5587.1	5854.8
37°	6928.9	6595.1	5996.3	5602.2	5658.9	5944.0	6029.9	5845.7	5536.5	5368.2	5655.8
38°	6788.8	6423.9	5822.2	5417.6	5467.4	5735.3	5817.4	5633.6	5305.3	5133.1	5437.5
39°	6619.0	6230.9	5631.9	5219.2	5262.1	5514.8	5592.0	5402.7	5068.7	4892.9	5212.6
40°	6409.5	6021.9	5412.9	5004.2	5040.3	5267.9	5353.4	5160.3	4826.5	4651.2	4967.1
41°	6184.2	5792.1	5168.1	4772.5	4805.2	5006.5	5085.1	4915.7	4573.0	4404.5	4709.8
42°	5917.7	5535.6	4906.4	4527.0	4551.1	4717.8	4795.5	4644.3	4300.7	4147.5	4440.0
43°	5623.0	5256.8	4637.0	4268.6	4294.1	4414.3	4503.5	4380.8	4024.4	3877.2	4169.6
44°	5314.8	4948.9	4364.3	4006.3	4028.9	4117.0	4217.7	4110.3	3759.9	3639.5	3916.9

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CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4966.6	4633.7	4081.8	3742.8	3769.9	3838.5	3940.3	3856.8	3495.5	3401.7	3682.2
46°	4610.9	4317.8	3799.5	3489.2	3518.8	3563.8	3639.2	3550.0	3229.2	3163.9	3447.5
47°	4262.9	4012.2	3520.4	3241.0	3236.1	3252.1	3338.2	3242.3	2881.7	2915.5	3210.4
48°	3931.5	3712.1	3226.1	2952.1	2935.0	2961.2	3037.3	2898.1	2539.4	2607.4	2892.1
49°	3582.1	3381.6	2879.0	2634.2	2638.4	2680.2	2751.9	2551.4	2233.1	2298.3	2539.2
50°	3255.6	3031.5	2528.4	2292.6	2360.6	2404.4	2510.0	2260.7	1907.6	1908.1	2223.5
51°	3005.4	2666.0	2237.0	2009.7	2120.8	2199.0	2320.3	2063.9	1666.4	1602.2	1919.3
52°	2714.8	2328.4	2008.3	1804.6	1910.9	2015.0	2150.0	1916.9	1496.1	1360.4	1713.7
53°	2321.2	2117.9	1789.3	1687.3	1720.5	1820.7	1996.4	1802.1	1351.6	1173.0	1593.4
54°	2113.5	1957.9	1646.5	1570.7	1587.3	1657.6	1818.3	1714.6	1233.0	993.0	1461.6
55°	1928.4	1737.6	1504.7	1454.1	1454.1	1494.7	1665.9	1601.4	1124.6	841.3	1306.0
56°	1703.8	1574.4	1363.0	1321.7	1320.9	1331.7	1533.0	1489.4	1024.0	717.4	1143.3
57°	1498.6	1413.1	1233.3	1211.3	1243.4	1218.2	1396.3	1376.2	947.6	644.8	1012.1
58°	1293.7	1251.7	1120.7	1107.5	1131.0	1084.1	1263.5	1296.5	871.3	594.7	895.6
59°	1149.8	1148.5	1025.2	1005.1	1043.2	972.4	1144.8	1169.7	772.9	552.5	804.2
60°	1013.9	1079.9	938.6	911.3	951.3	833.4	1049.4	1043.4	701.5	513.7	725.3
61°	887.6	977.9	841.9	829.1	853.9	716.9	942.2	962.5	661.2	479.9	654.5
62°	779.7	860.8	755.4	751.9	763.6	656.2	847.7	886.3	605.9	449.7	592.9
63°	692.1	757.4	677.9	680.3	689.6	604.5	774.0	807.2	550.7	421.5	539.8
64°	606.1	683.0	614.3	619.5	627.0	544.2	695.5	717.7	500.4	394.1	492.5
65°	536.2	609.8	559.9	565.7	566.4	490.0	621.2	637.2	454.7	366.8	446.5
66°	479.3	543.4	505.8	514.6	511.1	443.6	549.3	562.1	414.3	340.0	406.7
67°	429.3	484.1	455.2	465.2	458.2	402.5	481.7	492.6	373.9	314.0	366.9
68°	384.7	427.8	407.6	415.1	407.0	364.1	427.2	438.7	333.5	289.6	327.0
69°	342.5	375.0	361.0	366.0	359.9	326.5	372.7	384.8	302.5	265.9	292.7
70°	304.0	327.4	315.8	321.6	318.5	292.0	318.7	331.4	274.8	243.6	262.8
71°	269.3	287.1	276.2	280.8	281.5	261.2	281.3	294.8	249.3	222.1	233.4
72°	237.0	251.3	240.6	247.5	248.0	233.2	248.1	260.6	224.1	200.6	206.4
73°	205.9	217.6	208.1	217.4	218.4	206.8	217.8	228.0	200.0	179.6	181.3
74°	178.9	187.9	179.0	190.6	190.4	182.4	189.2	198.7	177.1	159.4	158.4
75°	155.2	162.1	154.3	166.1	166.7	159.8	163.1	170.1	154.9	139.8	135.8
76°	131.6	136.4	129.7	141.2	142.2	137.3	138.7	144.3	133.8	121.8	114.2
77°	108.0	110.7	105.0	116.4	117.6	114.7	117.8	122.7	114.9	104.4	95.9
78°	87.5	88.1	86.4	95.9	99.3	97.3	99.9	103.3	97.1	86.8	79.8
79°	67.4	69.6	70.5	79.0	82.1	80.5	82.7	85.4	81.0	71.6	66.2
80°	51.1	53.6	55.7	64.2	65.6	65.4	65.9	70.0	66.3	59.0	54.4
81°	38.3	40.3	42.2	51.6	53.9	53.9	53.7	56.8	52.6	47.9	44.1
82°	28.4	31.6	33.3	39.3	41.9	43.2	43.4	45.5	41.9	36.8	33.8
83°	20.2	21.9	22.5	27.2	29.5	31.8	33.2	34.3	31.3	25.7	23.6
84°	13.1	15.3	15.8	16.5	19.7	21.8	23.0	23.1	20.6	17.5	16.0
85°	5.9	8.7	9.2	10.2	12.6	15.5	14.8	14.8	13.4	11.0	10.1
86°	1.9	2.1	2.6	4.0	5.6	9.2	8.2	8.2	7.2	5.9	5.5
87°	0.7	0.7	0.8	1.1	1.8	3.0	3.0	3.2	3.1	2.4	2.4
88°	0.3	0.3	0.3	0.3	0.4	0.6	0.7	0.7	0.8	0.9	1.1
89°	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440335
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5	10590.5
1°	10586.1	10587.2	10590.3	10592.1	10591.6	10594.7	10591.6	10595.8	10600.2	10594.0	10594.0
2°	10577.4	10577.7	10581.0	10584.7	10589.2	10590.9	10592.3	10596.0	10592.9	10592.9	10591.8
3°	10556.9	10561.1	10567.9	10577.7	10584.3	10583.6	10591.6	10597.1	10588.5	10589.9	10587.9
4°	10527.2	10535.4	10543.6	10557.8	10567.1	10572.8	10580.1	10582.8	10584.8	10580.6	10584.8
5°	10494.2	10508.4	10523.6	10534.3	10546.9	10556.6	10566.4	10577.0	10572.8	10573.3	10576.5
6°	10461.9	10475.6	10491.6	10504.6	10522.8	10532.9	10542.7	10548.7	10550.6	10557.5	10560.4
7°	10424.7	10444.6	10463.0	10474.7	10490.2	10500.4	10510.6	10519.9	10523.9	10527.9	10531.9
8°	10383.8	10405.4	10423.8	10439.5	10457.7	10467.0	10475.8	10487.8	10493.8	10499.5	10495.3
9°	10330.8	10355.8	10378.7	10395.5	10415.8	10426.9	10435.3	10448.4	10458.3	10460.1	10455.7
10°	10269.3	10295.2	10320.9	10342.3	10367.6	10379.1	10392.4	10408.1	10412.8	10419.6	10419.1
11°	10197.4	10220.8	10246.3	10278.1	10309.4	10329.0	10343.2	10360.0	10370.0	10371.8	10376.4
12°	10116.3	10136.5	10170.8	10203.1	10233.4	10266.2	10285.0	10295.4	10304.7	10316.2	10322.0
13°	10015.6	10044.2	10079.1	10121.4	10154.0	10190.9	10204.6	10220.6	10233.9	10248.7	10257.6
14°	9901.6	9937.4	9972.7	10023.3	10065.4	10093.9	10116.8	10135.6	10154.4	10175.7	10188.1
15°	9772.9	9810.4	9852.2	9911.8	9964.7	9995.4	10011.8	10036.9	10058.8	10087.5	10104.6
16°	9633.0	9669.6	9718.3	9782.3	9843.1	9872.4	9894.9	9922.4	9954.7	9989.9	10005.0
17°	9477.6	9518.4	9572.0	9641.4	9704.8	9731.3	9760.8	9790.5	9830.1	9873.0	9898.5
18°	9310.5	9360.7	9420.3	9488.7	9546.5	9577.0	9602.3	9639.7	9686.8	9746.6	9773.0
19°	9135.8	9193.6	9257.1	9324.5	9373.4	9402.8	9427.8	9471.5	9527.0	9595.2	9628.4
20°	8945.9	9006.1	9076.9	9146.7	9182.5	9209.1	9238.6	9287.3	9353.2	9427.6	9472.5
21°	8744.0	8808.0	8878.4	8953.8	8983.8	9000.3	9029.3	9093.8	9163.5	9241.6	9297.6
22°	8554.0	8633.5	8695.1	8746.0	8764.3	8771.5	8817.7	8885.5	8955.4	9040.8	9107.9
23°	8368.3	8474.6	8531.2	8546.3	8535.7	8533.7	8591.3	8675.2	8748.7	8825.0	8900.5
24°	8196.3	8327.4	8378.3	8356.8	8295.9	8287.1	8363.4	8466.4	8539.7	8600.1	8674.0
25°	8047.5	8197.6	8231.5	8164.9	8058.4	8044.7	8133.6	8251.4	8335.6	8372.1	8444.7
26°	7898.5	8071.7	8095.3	7976.3	7822.4	7811.8	7914.3	8055.9	8134.1	8148.1	8217.6
27°	7750.5	7954.6	7957.9	7793.0	7594.4	7582.0	7710.2	7862.9	7937.5	7928.0	7984.4
28°	7601.7	7839.4	7823.9	7610.5	7381.2	7364.1	7515.8	7690.0	7749.1	7711.0	7747.4
29°	7460.4	7723.2	7689.3	7429.2	7171.8	7150.7	7325.4	7516.9	7559.2	7501.9	7522.9
30°	7327.8	7606.8	7556.7	7243.9	6963.2	6945.7	7147.6	7346.0	7381.0	7295.1	7294.9
31°	7192.6	7490.1	7425.2	7061.8	6760.7	6748.0	6973.6	7184.8	7211.2	7091.6	7077.7
32°	7061.1	7374.3	7298.6	6881.8	6564.8	6560.5	6802.9	7024.6	7043.4	6888.9	6864.9
33°	6927.6	7260.3	7165.6	6706.6	6376.4	6385.2	6633.6	6872.0	6873.6	6687.4	6662.1
34°	6790.3	7151.2	7026.5	6536.0	6191.0	6212.3	6469.6	6716.8	6714.0	6489.7	6458.3
35°	6647.1	7041.2	6884.0	6360.9	6006.9	6036.5	6298.6	6556.1	6550.3	6290.7	6257.0
36°	6496.3	6917.0	6729.7	6174.5	5820.2	5859.7	6122.9	6393.9	6379.2	6094.7	6058.7
37°	6328.7	6767.5	6559.9	5988.7	5628.1	5674.1	5950.2	6228.7	6199.2	5900.2	5863.2
38°	6134.0	6589.5	6371.5	5786.6	5427.3	5477.3	5772.9	6054.0	6008.4	5698.7	5668.4
39°	5914.3	6387.7	6157.4	5566.3	5216.8	5266.1	5582.9	5869.6	5809.0	5490.4	5464.0
40°	5667.7	6155.9	5915.0	5327.3	4986.1	5040.3	5371.5	5660.4	5594.0	5276.8	5257.9
41°	5402.9	5900.8	5639.0	5072.6	4743.9	4803.5	5140.0	5420.0	5350.5	5046.7	5036.6
42°	5116.0	5618.3	5333.9	4791.3	4490.2	4555.1	4889.4	5156.3	5081.7	4804.6	4797.0
43°	4821.2	5314.2	5015.6	4491.5	4223.0	4298.9	4620.0	4865.7	4783.5	4550.4	4534.0
44°	4539.6	5018.9	4701.0	4187.1	3937.6	4026.6	4345.6	4564.1	4460.6	4275.7	4266.4

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4258.2	4725.7	4385.1	3887.6	3675.3	3747.5	4059.6	4260.9	4128.5	3990.1	3995.9
46°	3994.3	4446.6	4095.5	3614.2	3412.8	3468.6	3785.4	3964.7	3788.4	3695.5	3728.4
47°	3685.3	4117.4	3772.1	3341.0	3150.6	3189.6	3511.1	3696.4	3492.5	3410.1	3470.5
48°	3376.2	3844.9	3448.8	3065.0	2869.5	2885.7	3235.9	3399.5	3185.2	3144.5	3220.2
49°	3067.4	3572.6	3127.0	2696.6	2499.8	2516.0	2894.3	3099.7	2869.9	2860.0	2916.9
50°	2804.6	3300.3	2870.0	2380.9	2110.6	2186.8	2536.1	2781.4	2578.8	2560.0	2573.3
51°	2565.3	3035.7	2690.2	2121.7	1759.9	1906.7	2222.2	2492.5	2342.8	2257.0	2225.1
52°	2381.4	2768.1	2475.2	1844.7	1445.2	1611.9	1983.1	2271.3	2141.4	1989.8	1937.1
53°	2279.5	2624.4	2369.0	1715.9	1272.7	1425.2	1835.9	2115.9	1951.7	1779.6	1740.7
54°	2143.8	2485.6	2250.5	1568.6	1095.1	1294.6	1735.8	1927.7	1763.4	1646.6	1611.3
55°	2000.8	2304.8	2053.5	1403.4	920.5	1179.3	1659.6	1756.6	1600.9	1513.8	1483.5
56°	1792.7	2097.3	1841.2	1248.6	779.3	1084.8	1573.3	1614.6	1439.0	1380.9	1355.8
57°	1596.8	1874.4	1651.0	1101.4	689.8	1012.7	1457.0	1473.0	1277.1	1289.8	1241.3
58°	1457.4	1688.1	1481.4	971.7	634.8	947.0	1344.7	1331.4	1114.3	1159.2	1142.7
59°	1306.8	1538.7	1327.3	873.3	587.1	850.7	1274.0	1221.4	1033.7	1048.6	1050.1
60°	1145.0	1374.3	1171.7	805.0	546.3	753.9	1154.1	1110.3	920.2	985.4	963.8
61°	1015.4	1205.9	1032.2	715.2	509.6	682.4	1023.0	988.9	787.9	895.0	880.7
62°	903.5	1057.4	900.4	629.7	476.6	630.9	925.7	901.9	697.3	803.3	803.8
63°	797.2	923.3	795.6	561.0	446.4	577.5	851.4	827.5	619.6	713.3	733.1
64°	720.4	810.6	706.1	504.7	417.9	529.1	764.1	745.5	553.1	641.7	663.7
65°	645.1	709.0	630.1	455.3	389.5	481.4	681.8	667.3	501.7	583.1	599.9
66°	573.3	624.9	559.0	415.4	361.0	440.4	607.6	594.3	455.8	528.4	543.7
67°	508.1	545.7	498.3	375.5	334.3	399.5	537.8	526.9	415.9	476.2	491.1
68°	448.5	473.1	442.9	335.7	307.5	358.7	475.2	463.6	377.6	426.3	438.2
69°	389.0	410.7	387.6	301.8	283.5	326.3	424.7	406.3	341.2	379.0	385.9
70°	329.6	348.8	332.5	270.2	260.5	295.2	374.3	353.8	306.7	334.9	336.9
71°	283.1	302.5	288.8	240.1	238.2	266.0	323.9	309.7	273.5	293.6	294.1
72°	242.3	260.1	250.5	213.5	215.8	239.7	286.5	271.9	244.6	258.2	257.5
73°	207.4	220.8	215.9	188.6	193.4	215.4	253.0	237.7	217.7	227.1	226.3
74°	174.6	186.1	183.9	165.6	172.1	191.7	221.0	207.1	193.0	199.3	197.9
75°	146.4	156.0	154.1	143.4	151.2	168.6	190.8	179.1	168.2	173.1	171.8
76°	122.5	129.9	129.0	121.4	132.1	146.7	161.2	155.6	146.3	150.9	148.3
77°	102.2	108.2	107.9	102.2	113.6	125.5	136.1	132.1	124.5	128.6	124.8
78°	84.2	89.6	89.3	85.9	95.5	105.8	114.7	108.7	105.1	106.4	101.4
79°	68.7	72.8	72.8	71.8	79.5	89.4	96.3	91.6	89.2	89.5	84.5
80°	55.2	58.3	58.7	58.8	65.7	74.3	79.5	73.6	73.3	73.0	69.4
81°	45.0	47.7	47.8	48.2	53.3	59.9	64.8	58.7	58.5	58.4	55.8
82°	34.8	37.2	37.0	37.6	42.8	48.2	51.5	47.4	47.1	46.1	42.8
83°	24.6	26.7	26.2	27.0	32.3	36.5	40.4	36.9	35.5	34.2	30.3
84°	16.7	18.2	18.1	18.8	21.9	24.8	29.4	27.1	25.5	23.6	19.4
85°	10.5	11.4	11.5	11.9	14.3	16.9	18.4	18.1	16.7	16.9	12.5
86°	5.2	5.9	6.1	6.7	7.8	10.3	11.1	11.8	11.1	10.1	5.6
87°	2.3	2.4	2.7	3.0	3.5	5.1	5.9	5.6	5.6	3.4	1.7
88°	1.2	1.2	1.3	1.2	1.3	1.7	1.7	1.5	1.6	1.0	0.5
89°	0.4	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.2

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440335
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10590.5	10590.5	10590.5
1°	10592.3	10591.0	10587.9
2°	10590.5	10589.8	10585.6
3°	10590.3	10586.1	10578.8
4°	10583.2	10575.9	10563.3
5°	10567.1	10558.2	10543.1
6°	10547.5	10535.0	10515.9
7°	10516.6	10502.8	10480.7
8°	10483.4	10472.1	10452.2
9°	10453.2	10435.6	10415.8
10°	10412.8	10404.1	10371.6
11°	10368.0	10352.1	10320.4
12°	10313.8	10291.9	10255.4
13°	10250.2	10226.1	10182.9
14°	10174.5	10148.9	10102.6
15°	10092.9	10063.0	10007.8
16°	9993.9	9957.1	9894.9
17°	9881.9	9838.1	9764.6
18°	9759.5	9701.4	9625.1
19°	9620.7	9556.9	9471.7
20°	9464.3	9398.4	9311.4
21°	9296.8	9237.9	9148.0
22°	9115.5	9063.4	8977.8
23°	8916.0	8878.6	8794.7
24°	8707.5	8688.4	8611.6
25°	8501.2	8492.1	8440.9
26°	8288.8	8316.5	8285.8
27°	8083.0	8154.5	8139.6
28°	7877.3	7995.3	7997.3
29°	7686.2	7841.6	7869.3
30°	7487.2	7690.0	7750.4
31°	7294.2	7541.5	7626.3
32°	7114.2	7402.4	7506.1
33°	6934.2	7265.9	7394.5
34°	6756.0	7133.5	7283.3
35°	6570.1	7002.9	7168.9
36°	6397.0	6880.6	7053.5
37°	6228.2	6747.8	6928.9
38°	6039.6	6603.1	6788.8
39°	5832.2	6426.8	6619.0
40°	5608.4	6210.5	6409.5
41°	5368.0	5972.5	6184.2
42°	5100.8	5717.8	5917.7
43°	4833.3	5444.1	5623.0
44°	4560.0	5152.4	5314.8

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4274.6	4829.6	4966.6
46°	3987.3	4501.3	4610.9
47°	3697.5	4177.8	4262.9
48°	3411.9	3860.4	3931.5
49°	3115.4	3518.1	3582.1
50°	2766.8	3165.7	3255.6
51°	2400.0	2770.6	3005.4
52°	2079.6	2485.9	2714.8
53°	1891.0	2199.4	2321.2
54°	1708.4	1966.0	2113.5
55°	1585.4	1807.9	1928.4
56°	1463.2	1646.1	1703.8
57°	1341.0	1484.2	1498.6
58°	1218.7	1322.4	1293.7
59°	1107.0	1197.0	1149.8
60°	1001.5	1057.5	1013.9
61°	912.4	933.7	887.6
62°	824.1	840.3	779.7
63°	735.7	752.8	692.1
64°	657.8	671.6	606.1
65°	589.3	598.6	536.2
66°	518.3	533.8	479.3
67°	451.2	479.1	429.3
68°	396.6	427.2	384.7
69°	348.5	379.6	342.5
70°	308.8	334.1	304.0
71°	271.4	294.7	269.3
72°	238.7	259.6	237.0
73°	209.0	224.7	205.9
74°	180.8	193.0	178.9
75°	157.0	167.2	155.2
76°	133.1	141.4	131.6
77°	109.3	115.7	108.0
78°	90.7	93.8	87.5
79°	75.1	73.9	67.4
80°	60.0	57.3	51.1
81°	45.7	42.9	38.3
82°	34.2	31.3	28.4
83°	24.4	23.0	20.2
84°	17.5	16.1	13.1
85°	10.5	9.2	5.9
86°	3.5	2.3	1.9
87°	1.0	0.8	0.7
88°	0.4	0.3	0.3
89°	0.2	0.2	0.2

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440335

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)