

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: P1440331

Luminaire Tested: XSF100-SFTR-6Hx6V-840-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440331
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-840-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16631.1 lumens
Efficiency: N/A
Efficacy: 152.6 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

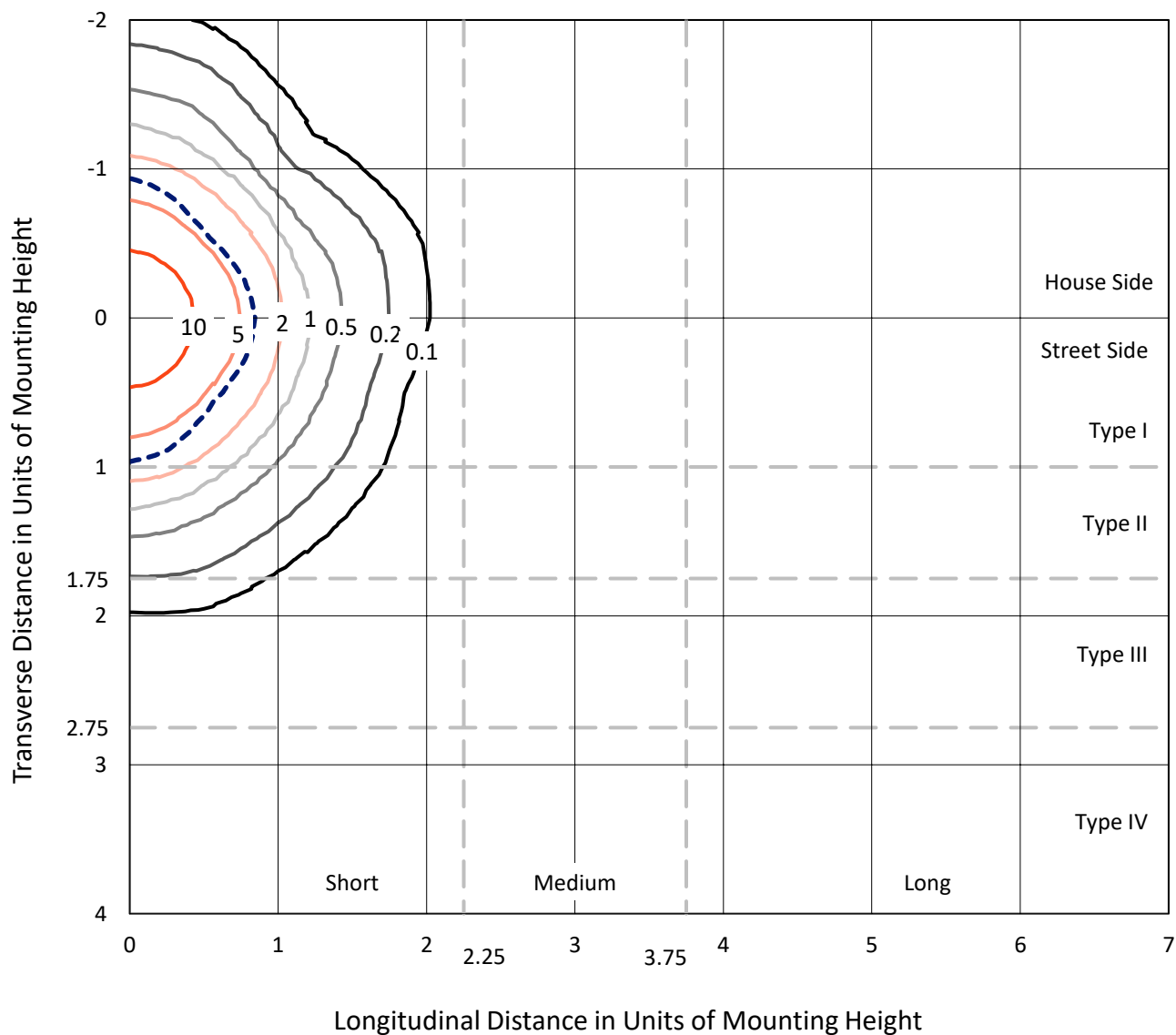
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



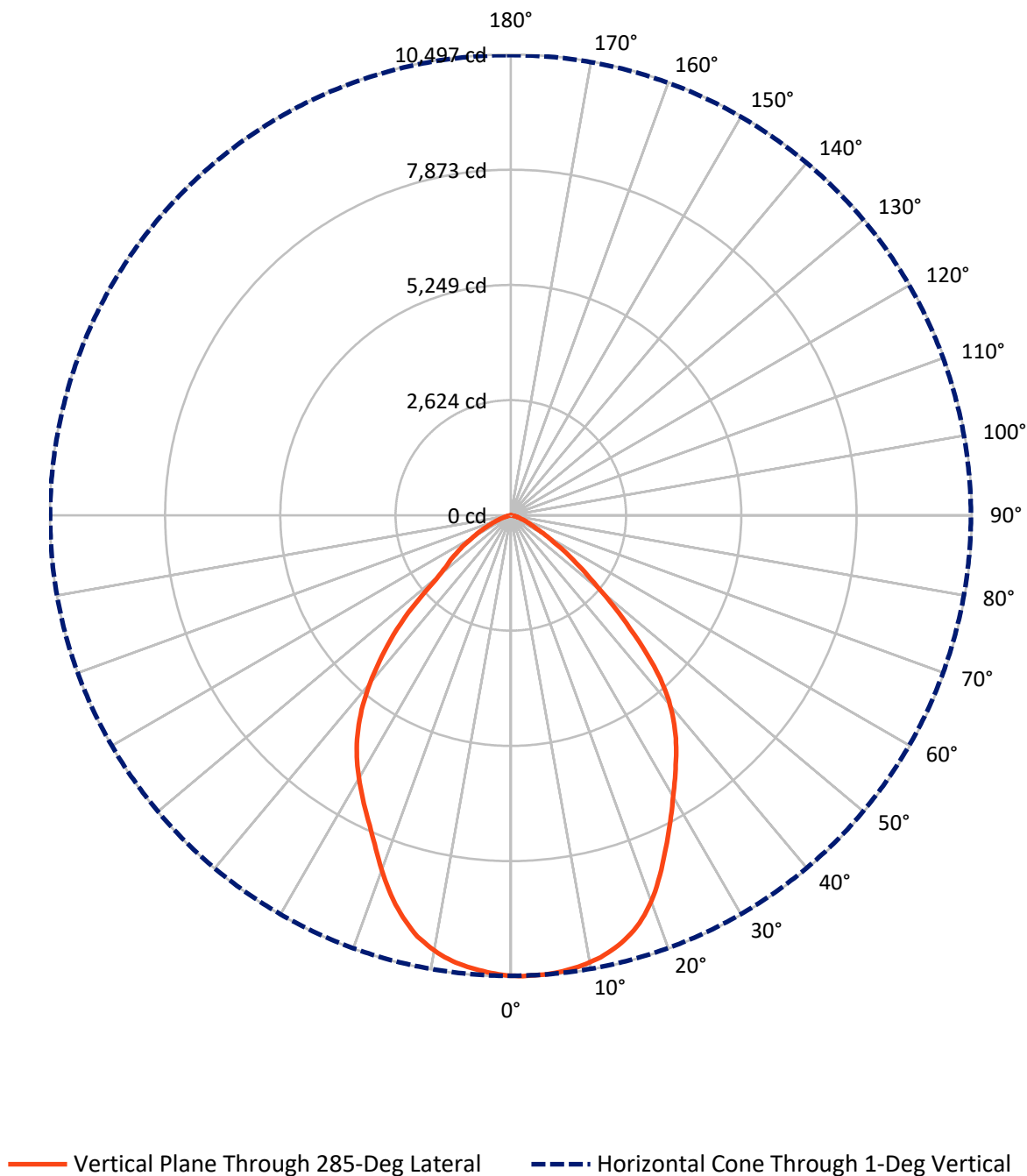
Based on 25 foot mounting height. Maximum calculated value = 16.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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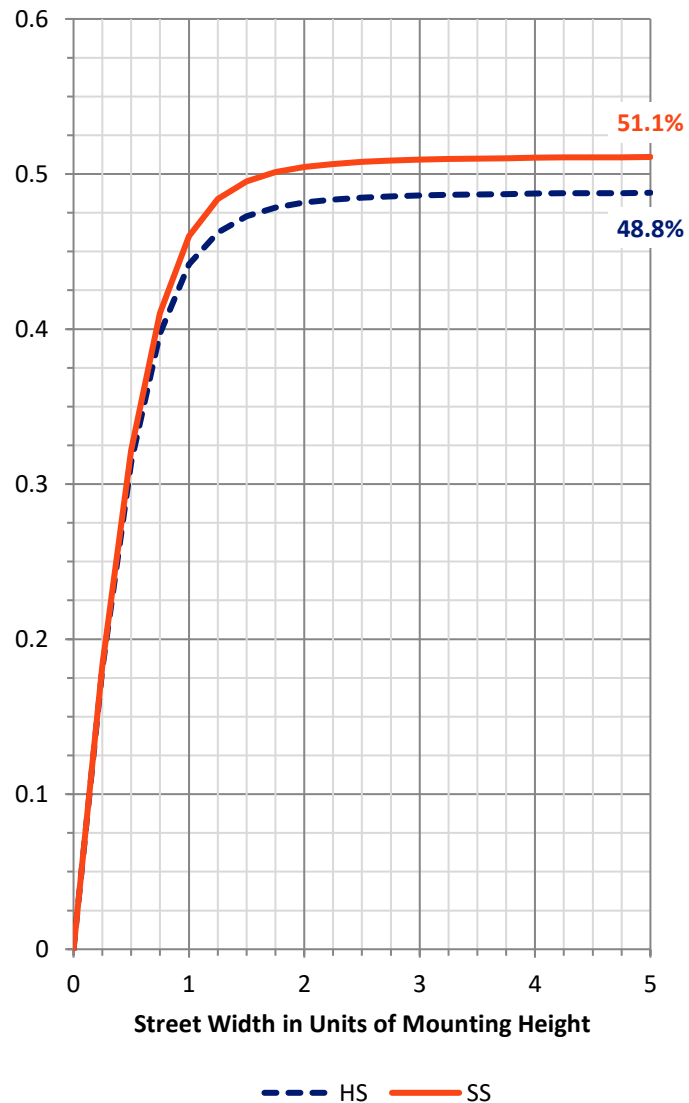
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8165.3	0.0	8165.3
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	8465.8	0.0	8465.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	16631.1	0.0	16631.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	988.4	5.9
10°-20°	2741.0	16.5
20°-30°	3705.2	22.3
30°-40°	3944.5	23.7
40°-50°	3072.8	18.5
50°-60°	1414.5	8.5
60°-70°	567.5	3.4
70°-80°	176.3	1.1
80°-90°	21.0	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°	16631.1	100.0
0°-180°	16631.1	100.0

Coefficient of Utilization



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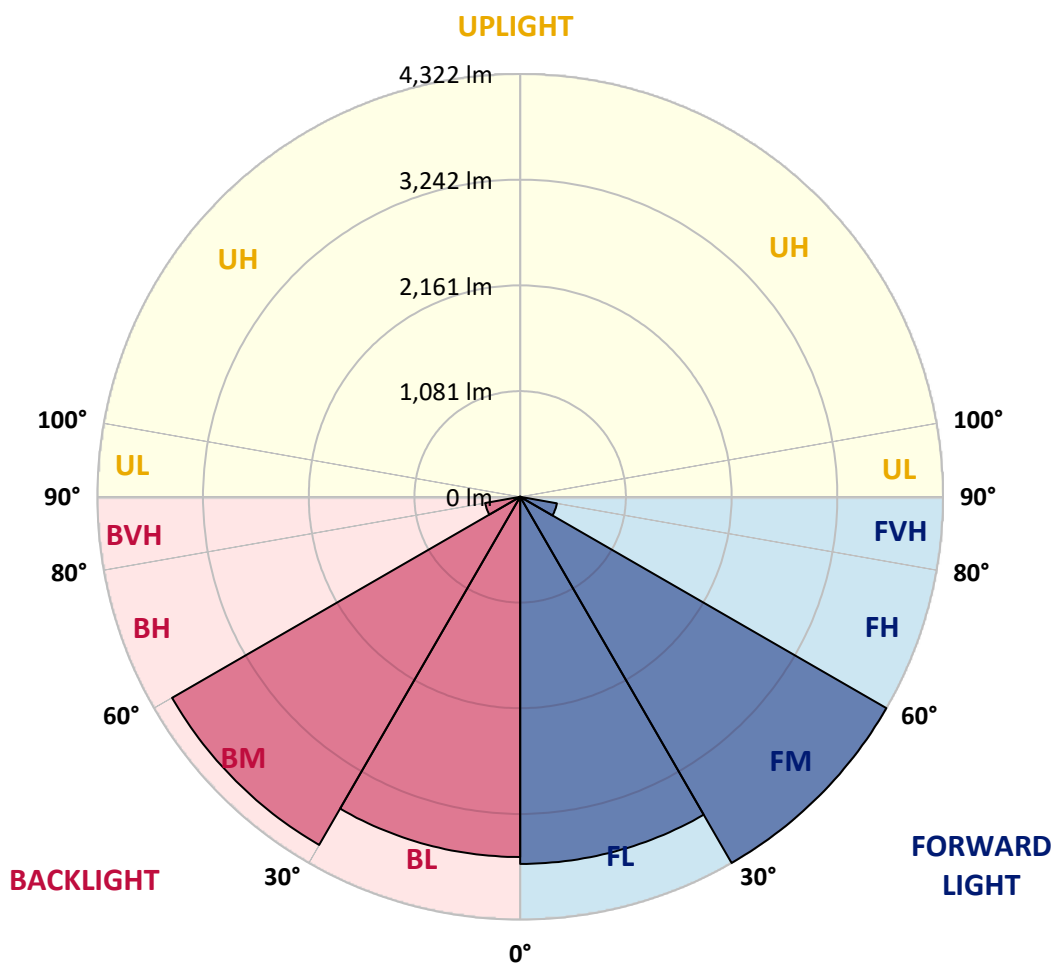
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3752.7	22.6			
FM	(30°-60°)	4322.4	26.0			
FH	(60°-80°)	380.6	2.3			G0/660
FVH	(80°-90°)	10.1	0.1			G1/100
BL	(0°-30°)	3681.9	22.1	B4/5000		
BM	(30°-60°)	4109.3	24.7	B3/5000		
BH	(60°-80°)	363.2	2.2	B1/500		G0/660
BVH	(80°-90°)	10.9	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°	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7
1°	10485.1	10484.6	10483.3	10482.3	10476.1	10476.7	10478.1	10476.5	10479.4	10478.5	10481.4
2°	10482.8	10477.9	10472.0	10470.9	10468.3	10461.3	10459.3	10453.5	10457.9	10463.7	10466.5
3°	10476.1	10468.9	10461.1	10453.4	10445.2	10439.6	10429.7	10431.9	10434.9	10441.6	10446.9
4°	10460.8	10450.1	10439.1	10429.9	10418.9	10408.7	10402.6	10397.2	10403.9	10411.3	10416.1
5°	10440.7	10425.0	10414.7	10396.5	10382.7	10373.3	10364.7	10362.5	10364.9	10371.2	10382.4
6°	10413.8	10396.6	10374.6	10359.1	10343.7	10333.6	10326.6	10326.4	10324.0	10329.1	10346.3
7°	10378.9	10361.6	10340.5	10318.3	10300.7	10288.6	10287.4	10283.9	10283.6	10288.8	10305.6
8°	10350.8	10326.0	10298.9	10276.4	10252.3	10238.1	10236.1	10233.4	10237.0	10245.1	10262.1
9°	10314.6	10283.4	10254.3	10229.0	10198.7	10182.8	10172.3	10172.0	10175.6	10186.8	10211.9
10°	10270.9	10237.5	10202.7	10170.2	10137.6	10116.0	10099.2	10100.6	10110.9	10122.6	10144.7
11°	10220.2	10179.0	10138.2	10100.8	10068.8	10041.2	10019.0	10016.4	10029.1	10049.9	10074.4
12°	10155.9	10111.8	10067.9	10022.8	9988.5	9952.7	9927.4	9919.6	9938.1	9962.1	9993.1
13°	10084.0	10037.4	9989.0	9937.5	9891.3	9852.4	9820.5	9820.3	9835.3	9863.6	9896.5
14°	10004.5	9950.0	9895.4	9840.5	9788.0	9738.8	9696.2	9693.5	9713.4	9750.4	9781.8
15°	9910.6	9850.1	9790.5	9732.3	9669.3	9608.1	9557.7	9551.0	9577.2	9623.1	9653.6
16°	9798.8	9730.7	9665.9	9608.6	9533.1	9465.9	9406.9	9401.6	9428.2	9474.8	9508.9
17°	9669.8	9603.6	9527.5	9467.7	9379.4	9306.1	9243.6	9240.5	9265.4	9311.0	9352.1
18°	9531.7	9457.6	9380.9	9305.9	9209.6	9138.3	9066.6	9065.0	9091.5	9134.9	9180.4
19°	9379.8	9298.5	9223.9	9134.9	9033.9	8957.7	8885.6	8881.3	8903.1	8948.1	9001.0
20°	9221.0	9138.8	9050.5	8944.5	8844.1	8766.2	8701.0	8689.3	8705.2	8746.0	8812.1
21°	9059.2	8968.3	8875.9	8748.7	8642.7	8572.6	8515.9	8495.1	8491.3	8535.8	8601.1
22°	8890.7	8786.1	8676.3	8537.9	8429.0	8377.0	8325.5	8295.0	8280.0	8321.9	8391.3
23°	8709.3	8592.3	8466.0	8317.0	8212.8	8184.6	8147.4	8104.6	8063.8	8089.8	8168.9
24°	8528.0	8405.9	8256.3	8096.0	8000.4	8001.7	7984.9	7925.8	7857.7	7861.0	7965.2
25°	8358.9	8233.8	8056.4	7879.8	7794.0	7830.1	7836.8	7753.9	7652.9	7636.1	7765.2
26°	8205.4	8070.8	7860.1	7664.8	7590.0	7666.3	7692.6	7594.9	7458.4	7428.8	7568.2
27°	8060.6	7915.0	7671.3	7453.0	7397.7	7508.4	7549.8	7441.6	7273.2	7218.0	7374.0
28°	7919.7	7759.1	7481.0	7248.1	7213.6	7354.0	7410.2	7291.8	7087.8	7015.7	7189.1
29°	7792.9	7608.6	7303.6	7051.1	7029.2	7202.6	7273.2	7141.0	6909.1	6816.5	7004.5
30°	7675.1	7465.6	7124.1	6854.6	6844.1	7052.7	7138.7	6992.0	6734.3	6622.1	6823.7
31°	7552.3	7322.4	6947.0	6664.2	6668.4	6902.3	6997.4	6839.8	6570.5	6440.8	6650.5
32°	7433.3	7186.0	6773.5	6483.0	6494.8	6754.0	6850.6	6685.5	6409.7	6260.0	6482.7
33°	7322.7	7057.0	6601.9	6301.0	6325.9	6593.8	6698.5	6526.0	6246.6	6084.6	6317.1
34°	7212.6	6931.3	6438.6	6121.1	6149.8	6432.8	6536.5	6357.3	6079.7	5907.6	6150.9
35°	7099.3	6806.2	6273.4	5934.5	5967.2	6257.8	6363.8	6175.5	5896.9	5726.4	5979.7
36°	6985.0	6675.2	6109.0	5739.3	5788.4	6074.3	6172.0	5986.4	5695.6	5532.8	5798.0
37°	6861.6	6531.1	5938.1	5547.8	5604.0	5886.3	5971.4	5788.9	5482.8	5316.1	5600.9
38°	6722.9	6361.5	5765.6	5365.0	5414.3	5679.7	5760.9	5578.9	5253.8	5083.3	5384.7
39°	6554.8	6170.4	5577.3	5168.5	5211.0	5461.3	5537.7	5350.2	5019.5	4845.4	5162.0
40°	6347.2	5963.4	5360.3	4955.6	4991.3	5216.7	5301.5	5110.2	4779.7	4606.1	4918.9
41°	6124.2	5735.8	5117.9	4726.2	4758.5	4957.9	5035.8	4868.0	4528.6	4361.7	4664.1
42°	5860.3	5481.9	4858.8	4483.1	4506.9	4672.0	4748.9	4599.2	4258.9	4107.2	4396.9
43°	5568.4	5205.7	4592.0	4227.1	4252.4	4371.5	4459.8	4338.2	3985.3	3839.5	4129.1
44°	5263.2	4900.8	4322.0	3967.4	3989.8	4077.1	4176.8	4070.4	3723.4	3604.2	3878.9

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CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4918.4	4588.7	4042.2	3706.4	3733.3	3801.3	3902.0	3819.3	3461.5	3368.7	3646.5
46°	4566.2	4275.9	3762.6	3455.4	3484.6	3529.2	3603.8	3515.5	3197.8	3133.2	3414.0
47°	4221.5	3973.2	3486.3	3209.6	3204.7	3220.6	3305.8	3210.8	2853.7	2887.2	3179.2
48°	3893.4	3676.1	3194.7	2923.5	2906.5	2932.5	3007.8	2870.0	2514.7	2582.1	2864.0
49°	3547.3	3348.8	2851.0	2608.6	2612.8	2654.2	2725.1	2526.6	2211.5	2275.9	2514.5
50°	3224.0	3002.0	2503.9	2270.3	2337.7	2381.1	2485.6	2238.7	1889.1	1889.6	2201.9
51°	2976.2	2640.1	2215.3	1990.2	2100.2	2177.7	2297.8	2043.9	1650.2	1586.6	1900.6
52°	2688.5	2305.7	1988.8	1787.1	1892.3	1995.5	2129.1	1898.3	1481.6	1347.1	1697.1
53°	2298.7	2097.3	1772.0	1670.9	1703.8	1803.0	1977.0	1784.6	1338.5	1161.6	1577.9
54°	2093.0	1938.9	1630.5	1555.4	1571.9	1641.5	1800.7	1698.0	1221.0	983.3	1447.4
55°	1909.7	1720.8	1490.1	1440.0	1440.0	1480.2	1649.7	1585.8	1113.7	833.1	1293.3
56°	1687.3	1559.1	1349.7	1308.9	1308.1	1318.8	1518.1	1474.9	1014.1	710.5	1132.2
57°	1484.1	1399.3	1221.3	1199.6	1231.3	1206.4	1382.7	1362.8	938.4	638.5	1002.3
58°	1281.1	1239.6	1109.8	1096.7	1120.0	1073.6	1251.2	1283.9	862.9	588.9	886.9
59°	1138.6	1137.3	1015.2	995.3	1033.0	962.9	1133.7	1158.3	765.4	547.2	796.4
60°	1004.0	1069.4	929.5	902.5	942.1	825.3	1039.2	1033.3	694.7	508.7	718.3
61°	879.0	968.4	833.8	821.1	845.6	709.9	933.0	953.2	654.8	475.2	648.1
62°	772.1	852.4	748.1	744.6	756.2	649.8	839.5	877.7	600.0	445.3	587.1
63°	685.4	750.0	671.3	673.7	682.9	598.7	766.4	799.4	545.4	417.4	534.6
64°	600.2	676.4	608.4	613.5	620.9	538.9	688.7	710.7	495.5	390.3	487.7
65°	531.0	603.8	554.5	560.2	560.9	485.2	615.2	631.0	450.3	363.2	442.2
66°	474.6	538.2	500.8	509.6	506.1	439.3	544.0	556.7	410.3	336.7	402.8
67°	425.1	479.4	450.7	460.7	453.7	398.6	477.1	487.8	370.3	310.9	363.3
68°	380.9	423.6	403.6	411.1	403.0	360.6	423.1	434.5	330.2	286.8	323.8
69°	339.2	371.3	357.5	362.4	356.4	323.4	369.1	381.1	299.5	263.3	289.9
70°	301.0	324.3	312.7	318.5	315.4	289.2	315.6	328.2	272.2	241.2	260.3
71°	266.7	284.3	273.5	278.1	278.8	258.7	278.5	292.0	246.8	220.0	231.2
72°	234.7	248.9	238.3	245.1	245.5	231.0	245.7	258.0	221.9	198.7	204.4
73°	203.9	215.5	206.0	215.3	216.2	204.8	215.7	225.8	198.0	177.8	179.5
74°	177.1	186.0	177.3	188.7	188.6	180.6	187.4	196.7	175.4	157.9	156.9
75°	153.7	160.5	152.8	164.5	165.1	158.3	161.5	168.5	153.4	138.5	134.5
76°	130.3	135.1	128.4	139.9	140.8	135.9	137.3	142.8	132.5	120.6	113.1
77°	107.0	109.6	104.0	115.2	116.5	113.6	116.6	121.5	113.8	103.3	95.0
78°	86.7	87.3	85.6	94.9	98.3	96.3	98.9	102.3	96.2	86.0	79.1
79°	66.7	68.9	69.8	78.2	81.3	79.8	81.9	84.6	80.2	70.9	65.6
80°	50.6	53.1	55.2	63.6	64.9	64.8	65.3	69.3	65.7	58.4	53.8
81°	37.9	39.9	41.8	51.1	53.4	53.4	53.2	56.2	52.1	47.4	43.7
82°	28.2	31.3	32.9	38.9	41.5	42.7	43.0	45.1	41.5	36.4	33.5
83°	20.0	21.7	22.3	26.9	29.2	31.4	32.9	33.9	31.0	25.5	23.4
84°	12.9	15.1	15.6	16.3	19.5	21.6	22.7	22.8	20.4	17.4	15.9
85°	5.9	8.6	9.1	10.1	12.5	15.3	14.6	14.7	13.3	10.9	10.0
86°	1.9	2.0	2.6	4.0	5.6	9.1	8.1	8.1	7.1	5.9	5.4
87°	0.7	0.7	0.8	1.1	1.8	2.9	2.9	3.2	3.0	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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7	10487.7
1°	10483.3	10484.4	10487.5	10489.3	10488.8	10491.8	10488.8	10492.9	10497.2	10491.1	10491.1
2°	10474.7	10475.0	10478.3	10481.9	10486.4	10488.0	10489.5	10493.1	10490.0	10490.0	10488.9
3°	10454.4	10458.6	10465.3	10475.0	10481.5	10480.8	10488.8	10494.2	10485.7	10487.1	10485.1
4°	10425.0	10433.1	10441.3	10455.3	10464.6	10470.2	10477.4	10480.1	10482.1	10477.9	10482.1
5°	10392.3	10406.4	10421.4	10432.0	10444.5	10454.1	10463.8	10474.3	10470.2	10470.7	10473.8
6°	10360.3	10373.9	10389.8	10402.6	10420.7	10430.6	10440.4	10446.3	10448.1	10455.0	10457.9
7°	10323.5	10343.2	10361.4	10373.0	10388.3	10398.4	10408.6	10417.8	10421.7	10425.7	10429.7
8°	10283.0	10304.3	10322.6	10338.1	10356.2	10365.4	10374.1	10386.0	10391.9	10397.5	10393.4
9°	10230.5	10255.2	10278.0	10294.6	10314.6	10325.7	10334.0	10347.0	10356.7	10358.5	10354.2
10°	10169.6	10195.3	10220.7	10241.9	10267.0	10278.3	10291.5	10307.1	10311.8	10318.4	10317.9
11°	10098.4	10121.6	10146.9	10178.3	10209.3	10228.7	10242.8	10259.4	10269.3	10271.1	10275.6
12°	10018.1	10038.1	10072.1	10104.0	10134.0	10166.5	10185.1	10195.4	10204.6	10216.0	10221.8
13°	9918.4	9946.7	9981.2	10023.1	10055.5	10091.9	10105.5	10121.4	10134.6	10149.2	10158.0
14°	9805.5	9840.9	9875.9	9926.0	9967.7	9995.9	10018.6	10037.2	10055.8	10077.0	10089.2
15°	9678.0	9715.2	9756.5	9815.6	9868.0	9898.3	9914.6	9939.5	9961.2	9989.5	10006.5
16°	9539.4	9575.7	9624.0	9687.4	9747.5	9776.6	9798.8	9826.1	9858.0	9892.9	9907.9
17°	9385.6	9426.0	9479.1	9547.7	9610.6	9636.8	9666.0	9695.5	9734.7	9777.1	9802.4
18°	9220.1	9269.8	9328.8	9396.6	9453.8	9484.0	9509.1	9546.1	9592.7	9652.0	9678.2
19°	9047.1	9104.3	9167.2	9234.0	9282.4	9311.5	9336.2	9379.6	9434.5	9502.0	9534.9
20°	8859.1	8918.7	8988.7	9057.9	9093.3	9119.7	9148.9	9197.2	9262.4	9336.1	9380.5
21°	8659.1	8722.5	8792.2	8866.8	8896.6	8912.9	8941.6	9005.5	9074.5	9151.8	9207.3
22°	8470.9	8549.7	8610.7	8661.1	8679.2	8686.4	8732.1	8799.3	8868.4	8953.0	9019.4
23°	8287.0	8392.3	8448.3	8463.3	8452.8	8450.9	8507.9	8591.0	8663.8	8739.3	8814.1
24°	8116.7	8246.6	8297.0	8275.7	8215.3	8206.7	8282.2	8384.2	8456.8	8516.6	8589.8
25°	7969.3	8118.0	8151.6	8085.7	7980.2	7966.6	8054.6	8171.3	8254.7	8290.8	8362.7
26°	7821.8	7993.4	8016.7	7898.9	7746.5	7736.0	7837.5	7977.6	8055.1	8069.0	8137.9
27°	7675.3	7877.4	7880.7	7717.4	7520.7	7508.4	7635.4	7786.6	7860.4	7851.0	7906.8
28°	7527.9	7763.3	7747.9	7536.6	7309.5	7292.6	7442.8	7615.3	7673.9	7636.1	7672.2
29°	7387.9	7648.2	7614.6	7357.0	7102.2	7081.2	7254.3	7443.9	7485.8	7429.1	7449.9
30°	7256.6	7533.0	7483.3	7173.5	6895.6	6878.2	7078.2	7274.7	7309.4	7224.3	7224.1
31°	7122.8	7417.4	7353.1	6993.3	6695.1	6682.4	6905.9	7115.0	7141.2	7022.7	7009.0
32°	6992.6	7302.7	7227.7	6815.0	6501.1	6496.8	6736.8	6956.4	6975.0	6822.1	6798.2
33°	6860.4	7189.8	7096.1	6641.4	6314.5	6323.2	6569.2	6805.3	6806.9	6622.5	6597.4
34°	6724.3	7081.8	6958.2	6472.6	6130.8	6152.0	6406.8	6651.6	6648.9	6426.7	6395.6
35°	6582.6	6972.9	6817.2	6299.2	5948.6	5977.9	6237.4	6492.4	6486.7	6229.6	6196.2
36°	6433.2	6849.9	6664.4	6114.6	5763.7	5802.8	6063.5	6331.9	6317.2	6035.5	5999.9
37°	6267.2	6701.8	6496.2	5930.5	5573.5	5619.0	5892.4	6168.2	6139.0	5842.9	5806.3
38°	6074.5	6525.5	6309.7	5730.4	5374.6	5424.1	5716.9	5995.2	5950.0	5643.4	5613.4
39°	5856.8	6325.7	6097.6	5512.2	5166.2	5214.9	5528.7	5812.6	5752.6	5437.1	5410.9
40°	5612.7	6096.2	5857.6	5275.6	4937.7	4991.3	5319.3	5605.4	5539.7	5225.6	5206.8
41°	5350.4	5843.5	5584.3	5023.3	4697.8	4756.9	5090.1	5367.4	5298.6	4997.7	4987.7
42°	5066.3	5563.7	5282.1	4744.8	4446.6	4510.9	4842.0	5106.2	5032.3	4758.0	4750.4
43°	4774.4	5262.6	4967.0	4447.9	4182.0	4257.1	4575.2	4818.5	4737.0	4506.2	4489.9
44°	4495.5	4970.2	4655.4	4146.4	3899.3	3987.5	4303.4	4519.7	4417.3	4234.2	4225.0

REPORT NUMBER: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4216.9	4679.8	4342.6	3849.8	3639.6	3711.1	4020.2	4219.6	4088.4	3951.3	3957.1
46°	3955.5	4403.4	4055.7	3579.1	3379.7	3435.0	3748.7	3926.2	3751.6	3659.7	3692.2
47°	3649.5	4077.4	3735.5	3308.5	3120.0	3158.6	3477.0	3660.6	3458.6	3377.0	3436.8
48°	3343.4	3807.6	3415.3	3035.3	2841.6	2857.7	3204.5	3366.5	3154.3	3114.0	3189.0
49°	3037.6	3537.9	3096.7	2670.4	2475.5	2491.6	2866.2	3069.6	2842.0	2832.2	2888.6
50°	2777.3	3268.3	2842.2	2357.8	2090.1	2165.6	2511.5	2754.4	2553.7	2535.1	2548.3
51°	2540.4	3006.2	2664.1	2101.1	1742.8	1888.2	2200.6	2468.3	2320.0	2235.1	2203.5
52°	2358.3	2741.2	2451.1	1826.8	1431.2	1596.3	1963.8	2249.2	2120.6	1970.5	1918.3
53°	2257.3	2598.9	2346.0	1699.2	1260.3	1411.4	1818.1	2095.3	1932.8	1762.3	1723.8
54°	2123.0	2461.4	2228.6	1553.4	1084.4	1282.0	1719.0	1908.9	1746.3	1630.7	1595.6
55°	1981.4	2282.4	2033.6	1389.8	911.5	1167.8	1643.4	1739.6	1585.3	1499.1	1469.1
56°	1775.3	2076.9	1823.3	1236.5	771.8	1074.3	1558.0	1598.9	1425.0	1367.5	1342.6
57°	1581.3	1856.2	1635.0	1090.7	683.1	1002.9	1442.8	1458.7	1264.7	1277.3	1229.2
58°	1443.3	1671.7	1467.0	962.2	628.7	937.8	1331.6	1318.4	1103.5	1148.0	1131.6
59°	1294.2	1523.7	1314.4	864.8	581.4	842.5	1261.6	1209.5	1023.7	1038.5	1040.0
60°	1133.8	1361.0	1160.3	797.2	541.0	746.6	1142.9	1099.6	911.2	975.8	954.5
61°	1005.6	1194.2	1022.2	708.3	504.7	675.8	1013.1	979.3	780.2	886.3	872.1
62°	894.7	1047.2	891.6	623.6	472.0	624.8	916.7	893.2	690.5	795.5	796.0
63°	789.4	914.3	787.8	555.5	442.0	571.9	843.2	819.4	613.6	706.4	726.0
64°	713.4	802.7	699.2	499.8	413.9	524.0	756.7	738.3	547.8	635.5	657.2
65°	638.8	702.1	624.0	450.8	385.7	476.7	675.2	660.8	496.8	577.4	594.1
66°	567.7	618.9	553.6	411.3	357.5	436.1	601.7	588.5	451.4	523.3	538.5
67°	503.1	540.4	493.5	371.8	331.1	395.6	532.6	521.8	411.8	471.6	486.3
68°	444.2	468.5	438.6	332.4	304.5	355.2	470.6	459.1	373.9	422.2	434.0
69°	385.2	406.7	383.8	298.9	280.8	323.2	420.6	402.3	337.9	375.3	382.1
70°	326.4	345.4	329.3	267.6	258.0	292.3	370.6	350.4	303.7	331.6	333.7
71°	280.3	299.5	286.0	237.8	235.9	263.4	320.8	306.7	270.9	290.7	291.2
72°	240.0	257.6	248.1	211.4	213.7	237.3	283.7	269.3	242.2	255.7	255.0
73°	205.3	218.7	213.8	186.8	191.5	213.3	250.5	235.4	215.6	224.9	224.1
74°	172.9	184.3	182.1	164.0	170.4	189.8	218.9	205.1	191.1	197.3	196.0
75°	145.0	154.5	152.6	142.0	149.7	167.0	188.9	177.4	166.5	171.5	170.1
76°	121.3	128.7	127.8	120.3	130.8	145.3	159.6	154.0	144.9	149.4	146.8
77°	101.2	107.1	106.9	101.2	112.5	124.2	134.8	130.8	123.3	127.4	123.6
78°	83.4	88.7	88.4	85.1	94.6	104.8	113.6	107.6	104.0	105.3	100.4
79°	68.0	72.1	72.1	71.1	78.7	88.5	95.3	90.7	88.3	88.6	83.7
80°	54.7	57.7	58.1	58.2	65.0	73.6	78.8	72.9	72.6	72.3	68.7
81°	44.6	47.3	47.4	47.7	52.8	59.3	64.1	58.1	57.9	57.8	55.3
82°	34.4	36.8	36.6	37.2	42.4	47.7	51.0	46.9	46.7	45.7	42.3
83°	24.4	26.5	25.9	26.8	32.0	36.1	40.0	36.5	35.2	33.9	30.0
84°	16.5	18.0	17.9	18.6	21.7	24.5	29.1	26.8	25.3	23.4	19.2
85°	10.4	11.3	11.3	11.8	14.1	16.7	18.2	17.9	16.5	16.7	12.3
86°	5.2	5.8	6.1	6.6	7.7	10.2	10.9	11.7	11.0	10.0	5.6
87°	2.3	2.4	2.6	2.9	3.5	5.1	5.8	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	1.5	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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10487.7	10487.7	10487.7
1°	10489.5	10488.2	10485.1
2°	10487.7	10487.0	10482.8
3°	10487.5	10483.3	10476.1
4°	10480.4	10473.2	10460.8
5°	10464.6	10455.7	10440.7
6°	10445.0	10432.8	10413.8
7°	10414.5	10400.8	10378.9
8°	10381.7	10370.5	10350.8
9°	10351.7	10334.3	10314.6
10°	10311.8	10303.1	10270.9
11°	10267.3	10251.6	10220.2
12°	10213.7	10192.0	10155.9
13°	10150.6	10126.8	10084.0
14°	10075.7	10050.4	10004.5
15°	9995.0	9965.3	9910.6
16°	9896.9	9860.4	9798.8
17°	9786.0	9742.6	9669.8
18°	9664.8	9607.2	9531.7
19°	9527.3	9464.1	9379.8
20°	9372.4	9307.2	9221.0
21°	9206.6	9148.2	9059.2
22°	9027.0	8975.4	8890.7
23°	8829.4	8792.4	8709.3
24°	8623.0	8604.0	8528.0
25°	8418.7	8409.7	8358.9
26°	8208.3	8235.7	8205.4
27°	8004.6	8075.4	8060.6
28°	7800.8	7917.7	7919.7
29°	7611.5	7765.4	7792.9
30°	7414.5	7615.3	7675.1
31°	7223.4	7468.3	7552.3
32°	7045.1	7330.5	7433.3
33°	6866.9	7195.4	7322.7
34°	6690.4	7064.3	7212.6
35°	6506.3	6934.9	7099.3
36°	6334.9	6813.8	6985.0
37°	6167.7	6682.3	6861.6
38°	5980.9	6539.0	6722.9
39°	5775.6	6364.4	6554.8
40°	5554.0	6150.2	6347.2
41°	5315.9	5914.5	6124.2
42°	5051.3	5662.3	5860.3
43°	4786.3	5391.2	5568.4
44°	4515.8	5102.4	5263.2

REPORT NUMBER: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4233.1	4782.7	4918.4
46°	3948.6	4457.6	4566.2
47°	3661.6	4137.2	4221.5
48°	3378.8	3822.9	3893.4
49°	3085.1	3483.9	3547.3
50°	2740.0	3135.0	3224.0
51°	2376.7	2743.7	2976.2
52°	2059.4	2461.8	2688.5
53°	1872.6	2178.1	2298.7
54°	1691.8	1946.9	2093.0
55°	1570.0	1790.3	1909.7
56°	1449.0	1630.1	1687.3
57°	1327.9	1469.8	1484.1
58°	1206.9	1309.5	1281.1
59°	1096.3	1185.4	1138.6
60°	991.7	1047.2	1004.0
61°	903.6	924.7	879.0
62°	816.1	832.1	772.1
63°	728.5	745.5	685.4
64°	651.4	665.0	600.2
65°	583.6	592.7	531.0
66°	513.2	528.6	474.6
67°	446.8	474.5	425.1
68°	392.8	423.1	380.9
69°	345.2	375.9	339.2
70°	305.8	330.9	301.0
71°	268.7	291.8	266.7
72°	236.4	257.1	234.7
73°	207.0	222.5	203.9
74°	179.1	191.2	177.1
75°	155.4	165.5	153.7
76°	131.8	140.1	130.3
77°	108.2	114.6	107.0
78°	89.8	92.9	86.7
79°	74.4	73.2	66.7
80°	59.4	56.8	50.6
81°	45.3	42.5	37.9
82°	33.9	30.9	28.2
83°	24.2	22.7	20.0
84°	17.3	15.9	12.9
85°	10.4	9.1	5.9
86°	3.5	2.3	1.9
87°	1.0	0.8	0.7
88°	0.4	0.3	0.3
89°	0.1	0.1	0.2

REPORT NUMBER: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440331

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)