

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: P1440319

Luminaire Tested: XSF100-SFTR-5Hx5V-840-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440319
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-840-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 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: 17352.1 lumens
Efficiency: N/A
Efficacy: 159.2 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - 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

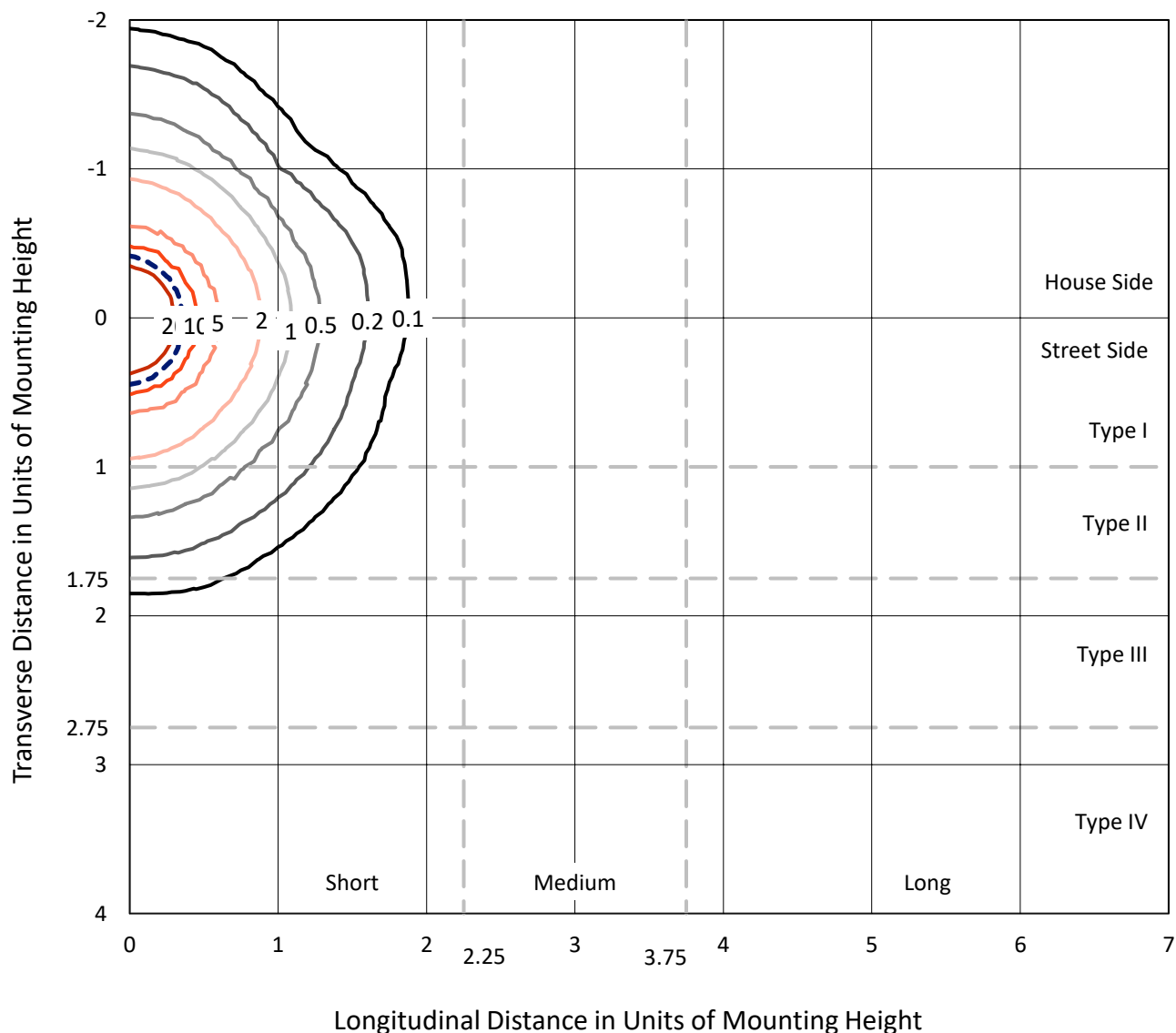
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



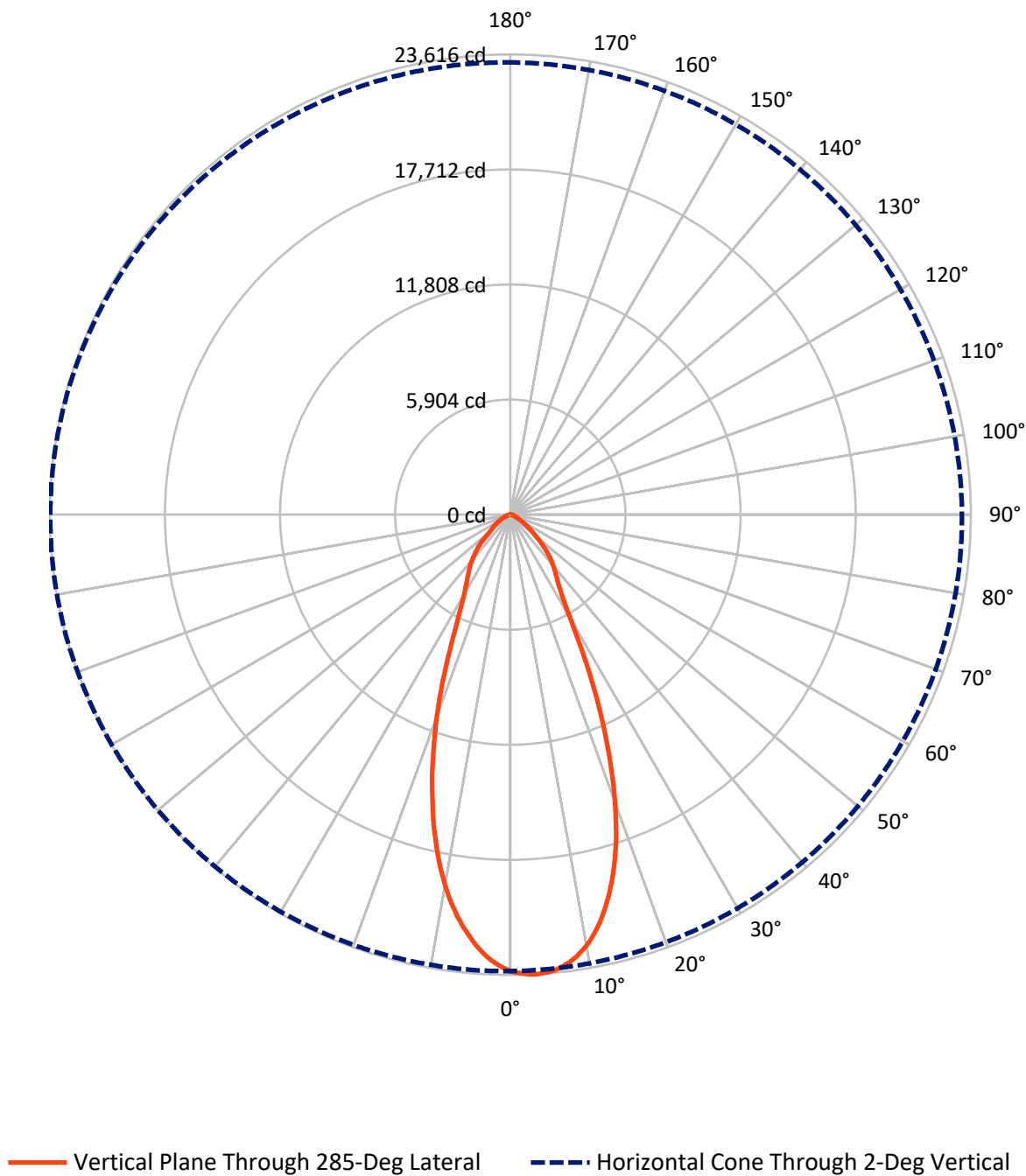
Based on 25 foot mounting height. Maximum calculated value = 37.6 fc

Type V - Short - N/A

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CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8430.7	0.0	8430.7
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	8921.4	0.0	8921.4
	% Fixture	51.4	0.0	51.4
Total	Lumens	17352.1	0.0	17352.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2111.7	12.2
10°-20°	4991.4	28.8
20°-30°	4237.0	24.4
30°-40°	2591.0	14.9
40°-50°	1889.4	10.9
50°-60°	938.3	5.4
60°-70°	422.4	2.4
70°-80°	151.8	0.9
80°-90°	19.2	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°	17352.1	100.0
0°-180°	17352.1	100.0

Coefficient of Utilization



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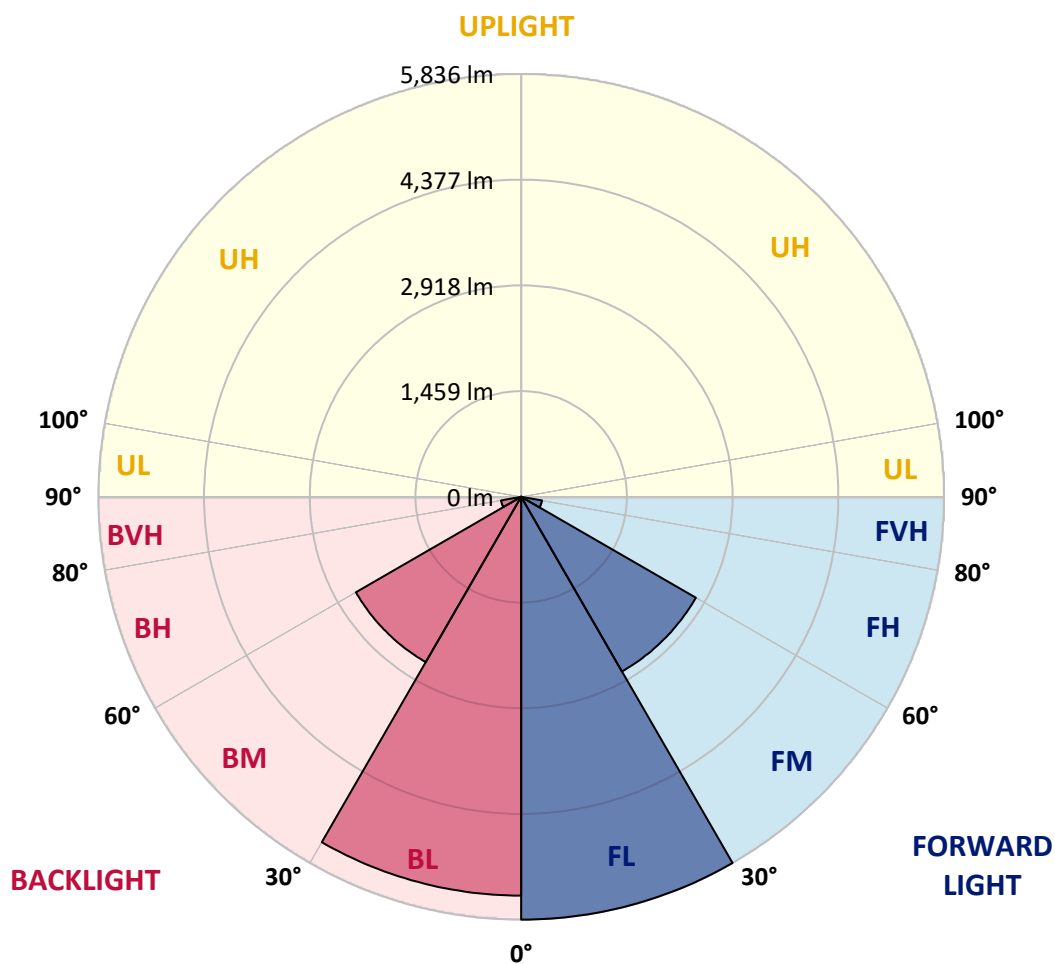
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5836.1	33.6			
FM	(30°-60°)	2784.5	16.0			
FH	(60°-80°)	291.7	1.7			G0/660
FVH	(80°-90°)	9.1	0.1			G0/10
BL	(0°-30°)	5504.0	31.7	B5		
BM	(30°-60°)	2634.2	15.2	B3/5000		
BH	(60°-80°)	282.5	1.6	B1/500		G0/660
BVH	(80°-90°)	10.1	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4
1°	23510.4	23475.3	23444.0	23418.1	23392.3	23372.0	23349.8	23325.8	23324.0	23329.5	23344.3
2°	23423.7	23359.1	23314.8	23279.7	23244.6	23200.3	23163.4	23126.5	23113.6	23119.1	23121.0
3°	23261.2	23183.7	23117.3	23065.6	23013.9	22962.2	22906.9	22870.0	22846.0	22844.1	22855.2
4°	23034.2	22927.2	22847.8	22796.1	22729.7	22676.2	22600.5	22554.3	22534.0	22535.9	22550.7
5°	22761.1	22657.7	22559.9	22475.0	22395.6	22332.9	22244.3	22187.1	22166.8	22185.2	22222.1
6°	22467.6	22351.3	22240.6	22126.1	22011.7	21923.1	21821.6	21755.2	21749.6	21799.5	21882.5
7°	22177.8	22044.9	21902.8	21742.2	21581.7	21467.2	21367.6	21299.3	21301.1	21382.3	21520.8
8°	21919.4	21753.3	21559.5	21338.0	21122.1	20970.7	20841.5	20788.0	20821.2	20948.6	21157.2
9°	21653.6	21459.9	21203.3	20904.3	20620.1	20422.6	20269.4	20226.9	20284.1	20470.6	20760.3
10°	21371.3	21140.5	20819.4	20450.3	20095.9	19843.0	19641.8	19614.2	19712.0	19961.1	20310.0
11°	21042.7	20788.0	20400.4	19964.8	19531.1	19202.6	18979.2	18951.6	19101.1	19401.9	19822.7
12°	20649.6	20358.0	19948.2	19431.4	18942.3	18540.0	18257.9	18248.0	18435.9	18800.2	19259.8
13°	20182.6	19870.7	19416.7	18850.0	18296.9	17814.6	17485.3	17486.8	17726.9	18138.7	18630.4
14°	19652.9	19294.9	18802.1	18220.7	17593.7	17048.3	16677.5	16685.0	16973.9	17420.0	17934.8
15°	19067.8	18683.9	18104.0	17524.8	16862.0	16244.7	15824.2	15851.3	16161.4	16645.9	17168.8
16°	18456.9	17989.4	17375.7	16777.7	16065.1	15405.2	14955.6	14973.7	15307.8	15832.7	16349.7
17°	17811.1	17268.3	16603.5	15974.3	15219.6	14526.1	14076.2	14099.4	14431.1	14956.4	15492.2
18°	17138.7	16534.3	15805.4	15128.2	14349.7	13649.3	13203.9	13200.2	13529.5	14054.2	14602.7
19°	16441.8	15770.1	14968.6	14231.8	13452.7	12755.8	12332.0	12323.7	12619.5	13096.5	13673.2
20°	15705.5	14955.5	14095.7	13322.4	12556.6	11885.3	11466.0	11450.7	11706.7	12120.1	12692.6
21°	14885.9	14065.6	13169.7	12400.6	11644.6	11010.3	10594.1	10570.3	10786.4	11135.6	11667.0
22°	13971.5	13146.9	12225.7	11466.2	10746.4	10129.3	9739.7	9701.9	9896.2	10164.4	10640.2
23°	12975.9	12147.8	11257.2	10516.7	9836.8	9259.8	8895.1	8839.8	8996.5	9216.3	9627.7
24°	11919.8	11126.7	10292.5	9585.4	8954.9	8426.3	8088.6	8026.5	8134.1	8298.8	8677.1
25°	10860.2	10136.2	9360.8	8698.7	8112.7	7653.2	7366.5	7272.2	7331.5	7457.1	7796.8
26°	9789.0	9149.5	8452.9	7847.0	7331.5	6957.9	6724.2	6619.6	6612.4	6710.2	6997.2
27°	8754.5	8222.4	7612.4	7067.0	6644.3	6366.3	6181.6	6069.0	6011.6	6061.1	6321.5
28°	7788.4	7362.1	6856.6	6385.9	6041.9	5854.7	5721.5	5599.3	5509.6	5529.1	5744.0
29°	6962.9	6628.2	6208.7	5807.8	5545.7	5423.4	5335.5	5213.2	5095.6	5087.5	5278.3
30°	6281.1	6007.4	5666.8	5321.1	5120.3	5063.8	5014.6	4888.3	4761.5	4729.8	4895.1
31°	5745.3	5523.8	5215.6	4914.2	4766.9	4765.6	4743.4	4623.5	4482.1	4435.4	4592.1
32°	5327.2	5133.4	4842.9	4585.1	4476.7	4513.6	4517.9	4390.7	4250.3	4191.6	4339.4
33°	5006.4	4827.8	4542.2	4304.9	4230.9	4298.4	4318.7	4191.6	4051.3	3979.3	4125.1
34°	4752.5	4585.4	4294.7	4067.0	4012.9	4109.2	4147.3	4015.7	3872.3	3799.0	3945.7
35°	4547.2	4382.2	4086.5	3858.0	3820.6	3933.9	3983.6	3850.7	3706.3	3631.2	3784.6
36°	4376.7	4209.1	3906.8	3668.7	3648.7	3775.0	3828.0	3697.5	3553.1	3478.9	3634.0
37°	4229.6	4053.0	3746.0	3503.3	3491.7	3622.5	3679.0	3556.1	3399.9	3326.5	3493.2
38°	4093.0	3902.9	3598.5	3352.7	3344.9	3473.6	3537.5	3414.5	3246.8	3174.0	3352.3
39°	3954.0	3753.8	3455.3	3206.0	3197.8	3323.0	3395.9	3272.8	3092.1	3016.8	3211.3
40°	3804.9	3604.5	3305.1	3055.4	3051.3	3163.9	3254.1	3120.5	2942.2	2863.2	3059.4
41°	3649.5	3450.5	3146.3	2903.5	2900.5	3003.1	3091.9	2971.2	2783.7	2712.2	2903.5
42°	3481.9	3287.4	2982.8	2750.4	2746.0	2831.5	2921.7	2809.7	2624.2	2559.4	2746.0
43°	3305.4	3114.6	2822.2	2592.6	2590.1	2654.5	2753.6	2655.6	2461.8	2402.2	2588.4
44°	3120.7	2934.8	2657.2	2439.8	2433.7	2483.2	2586.9	2501.5	2298.8	2248.1	2441.1

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CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2919.7	2753.2	2494.1	2287.9	2285.5	2322.8	2428.2	2352.3	2145.2	2101.7	2297.1
46°	2715.9	2575.1	2331.1	2140.4	2139.9	2165.2	2256.4	2188.6	1989.5	1975.4	2162.2
47°	2518.1	2398.5	2172.0	1995.2	1977.3	1992.6	2073.3	1994.5	1796.4	1833.1	2013.3
48°	2333.3	2228.9	2004.2	1831.1	1807.9	1831.1	1900.7	1799.4	1602.7	1658.9	1830.5
49°	2137.3	2040.4	1806.8	1655.1	1655.1	1671.8	1739.1	1610.0	1431.0	1485.1	1627.8
50°	1957.0	1844.0	1640.7	1482.1	1502.4	1536.4	1597.4	1445.4	1251.0	1267.4	1447.0
51°	1815.5	1631.4	1475.6	1309.1	1349.8	1401.7	1483.0	1329.2	1113.0	1095.3	1272.6
52°	1639.7	1484.3	1310.6	1189.9	1233.1	1294.4	1381.3	1241.9	1015.4	955.4	1149.0
53°	1481.0	1337.3	1180.6	1099.9	1122.1	1179.3	1288.2	1170.5	930.2	845.0	1071.7
54°	1322.8	1237.1	1089.7	1039.4	1020.0	1063.8	1182.8	1113.8	858.7	738.4	988.1
55°	1213.1	1108.5	994.9	972.2	940.3	965.8	1089.5	1044.6	792.9	646.5	894.7
56°	1087.9	999.6	914.9	892.5	885.8	891.2	1010.0	978.7	730.8	573.2	799.0
57°	967.4	912.6	836.1	823.3	836.4	822.1	929.2	908.8	681.8	523.7	718.8
58°	851.1	828.7	765.8	757.7	768.6	743.6	850.0	857.8	633.2	487.5	647.8
59°	769.8	764.9	705.2	692.7	715.2	677.4	779.3	783.2	573.6	454.9	589.4
60°	688.7	719.8	650.3	633.2	657.9	595.1	719.9	708.5	527.2	425.6	539.6
61°	615.9	657.3	590.2	581.4	596.7	528.6	656.4	658.5	498.2	401.2	493.0
62°	550.3	588.4	535.1	532.6	542.8	489.6	599.8	611.6	461.4	376.9	453.5
63°	495.6	527.8	489.0	488.4	497.2	456.0	556.2	564.2	426.2	352.5	419.9
64°	443.9	483.2	449.0	449.7	457.2	417.5	510.5	509.9	392.7	331.4	388.4
65°	400.1	437.2	415.0	414.7	418.0	382.6	465.4	461.2	359.3	311.5	357.0
66°	363.2	396.0	381.0	381.1	381.3	351.3	422.7	417.3	329.9	291.1	327.9
67°	329.5	359.1	348.6	349.1	346.1	323.8	380.0	373.5	301.1	271.2	298.6
68°	298.0	323.0	315.9	316.4	311.7	297.0	337.3	329.9	273.1	252.0	270.1
69°	268.9	289.6	282.3	283.6	279.3	269.7	300.3	294.4	247.8	232.5	246.3
70°	240.6	257.5	252.0	252.9	249.0	244.1	270.8	264.5	224.9	213.6	237.0
71°	215.7	229.1	229.6	224.5	221.8	220.7	260.4	237.1	204.0	194.7	225.3
72°	191.6	203.4	225.0	199.3	196.9	198.4	232.6	211.5	184.1	176.3	202.6
73°	169.1	179.4	201.6	176.2	174.0	176.9	200.6	187.1	164.5	157.1	173.4
74°	149.5	157.5	170.7	155.8	154.1	157.1	171.9	164.4	146.0	139.1	149.9
75°	129.9	135.7	146.3	135.4	134.1	137.4	148.1	142.9	128.2	122.2	129.6
76°	110.3	113.8	122.1	115.0	114.2	117.7	128.0	123.4	111.2	106.0	110.7
77°	93.8	95.1	97.9	96.6	97.2	100.3	110.3	105.3	95.5	90.5	94.1
78°	77.3	77.0	81.7	80.3	82.1	84.6	95.0	88.7	80.9	75.1	79.0
79°	61.0	61.6	67.4	65.9	68.0	69.9	79.9	73.3	67.4	61.6	66.1
80°	47.5	47.9	53.7	53.2	54.5	56.6	65.0	59.7	54.9	50.0	54.1
81°	36.2	36.3	40.6	42.4	44.2	45.9	52.9	49.3	44.8	40.7	43.8
82°	26.9	27.6	31.1	31.7	33.8	35.9	42.7	38.9	34.8	31.4	33.4
83°	19.2	19.3	21.1	22.1	24.4	26.8	32.6	28.6	24.8	22.1	23.1
84°	13.4	13.5	14.9	16.0	18.0	19.7	22.5	20.9	18.4	16.1	16.0
85°	7.8	7.8	8.7	9.9	11.6	13.3	14.2	14.4	12.3	10.6	9.7
86°	2.0	2.1	2.5	3.9	5.3	7.9	7.6	7.7	6.5	5.6	5.0
87°	0.6	0.6	0.7	0.9	1.7	2.5	2.9	2.9	2.5	2.3	2.2
88°	0.3	0.3	0.3	0.3	0.4	0.6	0.7	0.8	0.8	0.9	1.0
89°	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	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: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319
CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4	23486.4
1°	23362.8	23401.5	23418.1	23458.7	23486.4	23519.6	23545.5	23558.4	23554.7	23569.5	23575.0
2°	23152.3	23205.9	23259.4	23331.4	23416.3	23492.0	23558.4	23597.2	23615.6	23602.7	23584.2
3°	22892.1	22945.6	23030.5	23137.6	23270.5	23399.7	23528.9	23582.4	23611.9	23587.9	23530.7
4°	22595.0	22661.4	22761.1	22895.8	23084.1	23268.6	23453.2	23536.3	23576.9	23514.1	23405.2
5°	22290.4	22366.1	22469.4	22622.6	22851.5	23095.1	23327.7	23455.0	23495.6	23396.0	23239.1
6°	21985.9	22063.4	22168.6	22349.5	22595.0	22881.0	23161.6	23327.7	23353.5	23237.3	23028.7
7°	21664.7	21777.3	21893.6	22068.9	22321.8	22630.0	22947.5	23139.4	23163.4	23021.3	22792.4
8°	21356.5	21500.5	21629.7	21806.8	22048.6	22356.9	22687.2	22905.0	22934.6	22772.1	22521.1
9°	21026.1	21197.8	21363.9	21541.1	21766.2	22048.6	22379.0	22602.3	22631.9	22471.3	22222.1
10°	20636.7	20848.9	21044.6	21253.1	21452.5	21697.9	22004.3	22238.7	22277.5	22122.5	21928.7
11°	20195.6	20435.5	20673.6	20919.1	21122.1	21299.3	21563.2	21792.1	21847.4	21723.8	21603.8
12°	19676.9	19935.3	20214.0	20531.5	20743.7	20871.1	21066.7	21277.1	21347.3	21280.8	21253.1
13°	19075.2	19346.5	19676.9	20075.6	20319.2	20367.2	20522.2	20710.5	20784.3	20782.5	20860.0
14°	18403.8	18711.6	19064.1	19542.2	19813.5	19835.6	19911.3	20081.1	20164.2	20238.0	20415.2
15°	17688.2	18041.8	18420.0	18934.9	19252.4	19241.3	19257.9	19381.6	19503.4	19643.7	19909.5
16°	16938.3	17362.0	17736.0	18248.0	18575.0	18558.4	18543.7	18615.6	18770.7	19003.2	19333.6
17°	16169.9	16682.1	17059.7	17502.7	17818.1	17825.5	17757.4	17778.6	17978.1	18282.9	18650.7
18°	15349.5	15970.6	16353.0	16715.1	16985.0	17015.6	16905.1	16884.4	17109.4	17521.9	17886.6
19°	14469.7	15180.3	15600.0	15884.0	16075.6	16126.0	15983.3	15931.3	16191.3	16669.0	17023.9
20°	13513.6	14292.5	14745.6	14985.9	15090.9	15166.6	15004.4	14934.8	15205.9	15731.7	16106.8
21°	12489.8	13292.3	13784.4	13990.7	14043.7	14160.0	13980.7	13915.8	14193.4	14744.5	15111.8
22°	11420.2	12224.6	12736.9	12916.1	12970.6	13097.0	12940.9	12884.4	13172.7	13706.1	14075.6
23°	10360.2	11126.9	11641.1	11780.5	11839.4	12007.7	11889.0	11855.8	12133.8	12645.2	12980.7
24°	9322.2	10033.9	10505.1	10669.0	10738.8	10906.6	10838.3	10822.8	11110.7	11565.7	11873.1
25°	8366.0	8967.8	9423.0	9576.6	9641.0	9859.5	9797.7	9808.6	10101.8	10510.7	10768.7
26°	7477.8	7978.2	8377.4	8545.9	8615.5	8791.2	8773.3	8814.8	9099.1	9459.4	9700.4
27°	6720.2	7135.4	7475.2	7635.1	7682.0	7824.8	7822.8	7885.3	8151.3	8470.8	8679.0
28°	6080.1	6414.1	6673.3	6811.0	6842.7	6932.6	6957.9	7035.6	7258.4	7537.4	7733.4
29°	5576.6	5863.0	6051.3	6135.8	6127.0	6166.6	6214.3	6317.8	6493.0	6708.0	6886.8
30°	5180.7	5428.0	5550.5	5571.0	5525.3	5536.7	5613.3	5732.2	5857.9	5994.6	6142.3
31°	4866.9	5099.6	5179.0	5130.3	5042.4	5041.1	5141.4	5270.7	5357.5	5414.2	5541.1
32°	4619.6	4836.3	4872.3	4770.0	4660.4	4647.1	4767.8	4905.1	4962.5	4964.5	5048.7
33°	4416.9	4623.3	4639.7	4486.1	4344.9	4340.3	4468.2	4615.0	4644.1	4597.6	4656.1
34°	4242.1	4454.4	4436.1	4253.2	4095.2	4089.1	4227.6	4378.2	4391.5	4305.6	4342.7
35°	4091.5	4309.7	4263.5	4054.1	3877.6	3879.3	4022.3	4176.4	4179.8	4065.9	4081.9
36°	3953.3	4179.0	4110.7	3876.9	3690.6	3696.0	3844.8	4006.1	3995.9	3859.2	3866.7
37°	3818.4	4051.3	3964.9	3716.1	3536.9	3544.6	3688.6	3848.8	3826.7	3677.2	3679.2
38°	3677.4	3917.1	3821.5	3570.1	3383.0	3393.5	3550.0	3707.1	3670.9	3511.6	3512.9
39°	3531.2	3778.3	3674.8	3424.3	3229.0	3242.1	3411.4	3566.8	3524.2	3355.7	3356.6
40°	3385.0	3630.8	3514.2	3278.3	3072.5	3088.6	3272.8	3420.8	3369.7	3202.1	3203.6
41°	3238.6	3477.1	3353.8	3118.8	2916.2	2935.0	3121.8	3267.1	3212.1	3049.6	3053.1
42°	3066.4	3323.0	3192.5	2947.6	2758.6	2779.4	2963.6	3106.1	3043.4	2891.8	2898.7
43°	2897.9	3152.3	3008.8	2775.6	2596.9	2623.3	2801.9	2931.9	2864.1	2734.9	2740.1
44°	2731.4	2978.8	2826.9	2595.4	2430.8	2462.9	2639.7	2755.4	2675.7	2571.0	2582.3

REPORT NUMBER: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2573.6	2810.8	2645.2	2419.9	2263.7	2290.5	2474.3	2582.9	2484.3	2405.7	2424.1
46°	2419.0	2648.6	2480.6	2256.7	2107.4	2123.8	2313.6	2416.0	2295.3	2235.1	2269.6
47°	2248.6	2465.5	2312.3	2111.1	1962.3	1963.6	2154.5	2263.4	2127.2	2072.2	2121.3
48°	2053.7	2276.1	2112.0	1931.3	1801.8	1792.1	1982.3	2098.0	1952.7	1918.6	1977.5
49°	1877.6	2103.7	1916.9	1726.7	1599.0	1586.2	1794.7	1927.1	1775.9	1758.1	1807.9
50°	1728.8	1986.9	1771.8	1543.3	1383.2	1404.0	1595.6	1749.6	1641.3	1596.5	1645.9
51°	1591.3	1838.3	1665.2	1392.4	1184.5	1246.1	1419.3	1621.1	1506.9	1435.0	1455.4
52°	1481.4	1685.8	1540.9	1226.8	1007.0	1080.7	1285.1	1493.1	1372.5	1273.4	1264.2
53°	1416.2	1598.6	1471.7	1145.3	905.1	974.5	1198.1	1365.1	1260.1	1156.3	1152.3
54°	1334.3	1518.1	1398.6	1052.5	799.1	896.5	1134.9	1251.1	1148.1	1062.0	1066.6
55°	1250.2	1412.9	1285.8	952.9	695.1	825.8	1084.0	1147.3	1042.5	982.3	986.3
56°	1131.7	1293.8	1164.2	858.9	609.6	767.7	1029.7	1062.1	952.4	920.6	914.2
57°	1019.4	1169.0	1052.7	769.9	551.5	720.8	958.1	970.0	860.9	863.5	844.4
58°	936.7	1061.6	953.5	690.1	512.0	677.6	887.8	884.4	767.9	784.6	780.8
59°	848.0	975.4	861.2	628.3	477.3	618.1	840.8	817.5	716.6	719.8	720.4
60°	755.0	881.7	770.5	581.9	446.4	557.7	769.6	748.9	646.7	678.3	664.8
61°	679.1	784.4	687.2	526.4	417.7	512.1	691.2	677.1	569.2	622.4	612.0
62°	613.8	699.0	611.6	473.5	392.2	476.5	632.7	624.3	513.1	565.6	561.7
63°	552.0	620.6	550.4	431.0	366.7	441.3	587.2	577.8	464.7	511.7	516.3
64°	504.9	554.0	496.5	396.5	344.9	408.3	534.6	530.7	423.1	466.4	473.4
65°	459.0	493.6	450.8	362.0	324.2	375.3	485.8	486.8	389.9	428.2	433.9
66°	416.5	443.7	410.5	334.3	303.8	342.4	441.4	445.2	359.5	391.7	398.1
67°	374.1	393.9	370.3	307.0	283.3	314.1	398.5	404.8	332.5	357.5	364.5
68°	331.8	344.3	330.0	279.6	263.2	289.0	355.9	365.7	306.2	324.4	330.5
69°	295.1	301.6	294.1	253.8	243.9	263.7	320.5	328.9	280.7	292.2	296.4
70°	258.5	264.7	261.0	233.0	225.0	239.4	287.1	294.0	255.8	261.7	264.5
71°	226.6	232.9	230.7	218.8	205.9	216.5	257.8	263.2	231.6	232.2	235.5
72°	198.0	204.3	203.5	208.7	187.0	195.8	230.6	242.6	209.3	206.7	209.7
73°	172.2	177.3	178.0	184.5	168.0	176.1	205.1	222.4	188.0	183.3	185.6
74°	147.9	152.9	153.8	156.8	149.2	156.9	180.9	191.8	167.7	163.1	165.0
75°	126.1	131.0	131.3	134.5	131.3	138.6	157.8	163.4	148.6	143.0	143.4
76°	107.2	111.6	111.9	114.4	114.4	121.3	135.5	140.8	129.5	122.8	121.8
77°	90.4	94.4	94.5	97.4	98.1	104.5	116.3	118.2	110.4	105.1	103.5
78°	75.1	79.1	78.6	82.4	82.2	88.5	98.6	100.5	93.7	89.1	86.4
79°	61.6	65.3	64.4	69.5	68.0	74.7	82.8	84.9	78.8	75.1	71.7
80°	49.6	52.8	51.9	57.1	55.6	61.7	68.1	69.5	64.4	61.3	58.6
81°	41.0	43.8	42.8	46.6	45.6	50.7	55.1	56.2	51.2	49.1	46.8
82°	32.3	34.8	33.7	36.1	35.6	39.7	45.1	45.2	40.6	38.5	35.5
83°	23.8	25.8	24.7	25.6	25.8	28.8	35.1	35.2	30.6	28.5	25.2
84°	19.1	20.9	20.1	18.5	20.5	22.4	25.1	25.6	23.3	21.1	17.3
85°	13.7	14.9	14.5	11.6	14.7	16.6	18.3	17.0	17.4	15.2	11.6
86°	7.1	7.6	8.1	6.2	8.5	10.4	11.4	10.9	11.2	9.2	6.0
87°	2.4	2.5	2.9	2.7	3.6	4.3	5.1	4.8	4.9	3.3	1.8
88°	1.1	1.2	1.2	1.2	1.3	1.5	1.7	1.4	1.4	0.9	0.5
89°	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.2	0.2

REPORT NUMBER: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319
CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	23486.4	23486.4	23486.4
1°	23547.3	23538.1	23510.4
2°	23530.7	23475.3	23423.7
3°	23434.7	23342.5	23261.2
4°	23263.1	23132.0	23034.2
5°	23045.3	22875.5	22761.1
6°	22799.8	22602.3	22467.6
7°	22530.4	22325.5	22177.8
8°	22255.3	22056.0	21919.4
9°	21996.9	21801.3	21653.6
10°	21729.3	21539.2	21371.3
11°	21446.9	21247.6	21042.7
12°	21147.9	20909.8	20649.6
13°	20782.5	20483.5	20182.6
14°	20350.6	19994.4	19652.9
15°	19833.8	19442.5	19067.8
16°	19250.6	18848.2	18456.9
17°	18610.1	18213.6	17811.1
18°	17893.4	17546.4	17138.7
19°	17119.2	16858.9	16441.8
20°	16284.2	16139.6	15705.5
21°	15374.6	15336.4	14885.9
22°	14409.3	14435.7	13971.5
23°	13341.0	13447.0	12975.9
24°	12235.3	12366.1	11919.8
25°	11126.9	11267.8	10860.2
26°	10021.7	10144.8	9789.0
27°	8967.3	9062.7	8754.5
28°	7975.6	8034.3	7788.4
29°	7084.1	7125.7	6962.9
30°	6319.8	6358.6	6281.1
31°	5701.5	5772.2	5745.3
32°	5212.8	5315.0	5327.2
33°	4826.5	4963.6	5006.4
34°	4521.0	4693.4	4752.5
35°	4270.7	4473.8	4547.2
36°	4070.1	4298.2	4376.7
37°	3897.0	4146.7	4229.6
38°	3736.2	4006.4	4093.0
39°	3580.3	3862.3	3954.0
40°	3426.0	3708.2	3804.9
41°	3269.3	3550.6	3649.5
42°	3101.7	3386.8	3481.9
43°	2940.6	3220.2	3305.4
44°	2779.1	3042.4	3120.7

REPORT NUMBER: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2613.9	2858.4	2919.7
46°	2448.3	2670.7	2715.9
47°	2280.4	2487.8	2518.1
48°	2119.0	2305.8	2333.3
49°	1948.9	2112.8	2137.3
50°	1750.4	1915.6	1957.0
51°	1584.5	1702.2	1815.5
52°	1419.1	1551.6	1639.7
53°	1253.6	1402.7	1481.0
54°	1142.1	1253.8	1322.8
55°	1050.8	1161.8	1213.1
56°	984.2	1070.9	1087.9
57°	903.6	964.9	967.4
58°	825.8	872.3	851.1
59°	755.8	794.6	769.8
60°	691.3	710.1	688.7
61°	634.9	635.5	615.9
62°	577.7	578.6	550.3
63°	522.5	525.2	495.6
64°	474.8	476.8	443.9
65°	432.8	431.2	400.1
66°	391.1	390.8	363.2
67°	350.4	356.8	329.5
68°	314.3	323.7	298.0
69°	280.4	292.2	268.9
70°	251.6	261.6	240.6
71°	225.5	233.8	215.7
72°	206.9	208.5	191.6
73°	197.8	183.5	169.1
74°	175.7	161.7	149.5
75°	146.9	139.9	129.9
76°	122.4	118.2	110.3
77°	105.5	99.4	93.8
78°	88.6	81.7	77.3
79°	71.6	65.5	61.0
80°	57.5	51.0	47.5
81°	44.0	38.4	36.2
82°	32.9	28.1	26.9
83°	23.5	20.5	19.2
84°	16.8	14.6	13.4
85°	10.1	8.7	7.8
86°	3.5	2.7	2.0
87°	0.9	0.7	0.6
88°	0.4	0.3	0.3
89°	0.1	0.1	0.1

REPORT NUMBER: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-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: P1440319

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)