

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: P1440316

Luminaire Tested: XSF100-SFTR-5Hx5V-830-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440316
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-830-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13832.3 lumens
Efficiency: N/A
Efficacy: 160.8 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G0

Input Watts (W): 86
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

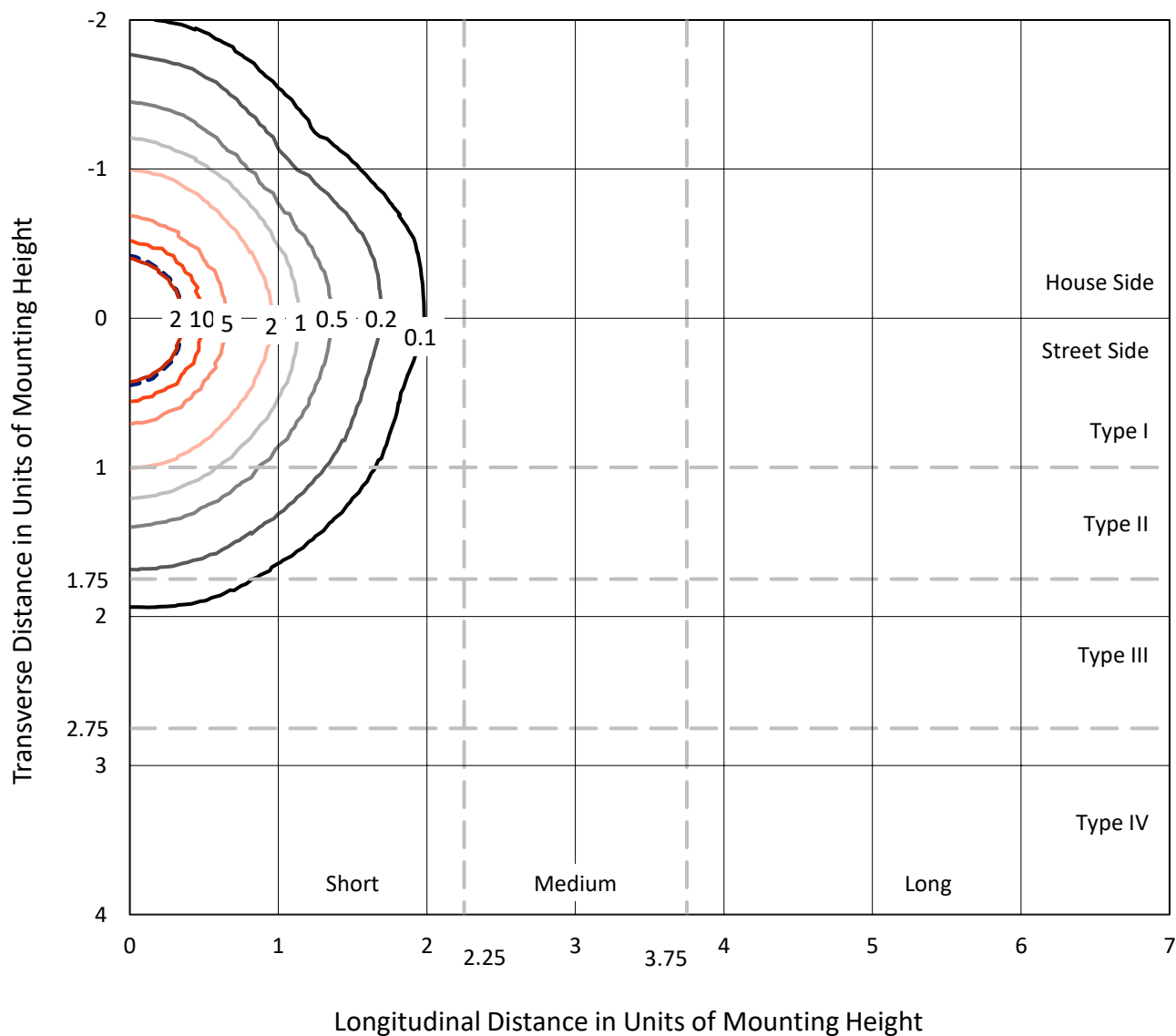
REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



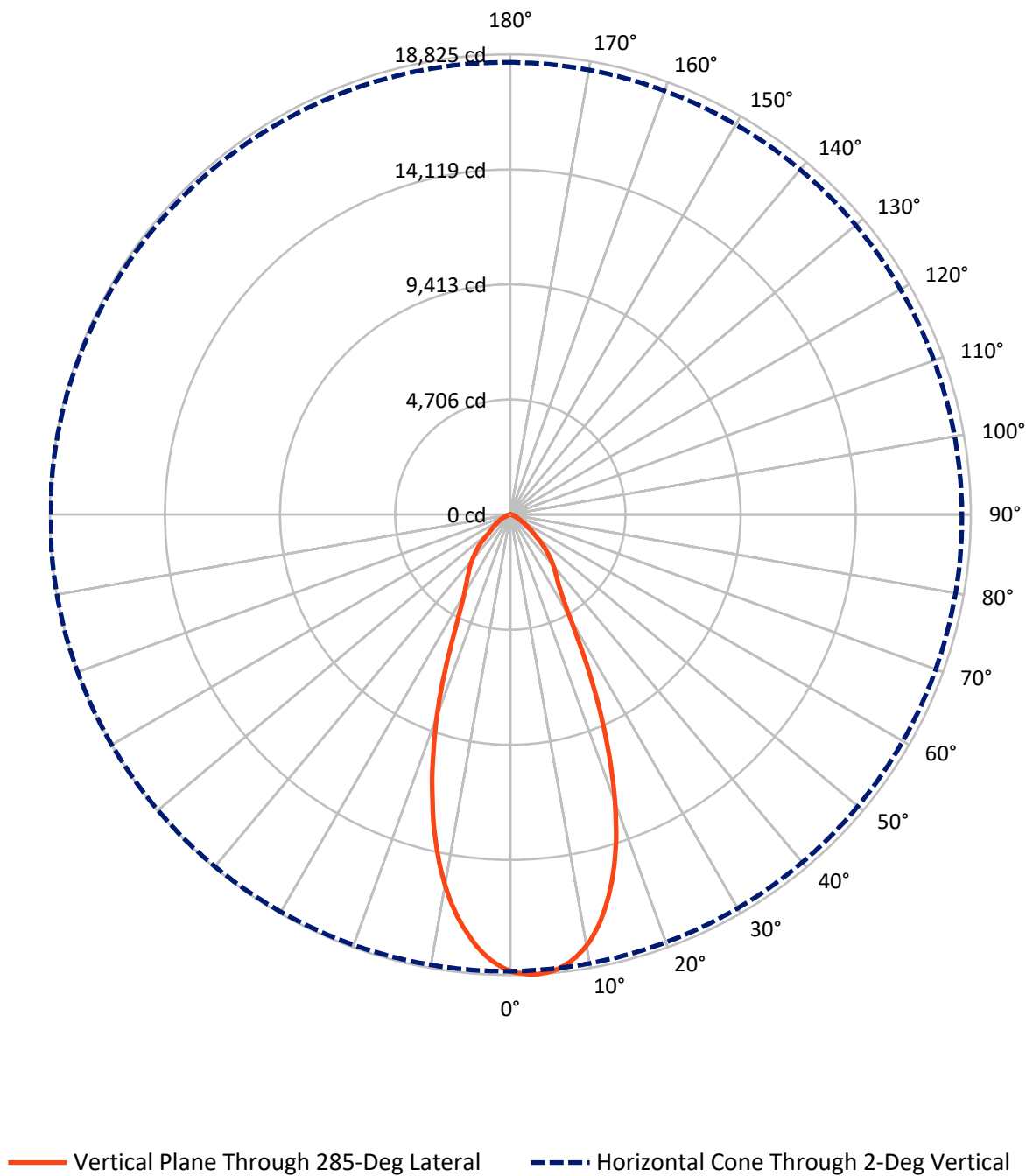
Based on 20 foot mounting height. Maximum calculated value = 46.8 fc

Type V - Short - N/A

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

Luminous Intensity Polar Plot



REPORT NUMBER: P1440316

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6720.6	0.0	6720.6
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	7111.7	0.0	7111.7
	% Fixture	51.4	0.0	51.4
Total	Lumens	13832.3	0.0	13832.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1683.4	12.2
10°-20°	3978.9	28.8
20°-30°	3377.5	24.4
30°-40°	2065.4	14.9
40°-50°	1506.1	10.9
50°-60°	747.9	5.4
60°-70°	336.7	2.4
70°-80°	121.0	0.9
80°-90°	15.3	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°	13832.3	100.0
0°-180°	13832.3	100.0

Coefficient of Utilization



REPORT NUMBER: P1440316

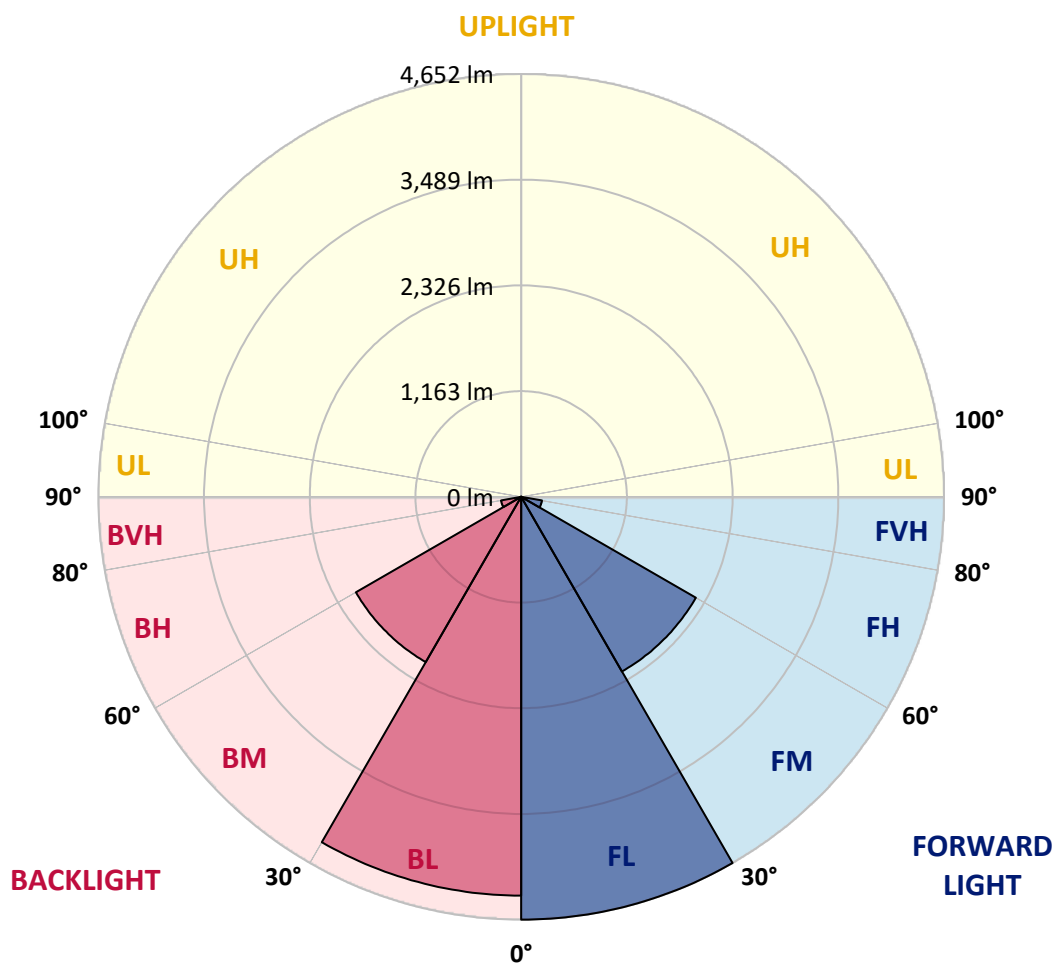
CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4652.3	33.6			
FM	(30°-60°)	2219.7	16.0			
FH	(60°-80°)	232.5	1.7			G0/660
FVH	(80°-90°)	7.3	0.1			G0/10
BL	(0°-30°)	4387.5	31.7	B4/5000		
BM	(30°-60°)	2099.8	15.2	B2/2500		
BH	(60°-80°)	225.2	1.6	B1/500		G0/660
BVH	(80°-90°)	8.0	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G0

Type V Short



REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2
1°	18741.3	18713.4	18688.4	18667.8	18647.2	18631.0	18613.3	18594.2	18592.7	18597.2	18608.9
2°	18672.2	18620.7	18585.4	18557.4	18529.5	18494.2	18464.7	18435.3	18425.0	18429.4	18430.9
3°	18542.7	18480.9	18428.0	18386.8	18345.6	18304.4	18260.2	18230.8	18211.7	18210.2	18219.0
4°	18361.8	18276.4	18213.1	18172.0	18119.0	18076.3	18016.0	17979.2	17963.0	17964.5	17976.3
5°	18144.0	18061.6	17983.6	17915.9	17852.7	17802.7	17732.0	17686.4	17670.2	17685.0	17714.4
6°	17910.1	17817.4	17729.1	17637.9	17546.7	17476.0	17395.1	17342.1	17337.7	17377.5	17443.7
7°	17679.1	17573.1	17459.8	17331.8	17203.8	17112.6	17033.2	16978.7	16980.2	17044.9	17155.3
8°	17473.1	17340.7	17186.2	17009.6	16837.5	16716.8	16613.9	16571.2	16597.7	16699.2	16865.4
9°	17261.2	17106.7	16902.2	16663.9	16437.3	16279.9	16157.8	16123.9	16169.5	16318.1	16549.1
10°	17036.1	16852.2	16596.2	16301.9	16019.5	15817.9	15657.5	15635.4	15713.4	15912.0	16190.1
11°	16774.2	16571.2	16262.2	15915.0	15569.2	15307.3	15129.3	15107.2	15226.4	15466.2	15801.7
12°	16460.8	16228.4	15901.7	15489.8	15099.9	14779.1	14554.3	14546.4	14696.2	14986.6	15353.0
13°	16088.6	15840.0	15478.0	15026.3	14585.4	14200.9	13938.5	13939.6	14131.0	14459.3	14851.2
14°	15666.3	15380.9	14988.1	14524.6	14024.8	13590.0	13294.5	13300.5	13530.8	13886.4	14296.7
15°	15199.9	14893.9	14431.6	13969.9	13441.6	12949.4	12614.3	12635.9	12883.1	13269.3	13686.1
16°	14712.9	14340.3	13851.1	13374.4	12806.3	12280.3	11921.9	11936.3	12202.6	12621.1	13033.2
17°	14198.1	13765.4	13235.5	12733.9	12132.3	11579.5	11220.8	11239.4	11503.8	11922.5	12349.6
18°	13662.1	13180.3	12599.3	12059.5	11438.9	10880.5	10525.5	10522.5	10785.0	11203.3	11640.6
19°	13106.6	12571.2	11932.2	11344.9	10723.8	10168.3	9830.5	9823.8	10059.7	10439.9	10899.6
20°	12519.7	11921.7	11236.4	10619.9	10009.5	9474.4	9140.1	9127.9	9332.0	9661.5	10117.9
21°	11866.3	11212.4	10498.3	9885.2	9282.5	8776.9	8445.1	8426.1	8598.4	8876.8	9300.3
22°	11137.4	10480.0	9745.7	9140.3	8566.5	8074.6	7764.0	7733.9	7888.8	8102.6	8481.9
23°	10343.8	9683.6	8973.7	8383.4	7841.4	7381.5	7090.8	7046.6	7171.5	7346.8	7674.7
24°	9501.9	8869.7	8204.7	7641.0	7138.4	6717.0	6447.8	6398.4	6484.1	6615.4	6917.0
25°	8657.2	8080.1	7462.0	6934.2	6467.1	6100.7	5872.2	5797.0	5844.3	5944.5	6215.2
26°	7803.3	7293.5	6738.2	6255.2	5844.3	5546.5	5360.2	5276.8	5271.1	5349.0	5577.8
27°	6978.6	6554.5	6068.2	5633.4	5296.5	5074.9	4927.7	4837.9	4792.2	4831.6	5039.2
28°	6208.6	5868.7	5465.7	5090.5	4816.3	4667.1	4560.9	4463.5	4392.0	4407.6	4578.8
29°	5550.5	5283.7	4949.3	4629.7	4420.8	4323.3	4253.2	4155.7	4061.9	4055.5	4207.6
30°	5007.0	4788.8	4517.3	4241.7	4081.7	4036.6	3997.4	3896.7	3795.6	3770.3	3902.2
31°	4579.8	4403.3	4157.6	3917.3	3799.9	3798.9	3781.2	3685.6	3572.9	3535.7	3660.6
32°	4246.6	4092.1	3860.5	3655.0	3568.6	3598.0	3601.4	3500.1	3388.1	3341.3	3459.2
33°	3990.9	3848.5	3620.9	3431.6	3372.6	3426.5	3442.7	3341.3	3229.5	3172.1	3288.3
34°	3788.4	3655.3	3423.6	3242.0	3198.9	3275.7	3306.0	3201.1	3086.8	3028.4	3145.3
35°	3624.8	3493.3	3257.6	3075.4	3045.6	3135.9	3175.5	3069.6	2954.5	2894.6	3016.9
36°	3488.9	3355.3	3114.3	2924.5	2908.6	3009.2	3051.5	2947.4	2832.4	2773.2	2896.8
37°	3371.6	3230.8	2986.1	2792.7	2783.4	2887.7	2932.7	2834.7	2710.3	2651.7	2784.6
38°	3262.7	3111.2	2868.6	2672.6	2666.4	2769.0	2819.9	2721.9	2588.2	2530.2	2672.3
39°	3152.0	2992.3	2754.4	2555.6	2549.2	2648.9	2707.0	2608.9	2464.9	2404.8	2559.9
40°	3033.1	2873.3	2634.6	2435.6	2432.3	2522.1	2594.0	2487.5	2345.4	2282.4	2438.8
41°	2909.2	2750.6	2508.1	2314.5	2312.1	2393.9	2464.7	2368.5	2219.0	2162.1	2314.5
42°	2775.6	2620.5	2377.8	2192.5	2189.0	2257.1	2329.1	2239.8	2091.9	2040.2	2189.0
43°	2634.9	2482.8	2249.8	2066.7	2064.7	2116.0	2195.0	2116.9	1962.4	1914.9	2063.3
44°	2487.7	2339.5	2118.2	1944.9	1940.0	1979.5	2062.2	1994.0	1832.5	1792.0	1945.9

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2327.4	2194.7	1988.2	1823.8	1821.9	1851.6	1935.6	1875.2	1710.1	1675.4	1831.2
46°	2165.0	2052.7	1858.2	1706.3	1705.8	1726.0	1798.7	1744.7	1585.9	1574.7	1723.6
47°	2007.3	1911.9	1731.4	1590.5	1576.2	1588.4	1652.7	1589.9	1432.0	1461.3	1604.9
48°	1860.0	1776.7	1597.7	1459.7	1441.1	1459.7	1515.1	1434.4	1277.6	1322.4	1459.2
49°	1703.8	1626.5	1440.3	1319.4	1319.4	1332.7	1386.3	1283.4	1140.7	1183.8	1297.6
50°	1560.0	1469.9	1307.8	1181.4	1197.7	1224.7	1273.3	1152.2	997.3	1010.3	1153.5
51°	1447.2	1300.5	1176.3	1043.6	1076.0	1117.3	1182.2	1059.6	887.2	873.1	1014.5
52°	1307.1	1183.2	1044.7	948.5	983.0	1031.8	1101.1	990.0	809.4	761.6	915.9
53°	1180.6	1066.0	941.1	876.8	894.5	940.1	1026.9	933.1	741.5	673.6	854.3
54°	1054.4	986.2	868.6	828.6	813.1	848.0	942.9	887.8	684.5	588.6	787.7
55°	967.0	883.7	793.1	775.0	749.6	769.9	868.5	832.7	632.0	515.4	713.2
56°	867.2	796.8	729.3	711.5	706.1	710.4	805.1	780.2	582.6	456.9	636.9
57°	771.1	727.5	666.5	656.3	666.7	655.4	740.7	724.4	543.5	417.5	573.0
58°	678.5	660.6	610.4	604.0	612.7	592.7	677.6	683.8	504.8	388.6	516.4
59°	613.7	609.7	562.1	552.2	570.1	540.0	621.2	624.3	457.3	362.6	469.8
60°	549.0	573.8	518.4	504.8	524.4	474.4	573.9	564.8	420.3	339.2	430.1
61°	490.9	524.0	470.5	463.5	475.7	421.4	523.3	525.0	397.2	319.8	393.0
62°	438.7	469.0	426.6	424.5	432.7	390.3	478.1	487.5	367.8	300.4	361.5
63°	395.1	420.8	389.8	389.4	396.3	363.5	443.4	449.7	339.7	281.0	334.7
64°	353.9	385.2	357.9	358.5	364.4	332.8	407.0	406.5	313.0	264.2	309.6
65°	318.9	348.5	330.8	330.6	333.2	305.0	371.0	367.6	286.4	248.3	284.6
66°	289.5	315.7	303.7	303.8	304.0	280.1	336.9	332.7	262.9	232.1	261.4
67°	262.7	286.2	277.9	278.3	275.9	258.1	302.9	297.7	240.0	216.2	238.1
68°	237.6	257.5	251.8	252.2	248.5	236.8	268.8	262.9	217.7	200.9	215.3
69°	214.4	230.8	225.0	226.0	222.7	215.0	239.4	234.6	197.6	185.3	196.3
70°	191.8	205.3	200.9	201.6	198.5	194.6	215.9	210.8	179.3	170.3	189.0
71°	172.0	182.6	183.0	179.0	176.8	175.9	207.6	189.0	162.6	155.2	179.6
72°	152.7	162.1	179.4	158.9	156.9	158.2	185.4	168.6	146.8	140.5	161.5
73°	134.8	143.0	160.7	140.5	138.7	141.0	159.9	149.2	131.2	125.3	138.2
74°	119.2	125.6	136.1	124.2	122.8	125.3	137.0	131.1	116.4	110.8	119.5
75°	103.5	108.1	116.7	107.9	106.9	109.5	118.0	113.9	102.2	97.4	103.3
76°	87.9	90.7	97.3	91.7	91.1	93.8	102.1	98.4	88.7	84.5	88.3
77°	74.7	75.8	78.0	77.0	77.5	80.0	87.9	84.0	76.1	72.2	75.0
78°	61.6	61.4	65.1	64.0	65.4	67.5	75.7	70.7	64.5	59.8	63.0
79°	48.6	49.1	53.7	52.6	54.2	55.7	63.7	58.4	53.8	49.1	52.7
80°	37.9	38.1	42.8	42.4	43.4	45.1	51.8	47.6	43.8	39.8	43.2
81°	28.8	28.9	32.4	33.8	35.2	36.6	42.2	39.3	35.7	32.4	34.9
82°	21.4	22.0	24.8	25.3	26.9	28.6	34.1	31.0	27.7	25.0	26.7
83°	15.3	15.4	16.8	17.7	19.5	21.4	26.0	22.8	19.7	17.6	18.4
84°	10.7	10.8	11.9	12.7	14.3	15.7	17.9	16.7	14.6	12.9	12.8
85°	6.2	6.2	6.9	7.9	9.3	10.6	11.3	11.5	9.8	8.4	7.8
86°	1.6	1.7	2.0	3.1	4.2	6.3	6.1	6.2	5.2	4.5	4.0
87°	0.5	0.5	0.5	0.8	1.3	2.0	2.3	2.3	2.0	1.8	1.7
88°	0.2	0.2	0.2	0.2	0.3	0.5	0.6	0.6	0.7	0.7	0.8
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440316
CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

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: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2	18722.2
1°	18623.6	18654.5	18667.8	18700.1	18722.2	18748.7	18769.3	18779.6	18776.7	18788.4	18792.8
2°	18455.9	18498.6	18541.2	18598.6	18666.3	18726.6	18779.6	18810.5	18825.2	18814.9	18800.2
3°	18248.5	18291.1	18358.8	18444.1	18550.1	18653.1	18756.1	18798.7	18822.3	18803.1	18757.5
4°	18011.6	18064.5	18144.0	18251.4	18401.5	18548.6	18695.7	18761.9	18794.3	18744.3	18657.5
5°	17768.8	17829.1	17911.5	18033.7	18216.1	18410.3	18595.7	18697.2	18729.6	18650.1	18525.1
6°	17526.1	17587.8	17671.7	17815.9	18011.6	18239.6	18463.3	18595.7	18616.3	18523.6	18357.3
7°	17270.1	17359.8	17452.5	17592.3	17793.8	18039.5	18292.6	18445.6	18464.7	18351.5	18169.0
8°	17024.3	17139.1	17242.1	17383.3	17576.1	17821.8	18085.1	18258.8	18282.3	18152.8	17952.7
9°	16761.0	16897.8	17030.2	17171.5	17351.0	17576.1	17839.4	18017.5	18041.0	17913.0	17714.4
10°	16450.5	16619.7	16775.7	16942.0	17100.9	17296.5	17540.8	17727.6	17758.5	17634.9	17480.4
11°	16098.9	16290.2	16480.0	16675.6	16837.5	16978.7	17189.1	17371.6	17415.7	17317.1	17221.5
12°	15685.5	15891.4	16113.6	16366.7	16535.9	16637.4	16793.4	16961.1	17017.0	16964.0	16942.0
13°	15205.8	15422.1	15685.5	16003.3	16197.5	16235.7	16359.3	16509.4	16568.2	16566.8	16628.6
14°	14670.6	14916.0	15197.0	15578.1	15794.3	15812.0	15872.3	16007.7	16073.9	16132.7	16274.0
15°	14100.1	14382.0	14683.5	15094.0	15347.1	15338.2	15351.5	15450.1	15547.2	15659.0	15870.8
16°	13502.4	13840.2	14138.3	14546.4	14807.1	14793.9	14782.1	14839.5	14963.1	15148.4	15411.8
17°	12889.9	13298.1	13599.2	13952.3	14203.7	14209.6	14155.3	14172.2	14331.3	14574.2	14867.4
18°	12235.9	12731.0	13035.8	13324.5	13539.6	13564.0	13475.9	13459.4	13638.7	13967.6	14258.3
19°	11534.5	12101.0	12435.5	12662.0	12814.7	12854.8	12741.1	12699.6	12906.9	13287.7	13570.6
20°	10772.4	11393.3	11754.5	11946.0	12029.7	12090.1	11960.7	11905.3	12121.4	12540.6	12839.5
21°	9956.2	10596.0	10988.2	11152.7	11194.9	11287.6	11144.8	11093.0	11314.3	11753.6	12046.4
22°	9103.6	9744.8	10153.3	10296.1	10339.5	10440.3	10315.8	10270.8	10500.6	10925.8	11220.4
23°	8258.7	8869.8	9279.7	9390.8	9437.8	9571.9	9477.3	9450.9	9672.4	10080.1	10347.6
24°	7431.2	7998.5	8374.2	8504.8	8560.4	8694.2	8639.7	8627.4	8856.9	9219.6	9464.7
25°	6668.9	7148.7	7511.5	7634.0	7685.3	7859.5	7810.2	7818.9	8052.7	8378.6	8584.3
26°	5960.9	6359.8	6678.1	6812.4	6867.9	7007.9	6993.6	7026.8	7253.3	7540.5	7732.7
27°	5357.0	5688.0	5958.9	6086.3	6123.7	6237.6	6235.9	6285.8	6497.8	6752.5	6918.5
28°	4846.7	5113.0	5319.6	5429.4	5454.7	5526.3	5546.5	5608.4	5786.0	6008.5	6164.7
29°	4445.4	4673.7	4823.8	4891.2	4884.1	4915.7	4953.7	5036.2	5175.9	5347.3	5489.8
30°	4129.8	4326.9	4424.6	4441.0	4404.5	4413.6	4474.6	4569.4	4669.6	4778.6	4896.3
31°	3879.7	4065.2	4128.5	4089.6	4019.6	4018.5	4098.4	4201.6	4270.7	4315.9	4417.1
32°	3682.5	3855.2	3883.9	3802.4	3715.0	3704.4	3800.6	3910.1	3955.9	3957.5	4024.6
33°	3521.0	3685.4	3698.5	3576.1	3463.6	3459.9	3561.9	3678.8	3702.1	3665.0	3711.6
34°	3381.6	3550.8	3536.3	3390.5	3264.5	3259.7	3370.0	3490.1	3500.7	3432.2	3461.8
35°	3261.6	3435.5	3398.7	3231.7	3091.0	3092.4	3206.4	3329.2	3331.9	3241.1	3253.9
36°	3151.4	3331.3	3276.9	3090.5	2942.0	2946.3	3064.9	3193.4	3185.4	3076.3	3082.4
37°	3043.8	3229.5	3160.6	2962.3	2819.4	2825.6	2940.4	3068.1	3050.4	2931.3	2932.9
38°	2931.4	3122.5	3046.3	2845.9	2696.7	2705.1	2829.9	2955.1	2926.3	2799.3	2800.3
39°	2814.9	3011.9	2929.3	2729.7	2574.0	2584.5	2719.4	2843.3	2809.3	2675.0	2675.7
40°	2698.4	2894.3	2801.3	2613.3	2449.3	2462.1	2608.9	2726.9	2686.1	2552.5	2553.7
41°	2581.7	2771.8	2673.5	2486.2	2324.6	2339.7	2488.5	2604.3	2560.5	2431.0	2433.8
42°	2444.4	2648.9	2544.9	2349.7	2199.0	2215.6	2362.5	2476.0	2426.0	2305.2	2310.7
43°	2310.1	2512.8	2398.5	2212.5	2070.1	2091.2	2233.6	2337.2	2283.2	2180.2	2184.3
44°	2177.4	2374.5	2253.4	2068.9	1937.7	1963.3	2104.2	2196.5	2132.9	2049.5	2058.5

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2051.6	2240.6	2108.7	1929.0	1804.5	1825.9	1972.4	2058.9	1980.4	1917.7	1932.4
46°	1928.3	2111.3	1977.4	1799.0	1679.9	1693.0	1844.3	1925.9	1829.7	1781.7	1809.3
47°	1792.5	1965.4	1843.2	1682.9	1564.3	1565.3	1717.4	1804.2	1695.7	1651.8	1691.0
48°	1637.1	1814.4	1683.6	1539.6	1436.3	1428.5	1580.2	1672.4	1556.6	1529.4	1576.3
49°	1496.7	1677.0	1528.1	1376.4	1274.7	1264.4	1430.6	1536.2	1415.7	1401.5	1441.2
50°	1378.1	1583.8	1412.4	1230.2	1102.6	1119.2	1272.0	1394.7	1308.4	1272.7	1312.0
51°	1268.5	1465.4	1327.4	1109.9	944.2	993.4	1131.4	1292.3	1201.2	1143.9	1160.2
52°	1180.9	1343.8	1228.4	977.9	802.7	861.5	1024.4	1190.2	1094.1	1015.1	1007.7
53°	1128.9	1274.3	1173.2	913.0	721.5	776.8	955.0	1088.2	1004.5	921.8	918.5
54°	1063.6	1210.1	1114.9	839.0	637.0	714.6	904.7	997.3	915.2	846.5	850.2
55°	996.6	1126.3	1025.0	759.6	554.1	658.3	864.1	914.6	831.1	783.0	786.2
56°	902.1	1031.3	928.0	684.7	485.9	612.0	820.8	846.7	759.2	733.8	728.7
57°	812.7	931.9	839.2	613.7	439.7	574.6	763.7	773.2	686.3	688.3	673.1
58°	746.7	846.3	760.1	550.1	408.1	540.1	707.7	705.0	612.1	625.5	622.4
59°	676.0	777.5	686.5	500.9	380.5	492.7	670.2	651.7	571.3	573.8	574.3
60°	601.9	702.9	614.2	463.9	355.9	444.6	613.5	597.0	515.5	540.7	530.0
61°	541.3	625.3	547.8	419.6	333.0	408.2	551.0	539.7	453.7	496.1	487.9
62°	489.3	557.2	487.6	377.5	312.6	379.8	504.4	497.6	409.0	450.9	447.8
63°	440.0	494.7	438.8	343.5	292.3	351.8	468.1	460.6	370.4	407.9	411.6
64°	402.5	441.6	395.8	316.0	274.9	325.5	426.2	423.1	337.3	371.8	377.4
65°	365.9	393.4	359.4	288.6	258.4	299.2	387.3	388.0	310.8	341.3	345.9
66°	332.0	353.7	327.3	266.5	242.1	272.9	351.8	354.9	286.5	312.3	317.3
67°	298.2	314.0	295.2	244.7	225.8	250.4	317.7	322.7	265.0	285.0	290.5
68°	264.5	274.4	263.1	222.9	209.8	230.4	283.7	291.6	244.1	258.6	263.5
69°	235.2	240.5	234.4	202.3	194.5	210.2	255.5	262.2	223.7	232.9	236.3
70°	206.0	211.0	208.1	185.7	179.4	190.8	228.9	234.3	203.9	208.6	210.9
71°	180.6	185.6	183.9	174.4	164.1	172.6	205.5	209.8	184.6	185.1	187.8
72°	157.9	162.8	162.2	166.4	149.1	156.0	183.8	193.4	166.8	164.8	167.1
73°	137.3	141.4	141.9	147.1	133.9	140.4	163.5	177.3	149.9	146.1	147.9
74°	117.9	121.9	122.6	125.0	118.9	125.1	144.2	152.9	133.7	130.0	131.5
75°	100.5	104.5	104.7	107.2	104.6	110.5	125.8	130.3	118.4	114.0	114.3
76°	85.5	88.9	89.2	91.2	91.2	96.7	108.0	112.2	103.2	97.9	97.1
77°	72.1	75.3	75.3	77.6	78.2	83.3	92.7	94.2	88.0	83.7	82.5
78°	59.9	63.1	62.6	65.7	65.5	70.5	78.6	80.1	74.7	71.0	68.9
79°	49.1	52.0	51.4	55.4	54.2	59.6	66.0	67.7	62.8	59.9	57.2
80°	39.6	42.1	41.4	45.5	44.3	49.2	54.3	55.4	51.3	48.9	46.7
81°	32.7	34.9	34.1	37.1	36.3	40.4	43.9	44.8	40.8	39.1	37.3
82°	25.8	27.7	26.8	28.8	28.4	31.6	36.0	36.1	32.4	30.7	28.3
83°	19.0	20.6	19.7	20.4	20.5	23.0	28.0	28.1	24.4	22.7	20.1
84°	15.2	16.7	16.0	14.7	16.3	17.9	20.0	20.4	18.6	16.8	13.8
85°	10.9	11.9	11.5	9.3	11.7	13.2	14.6	13.6	13.9	12.1	9.3
86°	5.6	6.1	6.4	4.9	6.8	8.3	9.1	8.7	8.9	7.4	4.8
87°	1.9	2.0	2.3	2.1	2.9	3.4	4.1	3.8	3.9	2.6	1.5
88°	0.9	0.9	1.0	0.9	1.0	1.2	1.4	1.1	1.1	0.7	0.4
89°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440316
CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	18722.2	18722.2	18722.2
1°	18770.8	18763.4	18741.3
2°	18757.5	18713.4	18672.2
3°	18681.0	18607.5	18542.7
4°	18544.2	18439.7	18361.8
5°	18370.6	18235.2	18144.0
6°	18174.9	18017.5	17910.1
7°	17960.1	17796.8	17679.1
8°	17740.9	17582.0	17473.1
9°	17534.9	17378.9	17261.2
10°	17321.5	17170.0	17036.1
11°	17096.4	16937.5	16774.2
12°	16858.1	16668.3	16460.8
13°	16566.8	16328.4	16088.6
14°	16222.5	15938.5	15666.3
15°	15810.5	15498.6	15199.9
16°	15345.6	15024.9	14712.9
17°	14835.1	14519.0	14198.1
18°	14263.8	13987.2	13662.1
19°	13646.5	13439.1	13106.6
20°	12980.9	12865.7	12519.7
21°	12255.9	12225.4	11866.3
22°	11486.4	11507.4	11137.4
23°	10634.8	10719.3	10343.8
24°	9753.4	9857.7	9501.9
25°	8869.8	8982.1	8657.2
26°	7988.8	8087.0	7803.3
27°	7148.3	7224.3	6978.6
28°	6357.8	6404.5	6208.6
29°	5647.1	5680.2	5550.5
30°	5037.9	5068.8	5007.0
31°	4545.0	4601.3	4579.8
32°	4155.4	4236.9	4246.6
33°	3847.4	3956.8	3990.9
34°	3603.9	3741.4	3788.4
35°	3404.4	3566.3	3624.8
36°	3244.5	3426.3	3488.9
37°	3106.5	3305.6	3371.6
38°	2978.3	3193.7	3262.7
39°	2854.0	3078.8	3152.0
40°	2731.0	2956.0	3033.1
41°	2606.1	2830.3	2909.2
42°	2472.5	2699.8	2775.6
43°	2344.1	2567.0	2634.9
44°	2215.3	2425.3	2487.7

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2083.6	2278.6	2327.4
46°	1951.7	2129.0	2165.0
47°	1817.8	1983.2	2007.3
48°	1689.2	1838.1	1860.0
49°	1553.5	1684.2	1703.8
50°	1395.3	1527.1	1560.0
51°	1263.1	1356.9	1447.2
52°	1131.2	1236.8	1307.1
53°	999.3	1118.1	1180.6
54°	910.4	999.4	1054.4
55°	837.6	926.1	967.0
56°	784.5	853.7	867.2
57°	720.3	769.2	771.1
58°	658.3	695.4	678.5
59°	602.5	633.4	613.7
60°	551.1	566.0	549.0
61°	506.1	506.6	490.9
62°	460.5	461.2	438.7
63°	416.5	418.7	395.1
64°	378.5	380.0	353.9
65°	345.0	343.7	318.9
66°	311.8	311.6	289.5
67°	279.4	284.5	262.7
68°	250.6	258.1	237.6
69°	223.5	232.9	214.4
70°	200.6	208.6	191.8
71°	179.8	186.4	172.0
72°	164.9	166.2	152.7
73°	157.7	146.3	134.8
74°	140.1	128.9	119.2
75°	117.1	111.6	103.5
76°	97.6	94.2	87.9
77°	84.1	79.2	74.7
78°	70.6	65.1	61.6
79°	57.1	52.2	48.6
80°	45.9	40.7	37.9
81°	35.1	30.6	28.8
82°	26.2	22.4	21.4
83°	18.7	16.4	15.3
84°	13.4	11.6	10.7
85°	8.1	6.9	6.2
86°	2.8	2.2	1.6
87°	0.7	0.6	0.5
88°	0.3	0.3	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440316

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)