

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: P1440317

Luminaire Tested: XSF100-SFTR-5Hx5V-830-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440317
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-830-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10757.3 lumens
Efficiency: N/A
Efficacy: 163.0 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): 66
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

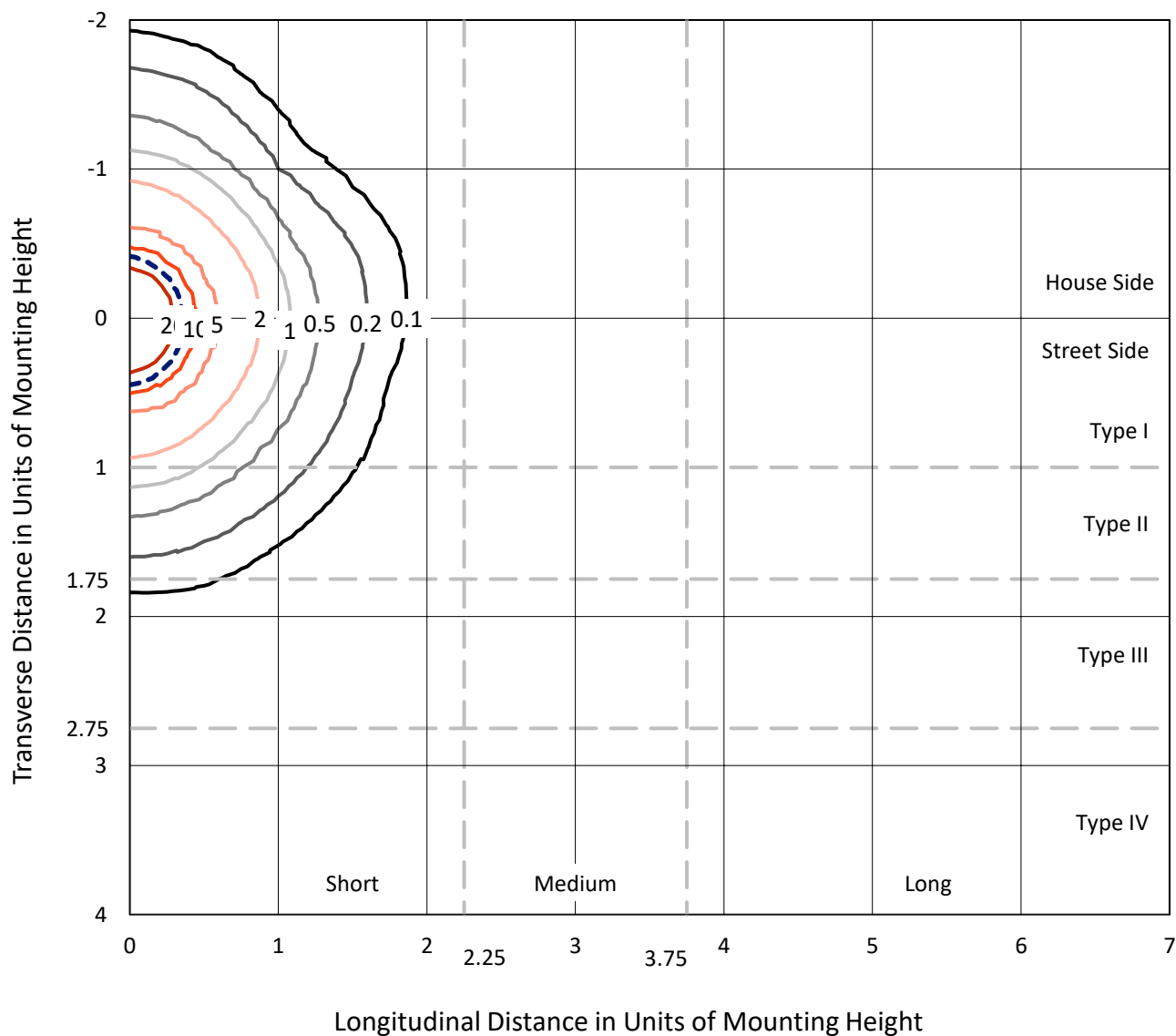
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



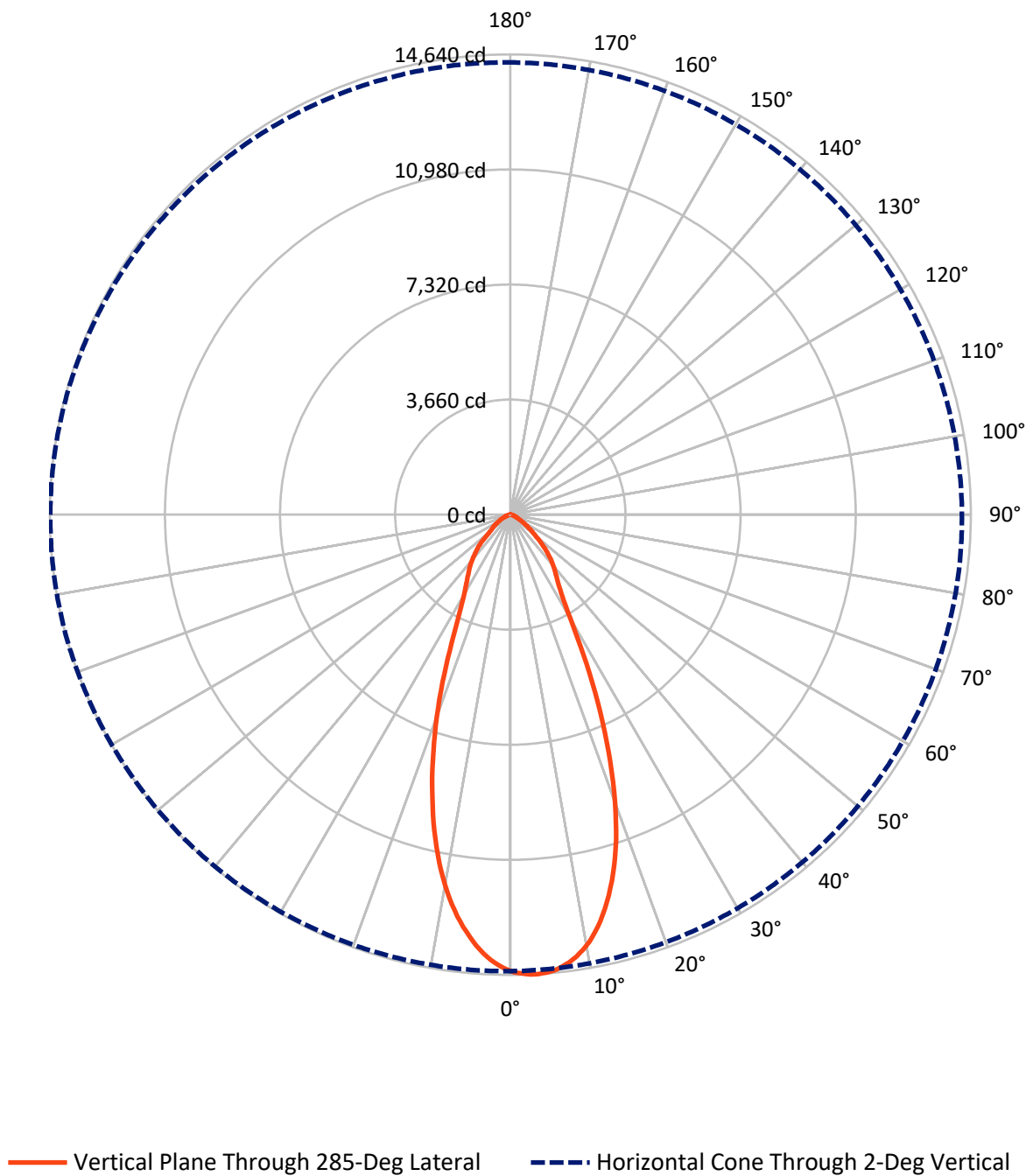
Based on 20 foot mounting height. Maximum calculated value = 36.4 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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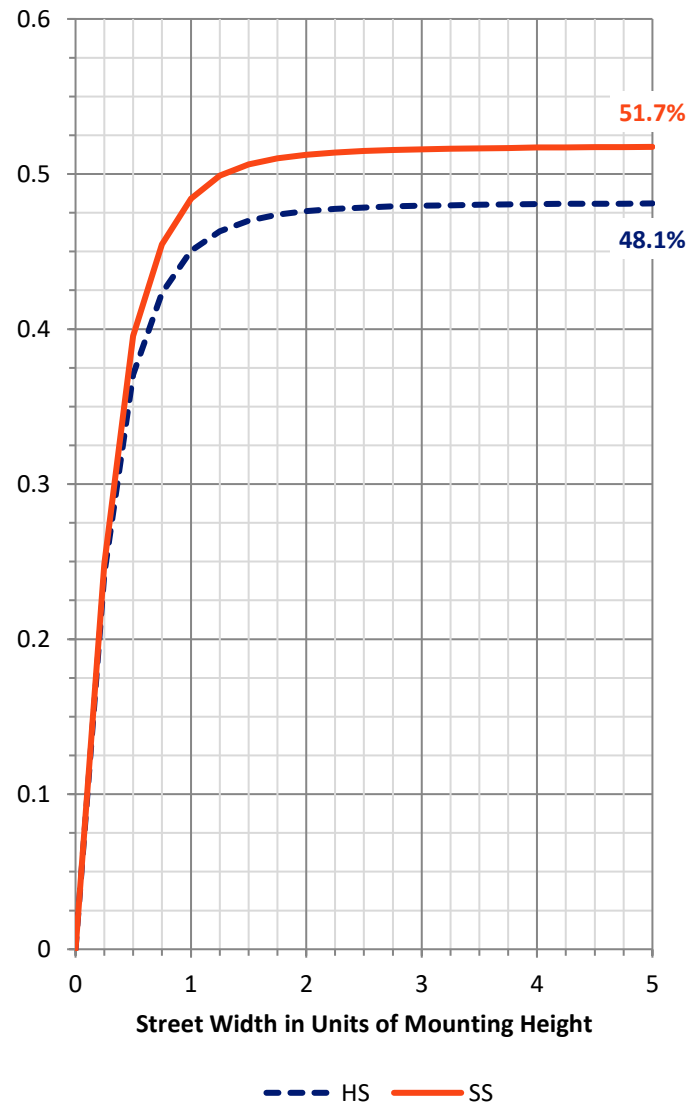
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5226.6	0.0	5226.6
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	5530.7	0.0	5530.7
	% Fixture	51.4	0.0	51.4
Total	Lumens	10757.3	0.0	10757.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1309.1	12.2
10°-20°	3094.4	28.8
20°-30°	2626.7	24.4
30°-40°	1606.3	14.9
40°-50°	1171.3	10.9
50°-60°	581.7	5.4
60°-70°	261.8	2.4
70°-80°	94.1	0.9
80°-90°	11.9	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°	10757.3	100.0
0°-180°	10757.3	100.0

Coefficient of Utilization



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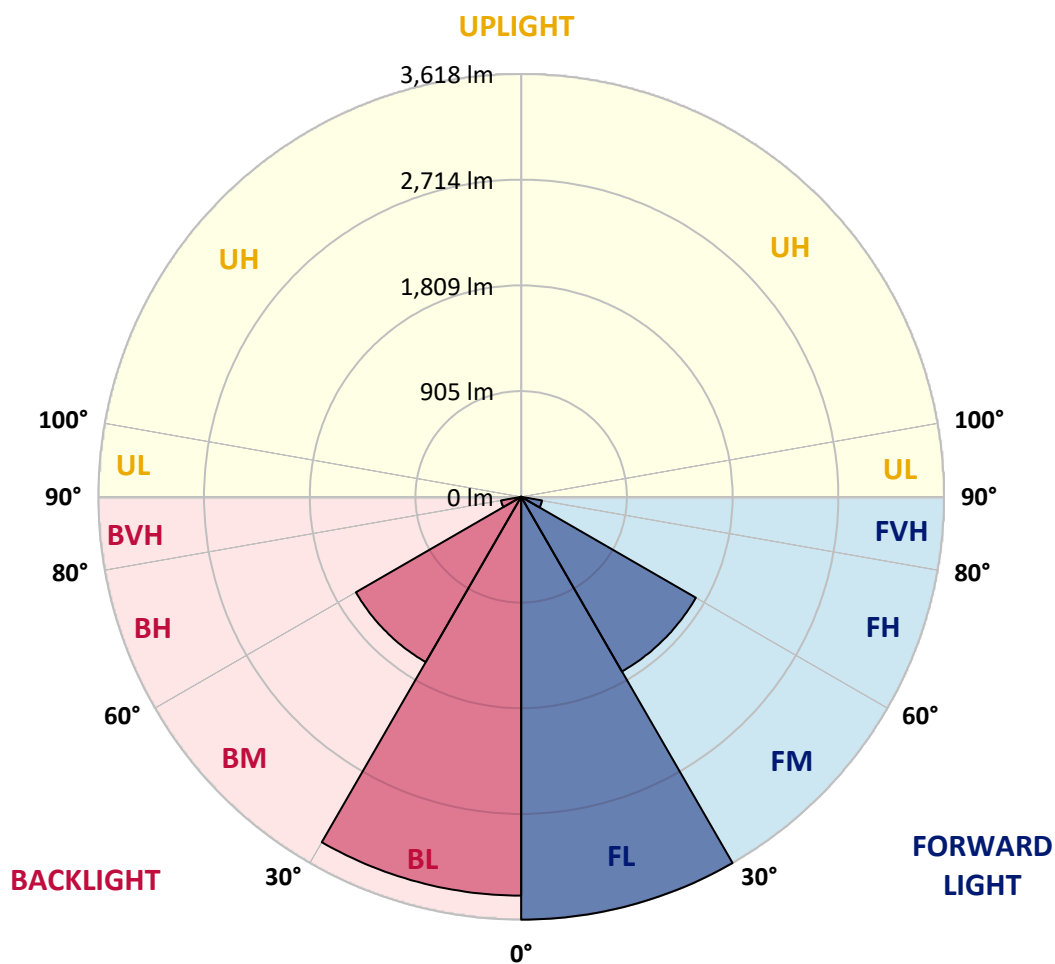
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3618.0	33.6			
FM	(30°-60°)	1726.2	16.0			
FH	(60°-80°)	180.8	1.7			G0/660
FVH	(80°-90°)	5.7	0.1			G0/10
BL	(0°-30°)	3412.1	31.7	B4/5000		
BM	(30°-60°)	1633.0	15.2	B2/2500		
BH	(60°-80°)	175.1	1.6	B1/500		G0/660
BVH	(80°-90°)	6.2	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



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2
1°	14575.0	14553.3	14533.8	14517.8	14501.8	14489.2	14475.5	14460.6	14459.5	14462.9	14472.1
2°	14521.3	14481.2	14453.8	14432.0	14410.3	14382.8	14359.9	14337.0	14329.0	14332.5	14333.6
3°	14420.6	14372.5	14331.3	14299.3	14267.2	14235.2	14200.9	14178.0	14163.1	14162.0	14168.8
4°	14279.8	14213.5	14164.3	14132.2	14091.0	14057.9	14010.9	13982.3	13969.8	13970.9	13980.0
5°	14110.5	14046.4	13985.8	13933.1	13883.9	13845.0	13790.1	13754.6	13742.1	13753.5	13776.4
6°	13928.6	13856.5	13787.8	13716.9	13645.9	13591.0	13528.1	13486.9	13483.5	13514.4	13565.8
7°	13748.9	13666.5	13578.4	13478.9	13379.3	13308.4	13246.6	13204.3	13205.4	13255.8	13341.6
8°	13588.7	13485.7	13365.6	13228.3	13094.4	13000.6	12920.5	12887.3	12907.9	12986.9	13116.2
9°	13424.0	13303.8	13144.8	12959.4	12783.2	12660.8	12565.8	12539.5	12574.9	12690.5	12870.2
10°	13248.9	13105.9	12906.8	12677.9	12458.2	12301.5	12176.8	12159.6	12220.2	12374.7	12591.0
11°	13045.2	12887.3	12647.0	12377.0	12108.1	11904.4	11766.0	11748.8	11841.5	12028.0	12288.9
12°	12801.5	12620.7	12366.7	12046.3	11743.1	11493.7	11318.8	11312.6	11429.1	11655.0	11939.9
13°	12512.0	12318.6	12037.2	11685.9	11343.0	11044.0	10839.9	10840.8	10989.6	11244.9	11549.7
14°	12183.6	11961.6	11656.1	11295.7	10907.0	10568.9	10339.0	10343.7	10522.8	10799.4	11118.5
15°	11820.9	11582.9	11223.4	10864.3	10453.5	10070.7	9810.1	9826.9	10019.1	10319.5	10643.6
16°	11442.2	11152.3	10771.9	10401.2	9959.4	9550.3	9271.6	9282.8	9489.9	9815.3	10135.8
17°	11041.8	10705.3	10293.2	9903.1	9435.2	9005.3	8726.4	8740.8	8946.4	9272.1	9604.2
18°	10625.0	10250.2	9798.4	9378.6	8895.9	8461.7	8185.6	8183.3	8387.5	8712.8	9052.8
19°	10192.9	9776.5	9279.6	8822.8	8339.9	7907.8	7645.1	7639.9	7823.4	8119.0	8476.6
20°	9736.5	9271.5	8738.5	8259.1	7784.3	7368.2	7108.2	7098.7	7257.4	7513.7	7868.7
21°	9228.3	8719.9	8164.4	7687.7	7219.0	6825.7	6567.7	6552.9	6686.9	6903.4	7232.8
22°	8661.5	8150.3	7579.2	7108.3	6662.1	6279.6	6038.0	6014.6	6135.1	6301.3	6596.3
23°	8044.3	7530.9	6978.8	6519.8	6098.2	5740.5	5514.4	5480.1	5577.3	5713.5	5968.6
24°	7389.6	6897.9	6380.7	5942.4	5551.5	5223.8	5014.4	4976.0	5042.7	5144.7	5379.3
25°	6732.7	6283.8	5803.1	5392.7	5029.4	4744.5	4566.8	4508.3	4545.1	4623.0	4833.5
26°	6068.6	5672.1	5240.3	4864.6	4545.1	4313.5	4168.6	4103.7	4099.3	4159.9	4337.8
27°	5427.3	5097.4	4719.2	4381.1	4119.1	3946.7	3832.2	3762.4	3726.8	3757.5	3918.9
28°	4828.4	4564.1	4250.7	3958.9	3745.6	3629.6	3547.0	3471.2	3415.6	3427.7	3560.9
29°	4316.6	4109.1	3849.0	3600.5	3438.0	3362.2	3307.7	3231.8	3159.0	3153.9	3272.2
30°	3893.9	3724.2	3513.1	3298.8	3174.3	3139.3	3108.7	3030.5	2951.9	2932.2	3034.7
31°	3561.7	3424.4	3233.3	3046.5	2955.2	2954.4	2940.6	2866.3	2778.6	2749.7	2846.8
32°	3302.6	3182.4	3002.3	2842.5	2775.3	2798.2	2800.8	2722.0	2634.9	2598.5	2690.2
33°	3103.7	2992.9	2815.9	2668.8	2622.9	2664.8	2677.4	2598.5	2511.6	2466.9	2557.3
34°	2946.2	2842.7	2662.5	2521.3	2487.8	2547.5	2571.1	2489.5	2400.6	2355.1	2446.1
35°	2819.0	2716.7	2533.4	2391.8	2368.5	2438.8	2469.6	2387.2	2297.7	2251.1	2346.2
36°	2713.3	2609.4	2422.0	2274.4	2262.0	2340.3	2373.1	2292.2	2202.7	2156.7	2252.8
37°	2622.1	2512.6	2322.3	2171.8	2164.6	2245.8	2280.8	2204.6	2107.8	2062.2	2165.5
38°	2537.4	2419.6	2230.9	2078.5	2073.7	2153.4	2193.0	2116.8	2012.8	1967.7	2078.2
39°	2451.3	2327.1	2142.1	1987.5	1982.5	2060.0	2105.2	2028.9	1916.9	1870.2	1990.8
40°	2358.8	2234.5	2049.0	1894.1	1891.6	1961.4	2017.4	1934.5	1824.0	1775.0	1896.7
41°	2262.5	2139.1	1950.5	1800.0	1798.1	1861.8	1916.8	1842.0	1725.7	1681.4	1800.0
42°	2158.6	2038.0	1849.2	1705.1	1702.4	1755.3	1811.3	1741.8	1626.8	1586.7	1702.4
43°	2049.2	1930.9	1749.6	1607.3	1605.7	1645.6	1707.1	1646.3	1526.2	1489.2	1604.7
44°	1934.6	1819.4	1647.3	1512.5	1508.8	1539.4	1603.7	1550.8	1425.1	1393.7	1513.3

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1810.0	1706.8	1546.2	1418.4	1416.9	1440.0	1505.3	1458.3	1329.9	1302.9	1424.1
46°	1683.7	1596.4	1445.1	1326.9	1326.6	1342.3	1398.8	1356.8	1233.4	1224.7	1340.5
47°	1561.1	1486.9	1346.5	1236.9	1225.8	1235.3	1285.3	1236.4	1113.7	1136.4	1248.1
48°	1446.5	1381.8	1242.5	1135.2	1120.8	1135.2	1178.3	1115.5	993.6	1028.4	1134.8
49°	1325.0	1264.9	1120.1	1026.1	1026.1	1036.4	1078.1	998.1	887.1	920.7	1009.1
50°	1213.2	1143.2	1017.1	918.8	931.4	952.5	990.3	896.1	775.6	785.7	897.1
51°	1125.5	1011.4	914.8	811.6	836.8	869.0	919.4	824.0	690.0	679.0	788.9
52°	1016.5	920.2	812.5	737.6	764.5	802.4	856.3	769.9	629.5	592.3	712.3
53°	918.1	829.1	731.9	681.9	695.6	731.1	798.6	725.7	576.7	523.9	664.4
54°	820.0	766.9	675.5	644.4	632.3	659.5	733.3	690.5	532.3	457.8	612.6
55°	752.0	687.2	616.8	602.7	582.9	598.7	675.4	647.6	491.5	400.8	554.6
56°	674.4	619.7	567.2	553.3	549.1	552.5	626.1	606.7	453.1	355.3	495.3
57°	599.7	565.8	518.4	510.4	518.5	509.7	576.0	563.4	422.7	324.6	445.6
58°	527.6	513.8	474.7	469.7	476.5	461.0	526.9	531.8	392.6	302.2	401.6
59°	477.2	474.2	437.2	429.4	443.4	419.9	483.1	485.5	355.6	282.0	365.4
60°	427.0	446.3	403.1	392.6	407.8	368.9	446.3	439.3	326.8	263.8	334.5
61°	381.8	407.5	365.9	360.4	369.9	327.7	406.9	408.3	308.9	248.7	305.6
62°	341.2	364.8	331.7	330.2	336.5	303.5	371.8	379.1	286.1	233.6	281.1
63°	307.3	327.2	303.1	302.8	308.2	282.7	344.8	349.8	264.2	218.5	260.3
64°	275.2	299.6	278.4	278.8	283.4	258.8	316.5	316.1	243.4	205.5	240.8
65°	248.0	271.0	257.3	257.1	259.1	237.2	288.5	285.9	222.7	193.1	221.3
66°	225.1	245.5	236.2	236.3	236.4	217.8	262.0	258.7	204.5	180.5	203.3
67°	204.3	222.6	216.1	216.4	214.6	200.8	235.5	231.6	186.7	168.1	185.1
68°	184.8	200.2	195.8	196.2	193.2	184.1	209.1	204.5	169.3	156.2	167.4
69°	166.7	179.5	175.0	175.8	173.2	167.2	186.2	182.5	153.6	144.1	152.7
70°	149.2	159.7	156.3	156.8	154.4	151.4	167.9	163.9	139.4	132.4	147.0
71°	133.7	142.0	142.3	139.2	137.5	136.8	161.4	147.0	126.4	120.7	139.7
72°	118.8	126.1	139.5	123.6	122.0	123.0	144.2	131.1	114.2	109.3	125.6
73°	104.8	111.2	125.0	109.2	107.9	109.7	124.3	116.0	102.0	97.4	107.5
74°	92.7	97.7	105.8	96.6	95.5	97.4	106.5	101.9	90.5	86.2	92.9
75°	80.5	84.1	90.7	83.9	83.2	85.2	91.8	88.6	79.5	75.8	80.3
76°	68.4	70.5	75.7	71.3	70.8	73.0	79.4	76.5	69.0	65.7	68.7
77°	58.1	59.0	60.7	59.9	60.2	62.2	68.4	65.3	59.2	56.1	58.3
78°	47.9	47.8	50.6	49.8	50.9	52.5	58.9	55.0	50.2	46.5	49.0
79°	37.8	38.2	41.8	40.9	42.2	43.3	49.5	45.4	41.8	38.2	41.0
80°	29.5	29.7	33.3	33.0	33.8	35.1	40.3	37.0	34.0	31.0	33.6
81°	22.4	22.5	25.2	26.3	27.4	28.4	32.8	30.6	27.8	25.2	27.1
82°	16.7	17.1	19.3	19.7	21.0	22.3	26.5	24.1	21.6	19.5	20.7
83°	11.9	12.0	13.1	13.7	15.2	16.6	20.2	17.7	15.4	13.7	14.3
84°	8.3	8.4	9.2	9.9	11.1	12.2	13.9	13.0	11.4	10.0	9.9
85°	4.8	4.9	5.4	6.2	7.2	8.3	8.8	8.9	7.6	6.5	6.0
86°	1.3	1.3	1.5	2.4	3.3	4.9	4.7	4.8	4.0	3.5	3.1
87°	0.4	0.4	0.4	0.6	1.0	1.6	1.8	1.8	1.6	1.4	1.3
88°	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.6
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2

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CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

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: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440317
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CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2	14560.2
1°	14483.5	14507.5	14517.8	14543.0	14560.2	14580.8	14596.8	14604.8	14602.5	14611.7	14615.1
2°	14353.1	14386.2	14419.4	14464.1	14516.7	14563.6	14604.8	14628.8	14640.3	14632.3	14620.8
3°	14191.7	14224.9	14277.5	14343.9	14426.3	14506.4	14586.5	14619.7	14638.0	14623.1	14587.6
4°	14007.5	14048.7	14110.5	14194.0	14310.7	14425.1	14539.6	14591.1	14616.2	14577.3	14509.8
5°	13818.7	13865.6	13929.7	14024.7	14166.6	14317.6	14461.8	14540.7	14565.9	14504.1	14406.8
6°	13629.9	13678.0	13743.2	13855.3	14007.5	14184.9	14358.8	14461.8	14477.8	14405.7	14276.4
7°	13430.8	13500.6	13572.7	13681.4	13838.2	14029.2	14226.1	14345.1	14359.9	14271.8	14129.9
8°	13239.7	13329.0	13409.1	13518.9	13668.8	13859.9	14064.7	14199.7	14218.0	14117.4	13961.7
9°	13034.9	13141.3	13244.3	13354.2	13493.8	13668.8	13873.6	14012.1	14030.4	13930.8	13776.4
10°	12793.5	12925.1	13046.4	13175.7	13299.2	13451.4	13641.4	13786.7	13810.7	13714.6	13594.4
11°	12520.0	12668.8	12816.4	12968.6	13094.4	13204.3	13367.9	13509.8	13544.1	13467.4	13393.1
12°	12198.5	12358.7	12531.5	12728.3	12859.9	12938.8	13060.1	13190.5	13234.0	13192.8	13175.7
13°	11825.5	11993.7	12198.5	12445.7	12596.7	12626.4	12722.6	12839.3	12885.0	12883.9	12931.9
14°	11409.2	11600.1	11818.6	12115.0	12283.2	12296.9	12343.8	12449.1	12500.6	12546.3	12656.2
15°	10965.6	11184.8	11419.3	11738.5	11935.3	11928.5	11938.8	12015.4	12090.9	12177.9	12342.7
16°	10500.7	10763.4	10995.2	11312.6	11515.4	11505.1	11496.0	11540.6	11636.7	11780.9	11985.7
17°	10024.4	10341.9	10576.0	10850.6	11046.2	11050.7	11008.5	11021.7	11145.4	11334.3	11562.3
18°	9515.8	9900.8	10137.9	10362.4	10529.7	10548.7	10480.1	10467.3	10606.8	10862.5	11088.6
19°	8970.3	9410.8	9671.0	9847.1	9965.9	9997.1	9908.7	9876.4	10037.6	10333.8	10553.8
20°	8377.6	8860.5	9141.4	9290.4	9355.5	9402.4	9301.8	9258.7	9426.7	9752.7	9985.2
21°	7742.9	8240.4	8545.5	8673.4	8706.2	8778.3	8667.2	8626.9	8799.0	9140.7	9368.4
22°	7079.8	7578.5	7896.1	8007.2	8041.0	8119.4	8022.6	7987.6	8166.3	8497.0	8726.0
23°	6422.7	6898.0	7216.8	7303.2	7339.7	7444.0	7370.5	7349.9	7522.2	7839.3	8047.3
24°	5779.2	6220.4	6512.5	6614.1	6657.4	6761.4	6719.1	6709.5	6888.0	7170.0	7360.6
25°	5186.4	5559.5	5841.7	5936.9	5976.8	6112.3	6074.0	6080.7	6262.5	6516.0	6675.9
26°	4635.8	4946.0	5193.5	5298.0	5341.1	5450.0	5438.9	5464.7	5640.9	5864.2	6013.7
27°	4166.1	4423.5	4634.2	4733.3	4762.3	4850.9	4849.7	4888.4	5053.3	5251.4	5380.5
28°	3769.3	3976.4	4137.0	4222.4	4242.1	4297.8	4313.5	4361.6	4499.7	4672.8	4794.3
29°	3457.1	3634.7	3751.4	3803.8	3798.3	3822.9	3852.5	3916.7	4025.2	4158.5	4269.4
30°	3211.7	3365.0	3441.0	3453.7	3425.3	3432.4	3479.9	3553.6	3631.5	3716.3	3807.8
31°	3017.2	3161.5	3210.7	3180.5	3126.0	3125.2	3187.3	3267.5	3321.3	3356.4	3435.2
32°	2863.9	2998.2	3020.5	2957.1	2889.1	2880.9	2955.7	3040.9	3076.5	3077.7	3129.9
33°	2738.2	2866.2	2876.3	2781.1	2693.6	2690.7	2770.0	2861.0	2879.1	2850.2	2886.5
34°	2629.9	2761.5	2750.1	2636.7	2538.8	2535.0	2620.8	2714.2	2722.4	2669.2	2692.2
35°	2536.5	2671.7	2643.1	2513.3	2403.9	2404.9	2493.6	2589.1	2591.2	2520.6	2530.6
36°	2450.8	2590.7	2548.4	2403.4	2288.0	2291.3	2383.5	2483.5	2477.2	2392.4	2397.1
37°	2367.2	2511.6	2458.0	2303.8	2192.7	2197.5	2286.7	2386.0	2372.3	2279.6	2280.9
38°	2279.7	2428.4	2369.1	2213.3	2097.2	2103.8	2200.8	2298.2	2275.7	2177.0	2177.8
39°	2189.1	2342.3	2278.1	2122.9	2001.8	2009.9	2114.9	2211.2	2184.8	2080.3	2080.9
40°	2098.5	2250.9	2178.6	2032.4	1904.8	1914.7	2028.9	2120.7	2089.0	1985.1	1986.0
41°	2007.8	2155.6	2079.2	1933.5	1807.9	1819.5	1935.3	2025.4	1991.3	1890.6	1892.8
42°	1901.0	2060.0	1979.2	1827.3	1710.1	1723.1	1837.3	1925.6	1886.7	1792.8	1797.0
43°	1796.5	1954.2	1865.3	1720.7	1609.9	1626.3	1737.0	1817.6	1775.6	1695.5	1698.7
44°	1693.3	1846.7	1752.5	1609.0	1506.9	1526.8	1636.5	1708.2	1658.8	1593.9	1600.9

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1595.5	1742.5	1639.9	1500.2	1403.4	1420.0	1533.9	1601.2	1540.1	1491.4	1502.8
46°	1499.6	1642.0	1537.8	1399.0	1306.5	1316.7	1434.3	1497.8	1422.9	1385.6	1407.0
47°	1394.0	1528.4	1433.5	1308.8	1216.5	1217.3	1335.6	1403.2	1318.7	1284.6	1315.0
48°	1273.2	1411.0	1309.3	1197.3	1117.0	1111.0	1228.9	1300.6	1210.6	1189.4	1225.9
49°	1164.0	1304.2	1188.4	1070.4	991.3	983.4	1112.6	1194.7	1101.0	1089.9	1120.8
50°	1071.8	1231.8	1098.4	956.7	857.5	870.4	989.2	1084.7	1017.5	989.8	1020.4
51°	986.5	1139.6	1032.3	863.2	734.3	772.5	879.9	1005.0	934.2	889.6	902.3
52°	918.3	1045.1	955.3	760.5	624.3	670.0	796.7	925.6	850.9	789.5	783.7
53°	877.9	991.0	912.4	710.0	561.1	604.1	742.7	846.3	781.2	716.8	714.3
54°	827.2	941.1	867.0	652.5	495.4	555.8	703.6	775.6	711.7	658.3	661.2
55°	775.1	875.9	797.1	590.7	430.9	511.9	672.0	711.3	646.3	609.0	611.5
56°	701.6	802.1	721.7	532.5	377.9	475.9	638.3	658.4	590.4	570.7	566.7
57°	632.0	724.7	652.6	477.3	341.9	446.9	594.0	601.3	533.7	535.3	523.5
58°	580.7	658.1	591.1	427.8	317.4	420.1	550.4	548.3	476.0	486.4	484.1
59°	525.7	604.7	533.9	389.5	295.9	383.2	521.2	506.8	444.3	446.2	446.6
60°	468.1	546.6	477.7	360.8	276.8	345.7	477.1	464.3	400.9	420.5	412.2
61°	421.0	486.3	426.0	326.4	259.0	317.5	428.5	419.7	352.9	385.9	379.4
62°	380.5	433.4	379.2	293.5	243.1	295.4	392.3	387.0	318.1	350.6	348.2
63°	342.2	384.7	341.2	267.2	227.3	273.6	364.0	358.2	288.1	317.2	320.1
64°	313.0	343.4	307.8	245.8	213.8	253.1	331.4	329.0	262.3	289.2	293.5
65°	284.5	306.0	279.5	224.4	201.0	232.7	301.2	301.8	241.7	265.4	269.0
66°	258.2	275.1	254.5	207.3	188.3	212.2	273.6	276.0	222.8	242.8	246.8
67°	231.9	244.2	229.5	190.3	175.6	194.7	247.1	250.9	206.1	221.6	225.9
68°	205.7	213.4	204.6	173.3	163.2	179.2	220.7	226.7	189.8	201.1	204.9
69°	182.9	187.0	182.3	157.3	151.2	163.5	198.7	203.9	174.0	181.1	183.8
70°	160.2	164.1	161.8	144.4	139.5	148.4	178.0	182.2	158.6	162.2	164.0
71°	140.5	144.4	143.0	135.7	127.6	134.2	159.8	163.2	143.6	143.9	146.0
72°	122.8	126.6	126.2	129.4	115.9	121.4	143.0	150.4	129.8	128.1	130.0
73°	106.7	109.9	110.4	114.4	104.2	109.2	127.2	137.9	116.5	113.7	115.1
74°	91.7	94.8	95.4	97.2	92.5	97.3	112.2	118.9	103.9	101.1	102.3
75°	78.2	81.2	81.4	83.4	81.4	85.9	97.8	101.3	92.1	88.6	88.9
76°	66.5	69.2	69.4	70.9	70.9	75.2	84.0	87.3	80.3	76.1	75.5
77°	56.0	58.5	58.6	60.4	60.8	64.8	72.1	73.3	68.5	65.1	64.1
78°	46.6	49.0	48.7	51.1	51.0	54.9	61.1	62.3	58.1	55.2	53.6
79°	38.2	40.5	39.9	43.1	42.2	46.3	51.3	52.6	48.9	46.6	44.5
80°	30.8	32.8	32.2	35.4	34.4	38.3	42.2	43.1	39.9	38.0	36.3
81°	25.4	27.2	26.5	28.9	28.3	31.4	34.2	34.9	31.7	30.4	29.0
82°	20.0	21.6	20.9	22.4	22.1	24.6	28.0	28.1	25.2	23.8	22.0
83°	14.7	16.0	15.3	15.9	16.0	17.8	21.8	21.8	19.0	17.7	15.6
84°	11.8	13.0	12.4	11.4	12.7	13.9	15.6	15.9	14.4	13.1	10.7
85°	8.5	9.3	9.0	7.2	9.1	10.3	11.4	10.5	10.8	9.4	7.2
86°	4.4	4.7	5.0	3.8	5.3	6.4	7.1	6.7	6.9	5.7	3.7
87°	1.5	1.6	1.8	1.7	2.2	2.7	3.2	3.0	3.0	2.0	1.1
88°	0.7	0.7	0.7	0.7	0.8	0.9	1.1	0.9	0.9	0.5	0.3
89°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440317
CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	14560.2	14560.2	14560.2
1°	14597.9	14592.2	14575.0
2°	14587.6	14553.3	14521.3
3°	14528.1	14470.9	14420.6
4°	14421.7	14340.5	14279.8
5°	14286.7	14181.4	14110.5
6°	14134.5	14012.1	13928.6
7°	13967.5	13840.5	13748.9
8°	13797.0	13673.4	13588.7
9°	13636.8	13515.5	13424.0
10°	13470.9	13353.0	13248.9
11°	13295.8	13172.2	13045.2
12°	13110.4	12962.8	12801.5
13°	12883.9	12698.5	12512.0
14°	12616.1	12395.3	12183.6
15°	12295.8	12053.2	11820.9
16°	11934.2	11684.7	11442.2
17°	11537.1	11291.4	11041.8
18°	11092.8	10877.7	10625.0
19°	10612.8	10451.5	10192.9
20°	10095.2	10005.6	9736.5
21°	9531.3	9507.6	9228.3
22°	8932.9	8949.3	8661.5
23°	8270.6	8336.3	8044.3
24°	7585.1	7666.3	7389.6
25°	6898.0	6985.3	6732.7
26°	6212.9	6289.2	6068.6
27°	5559.2	5618.3	5427.3
28°	4944.4	4980.8	4828.4
29°	4391.7	4417.5	4316.6
30°	3917.9	3941.9	3893.9
31°	3534.6	3578.4	3561.7
32°	3231.6	3295.0	3302.6
33°	2992.1	3077.1	3103.7
34°	2802.8	2909.6	2946.2
35°	2647.6	2773.5	2819.0
36°	2523.2	2664.7	2713.3
37°	2415.9	2570.7	2622.1
38°	2316.2	2483.8	2537.4
39°	2219.6	2394.4	2451.3
40°	2123.9	2298.8	2358.8
41°	2026.8	2201.1	2262.5
42°	1922.9	2099.6	2158.6
43°	1823.0	1996.3	2049.2
44°	1722.8	1886.1	1934.6

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1620.4	1772.0	1810.0
46°	1517.8	1655.7	1683.7
47°	1413.7	1542.3	1561.1
48°	1313.7	1429.5	1446.5
49°	1208.2	1309.8	1325.0
50°	1085.1	1187.6	1213.2
51°	982.3	1055.3	1125.5
52°	879.7	961.9	1016.5
53°	777.2	869.6	918.1
54°	708.0	777.3	820.0
55°	651.4	720.2	752.0
56°	610.1	663.9	674.4
57°	560.2	598.2	599.7
58°	511.9	540.8	527.6
59°	468.6	492.6	477.2
60°	428.6	440.2	427.0
61°	393.6	394.0	381.8
62°	358.1	358.7	341.2
63°	323.9	325.6	307.3
64°	294.4	295.6	275.2
65°	268.3	267.3	248.0
66°	242.4	242.3	225.1
67°	217.3	221.2	204.3
68°	194.9	200.7	184.8
69°	173.8	181.1	166.7
70°	156.0	162.2	149.2
71°	139.8	145.0	133.7
72°	128.2	129.3	118.8
73°	122.6	113.8	104.8
74°	109.0	100.3	92.7
75°	91.1	86.8	80.5
76°	75.9	73.3	68.4
77°	65.4	61.6	58.1
78°	54.9	50.7	47.9
79°	44.4	40.6	37.8
80°	35.7	31.6	29.5
81°	27.3	23.8	22.4
82°	20.4	17.5	16.7
83°	14.6	12.7	11.9
84°	10.4	9.0	8.3
85°	6.3	5.4	4.8
86°	2.2	1.7	1.3
87°	0.5	0.4	0.4
88°	0.2	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440317

CATALOG NUMBER: XSF100-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440317

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)