

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: P1440320

Luminaire Tested: XSF100-SFTR-5Hx5V-840-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440320
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-840-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14108.9 lumens
Efficiency: N/A
Efficacy: 164.1 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - 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

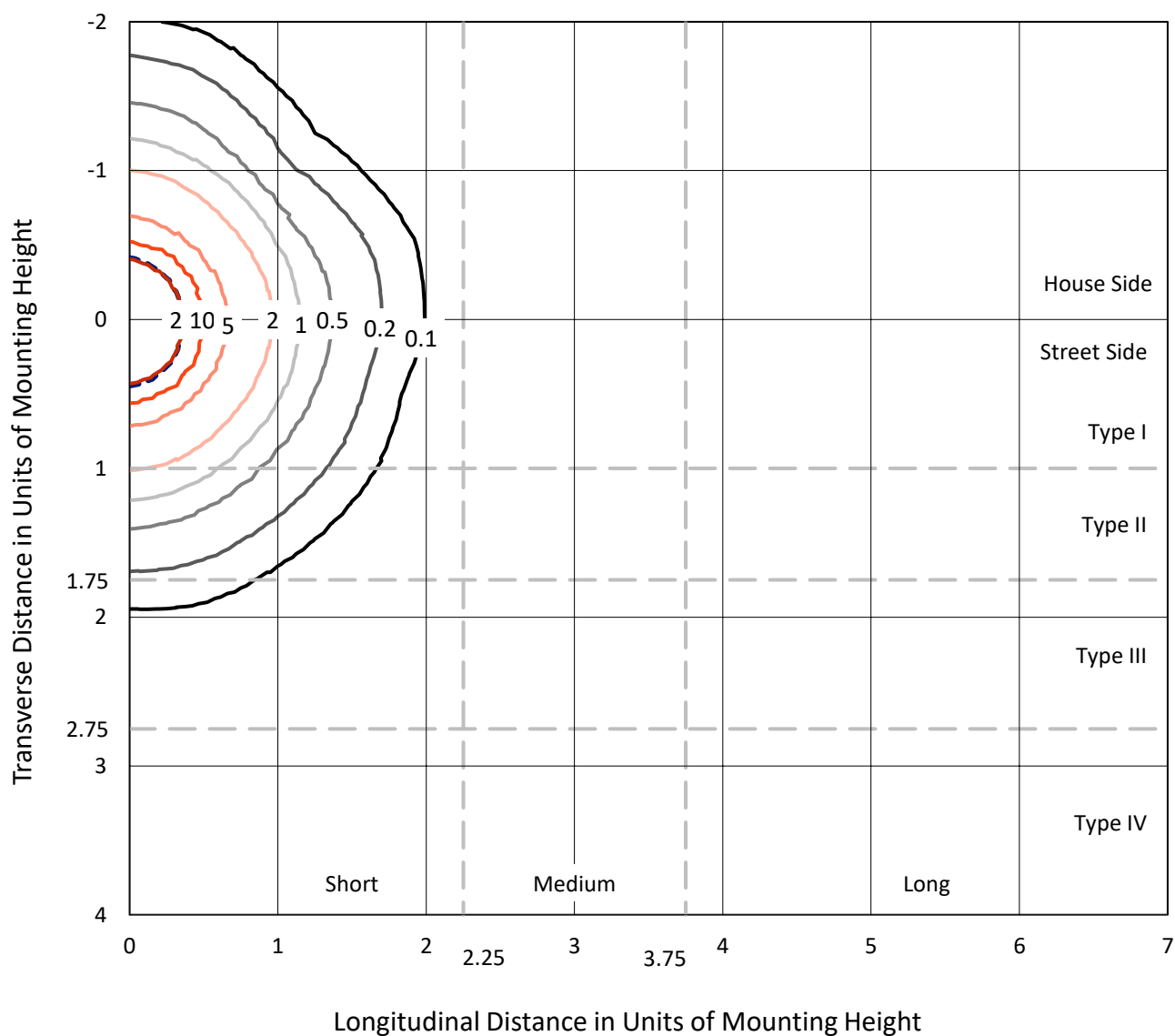
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



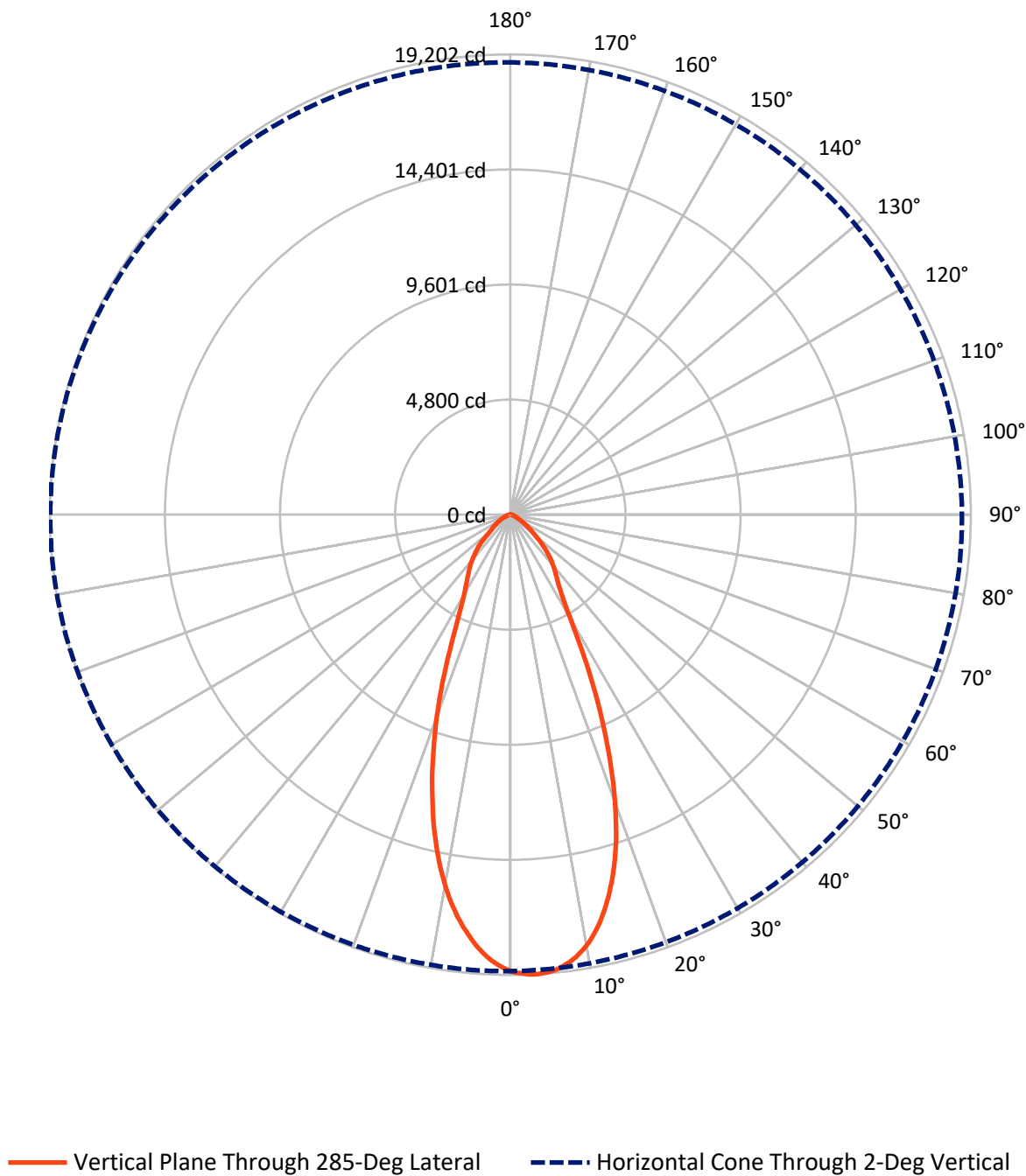
Based on 20 foot mounting height. Maximum calculated value = 47.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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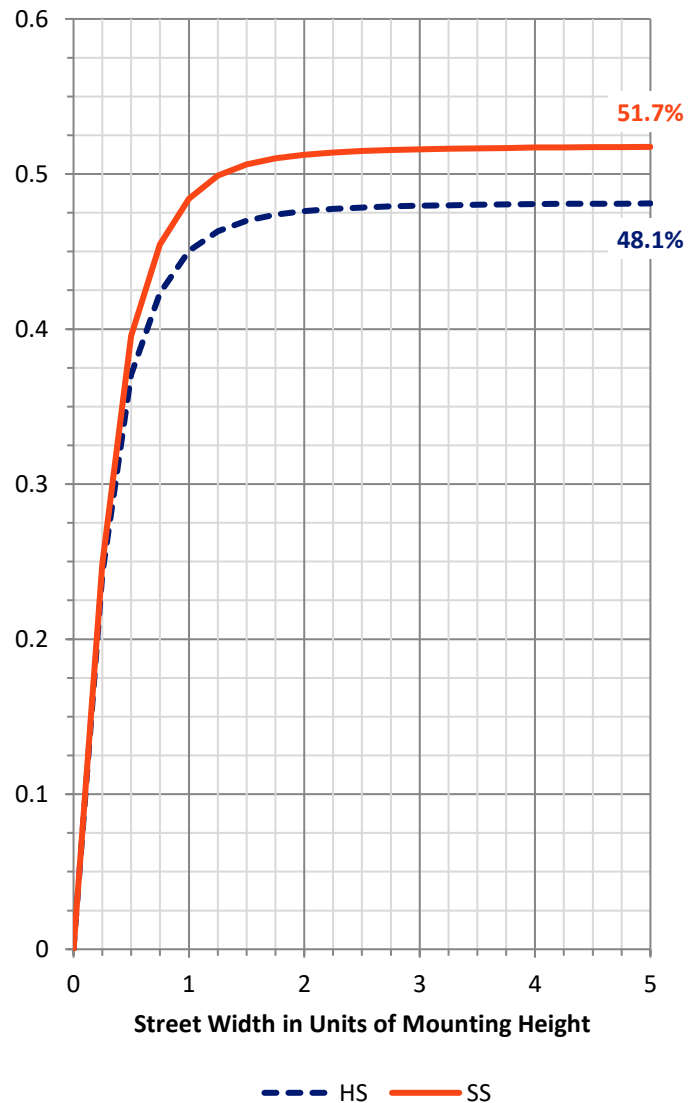
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6855.0	0.0	6855.0
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	7253.9	0.0	7253.9
	% Fixture	51.4	0.0	51.4
Total	Lumens	14108.9	0.0	14108.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1717.0	12.2
10°-20°	4058.5	28.8
20°-30°	3445.0	24.4
30°-40°	2106.7	14.9
40°-50°	1536.3	10.9
50°-60°	762.9	5.4
60°-70°	343.4	2.4
70°-80°	123.4	0.9
80°-90°	15.6	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°	14108.9	100.0
0°-180°	14108.9	100.0

Coefficient of Utilization



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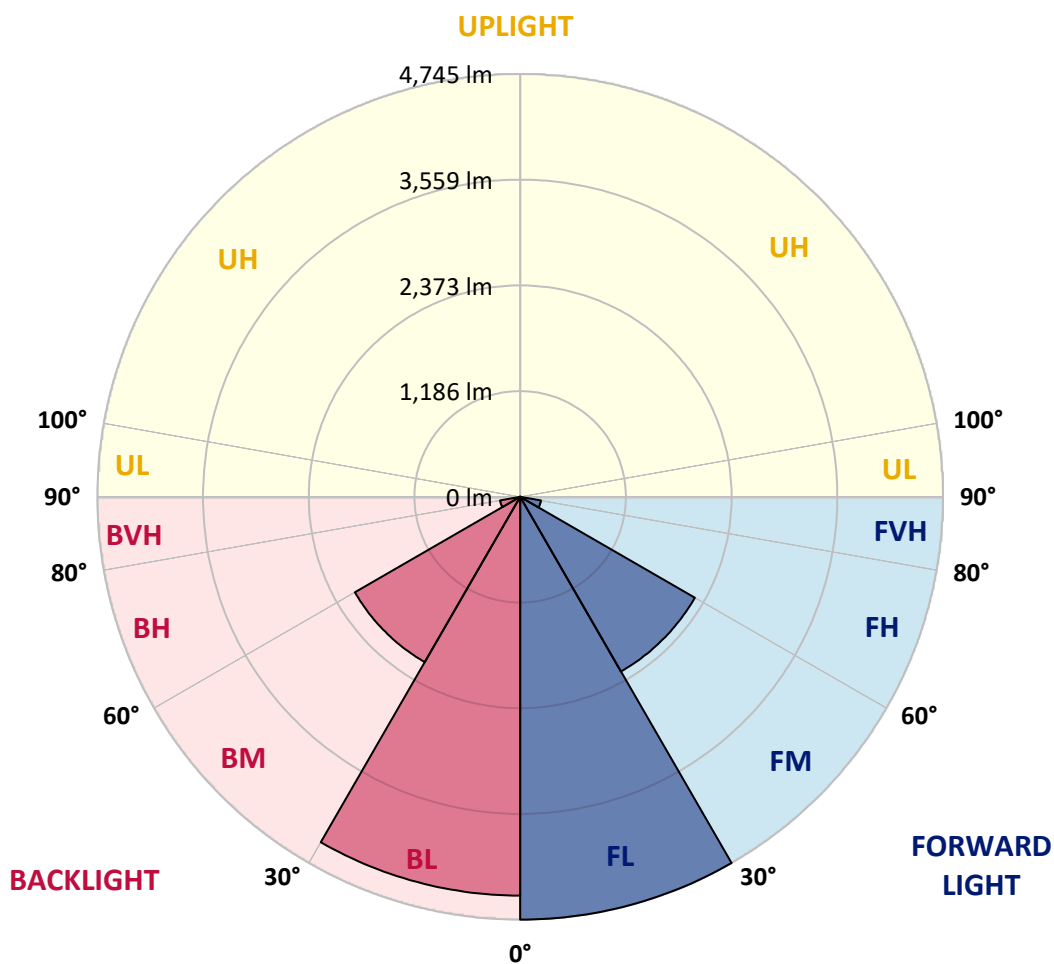
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4745.3	33.6			
FM	(30°-60°)	2264.1	16.0			
FH	(60°-80°)	237.1	1.7			G0/660
FVH	(80°-90°)	7.4	0.1			G0/10
BL	(0°-30°)	4475.3	31.7	B4/5000		
BM	(30°-60°)	2141.8	15.2	B2/2500		
BH	(60°-80°)	229.7	1.6	B1/500		G0/660
BVH	(80°-90°)	8.2	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°	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7
1°	19116.2	19087.7	19062.1	19041.1	19020.1	19003.6	18985.6	18966.1	18964.6	18969.1	18981.1
2°	19045.6	18993.1	18957.1	18928.6	18900.1	18864.1	18834.0	18804.0	18793.5	18798.0	18799.5
3°	18913.6	18850.5	18796.5	18754.5	18712.5	18670.5	18625.4	18595.4	18575.9	18574.4	18583.4
4°	18729.0	18641.9	18577.4	18535.4	18481.4	18437.8	18376.3	18338.8	18322.3	18323.8	18335.8
5°	18506.9	18422.8	18343.3	18274.3	18209.7	18158.7	18086.7	18040.2	18023.6	18038.7	18068.7
6°	18268.3	18173.7	18083.7	17990.6	17897.6	17825.6	17743.0	17689.0	17684.5	17725.0	17792.5
7°	18032.7	17924.6	17809.0	17678.5	17547.9	17454.9	17373.8	17318.3	17319.8	17385.8	17498.4
8°	17822.6	17687.5	17529.9	17349.8	17174.2	17051.2	16946.1	16902.6	16929.6	17033.2	17202.8
9°	17606.4	17448.9	17240.3	16997.2	16766.0	16605.5	16480.9	16446.4	16492.9	16644.5	16880.1
10°	17376.8	17189.2	16928.1	16628.0	16339.8	16134.2	15970.7	15948.2	16027.7	16230.3	16513.9
11°	17109.7	16902.6	16587.5	16233.3	15880.6	15613.5	15431.9	15409.4	15531.0	15775.6	16117.7
12°	16790.1	16552.9	16219.8	15799.6	15401.9	15074.7	14845.4	14837.3	14990.1	15286.3	15660.0
13°	16410.4	16156.8	15787.6	15326.9	14877.1	14484.9	14217.2	14218.4	14413.7	14748.5	15148.3
14°	15979.7	15688.5	15287.8	14815.1	14305.3	13861.9	13560.4	13566.5	13801.4	14164.1	14582.6
15°	15503.9	15191.8	14720.3	14249.3	13710.4	13208.4	12866.6	12888.6	13140.8	13534.7	13959.8
16°	15007.2	14627.1	14128.1	13641.8	13062.4	12525.9	12160.3	12175.0	12446.7	12873.5	13293.8
17°	14482.1	14040.7	13500.2	12988.6	12374.9	11811.1	11445.2	11464.2	11733.8	12160.9	12596.6
18°	13935.4	13443.9	12851.3	12300.7	11667.6	11098.1	10736.0	10733.0	11000.7	11427.4	11873.4
19°	13368.7	12822.6	12170.8	11571.8	10938.3	10371.6	10027.1	10020.3	10260.9	10648.7	11117.6
20°	12770.1	12160.2	11461.1	10832.3	10209.7	9663.9	9322.9	9310.5	9518.6	9854.8	10320.3
21°	12103.6	11436.7	10708.2	10082.9	9468.2	8952.4	8614.0	8594.6	8770.4	9054.3	9486.4
22°	11360.2	10689.6	9940.6	9323.1	8737.8	8236.1	7919.3	7888.5	8046.6	8264.6	8651.5
23°	10550.7	9877.3	9153.2	8551.1	7998.2	7529.1	7232.6	7187.5	7315.0	7493.7	7828.2
24°	9691.9	9047.1	8368.8	7793.8	7281.2	6851.4	6576.8	6526.3	6613.8	6747.7	7055.3
25°	8830.4	8241.7	7611.2	7072.9	6596.4	6222.7	5989.7	5913.0	5961.2	6063.4	6339.5
26°	7959.4	7439.4	6873.0	6380.3	5961.2	5657.4	5467.4	5382.3	5376.5	5456.0	5689.4
27°	7118.2	6685.6	6189.6	5746.1	5402.4	5176.4	5026.2	4934.7	4888.0	4928.2	5140.0
28°	6332.7	5986.1	5575.0	5192.3	4912.6	4760.4	4652.1	4552.7	4479.8	4495.7	4670.4
29°	5661.5	5389.4	5048.3	4722.3	4509.2	4409.7	4338.3	4238.8	4143.2	4136.6	4291.8
30°	5107.1	4884.5	4607.7	4326.6	4163.3	4117.4	4077.3	3974.7	3871.6	3845.7	3980.2
31°	4671.4	4491.4	4240.7	3995.7	3875.9	3874.9	3856.9	3759.3	3644.3	3606.4	3733.8
32°	4331.5	4174.0	3937.7	3728.1	3640.0	3670.0	3673.5	3570.1	3455.9	3408.1	3528.3
33°	4070.7	3925.4	3693.3	3500.3	3440.1	3495.0	3511.5	3408.1	3294.1	3235.6	3354.1
34°	3864.2	3728.4	3492.0	3306.8	3262.9	3341.2	3372.1	3265.1	3148.5	3088.9	3208.2
35°	3697.3	3563.2	3322.7	3137.0	3106.5	3198.6	3239.0	3131.0	3013.6	2952.5	3077.2
36°	3558.7	3422.4	3176.6	2983.0	2966.8	3069.4	3112.5	3006.4	2889.0	2828.7	2954.8
37°	3439.0	3295.4	3045.9	2848.5	2839.1	2945.5	2991.4	2891.4	2764.5	2704.7	2840.3
38°	3328.0	3173.4	2926.0	2726.1	2719.8	2824.4	2876.3	2776.3	2639.9	2580.8	2725.8
39°	3215.0	3052.2	2809.5	2606.8	2600.1	2701.9	2761.2	2661.1	2514.2	2452.9	2611.1
40°	3093.7	2930.8	2687.3	2484.3	2481.0	2572.5	2645.9	2537.3	2392.3	2328.1	2487.6
41°	2967.4	2805.6	2558.3	2360.8	2358.4	2441.8	2514.0	2415.9	2263.4	2205.3	2360.8
42°	2831.1	2672.9	2425.3	2236.4	2232.8	2302.3	2375.6	2284.5	2133.7	2081.0	2232.8
43°	2687.6	2532.5	2294.8	2108.1	2106.0	2158.3	2238.9	2159.2	2001.7	1953.2	2104.6
44°	2537.4	2386.3	2160.6	1983.8	1978.8	2019.1	2103.4	2033.9	1869.1	1827.9	1984.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2374.0	2238.6	2027.9	1860.3	1858.3	1888.7	1974.3	1912.7	1744.3	1708.9	1867.8
46°	2208.3	2093.8	1895.4	1740.4	1739.9	1760.5	1834.6	1779.6	1617.6	1606.2	1758.1
47°	2047.4	1950.2	1766.0	1622.3	1607.7	1620.2	1685.8	1621.7	1460.6	1490.5	1637.0
48°	1897.2	1812.3	1629.6	1488.9	1470.0	1488.9	1545.4	1463.1	1303.1	1348.8	1488.4
49°	1737.8	1659.0	1469.1	1345.7	1345.8	1359.3	1414.0	1309.1	1163.5	1207.5	1323.5
50°	1591.2	1499.3	1334.0	1205.1	1221.6	1249.2	1298.8	1175.3	1017.2	1030.5	1176.5
51°	1476.1	1326.5	1199.8	1064.4	1097.5	1139.7	1205.8	1080.7	905.0	890.5	1034.8
52°	1333.3	1206.9	1065.6	967.5	1002.6	1052.4	1123.1	1009.8	825.6	776.8	934.2
53°	1204.2	1087.4	959.9	894.4	912.3	958.9	1047.4	951.8	756.4	687.1	871.4
54°	1075.5	1005.9	886.0	845.1	829.3	865.0	961.8	905.6	698.2	600.4	803.4
55°	986.3	901.3	808.9	790.5	764.6	785.3	885.8	849.3	644.7	525.7	727.4
56°	884.5	812.8	743.9	725.7	720.2	724.6	821.2	795.8	594.2	466.0	649.6
57°	786.6	742.0	679.9	669.4	680.1	668.5	755.5	738.9	554.4	425.8	584.5
58°	692.0	673.8	622.6	616.0	624.9	604.6	691.1	697.5	514.9	396.4	526.7
59°	625.9	621.9	573.4	563.2	581.5	550.7	633.7	636.8	466.4	369.9	479.2
60°	560.0	585.3	528.7	514.9	534.9	483.9	585.4	576.1	428.7	346.0	438.7
61°	500.7	534.5	479.9	472.7	485.2	429.8	533.7	535.5	405.1	326.2	400.8
62°	447.5	478.4	435.1	433.0	441.4	398.1	487.7	497.3	375.2	306.4	368.7
63°	403.0	429.2	397.6	397.2	404.3	370.8	452.3	458.7	346.5	286.6	341.4
64°	360.9	392.9	365.1	365.7	371.7	339.4	415.1	414.6	319.3	269.5	315.8
65°	325.3	355.4	337.4	337.2	339.9	311.1	378.4	375.0	292.1	253.2	290.3
66°	295.3	322.0	309.8	309.9	310.1	285.7	343.7	339.3	268.2	236.7	266.6
67°	268.0	292.0	283.5	283.8	281.4	263.3	308.9	303.7	244.8	220.5	242.8
68°	242.3	262.6	256.8	257.3	253.4	241.5	274.2	268.2	222.0	204.9	219.6
69°	218.7	235.5	229.5	230.6	227.1	219.3	244.2	239.3	201.5	189.0	200.2
70°	195.7	209.4	204.9	205.6	202.5	198.5	220.2	215.0	182.9	173.7	192.7
71°	175.4	186.3	186.7	182.6	180.3	179.4	211.7	192.8	165.8	158.3	183.2
72°	155.8	165.4	183.0	162.1	160.1	161.4	189.1	172.0	149.7	143.3	164.7
73°	137.5	145.9	163.9	143.3	141.5	143.8	163.1	152.1	133.8	127.8	141.0
74°	121.5	128.1	138.8	126.7	125.3	127.8	139.7	133.7	118.7	113.1	121.9
75°	105.6	110.3	119.0	110.1	109.1	111.7	120.4	116.2	104.2	99.4	105.4
76°	89.7	92.5	99.3	93.5	92.9	95.7	104.1	100.3	90.4	86.2	90.0
77°	76.2	77.4	79.6	78.5	79.0	81.6	89.7	85.6	77.7	73.6	76.5
78°	62.9	62.6	66.4	65.3	66.7	68.8	77.2	72.1	65.8	61.0	64.3
79°	49.6	50.0	54.8	53.6	55.3	56.8	65.0	59.6	54.8	50.1	53.8
80°	38.6	38.9	43.6	43.2	44.3	46.0	52.9	48.5	44.6	40.6	44.0
81°	29.4	29.5	33.0	34.4	35.9	37.3	43.0	40.1	36.4	33.1	35.6
82°	21.9	22.4	25.3	25.8	27.5	29.2	34.7	31.6	28.3	25.5	27.2
83°	15.6	15.7	17.2	18.0	19.9	21.8	26.5	23.2	20.1	18.0	18.8
84°	10.9	11.0	12.1	13.0	14.6	16.0	18.3	17.0	14.9	13.1	13.0
85°	6.3	6.4	7.1	8.1	9.5	10.8	11.5	11.7	10.0	8.6	7.9
86°	1.6	1.7	2.0	3.2	4.3	6.4	6.2	6.3	5.3	4.6	4.1
87°	0.5	0.5	0.5	0.8	1.3	2.1	2.4	2.4	2.1	1.9	1.8
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	0.3	0.3	0.3	0.3	0.3

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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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-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: P1440320
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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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7	19096.7
1°	18996.1	19027.6	19041.1	19074.2	19096.7	19123.7	19144.7	19155.2	19152.2	19164.2	19168.7
2°	18825.0	18868.6	18912.1	18970.6	19039.6	19101.2	19155.2	19186.7	19201.7	19191.2	19176.2
3°	18613.4	18657.0	18726.0	18813.0	18921.1	19026.1	19131.2	19174.7	19198.7	19179.2	19132.7
4°	18371.8	18425.8	18506.9	18616.4	18769.5	18919.6	19069.6	19137.2	19170.2	19119.2	19030.6
5°	18124.2	18185.7	18269.8	18394.3	18580.4	18778.5	18967.6	19071.1	19104.2	19023.1	18895.6
6°	17876.6	17939.6	18025.1	18172.2	18371.8	18604.4	18832.5	18967.6	18988.6	18894.1	18724.5
7°	17615.5	17707.0	17801.5	17944.1	18149.7	18400.3	18658.5	18814.5	18834.0	18718.5	18532.4
8°	17364.8	17481.9	17586.9	17731.0	17927.6	18178.2	18446.9	18623.9	18647.9	18515.9	18311.8
9°	17096.2	17235.8	17370.8	17514.9	17698.0	17927.6	18196.2	18377.8	18401.8	18271.3	18068.7
10°	16779.6	16952.1	17111.2	17280.8	17442.9	17642.5	17891.6	18082.2	18113.7	17987.6	17830.1
11°	16420.9	16616.0	16809.6	17009.2	17174.2	17318.3	17532.9	17719.0	17764.0	17663.5	17565.9
12°	15999.2	16209.3	16435.9	16694.0	16866.6	16970.1	17129.2	17300.3	17357.3	17303.3	17280.8
13°	15509.9	15730.5	15999.2	16323.3	16521.4	16560.4	16686.5	16839.6	16899.6	16898.1	16961.1
14°	14964.0	15214.3	15500.9	15889.6	16110.2	16128.2	16189.8	16327.8	16395.4	16455.4	16599.5
15°	14382.2	14669.7	14977.2	15395.9	15654.0	15645.0	15658.5	15759.1	15858.1	15972.2	16188.3
16°	13772.4	14117.0	14421.0	14837.3	15103.2	15089.7	15077.7	15136.3	15262.3	15451.4	15720.0
17°	13147.7	13564.1	13871.2	14231.3	14487.8	14493.8	14438.4	14455.7	14617.9	14865.7	15164.8
18°	12480.6	12985.6	13296.5	13591.0	13810.4	13835.3	13745.4	13728.6	13911.5	14246.9	14543.5
19°	11765.2	12343.0	12684.2	12915.2	13071.0	13111.9	12995.9	12953.6	13165.1	13553.5	13842.0
20°	10987.8	11621.1	11989.6	12184.9	12270.3	12331.9	12200.0	12143.4	12363.8	12791.4	13096.3
21°	10155.4	10807.9	11208.0	11375.8	11418.8	11513.4	11367.7	11314.8	11540.5	11988.7	12287.3
22°	9285.7	9939.7	10356.3	10502.0	10546.3	10649.1	10522.1	10476.2	10710.6	11144.3	11444.8
23°	8423.8	9047.2	9465.3	9578.6	9626.5	9763.4	9666.9	9639.9	9865.9	10281.7	10554.6
24°	7579.8	8158.5	8541.6	8674.9	8731.6	8868.1	8812.5	8799.9	9034.0	9404.0	9654.0
25°	6802.3	7291.7	7661.8	7786.6	7839.0	8016.7	7966.4	7975.3	8213.7	8546.2	8756.0
26°	6080.2	6487.0	6811.6	6948.6	7005.2	7148.1	7133.5	7167.3	7398.4	7691.3	7887.3
27°	5464.1	5801.8	6078.1	6208.0	6246.1	6362.3	6360.7	6411.5	6627.8	6887.6	7056.8
28°	4943.7	5215.3	5426.0	5538.0	5563.8	5636.9	5657.4	5720.6	5901.7	6128.6	6288.0
29°	4534.3	4767.2	4920.3	4989.0	4981.8	5014.1	5052.8	5137.0	5279.4	5454.2	5599.6
30°	4212.4	4413.5	4513.1	4529.8	4492.6	4501.9	4564.1	4660.8	4763.0	4874.2	4994.2
31°	3957.2	4146.5	4211.0	4171.4	4100.0	4098.9	4180.4	4285.6	4356.1	4402.2	4505.5
32°	3756.2	3932.3	3961.6	3878.5	3789.3	3778.5	3876.7	3988.3	4035.0	4036.6	4105.1
33°	3591.4	3759.2	3772.5	3647.7	3532.8	3529.1	3633.1	3752.4	3776.1	3738.3	3785.9
34°	3449.3	3621.8	3607.0	3458.3	3329.8	3324.8	3437.4	3559.9	3570.7	3500.9	3531.0
35°	3326.8	3504.2	3466.7	3296.3	3152.9	3154.2	3270.5	3395.8	3398.5	3305.9	3319.0
36°	3214.4	3397.9	3342.4	3152.3	3000.8	3005.2	3126.1	3257.3	3249.1	3137.9	3144.0
37°	3104.7	3294.1	3223.8	3021.5	2875.8	2882.1	2999.2	3129.5	3111.4	2989.9	2991.5
38°	2990.0	3185.0	3107.2	2902.8	2750.7	2759.2	2886.5	3014.2	2984.8	2855.3	2856.3
39°	2871.2	3072.1	2987.9	2784.3	2625.5	2636.2	2773.8	2900.1	2865.5	2728.5	2729.2
40°	2752.3	2952.2	2857.4	2665.6	2498.2	2511.3	2661.1	2781.4	2739.9	2603.6	2604.8
41°	2633.3	2827.2	2727.0	2535.9	2371.1	2386.4	2538.3	2656.4	2611.7	2479.6	2482.5
42°	2493.3	2701.9	2595.8	2396.6	2243.0	2259.9	2409.7	2525.6	2474.5	2351.3	2356.9
43°	2356.3	2563.1	2446.5	2256.8	2111.5	2133.0	2278.2	2383.9	2328.8	2223.8	2228.0
44°	2220.9	2422.0	2298.5	2110.3	1976.4	2002.6	2146.3	2240.4	2175.6	2090.5	2099.7

REPORT NUMBER: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2092.6	2285.4	2150.8	1967.6	1840.6	1862.4	2011.9	2100.1	2020.0	1956.0	1971.0
46°	1966.8	2153.5	2017.0	1834.9	1713.5	1726.9	1881.2	1964.4	1866.3	1817.4	1845.4
47°	1828.3	2004.7	1880.1	1716.5	1595.6	1596.6	1751.8	1840.3	1729.6	1684.9	1724.8
48°	1669.9	1850.7	1717.3	1570.4	1465.0	1457.1	1611.8	1705.9	1587.8	1560.0	1607.9
49°	1526.7	1710.5	1558.6	1404.0	1300.2	1289.7	1459.2	1566.9	1444.0	1429.5	1470.0
50°	1405.7	1615.5	1440.7	1254.8	1124.7	1141.6	1297.4	1422.6	1334.5	1298.1	1338.3
51°	1293.9	1494.7	1353.9	1132.1	963.1	1013.2	1154.0	1318.1	1225.3	1166.8	1183.4
52°	1204.5	1370.7	1252.9	997.5	818.8	878.7	1044.9	1214.1	1116.0	1035.4	1027.9
53°	1151.5	1299.8	1196.6	931.2	735.9	792.4	974.1	1110.0	1024.6	940.2	936.9
54°	1084.9	1234.3	1137.2	855.8	649.7	728.9	922.8	1017.3	933.5	863.5	867.2
55°	1016.5	1148.8	1045.5	774.8	565.2	671.5	881.4	932.9	847.7	798.7	802.0
56°	920.2	1052.0	946.6	698.4	495.6	624.2	837.2	863.6	774.4	748.5	743.3
57°	828.9	950.5	856.0	626.0	448.5	586.1	779.0	788.7	700.0	702.1	686.6
58°	761.7	863.2	775.3	561.1	416.3	550.9	721.9	719.1	624.3	638.0	634.9
59°	689.5	793.1	700.3	510.9	388.1	502.5	683.6	664.7	582.7	585.3	585.7
60°	613.9	716.9	626.5	473.2	363.0	453.5	625.7	609.0	525.9	551.5	540.6
61°	552.2	637.8	558.7	428.0	339.6	416.4	562.0	550.5	462.8	506.1	497.6
62°	499.0	568.4	497.3	385.0	318.9	387.4	514.5	507.6	417.2	459.9	456.7
63°	448.8	504.6	447.5	350.4	298.2	358.8	477.4	469.8	377.9	416.0	419.8
64°	410.6	450.4	403.7	322.4	280.4	332.0	434.7	431.5	344.0	379.2	384.9
65°	373.2	401.3	366.6	294.4	263.6	305.1	395.0	395.8	317.1	348.2	352.8
66°	338.7	360.8	333.8	271.8	247.0	278.4	358.9	362.0	292.3	318.5	323.7
67°	304.2	320.3	301.1	249.6	230.4	255.4	324.1	329.1	270.3	290.7	296.3
68°	269.8	279.9	268.3	227.4	214.0	235.0	289.4	297.4	249.0	263.8	268.8
69°	239.9	245.3	239.1	206.3	198.4	214.5	260.6	267.4	228.2	237.6	241.0
70°	210.1	215.3	212.2	189.4	183.0	194.6	233.5	239.0	208.0	212.8	215.1
71°	184.2	189.4	187.6	177.9	167.4	176.0	209.6	214.0	188.3	188.8	191.5
72°	161.0	166.1	165.5	169.7	152.1	159.2	187.5	197.2	170.2	168.1	170.5
73°	140.0	144.2	144.8	150.0	136.6	143.2	166.8	180.9	152.9	149.1	150.9
74°	120.2	124.3	125.1	127.5	121.3	127.6	147.1	155.9	136.3	132.6	134.2
75°	102.5	106.5	106.8	109.3	106.7	112.7	128.3	132.9	120.8	116.2	116.6
76°	87.2	90.7	91.0	93.0	93.0	98.6	110.2	114.5	105.3	99.9	99.1
77°	73.5	76.8	76.8	79.2	79.8	85.0	94.5	96.1	89.8	85.4	84.1
78°	61.1	64.3	63.9	67.0	66.8	71.9	80.2	81.7	76.2	72.4	70.3
79°	50.1	53.1	52.4	56.5	55.3	60.8	67.3	69.0	64.1	61.1	58.3
80°	40.3	43.0	42.2	46.4	45.2	50.2	55.3	56.5	52.3	49.8	47.6
81°	33.3	35.6	34.8	37.9	37.1	41.2	44.8	45.7	41.6	39.9	38.0
82°	26.3	28.3	27.4	29.4	29.0	32.3	36.7	36.8	33.0	31.3	28.8
83°	19.3	21.0	20.1	20.8	20.9	23.4	28.5	28.6	24.9	23.2	20.5
84°	15.5	17.0	16.3	15.0	16.6	18.2	20.4	20.8	18.9	17.2	14.0
85°	11.1	12.1	11.8	9.4	12.0	13.5	14.9	13.8	14.2	12.3	9.4
86°	5.7	6.2	6.5	5.0	6.9	8.5	9.3	8.8	9.1	7.5	4.9
87°	2.0	2.0	2.3	2.2	2.9	3.5	4.2	3.9	4.0	2.7	1.5
88°	0.9	0.9	1.0	1.0	1.0	1.2	1.4	1.1	1.1	0.7	0.4
89°	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-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: P1440320
CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	19096.7	19096.7	19096.7
1°	19146.2	19138.7	19116.2
2°	19132.7	19087.7	19045.6
3°	19054.6	18979.6	18913.6
4°	18915.1	18808.5	18729.0
5°	18738.0	18599.9	18506.9
6°	18538.4	18377.8	18268.3
7°	18319.3	18152.7	18032.7
8°	18095.7	17933.6	17822.6
9°	17885.6	17726.5	17606.4
10°	17668.0	17513.4	17376.8
11°	17438.4	17276.3	17109.7
12°	17195.2	17001.7	16790.1
13°	16898.1	16655.0	16410.4
14°	16546.9	16257.3	15979.7
15°	16126.7	15808.6	15503.9
16°	15652.5	15325.4	15007.2
17°	15131.8	14809.4	14482.1
18°	14549.0	14266.9	13935.4
19°	13919.5	13707.9	13368.7
20°	13240.6	13123.0	12770.1
21°	12501.0	12469.9	12103.6
22°	11716.1	11737.6	11360.2
23°	10847.5	10933.6	10550.7
24°	9948.4	10054.8	9691.9
25°	9047.2	9161.7	8830.4
26°	8148.6	8248.7	7959.4
27°	7291.2	7368.8	7118.2
28°	6484.9	6532.6	6332.7
29°	5760.1	5793.8	5661.5
30°	5138.6	5170.1	5107.1
31°	4635.9	4693.4	4671.4
32°	4238.5	4321.6	4331.5
33°	3924.4	4035.9	4070.7
34°	3676.0	3816.2	3864.2
35°	3472.5	3637.6	3697.3
36°	3309.4	3494.9	3558.7
37°	3168.6	3371.7	3439.0
38°	3037.9	3257.6	3328.0
39°	2911.1	3140.4	3215.0
40°	2785.6	3015.1	3093.7
41°	2658.2	2886.9	2967.4
42°	2522.0	2753.8	2831.1
43°	2390.9	2618.3	2687.6
44°	2259.6	2473.8	2537.4

REPORT NUMBER: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2125.3	2324.2	2374.0
46°	1990.7	2171.5	2208.3
47°	1854.1	2022.8	2047.4
48°	1723.0	1874.8	1897.2
49°	1584.6	1717.9	1737.8
50°	1423.2	1557.6	1591.2
51°	1288.4	1384.0	1476.1
52°	1153.8	1261.6	1333.3
53°	1019.3	1140.5	1204.2
54°	928.6	1019.4	1075.5
55°	854.4	944.6	986.3
56°	800.2	870.7	884.5
57°	734.7	784.6	786.6
58°	671.4	709.3	692.0
59°	614.5	646.1	625.9
60°	562.1	577.4	560.0
61°	516.2	516.7	500.7
62°	469.7	470.5	447.5
63°	424.8	427.1	403.0
64°	386.1	387.7	360.9
65°	351.9	350.6	325.3
66°	318.0	317.8	295.3
67°	284.9	290.1	268.0
68°	255.6	263.2	242.3
69°	228.0	237.5	218.7
70°	204.6	212.7	195.7
71°	183.4	190.1	175.4
72°	168.2	169.5	155.8
73°	160.9	149.2	137.5
74°	142.9	131.5	121.5
75°	119.4	113.8	105.6
76°	99.5	96.1	89.7
77°	85.7	80.8	76.2
78°	72.0	66.4	62.9
79°	58.3	53.3	49.6
80°	46.8	41.5	38.6
81°	35.8	31.2	29.4
82°	26.8	22.9	21.9
83°	19.1	16.7	15.6
84°	13.6	11.9	10.9
85°	8.2	7.0	6.3
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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-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: P1440320

CATALOG NUMBER: XSF100-SFTR-5Hx5V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)