

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: P1440337

Luminaire Tested: XSF100-SFTR-6Hx6V-850-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440337
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-850-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10619.6 lumens
Efficiency: N/A
Efficacy: 160.9 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

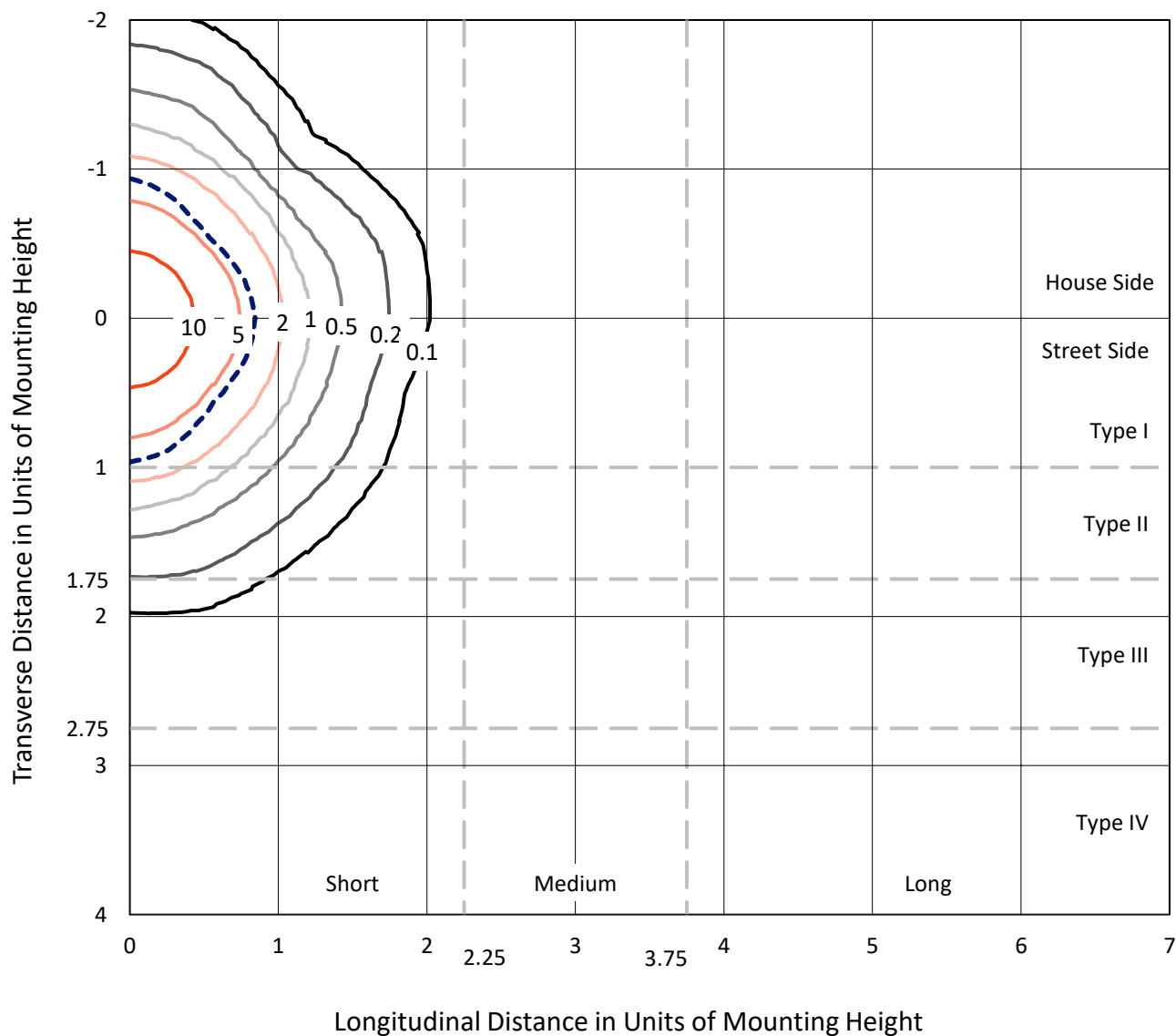
Input Watts (W): 66
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



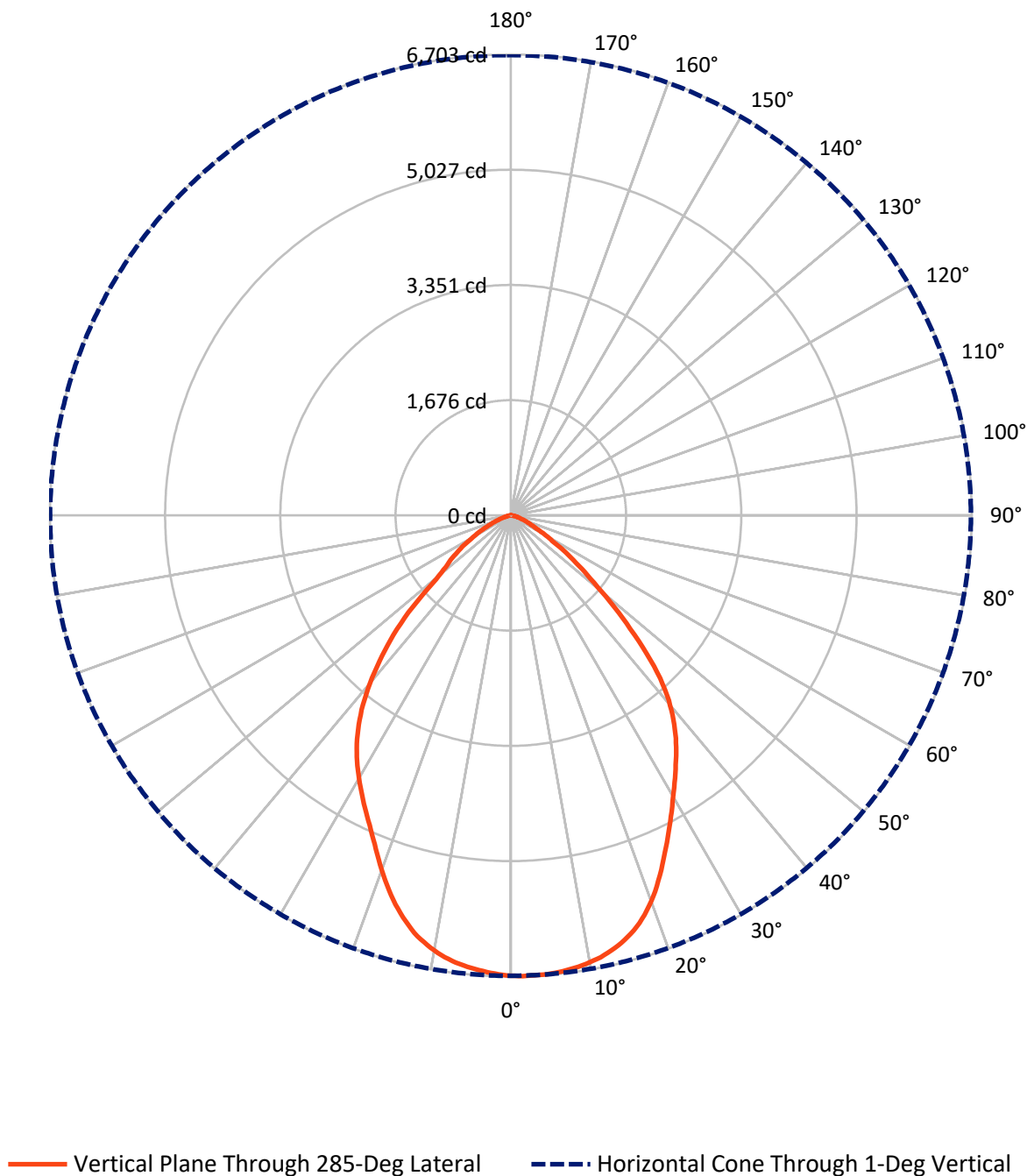
Based on 20 foot mounting height. Maximum calculated value = 16.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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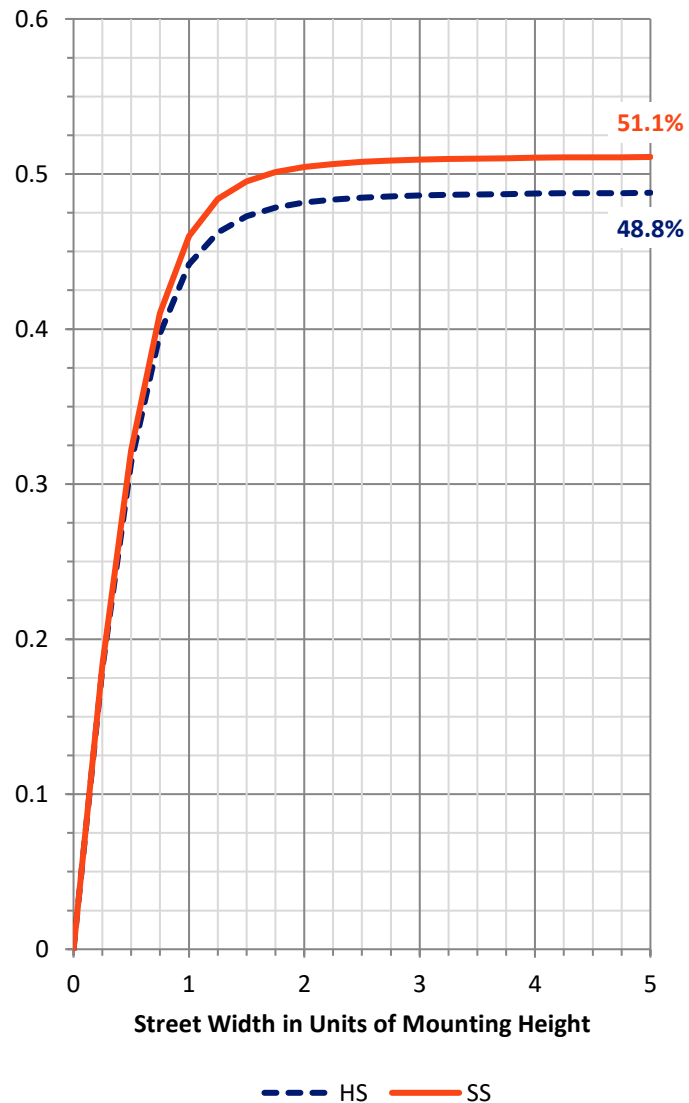
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5213.8	0.0	5213.8
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	5405.8	0.0	5405.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	10619.6	0.0	10619.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	631.1	5.9
10°-20°	1750.2	16.5
20°-30°	2365.9	22.3
30°-40°	2518.7	23.7
40°-50°	1962.1	18.5
50°-60°	903.2	8.5
60°-70°	362.3	3.4
70°-80°	112.6	1.1
80°-90°	13.4	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°	10619.6	100.0
0°-180°	10619.6	100.0

Coefficient of Utilization



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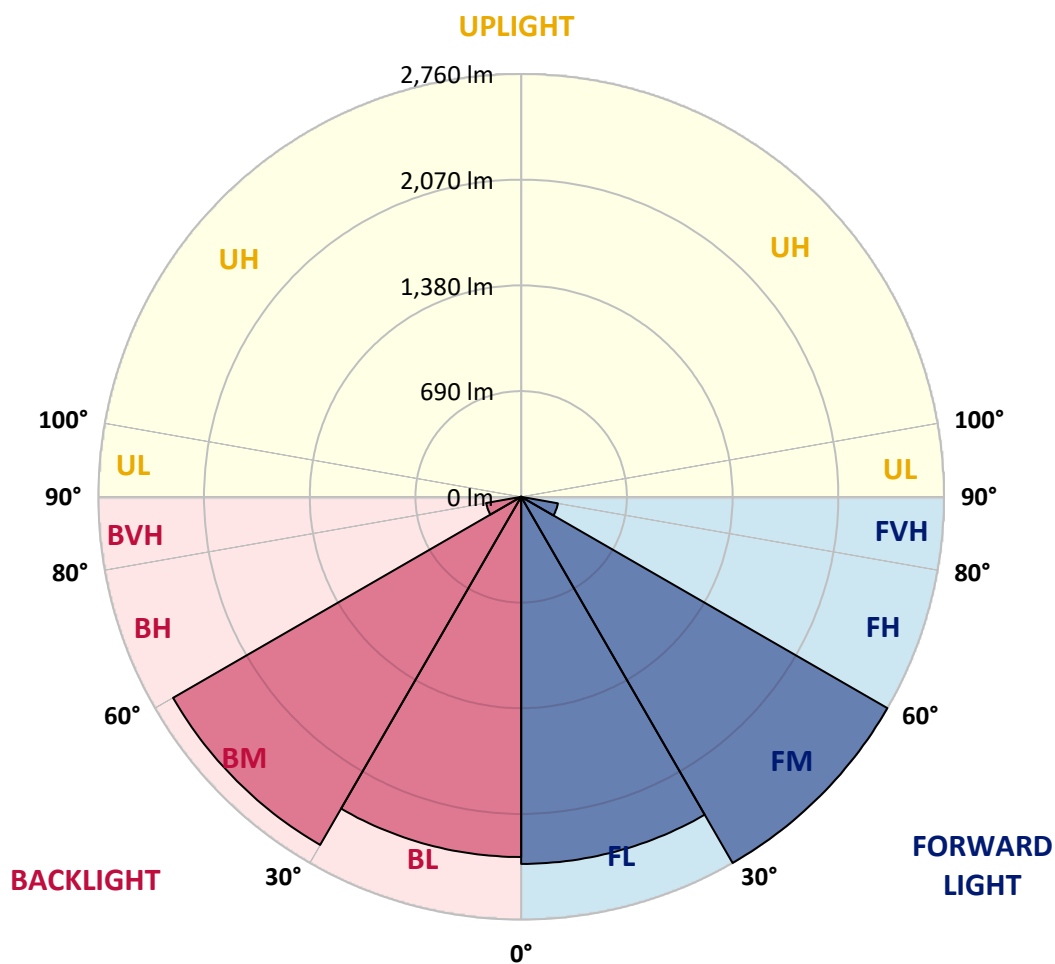
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2396.2	22.6			
FM	(30°-60°)	2760.0	26.0			
FH	(60°-80°)	243.0	2.3			G0/660
FVH	(80°-90°)	6.4	0.1			G0/10
BL	(0°-30°)	2351.0	22.1	B3/2500		
BM	(30°-60°)	2624.0	24.7	B3/5000		
BH	(60°-80°)	231.9	2.2	B1/500		G0/660
BVH	(80°-90°)	6.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8
1°	6695.2	6694.8	6694.0	6693.3	6689.4	6689.7	6690.7	6689.6	6691.5	6690.9	6692.7
2°	6693.7	6690.6	6686.7	6686.1	6684.4	6679.9	6678.7	6675.0	6677.7	6681.4	6683.3
3°	6689.4	6684.8	6679.8	6674.9	6669.7	6666.1	6659.8	6661.1	6663.1	6667.4	6670.7
4°	6679.6	6672.8	6665.8	6659.9	6652.8	6646.4	6642.5	6639.0	6643.3	6648.0	6651.1
5°	6666.8	6656.8	6650.2	6638.5	6629.8	6623.8	6618.2	6616.9	6618.4	6622.4	6629.5
6°	6649.6	6638.7	6624.6	6614.7	6604.9	6598.4	6593.9	6593.8	6592.3	6595.5	6606.5
7°	6627.3	6616.3	6602.8	6588.6	6577.4	6569.7	6568.9	6566.7	6566.5	6569.8	6580.5
8°	6609.4	6593.6	6576.3	6561.8	6546.5	6537.4	6536.1	6534.4	6536.7	6541.9	6552.7
9°	6586.3	6566.3	6547.8	6531.6	6512.2	6502.1	6495.4	6495.2	6497.5	6504.6	6520.7
10°	6558.4	6537.0	6514.8	6494.0	6473.3	6459.4	6448.7	6449.6	6456.2	6463.7	6477.8
11°	6526.0	6499.7	6473.6	6449.7	6429.3	6411.7	6397.5	6395.9	6404.0	6417.2	6432.9
12°	6484.9	6456.8	6428.8	6399.9	6378.0	6355.2	6339.0	6334.1	6345.8	6361.2	6381.0
13°	6439.0	6409.3	6378.4	6345.5	6316.0	6291.2	6270.7	6270.6	6280.2	6298.3	6319.3
14°	6388.3	6353.4	6318.6	6283.5	6250.0	6218.6	6191.4	6189.7	6202.4	6226.0	6246.1
15°	6328.3	6289.7	6251.6	6214.5	6174.2	6135.1	6102.9	6098.7	6115.4	6144.7	6164.2
16°	6256.9	6213.4	6172.0	6135.5	6087.3	6044.4	6006.6	6003.3	6020.2	6050.0	6071.8
17°	6174.6	6132.2	6083.7	6045.5	5989.1	5942.3	5902.4	5900.4	5916.3	5945.4	5971.7
18°	6086.3	6039.0	5990.0	5942.2	5880.7	5835.1	5789.4	5788.3	5805.3	5833.0	5862.0
19°	5989.3	5937.4	5889.8	5833.0	5768.5	5719.8	5673.8	5671.0	5685.0	5713.7	5747.5
20°	5888.0	5835.5	5779.1	5711.4	5647.3	5597.6	5555.9	5548.4	5558.6	5584.6	5626.9
21°	5784.6	5726.6	5667.6	5586.4	5518.7	5473.9	5437.7	5424.5	5422.0	5450.4	5492.2
22°	5677.0	5610.3	5540.1	5451.8	5382.2	5349.0	5316.2	5296.7	5287.1	5313.9	5358.1
23°	5561.2	5486.5	5405.9	5310.7	5244.2	5226.2	5202.4	5175.1	5149.0	5165.7	5216.2
24°	5445.4	5367.5	5272.0	5169.6	5108.6	5109.4	5098.6	5060.9	5017.5	5019.5	5086.1
25°	5337.5	5257.6	5144.3	5031.5	4976.7	4999.8	5004.1	4951.1	4886.7	4875.9	4958.4
26°	5239.5	5153.5	5019.0	4894.3	4846.5	4895.2	4912.0	4849.6	4762.5	4743.5	4832.6
27°	5147.0	5054.0	4898.4	4759.0	4723.7	4794.4	4820.8	4751.7	4644.2	4609.0	4708.6
28°	5057.0	4954.5	4776.9	4628.2	4606.2	4695.8	4731.7	4656.1	4525.8	4479.8	4590.5
29°	4976.0	4858.4	4663.6	4502.4	4488.4	4599.1	4644.2	4559.8	4411.7	4352.6	4472.6
30°	4900.9	4767.1	4549.0	4376.9	4370.2	4503.4	4558.3	4464.7	4300.1	4228.5	4357.2
31°	4822.4	4675.6	4436.0	4255.3	4258.0	4407.4	4468.1	4367.4	4195.5	4112.7	4246.6
32°	4746.4	4588.5	4325.1	4139.7	4147.2	4312.7	4374.4	4269.0	4092.8	3997.2	4139.4
33°	4675.8	4506.2	4215.6	4023.4	4039.3	4210.4	4277.3	4167.1	3988.7	3885.3	4033.7
34°	4605.5	4425.9	4111.3	3908.5	3926.9	4107.6	4173.8	4059.4	3882.1	3772.2	3927.6
35°	4533.2	4346.0	4005.8	3789.4	3810.3	3995.9	4063.6	3943.3	3765.4	3656.6	3818.2
36°	4460.2	4262.4	3900.8	3664.7	3696.1	3878.7	3941.1	3822.5	3636.8	3532.9	3702.2
37°	4381.4	4170.3	3791.7	3542.5	3578.4	3758.6	3812.9	3696.5	3501.0	3394.5	3576.4
38°	4292.8	4062.1	3681.6	3425.8	3457.3	3626.7	3678.6	3562.3	3354.7	3245.9	3438.3
39°	4185.5	3940.0	3561.3	3300.3	3327.4	3487.2	3536.0	3416.3	3205.1	3094.0	3296.1
40°	4052.9	3807.9	3422.8	3164.3	3187.2	3331.1	3385.2	3263.0	3052.0	2941.2	3140.9
41°	3910.5	3662.5	3268.0	3017.9	3038.5	3165.8	3215.5	3108.4	2891.7	2785.1	2978.2
42°	3742.0	3500.4	3102.5	2862.6	2877.8	2983.3	3032.4	2936.8	2719.5	2622.6	2807.6
43°	3555.6	3324.1	2932.2	2699.2	2715.3	2791.3	2847.7	2770.1	2544.8	2451.7	2636.6
44°	3360.7	3129.4	2759.7	2533.3	2547.6	2603.4	2667.0	2599.1	2377.5	2301.4	2476.8

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3140.6	2930.1	2581.1	2366.7	2383.9	2427.2	2491.6	2438.8	2210.3	2151.0	2328.4
46°	2915.7	2730.3	2402.6	2206.4	2225.1	2253.6	2301.2	2244.8	2041.9	2000.6	2180.0
47°	2695.6	2537.0	2226.1	2049.4	2046.3	2056.5	2110.9	2050.2	1822.2	1843.6	2030.0
48°	2486.1	2347.3	2040.0	1866.7	1855.9	1872.5	1920.6	1832.6	1605.7	1648.8	1828.8
49°	2265.1	2138.3	1820.5	1665.7	1668.4	1694.8	1740.1	1613.4	1412.1	1453.3	1605.6
50°	2058.6	1916.9	1598.8	1449.7	1492.7	1520.4	1587.2	1429.5	1206.2	1206.6	1406.0
51°	1900.4	1685.8	1414.5	1270.8	1341.1	1390.5	1467.2	1305.1	1053.7	1013.1	1213.6
52°	1716.7	1472.3	1269.9	1141.1	1208.3	1274.2	1359.5	1212.1	946.1	860.2	1083.6
53°	1467.8	1339.2	1131.5	1066.9	1088.0	1151.3	1262.4	1139.5	854.7	741.7	1007.5
54°	1336.4	1238.1	1041.1	993.2	1003.7	1048.2	1149.8	1084.2	779.7	627.9	924.2
55°	1219.4	1098.8	951.5	919.5	919.5	945.1	1053.4	1012.6	711.1	532.0	825.8
56°	1077.4	995.6	861.9	835.8	835.3	842.1	969.4	941.8	647.5	453.7	722.9
57°	947.6	893.5	779.8	766.0	786.3	770.3	882.9	870.2	599.2	407.7	640.0
58°	818.1	791.5	708.6	700.3	715.2	685.5	799.0	819.8	551.0	376.1	566.3
59°	727.0	726.2	648.3	635.6	659.6	614.9	723.9	739.6	488.8	349.4	508.5
60°	641.1	682.9	593.5	576.2	601.6	527.0	663.6	659.8	443.6	324.8	458.7
61°	561.3	618.4	532.4	524.3	539.9	453.3	595.8	608.6	418.1	303.5	413.8
62°	493.0	544.3	477.7	475.5	482.9	414.9	536.0	560.4	383.1	284.3	374.9
63°	437.7	478.9	428.7	430.2	436.1	382.3	489.4	510.4	348.3	266.5	341.3
64°	383.3	431.9	388.5	391.7	396.5	344.1	439.8	453.8	316.4	249.2	311.4
65°	339.1	385.6	354.1	357.7	358.2	309.8	392.8	402.9	287.5	231.9	282.4
66°	303.1	343.6	319.8	325.4	323.2	280.5	347.4	355.5	262.0	215.0	257.2
67°	271.5	306.1	287.8	294.2	289.7	254.5	304.6	311.5	236.4	198.5	232.0
68°	243.2	270.5	257.7	262.5	257.4	230.2	270.2	277.4	210.9	183.1	206.8
69°	216.6	237.1	228.3	231.4	227.6	206.5	235.7	243.3	191.3	168.1	185.1
70°	192.2	207.1	199.7	203.4	201.4	184.7	201.5	209.6	173.8	154.0	166.2
71°	170.3	181.5	174.7	177.6	178.0	165.2	177.9	186.4	157.6	140.5	147.6
72°	149.9	158.9	152.1	156.5	156.8	147.5	156.9	164.8	141.7	126.9	130.5
73°	130.2	137.6	131.6	137.5	138.1	130.8	137.7	144.2	126.5	113.6	114.6
74°	113.1	118.8	113.2	120.5	120.4	115.3	119.6	125.6	112.0	100.8	100.2
75°	98.1	102.5	97.6	105.0	105.4	101.1	103.1	107.6	98.0	88.4	85.9
76°	83.2	86.3	82.0	89.3	89.9	86.8	87.7	91.2	84.6	77.0	72.2
77°	68.3	70.0	66.4	73.6	74.4	72.5	74.5	77.6	72.7	66.0	60.6
78°	55.3	55.7	54.6	60.6	62.8	61.5	63.2	65.3	61.4	54.9	50.5
79°	42.6	44.0	44.6	49.9	51.9	50.9	52.3	54.0	51.2	45.3	41.9
80°	32.3	33.9	35.2	40.6	41.5	41.4	41.7	44.2	41.9	37.3	34.4
81°	24.2	25.5	26.7	32.6	34.1	34.1	34.0	35.9	33.3	30.3	27.9
82°	18.0	20.0	21.0	24.9	26.5	27.3	27.5	28.8	26.5	23.3	21.4
83°	12.8	13.9	14.2	17.2	18.6	20.1	21.0	21.7	19.8	16.3	14.9
84°	8.3	9.7	10.0	10.4	12.4	13.8	14.5	14.6	13.0	11.1	10.1
85°	3.7	5.5	5.8	6.4	8.0	9.8	9.3	9.4	8.5	7.0	6.4
86°	1.2	1.3	1.7	2.6	3.6	5.8	5.2	5.2	4.5	3.7	3.5
87°	0.4	0.4	0.5	0.7	1.2	1.9	1.9	2.1	1.9	1.5	1.5
88°	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.6	0.7
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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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: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440337
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

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: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8	6696.8
1°	6694.0	6694.7	6696.7	6697.8	6697.5	6699.4	6697.5	6700.1	6702.9	6699.0	6699.0
2°	6688.5	6688.7	6690.8	6693.1	6696.0	6697.0	6697.9	6700.2	6698.3	6698.3	6697.6
3°	6675.6	6678.2	6682.5	6688.7	6692.9	6692.4	6697.5	6700.9	6695.5	6696.4	6695.2
4°	6656.8	6661.9	6667.1	6676.1	6682.0	6685.6	6690.2	6691.9	6693.2	6690.6	6693.2
5°	6635.9	6644.9	6654.5	6661.3	6669.2	6675.3	6681.6	6688.2	6685.6	6685.9	6687.9
6°	6615.5	6624.1	6634.3	6642.5	6654.0	6660.3	6666.6	6670.4	6671.5	6675.9	6677.7
7°	6591.9	6604.5	6616.2	6623.5	6633.3	6639.8	6646.3	6652.1	6654.7	6657.2	6659.8
8°	6566.1	6579.7	6591.4	6601.3	6612.8	6618.7	6624.2	6631.8	6635.7	6639.2	6636.6
9°	6532.5	6548.3	6562.9	6573.5	6586.3	6593.3	6598.6	6606.9	6613.2	6614.3	6611.5
10°	6493.7	6510.1	6526.3	6539.8	6555.8	6563.1	6571.5	6581.4	6584.4	6588.7	6588.4
11°	6448.2	6463.0	6479.1	6499.2	6519.1	6531.4	6540.4	6551.0	6557.3	6558.5	6561.4
12°	6396.9	6409.7	6431.4	6451.8	6471.0	6491.7	6503.6	6510.2	6516.1	6523.3	6527.0
13°	6333.3	6351.4	6373.4	6400.1	6420.8	6444.1	6452.7	6462.9	6471.3	6480.6	6486.3
14°	6261.2	6283.8	6306.2	6338.1	6364.7	6382.7	6397.3	6409.1	6421.0	6434.5	6442.4
15°	6179.8	6203.5	6229.9	6267.6	6301.1	6320.5	6330.8	6346.8	6360.6	6378.7	6389.5
16°	6091.3	6114.5	6145.3	6185.7	6224.2	6242.7	6256.9	6274.3	6294.7	6317.0	6326.6
17°	5993.0	6018.9	6052.8	6096.6	6136.7	6153.5	6172.1	6190.9	6216.0	6243.1	6259.2
18°	5887.4	5919.1	5956.8	6000.1	6036.6	6055.9	6071.9	6095.6	6125.3	6163.1	6179.9
19°	5776.9	5813.5	5853.6	5896.3	5927.2	5945.7	5961.5	5989.2	6024.3	6067.4	6088.4
20°	5656.8	5694.9	5739.7	5783.8	5806.4	5823.3	5841.9	5872.7	5914.4	5961.4	5989.8
21°	5529.2	5569.7	5614.2	5661.8	5680.8	5691.2	5709.5	5750.4	5794.4	5843.8	5879.2
22°	5409.0	5459.3	5498.3	5530.4	5542.0	5546.6	5575.8	5618.7	5662.8	5716.8	5759.3
23°	5291.6	5358.8	5394.6	5404.2	5397.5	5396.2	5432.6	5485.7	5532.2	5580.4	5628.1
24°	5182.8	5265.8	5297.9	5284.3	5245.8	5240.3	5288.5	5353.6	5400.0	5438.2	5484.9
25°	5088.7	5183.6	5205.1	5163.0	5095.6	5087.0	5143.2	5217.7	5270.9	5294.0	5339.9
26°	4994.5	5104.1	5118.9	5043.7	4946.4	4939.7	5004.5	5094.0	5143.5	5152.4	5196.3
27°	4901.0	5030.0	5032.1	4927.8	4802.2	4794.4	4875.5	4972.0	5019.2	5013.2	5048.8
28°	4806.9	4957.1	4947.3	4812.4	4667.4	4656.6	4752.5	4862.7	4900.0	4875.9	4899.0
29°	4717.5	4883.7	4862.2	4697.8	4535.0	4521.6	4632.1	4753.2	4780.0	4743.8	4757.0
30°	4633.6	4810.1	4778.4	4580.6	4403.1	4392.0	4519.7	4645.2	4667.3	4613.0	4612.9
31°	4548.2	4736.3	4695.2	4465.5	4275.1	4267.0	4409.7	4543.2	4559.9	4484.3	4475.5
32°	4465.0	4663.0	4615.2	4351.6	4151.2	4148.4	4301.7	4442.0	4453.8	4356.1	4340.9
33°	4380.6	4591.0	4531.1	4240.8	4032.1	4037.6	4194.7	4345.4	4346.5	4228.7	4212.7
34°	4293.8	4522.0	4443.1	4133.0	3914.8	3928.3	4091.0	4247.3	4245.5	4103.7	4083.9
35°	4203.2	4452.4	4353.0	4022.3	3798.4	3817.1	3982.8	4145.7	4142.0	3977.9	3956.5
36°	4107.8	4373.9	4255.5	3904.4	3680.3	3705.3	3871.8	4043.1	4033.8	3853.9	3831.2
37°	4001.9	4279.3	4148.1	3786.9	3558.9	3587.9	3762.5	3938.7	3920.0	3730.9	3707.5
38°	3878.8	4166.8	4029.0	3659.1	3431.9	3463.5	3650.4	3828.2	3799.3	3603.5	3584.4
39°	3739.8	4039.2	3893.6	3519.8	3298.8	3329.9	3530.3	3711.6	3673.3	3471.8	3455.1
40°	3583.9	3892.6	3740.3	3368.7	3152.9	3187.2	3396.6	3579.3	3537.3	3336.7	3324.7
41°	3416.4	3731.3	3565.8	3207.6	2999.7	3037.5	3250.2	3427.3	3383.3	3191.2	3184.9
42°	3235.0	3552.6	3372.8	3029.7	2839.3	2880.4	3091.8	3260.5	3213.3	3038.2	3033.3
43°	3048.6	3360.4	3171.6	2840.1	2670.4	2718.3	2921.4	3076.8	3024.8	2877.4	2867.0
44°	2870.6	3173.7	2972.6	2647.6	2489.9	2546.2	2747.9	2886.0	2820.6	2703.7	2697.8

REPORT NUMBER: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2692.6	2988.2	2772.9	2458.3	2324.0	2369.7	2567.0	2694.4	2610.6	2523.1	2526.8
46°	2525.7	2811.8	2589.7	2285.4	2158.1	2193.4	2393.7	2507.1	2395.5	2336.8	2357.6
47°	2330.4	2603.6	2385.3	2112.6	1992.2	2016.9	2220.2	2337.4	2208.5	2156.3	2194.5
48°	2134.9	2431.3	2180.8	1938.1	1814.5	1824.8	2046.2	2149.6	2014.1	1988.4	2036.3
49°	1939.6	2259.1	1977.3	1705.2	1580.7	1591.0	1830.2	1960.0	1814.7	1808.5	1844.5
50°	1773.4	2086.9	1814.8	1505.5	1334.6	1382.8	1603.7	1758.8	1630.7	1618.8	1627.2
51°	1622.1	1919.6	1701.1	1341.6	1112.9	1205.7	1405.2	1576.1	1481.4	1427.2	1407.0
52°	1505.9	1750.4	1565.1	1166.5	913.9	1019.3	1254.0	1436.2	1354.1	1258.3	1224.9
53°	1441.4	1659.5	1498.0	1085.0	804.8	901.2	1160.9	1337.9	1234.2	1125.3	1100.7
54°	1355.6	1571.7	1423.1	991.9	692.5	818.6	1097.6	1218.9	1115.0	1041.2	1018.9
55°	1265.2	1457.4	1298.5	887.4	582.0	745.7	1049.4	1110.8	1012.3	957.2	938.1
56°	1133.6	1326.2	1164.3	789.5	492.8	686.0	994.9	1021.0	909.9	873.2	857.3
57°	1009.7	1185.3	1044.0	696.4	436.2	640.4	921.3	931.4	807.6	815.6	784.9
58°	921.6	1067.5	936.7	614.4	401.4	598.8	850.3	841.9	704.6	733.0	722.6
59°	826.4	973.0	839.3	552.2	371.2	538.0	805.6	772.3	653.6	663.1	664.0
60°	724.0	869.0	740.9	509.0	345.4	476.7	729.8	702.1	581.9	623.1	609.5
61°	642.1	762.5	652.7	452.3	322.3	431.5	646.9	625.3	498.2	565.9	556.9
62°	571.3	668.7	569.3	398.2	301.4	399.0	585.4	570.3	440.9	507.9	508.3
63°	504.1	583.8	503.1	354.7	282.3	365.2	538.4	523.2	391.8	451.0	463.6
64°	455.5	512.6	446.5	319.1	264.3	334.6	483.2	471.4	349.8	405.8	419.7
65°	407.9	448.3	398.5	287.9	246.3	304.4	431.1	422.0	317.2	368.7	379.4
66°	362.5	395.2	353.5	262.6	228.3	278.5	384.2	375.8	288.2	334.1	343.8
67°	321.3	345.1	315.1	237.4	211.4	252.6	340.1	333.2	263.0	301.1	310.5
68°	283.6	299.2	280.1	212.3	194.4	226.8	300.5	293.2	238.8	269.6	277.1
69°	246.0	259.7	245.1	190.8	179.3	206.4	268.6	256.9	215.7	239.7	244.0
70°	208.4	220.6	210.2	170.9	164.7	186.6	236.7	223.8	194.0	211.8	213.1
71°	179.0	191.3	182.6	151.8	150.6	168.2	204.8	195.8	172.9	185.6	186.0
72°	153.2	164.5	158.4	135.0	136.4	151.5	181.1	172.0	154.7	163.3	162.9
73°	131.1	139.6	136.5	119.3	122.3	136.2	160.0	150.3	137.7	143.6	143.1
74°	110.4	117.7	116.3	104.7	108.8	121.2	139.7	131.0	122.0	126.0	125.2
75°	92.6	98.7	97.5	90.7	95.6	106.6	120.6	113.2	106.3	109.5	108.6
76°	77.5	82.2	81.6	76.8	83.5	92.8	101.9	98.4	92.5	95.4	93.8
77°	64.6	68.4	68.2	64.6	71.8	79.3	86.0	83.5	78.7	81.3	78.9
78°	53.2	56.7	56.5	54.3	60.4	66.9	72.5	68.7	66.4	67.3	64.1
79°	43.4	46.0	46.1	45.4	50.3	56.5	60.9	57.9	56.4	56.6	53.4
80°	34.9	36.9	37.1	37.2	41.5	47.0	50.3	46.5	46.4	46.2	43.9
81°	28.5	30.2	30.3	30.5	33.7	37.9	41.0	37.1	37.0	36.9	35.3
82°	22.0	23.5	23.4	23.8	27.1	30.5	32.6	30.0	29.8	29.2	27.0
83°	15.6	16.9	16.5	17.1	20.5	23.0	25.6	23.3	22.5	21.6	19.2
84°	10.6	11.5	11.4	11.9	13.9	15.7	18.6	17.1	16.1	14.9	12.2
85°	6.6	7.2	7.2	7.5	9.0	10.7	11.6	11.5	10.6	10.7	7.9
86°	3.3	3.7	3.9	4.2	4.9	6.5	7.0	7.5	7.0	6.4	3.5
87°	1.5	1.5	1.7	1.9	2.2	3.2	3.7	3.6	3.6	2.2	1.1
88°	0.7	0.8	0.8	0.8	0.9	1.1	1.1	0.9	1.0	0.6	0.3
89°	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440337
CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6696.8	6696.8	6696.8
1°	6697.9	6697.1	6695.2
2°	6696.8	6696.3	6693.7
3°	6696.7	6694.0	6689.4
4°	6692.2	6687.6	6679.6
5°	6682.0	6676.4	6666.8
6°	6669.6	6661.7	6649.6
7°	6650.1	6641.3	6627.3
8°	6629.1	6621.9	6609.4
9°	6609.9	6598.9	6586.3
10°	6584.4	6578.9	6558.4
11°	6556.1	6546.0	6526.0
12°	6521.8	6508.0	6484.9
13°	6481.6	6466.3	6439.0
14°	6433.7	6417.6	6388.3
15°	6382.2	6363.2	6328.3
16°	6319.5	6296.2	6256.9
17°	6248.7	6221.0	6174.6
18°	6171.3	6134.5	6086.3
19°	6083.6	6043.2	5989.3
20°	5984.6	5943.0	5888.0
21°	5878.7	5841.5	5784.6
22°	5764.1	5731.1	5677.0
23°	5637.9	5614.3	5561.2
24°	5506.1	5494.0	5445.4
25°	5375.7	5369.9	5337.5
26°	5241.3	5258.8	5239.5
27°	5111.2	5156.4	5147.0
28°	4981.1	5055.7	5057.0
29°	4860.3	4958.5	4976.0
30°	4734.4	4862.7	4900.9
31°	4612.4	4768.8	4822.4
32°	4498.6	4680.8	4746.4
33°	4384.7	4594.5	4675.8
34°	4272.1	4510.8	4605.5
35°	4154.5	4428.2	4533.2
36°	4045.1	4350.8	4460.2
37°	3938.3	4266.9	4381.4
38°	3819.1	4175.4	4292.8
39°	3687.9	4063.9	4185.5
40°	3546.4	3927.1	4052.9
41°	3394.4	3776.6	3910.5
42°	3225.4	3615.6	3742.0
43°	3056.3	3442.5	3555.6
44°	2883.5	3258.1	3360.7

REPORT NUMBER: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2703.0	3054.0	3140.6
46°	2521.4	2846.4	2915.7
47°	2338.1	2641.8	2695.6
48°	2157.5	2441.1	2486.1
49°	1970.0	2224.6	2265.1
50°	1749.6	2001.8	2058.6
51°	1517.6	1752.0	1900.4
52°	1315.0	1572.0	1716.7
53°	1195.7	1390.8	1467.8
54°	1080.3	1243.1	1336.4
55°	1002.5	1143.2	1219.4
56°	925.2	1040.9	1077.4
57°	847.9	938.5	947.6
58°	770.6	836.2	818.1
59°	700.0	756.9	727.0
60°	633.3	668.7	641.1
61°	577.0	590.4	561.3
62°	521.1	531.3	493.0
63°	465.2	476.0	437.7
64°	416.0	424.7	383.3
65°	372.7	378.5	339.1
66°	327.7	337.5	303.1
67°	285.3	303.0	271.5
68°	250.8	270.2	243.2
69°	220.4	240.0	216.6
70°	195.3	211.3	192.2
71°	171.6	186.4	170.3
72°	151.0	164.2	149.9
73°	132.2	142.1	130.2
74°	114.3	122.1	113.1
75°	99.2	105.7	98.1
76°	84.2	89.4	83.2
77°	69.1	73.2	68.3
78°	57.3	59.3	55.3
79°	47.5	46.7	42.6
80°	38.0	36.2	32.3
81°	28.9	27.1	24.2
82°	21.7	19.8	18.0
83°	15.5	14.5	12.8
84°	11.0	10.2	8.3
85°	6.6	5.8	3.7
86°	2.2	1.5	1.2
87°	0.6	0.5	0.4
88°	0.2	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-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: P1440337

CATALOG NUMBER: XSF100-SFTR-6Hx6V-850-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)