

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: P1440330

Luminaire Tested: XSF100-SFTR-6Hx6V-830-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440330
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-830-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7104.9 lumens
Efficiency: N/A
Efficacy: 157.9 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): 45
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

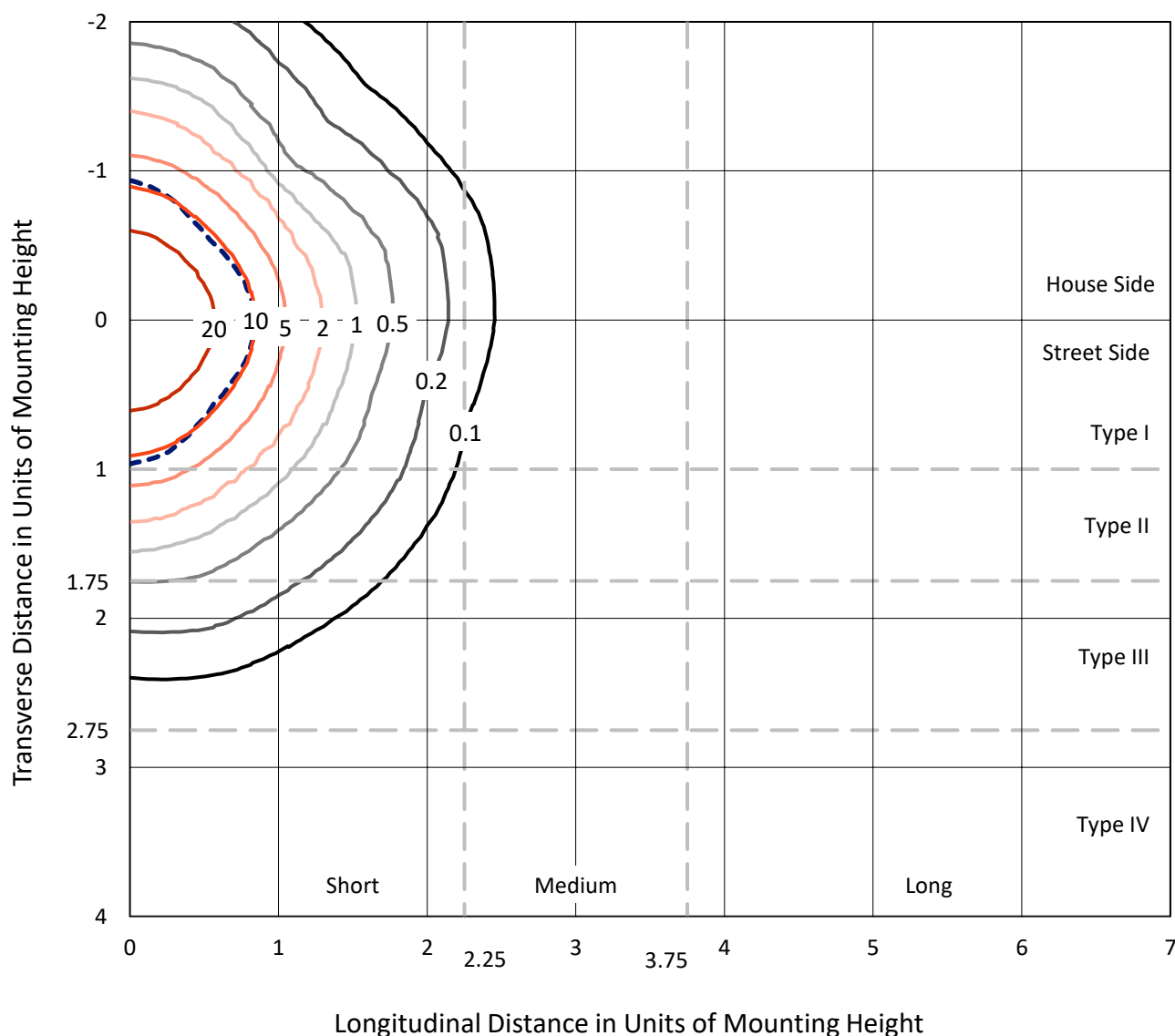
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



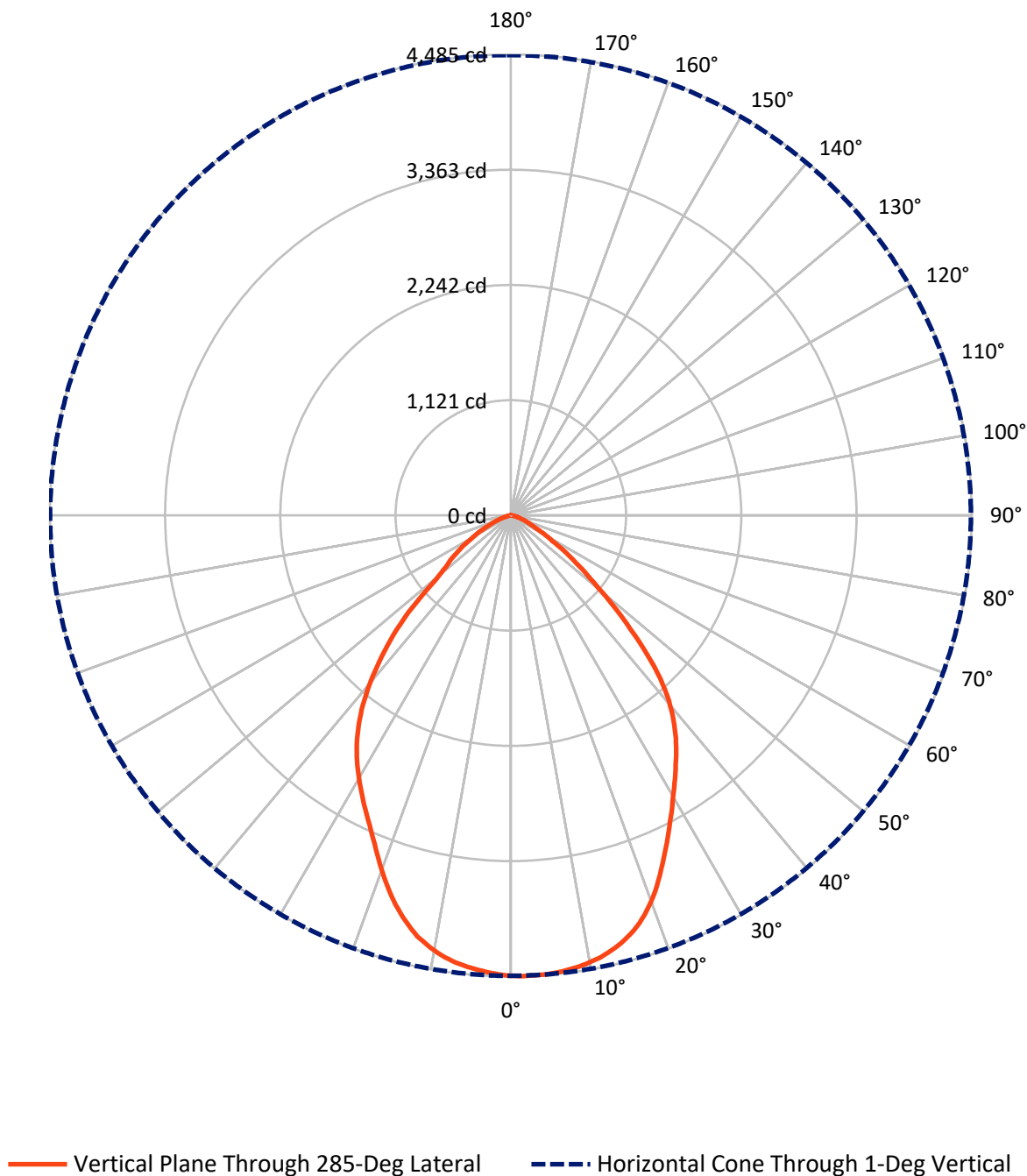
Based on 10 foot mounting height. Maximum calculated value = 44.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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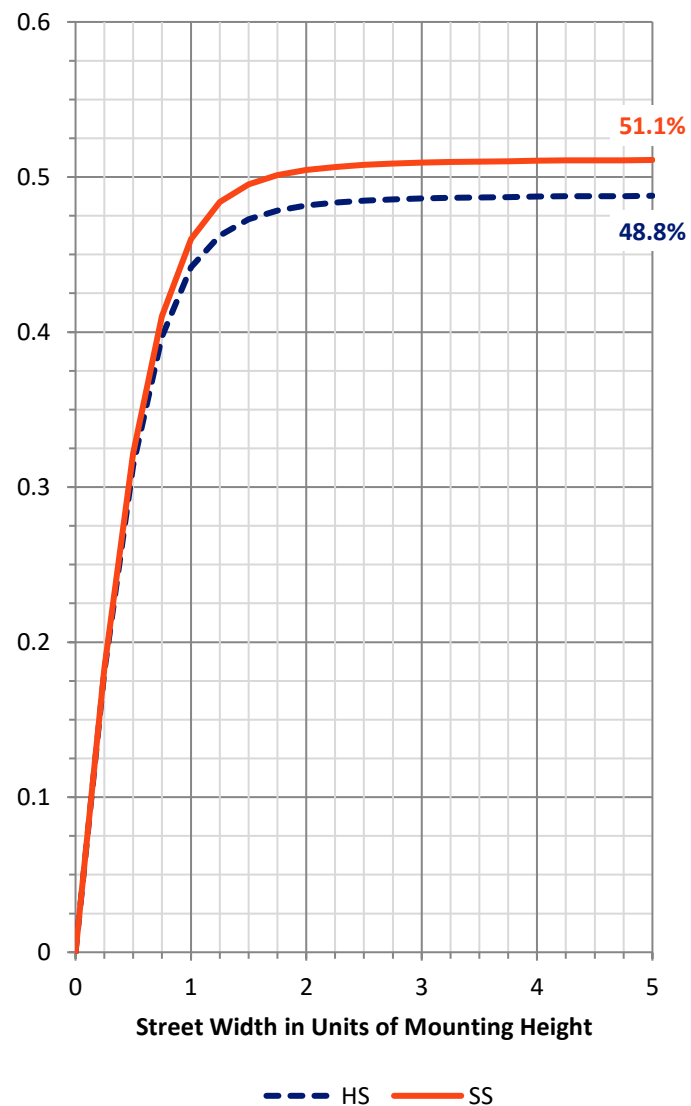
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3488.2	0.0	3488.2
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	3616.6	0.0	3616.6
	% Fixture	50.9	0.0	50.9
Total	Lumens	7104.9	0.0	7104.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	422.2	5.9
10°-20°	1171.0	16.5
20°-30°	1582.9	22.3
30°-40°	1685.1	23.7
40°-50°	1312.7	18.5
50°-60°	604.3	8.5
60°-70°	242.4	3.4
70°-80°	75.3	1.1
80°-90°	9.0	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°	7104.9	100.0
0°-180°	7104.9	100.0

Coefficient of Utilization



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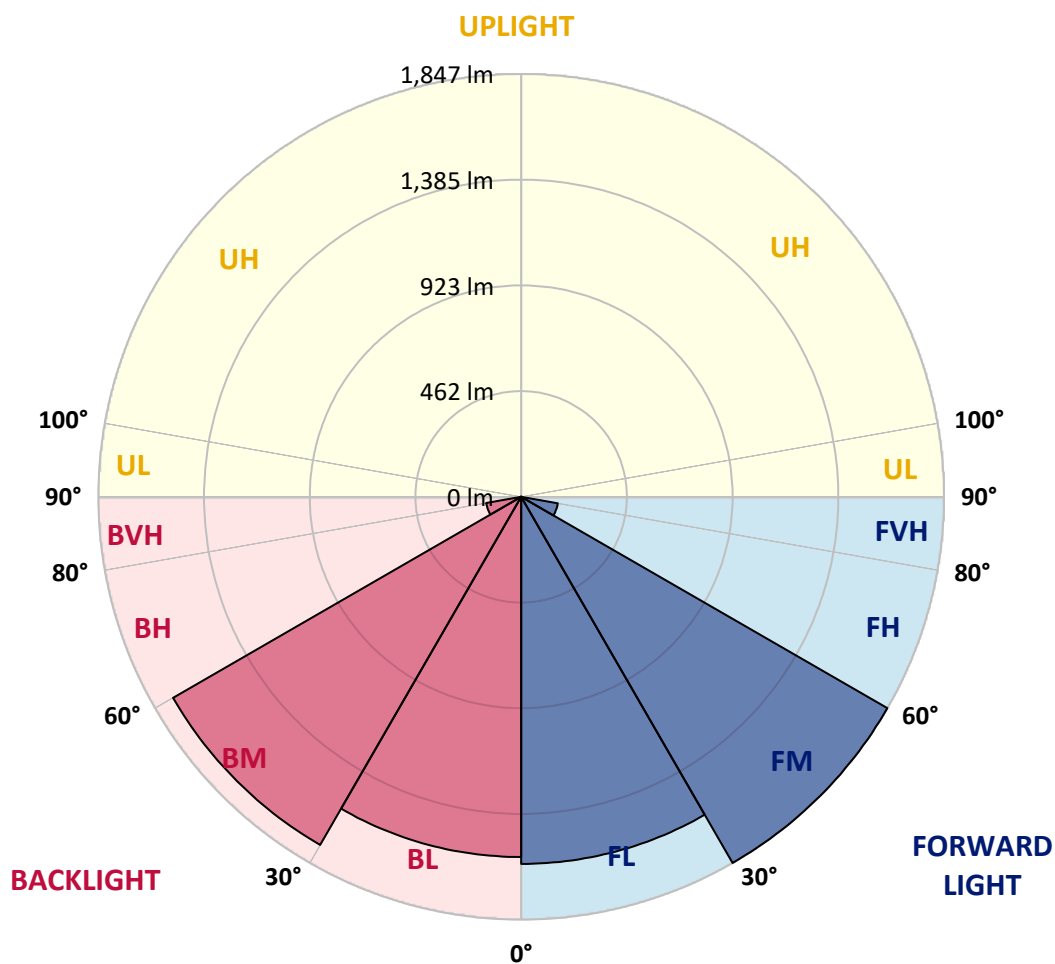
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1603.2	22.6			
FM	(30°-60°)	1846.6	26.0			
FH	(60°-80°)	162.6	2.3			G0/660
FVH	(80°-90°)	4.3	0.1			G0/10
BL	(0°-30°)	1572.9	22.1	B3/2500		
BM	(30°-60°)	1755.5	24.7	B2/2500		
BH	(60°-80°)	155.2	2.2	B1/500		G0/660
BVH	(80°-90°)	4.6	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°	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4
1°	4479.3	4479.1	4478.5	4478.1	4475.4	4475.7	4476.3	4475.6	4476.8	4476.5	4477.7
2°	4478.3	4476.2	4473.7	4473.2	4472.1	4469.1	4468.3	4465.8	4467.7	4470.1	4471.4
3°	4475.4	4472.4	4469.0	4465.7	4462.3	4459.9	4455.6	4456.5	4457.9	4460.7	4462.9
4°	4468.9	4464.3	4459.6	4455.7	4451.0	4446.7	4444.0	4441.7	4444.6	4447.7	4449.8
5°	4460.3	4453.6	4449.2	4441.4	4435.6	4431.5	4427.8	4426.9	4427.9	4430.6	4435.4
6°	4448.8	4441.5	4432.1	4425.4	4418.9	4414.6	4411.6	4411.5	4410.5	4412.6	4420.0
7°	4433.9	4426.5	4417.5	4408.0	4400.5	4395.4	4394.8	4393.3	4393.2	4395.4	4402.6
8°	4421.9	4411.3	4399.8	4390.1	4379.8	4373.8	4372.9	4371.7	4373.3	4376.8	4384.0
9°	4406.5	4393.1	4380.7	4369.9	4356.9	4350.1	4345.7	4345.5	4347.1	4351.8	4362.6
10°	4387.8	4373.5	4358.6	4344.7	4330.9	4321.6	4314.4	4315.0	4319.4	4324.4	4333.9
11°	4366.1	4348.5	4331.1	4315.1	4301.5	4289.6	4280.2	4279.1	4284.5	4293.4	4303.8
12°	4338.6	4319.8	4301.1	4281.8	4267.1	4251.8	4241.0	4237.7	4245.6	4255.9	4269.1
13°	4307.9	4288.0	4267.3	4245.4	4225.6	4209.0	4195.4	4195.3	4201.7	4213.8	4227.8
14°	4274.0	4250.7	4227.4	4203.9	4181.5	4160.5	4142.3	4141.1	4149.6	4165.4	4178.8
15°	4233.9	4208.0	4182.5	4157.7	4130.8	4104.6	4083.1	4080.2	4091.4	4111.0	4124.1
16°	4186.1	4157.0	4129.3	4104.8	4072.6	4043.9	4018.7	4016.4	4027.8	4047.7	4062.3
17°	4131.0	4102.7	4070.2	4044.7	4006.9	3975.6	3948.9	3947.6	3958.2	3977.7	3995.3
18°	4072.0	4040.3	4007.5	3975.5	3934.4	3903.9	3873.3	3872.6	3883.9	3902.5	3921.9
19°	4007.1	3972.4	3940.5	3902.5	3859.3	3826.8	3796.0	3794.1	3803.5	3822.7	3845.3
20°	3939.3	3904.2	3866.4	3821.1	3778.2	3745.0	3717.1	3712.1	3718.9	3736.3	3764.6
21°	3870.1	3831.3	3791.8	3737.5	3692.2	3662.3	3638.0	3629.2	3627.5	3646.5	3674.4
22°	3798.1	3753.5	3706.5	3647.4	3600.9	3578.7	3556.7	3543.7	3537.3	3555.2	3584.8
23°	3720.7	3670.7	3616.7	3553.1	3508.6	3496.5	3480.6	3462.3	3444.9	3456.0	3489.8
24°	3643.2	3591.0	3527.1	3458.6	3417.8	3418.4	3411.2	3385.9	3356.9	3358.2	3402.8
25°	3571.0	3517.5	3441.7	3366.3	3329.6	3345.1	3347.9	3312.5	3269.4	3262.2	3317.4
26°	3505.4	3447.9	3357.9	3274.4	3242.5	3275.1	3286.3	3244.6	3186.3	3173.6	3233.2
27°	3443.5	3381.3	3277.2	3183.9	3160.3	3207.6	3225.3	3179.1	3107.2	3083.6	3150.2
28°	3383.3	3314.7	3195.9	3096.4	3081.7	3141.7	3165.7	3115.1	3027.9	2997.1	3071.2
29°	3329.2	3250.5	3120.1	3012.3	3002.9	3077.0	3107.2	3050.7	2951.6	2912.0	2992.4
30°	3278.8	3189.3	3043.4	2928.3	2923.8	3013.0	3049.7	2987.0	2876.9	2829.0	2915.1
31°	3226.4	3128.2	2967.8	2847.0	2848.8	2948.7	2989.3	2922.0	2806.9	2751.5	2841.1
32°	3175.5	3069.9	2893.7	2769.6	2774.6	2885.3	2926.6	2856.1	2738.3	2674.3	2769.4
33°	3128.3	3014.8	2820.4	2691.8	2702.5	2816.9	2861.6	2788.0	2668.6	2599.4	2698.7
34°	3081.2	2961.1	2750.6	2615.0	2627.2	2748.1	2792.4	2715.9	2597.3	2523.8	2627.7
35°	3032.9	2907.6	2680.0	2535.3	2549.2	2673.4	2718.7	2638.2	2519.2	2446.4	2554.5
36°	2984.0	2851.7	2609.8	2451.8	2472.8	2595.0	2636.7	2557.4	2433.2	2363.6	2476.9
37°	2931.3	2790.1	2536.8	2370.1	2394.1	2514.7	2551.0	2473.1	2342.3	2271.1	2392.7
38°	2872.1	2717.7	2463.1	2292.0	2313.0	2426.4	2461.1	2383.3	2244.4	2171.6	2300.4
39°	2800.2	2636.0	2382.6	2208.0	2226.2	2333.1	2365.7	2285.6	2144.4	2070.0	2205.2
40°	2711.6	2547.6	2290.0	2117.0	2132.3	2228.6	2264.8	2183.1	2041.9	1967.7	2101.4
41°	2616.3	2450.4	2186.4	2019.1	2032.9	2118.0	2151.3	2079.6	1934.6	1863.3	1992.5
42°	2503.5	2341.9	2075.7	1915.2	1925.4	1995.9	2028.8	1964.8	1819.4	1754.6	1878.4
43°	2378.9	2223.9	1961.7	1805.9	1816.7	1867.5	1905.2	1853.3	1702.5	1640.3	1764.0
44°	2248.4	2093.7	1846.4	1694.9	1704.5	1741.7	1784.3	1738.9	1590.7	1539.7	1657.1

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CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2101.2	1960.3	1726.8	1583.4	1594.9	1623.9	1667.0	1631.6	1478.8	1439.1	1557.8
46°	1950.7	1826.7	1607.4	1476.2	1488.7	1507.7	1539.6	1501.8	1366.1	1338.5	1458.5
47°	1803.5	1697.4	1489.3	1371.1	1369.1	1375.8	1412.3	1371.7	1219.1	1233.4	1358.2
48°	1663.3	1570.4	1364.8	1248.9	1241.7	1252.8	1284.9	1226.1	1074.3	1103.1	1223.5
49°	1515.4	1430.6	1218.0	1114.4	1116.2	1133.9	1164.2	1079.4	944.7	972.3	1074.2
50°	1377.3	1282.5	1069.7	969.9	998.7	1017.2	1061.9	956.4	807.0	807.3	940.7
51°	1271.4	1127.9	946.4	850.2	897.2	930.3	981.6	873.1	705.0	677.8	812.0
52°	1148.5	985.0	849.6	763.5	808.4	852.5	909.6	811.0	633.0	575.5	725.0
53°	982.0	896.0	757.0	713.8	727.9	770.2	844.6	762.4	571.8	496.3	674.1
54°	894.1	828.3	696.5	664.5	671.5	701.3	769.3	725.4	521.6	420.1	618.3
55°	815.8	735.1	636.6	615.2	615.2	632.3	704.8	677.5	475.8	355.9	552.5
56°	720.8	666.1	576.6	559.1	558.8	563.4	648.6	630.1	433.2	303.5	483.7
57°	634.0	597.8	521.7	512.5	526.0	515.4	590.7	582.2	400.9	272.8	428.2
58°	547.3	529.5	474.1	468.5	478.5	458.7	534.5	548.5	368.6	251.6	378.9
59°	486.4	485.9	433.7	425.2	441.3	411.4	484.3	494.8	327.0	233.7	340.2
60°	428.9	456.9	397.1	385.5	402.5	352.6	443.9	441.4	296.8	217.3	306.9
61°	375.5	413.7	356.2	350.8	361.2	303.3	398.6	407.2	279.7	203.0	276.9
62°	329.8	364.2	319.6	318.1	323.0	277.6	358.6	374.9	256.3	190.2	250.8
63°	292.8	320.4	286.8	287.8	291.7	255.7	327.4	341.5	233.0	178.3	228.4
64°	256.4	289.0	259.9	262.1	265.3	230.2	294.2	303.6	211.7	166.7	208.3
65°	226.8	258.0	236.9	239.3	239.6	207.3	262.8	269.6	192.4	155.2	188.9
66°	202.8	229.9	214.0	217.7	216.2	187.7	232.4	237.8	175.3	143.8	172.1
67°	181.6	204.8	192.6	196.8	193.8	170.3	203.8	208.4	158.2	132.8	155.2
68°	162.7	181.0	172.4	175.6	172.2	154.0	180.7	185.6	141.1	122.5	138.3
69°	144.9	158.6	152.7	154.8	152.3	138.1	157.7	162.8	128.0	112.5	123.8
70°	128.6	138.5	133.6	136.1	134.8	123.5	134.8	140.2	116.3	103.1	111.2
71°	113.9	121.4	116.9	118.8	119.1	110.5	119.0	124.7	105.5	94.0	98.7
72°	100.3	106.3	101.8	104.7	104.9	98.7	105.0	110.2	94.8	84.9	87.3
73°	87.1	92.1	88.0	92.0	92.4	87.5	92.1	96.5	84.6	76.0	76.7
74°	75.7	79.5	75.7	80.6	80.6	77.2	80.0	84.1	74.9	67.4	67.0
75°	65.6	68.6	65.3	70.3	70.5	67.6	69.0	72.0	65.5	59.2	57.5
76°	55.7	57.7	54.9	59.7	60.2	58.1	58.7	61.0	56.6	51.5	48.3
77°	45.7	46.8	44.4	49.2	49.8	48.5	49.8	51.9	48.6	44.2	40.6
78°	37.0	37.3	36.6	40.6	42.0	41.1	42.2	43.7	41.1	36.7	33.8
79°	28.5	29.5	29.8	33.4	34.7	34.1	35.0	36.1	34.3	30.3	28.0
80°	21.6	22.7	23.6	27.2	27.7	27.7	27.9	29.6	28.0	25.0	23.0
81°	16.2	17.0	17.8	21.8	22.8	22.8	22.7	24.0	22.3	20.3	18.6
82°	12.0	13.4	14.1	16.6	17.7	18.3	18.4	19.3	17.7	15.6	14.3
83°	8.6	9.3	9.5	11.5	12.5	13.4	14.0	14.5	13.2	10.9	10.0
84°	5.5	6.5	6.7	7.0	8.3	9.2	9.7	9.8	8.7	7.4	6.8
85°	2.5	3.7	3.9	4.3	5.3	6.6	6.2	6.3	5.7	4.7	4.3
86°	0.8	0.9	1.1	1.7	2.4	3.9	3.5	3.5	3.0	2.5	2.3
87°	0.3	0.3	0.3	0.5	0.8	1.3	1.2	1.4	1.3	1.0	1.0
88°	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2

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CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330
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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: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4	4480.4
1°	4478.5	4479.0	4480.3	4481.1	4480.8	4482.2	4480.8	4482.6	4484.5	4481.9	4481.9
2°	4474.8	4475.0	4476.4	4477.9	4479.8	4480.5	4481.2	4482.7	4481.4	4481.4	4480.9
3°	4466.2	4468.0	4470.8	4475.0	4477.8	4477.5	4480.8	4483.2	4479.5	4480.2	4479.3
4°	4453.6	4457.1	4460.6	4466.6	4470.5	4472.9	4476.0	4477.1	4478.0	4476.2	4478.0
5°	4439.6	4445.7	4452.1	4456.6	4461.9	4466.0	4470.2	4474.7	4472.9	4473.1	4474.4
6°	4426.0	4431.8	4438.6	4444.0	4451.8	4456.0	4460.2	4462.7	4463.5	4466.4	4467.7
7°	4410.2	4418.7	4426.5	4431.4	4437.9	4442.3	4446.6	4450.5	4452.2	4453.9	4455.6
8°	4393.0	4402.1	4409.9	4416.5	4424.2	4428.1	4431.9	4436.9	4439.5	4441.9	4440.1
9°	4370.5	4381.1	4390.8	4397.9	4406.5	4411.2	4414.7	4420.3	4424.4	4425.2	4423.4
10°	4344.5	4355.5	4366.3	4375.4	4386.1	4391.0	4396.6	4403.2	4405.2	4408.1	4407.9
11°	4314.1	4324.0	4334.8	4348.2	4361.5	4369.7	4375.8	4382.9	4387.1	4387.9	4389.8
12°	4279.8	4288.3	4302.8	4316.5	4329.3	4343.2	4351.1	4355.5	4359.5	4364.3	4366.8
13°	4237.2	4249.3	4264.0	4281.9	4295.7	4311.3	4317.1	4323.9	4329.5	4335.8	4339.6
14°	4189.0	4204.1	4219.0	4240.4	4258.2	4270.3	4280.0	4287.9	4295.9	4304.9	4310.2
15°	4134.5	4150.4	4168.0	4193.3	4215.6	4228.6	4235.6	4246.2	4255.5	4267.6	4274.8
16°	4075.3	4090.8	4111.4	4138.5	4164.2	4176.6	4186.1	4197.7	4211.4	4226.3	4232.7
17°	4009.6	4026.8	4049.5	4078.8	4105.7	4116.9	4129.4	4142.0	4158.7	4176.8	4187.6
18°	3938.9	3960.1	3985.3	4014.3	4038.7	4051.6	4062.3	4078.2	4098.1	4123.4	4134.6
19°	3865.0	3889.4	3916.3	3944.8	3965.5	3977.9	3988.5	4007.0	4030.5	4059.3	4073.4
20°	3784.6	3810.1	3840.0	3869.6	3884.7	3896.0	3908.5	3929.1	3956.9	3988.4	4007.4
21°	3699.2	3726.3	3756.1	3788.0	3800.7	3807.6	3819.9	3847.2	3876.7	3909.7	3933.4
22°	3618.8	3652.5	3678.5	3700.1	3707.8	3710.9	3730.4	3759.1	3788.6	3824.8	3853.2
23°	3540.3	3585.3	3609.2	3615.6	3611.1	3610.3	3634.6	3670.1	3701.2	3733.5	3765.4
24°	3467.5	3523.0	3544.5	3535.4	3509.6	3505.9	3538.2	3581.8	3612.8	3638.3	3669.6
25°	3404.5	3468.0	3482.4	3454.2	3409.2	3403.4	3441.0	3490.8	3526.5	3541.9	3572.6
26°	3341.5	3414.8	3424.8	3374.4	3309.3	3304.9	3348.2	3408.1	3441.2	3447.1	3476.5
27°	3278.9	3365.3	3366.7	3296.9	3212.9	3207.6	3261.9	3326.5	3358.0	3354.0	3377.8
28°	3216.0	3316.5	3309.9	3219.7	3122.7	3115.4	3179.6	3253.3	3278.3	3262.2	3277.6
29°	3156.2	3267.4	3253.0	3143.0	3034.1	3025.1	3099.1	3180.1	3198.0	3173.8	3182.6
30°	3100.1	3218.1	3196.9	3064.6	2945.8	2938.4	3023.8	3107.8	3122.6	3086.3	3086.2
31°	3042.9	3168.7	3141.3	2987.6	2860.2	2854.8	2950.2	3039.6	3050.8	3000.1	2994.3
32°	2987.3	3119.7	3087.7	2911.4	2777.3	2775.5	2878.0	2971.8	2979.8	2914.4	2904.2
33°	2930.8	3071.5	3031.5	2837.3	2697.6	2701.3	2806.4	2907.2	2907.9	2829.2	2818.4
34°	2872.7	3025.4	2972.6	2765.1	2619.1	2628.2	2737.0	2841.6	2840.4	2745.5	2732.2
35°	2812.1	2978.8	2912.3	2691.0	2541.3	2553.8	2664.7	2773.6	2771.1	2661.3	2647.1
36°	2748.3	2926.3	2847.1	2612.2	2462.3	2479.0	2590.3	2705.0	2698.8	2578.4	2563.2
37°	2677.4	2863.0	2775.2	2533.6	2381.0	2400.5	2517.3	2635.1	2622.6	2496.1	2480.5
38°	2595.1	2787.7	2695.5	2448.1	2296.1	2317.2	2442.3	2561.2	2541.9	2410.9	2398.1
39°	2502.1	2702.4	2604.9	2354.9	2207.0	2227.8	2361.9	2483.2	2457.6	2322.8	2311.6
40°	2397.8	2604.3	2502.4	2253.8	2109.4	2132.3	2272.4	2394.7	2366.6	2232.4	2224.4
41°	2285.7	2496.4	2385.6	2146.0	2006.9	2032.2	2174.5	2293.0	2263.6	2135.0	2130.8
42°	2164.3	2376.8	2256.6	2027.0	1899.6	1927.1	2068.5	2181.4	2149.8	2032.6	2029.4
43°	2039.7	2248.2	2121.9	1900.1	1786.6	1818.7	1954.5	2058.5	2023.7	1925.1	1918.1
44°	1920.5	2123.3	1988.8	1771.4	1665.8	1703.5	1838.4	1930.9	1887.1	1808.9	1804.9

REPORT NUMBER: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1801.5	1999.2	1855.2	1644.7	1554.9	1585.4	1717.4	1802.6	1746.6	1688.0	1690.5
46°	1689.8	1881.2	1732.6	1529.0	1443.8	1467.4	1601.5	1677.3	1602.7	1563.4	1577.3
47°	1559.1	1741.9	1595.8	1413.4	1332.9	1349.4	1485.4	1563.8	1477.5	1442.7	1468.2
48°	1428.3	1626.6	1459.0	1296.7	1214.0	1220.8	1369.0	1438.2	1347.5	1330.3	1362.3
49°	1297.7	1511.4	1322.9	1140.8	1057.6	1064.4	1224.5	1311.3	1214.1	1209.9	1234.0
50°	1186.5	1396.2	1214.2	1007.2	892.9	925.2	1072.9	1176.7	1091.0	1083.0	1088.7
51°	1085.3	1284.3	1138.1	897.6	744.6	806.6	940.1	1054.5	991.1	954.9	941.4
52°	1007.5	1171.1	1047.1	780.4	611.4	681.9	839.0	960.9	905.9	841.8	819.5
53°	964.3	1110.3	1002.2	725.9	538.4	602.9	776.7	895.1	825.7	752.9	736.4
54°	906.9	1051.5	952.1	663.6	463.3	547.7	734.4	815.5	746.0	696.6	681.7
55°	846.4	975.1	868.7	593.7	389.4	498.9	702.1	743.1	677.3	640.4	627.6
56°	758.4	887.3	778.9	528.2	329.7	458.9	665.6	683.1	608.8	584.2	573.6
57°	675.5	793.0	698.5	465.9	291.8	428.4	616.4	623.1	540.3	545.7	525.1
58°	616.6	714.2	626.7	411.1	268.6	400.6	568.9	563.2	471.4	490.4	483.4
59°	552.9	650.9	561.5	369.4	248.4	359.9	539.0	516.7	437.3	443.6	444.3
60°	484.4	581.4	495.7	340.6	231.1	319.0	488.2	469.7	389.3	416.9	407.8
61°	429.6	510.2	436.7	302.6	215.6	288.7	432.8	418.4	333.3	378.6	372.6
62°	382.2	447.4	380.9	266.4	201.6	266.9	391.6	381.6	295.0	339.8	340.0
63°	337.2	390.6	336.6	237.3	188.8	244.3	360.2	350.1	262.1	301.8	310.1
64°	304.8	342.9	298.7	213.5	176.8	223.8	323.3	315.4	234.0	271.5	280.8
65°	272.9	299.9	266.6	192.6	164.8	203.6	288.4	282.3	212.2	246.7	253.8
66°	242.5	264.4	236.5	175.7	152.7	186.3	257.1	251.4	192.8	223.5	230.0
67°	214.9	230.9	210.8	158.8	141.4	169.0	227.5	222.9	175.9	201.4	207.7
68°	189.8	200.2	187.4	142.0	130.1	151.8	201.0	196.1	159.7	180.4	185.4
69°	164.6	173.8	164.0	127.7	119.9	138.1	179.7	171.9	144.3	160.3	163.2
70°	139.5	147.6	140.7	114.3	110.2	124.9	158.3	149.7	129.8	141.7	142.5
71°	119.8	128.0	122.2	101.6	100.8	112.5	137.0	131.0	115.7	124.2	124.4
72°	102.5	110.0	106.0	90.3	91.3	101.4	121.2	115.0	103.5	109.2	109.0
73°	87.7	93.4	91.3	79.8	81.8	91.1	107.0	100.6	92.1	96.1	95.7
74°	73.9	78.7	77.8	70.1	72.8	81.1	93.5	87.6	81.7	84.3	83.7
75°	62.0	66.0	65.2	60.7	64.0	71.3	80.7	75.8	71.1	73.2	72.7
76°	51.8	55.0	54.6	51.4	55.9	62.1	68.2	65.8	61.9	63.8	62.7
77°	43.2	45.8	45.7	43.2	48.0	53.1	57.6	55.9	52.7	54.4	52.8
78°	35.6	37.9	37.8	36.3	40.4	44.8	48.5	46.0	44.4	45.0	42.9
79°	29.1	30.8	30.8	30.4	33.6	37.8	40.7	38.7	37.7	37.9	35.7
80°	23.4	24.7	24.8	24.9	27.8	31.4	33.6	31.1	31.0	30.9	29.4
81°	19.0	20.2	20.2	20.4	22.5	25.3	27.4	24.8	24.7	24.7	23.6
82°	14.7	15.7	15.7	15.9	18.1	20.4	21.8	20.0	19.9	19.5	18.1
83°	10.4	11.3	11.1	11.4	13.7	15.4	17.1	15.6	15.0	14.5	12.8
84°	7.1	7.7	7.6	7.9	9.3	10.5	12.4	11.5	10.8	10.0	8.2
85°	4.4	4.8	4.8	5.0	6.0	7.1	7.8	7.7	7.1	7.1	5.3
86°	2.2	2.5	2.6	2.8	3.3	4.3	4.7	5.0	4.7	4.3	2.4
87°	1.0	1.0	1.1	1.3	1.5	2.2	2.5	2.4	2.4	1.5	0.7
88°	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.6	0.7	0.4	0.2
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1

REPORT NUMBER: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330
CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4480.4	4480.4	4480.4
1°	4481.2	4480.6	4479.3
2°	4480.4	4480.1	4478.3
3°	4480.3	4478.5	4475.4
4°	4477.3	4474.2	4468.9
5°	4470.5	4466.7	4460.3
6°	4462.2	4456.9	4448.8
7°	4449.1	4443.3	4433.9
8°	4435.1	4430.3	4421.9
9°	4422.3	4414.9	4406.5
10°	4405.2	4401.5	4387.8
11°	4386.3	4379.5	4366.1
12°	4363.3	4354.1	4338.6
13°	4336.4	4326.2	4307.9
14°	4304.4	4293.6	4274.0
15°	4269.9	4257.2	4233.9
16°	4228.0	4212.4	4186.1
17°	4180.6	4162.1	4131.0
18°	4128.8	4104.2	4072.0
19°	4070.1	4043.1	4007.1
20°	4003.9	3976.1	3939.3
21°	3933.1	3908.2	3870.1
22°	3856.4	3834.3	3798.1
23°	3772.0	3756.2	3720.7
24°	3683.8	3675.7	3643.2
25°	3596.5	3592.7	3571.0
26°	3506.6	3518.4	3505.4
27°	3419.6	3449.8	3443.5
28°	3332.6	3382.5	3383.3
29°	3251.7	3317.4	3329.2
30°	3167.5	3253.3	3278.8
31°	3085.9	3190.5	3226.4
32°	3009.7	3131.6	3175.5
33°	2933.6	3073.9	3128.3
34°	2858.2	3017.9	3081.2
35°	2779.5	2962.6	3032.9
36°	2706.3	2910.9	2984.0
37°	2634.9	2854.7	2931.3
38°	2555.1	2793.5	2872.1
39°	2467.4	2718.9	2800.2
40°	2372.7	2627.4	2711.6
41°	2271.0	2526.7	2616.3
42°	2157.9	2419.0	2503.5
43°	2044.7	2303.2	2378.9
44°	1929.2	2179.8	2248.4

REPORT NUMBER: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1808.4	2043.2	2101.2
46°	1686.9	1904.3	1950.7
47°	1564.3	1767.4	1803.5
48°	1443.4	1633.2	1663.3
49°	1318.0	1488.3	1515.4
50°	1170.5	1339.3	1377.3
51°	1015.4	1172.1	1271.4
52°	879.8	1051.7	1148.5
53°	800.0	930.5	982.0
54°	722.7	831.7	894.1
55°	670.7	764.8	815.8
56°	619.0	696.4	720.8
57°	567.3	627.9	634.0
58°	515.6	559.4	547.3
59°	468.3	506.4	486.4
60°	423.7	447.4	428.9
61°	386.0	395.0	375.5
62°	348.6	355.5	329.8
63°	311.2	318.5	292.8
64°	278.3	284.1	256.4
65°	249.3	253.2	226.8
66°	219.3	225.8	202.8
67°	190.9	202.7	181.6
68°	167.8	180.7	162.7
69°	147.5	160.6	144.9
70°	130.6	141.3	128.6
71°	114.8	124.7	113.9
72°	101.0	109.8	100.3
73°	88.4	95.1	87.1
74°	76.5	81.7	75.7
75°	66.4	70.7	65.6
76°	56.3	59.8	55.7
77°	46.2	48.9	45.7
78°	38.4	39.7	37.0
79°	31.8	31.3	28.5
80°	25.4	24.2	21.6
81°	19.3	18.1	16.2
82°	14.5	13.2	12.0
83°	10.3	9.7	8.6
84°	7.4	6.8	5.5
85°	4.4	3.9	2.5
86°	1.5	1.0	0.8
87°	0.4	0.3	0.3
88°	0.2	0.1	0.1
89°	0.1	0.1	0.1

REPORT NUMBER: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

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: P1440330

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)