

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: P1440333

Luminaire Tested: XSF100-SFTR-6Hx6V-840-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440333
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-840-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10516.5 lumens
Efficiency: N/A
Efficacy: 159.3 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

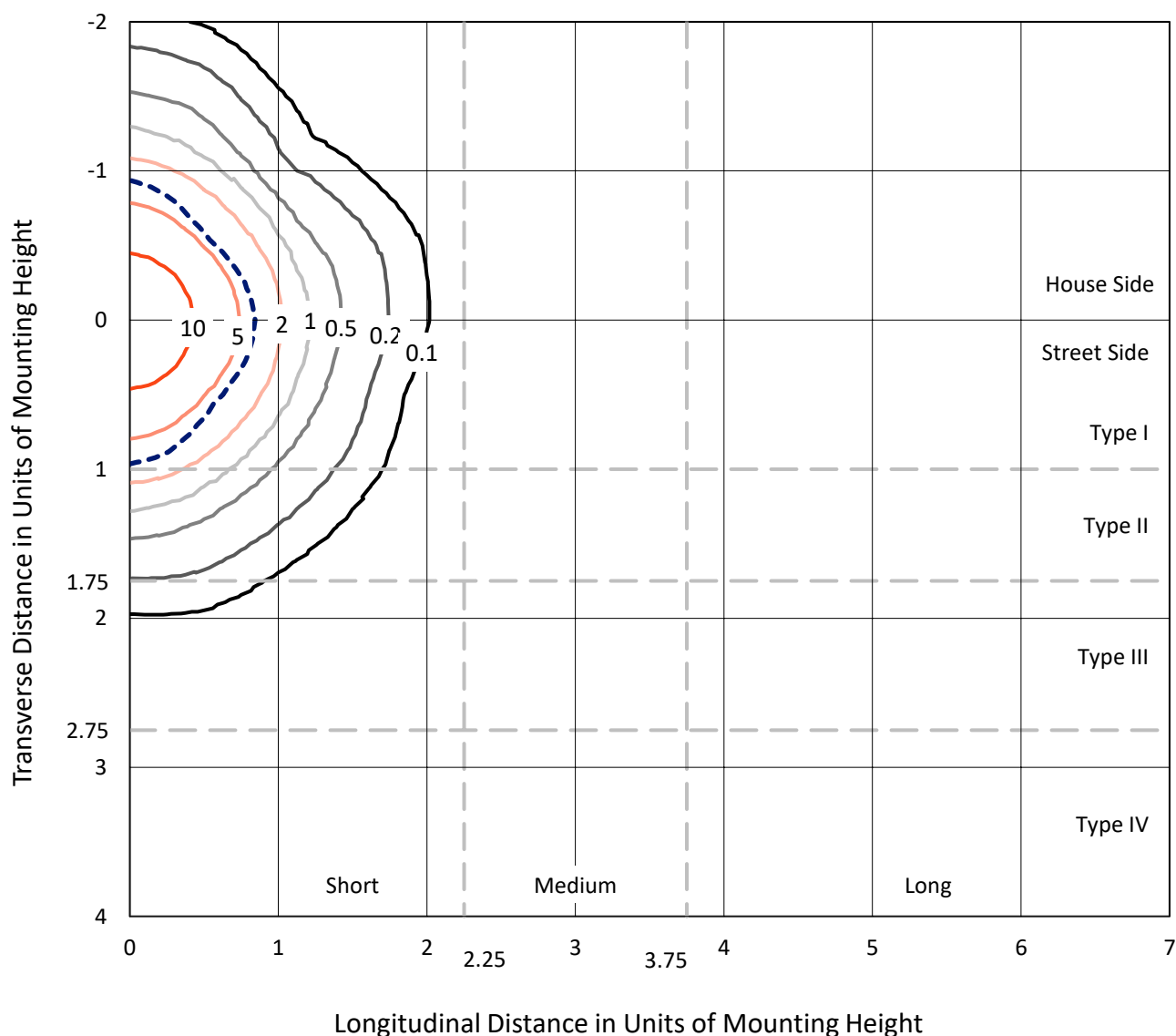
REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



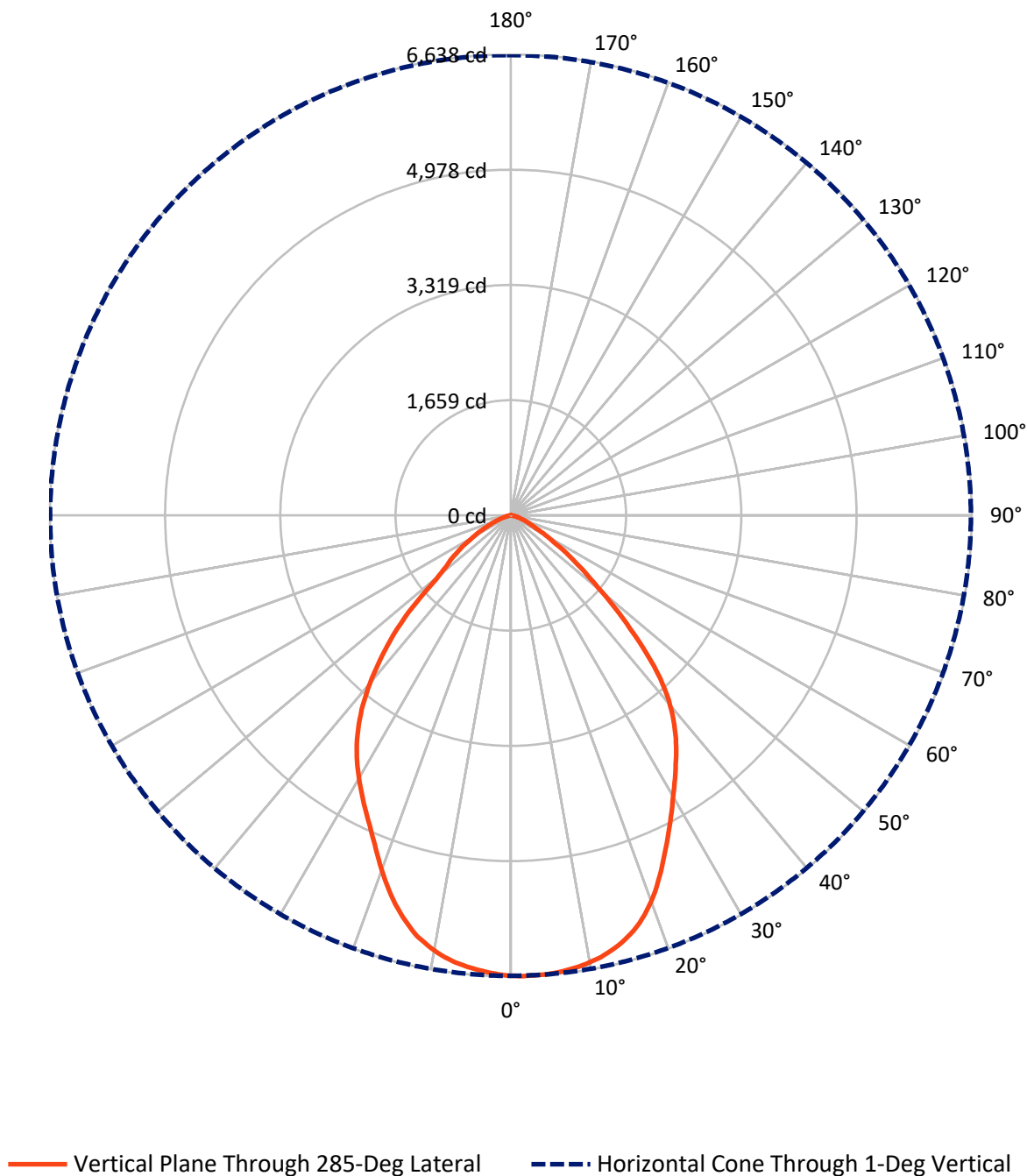
Based on 20 foot mounting height. Maximum calculated value = 16.6 fc

Type V - Short - N/A

REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

Luminous Intensity Polar Plot



REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

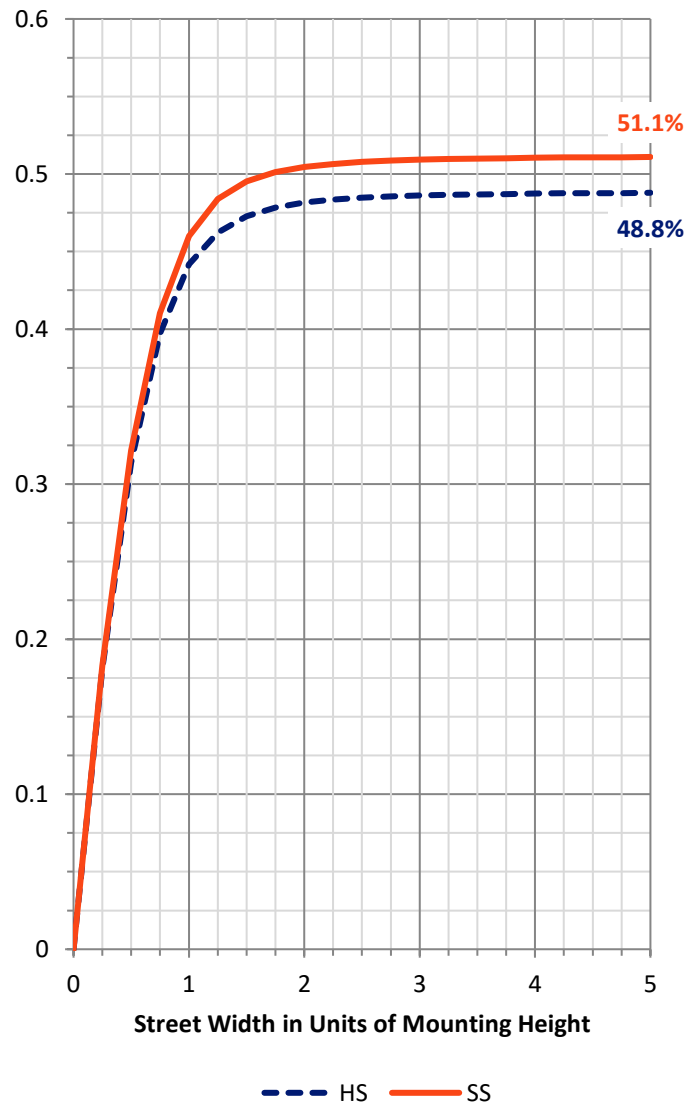
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5163.2	0.0	5163.2
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	5353.3	0.0	5353.3
	% Fixture	50.9	0.0	50.9
Total	Lumens	10516.5	0.0	10516.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	625.0	5.9
10°-20°	1733.3	16.5
20°-30°	2342.9	22.3
30°-40°	2494.2	23.7
40°-50°	1943.1	18.5
50°-60°	894.4	8.5
60°-70°	358.8	3.4
70°-80°	111.5	1.1
80°-90°	13.3	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10516.5	100.0
0°-180°	10516.5	100.0

Coefficient of Utilization



REPORT NUMBER: P1440333

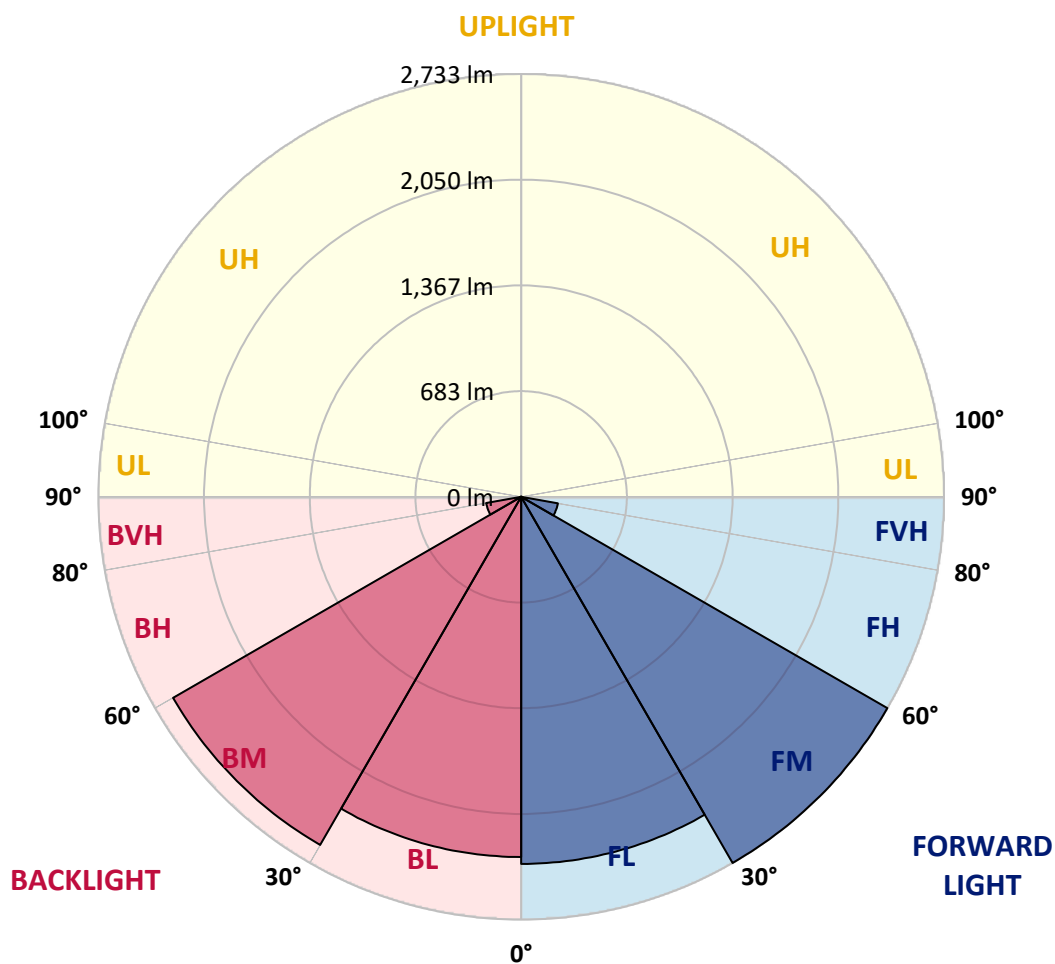
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2373.0	22.6			
FM	(30°-60°)	2733.2	26.0			
FH	(60°-80°)	240.7	2.3			G0/660
FVH	(80°-90°)	6.4	0.1			G0/10
BL	(0°-30°)	2328.2	22.1	B3/2500		
BM	(30°-60°)	2598.5	24.7	B3/5000		
BH	(60°-80°)	229.7	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



REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8
1°	6630.2	6629.8	6629.0	6628.3	6624.5	6624.8	6625.7	6624.7	6626.5	6625.9	6627.8
2°	6628.7	6625.6	6621.8	6621.1	6619.5	6615.1	6613.8	6610.2	6612.9	6616.6	6618.4
3°	6624.5	6619.9	6615.0	6610.1	6604.9	6601.4	6595.1	6596.5	6598.4	6602.6	6605.9
4°	6614.7	6608.0	6601.0	6595.2	6588.2	6581.9	6578.0	6574.5	6578.8	6583.4	6586.5
5°	6602.1	6592.1	6585.6	6574.1	6565.4	6559.5	6554.0	6552.6	6554.1	6558.1	6565.2
6°	6585.0	6574.2	6560.3	6550.4	6540.7	6534.3	6529.9	6529.8	6528.3	6531.5	6542.3
7°	6563.0	6552.0	6538.7	6524.6	6513.6	6505.9	6505.1	6502.9	6502.7	6506.0	6516.6
8°	6545.2	6529.5	6512.4	6498.1	6482.9	6473.9	6472.7	6471.0	6473.2	6478.4	6489.1
9°	6522.3	6502.6	6484.2	6468.2	6449.0	6439.0	6432.3	6432.1	6434.4	6441.5	6457.4
10°	6494.7	6473.6	6451.5	6431.0	6410.4	6396.7	6386.1	6387.0	6393.5	6400.9	6414.9
11°	6462.6	6436.6	6410.8	6387.1	6366.9	6349.4	6335.4	6333.8	6341.8	6354.9	6370.4
12°	6422.0	6394.1	6366.3	6337.8	6316.1	6293.5	6277.5	6272.6	6284.2	6299.4	6319.1
13°	6376.5	6347.0	6316.4	6283.9	6254.6	6230.1	6209.9	6209.8	6219.2	6237.2	6257.9
14°	6326.2	6291.8	6257.3	6222.5	6189.3	6158.2	6131.3	6129.6	6142.1	6165.6	6185.4
15°	6266.9	6228.6	6190.9	6154.1	6114.3	6075.6	6043.7	6039.5	6056.0	6085.0	6104.3
16°	6196.2	6153.1	6112.1	6075.9	6028.2	5985.7	5948.3	5945.0	5961.8	5991.3	6012.9
17°	6114.6	6072.7	6024.6	5986.8	5931.0	5884.6	5845.1	5843.1	5858.9	5887.7	5913.7
18°	6027.2	5980.4	5931.9	5884.5	5823.6	5778.5	5733.2	5732.1	5748.9	5776.3	5805.1
19°	5931.2	5879.8	5832.6	5776.3	5712.5	5664.3	5618.7	5616.0	5629.8	5658.2	5691.7
20°	5830.8	5778.8	5723.0	5655.9	5592.4	5543.2	5502.0	5494.6	5504.6	5530.4	5572.2
21°	5728.5	5671.0	5612.5	5532.1	5465.1	5420.8	5384.9	5371.8	5369.4	5397.5	5438.8
22°	5621.9	5555.8	5486.3	5398.9	5330.0	5297.1	5264.5	5245.2	5235.8	5262.3	5306.1
23°	5507.2	5433.2	5353.4	5259.2	5193.3	5175.5	5151.9	5124.9	5099.1	5115.5	5165.5
24°	5392.6	5315.4	5220.8	5119.4	5059.0	5059.8	5049.1	5011.8	4968.7	4970.8	5036.7
25°	5285.7	5206.5	5094.4	4982.7	4928.4	4951.3	4955.5	4903.1	4839.2	4828.6	4910.3
26°	5188.6	5103.5	4970.2	4846.8	4799.5	4847.7	4864.3	4802.6	4716.2	4697.5	4785.7
27°	5097.0	5004.9	4850.9	4712.8	4677.8	4747.9	4774.0	4705.6	4599.2	4564.2	4662.9
28°	5007.9	4906.4	4730.5	4583.3	4561.5	4650.2	4685.7	4610.9	4481.9	4436.3	4545.9
29°	4927.7	4811.2	4618.3	4458.7	4444.9	4554.5	4599.2	4515.6	4368.9	4310.3	4429.2
30°	4853.3	4720.8	4504.8	4334.4	4327.8	4459.7	4514.1	4421.3	4258.3	4187.4	4314.9
31°	4775.6	4630.2	4392.9	4214.0	4216.7	4364.6	4424.8	4325.0	4154.8	4072.8	4205.4
32°	4700.3	4544.0	4283.1	4099.5	4106.9	4270.8	4331.9	4227.5	4053.1	3958.4	4099.3
33°	4630.4	4462.4	4174.6	3984.4	4000.1	4169.5	4235.7	4126.7	3950.0	3847.5	3994.5
34°	4560.8	4383.0	4071.4	3870.6	3888.8	4067.7	4133.3	4020.0	3844.4	3735.6	3889.4
35°	4489.2	4303.8	3966.9	3752.6	3773.3	3957.1	4024.1	3905.0	3728.9	3621.1	3781.2
36°	4416.9	4221.0	3863.0	3629.2	3660.2	3841.0	3902.8	3785.4	3601.5	3498.6	3666.3
37°	4338.9	4129.9	3754.9	3508.1	3543.6	3722.1	3775.9	3660.6	3467.0	3361.6	3541.7
38°	4251.2	4022.6	3645.8	3392.5	3423.7	3591.5	3642.9	3527.7	3322.2	3214.3	3405.0
39°	4144.8	3901.8	3526.7	3268.3	3295.1	3453.4	3501.7	3383.2	3174.0	3063.9	3264.1
40°	4013.6	3770.9	3389.5	3133.6	3156.2	3298.7	3352.3	3231.4	3022.4	2912.6	3110.4
41°	3872.5	3627.0	3236.3	2988.6	3009.0	3135.1	3184.3	3078.2	2863.6	2758.1	2949.3
42°	3705.7	3466.4	3072.4	2834.8	2849.9	2954.3	3002.9	2908.3	2693.1	2597.2	2780.3
43°	3521.1	3291.8	2903.7	2673.0	2689.0	2764.2	2820.1	2743.2	2520.1	2427.9	2611.0
44°	3328.1	3099.0	2732.9	2508.8	2522.9	2578.1	2641.1	2573.9	2354.5	2279.1	2452.8

REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3110.1	2901.6	2556.0	2343.7	2360.7	2403.7	2467.4	2415.1	2188.8	2130.1	2305.8
46°	2887.4	2703.8	2379.2	2185.0	2203.5	2231.7	2278.8	2223.0	2022.1	1981.2	2158.8
47°	2669.4	2512.4	2204.5	2029.5	2026.4	2036.5	2090.4	2030.3	1804.5	1825.7	2010.3
48°	2461.9	2324.5	2020.2	1848.6	1837.9	1854.3	1902.0	1814.8	1590.2	1632.8	1811.0
49°	2243.1	2117.6	1802.8	1649.5	1652.2	1678.3	1723.2	1597.7	1398.4	1439.2	1590.0
50°	2038.7	1898.3	1583.3	1435.6	1478.2	1505.6	1571.8	1415.6	1194.5	1194.9	1392.3
51°	1882.0	1669.4	1400.8	1258.5	1328.0	1377.0	1453.0	1292.4	1043.5	1003.3	1201.8
52°	1700.0	1458.0	1257.6	1130.1	1196.6	1261.8	1346.3	1200.4	936.9	851.9	1073.1
53°	1453.6	1326.2	1120.5	1056.6	1077.4	1140.1	1250.2	1128.5	846.4	734.5	997.8
54°	1323.5	1226.1	1031.0	983.5	994.0	1038.0	1138.6	1073.7	772.1	621.8	915.2
55°	1207.6	1088.1	942.3	910.5	910.6	936.0	1043.2	1002.8	704.2	526.8	817.8
56°	1066.9	985.9	853.5	827.6	827.2	833.9	960.0	932.6	641.2	449.3	715.9
57°	938.4	884.9	772.3	758.5	778.6	762.9	874.4	861.8	593.4	403.8	633.8
58°	810.1	783.8	701.8	693.5	708.2	678.9	791.2	811.9	545.6	372.4	560.8
59°	720.0	719.2	642.0	629.4	653.2	608.9	716.9	732.4	484.0	346.0	503.6
60°	634.9	676.3	587.7	570.7	595.7	521.9	657.1	653.4	439.3	321.7	454.2
61°	555.8	612.4	527.2	519.2	534.7	448.9	590.0	602.7	414.0	300.5	409.8
62°	488.2	539.0	473.0	470.8	478.2	410.9	530.8	555.0	379.4	281.6	371.3
63°	433.4	474.3	424.5	426.0	431.8	378.6	484.7	505.5	344.9	263.9	338.0
64°	379.6	427.7	384.7	387.9	392.6	340.8	435.5	449.4	313.3	246.8	308.4
65°	335.8	381.8	350.6	354.2	354.7	306.8	389.0	399.0	284.7	229.7	279.6
66°	300.1	340.3	316.7	322.3	320.0	277.8	344.0	352.0	259.4	212.9	254.7
67°	268.8	303.1	285.0	291.3	286.9	252.1	301.7	308.5	234.1	196.6	229.7
68°	240.9	267.9	255.2	259.9	254.9	228.0	267.5	274.7	208.8	181.4	204.8
69°	214.5	234.8	226.1	229.2	225.4	204.5	233.4	241.0	189.4	166.5	183.3
70°	190.4	205.0	197.7	201.4	199.5	182.9	199.5	207.5	172.1	152.6	164.6
71°	168.6	179.8	173.0	175.9	176.3	163.6	176.1	184.6	156.1	139.1	146.2
72°	148.4	157.4	150.7	155.0	155.3	146.1	155.3	163.2	140.3	125.6	129.3
73°	128.9	136.3	130.3	136.1	136.7	129.5	136.4	142.8	125.2	112.5	113.5
74°	112.0	117.6	112.1	119.3	119.2	114.2	118.5	124.4	110.9	99.8	99.2
75°	97.2	101.5	96.7	104.0	104.4	100.1	102.1	106.5	97.0	87.6	85.1
76°	82.4	85.4	81.2	88.4	89.0	86.0	86.8	90.3	83.8	76.2	71.5
77°	67.6	69.3	65.8	72.9	73.7	71.8	73.7	76.8	71.9	65.4	60.0
78°	54.8	55.2	54.1	60.0	62.2	60.9	62.5	64.7	60.8	54.4	50.0
79°	42.2	43.6	44.2	49.5	51.4	50.4	51.8	53.5	50.7	44.8	41.5
80°	32.0	33.6	34.9	40.2	41.1	41.0	41.3	43.8	41.5	36.9	34.0
81°	24.0	25.2	26.4	32.3	33.8	33.8	33.6	35.6	32.9	30.0	27.6
82°	17.8	19.8	20.8	24.6	26.2	27.0	27.2	28.5	26.3	23.0	21.2
83°	12.7	13.7	14.1	17.0	18.5	19.9	20.8	21.5	19.6	16.1	14.8
84°	8.2	9.6	9.9	10.3	12.3	13.6	14.4	14.4	12.9	11.0	10.0
85°	3.7	5.4	5.8	6.4	7.9	9.7	9.2	9.3	8.4	6.9	6.3
86°	1.2	1.3	1.7	2.5	3.5	5.8	5.1	5.1	4.5	3.7	3.4
87°	0.4	0.4	0.5	0.7	1.2	1.9	1.8	2.0	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

REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8	6631.8
1°	6629.0	6629.7	6631.6	6632.8	6632.4	6634.4	6632.4	6635.1	6637.8	6633.9	6633.9
2°	6623.5	6623.8	6625.8	6628.1	6631.0	6632.0	6632.9	6635.2	6633.2	6633.2	6632.6
3°	6610.7	6613.4	6617.6	6623.8	6627.9	6627.4	6632.4	6635.9	6630.5	6631.4	6630.2
4°	6592.1	6597.3	6602.4	6611.3	6617.1	6620.7	6625.3	6627.0	6628.2	6625.6	6628.2
5°	6571.5	6580.4	6589.8	6596.6	6604.5	6610.5	6616.7	6623.3	6620.7	6621.0	6623.0
6°	6551.2	6559.8	6569.9	6578.0	6589.4	6595.7	6601.8	6605.6	6606.7	6611.1	6612.9
7°	6527.9	6540.4	6551.9	6559.2	6568.9	6575.3	6581.7	6587.6	6590.1	6592.6	6595.1
8°	6502.4	6515.8	6527.4	6537.2	6548.6	6554.4	6559.9	6567.5	6571.2	6574.8	6572.1
9°	6469.1	6484.8	6499.2	6509.7	6522.3	6529.3	6534.6	6542.8	6549.0	6550.1	6547.4
10°	6430.6	6446.9	6463.0	6476.3	6492.2	6499.4	6507.7	6517.6	6520.5	6524.7	6524.4
11°	6385.6	6400.3	6416.2	6436.1	6455.8	6468.0	6476.9	6487.4	6493.7	6494.8	6497.7
12°	6334.8	6347.5	6369.0	6389.2	6408.1	6428.7	6440.5	6447.0	6452.8	6460.0	6463.6
13°	6271.8	6289.7	6311.5	6338.0	6358.5	6381.5	6390.1	6400.1	6408.5	6417.7	6423.3
14°	6200.4	6222.8	6244.9	6276.6	6302.9	6320.8	6335.2	6346.9	6358.7	6372.0	6379.8
15°	6119.8	6143.3	6169.4	6206.8	6239.9	6259.1	6269.4	6285.1	6298.8	6316.8	6327.5
16°	6032.2	6055.1	6085.6	6125.7	6163.7	6182.1	6196.2	6213.4	6233.6	6255.7	6265.1
17°	5934.8	5960.4	5994.0	6037.4	6077.2	6093.7	6112.2	6130.8	6155.6	6182.5	6198.4
18°	5830.2	5861.6	5899.0	5941.8	5978.0	5997.1	6013.0	6036.4	6065.8	6103.3	6119.9
19°	5720.8	5757.0	5796.8	5839.0	5869.6	5888.0	5903.7	5931.1	5965.8	6008.5	6029.3
20°	5601.9	5639.6	5683.9	5727.7	5750.1	5766.7	5785.2	5815.7	5857.0	5903.6	5931.6
21°	5475.5	5515.6	5559.7	5606.8	5625.7	5636.0	5654.1	5694.5	5738.2	5787.1	5822.1
22°	5356.5	5406.3	5444.9	5476.7	5488.2	5492.7	5521.6	5564.1	5607.9	5661.3	5703.3
23°	5240.2	5306.8	5342.2	5351.7	5345.1	5343.8	5379.9	5432.4	5478.5	5526.2	5573.5
24°	5132.5	5214.6	5246.5	5233.0	5194.9	5189.4	5237.1	5301.7	5347.6	5385.4	5431.6
25°	5039.3	5133.3	5154.6	5112.9	5046.2	5037.6	5093.2	5167.0	5219.8	5242.6	5288.1
26°	4946.0	5054.5	5069.2	4994.8	4898.4	4891.8	4955.9	5044.6	5093.6	5102.4	5145.9
27°	4853.4	4981.2	4983.2	4880.0	4755.6	4747.9	4828.1	4923.7	4970.5	4964.5	4999.8
28°	4760.2	4909.0	4899.3	4765.7	4622.1	4611.4	4706.4	4815.5	4852.5	4828.6	4851.4
29°	4671.7	4836.3	4815.0	4652.1	4491.0	4477.7	4587.2	4707.1	4733.6	4697.7	4710.9
30°	4588.6	4763.4	4732.0	4536.1	4360.3	4349.4	4475.8	4600.1	4622.0	4568.2	4568.1
31°	4504.0	4690.3	4649.6	4422.1	4233.6	4225.6	4366.8	4499.1	4515.7	4440.7	4432.1
32°	4421.7	4617.8	4570.4	4309.4	4110.9	4108.2	4259.9	4398.8	4410.6	4313.9	4298.8
33°	4338.1	4546.4	4487.1	4199.6	3992.9	3998.4	4154.0	4303.2	4304.3	4187.7	4171.8
34°	4252.1	4478.1	4400.0	4092.9	3876.8	3890.1	4051.3	4206.0	4204.3	4063.8	4044.2
35°	4162.4	4409.2	4310.8	3983.2	3761.5	3780.0	3944.2	4105.4	4101.8	3939.2	3918.1
36°	4068.0	4331.4	4214.1	3866.5	3644.6	3669.4	3834.2	4003.9	3994.6	3816.5	3794.0
37°	3963.0	4237.8	4107.8	3750.1	3524.3	3553.1	3726.0	3900.4	3881.9	3694.7	3671.5
38°	3841.1	4126.3	3989.8	3623.6	3398.6	3429.9	3615.0	3791.0	3762.4	3568.5	3549.6
39°	3703.5	4000.0	3855.8	3485.6	3266.8	3297.6	3496.0	3675.5	3637.6	3438.1	3421.5
40°	3549.1	3854.8	3704.0	3336.0	3122.3	3156.2	3363.6	3544.5	3503.0	3304.3	3292.5
41°	3383.3	3695.1	3531.2	3176.4	2970.6	3008.0	3218.7	3394.0	3350.5	3160.2	3153.9
42°	3203.6	3518.1	3340.1	3000.3	2811.8	2852.4	3061.8	3228.9	3182.1	3008.7	3003.9
43°	3019.0	3327.8	3140.8	2812.6	2644.4	2691.9	2893.1	3046.9	2995.4	2849.4	2839.2
44°	2842.7	3142.9	2943.8	2621.9	2465.7	2521.4	2721.2	2858.0	2793.3	2677.4	2671.6

REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2666.5	2959.2	2746.0	2434.4	2301.5	2346.7	2542.1	2668.2	2585.3	2498.6	2502.2
46°	2501.2	2784.5	2564.6	2263.2	2137.1	2172.1	2370.4	2482.7	2372.3	2314.1	2334.7
47°	2307.7	2578.3	2362.1	2092.1	1972.9	1997.3	2198.7	2314.7	2187.0	2135.4	2173.2
48°	2114.2	2407.7	2159.6	1919.3	1796.9	1807.0	2026.3	2128.8	1994.6	1969.1	2016.5
49°	1920.8	2237.2	1958.1	1688.6	1565.4	1575.5	1812.4	1941.0	1797.1	1790.9	1826.6
50°	1756.2	2066.6	1797.2	1490.9	1321.6	1369.4	1588.1	1741.7	1614.8	1603.1	1611.4
51°	1606.4	1900.9	1684.6	1328.6	1102.1	1194.0	1391.5	1560.8	1467.0	1413.4	1393.4
52°	1491.2	1733.4	1550.0	1155.1	905.0	1009.4	1241.8	1422.3	1340.9	1246.0	1213.0
53°	1427.4	1643.4	1483.5	1074.5	796.9	892.5	1149.6	1325.0	1222.2	1114.4	1090.0
54°	1342.4	1556.5	1409.2	982.3	685.7	810.7	1087.0	1207.1	1104.2	1031.1	1009.0
55°	1252.9	1443.3	1285.9	878.8	576.4	738.5	1039.2	1100.0	1002.5	947.9	929.0
56°	1122.6	1313.3	1153.0	781.9	488.0	679.3	985.2	1011.1	901.1	864.7	849.0
57°	999.9	1173.7	1033.9	689.7	431.9	634.2	912.3	922.4	799.7	807.7	777.3
58°	912.6	1057.1	927.6	608.5	397.5	593.0	842.1	833.7	697.8	725.9	715.6
59°	818.3	963.5	831.2	546.8	367.6	532.7	797.8	764.8	647.3	656.7	657.6
60°	717.0	860.6	733.7	504.1	342.1	472.1	722.7	695.3	576.2	617.0	603.6
61°	635.9	755.1	646.4	447.9	319.1	427.3	640.6	619.3	493.4	560.4	551.5
62°	565.8	662.2	563.8	394.3	298.5	395.1	579.7	564.8	436.6	503.0	503.3
63°	499.2	578.2	498.2	351.3	279.5	361.6	533.2	518.2	388.0	446.7	459.1
64°	451.1	507.6	442.1	316.0	261.7	331.3	478.5	466.8	346.4	401.9	415.6
65°	404.0	444.0	394.6	285.1	243.9	301.4	426.9	417.9	314.2	365.1	375.7
66°	359.0	391.3	350.0	260.1	226.1	275.8	380.5	372.1	285.4	330.9	340.5
67°	318.1	341.7	312.0	235.1	209.3	250.2	336.8	330.0	260.4	298.2	307.5
68°	280.9	296.3	277.4	210.2	192.5	224.6	297.6	290.3	236.5	267.0	274.4
69°	243.6	257.2	242.7	189.0	177.5	204.4	266.0	254.4	213.7	237.3	241.6
70°	206.4	218.4	208.2	169.2	163.1	184.8	234.4	221.6	192.1	209.7	211.0
71°	177.3	189.4	180.9	150.4	149.1	166.5	202.8	193.9	171.3	183.8	184.2
72°	151.8	162.9	156.9	133.7	135.1	150.1	179.4	170.3	153.2	161.7	161.3
73°	129.8	138.3	135.2	118.1	121.1	134.9	158.4	148.9	136.3	142.2	141.7
74°	109.3	116.5	115.1	103.7	107.7	120.0	138.4	129.7	120.9	124.8	124.0
75°	91.7	97.7	96.5	89.8	94.7	105.6	119.5	112.1	105.3	108.4	107.6
76°	76.7	81.4	80.8	76.0	82.7	91.9	100.9	97.4	91.6	94.5	92.8
77°	64.0	67.8	67.6	64.0	71.1	78.6	85.2	82.7	78.0	80.5	78.2
78°	52.7	56.1	55.9	53.8	59.8	66.3	71.8	68.1	65.8	66.6	63.5
79°	43.0	45.6	45.6	45.0	49.8	56.0	60.3	57.4	55.8	56.0	52.9
80°	34.6	36.5	36.8	36.8	41.1	46.5	49.8	46.1	45.9	45.7	43.5
81°	28.2	29.9	30.0	30.2	33.4	37.5	40.6	36.7	36.6	36.6	34.9
82°	21.8	23.3	23.2	23.5	26.8	30.2	32.3	29.7	29.5	28.9	26.8
83°	15.4	16.7	16.4	16.9	20.3	22.8	25.3	23.1	22.2	21.4	19.0
84°	10.5	11.4	11.3	11.8	13.7	15.5	18.4	17.0	16.0	14.8	12.1
85°	6.6	7.1	7.2	7.5	8.9	10.6	11.5	11.3	10.5	10.6	7.8
86°	3.3	3.7	3.8	4.2	4.9	6.4	6.9	7.4	7.0	6.4	3.5
87°	1.5	1.5	1.7	1.9	2.2	3.2	3.7	3.5	3.5	2.1	1.1
88°	0.7	0.8	0.8	0.8	0.8	1.0	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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6631.8	6631.8	6631.8
1°	6632.9	6632.1	6630.2
2°	6631.8	6631.3	6628.7
3°	6631.6	6629.0	6624.5
4°	6627.2	6622.6	6614.7
5°	6617.1	6611.5	6602.1
6°	6604.8	6597.0	6585.0
7°	6585.5	6576.8	6563.0
8°	6564.7	6557.6	6545.2
9°	6545.8	6534.8	6522.3
10°	6520.5	6515.0	6494.7
11°	6492.4	6482.5	6462.6
12°	6458.5	6444.8	6422.0
13°	6418.6	6403.6	6376.5
14°	6371.2	6355.3	6326.2
15°	6320.2	6301.5	6266.9
16°	6258.2	6235.1	6196.2
17°	6188.1	6160.6	6114.6
18°	6111.4	6075.0	6027.2
19°	6024.5	5984.5	5931.2
20°	5926.5	5885.3	5830.8
21°	5821.7	5784.8	5728.5
22°	5708.1	5675.5	5621.9
23°	5583.2	5559.8	5507.2
24°	5452.6	5440.7	5392.6
25°	5323.5	5317.8	5285.7
26°	5190.4	5207.8	5188.6
27°	5061.6	5106.4	5097.0
28°	4932.8	5006.7	5007.9
29°	4813.1	4910.4	4927.7
30°	4688.5	4815.5	4853.3
31°	4567.6	4722.5	4775.6
32°	4454.9	4635.4	4700.3
33°	4342.2	4549.9	4630.4
34°	4230.6	4467.0	4560.8
35°	4114.2	4385.2	4489.2
36°	4005.8	4308.6	4416.9
37°	3900.1	4225.5	4338.9
38°	3782.0	4134.9	4251.2
39°	3652.1	4024.4	4144.8
40°	3512.0	3889.0	4013.6
41°	3361.5	3739.9	3872.5
42°	3194.1	3580.5	3705.7
43°	3026.6	3409.1	3521.1
44°	2855.5	3226.5	3328.1

REPORT NUMBER: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2676.8	3024.3	3110.1
46°	2496.9	2818.7	2887.4
47°	2315.4	2616.1	2669.4
48°	2136.5	2417.4	2461.9
49°	1950.8	2203.0	2243.1
50°	1732.6	1982.4	2038.7
51°	1502.9	1735.0	1882.0
52°	1302.2	1556.7	1700.0
53°	1184.1	1377.3	1453.6
54°	1069.8	1231.1	1323.5
55°	992.8	1132.1	1207.6
56°	916.3	1030.8	1066.9
57°	839.7	929.4	938.4
58°	763.2	828.1	810.1
59°	693.2	749.6	720.0
60°	627.1	662.2	634.9
61°	571.4	584.7	555.8
62°	516.0	526.2	488.2
63°	460.7	471.4	433.4
64°	411.9	420.5	379.6
65°	369.0	374.8	335.8
66°	324.5	334.2	300.1
67°	282.5	300.0	268.8
68°	248.4	267.5	240.9
69°	218.3	237.7	214.5
70°	193.4	209.2	190.4
71°	169.9	184.5	168.6
72°	149.5	162.6	148.4
73°	130.9	140.7	128.9
74°	113.2	120.9	112.0
75°	98.3	104.7	97.2
76°	83.4	88.6	82.4
77°	68.4	72.5	67.6
78°	56.8	58.7	54.8
79°	47.0	46.3	42.2
80°	37.6	35.9	32.0
81°	28.6	26.9	24.0
82°	21.4	19.6	17.8
83°	15.3	14.4	12.7
84°	10.9	10.1	8.2
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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440333

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)