

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: P1440329

Luminaire Tested: XSF100-SFTR-6Hx6V-830-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440329
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-830-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10310.3 lumens
Efficiency: N/A
Efficacy: 156.2 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

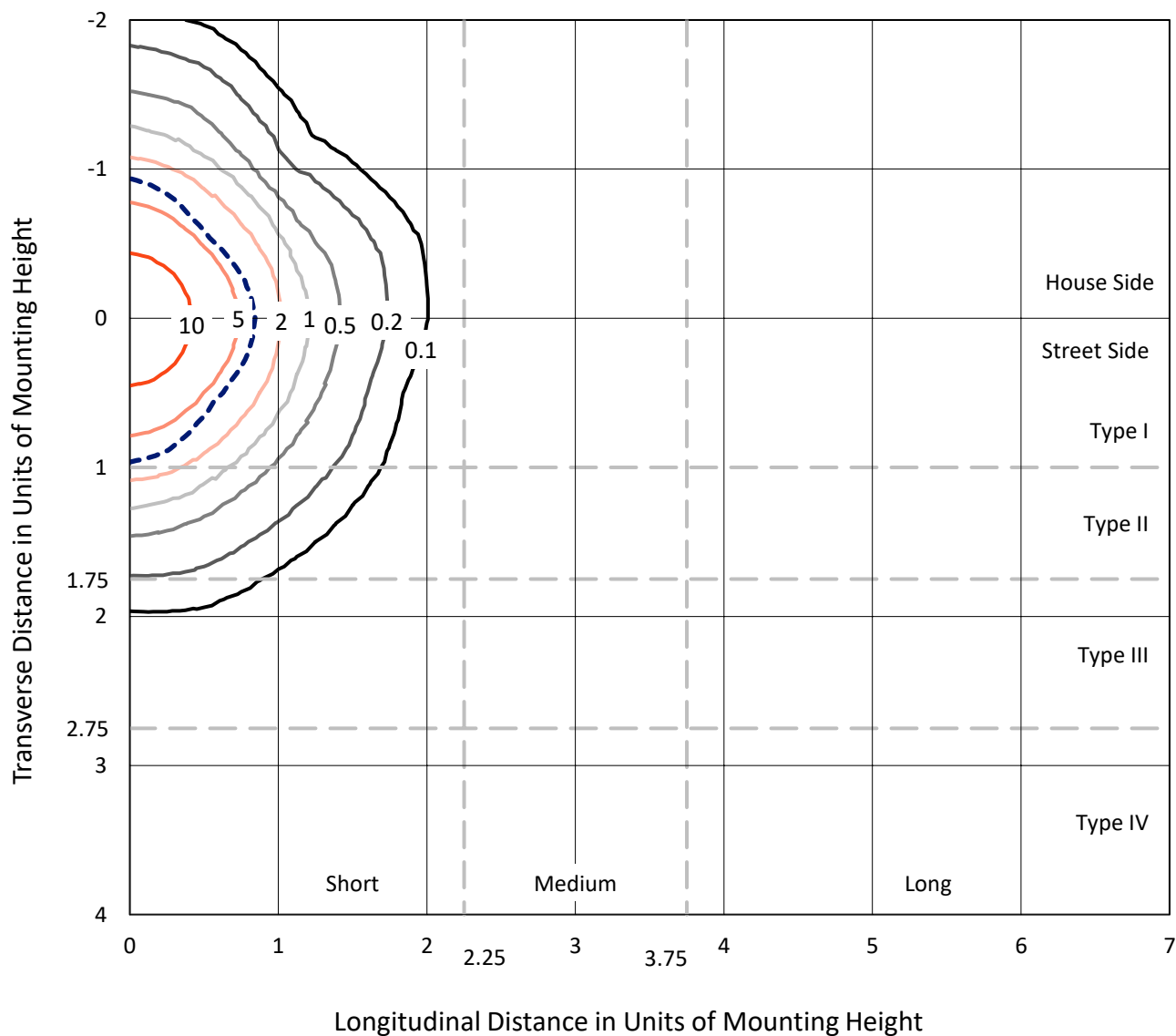
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



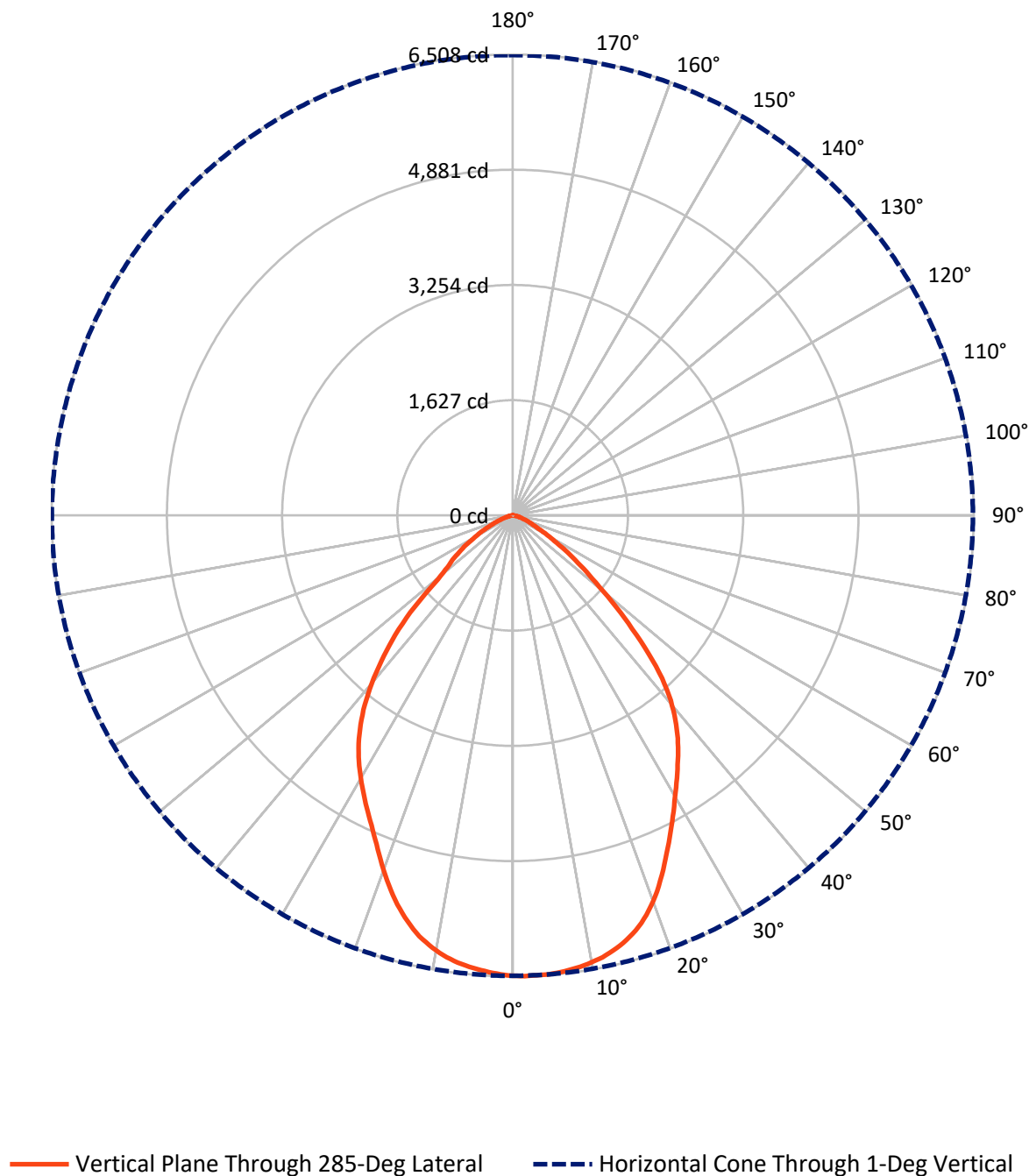
Based on 20 foot mounting height. Maximum calculated value = 16.3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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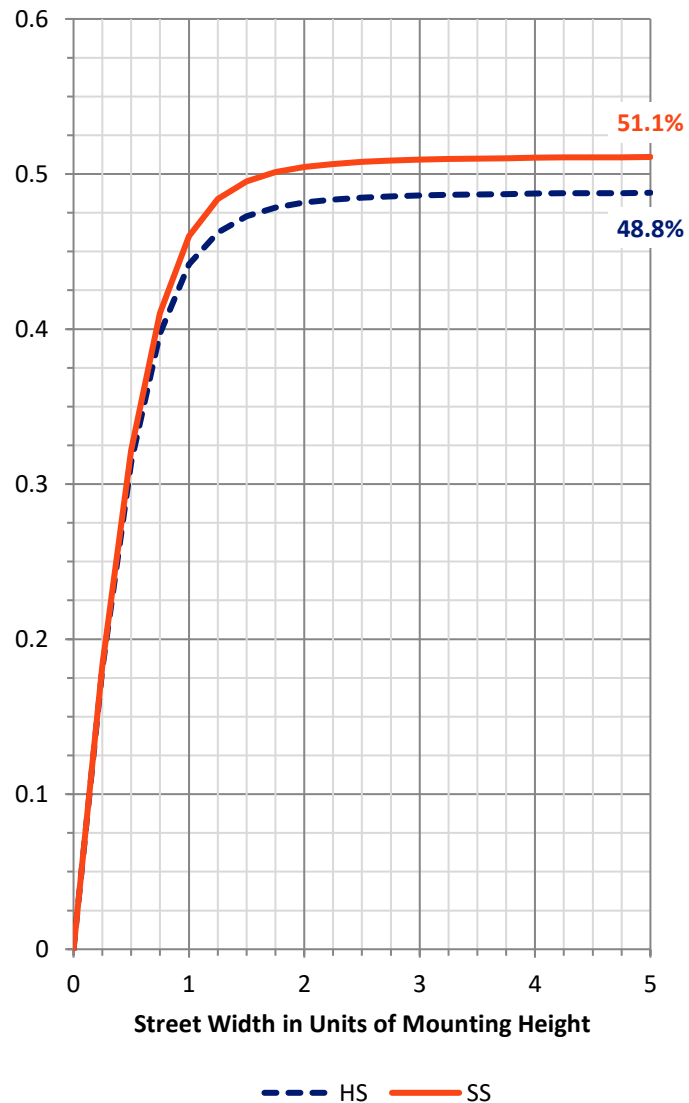
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5062.0	0.0	5062.0
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	5248.3	0.0	5248.3
	% Fixture	50.9	0.0	50.9
Total	Lumens	10310.3	0.0	10310.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	612.7	5.9
10°-20°	1699.3	16.5
20°-30°	2297.0	22.3
30°-40°	2445.3	23.7
40°-50°	1905.0	18.5
50°-60°	876.9	8.5
60°-70°	351.8	3.4
70°-80°	109.3	1.1
80°-90°	13.0	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°	10310.3	100.0
0°-180°	10310.3	100.0

Coefficient of Utilization



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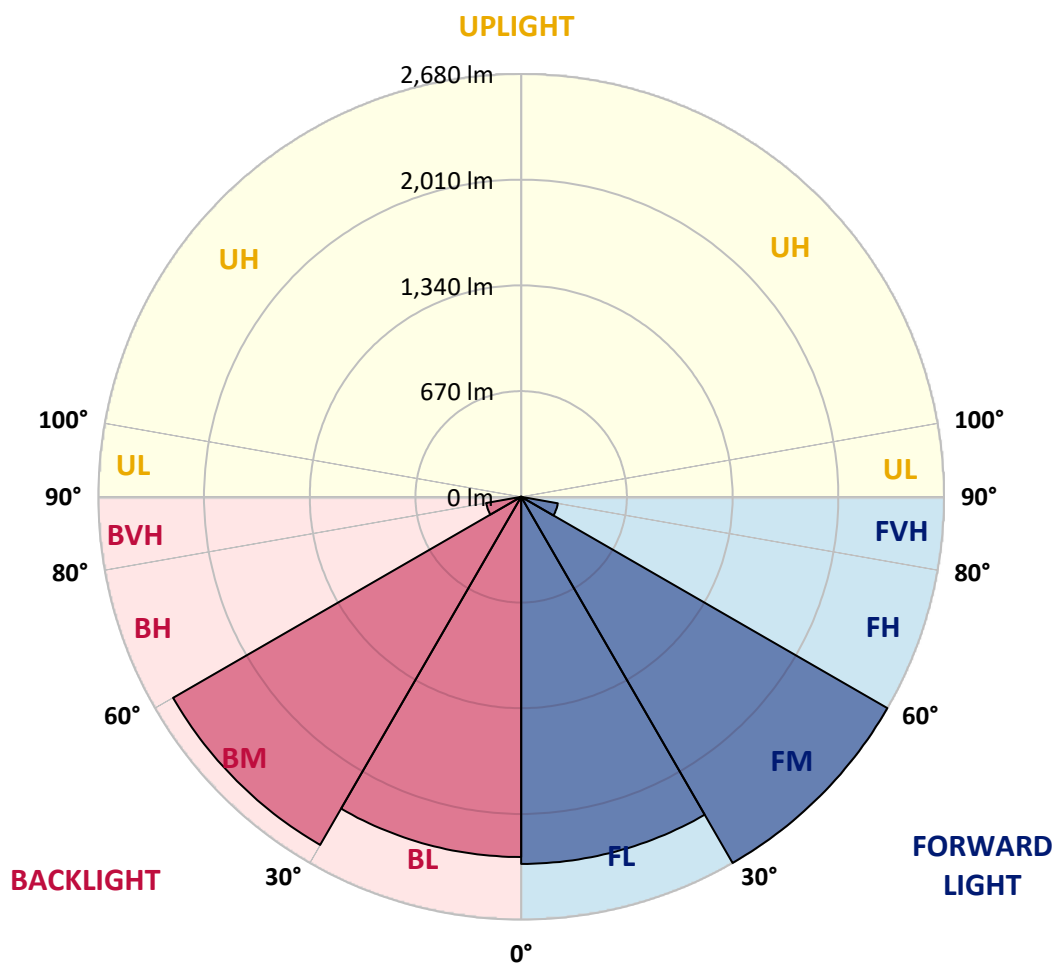
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2326.4	22.6			
FM	(30°-60°)	2679.7	26.0			
FH	(60°-80°)	236.0	2.3			G0/660
FVH	(80°-90°)	6.3	0.1			G0/10
BL	(0°-30°)	2282.5	22.1	B3/2500		
BM	(30°-60°)	2547.6	24.7	B3/5000		
BH	(60°-80°)	225.1	2.2	B1/500		G0/660
BVH	(80°-90°)	6.7	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°	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7
1°	6500.2	6499.8	6499.0	6498.4	6494.6	6494.9	6495.8	6494.8	6496.6	6496.0	6497.8
2°	6498.7	6495.7	6492.0	6491.3	6489.7	6485.4	6484.1	6480.6	6483.3	6486.8	6488.6
3°	6494.6	6490.1	6485.3	6480.5	6475.4	6471.9	6465.8	6467.1	6469.0	6473.2	6476.4
4°	6485.0	6478.4	6471.6	6465.9	6459.1	6452.8	6449.0	6445.6	6449.8	6454.4	6457.4
5°	6472.6	6462.9	6456.5	6445.2	6436.7	6430.8	6425.5	6424.1	6425.6	6429.5	6436.4
6°	6455.9	6445.3	6431.6	6422.0	6412.5	6406.2	6401.8	6401.7	6400.3	6403.4	6414.1
7°	6434.3	6423.6	6410.5	6396.7	6385.8	6378.3	6377.6	6375.4	6375.2	6378.4	6388.9
8°	6416.9	6401.5	6384.7	6370.7	6355.8	6347.0	6345.8	6344.1	6346.3	6351.3	6361.9
9°	6394.5	6375.1	6357.1	6341.4	6322.6	6312.7	6306.2	6306.0	6308.2	6315.2	6330.7
10°	6367.4	6346.6	6325.0	6304.9	6284.7	6271.3	6260.9	6261.8	6268.2	6275.4	6289.1
11°	6335.9	6310.4	6285.1	6261.9	6242.1	6224.9	6211.2	6209.6	6217.4	6230.3	6245.5
12°	6296.0	6268.7	6241.5	6213.5	6192.2	6170.1	6154.4	6149.6	6161.0	6175.9	6195.1
13°	6251.5	6222.6	6192.6	6160.7	6132.0	6107.9	6088.1	6088.0	6097.3	6114.9	6135.2
14°	6202.2	6168.4	6134.6	6100.5	6067.9	6037.5	6011.1	6009.4	6021.7	6044.7	6064.1
15°	6144.0	6106.5	6069.5	6033.5	5994.4	5956.4	5925.2	5921.0	5937.3	5965.7	5984.6
16°	6074.7	6032.5	5992.3	5956.8	5910.0	5868.3	5831.7	5828.4	5844.9	5873.8	5895.0
17°	5994.7	5953.6	5906.5	5869.4	5814.7	5769.2	5730.5	5728.6	5744.0	5772.2	5797.8
18°	5909.1	5863.2	5815.6	5769.1	5709.4	5665.2	5620.7	5619.7	5636.2	5663.1	5691.3
19°	5814.9	5764.5	5718.3	5663.1	5600.5	5553.2	5508.5	5505.9	5519.4	5547.3	5580.1
20°	5716.5	5665.5	5610.8	5545.0	5482.8	5434.5	5394.1	5386.8	5396.7	5422.0	5463.0
21°	5616.1	5559.8	5502.5	5423.7	5357.9	5314.5	5279.3	5266.5	5264.1	5291.7	5332.2
22°	5511.7	5446.8	5378.8	5293.0	5225.5	5193.2	5161.3	5142.4	5133.1	5159.1	5202.1
23°	5399.3	5326.7	5248.4	5156.1	5091.4	5074.0	5050.9	5024.4	4999.1	5015.2	5064.2
24°	5286.8	5211.1	5118.4	5019.0	4959.8	4960.6	4950.1	4913.5	4871.3	4873.3	4937.9
25°	5182.0	5104.4	4994.5	4885.0	4831.8	4854.2	4858.3	4806.9	4744.3	4733.9	4814.0
26°	5086.9	5003.4	4872.8	4751.7	4705.4	4752.6	4769.0	4708.4	4623.7	4605.4	4691.8
27°	4997.1	4906.8	4755.8	4620.4	4586.1	4654.8	4680.4	4613.3	4509.0	4474.7	4571.5
28°	4909.7	4810.2	4637.7	4493.4	4472.0	4559.0	4593.8	4520.5	4394.0	4349.3	4456.8
29°	4831.1	4716.9	4527.8	4371.2	4357.7	4465.2	4509.0	4427.0	4283.2	4225.8	4342.4
30°	4758.1	4628.2	4416.5	4249.4	4242.9	4372.3	4425.6	4334.6	4174.9	4105.3	4230.3
31°	4682.0	4539.4	4306.8	4131.4	4134.0	4279.0	4338.0	4240.2	4073.3	3992.9	4122.9
32°	4608.2	4454.9	4199.1	4019.1	4026.4	4187.1	4247.0	4144.6	3973.6	3880.8	4018.9
33°	4539.7	4374.9	4092.8	3906.2	3921.7	4087.7	4152.7	4045.7	3872.5	3772.1	3916.2
34°	4471.4	4297.0	3991.6	3794.7	3812.5	3988.0	4052.2	3941.2	3769.1	3662.4	3813.2
35°	4401.1	4219.4	3889.1	3679.0	3699.3	3879.5	3945.2	3828.4	3655.8	3550.1	3707.0
36°	4330.3	4138.2	3787.2	3558.0	3588.5	3765.7	3826.3	3711.2	3530.9	3430.0	3594.4
37°	4253.8	4048.9	3681.3	3439.3	3474.1	3649.1	3701.9	3588.8	3399.0	3295.7	3472.2
38°	4167.8	3943.7	3574.3	3326.0	3356.6	3521.1	3571.4	3458.6	3257.0	3151.3	3338.2
39°	4063.6	3825.3	3457.6	3204.2	3230.5	3385.7	3433.0	3316.8	3111.8	3003.9	3200.1
40°	3934.9	3697.0	3323.1	3072.2	3094.3	3234.1	3286.6	3168.0	2963.1	2855.5	3049.4
41°	3796.6	3555.9	3172.8	2930.0	2950.0	3073.6	3121.9	3017.9	2807.5	2704.0	2891.4
42°	3633.0	3398.4	3012.1	2779.2	2794.0	2896.4	2944.1	2851.2	2640.3	2546.2	2725.8
43°	3452.1	3227.2	2846.8	2620.6	2636.3	2710.0	2764.8	2689.4	2470.6	2380.3	2559.8
44°	3262.8	3038.2	2679.4	2459.6	2473.4	2527.5	2589.3	2523.4	2308.3	2234.4	2404.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3049.1	2844.7	2505.9	2297.8	2314.4	2356.5	2419.0	2367.7	2145.9	2088.4	2260.6
46°	2830.7	2650.8	2332.6	2142.1	2160.3	2187.9	2234.2	2179.4	1982.5	1942.4	2116.5
47°	2617.1	2463.1	2161.3	1989.7	1986.7	1996.6	2049.4	1990.5	1769.1	1789.9	1970.9
48°	2413.7	2279.0	1980.5	1812.4	1801.8	1818.0	1864.7	1779.2	1559.0	1600.7	1775.5
49°	2199.1	2076.1	1767.5	1617.2	1619.8	1645.4	1689.4	1566.4	1371.0	1411.0	1558.9
50°	1998.7	1861.1	1552.3	1407.5	1449.2	1476.1	1540.9	1387.9	1171.1	1171.4	1365.0
51°	1845.1	1636.7	1373.3	1233.8	1302.0	1350.0	1424.5	1267.1	1023.0	983.6	1178.3
52°	1666.7	1429.4	1232.9	1107.9	1173.1	1237.1	1319.9	1176.8	918.5	835.1	1052.1
53°	1425.1	1300.2	1098.5	1035.8	1056.3	1117.7	1225.6	1106.3	829.8	720.1	978.2
54°	1297.5	1202.0	1010.8	964.3	974.5	1017.6	1116.3	1052.6	757.0	609.6	897.3
55°	1183.9	1066.8	923.8	892.7	892.7	917.6	1022.7	983.1	690.4	516.5	801.8
56°	1046.0	966.6	836.8	811.4	811.0	817.6	941.2	914.3	628.7	440.5	701.9
57°	920.0	867.5	757.1	743.7	763.4	747.9	857.2	844.9	581.7	395.9	621.4
58°	794.2	768.4	688.0	679.9	694.3	665.6	775.7	796.0	534.9	365.1	549.8
59°	705.9	705.1	629.4	617.1	640.4	597.0	702.8	718.1	474.5	339.2	493.7
60°	622.4	663.0	576.2	559.5	584.1	511.6	644.2	640.6	430.7	315.3	445.3
61°	544.9	600.4	516.9	509.0	524.2	440.1	578.4	590.9	405.9	294.6	401.8
62°	478.6	528.4	463.8	461.6	468.8	402.9	520.4	544.1	372.0	276.1	364.0
63°	424.9	465.0	416.2	417.7	423.4	371.1	475.2	495.6	338.1	258.7	331.4
64°	372.1	419.3	377.1	380.3	384.9	334.1	427.0	440.6	307.2	242.0	302.3
65°	329.2	374.3	343.8	347.3	347.7	300.8	381.4	391.2	279.2	225.2	274.1
66°	294.2	333.6	310.5	315.9	313.8	272.3	337.2	345.1	254.3	208.7	249.7
67°	263.6	297.2	279.4	285.6	281.3	247.1	295.7	302.4	229.5	192.7	225.2
68°	236.1	262.6	250.2	254.8	249.9	223.5	262.3	269.3	204.7	177.8	200.8
69°	210.3	230.2	221.6	224.7	220.9	200.5	228.8	236.2	185.7	163.2	179.7
70°	186.6	201.0	193.9	197.5	195.6	179.3	195.6	203.5	168.7	149.6	161.4
71°	165.3	176.2	169.6	172.4	172.8	160.4	172.7	181.0	153.0	136.4	143.3
72°	145.5	154.3	147.7	152.0	152.2	143.2	152.3	160.0	137.6	123.2	126.7
73°	126.4	133.6	127.7	133.4	134.1	126.9	133.7	140.0	122.8	110.2	111.3
74°	109.8	115.3	109.9	117.0	116.9	112.0	116.2	122.0	108.7	97.9	97.3
75°	95.3	99.5	94.8	102.0	102.3	98.1	100.1	104.4	95.1	85.8	83.4
76°	80.8	83.7	79.6	86.7	87.3	84.3	85.1	88.6	82.2	74.7	70.1
77°	66.3	68.0	64.5	71.4	72.2	70.4	72.3	75.3	70.5	64.1	58.9
78°	53.7	54.1	53.1	58.9	60.9	59.7	61.3	63.4	59.6	53.3	49.0
79°	41.4	42.7	43.3	48.5	50.4	49.4	50.8	52.4	49.7	44.0	40.7
80°	31.4	32.9	34.2	39.4	40.3	40.2	40.5	43.0	40.7	36.2	33.4
81°	23.5	24.7	25.9	31.7	33.1	33.1	33.0	34.9	32.3	29.4	27.1
82°	17.5	19.4	20.4	24.1	25.7	26.5	26.7	28.0	25.7	22.6	20.8
83°	12.4	13.5	13.8	16.7	18.1	19.5	20.4	21.0	19.2	15.8	14.5
84°	8.0	9.4	9.7	10.1	12.1	13.4	14.1	14.2	12.7	10.8	9.9
85°	3.6	5.3	5.7	6.3	7.7	9.5	9.1	9.1	8.2	6.8	6.2
86°	1.2	1.3	1.6	2.5	3.5	5.7	5.0	5.0	4.4	3.6	3.4
87°	0.4	0.4	0.5	0.7	1.1	1.8	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	0.5	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: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

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



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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: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7	6501.7
1°	6499.0	6499.7	6501.6	6502.7	6502.4	6504.3	6502.4	6505.0	6507.7	6503.9	6503.9
2°	6493.7	6493.9	6495.9	6498.1	6500.9	6502.0	6502.8	6505.1	6503.2	6503.2	6502.5
3°	6481.1	6483.7	6487.8	6493.9	6497.9	6497.5	6502.4	6505.8	6500.5	6501.4	6500.2
4°	6462.9	6467.9	6472.9	6481.7	6487.4	6490.9	6495.3	6497.0	6498.3	6495.7	6498.3
5°	6442.6	6451.3	6460.6	6467.2	6475.0	6480.9	6486.9	6493.4	6490.9	6491.2	6493.1
6°	6422.8	6431.2	6441.0	6449.0	6460.2	6466.3	6472.4	6476.1	6477.2	6481.5	6483.3
7°	6399.9	6412.1	6423.5	6430.6	6440.1	6446.4	6452.7	6458.4	6460.9	6463.3	6465.8
8°	6374.9	6388.1	6399.4	6409.0	6420.2	6425.9	6431.3	6438.7	6442.4	6445.9	6443.3
9°	6342.3	6357.6	6371.7	6382.0	6394.5	6401.3	6406.4	6414.5	6420.5	6421.7	6419.0
10°	6304.5	6320.4	6336.2	6349.3	6364.9	6372.0	6380.1	6389.8	6392.7	6396.8	6396.5
11°	6260.4	6274.8	6290.4	6309.9	6329.2	6341.2	6349.9	6360.2	6366.4	6367.5	6370.3
12°	6210.6	6223.0	6244.1	6263.9	6282.5	6302.6	6314.2	6320.6	6326.3	6333.3	6336.9
13°	6148.8	6166.4	6187.8	6213.7	6233.8	6256.4	6264.8	6274.6	6282.8	6291.9	6297.4
14°	6078.8	6100.8	6122.5	6153.5	6179.4	6196.8	6210.9	6222.5	6234.0	6247.1	6254.7
15°	5999.8	6022.8	6048.5	6085.1	6117.6	6136.4	6146.4	6161.9	6175.3	6192.9	6203.4
16°	5913.9	5936.4	5966.3	6005.6	6042.9	6060.9	6074.7	6091.6	6111.4	6133.0	6142.3
17°	5818.5	5843.6	5876.5	5919.0	5958.0	5974.2	5992.4	6010.6	6034.9	6061.2	6076.9
18°	5715.9	5746.7	5783.3	5825.3	5860.8	5879.5	5895.1	5918.0	5946.9	5983.6	5999.9
19°	5608.6	5644.1	5683.1	5724.5	5754.5	5772.6	5787.9	5814.8	5848.8	5890.7	5911.1
20°	5492.1	5529.0	5572.5	5615.4	5637.3	5653.7	5671.8	5701.7	5742.1	5787.8	5815.3
21°	5368.1	5407.4	5450.7	5496.9	5515.4	5525.4	5543.3	5582.9	5625.7	5673.6	5708.0
22°	5251.5	5300.3	5338.1	5369.4	5380.6	5385.0	5413.4	5455.0	5497.9	5550.3	5591.5
23°	5137.5	5202.7	5237.5	5246.8	5240.3	5239.0	5274.4	5325.9	5371.0	5417.8	5464.2
24°	5031.9	5112.4	5143.6	5130.4	5093.0	5087.6	5134.4	5197.7	5242.7	5279.8	5325.1
25°	4940.5	5032.7	5053.5	5012.6	4947.2	4938.8	4993.4	5065.7	5117.4	5139.8	5184.4
26°	4849.0	4955.4	4969.8	4896.8	4802.3	4795.8	4858.8	4945.7	4993.7	5002.3	5045.0
27°	4758.2	4883.5	4885.5	4784.3	4662.4	4654.8	4733.5	4827.2	4873.0	4867.2	4901.8
28°	4666.9	4812.8	4803.2	4672.2	4531.5	4521.0	4614.1	4721.0	4757.3	4733.9	4756.3
29°	4580.1	4741.4	4720.6	4560.9	4402.9	4389.9	4497.2	4614.8	4640.8	4605.6	4618.5
30°	4498.7	4670.0	4639.2	4447.2	4274.8	4264.1	4388.0	4509.9	4531.4	4478.6	4478.5
31°	4415.7	4598.3	4558.5	4335.4	4150.6	4142.7	4281.2	4410.9	4427.1	4353.7	4345.2
32°	4335.0	4527.2	4480.8	4224.9	4030.3	4027.6	4176.4	4312.6	4324.1	4229.3	4214.5
33°	4253.0	4457.2	4399.1	4117.3	3914.6	3920.0	4072.5	4218.9	4219.9	4105.5	4090.0
34°	4168.7	4390.3	4313.7	4012.6	3800.8	3813.9	3971.8	4123.6	4121.9	3984.2	3964.9
35°	4080.8	4322.8	4226.2	3905.1	3687.8	3705.9	3866.8	4024.9	4021.3	3862.0	3841.3
36°	3988.2	4246.5	4131.5	3790.7	3573.1	3597.4	3759.0	3925.4	3916.3	3741.6	3719.6
37°	3885.3	4154.7	4027.3	3676.6	3455.2	3483.4	3653.0	3823.9	3805.8	3622.3	3599.5
38°	3765.8	4045.4	3911.6	3552.5	3331.9	3362.6	3544.1	3716.7	3688.7	3498.5	3480.0
39°	3630.9	3921.6	3780.2	3417.3	3202.7	3232.9	3427.4	3603.5	3566.3	3370.7	3354.4
40°	3479.5	3779.3	3631.3	3270.6	3061.1	3094.3	3297.7	3475.0	3434.3	3239.6	3227.9
41°	3316.9	3622.6	3461.9	3114.1	2912.4	2949.0	3155.6	3327.5	3284.8	3098.2	3092.1
42°	3140.8	3449.2	3274.6	2941.5	2756.6	2796.5	3001.7	3165.5	3119.7	2949.7	2945.0
43°	2959.8	3262.5	3079.2	2757.4	2592.6	2639.2	2836.3	2987.2	2936.7	2793.6	2783.5
44°	2787.0	3081.2	2886.1	2570.5	2417.3	2472.0	2667.8	2802.0	2738.5	2624.9	2619.2

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2614.2	2901.2	2692.1	2386.7	2256.3	2300.7	2492.3	2615.9	2534.6	2449.6	2453.2
46°	2452.2	2729.9	2514.3	2218.8	2095.2	2129.5	2324.0	2434.0	2325.8	2268.8	2288.9
47°	2262.5	2527.8	2315.8	2051.1	1934.2	1958.2	2155.6	2269.3	2144.1	2093.5	2130.6
48°	2072.7	2360.5	2117.3	1881.7	1761.6	1771.6	1986.6	2087.0	1955.5	1930.5	1977.0
49°	1883.1	2193.3	1919.7	1655.5	1534.7	1544.6	1776.9	1903.0	1761.9	1755.8	1790.8
50°	1721.8	2026.1	1762.0	1461.7	1295.7	1342.5	1557.0	1707.6	1583.2	1571.6	1579.8
51°	1574.9	1863.7	1651.6	1302.6	1080.5	1170.5	1364.3	1530.2	1438.3	1385.6	1366.1
52°	1462.0	1699.4	1519.6	1132.5	887.2	989.6	1217.5	1394.4	1314.7	1221.6	1189.2
53°	1399.4	1611.2	1454.4	1053.4	781.3	875.0	1127.1	1299.0	1198.2	1092.5	1068.7
54°	1316.1	1525.9	1381.6	963.0	672.3	794.8	1065.7	1183.4	1082.6	1010.9	989.2
55°	1228.3	1415.0	1260.7	861.6	565.1	724.0	1018.8	1078.4	982.8	929.4	910.8
56°	1100.6	1287.6	1130.4	766.5	478.5	666.0	965.9	991.2	883.4	847.8	832.3
57°	980.3	1150.7	1013.6	676.2	423.5	621.7	894.5	904.3	784.0	791.8	762.1
58°	894.8	1036.4	909.5	596.5	389.7	581.4	825.5	817.3	684.1	711.7	701.5
59°	802.3	944.6	814.9	536.1	360.4	522.3	782.1	749.8	634.6	643.8	644.7
60°	702.9	843.7	719.3	494.2	335.4	462.9	708.5	681.7	564.9	604.9	591.7
61°	623.4	740.3	633.7	439.1	312.9	418.9	628.0	607.1	483.7	549.4	540.7
62°	554.7	649.2	552.8	386.6	292.6	387.3	568.3	553.7	428.1	493.1	493.5
63°	489.4	566.8	488.4	344.4	274.0	354.5	522.7	508.0	380.4	437.9	450.1
64°	442.3	497.6	433.5	309.8	256.6	324.8	469.1	457.7	339.6	394.0	407.4
65°	396.0	435.3	386.9	279.5	239.1	295.5	418.6	409.7	308.0	358.0	368.3
66°	352.0	383.7	343.2	255.0	221.6	270.4	373.0	364.8	279.8	324.4	333.8
67°	311.9	335.0	305.9	230.5	205.2	245.3	330.2	323.5	255.3	292.3	301.5
68°	275.4	290.5	271.9	206.1	188.8	220.2	291.7	284.6	231.8	261.7	269.0
69°	238.8	252.1	238.0	185.3	174.0	200.4	260.7	249.4	209.5	232.7	236.9
70°	202.4	214.2	204.1	165.9	159.9	181.2	229.8	217.2	188.3	205.6	206.9
71°	173.8	185.7	177.3	147.4	146.2	163.3	198.9	190.1	167.9	180.2	180.6
72°	148.8	159.7	153.8	131.1	132.5	147.1	175.9	166.9	150.2	158.5	158.1
73°	127.3	135.6	132.5	115.8	118.7	132.2	155.3	145.9	133.7	139.4	138.9
74°	107.2	114.2	112.9	101.7	105.6	117.7	135.7	127.1	118.5	122.3	121.5
75°	89.9	95.8	94.6	88.0	92.8	103.5	117.1	109.9	103.2	106.3	105.5
76°	75.2	79.8	79.2	74.6	81.1	90.1	99.0	95.5	89.8	92.6	91.0
77°	62.7	66.4	66.3	62.7	69.7	77.0	83.5	81.1	76.4	79.0	76.6
78°	51.7	55.0	54.8	52.7	58.7	65.0	70.4	66.7	64.5	65.3	62.2
79°	42.2	44.7	44.7	44.1	48.8	54.9	59.1	56.2	54.7	54.9	51.9
80°	33.9	35.8	36.0	36.1	40.3	45.6	48.8	45.2	45.0	44.8	42.6
81°	27.6	29.3	29.4	29.6	32.7	36.8	39.8	36.0	35.9	35.9	34.3
82°	21.4	22.8	22.7	23.1	26.3	29.6	31.6	29.1	28.9	28.3	26.2
83°	15.1	16.4	16.1	16.6	19.9	22.4	24.8	22.6	21.8	21.0	18.6
84°	10.3	11.2	11.1	11.5	13.5	15.2	18.0	16.6	15.7	14.5	11.9
85°	6.5	7.0	7.0	7.3	8.8	10.3	11.3	11.1	10.3	10.4	7.7
86°	3.2	3.6	3.8	4.1	4.8	6.3	6.8	7.3	6.8	6.2	3.4
87°	1.4	1.5	1.6	1.8	2.1	3.1	3.6	3.4	3.5	2.1	1.1
88°	0.7	0.7	0.8	0.8	0.8	1.0	1.0	0.9	1.0	0.6	0.3
89°	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440329
CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6501.7	6501.7	6501.7
1°	6502.8	6502.1	6500.2
2°	6501.7	6501.3	6498.7
3°	6501.6	6499.0	6494.6
4°	6497.2	6492.8	6485.0
5°	6487.4	6481.9	6472.6
6°	6475.3	6467.7	6455.9
7°	6456.4	6447.9	6434.3
8°	6436.0	6429.1	6416.9
9°	6417.4	6406.7	6394.5
10°	6392.7	6387.3	6367.4
11°	6365.1	6355.4	6335.9
12°	6331.9	6318.4	6296.0
13°	6292.8	6278.0	6251.5
14°	6246.3	6230.6	6202.2
15°	6196.3	6177.9	6144.0
16°	6135.5	6112.9	6074.7
17°	6066.7	6039.8	5994.7
18°	5991.6	5955.9	5909.1
19°	5906.4	5867.2	5814.9
20°	5810.3	5769.9	5716.5
21°	5707.5	5671.3	5616.1
22°	5596.2	5564.2	5511.7
23°	5473.7	5450.8	5399.3
24°	5345.7	5334.0	5286.8
25°	5219.1	5213.5	5182.0
26°	5088.6	5105.7	5086.9
27°	4962.3	5006.2	4997.1
28°	4836.0	4908.5	4909.7
29°	4718.7	4814.1	4831.1
30°	4596.5	4721.0	4758.1
31°	4478.1	4629.9	4682.0
32°	4367.6	4544.5	4608.2
33°	4257.0	4460.7	4539.7
34°	4147.6	4379.4	4471.4
35°	4033.5	4299.3	4401.1
36°	3927.3	4224.1	4330.3
37°	3823.6	4142.6	4253.8
38°	3707.8	4053.8	4167.8
39°	3580.5	3945.5	4063.6
40°	3443.1	3812.7	3934.9
41°	3295.5	3666.6	3796.6
42°	3131.5	3510.3	3633.0
43°	2967.2	3342.2	3452.1
44°	2799.5	3163.2	3262.8

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2624.3	2965.0	3049.1
46°	2447.9	2763.5	2830.7
47°	2270.0	2564.8	2617.1
48°	2094.6	2370.0	2413.7
49°	1912.6	2159.8	2199.1
50°	1698.6	1943.5	1998.7
51°	1473.4	1701.0	1845.1
52°	1276.7	1526.2	1666.7
53°	1160.9	1350.3	1425.1
54°	1048.8	1206.9	1297.5
55°	973.3	1109.9	1183.9
56°	898.3	1010.6	1046.0
57°	823.2	911.2	920.0
58°	748.2	811.8	794.2
59°	679.6	734.9	705.9
60°	614.8	649.2	622.4
61°	560.2	573.2	544.9
62°	505.9	515.9	478.6
63°	451.6	462.1	424.9
64°	403.8	412.3	372.1
65°	361.8	367.5	329.2
66°	318.2	327.7	294.2
67°	277.0	294.1	263.6
68°	243.5	262.3	236.1
69°	214.0	233.0	210.3
70°	189.6	205.1	186.6
71°	166.6	180.9	165.3
72°	146.6	159.4	145.5
73°	128.3	137.9	126.4
74°	111.0	118.5	109.8
75°	96.4	102.6	95.3
76°	81.7	86.8	80.8
77°	67.1	71.0	66.3
78°	55.7	57.6	53.7
79°	46.1	45.4	41.4
80°	36.8	35.2	31.4
81°	28.1	26.3	23.5
82°	21.0	19.2	17.5
83°	15.0	14.1	12.4
84°	10.7	9.9	8.0
85°	6.4	5.6	3.6
86°	2.2	1.4	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: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440329

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)