

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: P1440308

Luminaire Tested: XSF100-SFTR-4Hx4V-840-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440308
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-4Hx4V-840-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 4 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13618.2 lumens
Efficiency: N/A
Efficacy: 158.4 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G1

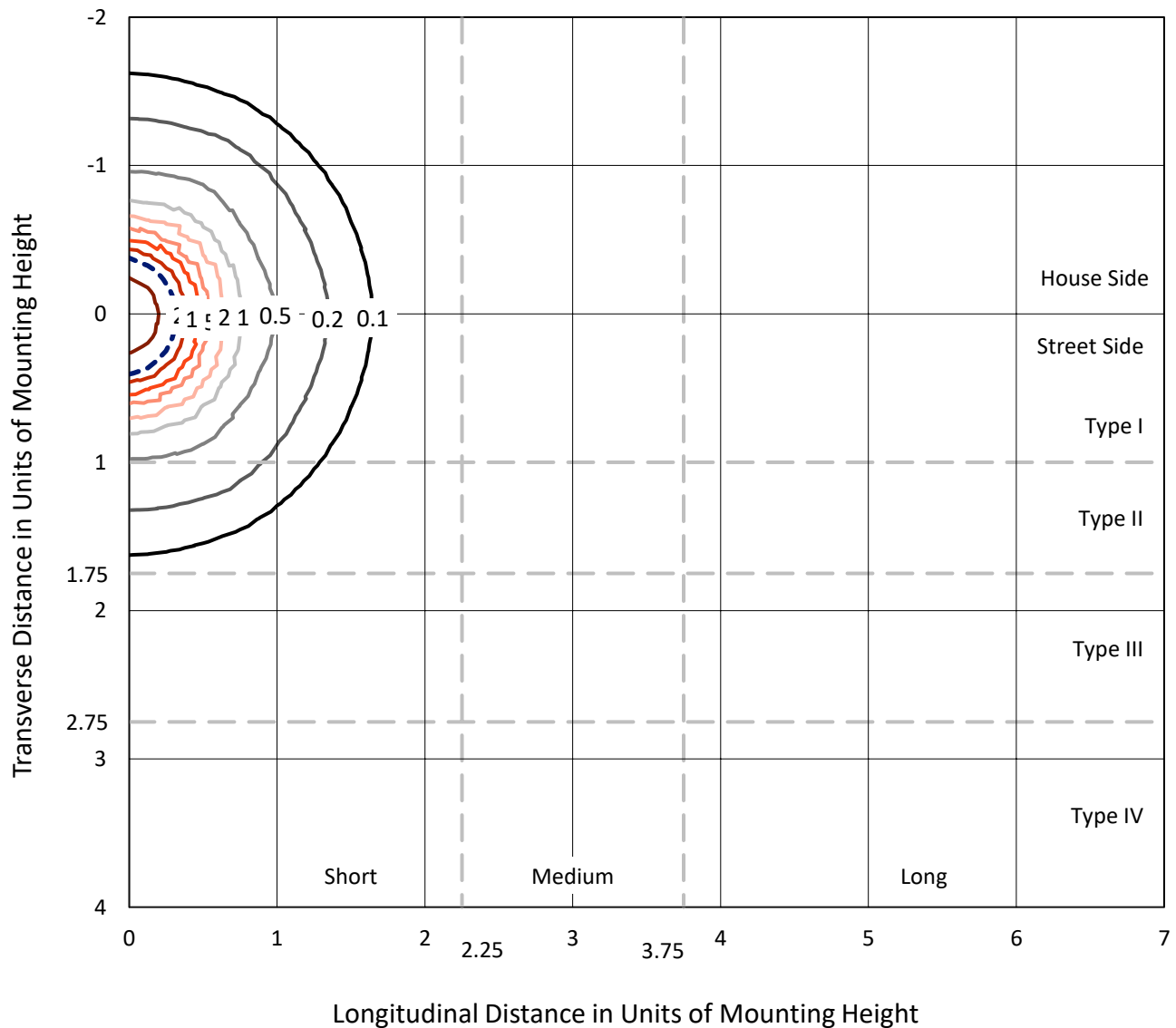
Input Watts (W): 86
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

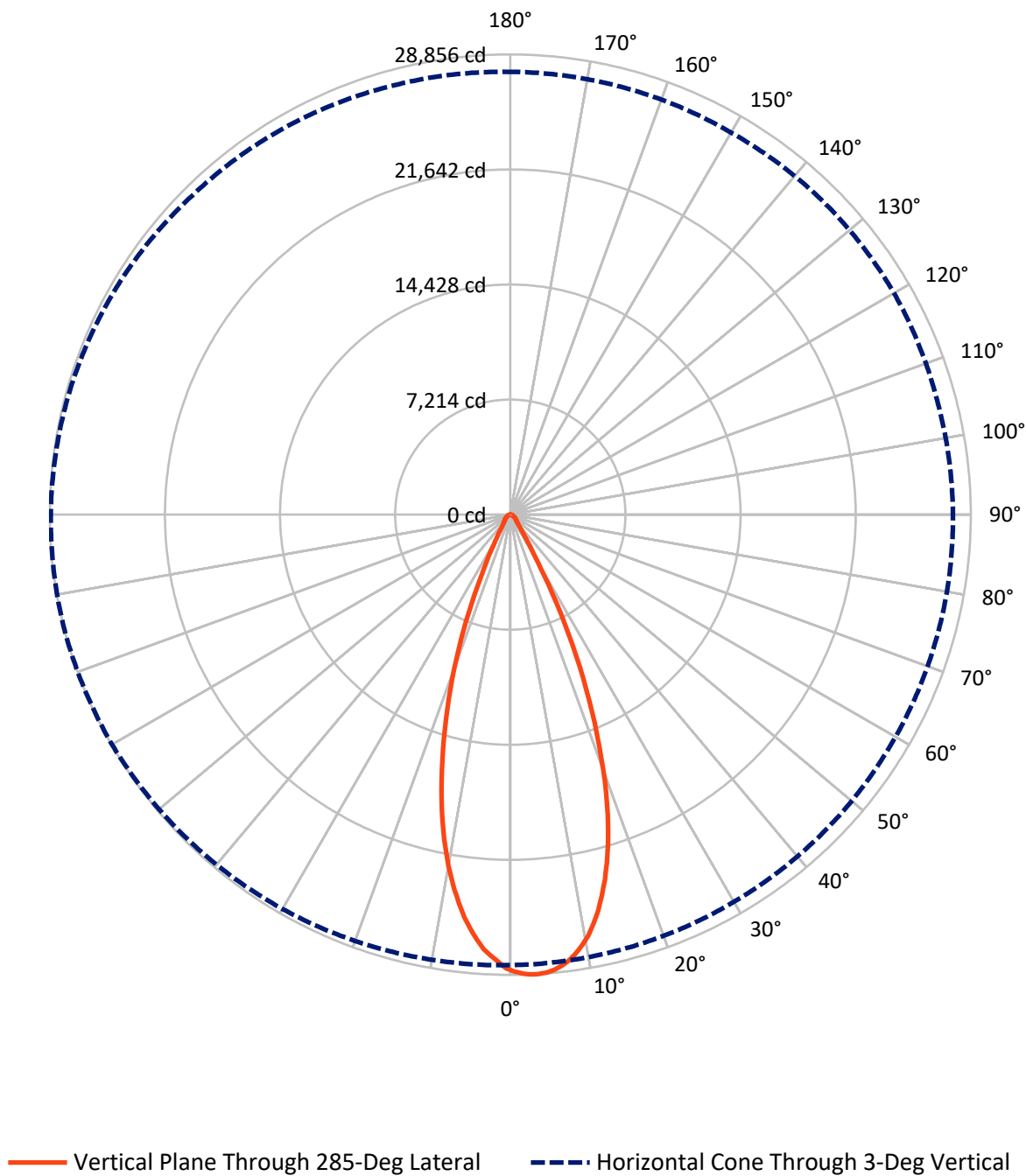


Based on 20 foot mounting height. Maximum calculated value = 71.6 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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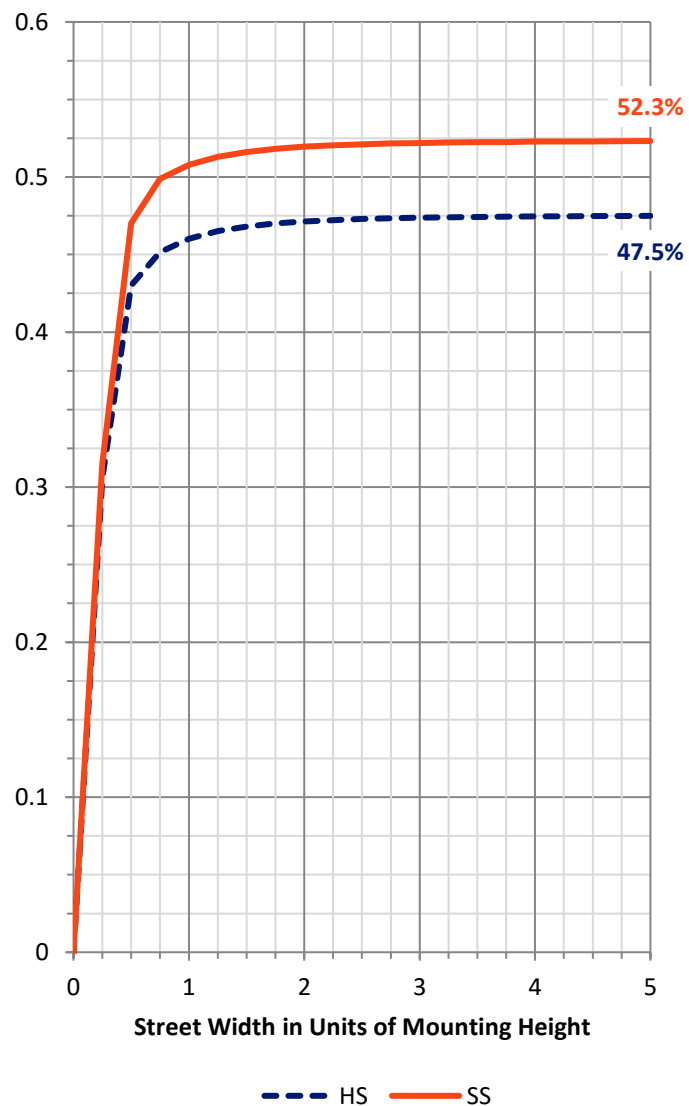
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6558.2	0.0	6558.2
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	7059.9	0.0	7059.9
	% Fixture	51.8	0.0	51.8
Total	Lumens	13618.2	0.0	13618.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2536.1	18.6
10°-20°	5639.3	41.4
20°-30°	3611.6	26.5
30°-40°	804.7	5.9
40°-50°	418.9	3.1
50°-60°	304.6	2.2
60°-70°	196.2	1.4
70°-80°	93.8	0.7
80°-90°	12.9	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°	13618.2	100.0
0°-180°	13618.2	100.0

Coefficient of Utilization



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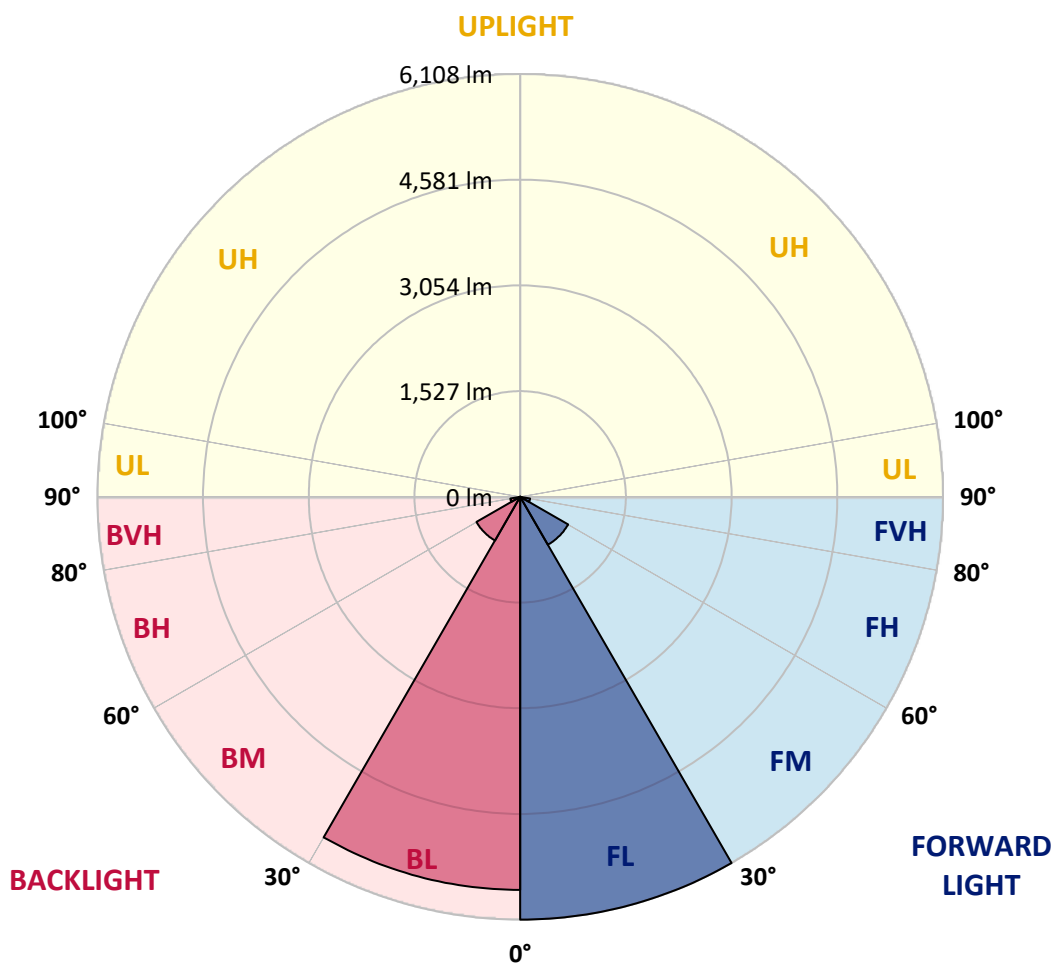
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	6108.3	44.9			
FM	(30°-60°)	800.0	5.9			
FH	(60°-80°)	145.6	1.1			G0/660
FVH	(80°-90°)	6.1	0.0			G0/10
BL	(0°-30°)	5678.7	41.7	B5		
BM	(30°-60°)	728.3	5.3	B1/1000		
BH	(60°-80°)	144.4	1.1	B1/500		G1/500
BVH	(80°-90°)	6.8	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4
1°	28652.8	28618.7	28563.9	28516.5	28475.0	28432.0	28454.2	28445.3	28432.0	28429.0	28429.0
2°	28516.5	28435.0	28341.6	28285.3	28215.6	28171.2	28097.1	28066.0	28103.0	28088.2	28045.2
3°	28243.8	28137.1	28028.9	27956.3	27871.8	27805.1	27738.4	27686.6	27769.6	27744.4	27661.4
4°	27877.7	27759.2	27633.2	27533.9	27448.0	27357.6	27378.3	27301.2	27261.2	27258.3	27276.1
5°	27455.4	27310.1	27173.8	27055.2	26929.3	26804.8	26827.0	26733.6	26704.0	26717.3	26761.8
6°	27006.3	26849.2	26689.2	26511.3	26342.4	26188.3	26177.9	26094.9	26090.5	26133.4	26249.0
7°	26575.1	26394.3	26172.0	25924.5	25696.3	25508.0	25469.5	25401.3	25391.0	25516.9	25715.5
8°	26169.0	25955.6	25653.3	25306.5	24993.8	24728.5	24681.1	24593.6	24636.6	24848.6	25152.4
9°	25760.0	25518.4	25118.3	24650.0	24217.2	23891.2	23797.8	23740.0	23827.5	24117.9	24555.1
10°	25361.3	25030.8	24555.1	23957.9	23402.1	23003.5	22853.8	22813.8	22972.4	23360.6	23895.6
11°	24894.5	24498.8	23926.8	23224.3	22557.4	22028.3	21852.0	21832.7	22049.1	22517.4	23159.1
12°	24301.7	23882.3	23258.4	22440.3	21674.1	21029.5	20761.2	20756.8	21063.5	21610.4	22326.2
13°	23620.0	23153.2	22465.5	21582.2	20715.3	19962.4	19629.0	19627.5	20006.9	20636.7	21411.8
14°	22834.5	22326.2	21557.0	20644.1	19714.9	18837.6	18416.7	18446.3	18885.0	19581.6	20392.2
15°	21983.9	21408.8	20553.7	19633.4	18603.4	17652.0	17177.8	17204.4	17702.4	18440.4	19273.3
16°	21072.4	20413.0	19457.1	18541.2	17425.3	16411.6	15897.3	15938.8	16454.6	17247.4	18067.0
17°	20137.3	19378.5	18344.1	17360.0	16213.0	15143.0	14630.5	14664.2	15177.1	15987.7	16832.5
18°	19219.9	18314.5	17177.8	16146.3	14962.2	13915.5	13376.0	13391.7	13878.6	14682.7	15552.0
19°	18228.5	17214.8	15971.4	14871.8	13661.1	12672.2	12132.0	12126.4	12567.7	13308.0	14205.3
20°	17171.8	16052.9	14729.7	13510.4	12413.8	11428.5	10912.1	10891.9	11294.4	11926.3	12811.7
21°	15989.2	14776.9	13389.3	12232.1	11166.7	10184.8	9683.3	9653.7	10009.4	10535.2	11330.4
22°	14643.0	13678.6	12046.2	10955.6	9892.1	8944.7	8469.1	8436.8	8739.3	9156.5	9864.1
23°	13135.6	12126.1	10703.1	9636.9	8639.9	7729.3	7277.6	7238.9	7505.7	7829.5	8437.1
24°	11625.6	10561.7	9343.5	8355.3	7419.1	6560.2	6134.1	6084.8	6309.0	6568.6	7094.9
25°	10115.6	9088.9	8017.9	7109.4	6254.6	5492.7	5112.1	5040.7	5207.4	5421.3	5868.5
26°	8587.8	7682.5	6754.3	5945.0	5188.0	4544.8	4225.9	4129.6	4241.0	4412.6	4767.3
27°	7042.7	6333.1	5584.3	4906.0	4270.2	3741.0	3613.8	3522.5	3600.8	3736.1	3855.7
28°	5623.0	5098.5	4536.4	4002.4	3482.8	3068.8	3001.9	2915.4	2960.7	3059.4	3262.8
29°	4458.0	4073.6	3682.7	3261.7	2859.5	2531.5	2390.9	2310.4	2326.7	2389.7	2669.8
30°	3492.6	3239.5	2970.9	2658.8	2352.8	2092.3	1994.2	1920.7	1925.4	1972.5	2080.0
31°	2753.8	2594.4	2411.3	2185.0	1950.4	1748.6	1678.8	1616.0	1617.9	1658.2	1729.6
32°	2187.7	2088.0	1983.3	1816.2	1638.2	1486.7	1434.8	1375.7	1381.0	1417.1	1464.4
33°	1785.5	1718.8	1651.4	1530.0	1391.2	1321.1	1245.7	1192.0	1196.9	1227.7	1263.9
34°	1481.6	1440.0	1402.6	1357.0	1237.9	1157.3	1102.4	1048.6	1050.6	1082.9	1112.1
35°	1307.0	1277.9	1256.2	1184.2	1085.8	993.6	988.7	936.4	935.8	967.3	996.4
36°	1134.5	1117.7	1110.4	1011.4	933.7	895.6	899.8	848.0	845.8	877.4	908.0
37°	962.0	957.5	964.7	905.5	841.3	817.3	828.3	776.7	771.4	803.2	837.4
38°	862.7	862.0	878.3	822.1	767.3	753.0	768.8	717.6	712.0	743.6	781.5
39°	784.0	785.0	810.2	753.0	706.6	699.4	720.9	669.8	662.6	694.8	736.8
40°	719.7	722.7	755.0	695.4	657.1	655.3	680.7	629.8	621.8	654.9	699.4
41°	667.5	671.6	709.3	650.0	615.8	618.3	647.1	596.2	587.5	621.5	668.3
42°	622.3	629.1	670.7	612.0	581.2	587.3	619.1	567.3	558.0	593.4	640.6
43°	584.3	593.2	637.4	579.7	550.4	559.8	594.7	542.7	532.9	569.4	616.3
44°	550.7	562.3	607.5	551.5	523.1	535.4	572.8	521.2	509.8	548.7	594.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	521.3	534.5	581.3	526.8	498.7	513.2	553.0	501.6	489.0	529.0	573.5
46°	494.6	509.6	557.2	505.3	477.2	493.3	533.9	482.5	469.9	509.6	550.7
47°	471.4	487.0	535.3	486.5	457.5	474.6	512.9	463.9	451.7	489.5	525.4
48°	449.9	465.9	514.7	468.5	439.2	455.3	491.6	445.8	434.6	469.7	500.0
49°	429.1	444.8	492.8	450.7	421.6	437.0	470.8	428.1	418.1	449.5	474.1
50°	409.3	424.1	469.7	432.9	404.9	418.7	449.0	410.5	401.8	429.4	448.6
51°	391.2	403.3	445.1	414.1	388.6	400.0	426.8	392.9	386.3	409.9	424.1
52°	374.3	383.2	420.5	395.5	372.5	380.9	405.1	376.0	370.6	390.3	400.1
53°	358.7	364.3	396.5	376.8	356.7	362.7	384.7	359.1	355.0	371.2	377.2
54°	343.3	345.3	373.0	358.3	341.1	344.9	364.2	343.3	339.7	352.3	355.2
55°	328.3	327.3	350.3	340.1	326.1	328.1	345.4	327.9	325.0	334.5	336.3
56°	313.5	310.0	328.6	322.0	311.5	312.8	329.4	312.4	310.2	316.6	317.9
57°	299.2	293.9	308.4	304.4	297.4	298.3	313.4	297.0	295.5	298.8	299.6
58°	284.2	278.2	290.7	287.3	283.6	284.2	297.4	282.7	282.1	281.5	283.3
59°	270.4	263.6	274.3	270.4	270.4	271.0	283.1	269.0	268.9	265.3	267.6
60°	256.0	249.3	258.2	253.7	256.7	258.3	269.2	255.8	255.6	249.9	252.6
61°	242.6	235.9	242.8	238.3	243.4	246.4	256.0	243.7	242.4	236.2	238.4
62°	229.8	223.3	228.8	224.7	231.2	234.6	245.5	232.4	229.9	224.3	227.0
63°	216.9	211.5	216.4	212.5	218.9	223.7	237.9	221.7	218.1	213.1	217.2
64°	204.5	200.9	206.4	201.4	207.0	212.9	230.4	211.2	206.4	202.2	208.2
65°	192.4	190.4	197.8	190.7	195.3	202.2	221.1	200.2	194.7	191.5	198.1
66°	180.3	180.3	189.3	180.0	183.4	191.7	211.1	189.4	182.6	181.1	186.1
67°	168.5	170.3	178.3	169.2	171.3	181.5	200.0	178.8	170.3	171.0	172.3
68°	156.7	159.8	164.9	158.6	158.8	170.2	187.8	167.5	157.5	160.4	158.0
69°	144.2	149.3	151.7	147.2	145.5	158.2	174.6	155.8	143.6	149.2	148.5
70°	132.2	137.6	140.1	135.4	132.9	146.4	164.5	144.0	129.8	137.6	158.7
71°	120.2	126.4	143.0	123.5	120.3	134.2	180.4	131.8	117.7	125.7	165.0
72°	108.2	115.2	146.1	111.7	107.7	121.9	165.0	119.7	106.7	113.6	152.5
73°	97.8	104.0	149.2	99.7	96.4	109.7	139.1	107.7	95.7	101.0	126.3
74°	88.0	92.4	123.8	88.5	85.8	98.1	116.9	96.1	85.2	89.1	107.7
75°	78.2	80.7	99.1	77.4	75.6	86.8	100.7	85.7	75.5	78.3	93.9
76°	69.0	70.3	82.0	67.1	66.1	75.6	88.5	76.2	65.9	67.7	81.5
77°	59.7	60.1	69.2	57.7	57.1	64.4	78.0	65.9	56.9	57.3	70.3
78°	50.5	49.9	58.6	48.5	48.4	54.0	68.4	55.3	48.2	47.6	59.6
79°	41.6	40.3	48.9	39.6	40.3	44.4	58.6	45.6	40.1	39.6	50.3
80°	33.3	31.7	39.3	31.6	32.7	35.9	48.9	37.9	33.1	31.5	41.0
81°	25.9	24.2	29.9	24.5	25.6	28.2	39.9	30.1	26.1	23.5	33.0
82°	19.1	17.6	22.0	17.9	19.4	21.6	32.2	22.3	19.2	17.8	25.1
83°	15.2	14.1	15.1	14.0	14.8	16.5	24.5	17.3	15.1	13.9	17.2
84°	11.4	10.7	10.0	10.1	11.6	12.6	16.8	14.1	12.1	11.2	12.2
85°	7.6	7.2	5.0	6.2	8.4	8.7	10.4	10.5	8.7	7.8	7.2
86°	1.6	1.7	1.7	2.9	3.7	4.8	5.4	5.7	4.6	4.1	3.4
87°	0.4	0.4	0.4	0.6	1.1	1.6	2.2	1.8	1.5	1.6	1.4
88°	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.6	0.6	0.7	0.7
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

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: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440308
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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: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4	28642.4
1°	28469.1	28489.8	28540.2	28583.2	28632.1	28672.1	28707.7	28750.6	28778.8	28789.2	28778.8
2°	28086.7	28126.7	28212.7	28397.9	28516.5	28635.0	28731.4	28814.4	28852.9	28849.9	28790.6
3°	27704.3	27763.6	27885.2	28080.8	28243.8	28500.2	28685.4	28801.0	28855.9	28821.8	28689.9
4°	27320.5	27400.5	27556.2	27762.1	27972.6	28266.0	28572.8	28732.9	28796.6	28715.1	28509.1
5°	26849.2	26942.6	27102.7	27350.2	27699.9	28031.9	28412.7	28620.2	28676.5	28515.0	28237.9
6°	26367.6	26496.5	26662.5	26917.4	27308.7	27794.8	28113.4	28426.1	28466.1	28270.5	27916.3
7°	25902.2	26065.3	26257.9	26512.8	26910.0	27400.5	27812.5	28135.6	28186.0	27944.4	27547.3
8°	25433.9	25651.8	25865.2	26118.6	26487.6	26991.5	27511.7	27777.0	27818.5	27562.1	27139.7
9°	24939.0	25204.2	25450.2	25720.0	26066.7	26523.2	27038.9	27326.4	27357.6	27099.7	26707.0
10°	24374.3	24697.4	24993.8	25305.0	25608.8	26001.5	26475.8	26766.2	26832.9	26573.6	26252.0
11°	23713.3	24082.4	24451.4	24833.7	25127.2	25414.7	25828.1	26096.4	26161.6	25971.9	25767.4
12°	22954.6	23357.7	23784.5	24266.1	24578.8	24758.2	25082.7	25316.9	25416.2	25310.9	25259.1
13°	22084.6	22504.0	23005.0	23602.2	23960.8	24032.0	24252.8	24448.4	24575.9	24559.6	24661.8
14°	21115.4	21557.0	22114.3	22834.5	23233.2	23242.1	23366.6	23499.9	23654.1	23738.5	24006.8
15°	20072.1	20605.6	21168.8	21943.8	22398.8	22375.1	22395.9	22453.7	22637.4	22864.2	23253.9
16°	18985.8	19626.0	20201.0	20945.0	21425.2	21382.2	21348.1	21317.0	21549.6	21905.3	22404.7
17°	17893.6	18665.7	19230.3	19885.4	20350.7	20327.0	20212.9	20092.8	20386.3	20867.9	21414.8
18°	16722.8	17652.0	18244.8	18748.7	19134.0	19147.3	18981.3	18772.4	19089.5	19712.0	20282.5
19°	15446.8	16536.1	17161.5	17563.1	17823.9	17878.7	17612.0	17380.8	17742.4	18473.0	19051.0
20°	14074.9	15254.1	15958.1	16258.9	16399.7	16493.1	16227.8	15932.9	16307.8	17108.1	17669.8
21°	12578.7	13836.9	14555.4	14839.2	14902.9	15045.2	14734.1	14474.0	14858.4	15664.7	16224.8
22°	11038.6	12268.8	13028.8	13283.4	13349.6	13537.5	13270.6	13007.1	13397.8	14183.5	14716.5
23°	9487.3	10650.2	11393.6	11654.4	11749.4	11991.5	11754.6	11540.1	11936.7	12668.2	13144.7
24°	7994.0	9009.9	9736.7	10016.3	10156.1	10467.8	10273.8	10073.2	10475.5	11152.1	11572.3
25°	6576.0	7419.1	8097.5	8427.9	8623.7	8946.8	8811.2	8619.3	9036.4	9636.1	9999.9
26°	5306.7	5961.5	6575.6	6948.0	7187.4	7486.7	7359.4	7213.4	7618.8	8195.1	8501.3
27°	4232.9	4704.0	5235.4	5653.8	5878.5	6113.5	6013.9	5879.5	6256.7	6787.1	7087.9
28°	3537.8	3908.6	4102.9	4494.7	4729.3	4873.7	4788.9	4700.4	5018.9	5489.4	5780.8
29°	2842.8	3113.2	3420.4	3761.6	3766.8	3845.3	3777.6	3717.1	3962.7	4353.5	4632.6
30°	2153.3	2320.4	2737.8	3028.3	3095.0	3129.4	3087.1	2946.1	3110.0	3406.7	3642.6
31°	1763.7	1884.4	2066.2	2303.5	2424.1	2417.3	2397.1	2363.3	2471.7	2678.0	2875.7
32°	1471.0	1557.0	1691.4	1879.9	1968.5	1952.2	1937.9	1926.7	1996.1	2130.8	2280.8
33°	1255.7	1314.6	1419.4	1568.1	1630.5	1601.6	1598.9	1604.1	1647.1	1729.8	1840.5
34°	1094.3	1133.4	1211.6	1336.8	1372.5	1345.0	1348.9	1356.5	1387.9	1437.0	1514.4
35°	967.9	993.6	1056.7	1162.8	1179.5	1151.2	1161.1	1201.5	1235.3	1270.4	1332.8
36°	872.4	887.0	938.9	1034.1	1032.0	1006.5	1019.2	1047.7	1084.3	1105.5	1152.7
37°	794.6	803.9	845.3	934.2	919.8	896.4	911.1	943.3	933.2	940.7	972.7
38°	732.6	737.0	772.3	858.2	832.2	808.9	824.1	864.0	846.3	846.6	871.4
39°	681.9	683.3	714.2	798.3	762.7	741.6	754.9	798.6	775.4	770.3	792.3
40°	640.6	638.3	666.9	749.9	706.6	684.6	698.0	745.1	717.2	708.0	728.0
41°	606.1	600.6	627.5	709.7	660.5	638.3	651.2	700.9	669.5	655.8	676.6
42°	576.7	567.9	594.9	674.9	623.4	598.5	611.1	664.4	628.2	611.4	633.4
43°	551.6	540.1	567.0	644.3	591.8	565.2	577.0	633.8	593.0	574.1	597.6
44°	529.3	515.3	542.8	617.5	564.3	535.8	547.8	606.9	562.9	541.6	567.0

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	509.0	493.4	522.0	593.6	540.2	509.4	521.9	583.9	536.8	513.8	540.7
46°	489.5	472.9	502.9	571.2	519.0	485.8	499.4	562.9	513.3	488.2	517.3
47°	469.5	453.4	483.9	549.5	499.3	464.4	479.0	543.5	492.4	465.4	496.4
48°	449.2	435.4	464.8	526.1	480.5	444.7	461.3	525.4	473.5	445.2	477.5
49°	429.3	418.1	445.5	500.4	461.0	426.8	445.4	507.1	456.8	427.5	460.3
50°	409.3	401.3	426.4	474.6	440.8	409.7	428.6	487.4	441.1	410.4	443.9
51°	389.8	385.4	407.7	448.2	420.6	392.8	412.0	465.2	423.7	394.3	426.9
52°	370.5	369.0	389.0	422.8	400.5	376.3	394.3	442.6	405.4	378.2	409.2
53°	351.8	353.8	369.7	398.3	380.3	360.6	377.2	418.8	387.5	362.8	391.3
54°	334.6	339.3	351.2	374.0	359.9	344.9	360.0	395.0	369.4	347.8	372.4
55°	317.9	324.5	333.4	350.6	339.9	329.6	343.3	371.1	350.6	332.4	353.2
56°	301.3	309.6	315.6	330.7	322.1	314.3	326.6	348.8	332.5	317.2	333.2
57°	286.7	294.9	297.8	310.8	304.2	299.0	309.9	327.8	314.6	302.3	314.2
58°	272.2	281.3	281.1	291.0	286.4	284.6	293.2	309.7	298.3	287.7	296.4
59°	257.6	267.9	264.0	274.2	270.6	270.6	277.9	293.2	282.6	273.4	279.1
60°	243.8	254.8	247.6	257.7	254.7	256.9	262.6	278.1	267.3	259.6	261.9
61°	231.5	241.9	233.3	242.1	240.0	244.0	248.4	263.2	252.4	246.1	245.1
62°	220.7	229.3	221.2	229.1	226.5	231.4	235.3	249.4	238.6	233.2	229.4
63°	210.6	217.0	210.7	218.0	214.5	219.2	224.1	238.2	226.4	220.4	215.8
64°	200.6	204.9	200.7	209.5	203.3	207.3	214.0	230.3	215.4	208.5	204.1
65°	190.7	192.3	190.8	201.0	193.1	195.8	204.2	225.0	204.8	197.1	193.7
66°	180.2	180.3	180.9	191.5	182.9	184.2	194.4	218.6	194.7	185.5	183.5
67°	169.7	168.6	170.9	179.9	172.7	172.6	183.9	210.3	184.3	174.2	173.4
68°	158.8	156.2	160.3	166.2	162.9	160.8	173.5	200.4	174.4	162.6	163.5
69°	147.6	142.8	149.1	153.3	152.5	148.3	162.9	188.9	163.9	150.7	153.2
70°	136.2	130.0	137.9	146.5	141.3	135.3	151.8	176.3	153.0	137.3	142.4
71°	124.8	118.7	126.6	148.9	129.9	123.1	140.3	163.4	142.1	125.8	130.8
72°	113.0	108.1	115.2	155.7	118.2	112.0	128.3	162.3	130.1	114.3	119.1
73°	101.4	98.2	103.8	138.2	106.2	101.0	116.0	157.1	118.1	103.0	107.5
74°	89.9	88.4	92.1	112.6	94.4	90.3	104.0	133.7	106.1	92.2	95.8
75°	79.2	78.6	80.9	95.1	83.1	80.2	92.6	113.9	93.8	81.8	84.2
76°	68.9	69.1	70.7	81.2	72.1	70.6	81.5	94.2	82.8	72.0	73.4
77°	59.0	60.0	60.8	70.0	61.6	61.4	71.7	80.9	72.9	62.6	63.3
78°	49.7	51.2	51.0	60.0	51.5	52.6	61.7	69.7	62.0	53.6	53.6
79°	41.0	43.0	42.0	50.8	42.2	44.3	51.7	59.4	51.2	45.0	44.1
80°	34.0	35.9	34.8	41.9	34.8	36.9	42.2	49.9	41.6	37.0	35.7
81°	27.0	28.8	27.7	34.0	27.4	29.5	34.8	40.8	32.9	29.5	28.2
82°	20.0	21.8	20.6	26.2	19.9	22.1	27.4	32.5	25.5	22.7	21.1
83°	17.4	18.8	17.4	18.4	15.6	17.1	20.1	25.1	19.1	17.0	14.9
84°	16.7	18.4	17.1	13.8	14.4	14.9	16.7	18.2	16.0	13.5	11.7
85°	13.3	14.6	13.9	8.6	11.8	12.5	13.9	13.1	11.7	10.0	8.4
86°	6.9	7.4	8.0	4.3	7.3	8.3	9.1	8.0	7.4	6.6	4.9
87°	2.0	2.0	2.4	1.8	3.0	2.6	3.2	2.9	3.2	2.4	1.5
88°	0.8	0.8	0.9	0.8	0.9	1.0	1.3	1.0	0.9	0.6	0.3
89°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.1

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440308
CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	28642.4	28642.4	28642.4
1°	28744.7	28701.7	28652.8
2°	28707.7	28611.3	28516.5
3°	28547.6	28389.0	28243.8
4°	28274.9	28051.1	27877.7
5°	27937.0	27667.3	27455.4
6°	27538.4	27224.2	27006.3
7°	27127.9	26801.8	26575.1
8°	26729.2	26401.7	26169.0
9°	26317.2	26019.3	25760.0
10°	25926.0	25632.5	25361.3
11°	25519.9	25213.1	24894.5
12°	25078.3	24709.2	24301.7
13°	24538.8	24092.7	23620.0
14°	23894.1	23365.1	22834.5
15°	23151.7	22563.3	21983.9
16°	22295.1	21699.3	21072.4
17°	21349.6	20771.6	20137.3
18°	20318.1	19814.2	19219.9
19°	19203.6	18846.5	18228.5
20°	17951.4	17807.6	17171.8
21°	16654.6	16663.5	15989.2
22°	15227.5	15366.8	14643.0
23°	13748.4	13926.3	13135.6
24°	12154.0	12330.0	11625.6
25°	10558.7	10733.0	10115.6
26°	8963.7	9135.9	8587.8
27°	7450.1	7547.9	7042.7
28°	6038.5	6027.0	5623.0
29°	4807.3	4732.3	4458.0
30°	3762.2	3679.2	3492.6
31°	2950.9	2867.5	2753.8
32°	2337.5	2270.0	2187.7
33°	1879.9	1831.0	1785.5
34°	1551.9	1512.2	1481.6
35°	1371.9	1333.0	1307.0
36°	1194.4	1155.6	1134.5
37°	1016.8	978.3	962.0
38°	918.9	878.5	862.7
39°	846.3	799.2	784.0
40°	786.9	734.7	719.7
41°	741.0	682.9	667.5
42°	702.3	639.1	622.3
43°	669.5	601.9	584.3
44°	640.0	569.5	550.7

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	613.0	541.0	521.3
46°	587.5	515.4	494.6
47°	564.2	492.4	471.4
48°	542.2	472.6	449.9
49°	520.8	453.9	429.1
50°	499.1	435.9	409.3
51°	476.5	418.3	391.2
52°	451.3	400.1	374.3
53°	425.5	382.6	358.7
54°	398.9	364.8	343.3
55°	373.3	346.8	328.3
56°	347.5	328.7	313.5
57°	324.4	310.3	299.2
58°	303.0	292.0	284.2
59°	283.7	273.7	270.4
60°	267.1	256.4	256.0
61°	251.1	240.2	242.6
62°	235.5	225.3	229.8
63°	221.6	212.3	216.9
64°	210.4	201.3	204.5
65°	200.4	191.0	192.4
66°	192.5	181.3	180.3
67°	183.9	171.5	168.5
68°	171.5	161.0	156.7
69°	157.6	150.6	144.2
70°	145.0	139.5	132.2
71°	144.1	128.2	120.2
72°	143.4	117.0	108.2
73°	142.7	105.7	97.8
74°	129.8	94.8	88.0
75°	106.0	84.0	78.2
76°	87.2	72.6	69.0
77°	73.4	62.4	59.7
78°	62.0	52.6	50.5
79°	51.8	42.7	41.6
80°	42.0	33.8	33.3
81°	32.4	25.8	25.9
82°	24.1	18.9	19.1
83°	17.1	15.5	15.2
84°	12.2	12.0	11.4
85°	7.4	8.5	7.6
86°	2.6	2.4	1.6
87°	0.6	0.5	0.4
88°	0.3	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440308

CATALOG NUMBER: XSF100-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)