

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: P1440324

Luminaire Tested: XSF100-SFTR-5Hx5V-850-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440324
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-5Hx5V-850-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 5 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14247.2 lumens
Efficiency: N/A
Efficacy: 165.7 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G0

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

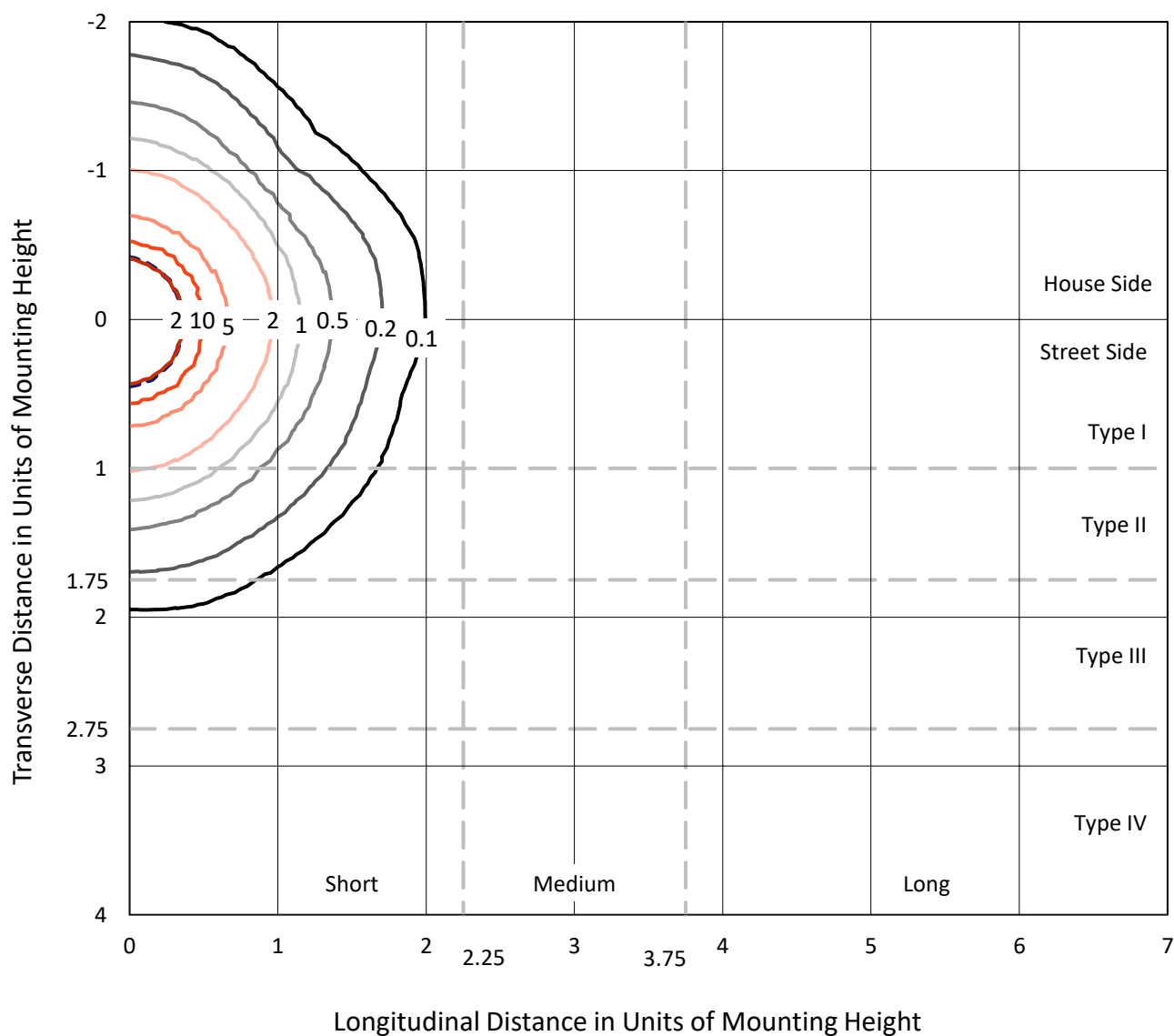
REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



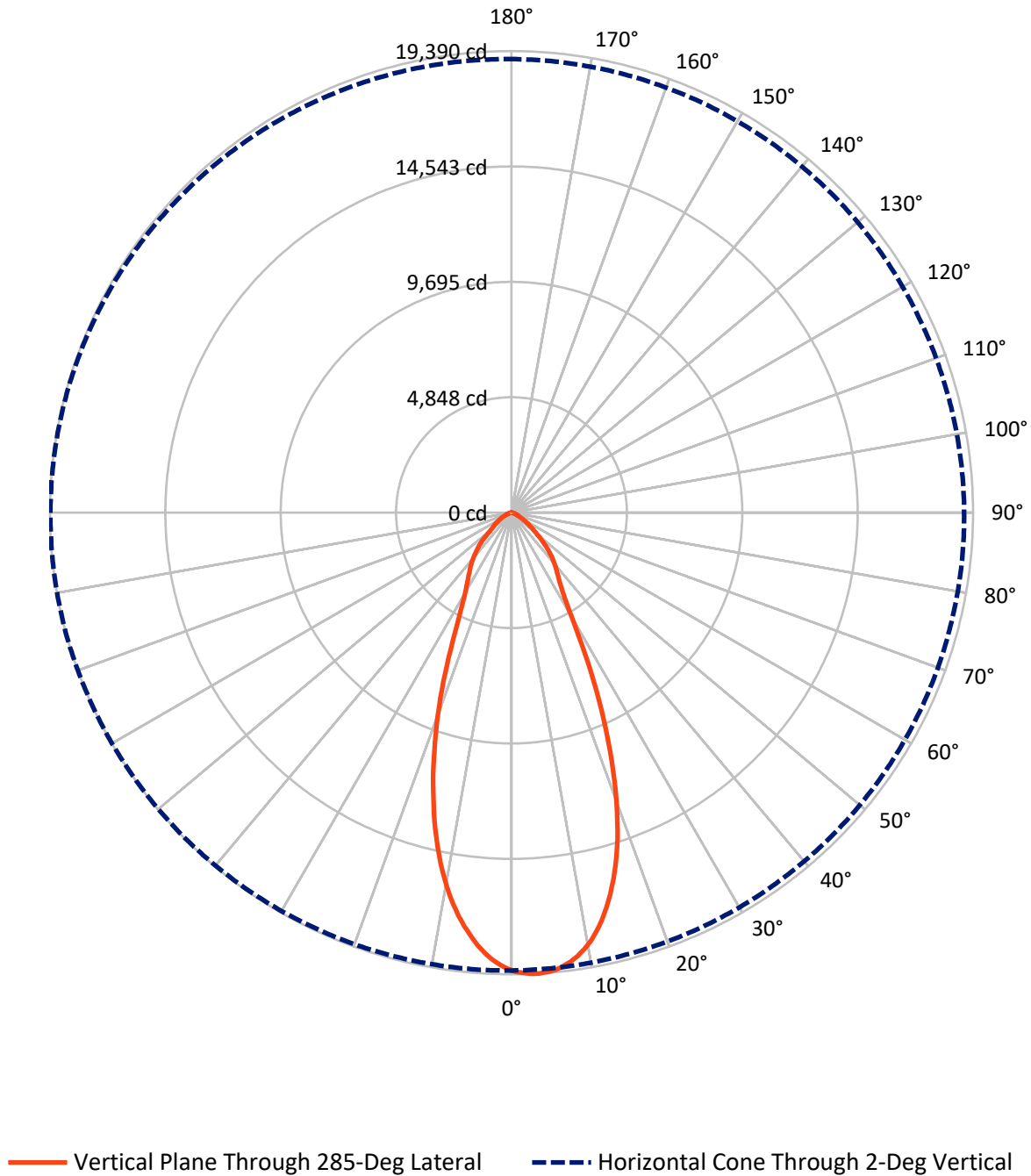
Based on 20 foot mounting height. Maximum calculated value = 48.2 fc

Type V - Short - N/A

REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

Luminous Intensity Polar Plot



REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

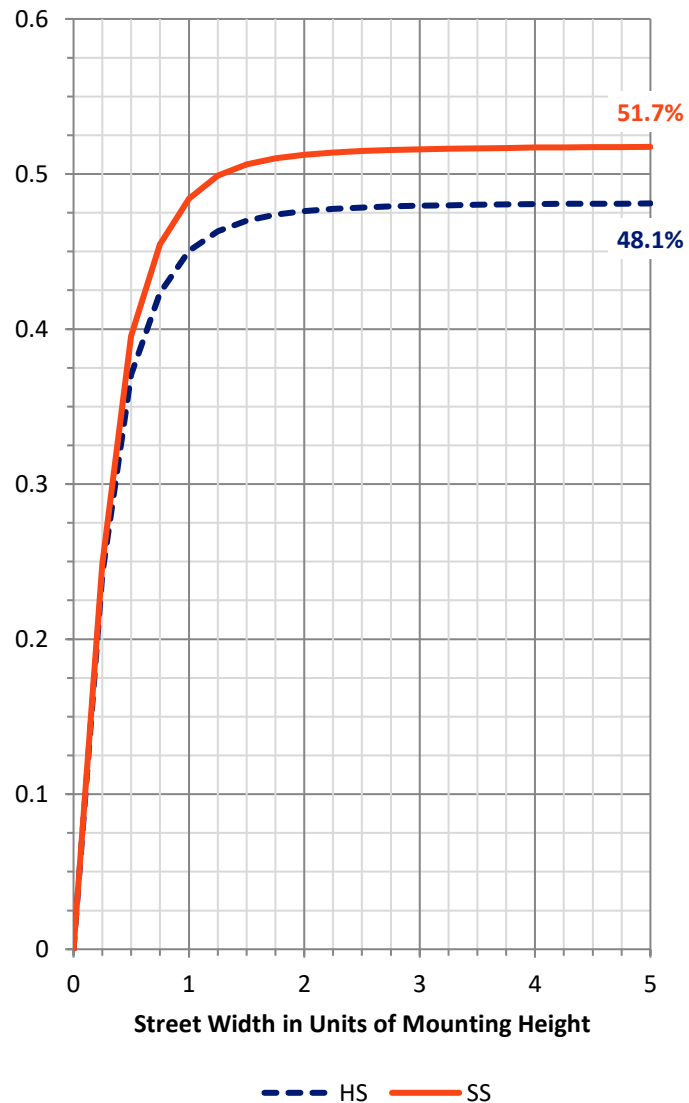
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6922.2	0.0	6922.2
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	7325.0	0.0	7325.0
	% Fixture	51.4	0.0	51.4
Total	Lumens	14247.2	0.0	14247.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1733.9	12.2
10°-20°	4098.3	28.8
20°-30°	3478.8	24.4
30°-40°	2127.4	14.9
40°-50°	1551.3	10.9
50°-60°	770.4	5.4
60°-70°	346.8	2.4
70°-80°	124.6	0.9
80°-90°	15.7	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°	14247.2	100.0
0°-180°	14247.2	100.0

Coefficient of Utilization



REPORT NUMBER: P1440324

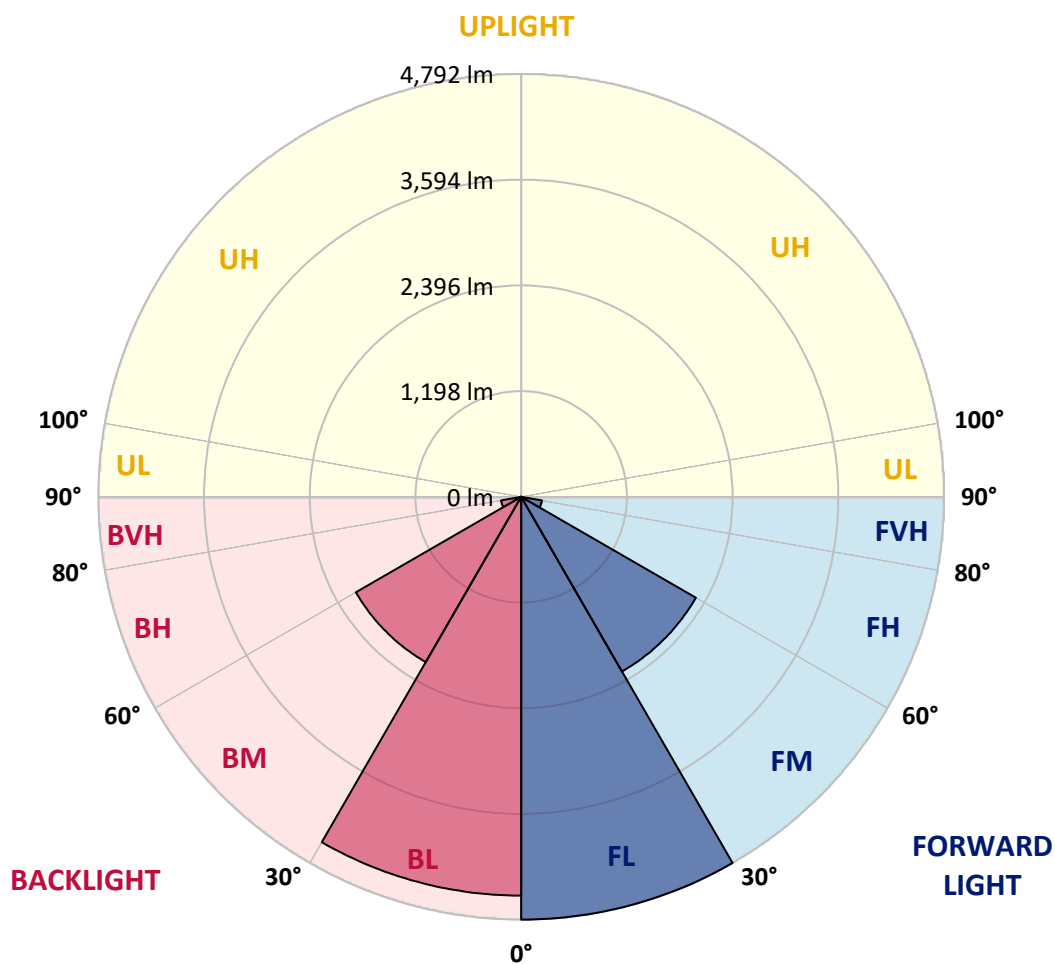
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4791.8	33.6			
FM	(30°-60°)	2286.3	16.0			
FH	(60°-80°)	239.5	1.7			G0/660
FVH	(80°-90°)	7.5	0.1			G0/10
BL	(0°-30°)	4519.1	31.7	B4/5000		
BM	(30°-60°)	2162.8	15.2	B2/2500		
BH	(60°-80°)	232.0	1.6	B1/500		G0/660
BVH	(80°-90°)	8.3	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G0

Type V Short



REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9
1°	19303.6	19274.8	19249.0	19227.8	19206.6	19189.9	19171.7	19152.0	19150.5	19155.1	19167.2
2°	19232.4	19179.3	19142.9	19114.2	19085.4	19049.0	19018.7	18988.4	18977.8	18982.3	18983.8
3°	19099.0	19035.4	18980.8	18938.4	18895.9	18853.5	18808.0	18777.7	18758.0	18756.5	18765.6
4°	18912.6	18824.7	18759.5	18717.1	18662.6	18618.6	18556.5	18518.6	18501.9	18503.4	18515.6
5°	18688.3	18603.5	18523.1	18453.4	18388.3	18336.7	18264.0	18217.0	18200.3	18215.5	18245.8
6°	18447.4	18351.9	18261.0	18167.0	18073.1	18000.3	17917.0	17862.4	17857.9	17898.8	17967.0
7°	18209.4	18100.3	17983.6	17851.8	17720.0	17626.0	17544.2	17488.1	17489.6	17556.3	17669.9
8°	17997.3	17860.9	17701.8	17519.9	17342.6	17218.3	17112.3	17068.3	17095.6	17200.2	17371.4
9°	17779.1	17619.9	17409.3	17163.8	16930.4	16768.3	16642.5	16607.6	16654.6	16807.7	17045.6
10°	17547.2	17357.8	17094.1	16791.0	16500.0	16292.4	16127.2	16104.5	16184.8	16389.4	16675.8
11°	17277.5	17068.3	16750.1	16392.4	16036.3	15766.6	15583.2	15560.5	15683.2	15930.2	16275.7
12°	16954.7	16715.2	16378.8	15954.5	15552.9	15222.5	14991.0	14982.8	15137.1	15436.2	15813.5
13°	16571.3	16315.2	15942.4	15477.1	15022.9	14627.0	14356.6	14357.8	14555.0	14893.1	15296.8
14°	16136.3	15842.3	15437.7	14960.4	14445.6	13997.8	13693.3	13699.5	13936.7	14303.0	14725.6
15°	15655.9	15340.7	14864.6	14389.0	13844.8	13337.9	12992.7	13015.0	13269.6	13667.4	14096.7
16°	15154.3	14770.5	14266.6	13775.6	13190.5	12648.7	12279.6	12294.4	12568.7	12999.7	13424.2
17°	14624.1	14178.4	13632.5	13115.9	12496.3	11926.9	11557.4	11576.5	11848.9	12280.2	12720.1
18°	14072.0	13575.7	12977.3	12421.2	11782.0	11206.9	10841.3	10838.2	11108.6	11539.4	11989.8
19°	13499.8	12948.3	12290.2	11685.2	11045.5	10473.3	10125.4	10118.5	10361.5	10753.1	11226.6
20°	12895.3	12279.4	11573.5	10938.5	10309.8	9758.6	9414.3	9401.7	9611.9	9951.4	10421.5
21°	12222.3	11548.8	10813.2	10181.7	9561.0	9040.2	8698.4	8678.9	8856.3	9143.1	9579.4
22°	11471.5	10794.4	10038.1	9414.5	8823.5	8316.8	7996.9	7965.9	8125.4	8345.6	8736.3
23°	10654.1	9974.1	9242.9	8634.9	8076.7	7602.9	7303.5	7258.0	7386.7	7567.2	7905.0
24°	9787.0	9135.8	8450.8	7870.2	7352.6	6918.6	6641.2	6590.3	6678.7	6813.8	7124.5
25°	8917.0	8322.5	7685.8	7142.2	6661.1	6283.7	6048.4	5971.0	6019.6	6122.8	6401.6
26°	8037.4	7512.3	6940.4	6442.9	6019.6	5712.9	5521.0	5435.1	5429.2	5509.5	5745.2
27°	7188.0	6751.1	6250.3	5802.4	5455.4	5227.2	5075.5	4983.0	4935.9	4976.5	5190.4
28°	6394.8	6044.8	5629.7	5243.2	4960.8	4807.1	4697.7	4597.4	4523.7	4539.8	4716.2
29°	5717.0	5442.2	5097.8	4768.6	4553.4	4452.9	4380.8	4280.3	4183.8	4177.1	4333.8
30°	5157.2	4932.4	4652.8	4369.0	4204.1	4157.7	4117.3	4013.6	3909.5	3883.4	4019.2
31°	4717.2	4535.4	4282.3	4034.8	3913.9	3912.8	3894.7	3796.2	3680.1	3641.7	3770.4
32°	4374.0	4214.9	3976.3	3764.6	3675.7	3706.0	3709.5	3605.1	3489.7	3441.5	3562.9
33°	4110.6	3963.9	3729.5	3534.6	3473.8	3529.3	3546.0	3441.5	3326.4	3267.3	3387.0
34°	3902.1	3764.9	3526.3	3339.3	3294.9	3374.0	3405.2	3297.1	3179.4	3119.2	3239.7
35°	3733.6	3598.1	3355.3	3167.7	3136.9	3230.0	3270.8	3161.6	3043.1	2981.5	3107.4
36°	3593.5	3455.9	3207.7	3012.2	2995.9	3099.5	3143.0	3035.9	2917.4	2856.4	2983.7
37°	3472.8	3327.7	3075.7	2876.4	2866.9	2974.3	3020.7	2919.8	2791.6	2731.3	2868.1
38°	3360.6	3204.5	2954.6	2752.8	2746.4	2852.0	2904.5	2803.6	2665.8	2606.1	2752.5
39°	3246.5	3082.1	2837.0	2632.3	2625.6	2728.4	2788.2	2687.2	2538.8	2477.0	2636.7
40°	3124.1	2959.5	2713.7	2508.6	2505.3	2597.8	2671.9	2562.1	2415.8	2350.9	2512.0
41°	2996.5	2833.1	2583.4	2383.9	2381.5	2465.8	2538.7	2439.5	2285.6	2226.9	2383.9
42°	2858.9	2699.1	2449.1	2258.3	2254.7	2324.8	2398.9	2306.9	2154.6	2101.5	2254.7
43°	2714.0	2557.3	2317.2	2128.7	2126.6	2179.5	2260.9	2180.4	2021.3	1972.3	2125.2
44°	2562.3	2409.7	2181.8	2003.3	1998.2	2038.9	2124.0	2053.9	1887.5	1845.8	2004.3

REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	2397.3	2260.6	2047.8	1878.5	1876.6	1907.2	1993.7	1931.4	1761.4	1725.6	1886.1
46°	2230.0	2114.3	1914.0	1757.4	1757.0	1777.8	1852.6	1797.0	1633.5	1622.0	1775.3
47°	2067.5	1969.3	1783.4	1638.2	1623.5	1636.1	1702.3	1637.6	1475.0	1505.1	1653.0
48°	1915.8	1830.0	1645.6	1503.5	1484.4	1503.5	1560.6	1477.5	1315.9	1362.1	1502.9
49°	1754.9	1675.3	1483.5	1358.9	1359.0	1372.7	1427.9	1321.9	1174.9	1219.3	1336.5
50°	1606.8	1514.0	1347.1	1216.9	1233.6	1261.5	1311.5	1186.8	1027.2	1040.6	1188.1
51°	1490.6	1339.5	1211.6	1074.9	1108.3	1150.9	1217.6	1091.3	913.9	899.3	1044.9
52°	1346.3	1218.7	1076.0	977.0	1012.5	1062.8	1134.1	1019.7	833.7	784.4	943.4
53°	1216.0	1098.0	969.3	903.1	921.3	968.3	1057.7	961.1	763.8	693.8	879.9
54°	1086.1	1015.7	894.7	853.4	837.5	873.5	971.2	914.5	705.0	606.3	811.3
55°	996.0	910.2	816.8	798.3	772.1	793.0	894.5	857.7	651.0	530.8	734.6
56°	893.2	820.7	751.2	732.8	727.3	731.7	829.2	803.6	600.1	470.6	656.0
57°	794.3	749.3	686.5	675.9	686.7	675.0	762.9	746.2	559.8	430.0	590.2
58°	698.8	680.4	628.8	622.1	631.0	610.5	697.9	704.3	519.9	400.3	531.9
59°	632.1	628.0	579.0	568.7	587.2	556.1	639.9	643.1	471.0	373.5	483.9
60°	565.5	591.0	533.9	519.9	540.1	488.6	591.1	581.8	432.9	349.4	443.0
61°	505.7	539.7	484.6	477.4	489.9	434.0	539.0	540.7	409.1	329.4	404.8
62°	451.9	483.1	439.4	437.3	445.7	402.0	492.5	502.1	378.9	309.4	372.4
63°	407.0	433.4	401.5	401.0	408.2	374.4	456.7	463.2	349.9	289.4	344.7
64°	364.5	396.8	368.7	369.3	375.4	342.8	419.2	418.7	322.4	272.1	318.9
65°	328.5	358.9	340.7	340.5	343.2	314.1	382.1	378.7	295.0	255.7	293.1
66°	298.2	325.2	312.9	312.9	313.1	288.5	347.0	342.7	270.8	239.0	269.2
67°	270.6	294.8	286.3	286.6	284.2	265.9	312.0	306.7	247.2	222.6	245.2
68°	244.7	265.2	259.4	259.8	255.9	243.9	276.9	270.8	224.2	206.9	221.7
69°	220.8	237.8	231.8	232.8	229.3	221.5	246.6	241.7	203.5	190.9	202.2
70°	197.6	211.5	206.9	207.6	204.5	200.5	222.4	217.1	184.7	175.4	194.6
71°	177.1	188.1	188.5	184.4	182.1	181.2	213.8	194.7	167.5	159.8	185.0
72°	157.3	167.0	184.8	163.7	161.6	162.9	191.0	173.7	151.2	144.7	166.3
73°	138.9	147.3	165.5	144.7	142.9	145.3	164.7	153.6	135.1	129.0	142.4
74°	122.7	129.3	140.2	127.9	126.5	129.0	141.1	135.0	119.8	114.2	123.1
75°	106.6	111.4	120.2	111.2	110.1	112.8	121.6	117.3	105.2	100.3	106.4
76°	90.6	93.4	100.3	94.4	93.8	96.6	105.1	101.3	91.3	87.0	90.9
77°	77.0	78.1	80.4	79.3	79.8	82.4	90.6	86.5	78.4	74.3	77.2
78°	63.5	63.2	67.1	65.9	67.4	69.5	78.0	72.8	66.4	61.6	64.9
79°	50.0	50.5	55.3	54.1	55.9	57.4	65.6	60.2	55.4	50.6	54.3
80°	39.0	39.3	44.1	43.7	44.7	46.4	53.4	49.0	45.1	41.0	44.4
81°	29.7	29.8	33.4	34.8	36.3	37.7	43.4	40.5	36.8	33.4	36.0
82°	22.1	22.6	25.5	26.1	27.8	29.5	35.1	31.9	28.5	25.8	27.5
83°	15.7	15.9	17.3	18.2	20.1	22.0	26.7	23.5	20.3	18.2	19.0
84°	11.0	11.1	12.2	13.1	14.7	16.2	18.4	17.2	15.1	13.2	13.2
85°	6.4	6.4	7.1	8.2	9.6	10.9	11.7	11.8	10.1	8.7	8.0
86°	1.7	1.7	2.0	3.2	4.4	6.5	6.3	6.4	5.4	4.6	4.1
87°	0.5	0.5	0.5	0.8	1.4	2.1	2.4	2.4	2.1	1.9	1.8
88°	0.2	0.2	0.2	0.2	0.3	0.5	0.6	0.6	0.7	0.7	0.8
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3



REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

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: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9	19283.9
1°	19182.4	19214.2	19227.8	19261.2	19283.9	19311.2	19332.4	19343.0	19340.0	19352.1	19356.6
2°	19009.6	19053.5	19097.5	19156.6	19226.3	19288.4	19343.0	19374.8	19390.0	19379.4	19364.2
3°	18795.9	18839.9	18909.6	18997.5	19106.6	19212.7	19318.7	19362.7	19386.9	19367.2	19320.3
4°	18551.9	18606.5	18688.3	18798.9	18953.5	19105.1	19256.6	19324.8	19358.1	19306.6	19217.2
5°	18301.9	18364.0	18448.9	18574.7	18762.6	18962.6	19153.6	19258.1	19291.5	19209.6	19080.8
6°	18051.8	18115.5	18201.9	18350.4	18551.9	18786.8	19017.2	19153.6	19174.8	19079.3	18908.1
7°	17788.2	17880.6	17976.1	18120.0	18327.6	18580.7	18841.4	18999.0	19018.7	18902.0	18714.1
8°	17535.1	17653.3	17759.4	17904.8	18103.4	18356.4	18627.7	18806.5	18830.8	18697.4	18491.3
9°	17263.8	17404.7	17541.1	17686.6	17871.5	18103.4	18374.6	18558.0	18582.2	18450.4	18245.8
10°	16944.1	17118.3	17279.0	17450.2	17613.9	17815.4	18067.0	18259.5	18291.3	18164.0	18004.9
11°	16581.9	16778.9	16974.4	17175.9	17342.6	17488.1	17704.8	17892.7	17938.2	17836.6	17738.1
12°	16156.0	16368.2	16597.0	16857.7	17032.0	17136.5	17297.2	17469.9	17527.5	17472.9	17450.2
13°	15662.0	15884.8	16156.0	16483.4	16683.4	16722.8	16850.1	17004.7	17065.3	17063.8	17127.4
14°	15110.7	15363.5	15652.9	16045.4	16268.2	16286.4	16348.5	16487.9	16556.1	16616.7	16762.2
15°	14523.2	14813.5	15124.0	15546.8	15807.5	15798.4	15812.0	15913.6	16013.6	16128.8	16347.0
16°	13907.4	14255.4	14562.4	14982.8	15251.3	15237.7	15225.6	15284.7	15412.0	15602.9	15874.2
17°	13276.6	13697.1	14007.1	14370.9	14629.8	14635.9	14580.0	14597.4	14761.2	15011.4	15313.4
18°	12602.9	13112.9	13426.9	13724.2	13945.8	13970.9	13880.2	13863.2	14047.9	14386.6	14686.1
19°	11880.5	12464.0	12808.6	13041.8	13199.1	13240.5	13123.3	13080.6	13294.1	13686.3	13977.7
20°	11095.5	11735.1	12107.1	12304.4	12390.6	12452.8	12319.6	12262.4	12485.0	12916.8	13224.7
21°	10254.9	10913.8	11317.9	11487.3	11530.8	11626.2	11479.1	11425.8	11653.7	12106.2	12407.8
22°	9376.7	10037.2	10457.9	10605.0	10649.7	10753.5	10625.3	10578.9	10815.6	11253.6	11557.0
23°	8506.4	9135.9	9558.1	9672.6	9720.9	9859.1	9761.7	9734.4	9962.6	10382.5	10658.0
24°	7654.1	8238.5	8625.4	8760.0	8817.2	8955.0	8898.9	8886.2	9122.6	9496.2	9748.6
25°	6869.0	7363.2	7736.9	7863.0	7915.9	8095.3	8044.5	8053.5	8294.3	8629.9	8841.8
26°	6139.8	6550.6	6878.4	7016.8	7073.9	7218.2	7203.5	7237.6	7470.9	7766.7	7964.7
27°	5517.7	5858.7	6137.7	6268.9	6307.4	6424.7	6423.0	6474.4	6692.8	6955.1	7126.0
28°	4992.1	5266.4	5479.2	5592.3	5618.3	5692.1	5712.9	5776.7	5959.6	6188.7	6349.7
29°	4578.7	4813.9	4968.5	5037.9	5030.6	5063.2	5102.3	5187.3	5331.1	5507.7	5654.5
30°	4253.7	4456.7	4557.4	4574.2	4536.6	4546.0	4608.9	4706.5	4809.7	4922.0	5043.2
31°	3996.0	4187.1	4252.3	4212.3	4140.2	4139.1	4221.4	4327.6	4398.8	4445.4	4549.6
32°	3793.0	3970.9	4000.4	3916.5	3826.5	3815.6	3914.7	4027.4	4074.5	4076.2	4145.3
33°	3626.6	3796.0	3809.5	3683.4	3567.5	3563.7	3668.7	3789.2	3813.1	3774.9	3823.0
34°	3483.1	3657.3	3642.3	3492.2	3362.4	3357.4	3471.1	3594.8	3605.7	3535.2	3565.7
35°	3359.4	3538.5	3500.7	3328.6	3183.8	3185.1	3302.6	3429.1	3431.8	3338.3	3351.5
36°	3245.9	3431.2	3375.2	3183.2	3030.3	3034.7	3156.8	3289.2	3280.9	3168.6	3174.8
37°	3135.1	3326.4	3255.5	3051.2	2904.0	2910.4	3028.6	3160.1	3141.9	3019.2	3020.9
38°	3019.3	3216.2	3137.7	2931.3	2777.6	2786.3	2914.8	3043.7	3014.0	2883.3	2884.3
39°	2899.3	3102.2	3017.2	2811.6	2651.2	2662.0	2801.0	2928.6	2893.6	2755.2	2756.0
40°	2779.3	2981.2	2885.4	2691.7	2522.7	2535.9	2687.2	2808.7	2766.7	2629.1	2630.3
41°	2659.1	2854.9	2753.7	2560.8	2394.4	2409.8	2563.2	2682.5	2637.3	2503.9	2506.8
42°	2517.7	2728.4	2621.2	2420.1	2265.0	2282.1	2433.3	2550.3	2498.8	2374.4	2380.0
43°	2379.4	2588.2	2470.5	2278.9	2132.2	2153.9	2300.6	2407.3	2351.6	2245.6	2249.8
44°	2242.7	2445.8	2321.0	2131.0	1995.8	2022.2	2167.4	2262.4	2196.9	2111.0	2120.2

REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2113.1	2307.9	2171.9	1986.9	1858.7	1880.7	2031.6	2120.7	2039.8	1975.2	1990.4
46°	1986.1	2174.6	2036.7	1852.9	1730.3	1743.8	1899.6	1983.7	1884.6	1835.2	1863.5
47°	1846.3	2024.3	1898.5	1733.4	1611.2	1612.3	1769.0	1858.4	1746.5	1701.4	1741.7
48°	1686.2	1868.8	1734.1	1585.7	1479.4	1471.4	1627.6	1722.6	1603.3	1575.3	1623.6
49°	1541.6	1727.3	1573.9	1417.7	1312.9	1302.4	1473.5	1582.3	1458.1	1443.5	1484.4
50°	1419.5	1631.4	1454.8	1267.1	1135.7	1152.8	1310.1	1436.6	1347.6	1310.9	1351.4
51°	1306.6	1509.3	1367.2	1143.2	972.5	1023.2	1165.3	1331.1	1237.3	1178.2	1195.0
52°	1216.3	1384.1	1265.2	1007.2	826.8	887.3	1055.2	1226.0	1126.9	1045.6	1038.0
53°	1162.8	1312.5	1208.4	940.4	743.1	800.1	983.7	1120.8	1034.6	949.4	946.1
54°	1095.5	1246.4	1148.3	864.2	656.1	736.1	931.8	1027.2	942.6	871.9	875.7
55°	1026.5	1160.1	1055.8	782.4	570.8	678.0	890.0	942.0	856.0	806.5	809.8
56°	929.2	1062.3	955.9	705.2	500.5	630.3	845.4	872.1	781.9	755.9	750.6
57°	837.0	959.8	864.4	632.1	452.9	591.8	786.6	796.4	706.9	708.9	693.3
58°	769.1	871.6	782.9	566.6	420.4	556.3	729.0	726.2	630.5	644.2	641.1
59°	696.3	800.8	707.1	515.9	391.9	507.5	690.3	671.2	588.4	591.0	591.5
60°	619.9	724.0	632.6	477.8	366.6	457.9	631.9	614.9	531.0	556.9	545.9
61°	557.6	644.1	564.2	432.2	343.0	420.4	567.5	555.9	467.3	511.0	502.5
62°	503.9	574.0	502.2	388.8	322.0	391.2	519.5	512.6	421.3	464.4	461.2
63°	453.2	509.6	451.9	353.8	301.1	362.4	482.1	474.4	381.6	420.1	423.9
64°	414.6	454.9	407.7	325.5	283.2	335.2	439.0	435.7	347.4	383.0	388.7
65°	376.9	405.2	370.1	297.2	266.2	308.1	398.9	399.7	320.2	351.6	356.3
66°	342.0	364.3	337.1	274.5	249.4	281.1	362.4	365.5	295.1	321.6	326.9
67°	307.2	323.4	304.0	252.1	232.6	257.9	327.2	332.4	273.0	293.6	299.2
68°	272.5	282.7	270.9	229.6	216.1	237.3	292.3	300.3	251.4	266.4	271.4
69°	242.3	247.7	241.4	208.4	200.3	216.6	263.1	270.0	230.4	239.9	243.4
70°	212.2	217.4	214.3	191.3	184.8	196.6	235.8	241.4	210.0	214.9	217.2
71°	186.0	191.2	189.4	179.7	169.0	177.8	211.6	216.1	190.1	190.6	193.4
72°	162.6	167.7	167.1	171.4	153.6	160.7	189.3	199.2	171.9	169.7	172.1
73°	141.4	145.6	146.2	151.5	138.0	144.6	168.4	182.6	154.4	150.5	152.4
74°	121.4	125.5	126.3	128.8	122.5	128.8	148.6	157.5	137.7	133.9	135.5
75°	103.5	107.6	107.8	110.4	107.8	113.8	129.6	134.2	122.0	117.4	117.8
76°	88.0	91.6	91.9	93.9	93.9	99.6	111.3	115.6	106.3	100.8	100.0
77°	74.2	77.5	77.6	80.0	80.6	85.8	95.5	97.1	90.7	86.3	85.0
78°	61.7	64.9	64.5	67.7	67.5	72.6	81.0	82.5	77.0	73.1	71.0
79°	50.6	53.6	52.9	57.1	55.9	61.4	68.0	69.7	64.7	61.7	58.9
80°	40.7	43.4	42.6	46.9	45.6	50.7	55.9	57.1	52.9	50.3	48.1
81°	33.6	36.0	35.1	38.3	37.4	41.6	45.2	46.2	42.0	40.3	38.4
82°	26.5	28.6	27.6	29.6	29.2	32.6	37.0	37.2	33.4	31.6	29.1
83°	19.5	21.2	20.3	21.0	21.1	23.6	28.8	28.9	25.1	23.4	20.7
84°	15.7	17.2	16.5	15.2	16.8	18.4	20.6	21.0	19.1	17.3	14.2
85°	11.2	12.3	11.9	9.5	12.1	13.6	15.1	14.0	14.3	12.5	9.5
86°	5.8	6.3	6.6	5.1	7.0	8.5	9.4	8.9	9.2	7.6	4.9
87°	2.0	2.1	2.4	2.2	2.9	3.5	4.2	3.9	4.0	2.7	1.5
88°	0.9	0.9	1.0	1.0	1.0	1.2	1.4	1.1	1.2	0.7	0.4
89°	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324
CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	19283.9	19283.9	19283.9
1°	19333.9	19326.3	19303.6
2°	19320.3	19274.8	19232.4
3°	19241.5	19165.7	19099.0
4°	19100.5	18992.9	18912.6
5°	18921.7	18782.3	18688.3
6°	18720.1	18558.0	18447.4
7°	18498.9	18330.7	18209.4
8°	18273.1	18109.4	17997.3
9°	18060.9	17900.3	17779.1
10°	17841.2	17685.1	17547.2
11°	17609.3	17445.7	17277.5
12°	17363.8	17168.3	16954.7
13°	17063.8	16818.3	16571.3
14°	16709.2	16416.7	16136.3
15°	16284.8	15963.6	15655.9
16°	15806.0	15475.6	15154.3
17°	15280.1	14954.6	14624.1
18°	14691.7	14406.8	14072.0
19°	14055.9	13842.3	13499.8
20°	13370.4	13251.7	12895.3
21°	12623.6	12592.2	12222.3
22°	11831.0	11852.7	11471.5
23°	10953.9	11040.8	10654.1
24°	10046.0	10153.4	9787.0
25°	9135.9	9251.6	8917.0
26°	8228.5	8329.6	8037.4
27°	7362.7	7441.1	7188.0
28°	6548.5	6596.7	6394.8
29°	5816.5	5850.6	5717.0
30°	5189.0	5220.8	5157.2
31°	4681.3	4739.4	4717.2
32°	4280.0	4364.0	4374.0
33°	3962.9	4075.5	4110.6
34°	3712.1	3853.6	3902.1
35°	3506.6	3673.3	3733.6
36°	3341.8	3529.1	3593.5
37°	3199.7	3404.7	3472.8
38°	3067.7	3289.6	3360.6
39°	2939.6	3171.2	3246.5
40°	2812.9	3044.7	3124.1
41°	2684.3	2915.2	2996.5
42°	2546.7	2780.8	2858.9
43°	2414.4	2644.0	2714.0
44°	2281.8	2498.0	2562.3

REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2146.2	2347.0	2397.3
46°	2010.2	2192.8	2230.0
47°	1872.3	2042.7	2067.5
48°	1739.9	1893.2	1915.8
49°	1600.1	1734.7	1754.9
50°	1437.2	1572.9	1606.8
51°	1301.0	1397.6	1490.6
52°	1165.2	1273.9	1346.3
53°	1029.3	1151.7	1216.0
54°	937.7	1029.4	1086.1
55°	862.8	953.9	996.0
56°	808.1	879.3	893.2
57°	741.9	792.3	794.3
58°	678.0	716.2	698.8
59°	620.6	652.4	632.1
60°	567.6	583.0	565.5
61°	521.3	521.8	505.7
62°	474.3	475.1	451.9
63°	429.0	431.2	407.0
64°	389.9	391.5	364.5
65°	355.4	354.0	328.5
66°	321.1	320.9	298.2
67°	287.7	293.0	270.6
68°	258.1	265.8	244.7
69°	230.2	239.9	220.8
70°	206.6	214.8	197.6
71°	185.2	192.0	177.1
72°	169.8	171.2	157.3
73°	162.4	150.7	138.9
74°	144.3	132.8	122.7
75°	120.6	114.9	106.6
76°	100.5	97.0	90.6
77°	86.6	81.6	77.0
78°	72.7	67.1	63.5
79°	58.8	53.8	50.0
80°	47.2	41.9	39.0
81°	36.1	31.5	29.7
82°	27.0	23.1	22.1
83°	19.3	16.9	15.7
84°	13.8	12.0	11.0
85°	8.3	7.1	6.4
86°	2.9	2.2	1.7
87°	0.7	0.6	0.5
88°	0.3	0.3	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-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: P1440324

CATALOG NUMBER: XSF100-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)