

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: P1440344

Luminaire Tested: XSF200-SFTR-4Hx4V-840-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440344
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-4Hx4V-840-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W 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: 25317.6 lumens
Efficiency: N/A
Efficacy: 163.3 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 155
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

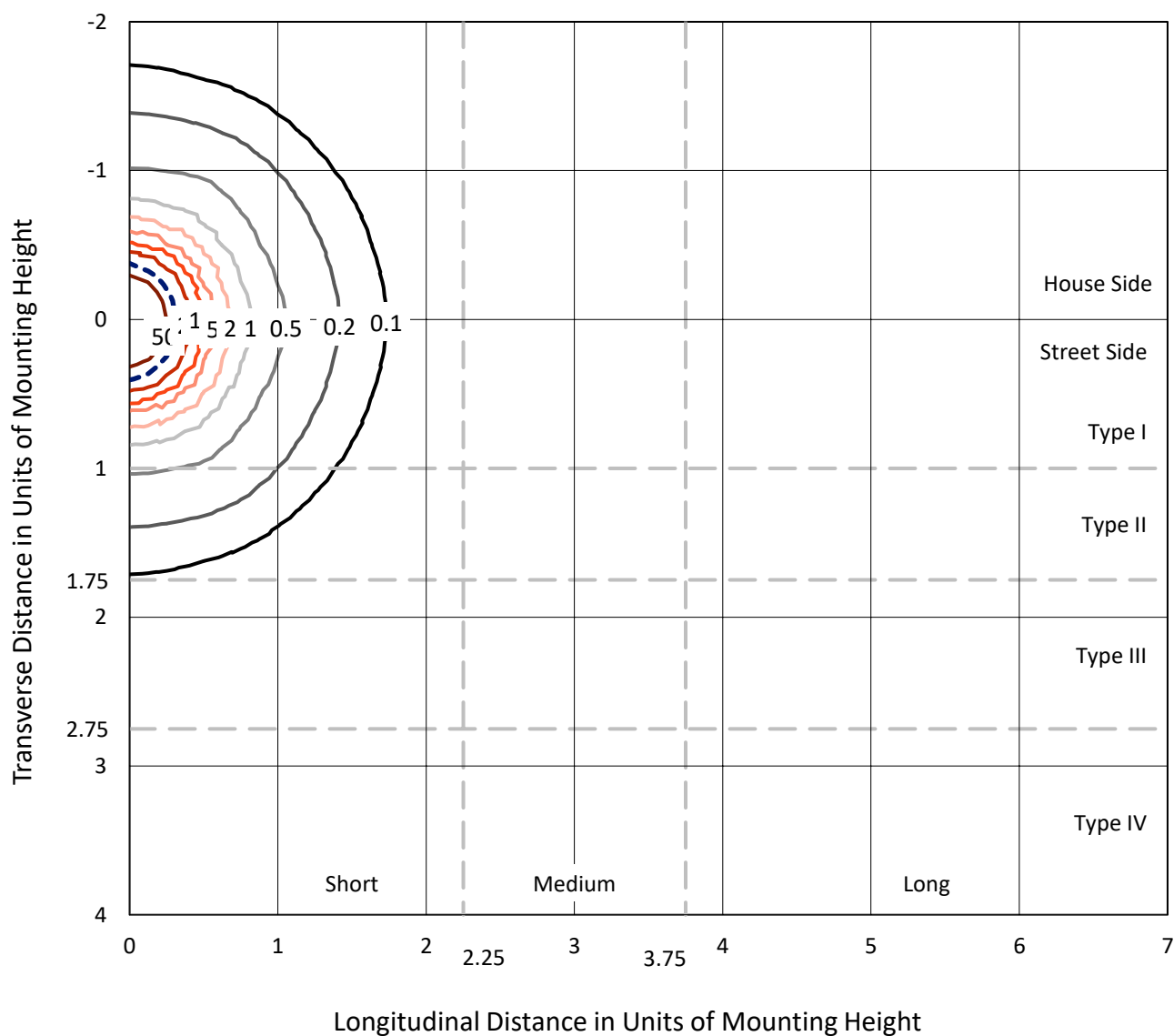
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



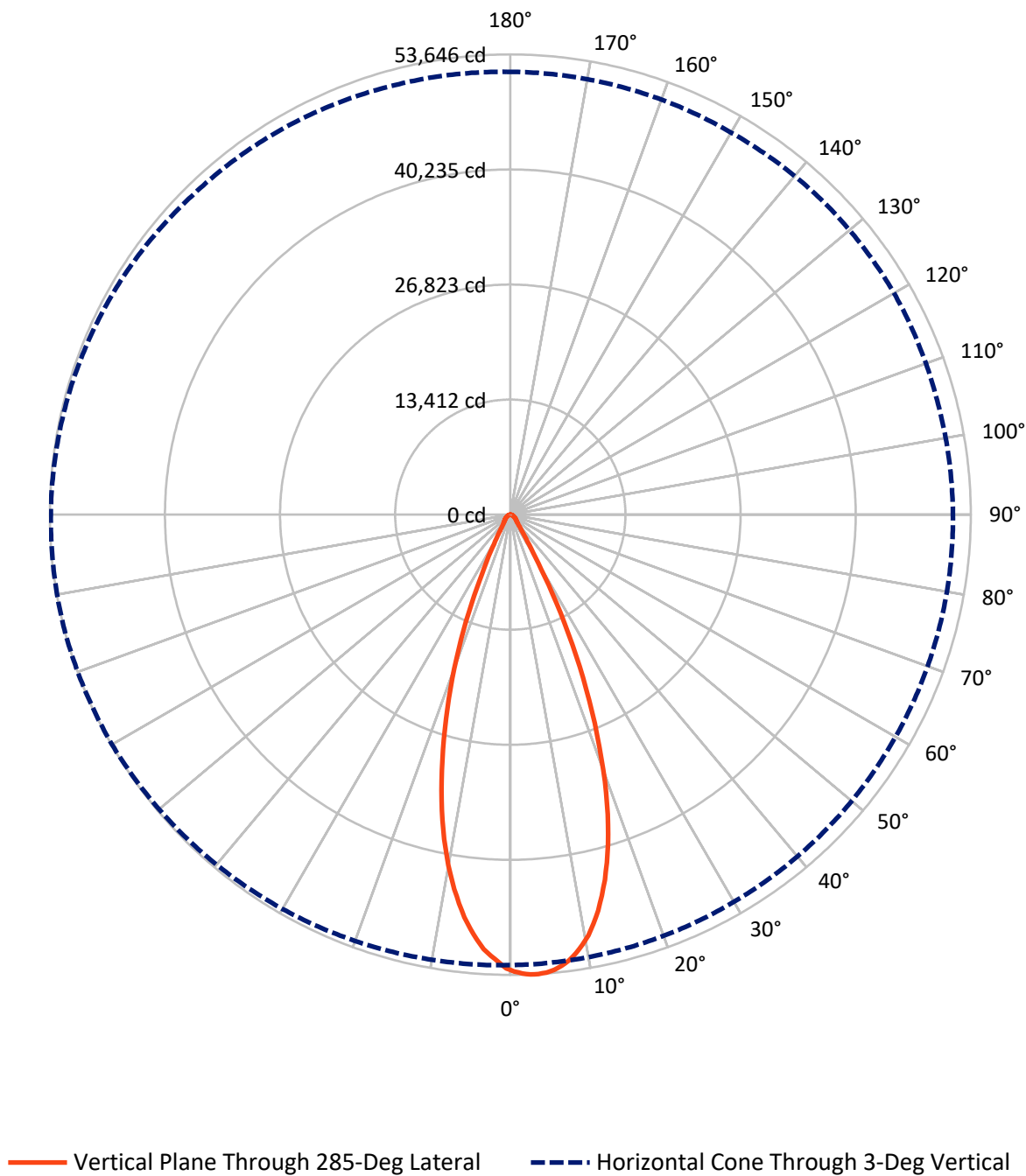
Based on 25 foot mounting height. Maximum calculated value = 85.2 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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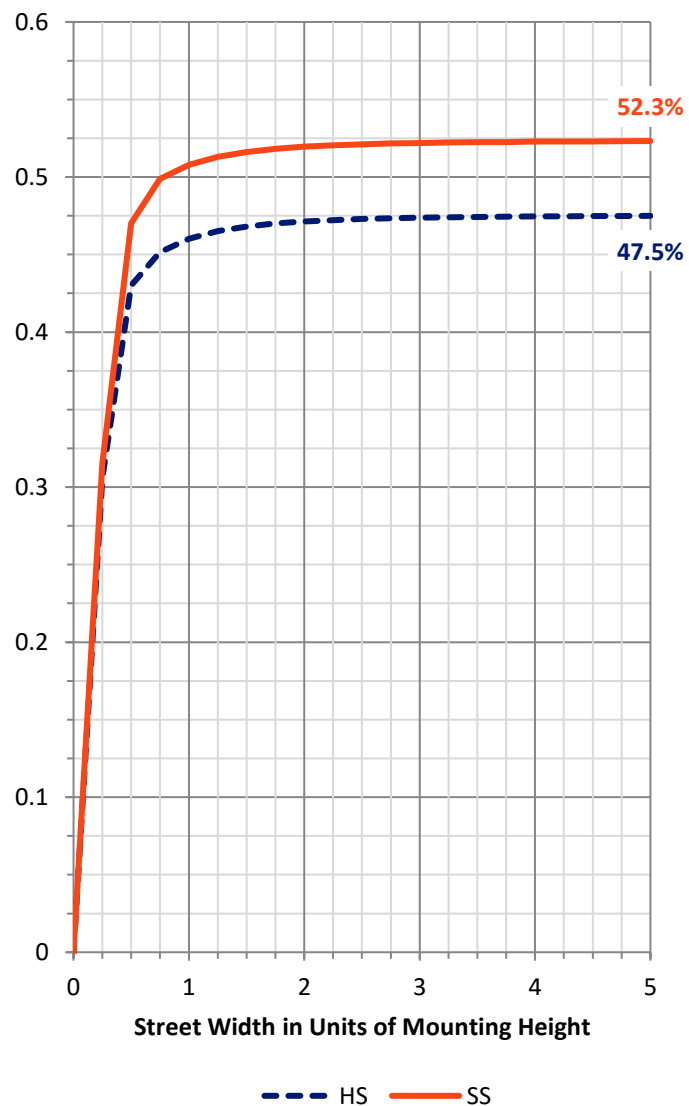
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12192.5	0.0	12192.5
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	13125.2	0.0	13125.2
	% Fixture	51.8	0.0	51.8
Total	Lumens	25317.6	0.0	25317.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4715.0	18.6
10°-20°	10484.0	41.4
20°-30°	6714.3	26.5
30°-40°	1496.0	5.9
40°-50°	778.8	3.1
50°-60°	566.3	2.2
60°-70°	364.7	1.4
70°-80°	174.5	0.7
80°-90°	24.0	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°	25317.6	100.0
0°-180°	25317.6	100.0

Coefficient of Utilization



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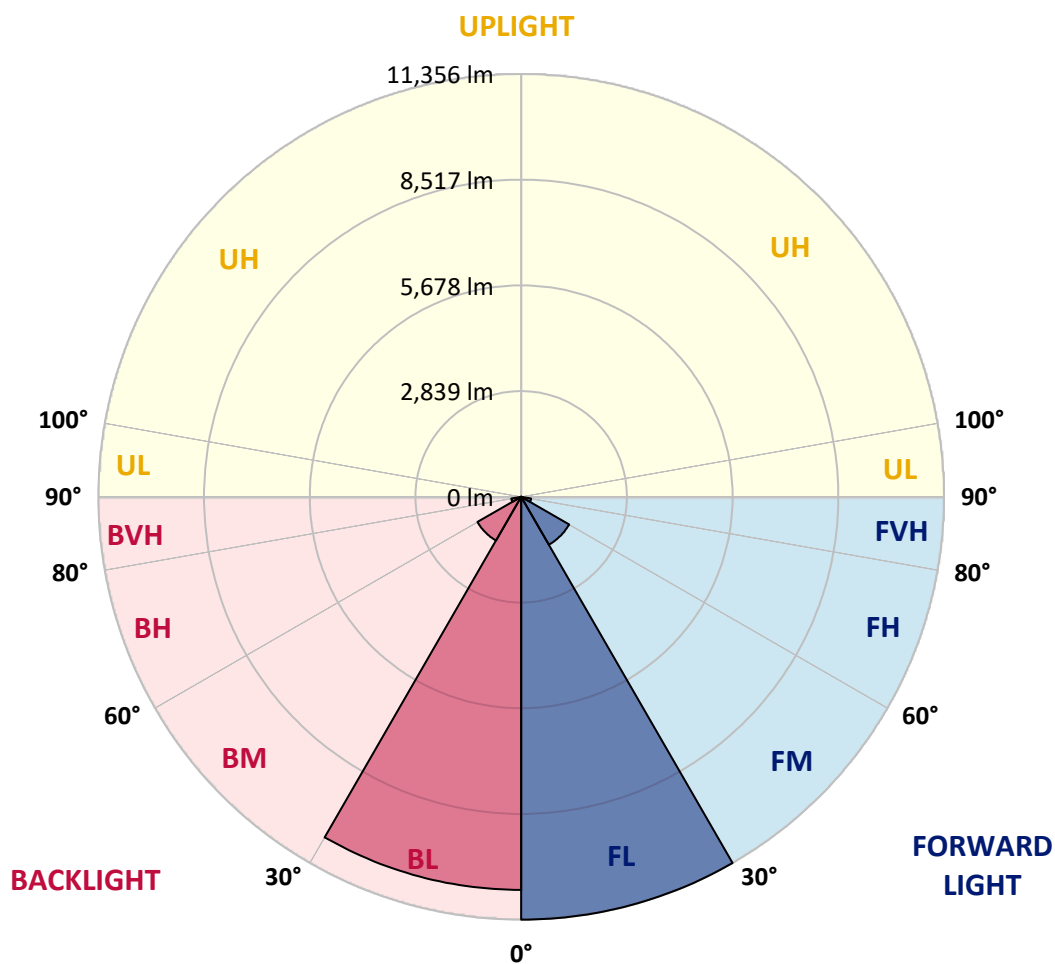
CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	11355.9	44.9			
FM	(30°-60°)	1487.2	5.9			
FH	(60°-80°)	270.7	1.1			G0/660
FVH	(80°-90°)	11.3	0.0			G1/100
BL	(0°-30°)	10557.4	41.7	B5		
BM	(30°-60°)	1353.9	5.3	B2/2500		
BH	(60°-80°)	268.5	1.1	B1/500		G1/500
BVH	(80°-90°)	12.7	0.1			G1/100
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°	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3
1°	53268.6	53205.2	53103.3	53015.1	52938.0	52858.1	52899.4	52882.8	52858.1	52852.5	52852.5
2°	53015.1	52863.6	52690.0	52585.3	52455.8	52373.1	52235.4	52177.5	52246.4	52218.9	52139.0
3°	52508.1	52309.8	52108.6	51973.6	51816.6	51692.6	51568.6	51472.2	51626.5	51579.7	51425.4
4°	51827.6	51607.2	51373.0	51188.4	51028.6	50860.6	50899.1	50755.9	50681.5	50676.0	50709.0
5°	51042.4	50772.4	50518.9	50298.5	50064.3	49832.9	49874.2	49700.6	49645.5	49670.3	49753.0
6°	50207.6	49915.5	49618.0	49287.3	48973.3	48686.7	48667.4	48513.1	48504.9	48584.8	48799.7
7°	49405.8	49069.7	48656.4	48196.3	47772.0	47422.1	47350.5	47223.7	47204.4	47438.6	47807.8
8°	48650.9	48254.2	47692.1	47047.4	46466.0	45972.9	45884.7	45722.1	45802.0	46196.0	46760.8
9°	47890.5	47441.4	46697.5	45826.8	45022.3	44416.2	44242.6	44135.2	44297.7	44837.7	45650.5
10°	47149.3	46534.9	45650.5	44540.2	43507.0	42765.8	42487.6	42413.2	42708.0	43429.8	44424.5
11°	46281.4	45545.8	44482.3	43176.4	41936.5	40952.9	40625.1	40589.3	40991.5	41862.1	43055.1
12°	45179.4	44399.7	43239.7	41718.9	40294.5	39095.9	38597.3	38589.0	39159.3	40176.0	41506.7
13°	43912.0	43044.1	41765.7	40123.6	38511.9	37112.2	36492.3	36489.6	37194.9	38365.8	39806.8
14°	42451.8	41506.7	40076.8	38379.6	36652.1	35021.0	34238.6	34293.7	35109.2	36404.1	37911.2
15°	40870.3	39801.3	38211.5	36500.6	34585.7	32816.9	31935.2	31984.8	32910.6	34282.7	35831.1
16°	39175.8	37949.8	36172.7	34470.0	32395.4	30510.8	29554.8	29631.9	30590.7	32064.7	33588.4
17°	37437.3	36026.7	34103.6	32274.1	30141.6	28152.4	27199.6	27262.2	28215.8	29722.8	31293.3
18°	35731.9	34048.5	31935.2	30017.6	27816.3	25870.3	24867.4	24896.6	25801.7	27296.6	28912.8
19°	33888.7	32004.1	29692.5	27648.2	25397.5	23559.0	22554.7	22544.2	23364.7	24740.9	26409.2
20°	31924.2	29844.1	27384.0	25117.3	23078.5	21246.8	20286.6	20249.2	20997.5	22172.3	23818.2
21°	29725.6	27471.9	24892.2	22740.7	20760.0	18934.7	18002.3	17947.2	18608.5	19586.0	21064.4
22°	27222.8	25430.0	22395.2	20367.6	18390.5	16629.1	15745.0	15684.9	16247.3	17022.9	18338.5
23°	24420.5	22543.7	19898.2	17916.1	16062.4	14369.6	13529.8	13457.9	13953.9	14555.9	15685.5
24°	21613.3	19635.3	17370.6	15533.4	13793.0	12196.1	11403.9	11312.2	11729.1	12211.8	13190.1
25°	18806.0	16897.2	14906.1	13217.1	11627.9	10211.5	9504.0	9371.2	9681.1	10078.7	10910.2
26°	15965.7	14282.6	12557.0	11052.4	9645.0	8449.3	7856.4	7677.3	7884.5	8203.5	8862.9
27°	13093.1	11774.0	10381.8	9120.7	7938.8	6954.9	6718.5	6548.8	6694.3	6945.8	7168.1
28°	10453.7	9478.6	8433.6	7440.9	6474.9	5705.1	5580.9	5420.0	5504.3	5687.8	6065.8
29°	8287.8	7573.2	6846.6	6063.9	5316.1	4706.4	4444.9	4295.3	4325.6	4442.7	4963.4
30°	6493.1	6022.5	5523.3	4943.1	4374.1	3889.8	3707.4	3570.7	3579.5	3667.1	3866.9
31°	5119.7	4823.2	4482.9	4062.2	3626.1	3250.8	3121.1	3004.2	3007.8	3082.8	3215.6
32°	4067.2	3881.8	3687.3	3376.5	3045.6	2764.0	2667.5	2557.5	2567.4	2634.6	2722.5
33°	3319.4	3195.5	3070.1	2844.4	2586.4	2456.0	2316.0	2216.0	2225.2	2282.5	2349.7
34°	2754.4	2677.1	2607.5	2522.7	2301.3	2151.5	2049.4	1949.4	1953.2	2013.2	2067.6
35°	2429.8	2375.7	2335.5	2201.5	2018.6	1847.1	1838.0	1740.8	1739.8	1798.4	1852.4
36°	2109.2	2077.9	2064.4	1880.3	1735.9	1665.1	1672.9	1576.5	1572.4	1631.2	1688.0
37°	1788.5	1780.1	1793.4	1683.5	1564.0	1519.5	1539.9	1443.9	1434.1	1493.2	1556.9
38°	1603.8	1602.6	1632.8	1528.4	1426.5	1400.0	1429.2	1334.0	1323.6	1382.5	1452.9
39°	1457.5	1459.5	1506.2	1399.8	1313.7	1300.3	1340.1	1245.2	1231.8	1291.7	1369.7
40°	1338.0	1343.6	1403.6	1292.8	1221.6	1218.3	1265.5	1170.8	1156.0	1217.5	1300.2
41°	1240.9	1248.5	1318.7	1208.5	1144.8	1149.6	1203.0	1108.5	1092.2	1155.4	1242.4
42°	1157.0	1169.7	1246.9	1137.8	1080.5	1091.9	1151.0	1054.7	1037.3	1103.1	1190.9
43°	1086.2	1102.8	1185.1	1077.8	1023.2	1040.8	1105.6	1008.9	990.8	1058.6	1145.7
44°	1023.9	1045.4	1129.4	1025.3	972.4	995.3	1065.0	968.9	947.7	1020.0	1106.1

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CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	969.2	993.7	1080.6	979.4	927.2	954.2	1028.2	932.5	909.1	983.4	1066.1
46°	919.5	947.4	1035.9	939.4	887.2	917.1	992.5	897.0	873.6	947.4	1023.8
47°	876.3	905.4	995.1	904.5	850.6	882.3	953.5	862.5	839.8	910.1	976.8
48°	836.4	866.2	956.8	871.0	816.6	846.5	913.9	828.8	808.0	873.2	929.6
49°	797.7	826.9	916.1	838.0	783.9	812.4	875.2	795.9	777.3	835.6	881.4
50°	761.0	788.4	873.1	804.9	752.8	778.4	834.8	763.2	747.0	798.3	834.0
51°	727.4	749.8	827.5	769.9	722.4	743.7	793.5	730.5	718.2	762.1	788.4
52°	695.8	712.4	781.7	735.3	692.5	708.2	753.2	699.1	689.0	725.6	743.9
53°	666.9	677.3	737.2	700.4	663.2	674.3	715.1	667.6	659.9	690.1	701.2
54°	638.3	642.0	693.5	666.1	634.2	641.3	677.1	638.2	631.6	655.0	660.4
55°	610.4	608.5	651.3	632.3	606.3	610.1	642.2	609.5	604.2	621.8	625.3
56°	582.8	576.4	610.9	598.7	579.2	581.5	612.4	580.8	576.8	588.7	591.1
57°	556.3	546.4	573.3	566.0	552.9	554.5	582.6	552.1	549.4	555.6	557.0
58°	528.4	517.1	540.5	534.0	527.2	528.4	552.9	525.5	524.4	523.4	526.6
59°	502.7	490.1	510.0	502.7	502.7	503.8	526.4	500.1	499.8	493.2	497.4
60°	476.0	463.6	480.0	471.7	477.2	480.2	500.4	475.6	475.2	464.6	469.6
61°	451.1	438.5	451.4	443.0	452.5	458.0	476.0	453.0	450.6	439.2	443.2
62°	427.2	415.1	425.4	417.8	429.8	436.2	456.5	432.1	427.5	417.0	422.0
63°	403.2	393.2	402.3	395.0	406.9	415.9	442.3	412.2	405.5	396.2	403.8
64°	380.3	373.5	383.8	374.4	384.9	395.8	428.3	392.6	383.7	376.0	387.1
65°	357.6	353.9	367.8	354.5	363.0	375.9	411.0	372.3	361.9	356.0	368.3
66°	335.1	335.2	351.9	334.6	340.9	356.4	392.5	352.1	339.5	336.6	346.0
67°	313.3	316.7	331.5	314.6	318.6	337.5	371.7	332.3	316.7	317.8	320.4
68°	291.3	297.0	306.5	294.9	295.2	316.5	349.1	311.3	292.8	298.3	293.6
69°	268.0	277.6	282.0	273.7	270.4	294.2	324.6	289.7	267.0	277.4	276.1
70°	245.7	255.8	260.5	251.7	247.0	272.2	305.9	267.7	241.3	255.9	295.0
71°	223.5	235.0	265.8	229.7	223.6	249.5	335.4	245.0	218.9	233.6	306.7
72°	201.2	214.2	271.6	207.6	200.2	226.7	306.8	222.5	198.4	211.1	283.5
73°	181.9	193.4	277.4	185.3	179.3	203.9	258.6	200.2	177.9	187.8	234.9
74°	163.7	171.8	230.2	164.5	159.5	182.4	217.3	178.7	158.5	165.6	200.2
75°	145.4	150.0	184.3	143.8	140.6	161.4	187.2	159.2	140.3	145.6	174.6
76°	128.2	130.6	152.5	124.8	122.9	140.6	164.6	141.6	122.5	125.9	151.4
77°	110.9	111.8	128.7	107.2	106.2	119.8	145.1	122.5	105.9	106.5	130.7
78°	93.9	92.8	108.9	90.2	90.0	100.4	127.2	102.8	89.7	88.5	110.7
79°	77.4	74.8	90.9	73.7	74.9	82.5	108.9	84.9	74.6	73.5	93.4
80°	61.9	58.9	73.1	58.7	60.7	66.7	90.9	70.4	61.6	58.6	76.2
81°	48.2	44.9	55.5	45.5	47.7	52.5	74.2	55.9	48.6	43.7	61.4
82°	35.5	32.8	40.9	33.3	36.1	40.1	59.9	41.5	35.6	33.1	46.6
83°	28.3	26.3	28.0	26.0	27.6	30.7	45.5	32.1	28.2	25.9	31.9
84°	21.2	19.9	18.6	18.8	21.6	23.4	31.2	26.3	22.5	20.8	22.7
85°	14.2	13.4	9.3	11.6	15.6	16.2	19.4	19.5	16.1	14.5	13.4
86°	3.0	3.1	3.1	5.3	6.9	9.0	10.1	10.6	8.5	7.7	6.3
87°	0.8	0.8	0.8	1.1	2.0	2.9	4.0	3.4	2.7	3.1	2.6
88°	0.4	0.4	0.4	0.4	0.5	0.8	1.1	1.2	1.2	1.2	1.3
89°	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.5	0.5	0.5



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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: P1440344

CATALOG NUMBER: XSF200-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



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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: P1440344

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3	53249.3
1°	52926.9	52965.5	53059.2	53139.1	53230.0	53304.4	53370.5	53450.4	53502.8	53522.1	53502.8
2°	52216.1	52290.5	52450.3	52794.7	53015.1	53235.5	53414.6	53568.9	53640.5	53635.0	53524.8
3°	51505.3	51615.5	51841.4	52205.1	52508.1	52984.8	53329.2	53544.1	53646.0	53582.7	53337.5
4°	50791.7	50940.5	51229.7	51612.7	52003.9	52549.5	53119.8	53417.4	53535.8	53384.3	53001.3
5°	49915.5	50089.1	50386.7	50846.8	51497.0	52114.2	52822.2	53208.0	53312.7	53012.3	52497.1
6°	49020.1	49259.8	49568.4	50042.3	50769.6	51673.3	52265.7	52847.0	52921.4	52557.7	51899.3
7°	48155.0	48458.0	48816.2	49290.1	50028.5	50940.5	51706.4	52307.0	52400.7	51951.6	51213.2
8°	47284.3	47689.3	48086.1	48557.2	49243.3	50180.0	51147.1	51640.3	51717.4	51240.8	50455.5
9°	46364.1	46857.3	47314.6	47816.1	48460.8	49309.4	50268.2	50802.7	50860.6	50381.1	49651.0
10°	45314.4	45915.0	46466.0	47044.6	47609.4	48339.6	49221.2	49761.2	49885.2	49403.1	48805.2
11°	44085.6	44771.6	45457.7	46168.5	46714.0	47248.5	48017.2	48515.9	48637.1	48284.5	47904.2
12°	42674.9	43424.3	44217.8	45113.3	45694.6	46028.0	46631.4	47066.7	47251.3	47055.7	46959.2
13°	41057.6	41837.3	42768.6	43878.9	44545.7	44677.9	45088.5	45452.1	45689.1	45658.8	45848.9
14°	39255.7	40076.8	41112.7	42451.8	43192.9	43209.4	43440.9	43688.8	43975.4	44132.4	44631.1
15°	37316.1	38308.0	39354.9	40795.9	41641.7	41597.6	41636.2	41743.7	42085.3	42506.9	43231.5
16°	35296.6	36486.8	37555.8	38938.9	39831.6	39751.7	39688.3	39630.5	40063.0	40724.3	41652.8
17°	33266.0	34701.4	35751.2	36969.0	37834.1	37790.0	37577.8	37354.7	37900.2	38795.6	39812.3
18°	31089.4	32816.9	33919.0	34855.7	35572.1	35596.9	35288.3	34899.8	35489.4	36646.6	37707.3
19°	28717.2	30742.3	31904.9	32651.6	33136.5	33238.4	32742.5	32312.7	32985.0	34343.3	35417.8
20°	26166.7	28359.0	29667.7	30227.0	30488.8	30662.4	30169.2	29620.9	30318.0	31805.8	32850.0
21°	23385.1	25724.3	27060.0	27587.6	27706.1	27970.5	27392.2	26908.7	27623.4	29122.2	30163.7
22°	20521.9	22809.0	24221.9	24695.2	24818.4	25167.7	24671.5	24181.6	24907.9	26368.7	27359.4
23°	17637.8	19799.8	21181.8	21666.7	21843.3	22293.5	21853.0	21454.3	22191.6	23551.5	24437.3
24°	14861.7	16750.4	18101.5	18621.4	18881.2	19460.6	19100.0	18727.2	19475.0	20733.0	21514.1
25°	12225.5	13793.0	15054.0	15668.4	16032.4	16633.0	16380.9	16024.1	16799.7	17914.4	18590.8
26°	9865.7	11083.0	12224.7	12917.1	13362.1	13918.6	13681.9	13410.5	14164.1	15235.6	15804.8
27°	7869.3	8745.2	9733.2	10511.0	10928.7	11365.7	11180.5	10930.6	11631.8	12617.9	13177.2
28°	6577.2	7266.5	7627.7	8356.2	8792.3	9060.7	8903.1	8738.6	9330.7	10205.4	10747.1
29°	5285.0	5787.8	6358.9	6993.2	7002.8	7148.9	7022.9	6910.5	7367.1	8093.6	8612.4
30°	4003.3	4313.8	5089.9	5629.9	5753.9	5817.8	5739.3	5477.0	5781.7	6333.3	6771.9
31°	3278.9	3503.2	3841.3	4282.4	4506.6	4494.0	4456.5	4393.7	4595.1	4978.6	5346.1
32°	2734.7	2894.6	3144.5	3494.9	3659.7	3629.4	3602.7	3582.0	3710.9	3961.4	4240.2
33°	2334.5	2443.9	2638.9	2915.3	3031.2	2977.5	2972.6	2982.2	3062.1	3215.8	3421.7
34°	2034.4	2107.1	2252.5	2485.2	2551.6	2500.4	2507.7	2521.8	2580.2	2671.4	2815.5
35°	1799.4	1847.2	1964.4	2161.7	2192.9	2140.2	2158.6	2233.6	2296.6	2361.7	2477.8
36°	1621.9	1649.0	1745.5	1922.4	1918.6	1871.1	1894.8	1947.9	2015.7	2055.3	2143.0
37°	1477.3	1494.5	1571.6	1736.8	1709.9	1666.5	1693.8	1753.7	1734.9	1748.8	1808.3
38°	1362.0	1370.2	1435.7	1595.5	1547.1	1503.9	1532.1	1606.2	1573.3	1574.0	1620.1
39°	1267.7	1270.4	1327.8	1484.1	1418.0	1378.7	1403.5	1484.6	1441.6	1432.1	1473.0
40°	1191.0	1186.7	1239.8	1394.1	1313.6	1272.7	1297.7	1385.2	1333.4	1316.2	1353.5
41°	1126.8	1116.6	1166.6	1319.4	1228.0	1186.7	1210.6	1303.0	1244.7	1219.1	1258.0
42°	1072.1	1055.8	1106.0	1254.7	1158.9	1112.7	1136.1	1235.2	1167.8	1136.7	1177.6
43°	1025.5	1004.1	1054.0	1197.9	1100.3	1050.7	1072.7	1178.3	1102.5	1067.2	1111.0
44°	984.1	958.0	1009.1	1148.0	1049.1	996.1	1018.4	1128.3	1046.4	1006.9	1054.2

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CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	946.3	917.2	970.4	1103.5	1004.3	947.0	970.2	1085.6	998.0	955.2	1005.3
46°	910.0	879.3	935.0	1062.0	964.9	903.2	928.5	1046.5	954.2	907.5	961.6
47°	872.8	842.9	899.6	1021.6	928.3	863.3	890.6	1010.4	915.4	865.2	922.9
48°	835.1	809.5	864.0	978.1	893.3	826.8	857.6	976.7	880.3	827.8	887.8
49°	798.0	777.3	828.3	930.2	857.0	793.5	828.1	942.8	849.2	794.8	855.7
50°	761.0	746.0	792.7	882.4	819.5	761.7	796.9	906.1	820.1	763.0	825.2
51°	724.6	716.5	757.9	833.3	781.9	730.3	765.9	864.8	787.6	733.0	793.6
52°	688.8	686.1	723.2	786.1	744.6	699.6	733.0	822.9	753.8	703.1	760.8
53°	654.1	657.7	687.3	740.4	707.0	670.4	701.2	778.7	720.3	674.5	727.4
54°	622.0	630.7	653.0	695.4	669.1	641.2	669.3	734.3	686.8	646.5	692.4
55°	591.0	603.2	619.9	651.8	632.0	612.7	638.3	690.0	651.7	617.9	656.6
56°	560.1	575.7	586.7	614.8	598.7	584.3	607.2	648.5	618.2	589.7	619.4
57°	532.9	548.2	553.6	577.8	565.5	555.9	576.2	609.4	584.9	562.1	584.2
58°	506.0	523.0	522.5	541.0	532.4	529.0	545.2	575.7	554.6	534.8	551.0
59°	478.9	498.0	490.7	509.7	503.0	503.2	516.6	545.0	525.4	508.4	518.9
60°	453.3	473.7	460.2	479.0	473.4	477.7	488.2	517.0	496.9	482.7	487.0
61°	430.4	449.8	433.6	450.0	446.3	453.6	461.7	489.3	469.2	457.6	455.7
62°	410.4	426.3	411.2	425.9	421.1	430.2	437.5	463.8	443.6	433.5	426.6
63°	391.5	403.4	391.6	405.2	398.8	407.6	416.6	442.8	420.8	409.8	401.1
64°	372.9	380.9	373.1	389.5	378.0	385.3	397.8	428.2	400.5	387.6	379.5
65°	354.6	357.5	354.8	373.6	359.0	364.0	379.7	418.2	380.8	366.4	360.0
66°	335.1	335.1	336.3	356.0	340.0	342.4	361.4	406.4	362.1	344.9	341.1
67°	315.6	313.5	317.8	334.5	321.1	320.8	341.9	390.9	342.6	323.9	322.4
68°	295.1	290.4	297.9	309.1	302.8	298.9	322.5	372.6	324.1	302.2	304.0
69°	274.4	265.5	277.1	285.1	283.4	275.7	302.9	351.1	304.8	280.1	284.8
70°	253.3	241.8	256.4	272.3	262.6	251.6	282.3	327.8	284.5	255.3	264.7
71°	232.0	220.6	235.4	276.8	241.5	228.9	260.8	303.8	264.2	233.9	243.1
72°	210.1	201.1	214.1	289.4	219.7	208.2	238.5	301.7	241.9	212.5	221.4
73°	188.5	182.6	193.0	257.0	197.5	187.8	215.6	292.0	219.5	191.5	199.8
74°	167.2	164.3	171.3	209.3	175.5	167.9	193.3	248.5	197.2	171.5	178.1
75°	147.3	146.1	150.5	176.8	154.5	149.1	172.2	211.8	174.4	152.1	156.6
76°	128.1	128.5	131.5	150.9	134.1	131.3	151.5	175.2	153.9	133.8	136.4
77°	109.7	111.6	113.0	130.2	114.6	114.1	133.3	150.4	135.6	116.4	117.7
78°	92.4	95.2	94.9	111.5	95.8	97.8	114.7	129.7	115.2	99.6	99.6
79°	76.3	80.0	78.2	94.4	78.5	82.3	96.1	110.5	95.2	83.7	81.9
80°	63.3	66.8	64.8	77.9	64.7	68.6	78.4	92.7	77.3	68.8	66.3
81°	50.2	53.6	51.4	63.3	50.9	54.8	64.7	75.9	61.2	54.9	52.4
82°	37.2	40.5	38.3	48.7	37.0	41.1	50.9	60.5	47.4	42.2	39.3
83°	32.3	35.0	32.4	34.2	29.1	31.7	37.3	46.7	35.6	31.5	27.8
84°	31.0	34.2	31.7	25.6	26.8	27.7	31.0	33.9	29.8	25.0	21.7
85°	24.7	27.1	25.8	16.0	22.0	23.2	25.9	24.4	21.8	18.6	15.7
86°	12.8	13.8	14.8	8.0	13.5	15.3	16.9	14.9	13.8	12.2	9.1
87°	3.7	3.7	4.5	3.4	5.5	4.8	6.0	5.4	5.9	4.4	2.7
88°	1.5	1.6	1.6	1.5	1.6	1.8	2.5	1.9	1.7	1.1	0.6
89°	0.5	0.6	0.6	0.7	0.8	0.7	0.7	0.5	0.4	0.3	0.2

REPORT NUMBER: P1440344

CATALOG NUMBER: XSF200-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: P1440344

CATALOG NUMBER: XSF200-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: P1440344
CATALOG NUMBER: XSF200-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: P1440344

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	53249.3	53249.3	53249.3
1°	53439.4	53359.5	53268.6
2°	53370.5	53191.4	53015.1
3°	53073.0	52778.2	52508.1
4°	52566.0	52150.0	51827.6
5°	51937.8	51436.4	51042.4
6°	51196.7	50612.6	50207.6
7°	50433.5	49827.4	49405.8
8°	49692.4	49083.5	48650.9
9°	48926.4	48372.6	47890.5
10°	48199.1	47653.5	47149.3
11°	47444.1	46873.8	46281.4
12°	46623.1	45937.1	45179.4
13°	45620.2	44790.9	43912.0
14°	44421.7	43438.1	42451.8
15°	43041.4	41947.6	40870.3
16°	41448.9	40341.3	39175.8
17°	39691.1	38616.5	37437.3
18°	37773.5	36836.7	35731.9
19°	35701.6	35037.6	33888.7
20°	33373.4	33106.2	31924.2
21°	30962.7	30979.2	29725.6
22°	28309.4	28568.4	27222.8
23°	25559.8	25890.4	24420.5
24°	22595.5	22922.8	21613.3
25°	19629.8	19953.8	18806.0
26°	16664.4	16984.6	15965.7
27°	13850.5	14032.4	13093.1
28°	11226.2	11204.8	10453.7
29°	8937.2	8797.8	8287.8
30°	6994.3	6840.0	6493.1
31°	5486.1	5331.0	5119.7
32°	4345.7	4220.1	4067.2
33°	3494.9	3404.0	3319.4
34°	2885.2	2811.4	2754.4
35°	2550.6	2478.1	2429.8
36°	2220.5	2148.4	2109.2
37°	1890.4	1818.7	1788.5
38°	1708.3	1633.2	1603.8
39°	1573.4	1485.8	1457.5
40°	1462.9	1365.9	1338.0
41°	1377.6	1269.6	1240.9
42°	1305.7	1188.1	1157.0
43°	1244.8	1119.0	1086.2
44°	1189.8	1058.8	1023.9

REPORT NUMBER: P1440344

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1139.6	1005.9	969.2
46°	1092.3	958.2	919.5
47°	1048.9	915.4	876.3
48°	1008.1	878.7	836.4
49°	968.1	843.8	797.7
50°	927.8	810.4	761.0
51°	885.8	777.7	727.4
52°	839.0	743.8	695.8
53°	791.1	711.2	666.9
54°	741.7	678.2	638.3
55°	693.9	644.7	610.4
56°	646.1	611.1	582.8
57°	603.1	576.9	556.3
58°	563.3	542.9	528.4
59°	527.4	508.8	502.7
60°	496.6	476.8	476.0
61°	466.8	446.6	451.1
62°	437.9	418.8	427.2
63°	412.1	394.7	403.2
64°	391.1	374.2	380.3
65°	372.6	355.0	357.6
66°	358.0	337.0	335.1
67°	341.9	318.7	313.3
68°	318.8	299.3	291.3
69°	292.9	280.0	268.0
70°	269.5	259.3	245.7
71°	267.9	238.4	223.5
72°	266.6	217.5	201.2
73°	265.3	196.5	181.9
74°	241.2	176.2	163.7
75°	197.1	156.2	145.4
76°	162.1	135.0	128.2
77°	136.5	115.9	110.9
78°	115.3	97.8	93.9
79°	96.4	79.4	77.4
80°	78.1	62.8	61.9
81°	60.3	48.0	48.2
82°	44.9	35.2	35.5
83°	31.7	28.7	28.3
84°	22.7	22.3	21.2
85°	13.8	15.8	14.2
86°	4.8	4.5	3.0
87°	1.1	0.9	0.8
88°	0.5	0.5	0.4
89°	0.2	0.2	0.2

REPORT NUMBER: P1440344

CATALOG NUMBER: XSF200-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: P1440344

CATALOG NUMBER: XSF200-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: P1440344

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)