

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: P1440348

Luminaire Tested: XSF200-SFTR-4Hx4V-850-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440348
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-4Hx4V-850-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 4 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: 25780.6 lumens
Efficiency: N/A
Efficacy: 166.3 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

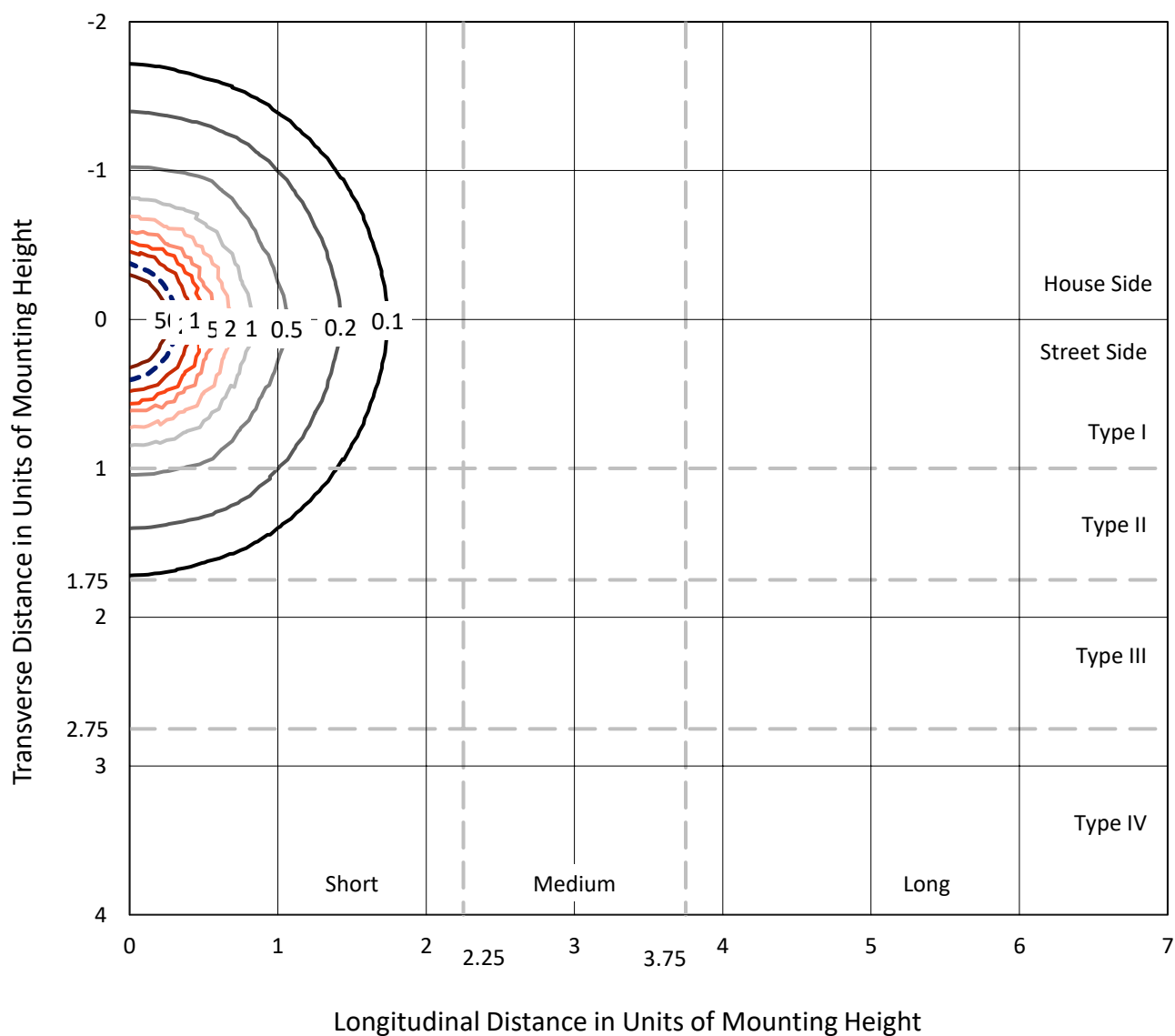
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



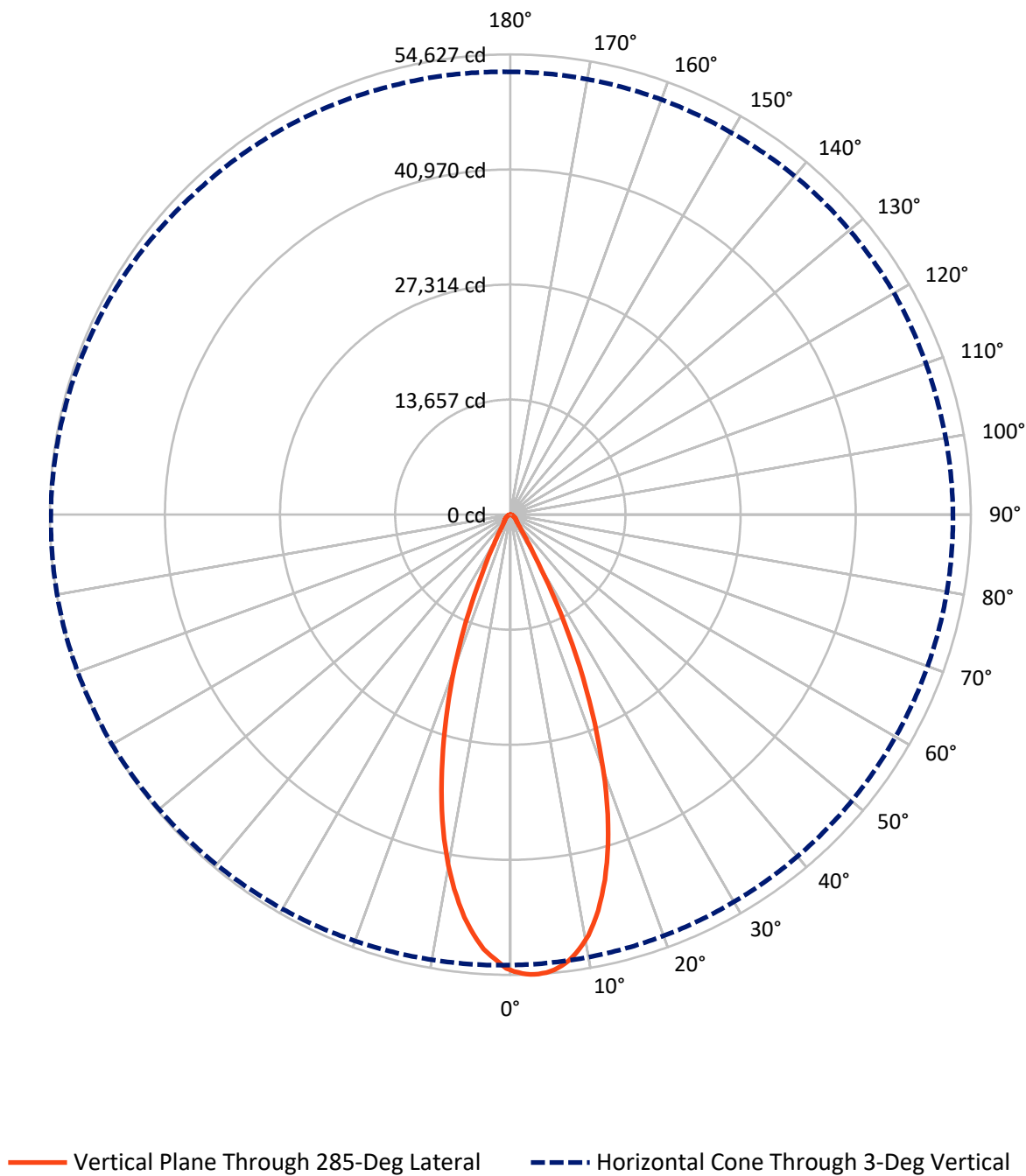
Based on 25 foot mounting height. Maximum calculated value = 86.8 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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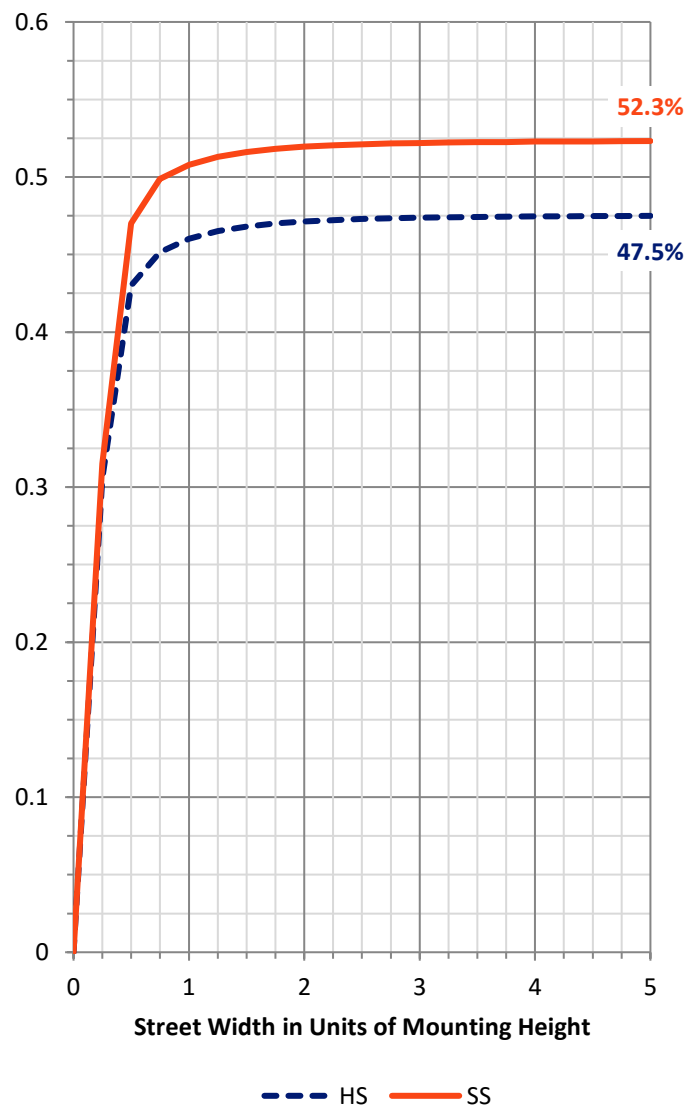
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12415.4	0.0	12415.4
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	13365.2	0.0	13365.2
	% Fixture	51.8	0.0	51.8
Total	Lumens	25780.6	0.0	25780.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4801.2	18.6
10°-20°	10675.7	41.4
20°-30°	6837.1	26.5
30°-40°	1523.4	5.9
40°-50°	793.0	3.1
50°-60°	576.7	2.2
60°-70°	371.4	1.4
70°-80°	177.6	0.7
80°-90°	24.5	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°	25780.6	100.0
0°-180°	25780.6	100.0

Coefficient of Utilization



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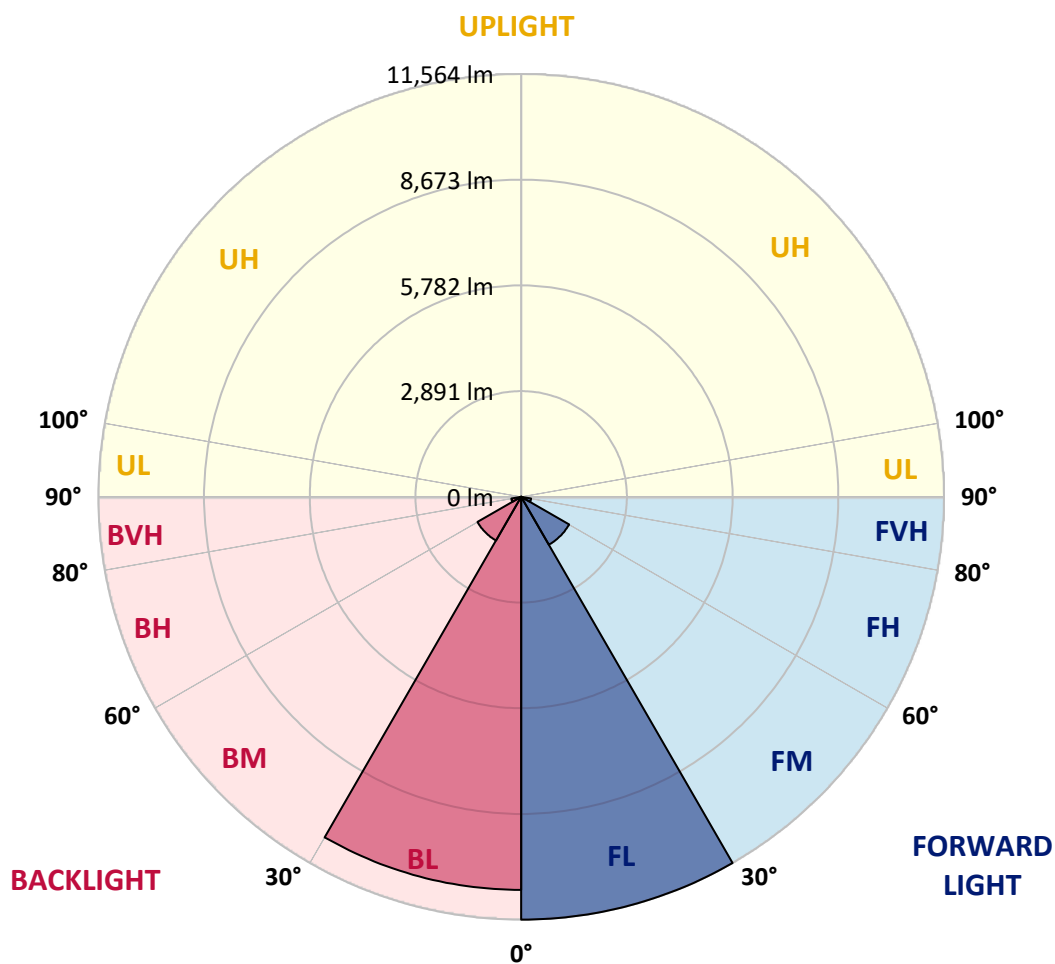
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	11563.6	44.9			
FM	(30°-60°)	1514.4	5.9			
FH	(60°-80°)	275.6	1.1			G0/660
FVH	(80°-90°)	11.6	0.0			G1/100
BL	(0°-30°)	10750.4	41.7	B5		
BM	(30°-60°)	1378.7	5.3	B2/2500		
BH	(60°-80°)	273.4	1.1	B1/500		G1/500
BVH	(80°-90°)	12.9	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°	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0
1°	54242.7	54178.2	54074.4	53984.6	53906.0	53824.7	53866.7	53849.9	53824.7	53819.0	53819.0
2°	53984.6	53830.3	53653.5	53546.9	53415.0	53330.9	53190.6	53131.7	53201.8	53173.8	53092.4
3°	53468.4	53266.4	53061.5	52924.1	52764.2	52637.9	52511.7	52413.5	52570.6	52522.9	52365.8
4°	52775.4	52550.9	52312.5	52124.5	51961.8	51790.6	51829.9	51684.0	51608.3	51602.7	51636.3
5°	51975.8	51700.8	51442.7	51218.3	50979.8	50744.2	50786.2	50609.5	50553.4	50578.6	50662.8
6°	51125.7	50828.3	50525.3	50188.7	49868.8	49577.0	49557.4	49400.3	49391.9	49473.2	49692.1
7°	50309.3	49967.0	49546.2	49077.7	48645.6	48289.3	48216.3	48087.3	48067.7	48306.1	48682.1
8°	49540.6	49136.6	48564.2	47907.7	47315.8	46813.6	46723.8	46558.3	46639.6	47040.8	47616.0
9°	48766.2	48308.9	47551.4	46664.9	45845.6	45228.4	45051.7	44942.3	45107.8	45657.7	46485.3
10°	48011.5	47385.9	46485.3	45354.7	44302.6	43547.9	43264.5	43188.8	43489.0	44224.0	45236.8
11°	47127.8	46378.7	45295.8	43965.9	42703.4	41701.8	41368.0	41331.5	41741.1	42627.7	43842.5
12°	46005.6	45211.6	44030.5	42481.8	41031.3	39810.9	39303.1	39294.7	39875.4	40910.7	42265.8
13°	44715.0	43831.3	42529.5	40857.4	39216.1	37790.9	37159.6	37156.8	37875.1	39067.4	40534.7
14°	43228.1	42265.8	40809.7	39081.4	37322.4	35661.5	34864.7	34920.8	35751.2	37069.9	38604.5
15°	41617.7	40529.1	38910.3	37168.1	35218.2	33417.0	32519.2	32569.7	33512.4	34909.6	36486.3
16°	39892.3	38643.8	36834.2	35100.4	32987.8	31068.8	30095.2	30173.8	31150.1	32651.1	34202.6
17°	38121.9	36685.5	34727.2	32864.3	30692.8	28667.2	27697.0	27760.7	28731.7	30266.4	31865.5
18°	36385.3	34671.1	32519.2	30566.6	28324.9	26343.4	25322.1	25351.9	26273.5	27795.8	29441.5
19°	34508.4	32589.4	30235.5	28153.8	25861.9	23989.8	22967.2	22956.5	23792.0	25193.4	26892.1
20°	32508.0	30389.8	27884.7	25576.6	23500.5	21635.4	20657.6	20619.5	21381.4	22577.7	24253.8
21°	30269.2	27974.2	25347.4	23156.5	21139.6	19280.9	18331.5	18275.4	18948.7	19944.2	21449.6
22°	27720.6	25895.0	22804.7	20740.1	18726.8	16933.2	16032.9	15971.8	16544.4	17334.1	18673.8
23°	24867.1	22955.9	20262.0	18243.7	16356.1	14632.4	13777.3	13704.0	14209.0	14822.1	15972.3
24°	22008.5	19994.4	17688.2	15817.5	14045.2	12419.1	11612.5	11519.1	11943.5	12435.1	13431.3
25°	19149.9	17206.2	15178.6	13458.8	11840.6	10398.2	9677.8	9542.5	9858.2	10263.0	11109.7
26°	16257.7	14543.7	12786.6	11254.5	9821.4	8603.8	8000.1	7817.7	8028.7	8353.6	9024.9
27°	13332.6	11989.3	10571.6	9287.5	8083.9	7082.1	6841.4	6668.5	6816.7	7072.8	7299.2
28°	10644.9	9652.0	8587.8	7577.0	6593.3	5809.5	5682.9	5519.1	5604.9	5791.8	6176.7
29°	8439.4	7711.6	6971.8	6174.8	5413.3	4792.5	4526.2	4373.9	4404.7	4524.0	5054.2
30°	6611.9	6132.7	5624.3	5033.5	4454.1	3960.9	3775.2	3636.0	3645.0	3734.2	3937.6
31°	5213.3	4911.4	4564.9	4136.5	3692.4	3310.3	3178.1	3059.2	3062.8	3139.1	3274.4
32°	4141.6	3952.8	3754.7	3438.2	3101.3	2814.5	2716.2	2604.3	2614.3	2682.7	2772.3
33°	3380.1	3253.9	3126.2	2896.5	2633.7	2500.9	2358.3	2256.5	2265.9	2324.2	2392.7
34°	2804.8	2726.1	2655.2	2568.9	2343.4	2190.9	2086.9	1985.0	1988.9	2050.0	2105.4
35°	2474.3	2419.1	2378.2	2241.8	2055.5	1880.9	1871.6	1772.6	1771.7	1831.2	1886.3
36°	2147.7	2115.9	2102.2	1914.7	1767.6	1695.5	1703.5	1605.3	1601.2	1661.1	1718.9
37°	1821.2	1812.6	1826.2	1714.3	1592.6	1547.2	1568.1	1470.3	1460.3	1520.5	1585.3
38°	1633.1	1631.9	1662.7	1556.4	1452.6	1425.6	1455.4	1358.4	1347.8	1407.8	1479.5
39°	1484.2	1486.2	1533.7	1425.4	1337.7	1324.1	1364.7	1268.0	1254.3	1315.4	1394.8
40°	1362.5	1368.2	1429.3	1316.4	1243.9	1240.6	1288.6	1192.2	1177.2	1239.8	1324.0
41°	1263.6	1271.4	1342.8	1230.6	1165.7	1170.6	1225.0	1128.8	1112.2	1176.5	1265.1
42°	1178.1	1191.0	1269.7	1158.6	1100.3	1111.8	1172.0	1073.9	1056.3	1123.3	1212.6
43°	1106.1	1122.9	1206.7	1097.5	1041.9	1059.8	1125.8	1027.4	1008.9	1078.0	1166.7
44°	1042.6	1064.5	1150.1	1044.1	990.2	1013.5	1084.5	986.7	965.1	1038.7	1126.3

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CATALOG NUMBER: XSF200-SFTR-4Hx4V-850-Position 2

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	986.9	1011.9	1100.4	997.3	944.1	971.6	1047.0	949.5	925.7	1001.4	1085.6
46°	936.3	964.7	1054.9	956.6	903.4	933.9	1010.6	913.4	889.6	964.7	1042.5
47°	892.4	922.0	1013.3	921.0	866.1	898.5	971.0	878.3	855.1	926.7	994.7
48°	851.7	882.1	974.3	886.9	831.5	862.0	930.6	844.0	822.8	889.2	946.6
49°	812.2	842.0	932.9	853.3	798.2	827.2	891.2	810.5	791.6	850.9	897.6
50°	774.9	802.8	889.1	819.6	766.6	792.7	850.1	777.2	760.6	812.9	849.3
51°	740.7	763.5	842.7	784.0	735.6	757.3	808.0	743.9	731.4	776.0	802.8
52°	708.5	725.4	796.0	748.8	705.2	721.1	767.0	711.9	701.6	738.9	757.5
53°	679.1	689.7	750.7	713.2	675.3	686.6	728.2	679.8	672.0	702.7	714.0
54°	650.0	653.7	706.2	678.3	645.8	653.0	689.5	649.9	643.1	667.0	672.5
55°	621.5	619.6	663.2	643.9	617.4	621.2	653.9	620.7	615.2	633.2	636.7
56°	593.4	586.9	622.1	609.6	589.8	592.2	623.6	591.4	587.3	599.4	601.9
57°	566.5	556.3	583.8	576.3	563.0	564.6	593.3	562.2	559.5	565.7	567.2
58°	538.1	526.6	550.4	543.8	536.8	538.1	563.0	535.1	534.0	533.0	536.3
59°	511.8	499.1	519.4	511.9	511.9	513.1	536.0	509.3	509.0	502.2	506.5
60°	484.7	472.0	488.8	480.4	485.9	489.0	509.5	484.3	483.9	473.0	478.2
61°	459.4	446.6	459.6	451.1	460.8	466.4	484.7	461.3	458.8	447.2	451.3
62°	435.0	422.7	433.2	425.4	437.6	444.1	464.8	440.0	435.3	424.6	429.8
63°	410.6	400.4	409.7	402.3	414.3	423.5	450.4	419.7	412.9	403.4	411.2
64°	387.2	380.3	390.8	381.2	392.0	403.0	436.1	399.8	390.7	382.8	394.2
65°	364.2	360.4	374.5	361.0	369.7	382.8	418.5	379.1	368.5	362.5	375.1
66°	341.2	341.3	358.3	340.8	347.2	362.9	399.7	358.5	345.7	342.8	352.3
67°	319.0	322.4	337.6	320.3	324.4	343.7	378.5	338.4	322.5	323.6	326.2
68°	296.6	302.4	312.1	300.3	300.6	322.2	355.5	317.0	298.2	303.7	299.0
69°	272.9	282.7	287.1	278.7	275.4	299.6	330.5	295.0	271.9	282.5	281.1
70°	250.2	260.5	265.3	256.3	251.6	277.2	311.5	272.6	245.7	260.5	300.4
71°	227.6	239.3	270.7	233.9	227.7	254.0	341.5	249.5	222.9	237.9	312.3
72°	204.9	218.1	276.6	211.4	203.9	230.8	312.4	226.6	202.0	215.0	288.6
73°	185.2	197.0	282.5	188.7	182.6	207.6	263.3	203.9	181.2	191.2	239.2
74°	166.6	175.0	234.4	167.5	162.5	185.7	221.3	182.0	161.4	168.7	203.8
75°	148.1	152.8	187.7	146.5	143.2	164.4	190.6	162.2	142.9	148.2	177.8
76°	130.5	133.0	155.3	127.1	125.1	143.1	167.6	144.2	124.7	128.2	154.2
77°	112.9	113.9	131.0	109.1	108.1	122.0	147.7	124.7	107.8	108.4	133.0
78°	95.6	94.5	110.9	91.8	91.7	102.2	129.5	104.7	91.3	90.1	112.8
79°	78.8	76.2	92.5	75.0	76.3	84.0	110.9	86.4	76.0	74.9	95.1
80°	63.0	60.0	74.4	59.8	61.8	67.9	92.6	71.7	62.7	59.7	77.5
81°	49.1	45.7	56.5	46.3	48.6	53.4	75.5	57.0	49.5	44.4	62.5
82°	36.1	33.4	41.7	33.9	36.7	40.9	60.9	42.3	36.3	33.7	47.5
83°	28.8	26.7	28.5	26.4	28.1	31.3	46.4	32.7	28.7	26.3	32.5
84°	21.6	20.2	18.9	19.1	22.0	23.9	31.8	26.8	22.9	21.1	23.1
85°	14.4	13.7	9.5	11.8	15.9	16.5	19.8	19.9	16.4	14.8	13.7
86°	3.0	3.1	3.2	5.4	7.1	9.1	10.3	10.8	8.6	7.8	6.4
87°	0.8	0.8	0.8	1.2	2.1	3.0	4.1	3.5	2.8	3.1	2.7
88°	0.4	0.4	0.4	0.4	0.5	0.8	1.2	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



REPORT NUMBER: P1440348

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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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-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



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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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0	54223.0
1°	53894.8	53934.1	54029.5	54110.8	54203.4	54279.2	54346.5	54427.9	54481.2	54500.8	54481.2
2°	53171.0	53246.7	53409.4	53760.1	53984.6	54209.0	54391.4	54548.5	54621.4	54615.8	54503.6
3°	52447.1	52559.4	52789.4	53159.7	53468.4	53953.7	54304.4	54523.2	54627.0	54562.5	54312.8
4°	51720.5	51872.0	52166.6	52556.5	52954.9	53510.4	54091.2	54394.2	54514.8	54360.5	53970.5
5°	50828.3	51005.1	51308.1	51776.6	52438.7	53067.2	53788.2	54181.0	54287.6	53981.8	53457.1
6°	49916.5	50160.6	50474.8	50957.4	51698.0	52618.3	53221.5	53813.4	53889.2	53518.9	52848.3
7°	49035.6	49344.2	49708.9	50191.5	50943.3	51872.0	52651.9	53263.5	53358.9	52901.6	52149.7
8°	48149.0	48561.4	48965.4	49445.2	50143.8	51097.7	52082.4	52584.6	52663.2	52177.8	51378.2
9°	47212.0	47714.1	48179.9	48690.5	49347.0	50211.1	51187.4	51731.7	51790.6	51302.5	50559.0
10°	46143.0	46754.6	47315.8	47904.9	48480.1	49223.5	50121.3	50671.2	50797.5	50306.5	49697.7
11°	44891.8	45590.3	46288.9	47012.8	47568.3	48112.5	48895.3	49403.1	49526.5	49167.4	48780.3
12°	43455.3	44218.4	45026.4	45938.2	46530.2	46869.7	47484.1	47927.4	48115.3	47916.2	47818.0
13°	41808.4	42602.4	43550.7	44681.3	45360.3	45495.0	45913.0	46283.3	46524.6	46493.7	46687.3
14°	39973.6	40809.7	41864.6	43228.1	43982.8	43999.6	44235.3	44487.8	44779.5	44939.5	45447.3
15°	37998.5	39008.5	40074.6	41541.9	42403.2	42358.3	42397.6	42507.0	42854.9	43284.2	44022.0
16°	35942.0	37154.0	38242.6	39651.0	40560.0	40478.6	40414.1	40355.2	40795.6	41469.0	42414.4
17°	33874.3	35336.0	36404.9	37645.0	38525.9	38481.1	38265.0	38037.8	38593.3	39505.1	40540.3
18°	31657.9	33417.0	34539.2	35493.1	36222.6	36247.8	35933.6	35538.0	36138.4	37316.7	38396.9
19°	29242.3	31304.4	32488.4	33248.7	33742.5	33846.3	33341.3	32903.6	33588.2	34971.3	36065.5
20°	26645.2	28877.6	30210.3	30779.8	31046.3	31223.1	30720.9	30162.6	30872.4	32387.4	33450.7
21°	23812.7	26194.7	27554.8	28092.1	28212.7	28482.0	27893.2	27400.8	28128.5	29654.8	30715.3
22°	20897.2	23226.1	24664.8	25146.8	25272.2	25627.9	25122.7	24623.8	25363.4	26850.9	27859.8
23°	17960.4	20161.9	21569.1	22062.9	22242.8	22701.2	22252.6	21846.6	22597.4	23982.2	24884.2
24°	15133.5	17056.7	18432.5	18961.9	19226.5	19816.5	19449.3	19069.7	19831.1	21112.1	21907.5
25°	12449.1	14045.2	15329.3	15954.9	16325.6	16937.2	16680.5	16317.1	17106.9	18242.0	18930.8
26°	10046.1	11285.6	12448.3	13153.3	13606.4	14173.1	13932.1	13655.8	14423.1	15514.2	16093.8
27°	8013.2	8905.1	9911.2	10703.2	11128.5	11573.5	11385.0	11130.5	11844.5	12848.6	13418.1
28°	6697.4	7399.4	7767.2	8509.0	8953.1	9226.4	9065.9	8898.4	9501.3	10392.1	10943.6
29°	5381.6	5893.6	6475.2	7121.1	7130.9	7279.6	7151.4	7036.9	7501.8	8241.6	8769.9
30°	4076.5	4392.7	5183.0	5732.9	5859.1	5924.2	5844.3	5577.2	5887.5	6449.1	6895.8
31°	3338.9	3567.3	3911.5	4360.7	4589.1	4576.1	4538.0	4474.0	4679.1	5069.6	5443.9
32°	2784.7	2947.5	3202.0	3558.9	3726.6	3695.8	3668.5	3647.5	3778.8	4033.8	4317.8
33°	2377.2	2488.6	2687.1	2968.6	3086.7	3032.0	3026.9	3036.7	3118.1	3274.6	3484.2
34°	2071.6	2145.6	2293.7	2530.6	2598.3	2546.2	2553.5	2567.9	2627.4	2720.3	2867.0
35°	1832.3	1880.9	2000.4	2201.2	2233.0	2179.4	2198.1	2274.5	2338.6	2404.9	2523.1
36°	1651.6	1679.2	1777.5	1957.6	1953.7	1905.3	1929.4	1983.5	2052.6	2092.9	2182.2
37°	1504.3	1521.8	1600.3	1768.5	1741.2	1696.9	1724.8	1785.7	1766.6	1780.8	1841.4
38°	1387.0	1395.3	1462.0	1624.6	1575.4	1531.4	1560.1	1635.6	1602.1	1602.8	1649.7
39°	1290.9	1293.6	1352.1	1511.2	1443.9	1403.9	1429.2	1511.7	1467.9	1458.3	1499.9
40°	1212.7	1208.4	1262.5	1419.6	1337.7	1295.9	1321.4	1410.6	1357.8	1340.2	1378.2
41°	1147.4	1137.0	1187.9	1343.5	1250.5	1208.4	1232.8	1326.8	1267.5	1241.4	1281.0
42°	1091.8	1075.1	1126.2	1277.7	1180.1	1133.1	1156.9	1257.8	1189.2	1157.5	1199.2
43°	1044.2	1022.5	1073.3	1219.8	1120.4	1070.0	1092.3	1199.9	1122.6	1086.8	1131.3
44°	1002.1	975.5	1027.5	1169.0	1068.3	1014.3	1037.0	1148.9	1065.6	1025.3	1073.5

REPORT NUMBER: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	963.6	934.0	988.1	1123.7	1022.6	964.4	987.9	1105.4	1016.3	972.7	1023.7
46°	926.7	895.3	952.1	1081.4	982.5	919.7	945.5	1065.6	971.7	924.1	979.2
47°	888.8	858.3	916.1	1040.2	945.3	879.1	906.9	1028.9	932.1	881.0	939.8
48°	850.4	824.3	879.8	996.0	909.6	841.9	873.3	994.5	896.4	842.9	904.0
49°	812.6	791.6	843.5	947.2	872.7	808.1	843.2	960.0	864.7	809.3	871.4
50°	774.9	759.7	807.2	898.5	834.5	775.7	811.5	922.7	835.1	776.9	840.3
51°	737.9	729.6	771.8	848.5	796.2	743.6	779.9	880.6	802.1	746.4	808.1
52°	701.4	698.6	736.4	800.5	758.2	712.4	746.4	837.9	767.5	716.0	774.7
53°	666.0	669.7	699.8	754.0	719.9	682.7	714.1	792.9	733.5	686.8	740.8
54°	633.4	642.3	664.9	708.1	681.4	652.9	681.5	747.8	699.3	658.4	705.0
55°	601.8	614.2	631.2	663.7	643.5	623.9	650.0	702.6	663.6	629.2	668.6
56°	570.4	586.2	597.4	626.1	609.7	594.9	618.3	660.4	629.5	600.5	630.7
57°	542.7	558.2	563.7	588.4	575.8	566.0	586.7	620.5	595.6	572.4	594.9
58°	515.2	532.6	532.1	550.8	542.1	538.7	555.1	586.2	564.8	544.6	561.1
59°	487.7	507.1	499.7	519.1	512.2	512.4	526.0	555.0	535.0	517.7	528.4
60°	461.5	482.3	468.6	487.8	482.1	486.4	497.2	526.4	506.0	491.5	495.9
61°	438.3	458.0	441.6	458.3	454.4	461.9	470.2	498.2	477.8	466.0	464.0
62°	417.9	434.1	418.7	433.7	428.8	438.1	445.5	472.2	451.7	441.4	434.4
63°	398.6	410.7	398.8	412.6	406.0	415.1	424.3	450.9	428.5	417.3	408.5
64°	379.8	387.9	379.9	396.6	385.0	392.4	405.0	436.0	407.8	394.7	386.4
65°	361.0	364.0	361.2	380.4	365.6	370.7	386.6	425.9	387.8	373.1	366.6
66°	341.2	341.3	342.5	362.5	346.2	348.7	368.0	413.9	368.7	351.2	347.3
67°	321.3	319.2	323.6	340.6	327.0	326.7	348.1	398.1	348.9	329.8	328.3
68°	300.5	295.7	303.4	314.7	308.3	304.3	328.4	379.4	330.1	307.8	309.6
69°	279.4	270.4	282.2	290.3	288.6	280.7	308.4	357.6	310.4	285.2	290.0
70°	257.9	246.2	261.0	277.3	267.4	256.2	287.5	333.7	289.7	260.0	269.5
71°	236.2	224.7	239.7	281.8	245.9	233.0	265.5	309.4	269.0	238.2	247.5
72°	213.9	204.7	218.1	294.7	223.7	212.0	242.9	307.2	246.3	216.4	225.5
73°	191.9	186.0	196.5	261.7	201.1	191.2	219.6	297.4	223.6	195.0	203.4
74°	170.2	167.3	174.4	213.2	178.7	171.0	196.8	253.1	200.8	174.6	181.4
75°	150.0	148.8	153.2	180.0	157.3	151.9	175.4	215.7	177.6	154.9	159.5
76°	130.4	130.8	133.9	153.6	136.6	133.7	154.2	178.4	156.8	136.3	138.9
77°	111.7	113.7	115.0	132.6	116.6	116.2	135.7	153.2	138.1	118.5	119.8
78°	94.1	96.9	96.6	113.5	97.5	99.6	116.8	132.0	117.3	101.5	101.4
79°	77.7	81.5	79.6	96.1	79.9	83.8	97.8	112.5	96.9	85.2	83.4
80°	64.4	68.0	66.0	79.3	65.9	69.8	79.8	94.4	78.7	70.1	67.5
81°	51.2	54.6	52.3	64.4	51.8	55.8	65.9	77.3	62.3	55.9	53.4
82°	37.9	41.2	39.0	49.6	37.7	41.9	51.9	61.6	48.3	43.0	40.0
83°	32.9	35.6	33.0	34.8	29.6	32.3	38.0	47.6	36.2	32.1	28.3
84°	31.5	34.9	32.3	26.1	27.3	28.2	31.6	34.5	30.3	25.5	22.1
85°	25.1	27.6	26.2	16.3	22.4	23.6	26.4	24.8	22.2	19.0	15.9
86°	13.0	14.1	15.1	8.2	13.8	15.6	17.2	15.2	14.1	12.5	9.3
87°	3.7	3.7	4.5	3.4	5.6	4.9	6.1	5.5	6.0	4.5	2.8
88°	1.5	1.6	1.6	1.5	1.7	1.8	2.6	1.9	1.8	1.2	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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-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: P1440348
CATALOG NUMBER: XSF200-SFTR-4Hx4V-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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	54223.0	54223.0	54223.0
1°	54416.6	54335.3	54242.7
2°	54346.5	54164.1	53984.6
3°	54043.5	53743.3	53468.4
4°	53527.3	53103.6	52775.4
5°	52887.6	52377.0	51975.8
6°	52132.9	51538.1	51125.7
7°	51355.8	50738.5	50309.3
8°	50601.1	49981.0	49540.6
9°	49821.1	49257.2	48766.2
10°	49080.5	48525.0	48011.5
11°	48311.7	47731.0	47127.8
12°	47475.7	46777.1	46005.6
13°	46454.5	45610.0	44715.0
14°	45234.0	44232.5	43228.1
15°	43828.5	42714.6	41617.7
16°	42206.8	41079.0	39892.3
17°	40416.9	39322.7	38121.9
18°	38464.2	37510.3	36385.3
19°	36354.4	35678.3	34508.4
20°	33983.7	33711.6	32508.0
21°	31528.9	31545.7	30269.2
22°	28827.1	29090.8	27720.6
23°	26027.2	26363.8	24867.1
24°	23008.7	23342.0	22008.5
25°	19988.8	20318.7	19149.9
26°	16969.1	17295.2	16257.7
27°	14103.8	14289.0	13332.6
28°	11431.5	11409.6	10644.9
29°	9100.7	8958.7	8439.4
30°	7122.2	6965.1	6611.9
31°	5586.4	5428.5	5213.3
32°	4425.2	4297.3	4141.6
33°	3558.9	3466.3	3380.1
34°	2938.0	2862.8	2804.8
35°	2597.2	2523.4	2474.3
36°	2261.1	2187.7	2147.7
37°	1925.0	1851.9	1821.2
38°	1739.6	1663.1	1633.1
39°	1602.1	1513.0	1484.2
40°	1489.7	1390.8	1362.5
41°	1402.8	1292.8	1263.6
42°	1329.5	1209.9	1178.1
43°	1267.5	1139.4	1106.1
44°	1211.5	1078.2	1042.6

REPORT NUMBER: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1160.4	1024.3	986.9
46°	1112.2	975.7	936.3
47°	1068.1	932.2	892.4
48°	1026.5	894.7	851.7
49°	985.8	859.2	812.2
50°	944.8	825.3	774.9
51°	902.0	792.0	740.7
52°	854.4	757.4	708.5
53°	805.5	724.2	679.1
54°	755.2	690.6	650.0
55°	706.6	656.5	621.5
56°	657.9	622.3	593.4
57°	614.1	587.5	566.5
58°	573.6	552.9	538.1
59°	537.0	518.1	511.8
60°	505.7	485.5	484.7
61°	475.3	454.8	459.4
62°	445.9	426.4	435.0
63°	419.6	401.9	410.6
64°	398.2	381.0	387.2
65°	379.4	361.5	364.2
66°	364.5	343.2	341.2
67°	348.1	324.6	319.0
68°	324.6	304.8	296.6
69°	298.3	285.2	272.9
70°	274.5	264.1	250.2
71°	272.8	242.8	227.6
72°	271.4	221.4	204.9
73°	270.1	200.1	185.2
74°	245.7	179.4	166.6
75°	200.7	159.0	148.1
76°	165.1	137.5	130.5
77°	139.0	118.1	112.9
78°	117.4	99.6	95.6
79°	98.1	80.9	78.8
80°	79.5	64.0	63.0
81°	61.4	48.9	49.1
82°	45.7	35.9	36.1
83°	32.3	29.3	28.8
84°	23.1	22.7	21.6
85°	14.0	16.1	14.4
86°	4.9	4.6	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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-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: P1440348

CATALOG NUMBER: XSF200-SFTR-4Hx4V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)