

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: P1440345

Luminaire Tested: XSF200-SFTR-4Hx4V-840-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440345
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-4Hx4V-840-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 4 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19625.9 lumens
Efficiency: N/A
Efficacy: 164.9 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): 119
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

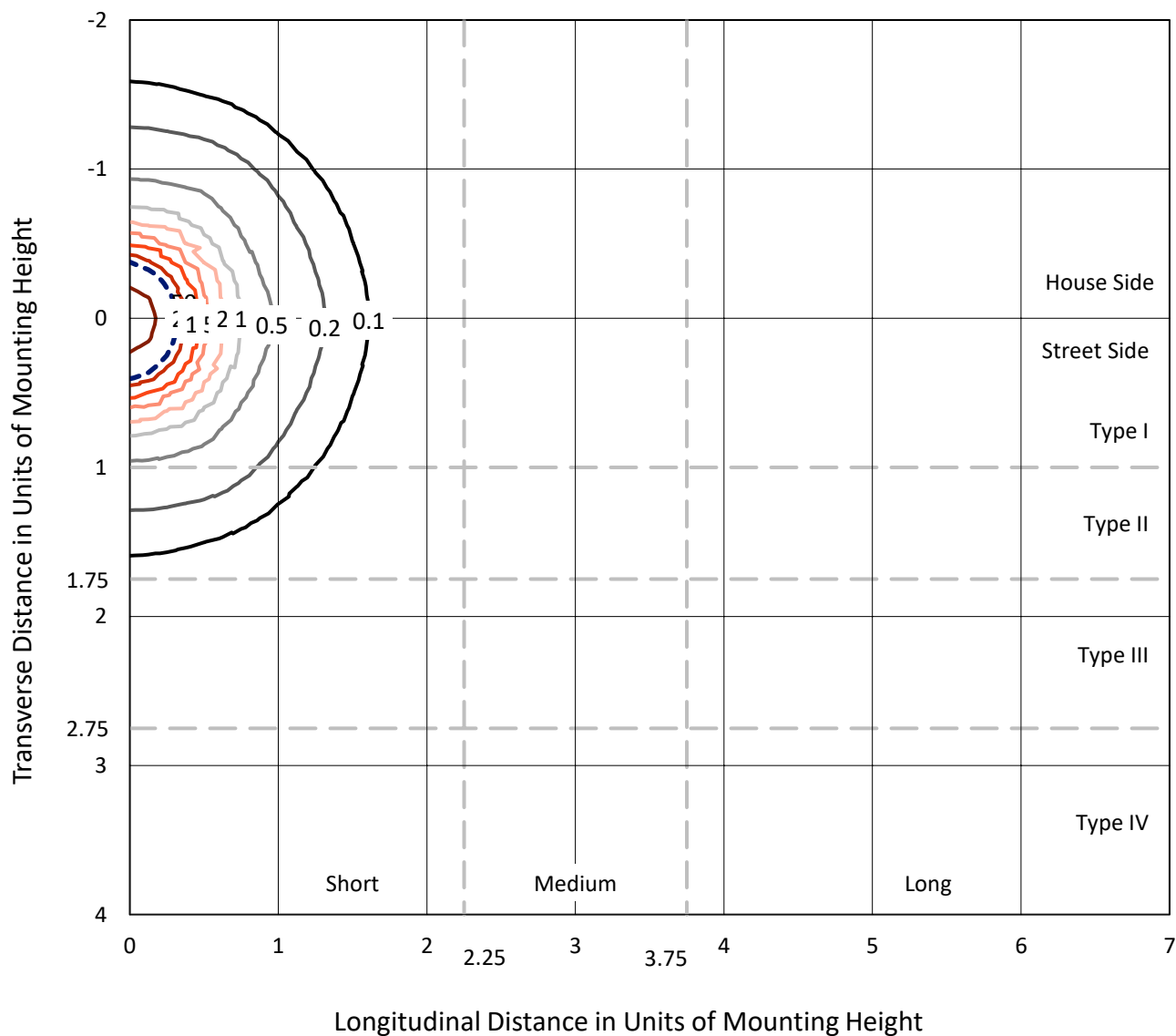
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



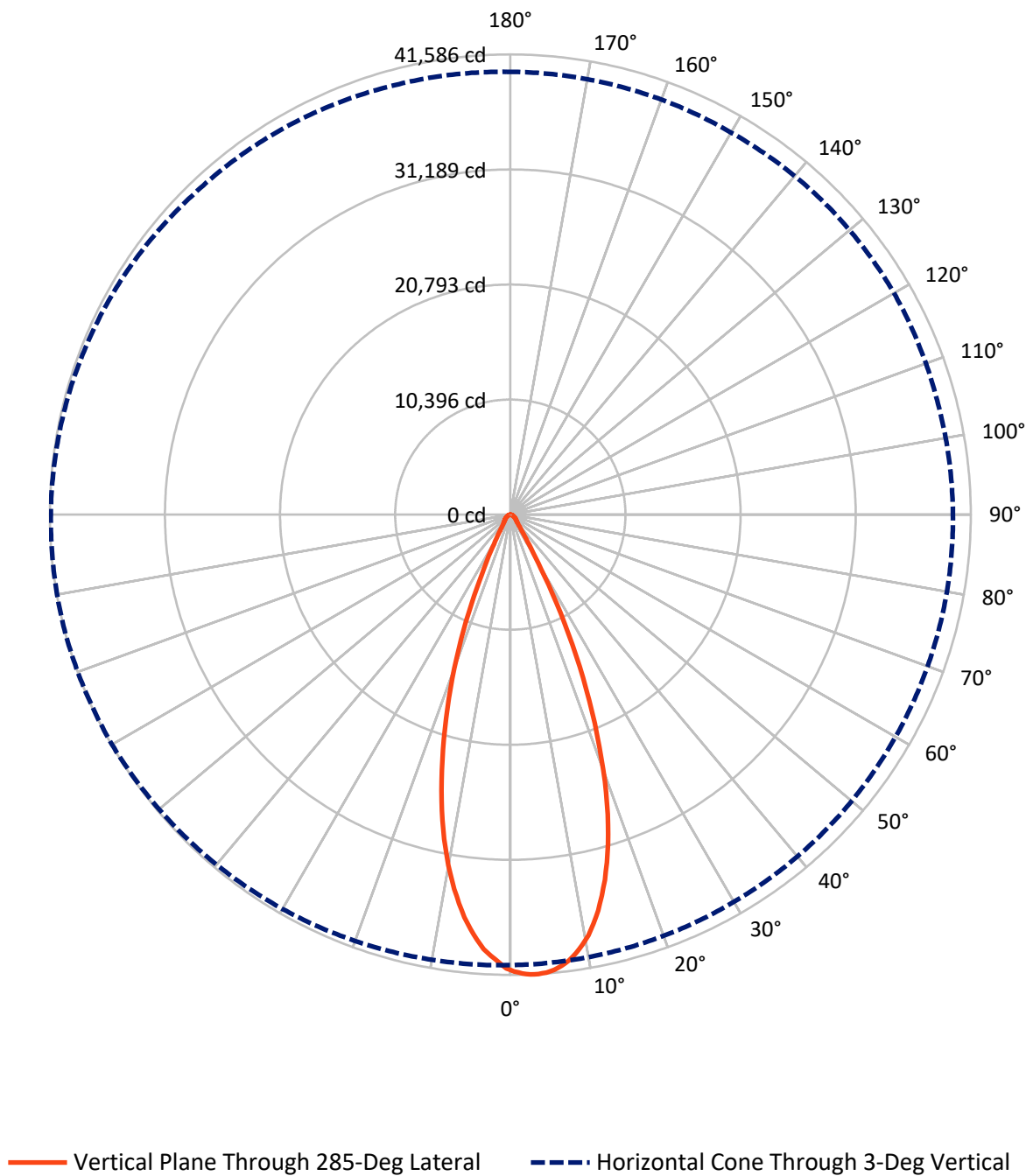
Based on 25 foot mounting height. Maximum calculated value = 66 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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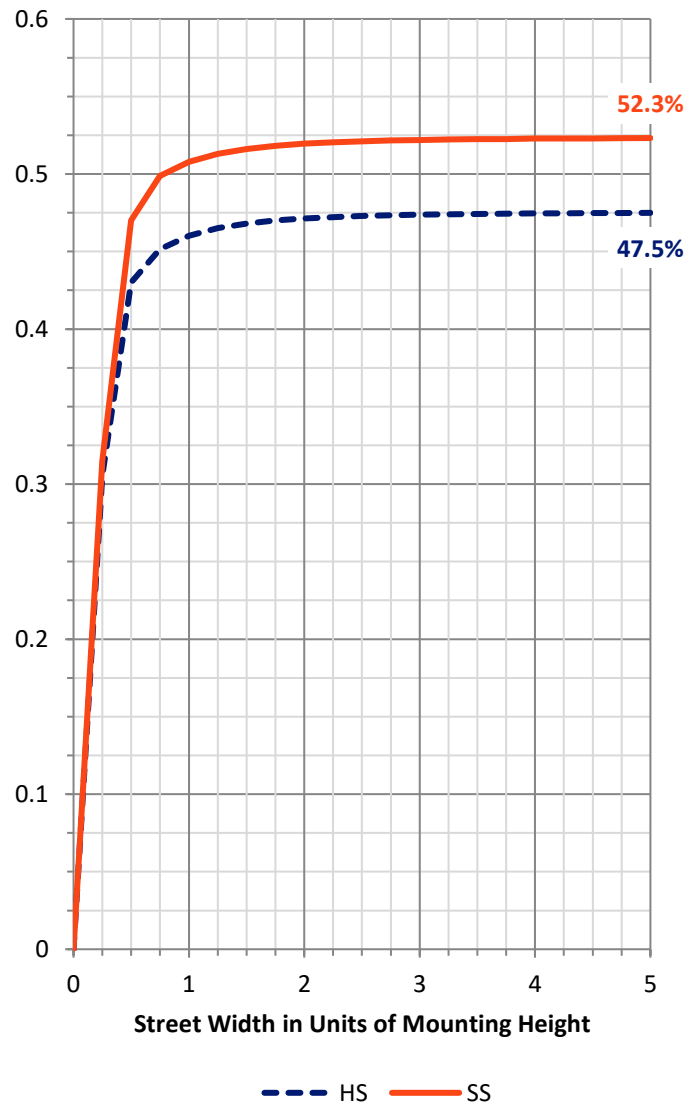
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9451.4	0.0	9451.4
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	10174.5	0.0	10174.5
	% Fixture	51.8	0.0	51.8
Total	Lumens	19625.9	0.0	19625.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3655.0	18.6
10°-20°	8127.1	41.4
20°-30°	5204.8	26.5
30°-40°	1159.7	5.9
40°-50°	603.7	3.1
50°-60°	439.0	2.2
60°-70°	282.7	1.4
70°-80°	135.2	0.7
80°-90°	18.6	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°	19625.9	100.0
0°-180°	19625.9	100.0

Coefficient of Utilization



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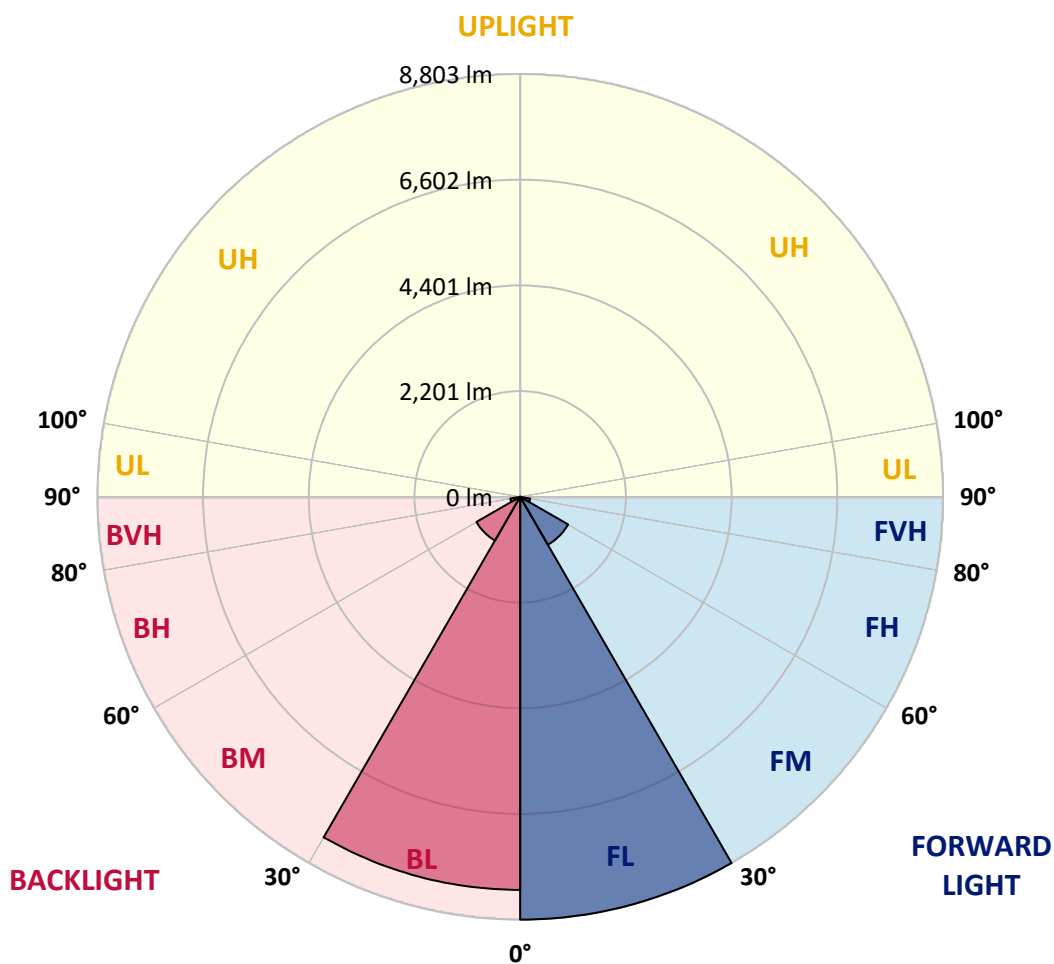
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	8803.0	44.9			
FM	(30°-60°)	1152.9	5.9			
FH	(60°-80°)	209.8	1.1			G0/660
FVH	(80°-90°)	8.8	0.0			G0/10
BL	(0°-30°)	8183.9	41.7	B5		
BM	(30°-60°)	1049.5	5.3	B2/2500		
BH	(60°-80°)	208.1	1.1	B1/500		G1/500
BVH	(80°-90°)	9.8	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2
1°	41293.1	41244.0	41165.0	41096.7	41036.9	40974.9	41007.0	40994.1	40974.9	40970.6	40970.6
2°	41096.7	40979.2	40844.6	40763.5	40663.1	40599.0	40492.2	40447.4	40500.8	40479.4	40417.5
3°	40703.7	40549.9	40394.0	40289.3	40167.6	40071.5	39975.4	39900.6	40020.2	39983.9	39864.3
4°	40176.1	40005.3	39823.7	39680.6	39556.8	39426.5	39456.4	39345.3	39287.7	39283.4	39309.0
5°	39567.4	39358.1	39161.6	38990.8	38809.2	38629.8	38661.9	38527.3	38484.6	38503.8	38567.9
6°	38920.3	38693.9	38463.2	38206.9	37963.5	37741.3	37726.4	37606.8	37600.4	37662.3	37828.9
7°	38298.8	38038.2	37717.9	37361.2	37032.3	36761.0	36705.5	36607.2	36592.3	36773.8	37060.0
8°	37713.6	37406.0	36970.3	36470.6	36019.9	35637.6	35569.3	35443.2	35505.2	35810.6	36248.4
9°	37124.1	36776.0	36199.3	35524.4	34900.8	34430.9	34296.3	34213.0	34339.1	34757.7	35387.7
10°	36549.6	36073.3	35387.7	34527.0	33726.1	33151.6	32935.8	32878.2	33106.7	33666.3	34437.3
11°	35876.8	35306.6	34482.1	33469.8	32508.7	31746.2	31492.1	31464.3	31776.1	32451.0	33375.8
12°	35022.5	34418.1	33518.9	32340.0	31235.8	30306.7	29920.1	29913.7	30355.8	31143.9	32175.5
13°	34040.0	33367.3	32376.3	31103.3	29853.9	28768.9	28288.4	28286.3	28833.0	29740.7	30857.7
14°	32908.1	32175.5	31067.0	29751.4	28412.3	27147.9	26541.3	26584.0	27216.2	28220.0	29388.3
15°	31682.1	30853.5	29621.1	28294.8	26810.4	25439.3	24755.8	24794.3	25511.9	26575.5	27775.8
16°	30368.6	29418.2	28040.6	26720.7	25112.5	23651.6	22910.5	22970.3	23713.6	24856.2	26037.3
17°	29021.0	27927.4	26436.7	25018.5	23365.4	21823.4	21084.8	21133.3	21872.5	23040.8	24258.2
18°	27698.9	26394.0	24755.8	23269.3	21562.8	20054.3	19276.9	19299.5	20001.1	21160.0	22412.9
19°	26270.1	24809.2	23017.3	21432.5	19687.8	18262.6	17484.1	17476.0	18112.0	19178.9	20472.1
20°	24747.3	23134.8	21227.7	19470.6	17890.1	16470.3	15726.0	15696.9	16277.0	17187.7	18463.6
21°	23042.9	21295.8	19296.1	17628.3	16092.9	14677.9	13955.2	13912.5	14425.0	15182.8	16328.9
22°	21102.8	19713.0	17360.5	15788.7	14256.1	12890.7	12205.3	12158.8	12594.7	13195.9	14215.7
23°	18930.5	17475.6	15424.8	13888.3	12451.4	11139.2	10488.2	10432.4	10816.9	11283.5	12159.2
24°	16754.3	15221.1	13465.4	12041.3	10692.1	9454.2	8840.2	8769.1	9092.2	9466.4	10224.8
25°	14578.2	13098.5	11555.0	10245.8	9013.8	7915.8	7367.4	7264.4	7504.7	7812.9	8457.5
26°	12376.4	11071.7	9734.0	8567.7	7476.7	6549.8	6090.2	5951.3	6112.0	6359.3	6870.4
27°	10149.6	9127.0	8047.8	7070.3	6154.0	5391.3	5208.1	5076.5	5189.3	5384.3	5556.7
28°	8103.6	7347.7	6537.6	5768.1	5019.3	4422.6	4326.2	4201.5	4266.9	4409.1	4702.1
29°	6424.6	5870.6	5307.4	4700.6	4121.0	3648.3	3445.7	3329.7	3353.2	3443.9	3847.6
30°	5033.4	4668.6	4281.6	3831.8	3390.8	3015.3	2873.9	2768.0	2774.8	2842.7	2997.6
31°	3968.7	3738.9	3475.1	3149.0	2810.9	2520.0	2419.4	2328.9	2331.6	2389.7	2492.7
32°	3152.8	3009.1	2858.3	2617.4	2360.9	2142.6	2067.8	1982.5	1990.2	2042.3	2110.4
33°	2573.2	2477.1	2379.9	2205.0	2005.0	1903.9	1795.3	1717.8	1725.0	1769.4	1821.5
34°	2135.2	2075.3	2021.3	1955.6	1784.0	1667.9	1588.7	1511.1	1514.1	1560.6	1602.8
35°	1883.6	1841.6	1810.4	1706.6	1564.8	1431.9	1424.8	1349.4	1348.7	1394.1	1435.9
36°	1635.0	1610.8	1600.3	1457.6	1345.6	1290.8	1296.8	1222.1	1218.9	1264.5	1308.5
37°	1386.4	1379.9	1390.2	1305.0	1212.4	1177.9	1193.7	1119.3	1111.7	1157.5	1206.9
38°	1243.2	1242.3	1265.7	1184.8	1105.8	1085.3	1107.9	1034.1	1026.1	1071.7	1126.3
39°	1129.8	1131.4	1167.6	1085.1	1018.4	1008.0	1038.9	965.3	954.9	1001.3	1061.8
40°	1037.2	1041.6	1088.1	1002.1	946.9	944.4	981.0	907.6	896.1	943.8	1007.9
41°	961.9	967.8	1022.2	936.8	887.4	891.1	932.5	859.3	846.7	895.7	963.1
42°	896.9	906.7	966.6	882.0	837.6	846.4	892.2	817.6	804.1	855.1	923.1
43°	842.0	854.8	918.6	835.5	793.2	806.8	857.1	782.1	768.0	820.6	888.1
44°	793.7	810.4	875.5	794.8	753.8	771.6	825.6	751.1	734.7	790.7	857.4

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CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	751.3	770.3	837.7	759.2	718.7	739.7	797.0	722.9	704.7	762.3	826.4
46°	712.8	734.4	803.0	728.2	687.7	710.9	769.4	695.3	677.2	734.4	793.6
47°	679.3	701.9	771.4	701.2	659.3	684.0	739.2	668.6	651.0	705.5	757.2
48°	648.4	671.5	741.7	675.2	633.0	656.2	708.5	642.5	626.4	676.9	720.6
49°	618.3	641.0	710.2	649.6	607.7	629.8	678.4	617.0	602.6	647.7	683.3
50°	589.9	611.2	676.8	623.9	583.6	603.4	647.1	591.6	579.0	618.9	646.5
51°	563.8	581.2	641.5	596.8	560.0	576.5	615.1	566.3	556.8	590.8	611.1
52°	539.4	552.2	606.0	570.0	536.8	549.0	583.9	541.9	534.1	562.5	576.7
53°	517.0	525.0	571.4	543.0	514.1	522.7	554.4	517.5	511.5	535.0	543.6
54°	494.8	497.6	537.6	516.4	491.6	497.1	524.9	494.7	489.6	507.8	511.9
55°	473.2	471.7	504.9	490.2	470.0	472.9	497.8	472.5	468.4	482.0	484.7
56°	451.8	446.8	473.6	464.1	449.0	450.8	474.7	450.2	447.1	456.3	458.2
57°	431.3	423.5	444.4	438.8	428.6	429.8	451.6	428.0	425.9	430.7	431.8
58°	409.6	400.9	419.0	414.0	408.7	409.6	428.6	407.4	406.5	405.7	408.2
59°	389.7	379.9	395.4	389.7	389.7	390.6	408.0	387.7	387.5	382.3	385.6
60°	369.0	359.3	372.1	365.7	369.9	372.3	387.9	368.7	368.4	360.1	364.0
61°	349.7	340.0	349.9	343.4	350.8	355.1	369.0	351.1	349.3	340.4	343.6
62°	331.2	321.8	329.8	323.9	333.1	338.1	353.8	335.0	331.4	323.3	327.2
63°	312.6	304.8	311.9	306.2	315.4	322.4	342.9	319.5	314.3	307.1	313.0
64°	294.8	289.5	297.5	290.2	298.4	306.8	332.0	304.3	297.4	291.4	300.1
65°	277.2	274.4	285.1	274.8	281.4	291.4	318.6	288.6	280.5	275.9	285.5
66°	259.8	259.8	272.8	259.4	264.3	276.3	304.2	272.9	263.2	260.9	268.2
67°	242.8	245.5	257.0	243.8	246.9	261.6	288.2	257.6	245.5	246.4	248.3
68°	225.8	230.2	237.6	228.6	228.8	245.3	270.6	241.3	227.0	231.2	227.6
69°	207.8	215.2	218.6	212.2	209.6	228.1	251.6	224.6	207.0	215.1	214.0
70°	190.5	198.3	202.0	195.1	191.5	211.0	237.1	207.5	187.0	198.3	228.7
71°	173.2	182.1	206.1	178.0	173.4	193.4	260.0	189.9	169.7	181.1	237.7
72°	156.0	166.0	210.6	161.0	155.2	175.7	237.8	172.5	153.8	163.7	219.7
73°	141.0	149.9	215.1	143.6	139.0	158.1	200.5	155.2	137.9	145.6	182.1
74°	126.9	133.2	178.4	127.5	123.7	141.4	168.5	138.5	122.8	128.4	155.2
75°	112.7	116.3	142.9	111.5	109.0	125.1	145.1	123.4	108.8	112.9	135.4
76°	99.4	101.3	118.2	96.8	95.3	109.0	127.6	109.8	94.9	97.6	117.4
77°	86.0	86.7	99.7	83.1	82.3	92.9	112.5	95.0	82.1	82.5	101.3
78°	72.8	71.9	84.4	69.9	69.8	77.8	98.6	79.7	69.5	68.6	85.8
79°	60.0	58.0	70.4	57.1	58.1	63.9	84.4	65.8	57.9	57.0	72.4
80°	48.0	45.7	56.6	45.5	47.1	51.7	70.5	54.6	47.8	45.4	59.0
81°	37.4	34.8	43.0	35.3	37.0	40.7	57.5	43.4	37.7	33.8	47.6
82°	27.5	25.4	31.7	25.8	28.0	31.1	46.4	32.2	27.6	25.6	36.2
83°	21.9	20.4	21.7	20.1	21.4	23.8	35.3	24.9	21.8	20.0	24.8
84°	16.5	15.4	14.4	14.6	16.7	18.2	24.2	20.4	17.5	16.1	17.6
85°	11.0	10.4	7.2	9.0	12.1	12.6	15.0	15.1	12.5	11.3	10.4
86°	2.3	2.4	2.4	4.1	5.4	7.0	7.8	8.2	6.6	5.9	4.9
87°	0.6	0.6	0.6	0.9	1.6	2.3	3.1	2.7	2.1	2.4	2.0
88°	0.3	0.3	0.3	0.3	0.4	0.6	0.9	0.9	0.9	0.9	1.0
89°	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4



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CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

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: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2	41278.2
1°	41028.3	41058.2	41130.8	41192.8	41263.2	41320.9	41372.2	41434.1	41474.7	41489.6	41474.7
2°	40477.3	40534.9	40658.8	40925.8	41096.7	41267.5	41406.3	41525.9	41581.5	41577.2	41491.8
3°	39926.2	40011.7	40186.8	40468.7	40703.7	41073.2	41340.1	41506.7	41585.7	41536.6	41346.5
4°	39373.1	39488.4	39712.7	40009.5	40312.8	40735.7	41177.8	41408.5	41500.3	41382.8	41086.0
5°	38693.9	38828.5	39059.1	39415.8	39919.8	40398.3	40947.2	41246.2	41327.3	41094.5	40695.1
6°	37999.8	38185.6	38424.8	38792.1	39356.0	40056.5	40515.7	40966.4	41024.0	40742.1	40231.7
7°	37329.1	37564.1	37841.7	38209.1	38781.5	39488.4	40082.2	40547.8	40620.4	40272.2	39699.9
8°	36654.2	36968.2	37275.7	37641.0	38172.8	38898.9	39648.6	40030.9	40090.7	39721.2	39112.5
9°	35940.9	36323.2	36677.7	37066.4	37566.2	38224.0	38967.3	39381.6	39426.5	39054.9	38488.9
10°	35127.2	35592.8	36019.9	36468.4	36906.3	37472.2	38155.7	38574.3	38670.4	38296.6	37833.2
11°	34174.6	34706.4	35238.2	35789.2	36212.1	36626.5	37222.4	37608.9	37702.9	37429.5	37134.8
12°	33081.1	33662.0	34277.1	34971.2	35421.9	35680.3	36148.1	36485.5	36628.6	36477.0	36402.2
13°	31827.4	32431.8	33153.7	34014.4	34531.3	34633.8	34952.0	35233.9	35417.6	35394.1	35541.5
14°	30430.6	31067.0	31870.1	32908.1	33482.6	33495.4	33674.8	33867.0	34089.2	34210.9	34597.5
15°	28927.0	29695.9	30507.5	31624.5	32280.2	32246.0	32275.9	32359.2	32624.0	32950.8	33512.5
16°	27361.5	28284.1	29112.8	30185.0	30877.0	30815.0	30765.9	30721.0	31056.4	31568.9	32288.7
17°	25787.4	26900.1	27713.9	28657.9	29328.5	29294.3	29129.9	28956.9	29379.8	30073.9	30862.0
18°	24100.1	25439.3	26293.6	27019.7	27575.0	27594.3	27355.1	27053.9	27511.0	28408.0	29230.3
19°	22261.2	23831.0	24732.3	25311.1	25687.0	25766.0	25381.6	25048.4	25569.5	26622.5	27455.4
20°	20284.1	21983.6	22998.1	23431.6	23634.5	23769.1	23386.8	22961.8	23502.1	24655.4	25464.9
21°	18127.8	19941.1	20976.6	21385.6	21477.4	21682.4	21234.1	20859.3	21413.3	22575.2	23382.5
22°	15908.3	17681.3	18776.5	19143.4	19238.9	19509.7	19125.0	18745.3	19308.3	20440.7	21208.7
23°	13672.6	15348.6	16419.9	16795.8	16932.7	17281.7	16940.1	16631.1	17202.6	18256.9	18943.5
24°	11520.6	12984.7	14032.1	14435.1	14636.5	15085.6	14806.1	14517.1	15096.8	16071.9	16677.4
25°	9477.1	10692.1	11669.7	12146.0	12428.1	12893.7	12698.3	12421.7	13022.9	13887.0	14411.4
26°	7647.8	8591.4	9476.5	10013.2	10358.1	10789.5	10606.1	10395.7	10979.8	11810.4	12251.7
27°	6100.2	6779.2	7545.1	8148.0	8471.8	8810.5	8667.0	8473.3	9016.8	9781.2	10214.8
28°	5098.5	5632.9	5912.9	6477.6	6815.7	7023.7	6901.6	6774.0	7233.0	7911.1	8331.0
29°	4096.9	4486.6	4929.4	5421.0	5428.5	5541.7	5444.1	5357.0	5710.9	6274.1	6676.2
30°	3103.3	3344.0	3945.6	4364.3	4460.4	4509.9	4449.0	4245.7	4481.9	4909.5	5249.5
31°	2541.8	2715.6	2977.7	3319.6	3493.5	3483.7	3454.6	3405.9	3562.1	3859.4	4144.3
32°	2119.9	2243.8	2437.6	2709.2	2837.0	2813.5	2792.7	2776.7	2876.7	3070.8	3287.0
33°	1809.7	1894.5	2045.6	2259.9	2349.8	2308.1	2304.3	2311.8	2373.7	2492.9	2652.4
34°	1577.0	1633.4	1746.1	1926.5	1978.0	1938.3	1943.9	1954.9	2000.1	2070.9	2182.6
35°	1394.9	1431.9	1522.8	1675.7	1699.9	1659.1	1673.3	1731.5	1780.3	1830.8	1920.7
36°	1257.3	1278.3	1353.1	1490.2	1487.3	1450.5	1468.8	1510.0	1562.6	1593.2	1661.3
37°	1145.2	1158.5	1218.3	1346.3	1325.5	1291.8	1313.0	1359.4	1344.9	1355.6	1401.8
38°	1055.8	1062.2	1113.0	1236.8	1199.3	1165.8	1187.7	1245.1	1219.6	1220.1	1255.9
39°	982.7	984.8	1029.3	1150.5	1099.2	1068.7	1088.0	1150.8	1117.5	1110.1	1141.8
40°	923.2	919.9	961.1	1080.7	1018.3	986.6	1006.0	1073.8	1033.6	1020.3	1049.2
41°	873.4	865.5	904.3	1022.8	951.9	919.9	938.5	1010.1	964.9	945.0	975.2
42°	831.1	818.4	857.3	972.6	898.4	862.6	880.7	957.5	905.3	881.2	912.9
43°	794.9	778.4	817.1	928.6	852.9	814.5	831.5	913.4	854.6	827.3	861.2
44°	762.8	742.6	782.2	889.9	813.3	772.2	789.4	874.6	811.2	780.5	817.2

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	733.6	711.0	752.2	855.4	778.5	734.1	752.1	841.5	773.6	740.5	779.3
46°	705.4	681.6	724.8	823.2	747.9	700.1	719.8	811.2	739.7	703.5	745.5
47°	676.6	653.4	697.4	791.9	719.6	669.2	690.4	783.2	709.6	670.7	715.4
48°	647.4	627.5	669.8	758.2	692.4	640.9	664.8	757.1	682.4	641.7	688.2
49°	618.6	602.6	642.1	721.1	664.3	615.1	641.9	730.8	658.3	616.1	663.3
50°	589.9	578.3	614.5	684.0	635.2	590.5	617.7	702.4	635.7	591.5	639.7
51°	561.7	555.4	587.5	645.9	606.1	566.1	593.7	670.4	610.6	568.2	615.2
52°	534.0	531.9	560.6	609.4	577.2	542.3	568.2	637.9	584.3	545.0	589.7
53°	507.0	509.9	532.7	574.0	548.0	519.7	543.6	603.6	558.4	522.8	563.9
54°	482.2	488.9	506.2	539.0	518.7	497.0	518.8	569.2	532.4	501.2	536.7
55°	458.1	467.6	480.5	505.2	489.9	475.0	494.8	534.9	505.2	479.0	509.0
56°	434.2	446.2	454.8	476.6	464.1	452.9	470.7	502.7	479.2	457.1	480.1
57°	413.1	424.9	429.1	447.9	438.4	430.9	446.7	472.4	453.4	435.7	452.8
58°	392.2	405.5	405.1	419.3	412.7	410.1	422.6	446.3	430.0	414.6	427.1
59°	371.3	386.1	380.4	395.1	390.0	390.0	400.4	422.5	407.3	394.1	402.3
60°	351.4	367.2	356.8	371.3	367.0	370.3	378.5	400.8	385.2	374.1	377.5
61°	333.7	348.6	336.2	348.9	345.9	351.6	357.9	379.3	363.7	354.7	353.2
62°	318.1	330.5	318.8	330.2	326.4	333.5	339.1	359.5	343.8	336.0	330.7
63°	303.5	312.7	303.6	314.1	309.1	316.0	323.0	343.2	326.2	317.7	310.9
64°	289.1	295.3	289.2	301.9	293.1	298.7	308.3	331.9	310.4	300.4	294.2
65°	274.9	277.1	275.0	289.6	278.3	282.2	294.3	324.2	295.2	284.0	279.1
66°	259.7	259.8	260.7	276.0	263.5	265.4	280.2	315.1	280.7	267.4	264.4
67°	244.6	243.0	246.4	259.3	248.9	248.7	265.0	303.0	265.6	251.1	250.0
68°	228.8	225.1	231.0	239.6	234.7	231.7	250.0	288.8	251.3	234.3	235.7
69°	212.7	205.8	214.8	221.0	219.7	213.7	234.8	272.2	236.3	217.1	220.8
70°	196.3	187.4	198.7	211.1	203.6	195.0	218.8	254.1	220.5	197.9	205.2
71°	179.8	171.0	182.5	214.5	187.2	177.4	202.1	235.5	204.8	181.3	188.4
72°	162.9	155.9	166.0	224.4	170.3	161.4	184.9	233.8	187.5	164.7	171.7
73°	146.1	141.6	149.6	199.2	153.1	145.6	167.2	226.4	170.2	148.4	154.9
74°	129.6	127.3	132.8	162.3	136.0	130.2	149.9	192.7	152.9	132.9	138.1
75°	114.2	113.2	116.6	137.0	119.8	115.6	133.5	164.2	135.2	117.9	121.4
76°	99.3	99.6	101.9	117.0	104.0	101.8	117.4	135.8	119.3	103.7	105.7
77°	85.1	86.5	87.6	100.9	88.8	88.5	103.3	116.6	105.1	90.2	91.2
78°	71.6	73.8	73.5	86.4	74.2	75.8	88.9	100.5	89.3	77.2	77.2
79°	59.1	62.0	60.6	73.1	60.9	63.8	74.5	85.6	73.8	64.9	63.5
80°	49.0	51.8	50.2	60.4	50.1	53.1	60.8	71.8	59.9	53.3	51.4
81°	38.9	41.5	39.9	49.1	39.4	42.5	50.1	58.8	47.5	42.6	40.6
82°	28.8	31.4	29.7	37.7	28.7	31.9	39.5	46.9	36.7	32.7	30.4
83°	25.0	27.1	25.1	26.5	22.5	24.6	28.9	36.2	27.6	24.5	21.5
84°	24.0	26.5	24.6	19.9	20.8	21.5	24.0	26.3	23.1	19.4	16.8
85°	19.1	21.0	20.0	12.4	17.1	18.0	20.1	18.9	16.9	14.5	12.1
86°	9.9	10.7	11.5	6.2	10.5	11.9	13.1	11.6	10.7	9.5	7.1
87°	2.8	2.8	3.5	2.6	4.3	3.7	4.7	4.2	4.5	3.4	2.1
88°	1.1	1.2	1.2	1.2	1.3	1.4	1.9	1.4	1.4	0.9	0.5
89°	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.3	0.3	0.2	0.2

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440345
CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	41278.2	41278.2	41278.2
1°	41425.6	41363.6	41293.1
2°	41372.2	41233.3	41096.7
3°	41141.5	40913.0	40703.7
4°	40748.5	40426.0	40176.1
5°	40261.6	39872.9	39567.4
6°	39687.0	39234.3	38920.3
7°	39095.4	38625.6	38298.8
8°	38520.9	38048.9	37713.6
9°	37927.2	37497.9	37124.1
10°	37363.3	36940.4	36549.6
11°	36778.1	36336.0	35876.8
12°	36141.6	35609.8	35022.5
13°	35364.2	34721.4	34040.0
14°	34435.2	33672.7	32908.1
15°	33365.1	32517.2	31682.1
16°	32130.7	31272.1	30368.6
17°	30768.0	29935.1	29021.0
18°	29281.5	28555.4	27698.9
19°	27675.4	27160.7	26270.1
20°	25870.7	25663.5	24747.3
21°	24001.9	24014.7	23042.9
22°	21945.1	22145.9	21102.8
23°	19813.6	20069.9	18930.5
24°	17515.7	17769.5	16754.3
25°	15216.8	15468.0	14578.2
26°	12918.0	13166.2	12376.4
27°	10736.8	10877.7	10149.6
28°	8702.4	8685.8	8103.6
29°	6928.0	6820.0	6424.6
30°	5421.9	5302.3	5033.4
31°	4252.8	4132.5	3968.7
32°	3368.8	3271.4	3152.8
33°	2709.2	2638.8	2573.2
34°	2236.6	2179.3	2135.2
35°	1977.2	1921.0	1883.6
36°	1721.3	1665.4	1635.0
37°	1465.4	1409.8	1386.4
38°	1324.3	1266.0	1243.2
39°	1219.7	1151.8	1129.8
40°	1134.1	1058.8	1037.2
41°	1067.9	984.2	961.9
42°	1012.1	921.0	896.9
43°	964.9	867.4	842.0
44°	922.3	820.8	793.7

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	883.4	779.7	751.3
46°	846.7	742.8	712.8
47°	813.1	709.6	679.3
48°	781.4	681.1	648.4
49°	750.5	654.1	618.3
50°	719.2	628.2	589.9
51°	686.7	602.9	563.8
52°	650.4	576.6	539.4
53°	613.2	551.3	517.0
54°	574.9	525.7	494.8
55°	537.9	499.8	473.2
56°	500.8	473.7	451.8
57°	467.5	447.2	431.3
58°	436.6	420.9	409.6
59°	408.8	394.4	389.7
60°	385.0	369.6	369.0
61°	361.8	346.2	349.7
62°	339.4	324.6	331.2
63°	319.4	305.9	312.6
64°	303.2	290.0	294.8
65°	288.8	275.2	277.2
66°	277.5	261.2	259.8
67°	265.0	247.1	242.8
68°	247.1	232.1	225.8
69°	227.1	217.1	207.8
70°	208.9	201.0	190.5
71°	207.6	184.8	173.2
72°	206.6	168.6	156.0
73°	205.6	152.4	141.0
74°	187.0	136.6	126.9
75°	152.8	121.1	112.7
76°	125.7	104.7	99.4
77°	105.8	89.9	86.0
78°	89.4	75.8	72.8
79°	74.7	61.6	60.0
80°	60.5	48.7	48.0
81°	46.7	37.2	37.4
82°	34.8	27.3	27.5
83°	24.6	22.3	21.9
84°	17.6	17.3	16.5
85°	10.7	12.3	11.0
86°	3.7	3.5	2.3
87°	0.8	0.7	0.6
88°	0.4	0.4	0.3
89°	0.1	0.1	0.1

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440345

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)