

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: P1440343

Luminaire Tested: XSF200-SFTR-4Hx4V-840-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440343
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-4Hx4V-840-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 4 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31375.1 lumens
Efficiency: N/A
Efficacy: 156.1 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): 201
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

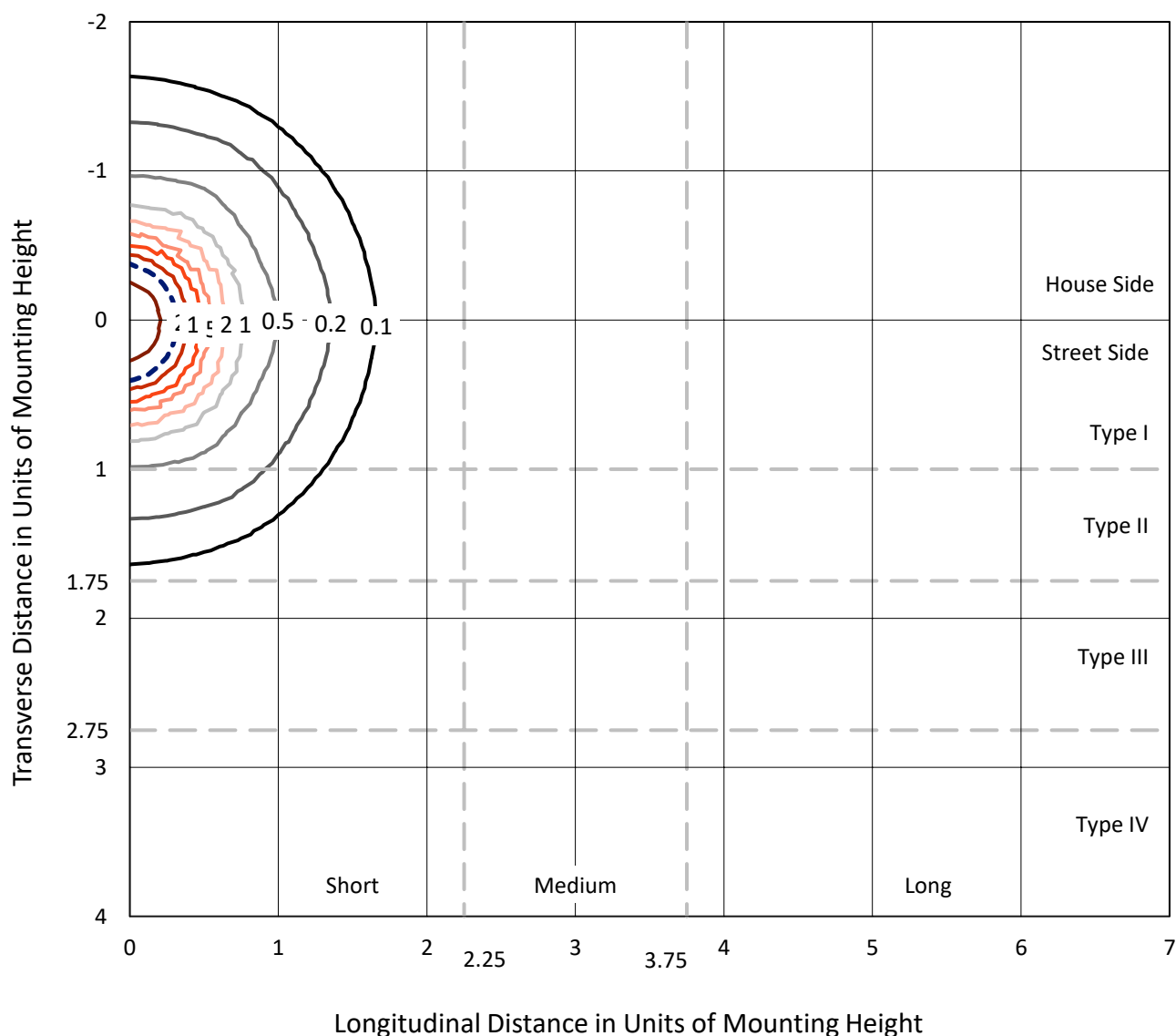
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



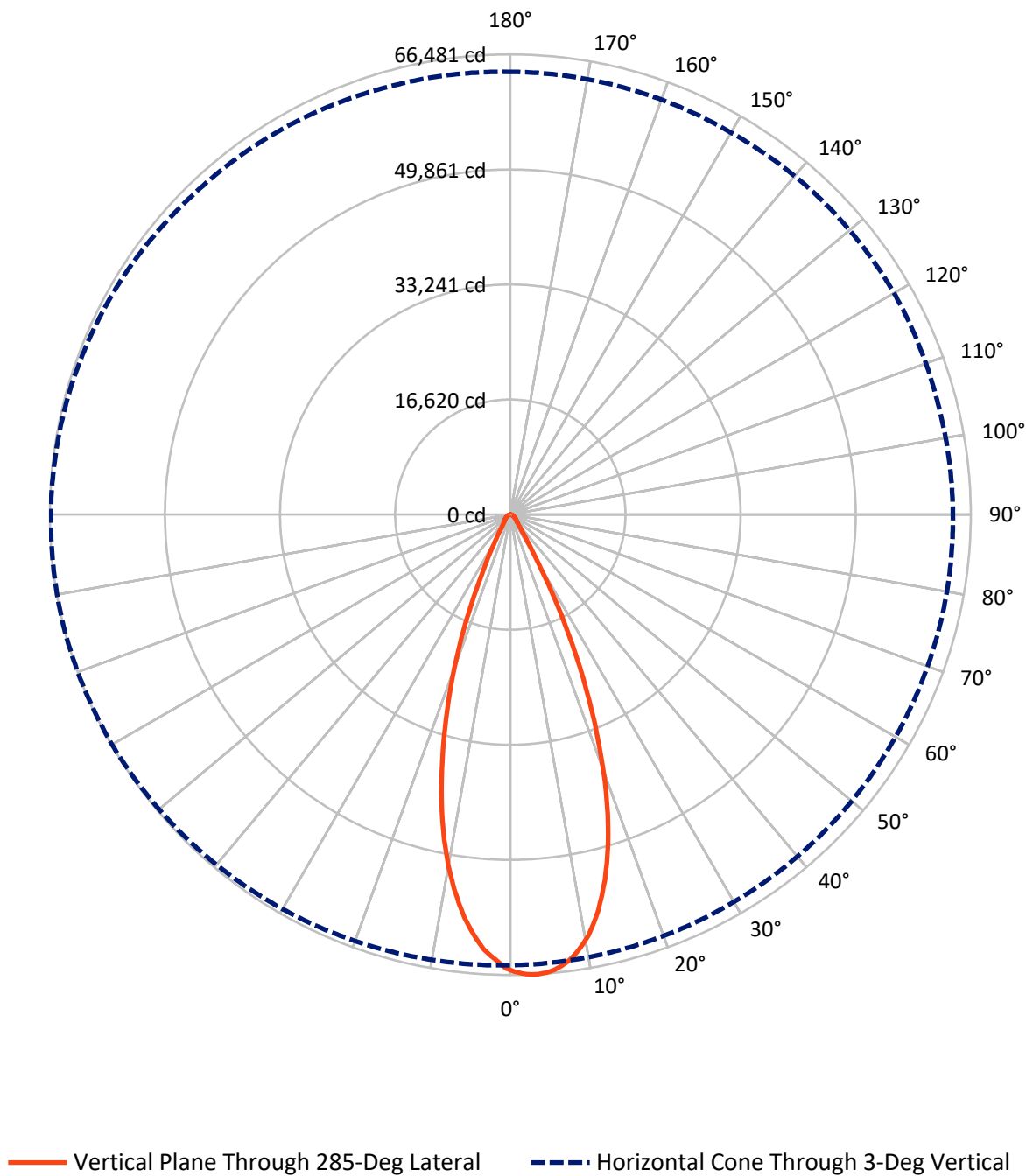
Based on 30 foot mounting height. Maximum calculated value = 73.3 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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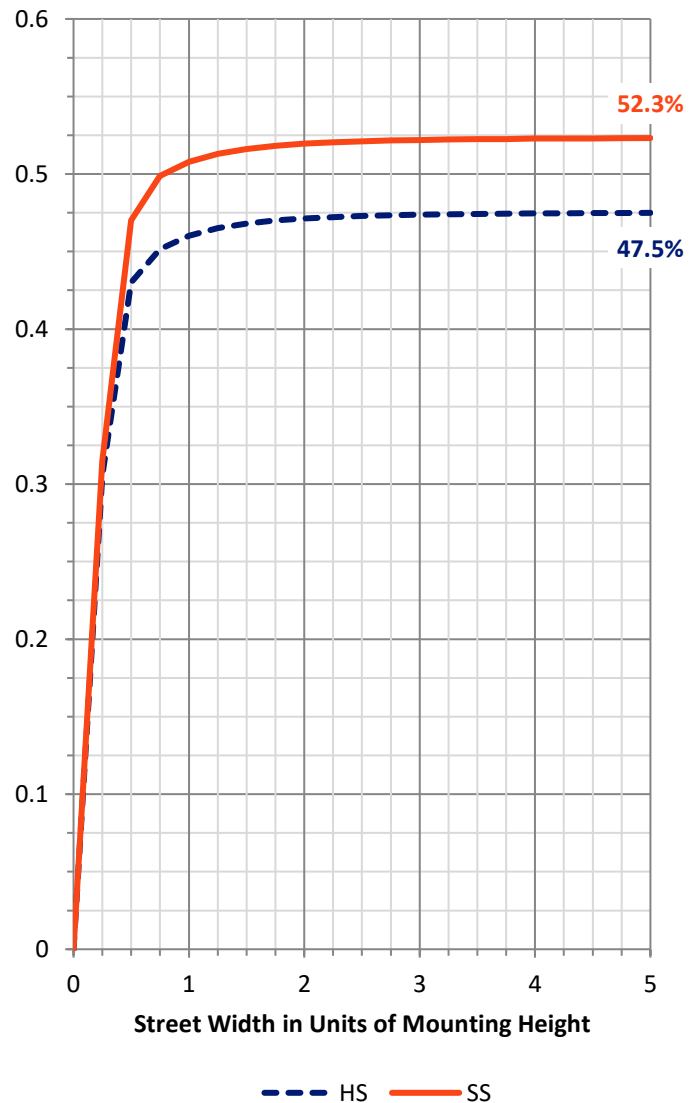
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15109.6	0.0	15109.6
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	16265.5	0.0	16265.5
	% Fixture	51.8	0.0	51.8
Total	Lumens	31375.1	0.0	31375.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5843.1	18.6
10°-20°	12992.4	41.4
20°-30°	8320.7	26.5
30°-40°	1854.0	5.9
40°-50°	965.1	3.1
50°-60°	701.8	2.2
60°-70°	452.0	1.4
70°-80°	216.2	0.7
80°-90°	29.8	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°	31375.1	100.0
0°-180°	31375.1	100.0

Coefficient of Utilization



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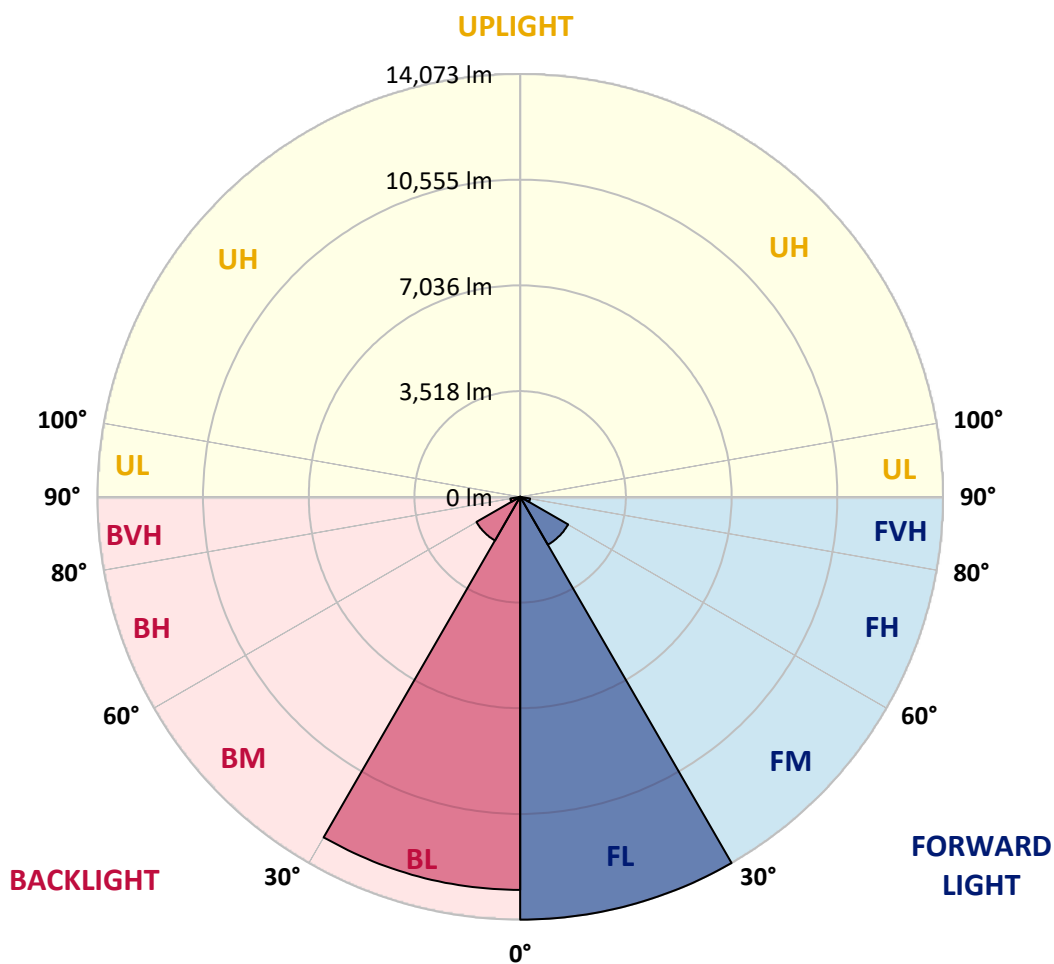
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	14072.9	44.9			
FM	(30°-60°)	1843.1	5.9			
FH	(60°-80°)	335.5	1.1			G0/660
FVH	(80°-90°)	14.1	0.0			G1/100
BL	(0°-30°)	13083.3	41.7	B5		
BM	(30°-60°)	1677.8	5.3	B2/2500		
BH	(60°-80°)	332.8	1.1	B1/500		G1/500
BVH	(80°-90°)	15.7	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°	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6
1°	66013.5	65935.0	65808.6	65699.4	65603.8	65504.8	65556.0	65535.5	65504.8	65497.9	65497.9
2°	65699.4	65511.6	65296.5	65166.7	65006.3	64903.8	64733.1	64661.4	64746.8	64712.6	64613.6
3°	65071.1	64825.3	64576.1	64408.8	64214.1	64060.5	63906.8	63787.3	63978.5	63920.5	63729.3
4°	64227.8	63954.6	63664.4	63435.7	63237.6	63029.3	63077.1	62899.6	62807.4	62800.6	62841.6
5°	63254.7	62920.1	62606.0	62332.8	62042.6	61755.8	61807.0	61591.9	61523.6	61554.3	61656.8
6°	62220.1	61858.2	61489.5	61079.7	60690.5	60335.4	60311.5	60120.3	60110.1	60209.1	60475.4
7°	61226.6	60810.0	60297.8	59727.6	59201.8	58768.2	58679.4	58522.4	58498.5	58788.7	59246.2
8°	60291.0	59799.3	59102.8	58303.9	57583.4	56972.2	56863.0	56661.5	56760.6	57248.8	57948.8
9°	59348.6	58792.1	57870.2	56791.3	55794.3	55043.1	54828.0	54694.9	54896.3	55565.5	56572.8
10°	58430.2	57668.8	56572.8	55196.8	53916.4	52997.9	52653.1	52560.9	52926.2	53820.8	55053.4
11°	57354.7	56443.0	55125.1	53506.7	51970.2	50751.3	50344.9	50300.6	50799.1	51878.0	53356.4
12°	55988.9	55022.6	53585.2	51700.5	49935.2	48450.0	47832.0	47821.7	48528.5	49788.4	51437.5
13°	54418.3	53342.8	51758.5	49723.5	47726.1	45991.6	45223.4	45220.0	46094.0	47545.2	49330.9
14°	52608.7	51437.5	49665.5	47562.2	45421.4	43400.1	42430.4	42498.7	43509.4	45114.1	46981.8
15°	50648.8	49324.0	47354.0	45233.6	42860.6	40668.6	39576.0	39637.5	40784.7	42485.1	44403.9
16°	48549.0	47029.6	44827.3	42717.2	40146.2	37810.8	36626.0	36721.6	37909.8	39736.5	41624.6
17°	46394.5	44646.4	42263.1	39996.0	37353.3	34888.1	33707.4	33784.9	34966.6	36834.3	38780.5
18°	44281.0	42194.8	39576.0	37199.6	34471.5	32059.9	30817.1	30853.3	31974.9	33827.6	35830.4
19°	41996.8	39661.4	36796.7	34263.2	31474.0	29195.6	27951.1	27938.1	28954.9	30660.4	32727.8
20°	39562.4	36984.5	33935.8	31126.8	28600.2	26330.3	25140.4	25093.9	26021.3	27477.2	29516.9
21°	36837.7	34044.7	30847.8	28181.6	25727.0	23464.9	22309.5	22241.2	23060.7	24272.1	26104.3
22°	33736.1	31514.3	27753.4	25240.8	22790.6	20607.8	19512.1	19437.7	20134.6	21095.7	22726.1
23°	30263.3	27937.4	24659.0	22202.7	19905.5	17807.7	16767.0	16677.9	17292.4	18038.5	19438.4
24°	26784.4	24333.2	21526.6	19249.9	17093.0	15114.1	14132.4	14018.7	14535.3	15133.5	16346.0
25°	23305.5	20940.0	18472.4	16379.4	14410.0	12654.7	11777.9	11613.3	11997.4	12490.1	13520.6
26°	19785.6	17699.8	15561.4	13696.8	11952.7	10470.9	9736.1	9514.2	9770.9	10166.3	10983.4
27°	16225.8	14591.0	12865.7	11302.9	9838.2	8618.9	8326.0	8115.6	8295.9	8607.6	8883.2
28°	12954.8	11746.5	10451.4	9221.2	8024.1	7070.1	6916.2	6716.8	6821.2	7048.6	7517.1
29°	10270.8	9385.1	8484.7	7514.7	6588.0	5832.4	5508.4	5323.0	5360.6	5505.7	6151.0
30°	8046.7	7463.5	6844.8	6125.7	5420.7	4820.4	4594.4	4425.0	4436.0	4544.5	4792.1
31°	6344.6	5977.2	5555.5	5034.2	4493.7	4028.6	3867.8	3723.0	3727.5	3820.3	3984.9
32°	5040.3	4810.5	4569.5	4184.3	3774.2	3425.3	3305.7	3169.4	3181.7	3264.9	3373.8
33°	4113.6	3960.0	3804.6	3525.0	3205.3	3043.6	2870.1	2746.1	2757.7	2828.6	2911.9
34°	3413.4	3317.7	3231.4	3126.3	2851.9	2666.3	2539.7	2415.8	2420.5	2494.9	2562.2
35°	3011.2	2944.1	2894.2	2728.2	2501.6	2289.1	2277.8	2157.3	2156.1	2228.6	2295.6
36°	2613.8	2575.1	2558.4	2330.2	2151.2	2063.5	2073.1	1953.7	1948.6	2021.5	2091.9
37°	2216.4	2206.0	2222.5	2086.3	1938.2	1883.0	1908.4	1789.4	1777.2	1850.5	1929.4
38°	1987.5	1986.0	2023.5	1894.1	1767.8	1734.9	1771.2	1653.2	1640.3	1713.3	1800.5
39°	1806.2	1808.7	1866.6	1734.8	1628.0	1611.4	1660.8	1543.1	1526.5	1600.8	1697.5
40°	1658.2	1665.1	1739.4	1602.1	1513.8	1509.8	1568.2	1450.9	1432.6	1508.8	1611.3
41°	1537.8	1547.3	1634.2	1497.6	1418.7	1424.6	1490.8	1373.7	1353.5	1431.9	1539.6
42°	1433.8	1449.5	1545.2	1410.0	1339.0	1353.1	1426.4	1307.0	1285.5	1367.0	1475.8
43°	1346.1	1366.6	1468.6	1335.6	1268.0	1289.8	1370.2	1250.3	1227.8	1311.9	1419.8
44°	1268.8	1295.6	1399.6	1270.7	1205.1	1233.4	1319.8	1200.8	1174.5	1264.1	1370.7

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1201.1	1231.5	1339.2	1213.7	1149.0	1182.5	1274.2	1155.6	1126.6	1218.7	1321.2
46°	1139.5	1174.0	1283.8	1164.2	1099.4	1136.5	1230.0	1111.6	1082.7	1174.1	1268.7
47°	1086.0	1122.0	1233.2	1120.9	1054.1	1093.5	1181.7	1068.9	1040.7	1127.8	1210.5
48°	1036.5	1073.5	1185.7	1079.4	1012.0	1049.1	1132.6	1027.1	1001.3	1082.1	1152.0
49°	988.5	1024.7	1135.3	1038.4	971.4	1006.8	1084.6	986.4	963.3	1035.5	1092.3
50°	943.0	977.0	1082.0	997.4	932.9	964.7	1034.5	945.8	925.7	989.3	1033.6
51°	901.4	929.2	1025.5	954.1	895.2	921.6	983.4	905.3	890.1	944.4	977.0
52°	862.3	882.9	968.7	911.3	858.2	877.6	933.4	866.3	853.8	899.2	921.9
53°	826.4	839.3	913.5	868.0	821.8	835.6	886.2	827.3	817.8	855.2	869.0
54°	791.0	795.5	859.5	825.5	785.9	794.7	839.2	790.9	782.7	811.8	818.4
55°	756.4	754.1	807.2	783.6	751.4	756.0	795.9	755.4	748.7	770.6	774.9
56°	722.2	714.3	757.1	741.9	717.7	720.7	758.9	719.8	714.8	729.5	732.5
57°	689.4	677.1	710.5	701.4	685.2	687.1	722.0	684.2	680.9	688.5	690.3
58°	654.9	640.9	669.8	661.8	653.3	654.8	685.1	651.2	649.9	648.6	652.6
59°	622.9	607.4	632.1	623.0	623.0	624.4	652.3	619.8	619.4	611.2	616.4
60°	589.8	574.5	594.9	584.6	591.3	595.1	620.1	589.4	588.9	575.7	582.0
61°	559.0	543.5	559.3	549.0	560.8	567.6	589.9	561.4	558.4	544.3	549.2
62°	529.4	514.4	527.2	517.8	532.6	540.5	565.7	535.5	529.7	516.8	523.0
63°	499.7	487.3	498.6	489.6	504.2	515.4	548.1	510.8	502.5	491.0	500.4
64°	471.3	462.9	475.6	464.0	477.0	490.4	530.7	486.5	475.5	465.9	479.8
65°	443.2	438.6	455.8	439.4	449.9	465.8	509.4	461.4	448.5	441.1	456.5
66°	415.3	415.4	436.1	414.7	422.5	441.7	486.4	436.3	420.7	417.1	428.8
67°	388.2	392.4	410.8	389.8	394.8	418.2	460.7	411.8	392.4	393.9	397.0
68°	361.0	368.1	379.9	365.4	365.9	392.2	432.6	385.8	362.9	369.6	363.9
69°	332.2	344.0	349.4	339.2	335.1	364.6	402.2	359.1	330.9	343.8	342.1
70°	304.5	317.0	322.9	311.9	306.1	337.4	379.1	331.7	299.0	317.1	365.6
71°	276.9	291.2	329.4	284.6	277.1	309.2	415.6	303.7	271.3	289.5	380.1
72°	249.3	265.4	336.6	257.3	248.1	280.9	380.2	275.7	245.8	261.7	351.3
73°	225.4	239.7	343.8	229.6	222.2	252.7	320.5	248.1	220.5	232.7	291.1
74°	202.8	212.9	285.2	203.9	197.7	226.0	269.3	221.5	196.4	205.3	248.1
75°	180.2	185.9	228.4	178.2	174.2	200.0	231.9	197.4	173.9	180.4	216.4
76°	158.9	161.9	189.0	154.7	152.3	174.2	204.0	175.5	151.8	156.0	187.7
77°	137.4	138.6	159.4	132.8	131.6	148.5	179.8	151.8	131.2	131.9	161.9
78°	116.3	115.0	135.0	111.7	111.6	124.4	157.6	127.4	111.1	109.7	137.2
79°	95.9	92.7	112.6	91.3	92.8	102.2	135.0	105.2	92.5	91.1	115.8
80°	76.7	73.0	90.6	72.8	75.3	82.6	112.7	87.2	76.4	72.6	94.4
81°	59.7	55.6	68.8	56.4	59.1	65.0	91.9	69.3	60.2	54.1	76.1
82°	43.9	40.6	50.7	41.2	44.7	49.7	74.2	51.4	44.2	41.0	57.8
83°	35.1	32.5	34.7	32.2	34.2	38.1	56.4	39.8	34.9	32.0	39.6
84°	26.3	24.6	23.1	23.3	26.8	29.0	38.7	32.6	27.9	25.7	28.1
85°	17.6	16.7	11.5	14.4	19.3	20.1	24.0	24.2	20.0	18.0	16.7
86°	3.7	3.8	3.9	6.6	8.6	11.1	12.5	13.1	10.5	9.5	7.8
87°	1.0	0.9	1.0	1.4	2.5	3.6	5.0	4.2	3.4	3.8	3.3
88°	0.5	0.5	0.5	0.5	0.7	1.0	1.4	1.5	1.5	1.5	1.6
89°	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.6	0.6	0.6

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CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

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: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440343
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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: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6	65989.6
1°	65590.1	65637.9	65754.0	65853.0	65965.7	66057.9	66139.8	66238.9	66303.7	66327.6	66303.7
2°	64709.2	64801.4	64999.4	65426.2	65699.4	65972.5	66194.5	66385.7	66474.4	66467.6	66331.0
3°	63828.3	63964.9	64244.9	64695.6	65071.1	65661.8	66088.6	66354.9	66481.3	66402.7	66098.9
4°	62944.0	63128.4	63486.9	63961.5	64446.3	65122.4	65829.1	66197.9	66344.7	66156.9	65682.3
5°	61858.2	62073.3	62442.1	63012.3	63818.1	64582.9	65460.4	65938.4	66068.1	65696.0	65057.5
6°	60748.5	61045.6	61428.0	62015.3	62916.7	64036.6	64770.7	65491.1	65583.3	65132.6	64316.6
7°	59676.4	60052.0	60495.9	61083.2	61998.2	63128.4	64077.6	64821.9	64938.0	64381.4	63466.4
8°	58597.5	59099.4	59591.1	60174.9	61025.1	62186.0	63384.4	63995.6	64091.2	63500.5	62527.4
9°	57457.1	58068.3	58635.0	59256.5	60055.4	61107.1	62295.3	62957.6	63029.3	62435.2	61530.4
10°	56156.2	56900.5	57583.4	58300.4	59000.4	59905.2	60997.8	61667.0	61820.7	61223.1	60482.2
11°	54633.4	55483.6	56333.8	57214.7	57890.7	58553.1	59505.7	60123.7	60273.9	59836.9	59365.7
12°	52885.2	53813.9	54797.3	55907.0	56627.4	57040.5	57788.3	58327.8	58556.5	58314.1	58194.6
13°	50881.0	51847.3	53001.3	54377.3	55203.6	55367.5	55876.2	56326.9	56620.6	56583.0	56818.6
14°	48648.0	49665.5	50949.3	52608.7	53527.1	53547.6	53834.4	54141.7	54496.8	54691.4	55309.4
15°	46244.3	47473.5	48770.9	50556.6	51604.8	51550.2	51598.0	51731.2	52154.6	52677.0	53574.9
16°	43741.5	45216.6	46541.3	48255.3	49361.6	49262.6	49184.1	49112.4	49648.4	50467.9	51618.5
17°	41225.2	43004.0	44304.9	45814.1	46886.2	46831.6	46568.6	46292.1	46968.1	48077.8	49337.7
18°	38527.8	40668.6	42034.4	43195.2	44083.0	44113.7	43731.3	43249.9	43980.6	45414.6	46729.1
19°	35588.0	38097.6	39538.5	40463.7	41064.7	41191.0	40576.4	40043.8	40876.9	42560.2	43891.8
20°	32427.3	35144.2	36766.0	37459.1	37783.5	37998.6	37387.4	36707.9	37571.8	39415.5	40709.6
21°	28980.2	31879.0	33534.3	34188.1	34334.9	34662.7	33946.0	33346.8	34232.5	36089.9	37380.6
22°	25432.0	28266.2	30017.1	30603.7	30756.3	31189.3	30574.4	29967.3	30867.3	32677.6	33905.4
23°	21857.8	24537.1	26249.7	26850.6	27069.5	27627.4	27081.4	26587.4	27501.1	29186.4	30284.1
24°	18417.5	20758.0	22432.4	23076.7	23398.7	24116.7	23669.8	23207.8	24134.5	25693.5	26661.5
25°	15150.6	17093.0	18655.8	19417.2	19868.2	20612.6	20300.2	19858.0	20819.1	22200.6	23038.8
26°	12226.2	13734.7	15149.6	16007.6	16559.0	17248.7	16955.4	16619.1	17553.0	18880.8	19586.2
27°	9752.1	10837.6	12062.0	13025.8	13543.5	14085.0	13855.5	13545.8	14414.8	15636.8	16329.9
28°	8150.8	9005.1	9452.7	10355.5	10896.0	11228.5	11033.2	10829.4	11563.1	12647.2	13318.4
29°	6549.5	7172.6	7880.4	8666.4	8678.3	8859.3	8703.2	8563.9	9129.7	10030.1	10673.0
30°	4961.1	5345.9	6307.7	6976.9	7130.6	7209.8	7112.5	6787.4	7165.1	7848.6	8392.2
31°	4063.4	4341.4	4760.3	5307.0	5584.9	5569.2	5522.8	5444.9	5694.5	6169.8	6625.3
32°	3389.0	3587.1	3896.8	4331.1	4535.3	4497.8	4464.6	4439.0	4598.8	4909.2	5254.7
33°	2893.0	3028.6	3270.2	3612.7	3756.5	3689.9	3683.8	3695.7	3794.7	3985.3	4240.3
34°	2521.1	2611.2	2791.5	3079.8	3162.1	3098.7	3107.7	3125.2	3197.5	3310.6	3489.1
35°	2230.0	2289.1	2434.4	2678.9	2717.5	2652.3	2675.1	2768.0	2846.1	2926.8	3070.6
36°	2010.0	2043.6	2163.2	2382.4	2377.7	2318.8	2348.1	2413.9	2498.0	2547.0	2655.8
37°	1830.8	1852.0	1947.6	2152.3	2119.0	2065.2	2099.1	2173.2	2150.0	2167.2	2241.0
38°	1687.9	1698.0	1779.2	1977.2	1917.3	1863.7	1898.7	1990.5	1949.7	1950.6	2007.7
39°	1571.0	1574.3	1645.5	1839.2	1757.2	1708.5	1739.3	1839.8	1786.5	1774.7	1825.4
40°	1475.9	1470.6	1536.5	1727.6	1627.9	1577.2	1608.2	1716.7	1652.4	1631.1	1677.3
41°	1396.3	1383.7	1445.7	1635.1	1521.8	1470.7	1500.3	1614.7	1542.5	1510.8	1558.9
42°	1328.7	1308.4	1370.6	1554.9	1436.2	1379.0	1408.0	1530.8	1447.2	1408.7	1459.4
43°	1270.8	1244.4	1306.2	1484.5	1363.5	1302.1	1329.4	1460.2	1366.2	1322.6	1376.8
44°	1219.5	1187.2	1250.5	1422.7	1300.1	1234.4	1262.0	1398.3	1296.8	1247.8	1306.4

REPORT NUMBER: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1172.7	1136.7	1202.5	1367.6	1244.5	1173.6	1202.3	1345.3	1236.8	1183.8	1245.8
46°	1127.8	1089.6	1158.7	1316.1	1195.7	1119.3	1150.6	1296.8	1182.5	1124.7	1191.7
47°	1081.6	1044.6	1114.9	1266.0	1150.4	1069.9	1103.7	1252.1	1134.4	1072.2	1143.7
48°	1034.9	1003.1	1070.7	1212.1	1107.0	1024.6	1062.8	1210.4	1091.0	1025.8	1100.2
49°	989.0	963.3	1026.5	1152.8	1062.0	983.4	1026.2	1168.4	1052.4	984.9	1060.4
50°	943.1	924.5	982.3	1093.5	1015.5	944.0	987.5	1122.9	1016.3	945.5	1022.7
51°	898.0	887.9	939.3	1032.6	969.0	905.0	949.2	1071.7	976.1	908.3	983.5
52°	853.6	850.2	896.2	974.2	922.8	867.0	908.3	1019.8	934.1	871.3	942.8
53°	810.5	815.1	851.7	917.6	876.1	830.9	869.0	965.0	892.7	835.8	901.5
54°	770.8	781.7	809.2	861.7	829.2	794.6	829.4	910.0	851.1	801.2	858.0
55°	732.4	747.5	768.2	807.7	783.2	759.3	791.0	855.1	807.6	765.8	813.7
56°	694.1	713.4	727.1	761.9	742.0	724.1	752.5	803.7	766.2	730.8	767.6
57°	660.4	679.3	686.1	716.1	700.8	688.8	714.0	755.2	724.8	696.6	723.9
58°	627.0	648.2	647.5	670.4	659.7	655.6	675.6	713.5	687.3	662.8	682.8
59°	593.5	617.2	608.1	631.7	623.4	623.5	640.2	675.4	651.1	630.0	643.1
60°	561.7	587.0	570.3	593.6	586.7	592.0	605.1	640.7	615.8	598.1	603.5
61°	533.4	557.4	537.4	557.7	553.0	562.1	572.2	606.4	581.5	567.1	564.7
62°	508.6	528.3	509.6	527.8	521.9	533.1	542.1	574.7	549.7	537.2	528.6
63°	485.1	499.9	485.3	502.2	494.2	505.1	516.3	548.7	521.5	507.9	497.1
64°	462.2	472.0	462.3	482.7	468.5	477.5	492.9	530.6	496.3	480.3	470.3
65°	439.4	443.0	439.6	463.0	444.9	451.1	470.5	518.3	471.9	454.0	446.2
66°	415.2	415.3	416.8	441.2	421.3	424.3	447.9	503.7	448.7	427.4	422.7
67°	391.0	388.5	393.8	414.5	398.0	397.6	423.7	484.4	424.6	401.4	399.6
68°	365.7	359.9	369.2	383.0	375.2	370.4	399.7	461.7	401.7	374.6	376.8
69°	340.0	329.1	343.4	353.3	351.2	341.6	375.3	435.2	377.7	347.1	352.9
70°	313.9	299.6	317.7	337.4	325.4	311.8	349.8	406.2	352.6	316.4	328.0
71°	287.4	273.4	291.7	343.0	299.2	283.6	323.1	376.5	327.4	289.8	301.2
72°	260.4	249.2	265.4	358.7	272.2	258.0	295.6	373.8	299.7	263.3	274.4
73°	233.6	226.3	239.1	318.4	244.8	232.7	267.2	361.9	272.1	237.3	247.6
74°	207.2	203.6	212.3	259.4	217.5	208.1	239.6	308.0	244.4	212.5	220.8
75°	182.5	181.0	186.5	219.1	191.5	184.8	213.4	262.5	216.2	188.5	194.1
76°	158.7	159.2	162.9	187.0	166.2	162.7	187.7	217.1	190.8	165.9	169.0
77°	136.0	138.3	140.0	161.4	142.0	141.4	165.2	186.4	168.0	144.2	145.8
78°	114.5	118.0	117.6	138.1	118.7	121.2	142.1	160.7	142.7	123.5	123.4
79°	94.5	99.2	96.9	116.9	97.3	102.0	119.0	136.9	118.0	103.7	101.5
80°	78.4	82.8	80.3	96.5	80.2	85.0	97.2	114.9	95.8	85.3	82.2
81°	62.3	66.4	63.7	78.4	63.0	67.9	80.1	94.1	75.9	68.0	64.9
82°	46.1	50.1	47.4	60.3	45.9	51.0	63.1	75.0	58.7	52.3	48.7
83°	40.0	43.3	40.2	42.4	36.0	39.3	46.3	57.9	44.1	39.1	34.4
84°	38.4	42.4	39.3	31.8	33.2	34.4	38.4	42.0	36.9	31.0	26.9
85°	30.5	33.6	31.9	19.9	27.3	28.8	32.1	30.2	27.0	23.1	19.4
86°	15.9	17.1	18.4	9.9	16.8	19.0	21.0	18.5	17.1	15.2	11.3
87°	4.5	4.6	5.5	4.2	6.8	6.0	7.5	6.7	7.3	5.5	3.4
88°	1.8	1.9	2.0	1.9	2.0	2.2	3.1	2.3	2.2	1.4	0.8
89°	0.6	0.7	0.7	0.8	0.9	0.9	0.8	0.6	0.5	0.4	0.3

REPORT NUMBER: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

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: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

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: P1440343
CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

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: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	65989.6	65989.6	65989.6
1°	66225.2	66126.2	66013.5
2°	66139.8	65917.9	65699.4
3°	65771.1	65405.7	65071.1
4°	65142.8	64627.3	64227.8
5°	64364.4	63742.9	63254.7
6°	63445.9	62722.1	62220.1
7°	62500.1	61749.0	61226.6
8°	61581.7	60827.1	60291.0
9°	60632.5	59946.2	59348.6
10°	59731.1	59055.0	58430.2
11°	58795.5	58088.7	57354.7
12°	57778.0	56927.9	55988.9
13°	56535.2	55507.5	54418.3
14°	55050.0	53831.0	52608.7
15°	53339.4	51983.8	50648.8
16°	51365.8	49993.3	48549.0
17°	49187.5	47855.9	46394.5
18°	46811.1	45650.2	44281.0
19°	44243.5	43420.6	41996.8
20°	41358.3	41027.1	39562.4
21°	38370.7	38391.2	36837.7
22°	35082.7	35403.6	33736.1
23°	31675.1	32084.9	30263.3
24°	28001.6	28407.3	26784.4
25°	24326.4	24727.9	23305.5
26°	20651.5	21048.3	19785.6
27°	17164.4	17389.7	16225.8
28°	13912.2	13885.6	12954.8
29°	11075.5	10902.8	10270.8
30°	8667.7	8476.5	8046.7
31°	6798.7	6606.5	6344.6
32°	5385.5	5229.8	5040.3
33°	4331.1	4218.5	4113.6
34°	3575.5	3484.0	3413.4
35°	3160.8	3071.0	3011.2
36°	2751.7	2662.4	2613.8
37°	2342.7	2253.8	2216.4
38°	2117.1	2023.9	1987.5
39°	1949.8	1841.3	1806.2
40°	1813.0	1692.6	1658.2
41°	1707.3	1573.4	1537.8
42°	1618.0	1472.4	1433.8
43°	1542.6	1386.7	1346.1
44°	1474.4	1312.2	1268.8

REPORT NUMBER: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1412.3	1246.5	1201.1
46°	1353.6	1187.5	1139.5
47°	1299.9	1134.5	1086.0
48°	1249.3	1088.9	1036.5
49°	1199.8	1045.7	988.5
50°	1149.8	1004.3	943.0
51°	1097.8	963.8	901.4
52°	1039.8	921.8	862.3
53°	980.3	881.4	826.4
54°	919.1	840.4	791.0
55°	859.9	799.0	756.4
56°	800.7	757.3	722.2
57°	747.3	715.0	689.4
58°	698.0	672.8	654.9
59°	653.5	630.5	622.9
60°	615.5	590.8	589.8
61°	578.4	553.4	559.0
62°	542.6	519.0	529.4
63°	510.7	489.1	499.7
64°	484.6	463.7	471.3
65°	461.7	440.0	443.2
66°	443.6	417.6	415.3
67°	423.7	395.0	388.2
68°	395.0	371.0	361.0
69°	363.0	347.0	332.2
70°	334.0	321.4	304.5
71°	331.9	295.4	276.9
72°	330.3	269.5	249.3
73°	328.8	243.6	225.4
74°	299.0	218.4	202.8
75°	244.3	193.6	180.2
76°	200.9	167.4	158.9
77°	169.2	143.7	137.4
78°	142.9	121.2	116.3
79°	119.4	98.4	95.9
80°	96.8	77.9	76.7
81°	74.7	59.5	59.7
82°	55.6	43.6	43.9
83°	39.3	35.6	35.1
84°	28.1	27.6	26.3
85°	17.1	19.6	17.6
86°	6.0	5.5	3.7
87°	1.3	1.1	1.0
88°	0.6	0.6	0.5
89°	0.2	0.2	0.2

REPORT NUMBER: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

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: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

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: P1440343

CATALOG NUMBER: XSF200-SFTR-4Hx4V-840-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)