

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: P1440377

Luminaire Tested: XSF300-SFTR-4Hx4V-830-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440377
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-4Hx4V-830-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 4 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 3
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28993.4 lumens
Efficiency: N/A
Efficacy: 158.4 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): 183
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

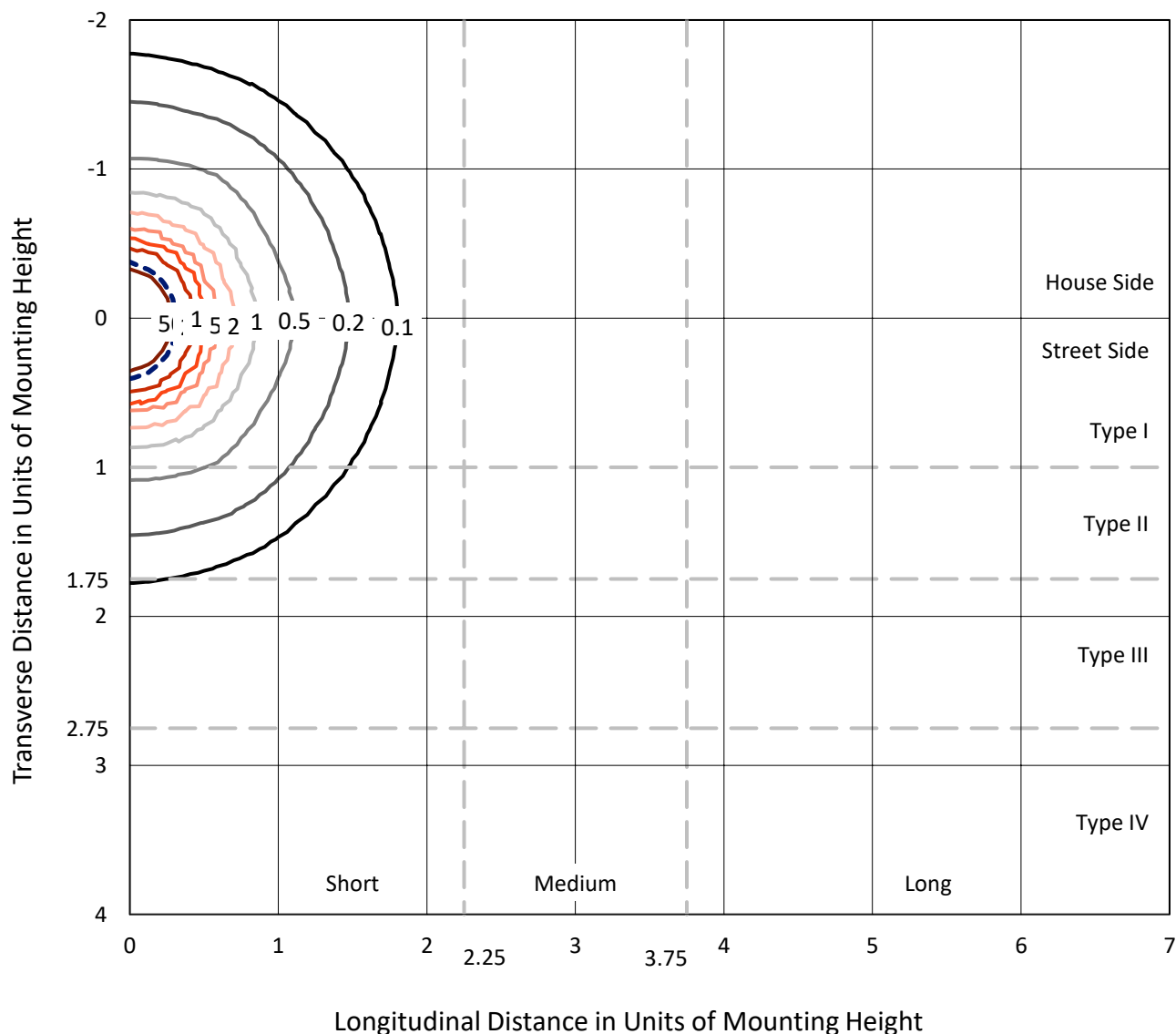
REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



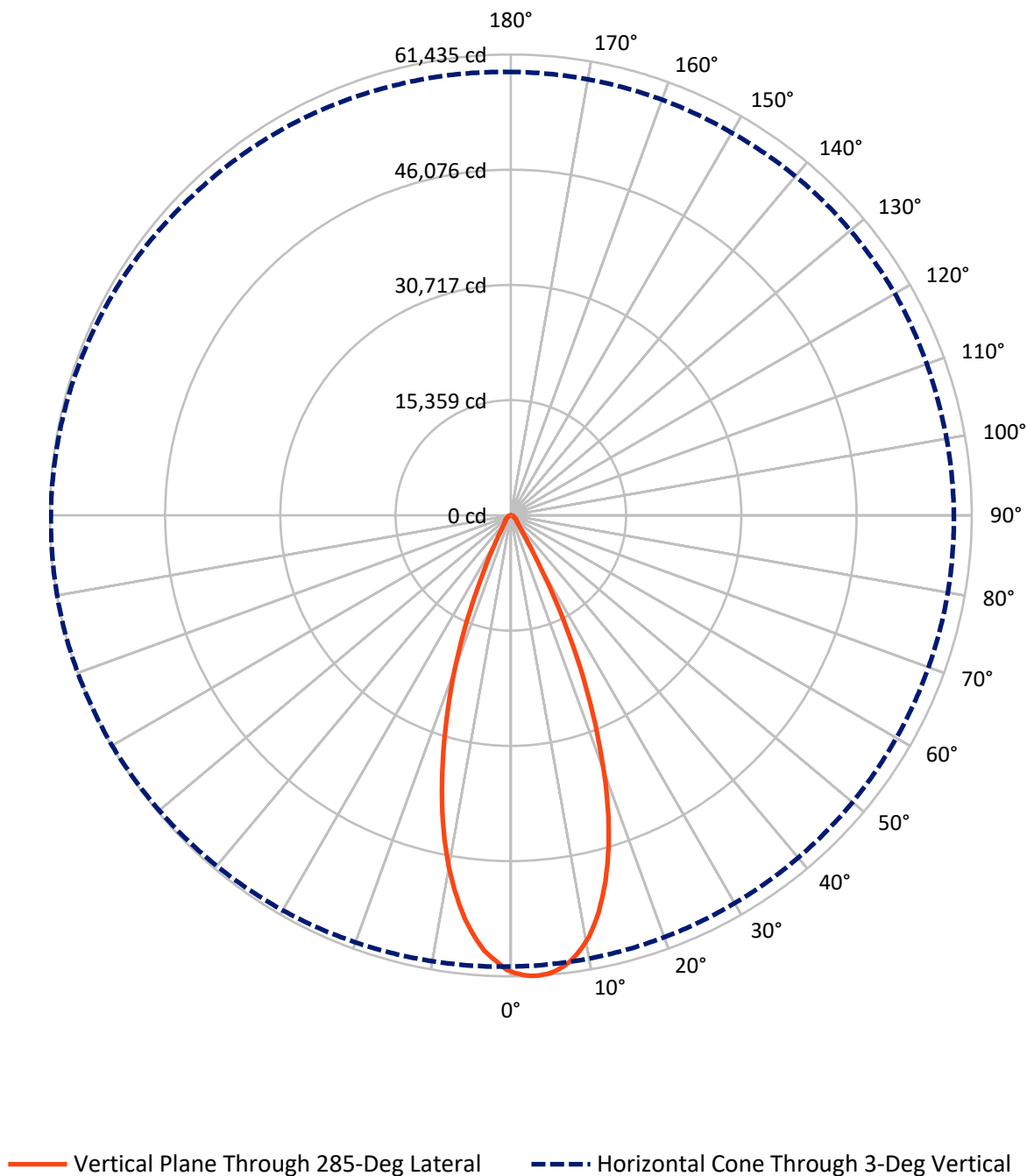
Based on 25 foot mounting height. Maximum calculated value = 97.6 fc

Type I - Short - N/A

REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

Luminous Intensity Polar Plot



REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

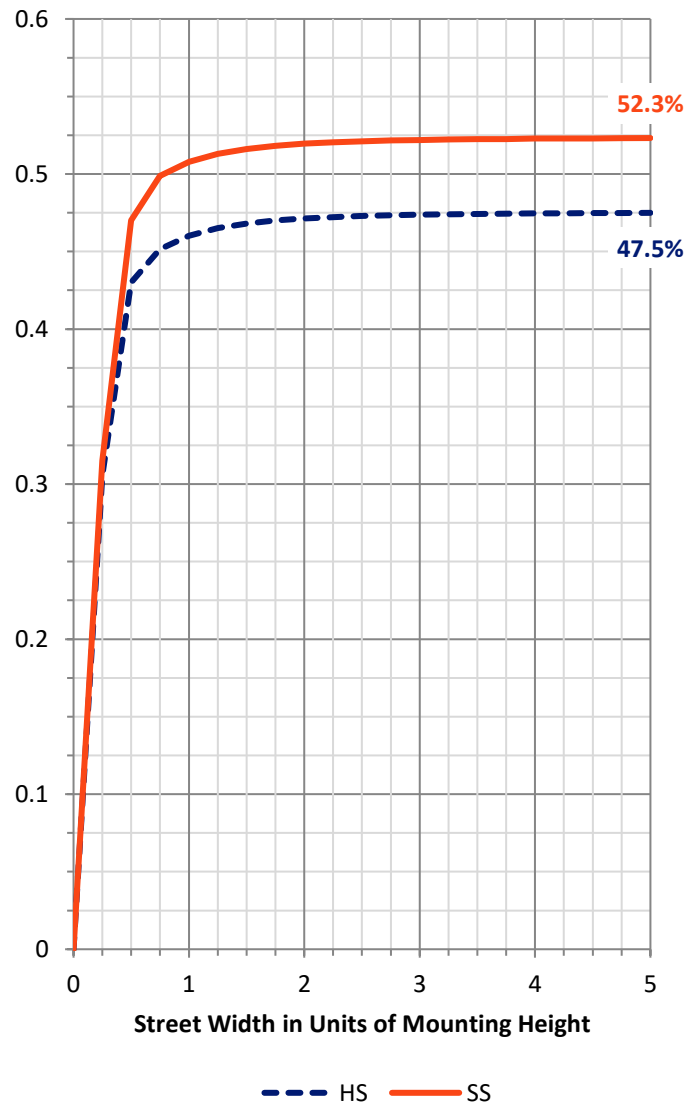
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13962.6	0.0	13962.6
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	15030.7	0.0	15030.7
	% Fixture	51.8	0.0	51.8
Total	Lumens	28993.4	0.0	28993.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5399.5	18.6
10°-20°	12006.1	41.4
20°-30°	7689.1	26.5
30°-40°	1713.2	5.9
40°-50°	891.8	3.1
50°-60°	648.6	2.2
60°-70°	417.7	1.4
70°-80°	199.8	0.7
80°-90°	27.5	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°	28993.4	100.0
0°-180°	28993.4	100.0

Coefficient of Utilization



REPORT NUMBER: P1440377

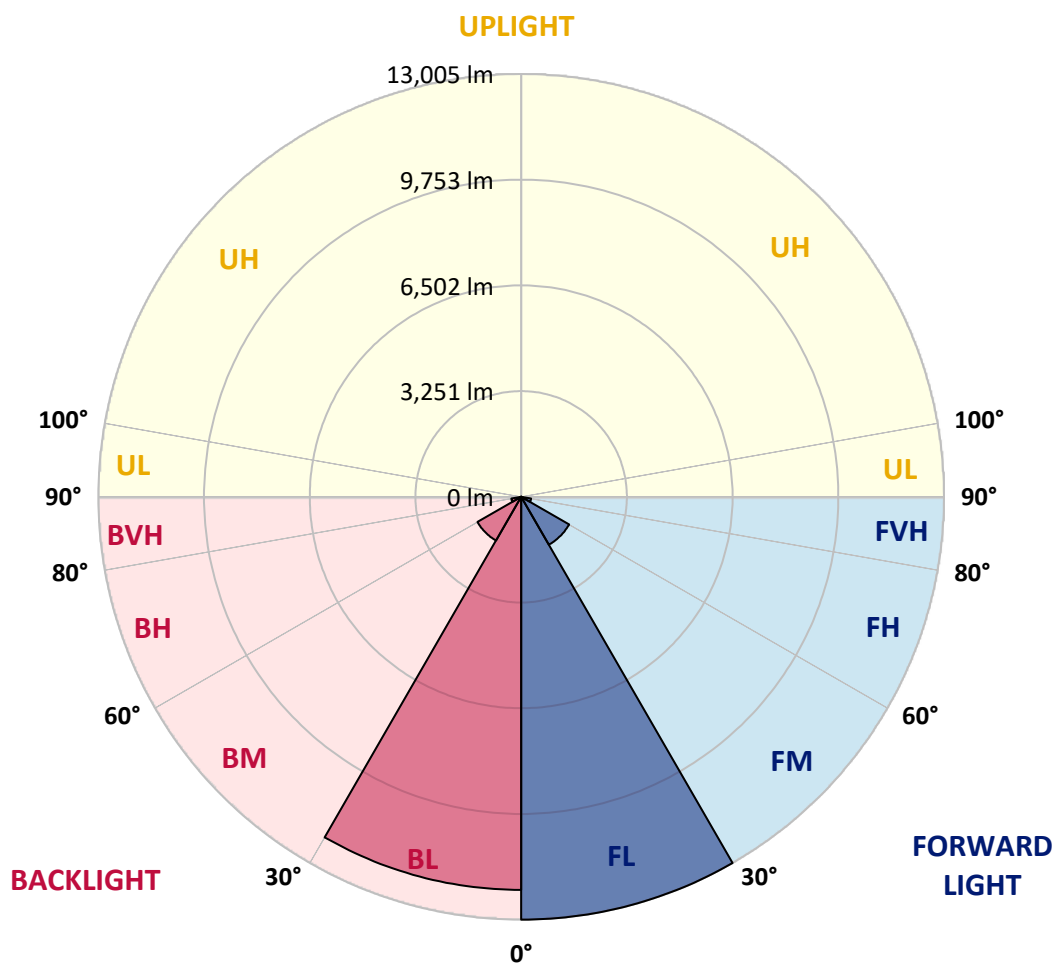
CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	13004.6	44.9			
FM	(30°-60°)	1703.2	5.9			
FH	(60°-80°)	310.0	1.1			G0/660
FVH	(80°-90°)	13.0	0.0			G1/100
BL	(0°-30°)	12090.1	41.7	B5		
BM	(30°-60°)	1550.5	5.3	B2/2500		
BH	(60°-80°)	307.5	1.1	B1/500		G1/500
BVH	(80°-90°)	14.5	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



REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3
1°	61002.4	60929.8	60813.0	60712.1	60623.7	60532.2	60579.6	60560.6	60532.2	60525.9	60525.9
2°	60712.1	60538.5	60339.8	60219.9	60071.6	59976.9	59819.2	59752.9	59831.8	59800.2	59708.7
3°	60131.5	59904.4	59674.0	59519.4	59339.6	59197.6	59055.6	58945.2	59121.9	59068.2	58891.5
4°	59352.2	59099.8	58831.6	58620.2	58437.2	58244.7	58288.9	58124.8	58039.6	58033.3	58071.2
5°	58453.0	58143.8	57853.5	57601.1	57332.9	57067.8	57115.2	56916.4	56853.3	56881.7	56976.3
6°	57496.9	57162.5	56821.7	56443.1	56083.4	55755.3	55733.2	55556.5	55547.0	55638.5	55884.6
7°	56578.8	56193.9	55720.6	55193.7	54707.8	54307.1	54225.0	54079.9	54057.8	54326.0	54748.8
8°	55714.3	55259.9	54616.3	53877.9	53212.2	52647.4	52546.5	52360.3	52451.8	52903.0	53549.8
9°	54843.4	54329.1	53477.2	52480.2	51558.9	50864.7	50666.0	50542.9	50729.1	51347.5	52278.3
10°	53994.7	53291.1	52278.3	51006.7	49823.5	48974.8	48656.1	48570.9	48908.5	49735.2	50874.2
11°	53000.8	52158.4	50940.5	49444.9	48025.1	46898.7	46523.2	46482.2	46942.9	47939.9	49306.1
12°	51738.7	50845.8	49517.5	47775.8	46144.6	44772.1	44201.0	44191.5	44844.7	46008.9	47532.9
13°	50287.3	49293.5	47829.5	45949.0	44103.2	42500.3	41790.4	41787.3	42595.0	43936.0	45586.1
14°	48615.1	47532.9	45895.3	43951.7	41973.4	40105.6	39209.5	39272.6	40206.5	41689.5	43415.4
15°	46804.0	45579.8	43759.3	41799.9	39607.0	37581.4	36571.8	36628.5	37688.7	39260.0	41033.2
16°	44863.6	43459.5	41424.4	39474.5	37098.7	34940.5	33845.7	33934.0	35032.0	36720.0	38464.9
17°	42872.7	41257.2	39054.9	36959.8	34517.7	32239.7	31148.6	31220.2	32312.3	34038.1	35836.6
18°	40919.6	38991.8	36571.8	34375.7	31854.8	29626.2	28477.8	28511.2	29547.7	31259.7	33110.5
19°	38808.8	36650.6	34003.4	31662.3	29084.8	26979.4	25829.3	25817.3	26756.9	28332.9	30243.4
20°	36559.1	34177.0	31359.7	28763.9	26429.1	24331.5	23231.9	23189.0	24046.0	25391.4	27276.3
21°	34041.3	31460.4	28506.2	26042.3	23774.0	21683.7	20616.0	20552.9	21310.1	22429.6	24122.7
22°	31175.1	29122.0	25646.6	23324.7	21060.5	19043.4	18030.9	17962.2	18606.1	19494.3	21000.9
23°	27966.0	25816.7	22787.1	20517.2	18394.4	16455.9	15494.2	15411.8	15979.8	16669.2	17962.8
24°	24751.2	22486.1	19892.5	17788.6	15795.5	13966.7	13059.6	12954.6	13431.9	13984.7	15105.1
25°	21536.3	19350.4	17070.2	15136.1	13316.1	11694.1	10883.8	10731.7	11086.7	11542.0	12494.2
26°	18283.7	16356.2	14380.1	12657.0	11045.4	9676.0	8997.0	8791.9	9029.2	9394.6	10149.6
27°	14994.1	13483.4	11889.1	10444.9	9091.4	7964.6	7693.9	7499.6	7666.2	7954.2	8208.8
28°	11971.4	10854.8	9658.0	8521.2	7415.0	6533.4	6391.1	6206.9	6303.4	6513.6	6946.5
29°	9491.1	8672.7	7840.6	6944.2	6087.9	5389.7	5090.3	4918.9	4953.6	5087.7	5684.1
30°	7435.8	6896.9	6325.2	5660.7	5009.2	4454.5	4245.6	4089.1	4099.2	4199.6	4428.3
31°	5863.0	5523.5	5133.8	4652.0	4152.5	3722.8	3574.2	3440.4	3444.5	3530.3	3682.4
32°	4657.7	4445.3	4222.6	3866.7	3487.7	3165.3	3054.7	2928.8	2940.1	3017.1	3117.7
33°	3801.4	3659.4	3515.8	3257.4	2962.0	2812.6	2652.2	2537.7	2548.3	2613.9	2690.8
34°	3154.3	3065.8	2986.1	2889.0	2635.4	2463.9	2347.0	2232.4	2236.7	2305.5	2367.7
35°	2782.6	2720.6	2674.5	2521.1	2311.7	2115.3	2104.9	1993.5	1992.4	2059.5	2121.3
36°	2415.4	2379.6	2364.1	2153.3	1987.9	1906.8	1915.8	1805.4	1800.7	1868.1	1933.1
37°	2048.2	2038.5	2053.8	1927.9	1791.1	1740.1	1763.5	1653.5	1642.3	1710.0	1782.9
38°	1836.6	1835.3	1869.9	1750.3	1633.6	1603.2	1636.8	1527.7	1515.8	1583.2	1663.8
39°	1669.1	1671.4	1724.9	1603.1	1504.5	1489.1	1534.7	1426.0	1410.7	1479.3	1568.6
40°	1532.3	1538.7	1607.4	1480.4	1398.9	1395.2	1449.2	1340.8	1323.9	1394.3	1489.0
41°	1421.1	1429.8	1510.1	1384.0	1311.0	1316.5	1377.6	1269.4	1250.8	1323.2	1422.8
42°	1325.0	1339.5	1427.9	1303.0	1237.4	1250.4	1318.1	1207.8	1187.9	1263.3	1363.8
43°	1243.9	1262.9	1357.1	1234.2	1171.8	1191.9	1266.1	1155.4	1134.6	1212.3	1312.1
44°	1172.5	1197.2	1293.4	1174.2	1113.6	1139.8	1219.6	1109.6	1085.3	1168.1	1266.6

REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1109.9	1138.0	1237.5	1121.6	1061.8	1092.7	1177.5	1067.9	1041.1	1126.1	1220.9
46°	1053.0	1084.9	1186.3	1075.8	1016.0	1050.2	1136.6	1027.2	1000.5	1084.9	1172.4
47°	1003.6	1036.9	1139.6	1035.8	974.0	1010.4	1092.0	987.7	961.7	1042.2	1118.6
48°	957.8	992.0	1095.7	997.5	935.1	969.4	1046.6	949.1	925.3	1000.0	1064.6
49°	913.5	946.9	1049.1	959.6	897.7	930.3	1002.2	911.5	890.2	956.9	1009.4
50°	871.4	902.9	999.9	921.7	862.1	891.4	956.0	874.0	855.4	914.2	955.1
51°	833.0	858.7	947.7	881.7	827.3	851.6	908.7	836.6	822.5	872.7	902.8
52°	796.8	815.8	895.2	842.1	793.1	811.0	862.5	800.6	789.0	830.9	851.9
53°	763.7	775.6	844.2	802.1	759.5	772.2	819.0	764.5	755.7	790.3	803.0
54°	731.0	735.2	794.2	762.9	726.3	734.4	775.4	730.9	723.3	750.1	756.3
55°	699.0	696.9	745.9	724.1	694.4	698.6	735.4	698.0	691.9	712.1	716.1
56°	667.4	660.0	699.6	685.6	663.3	666.0	701.3	665.1	660.5	674.1	676.9
57°	637.1	625.7	656.6	648.2	633.2	635.0	667.2	632.3	629.2	636.2	637.9
58°	605.2	592.2	619.0	611.6	603.7	605.1	633.1	601.8	600.6	599.4	603.1
59°	575.6	561.3	584.1	575.7	575.7	577.0	602.8	572.7	572.4	564.8	569.6
60°	545.1	530.9	549.7	540.2	546.4	549.9	573.0	544.6	544.2	532.0	537.8
61°	516.6	502.2	516.9	507.4	518.2	524.5	545.1	518.7	516.0	502.9	507.5
62°	489.2	475.4	487.2	478.5	492.1	499.5	522.7	494.9	489.5	477.6	483.3
63°	461.8	450.3	460.7	452.4	466.0	476.3	506.5	472.0	464.3	453.7	462.4
64°	435.5	427.7	439.5	428.8	440.8	453.2	490.4	449.6	439.4	430.6	443.3
65°	409.6	405.3	421.2	406.0	415.8	430.5	470.7	426.3	414.4	407.6	421.8
66°	383.8	383.9	403.0	383.2	390.4	408.2	449.5	403.2	388.8	385.5	396.2
67°	358.7	362.6	379.6	360.2	364.8	386.5	425.7	380.6	362.7	364.0	366.9
68°	333.6	340.1	351.0	337.7	338.1	362.4	399.8	356.5	335.4	341.6	336.3
69°	306.9	317.9	322.9	313.4	309.7	336.9	371.7	331.8	305.8	317.7	316.1
70°	281.4	292.9	298.4	288.2	282.9	311.8	350.3	306.5	276.3	293.0	337.8
71°	255.9	269.1	304.4	263.0	256.1	285.7	384.0	280.6	250.7	267.5	351.2
72°	230.4	245.3	311.1	237.8	229.3	259.6	351.4	254.8	227.1	241.8	324.6
73°	208.3	221.5	317.7	212.2	205.3	233.5	296.2	229.3	203.7	215.1	269.0
74°	187.4	196.8	263.6	188.4	182.7	208.8	248.9	204.7	181.5	189.7	229.2
75°	166.5	171.8	211.1	164.7	161.0	184.9	214.3	182.4	160.7	166.7	200.0
76°	146.8	149.6	174.7	142.9	140.7	161.0	188.5	162.2	140.3	144.1	173.4
77°	127.0	128.0	147.3	122.7	121.6	137.2	166.2	140.3	121.2	121.9	149.6
78°	107.5	106.3	124.7	103.2	103.1	114.9	145.7	117.7	102.7	101.3	126.8
79°	88.6	85.7	104.1	84.4	85.8	94.4	124.7	97.2	85.5	84.2	107.0
80°	70.9	67.5	83.7	67.3	69.5	76.4	104.1	80.6	70.6	67.1	87.2
81°	55.2	51.4	63.6	52.1	54.6	60.1	85.0	64.1	55.7	50.0	70.3
82°	40.6	37.5	46.9	38.1	41.3	46.0	68.5	47.5	40.8	37.9	53.4
83°	32.4	30.1	32.1	29.7	31.6	35.2	52.1	36.8	32.2	29.6	36.6
84°	24.3	22.7	21.3	21.5	24.7	26.8	35.7	30.1	25.8	23.8	26.0
85°	16.2	15.4	10.7	13.3	17.9	18.6	22.2	22.3	18.5	16.7	15.4
86°	3.4	3.5	3.6	6.1	7.9	10.3	11.6	12.1	9.7	8.8	7.2
87°	0.9	0.9	0.9	1.3	2.3	3.4	4.6	3.9	3.1	3.5	3.0
88°	0.5	0.4	0.4	0.5	0.6	0.9	1.3	1.4	1.4	1.4	1.4
89°	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.6	0.6



REPORT NUMBER: P1440377

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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: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-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



REPORT NUMBER: P1440377
CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

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: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3	60980.3
1°	60611.1	60655.3	60762.6	60854.1	60958.2	61043.4	61119.1	61210.6	61270.5	61292.6	61270.5
2°	59797.1	59882.3	60065.3	60459.7	60712.1	60964.5	61169.6	61346.3	61428.3	61422.0	61295.8
3°	58983.0	59109.2	59368.0	59784.5	60131.5	60677.4	61071.8	61317.9	61434.6	61362.0	61081.2
4°	58165.8	58336.2	58667.5	59106.1	59554.1	60178.9	60832.0	61172.7	61308.4	61134.9	60696.3
5°	57162.5	57361.3	57702.0	58228.9	58973.6	59680.3	60491.2	60932.9	61052.8	60708.9	60118.9
6°	56137.1	56411.6	56764.9	57307.6	58140.6	59175.5	59853.9	60519.6	60604.8	60188.3	59434.2
7°	55146.3	55493.4	55903.6	56446.3	57291.9	58336.2	59213.4	59901.2	60008.5	59494.2	58648.6
8°	54149.3	54613.1	55067.5	55607.0	56392.6	57465.4	58572.9	59137.6	59226.0	58680.1	57780.9
9°	53095.5	53660.2	54184.0	54758.2	55496.6	56468.4	57566.4	58178.5	58244.7	57695.7	56859.6
10°	51893.3	52581.2	53212.2	53874.8	54521.6	55357.7	56367.4	56985.8	57127.8	56575.6	55891.0
11°	50486.1	51271.8	52057.4	52871.4	53496.2	54108.3	54988.6	55559.7	55698.5	55294.6	54859.2
12°	48870.7	49728.9	50637.6	51663.0	52328.8	52710.5	53401.5	53900.0	54111.4	53887.4	53777.0
13°	47018.6	47911.5	48977.9	50249.5	51013.0	51164.5	51634.6	52051.1	52322.4	52287.7	52505.4
14°	44955.1	45895.3	47081.7	48615.1	49463.8	49482.8	49747.8	50031.8	50359.9	50539.8	51110.9
15°	42733.8	43869.7	45068.7	46718.8	47687.5	47637.0	47681.2	47804.2	48195.5	48678.2	49508.0
16°	40421.1	41784.1	43008.3	44592.2	45614.5	45523.0	45450.4	45384.2	45879.6	46636.8	47700.1
17°	38095.7	39739.6	40941.7	42336.3	43327.0	43276.5	43033.6	42778.0	43402.7	44428.2	45592.4
18°	35603.1	37581.4	38843.5	39916.3	40736.6	40765.0	40411.6	39966.7	40641.9	41967.1	43181.9
19°	32886.5	35205.6	36537.0	37392.1	37947.4	38064.2	37496.2	37004.0	37773.9	39329.4	40559.9
20°	29965.7	32476.3	33975.0	34615.5	34915.3	35114.1	34549.3	33921.4	34719.7	36423.5	37619.3
21°	26780.3	29459.0	30988.7	31592.9	31728.5	32031.4	31369.2	30815.4	31633.9	33350.3	34543.0
22°	23501.4	26120.5	27738.5	28280.6	28421.6	28821.7	28253.4	27692.4	28524.1	30197.0	31331.6
23°	20198.6	22674.4	24257.1	24812.4	25014.6	25530.2	25025.7	24569.1	25413.4	26970.8	27985.2
24°	17019.4	19182.3	20729.6	21325.0	21622.5	22286.0	21873.0	21446.1	22302.4	23743.1	24637.6
25°	14000.5	15795.5	17239.6	17943.2	18360.0	19047.9	18759.2	18350.6	19238.7	20515.3	21289.9
26°	11298.1	12692.0	13999.6	14792.5	15302.0	15939.4	15668.3	15357.6	16220.5	17447.5	18099.4
27°	9011.8	10014.9	11146.3	12037.0	12515.4	13015.8	12803.7	12517.6	13320.6	14449.8	15090.3
28°	7532.1	8321.5	8735.1	9569.4	10068.8	10376.1	10195.7	10007.3	10685.4	11687.1	12307.4
29°	6052.3	6628.1	7282.2	8008.5	8019.5	8186.8	8042.6	7913.8	8436.7	9268.7	9862.8
30°	4584.5	4940.1	5828.9	6447.3	6589.3	6662.5	6572.6	6272.2	6621.2	7252.8	7755.1
31°	3755.0	4011.8	4399.0	4904.1	5160.9	5146.4	5103.5	5031.6	5262.2	5701.4	6122.3
32°	3131.7	3314.8	3601.0	4002.4	4191.0	4156.3	4125.7	4102.1	4249.7	4536.5	4855.8
33°	2673.4	2798.7	3022.0	3338.5	3471.3	3409.8	3404.1	3415.2	3506.7	3682.7	3918.4
34°	2329.7	2413.0	2579.6	2846.0	2922.1	2863.5	2871.8	2887.9	2954.8	3059.3	3224.3
35°	2060.7	2115.3	2249.6	2475.6	2511.2	2450.9	2472.0	2557.9	2630.0	2704.6	2837.5
36°	1857.4	1888.4	1999.0	2201.5	2197.2	2142.8	2169.9	2230.7	2308.4	2353.7	2454.2
37°	1691.8	1711.4	1799.7	1988.9	1958.2	1908.4	1939.7	2008.3	1986.8	2002.7	2070.8
38°	1559.8	1569.1	1644.2	1827.1	1771.7	1722.3	1754.6	1839.4	1801.7	1802.5	1855.3
39°	1451.8	1454.8	1520.5	1699.6	1623.8	1578.8	1607.3	1700.1	1650.9	1640.0	1686.8
40°	1363.9	1359.0	1419.8	1596.5	1504.4	1457.4	1486.1	1586.4	1527.0	1507.3	1550.0
41°	1290.3	1278.7	1335.9	1511.0	1406.3	1359.0	1386.4	1492.2	1425.4	1396.1	1440.6
42°	1227.8	1209.1	1266.5	1436.9	1327.1	1274.3	1301.1	1414.6	1337.4	1301.7	1348.6
43°	1174.4	1149.9	1207.1	1371.8	1260.0	1203.3	1228.4	1349.4	1262.5	1222.2	1272.3
44°	1126.9	1097.1	1155.6	1314.7	1201.4	1140.7	1166.2	1292.1	1198.3	1153.1	1207.2

REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1083.7	1050.4	1111.3	1263.7	1150.1	1084.5	1111.0	1243.2	1142.9	1093.9	1151.3
46°	1042.2	1006.9	1070.7	1216.2	1104.9	1034.3	1063.3	1198.4	1092.8	1039.3	1101.3
47°	999.5	965.3	1030.2	1169.9	1063.1	988.7	1019.9	1157.1	1048.3	990.8	1056.9
48°	956.3	927.0	989.5	1120.1	1022.9	946.8	982.1	1118.5	1008.1	947.9	1016.7
49°	913.9	890.2	948.6	1065.3	981.4	908.8	948.3	1079.7	972.5	910.2	979.9
50°	871.5	854.3	907.7	1010.5	938.4	872.3	912.6	1037.7	939.1	873.8	945.0
51°	829.8	820.5	868.0	954.3	895.4	836.3	877.1	990.3	902.0	839.4	908.9
52°	788.8	785.7	828.2	900.2	852.7	801.2	839.4	942.4	863.2	805.2	871.2
53°	749.0	753.2	787.0	847.9	809.6	767.8	803.1	891.7	824.9	772.4	833.1
54°	712.3	722.3	747.8	796.3	766.3	734.3	766.4	841.0	786.5	740.4	792.9
55°	676.8	690.8	709.9	746.4	723.7	701.7	731.0	790.2	746.3	707.6	751.9
56°	641.4	659.2	671.9	704.1	685.7	669.1	695.4	742.7	708.0	675.3	709.3
57°	610.3	627.8	634.0	661.7	647.6	636.6	659.8	697.9	669.8	643.7	669.0
58°	579.4	599.0	598.4	619.5	609.6	605.9	624.3	659.3	635.2	612.5	631.0
59°	548.5	570.3	562.0	583.7	576.1	576.2	591.6	624.1	601.7	582.2	594.2
60°	519.1	542.4	527.0	548.6	542.2	547.0	559.1	592.0	569.1	552.7	557.7
61°	492.9	515.1	496.6	515.4	511.0	519.5	528.8	560.3	537.3	524.0	521.8
62°	470.0	488.2	470.9	487.8	482.2	492.7	501.0	531.1	508.0	496.4	488.5
63°	448.3	461.9	448.5	464.1	456.7	466.8	477.1	507.0	481.9	469.3	459.4
64°	427.1	436.2	427.2	446.0	432.9	441.3	455.5	490.3	458.6	443.8	434.6
65°	406.0	409.4	406.3	427.8	411.1	416.9	434.8	478.9	436.1	419.6	412.3
66°	383.7	383.8	385.2	407.7	389.3	392.1	413.9	465.5	414.6	395.0	390.6
67°	361.4	359.0	364.0	383.0	367.8	367.4	391.5	447.7	392.3	370.9	369.3
68°	338.0	332.6	341.2	353.9	346.8	342.2	369.3	426.6	371.2	346.1	348.2
69°	314.2	304.1	317.3	326.4	324.6	315.7	346.8	402.1	349.0	320.8	326.1
70°	290.0	276.9	293.6	311.8	300.7	288.1	323.3	375.3	325.8	292.4	303.1
71°	265.6	252.7	269.6	316.9	276.5	262.1	298.6	347.9	302.5	267.8	278.4
72°	240.6	230.2	245.2	331.5	251.6	238.4	273.1	345.5	277.0	243.3	253.6
73°	215.8	209.1	221.0	294.3	226.2	215.0	246.9	334.4	251.4	219.3	228.8
74°	191.5	188.1	196.2	239.7	201.0	192.3	221.4	284.6	225.9	196.4	204.0
75°	168.6	167.3	172.3	202.5	177.0	170.8	197.2	242.6	199.7	174.2	179.4
76°	146.7	147.1	150.6	172.8	153.6	150.4	173.5	200.6	176.3	153.3	156.2
77°	125.6	127.8	129.4	149.1	131.2	130.7	152.6	172.3	155.3	133.3	134.8
78°	105.8	109.0	108.6	127.6	109.7	112.0	131.3	148.5	131.9	114.1	114.1
79°	87.4	91.6	89.5	108.1	89.9	94.3	110.0	126.5	109.0	95.9	93.8
80°	72.4	76.5	74.2	89.2	74.1	78.5	89.8	106.1	88.6	78.8	76.0
81°	57.5	61.4	58.9	72.5	58.2	62.8	74.1	86.9	70.1	62.9	60.0
82°	42.6	46.3	43.8	55.7	42.4	47.1	58.3	69.3	54.3	48.3	45.0
83°	37.0	40.0	37.1	39.2	33.3	36.3	42.8	53.5	40.7	36.1	31.8
84°	35.4	39.2	36.3	29.4	30.7	31.8	35.5	38.8	34.1	28.7	24.8
85°	28.2	31.0	29.5	18.4	25.2	26.6	29.7	27.9	25.0	21.4	17.9
86°	14.7	15.8	17.0	9.2	15.5	17.6	19.4	17.1	15.8	14.0	10.4
87°	4.2	4.2	5.1	3.9	6.3	5.5	6.9	6.2	6.7	5.1	3.1
88°	1.7	1.8	1.8	1.7	1.9	2.1	2.9	2.1	2.0	1.3	0.7
89°	0.6	0.6	0.7	0.8	0.9	0.8	0.8	0.5	0.5	0.4	0.3

REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-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: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-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: P1440377
CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-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: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	60980.3	60980.3	60980.3
1°	61198.0	61106.5	61002.4
2°	61119.1	60914.0	60712.1
3°	60778.3	60440.7	60131.5
4°	60197.8	59721.4	59352.2
5°	59478.4	58904.2	58453.0
6°	58629.7	57960.8	57496.9
7°	57755.7	57061.5	56578.8
8°	56906.9	56209.6	55714.3
9°	56029.8	55395.6	54843.4
10°	55196.8	54572.1	53994.7
11°	54332.3	53679.2	53000.8
12°	53392.0	52606.4	51738.7
13°	52243.6	51293.9	50287.3
14°	50871.1	49744.7	48615.1
15°	49290.3	48037.7	46804.0
16°	47466.6	46198.2	44863.6
17°	45453.6	44223.1	42872.7
18°	43257.6	42184.8	40919.6
19°	40884.9	40124.5	38808.8
20°	38218.8	37912.7	36559.1
21°	35458.0	35476.9	34041.3
22°	32419.5	32716.1	31175.1
23°	29270.7	29649.3	27966.0
24°	25876.0	26250.8	24751.2
25°	22479.8	22850.8	21536.3
26°	19083.8	19450.5	18283.7
27°	15861.4	16069.7	14994.1
28°	12856.1	12831.5	11971.4
29°	10234.8	10075.1	9491.1
30°	8009.8	7833.1	7435.8
31°	6282.6	6105.0	5863.0
32°	4976.7	4832.8	4657.7
33°	4002.4	3898.2	3801.4
34°	3304.1	3219.6	3154.3
35°	2920.9	2837.9	2782.6
36°	2542.9	2460.3	2415.4
37°	2164.8	2082.7	2048.2
38°	1956.4	1870.3	1836.6
39°	1801.8	1701.6	1669.1
40°	1675.3	1564.2	1532.3
41°	1577.7	1453.9	1421.1
42°	1495.2	1360.6	1325.0
43°	1425.5	1281.4	1243.9
44°	1362.5	1212.6	1172.5

REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1305.0	1151.9	1109.9
46°	1250.8	1097.3	1053.0
47°	1201.2	1048.3	1003.6
48°	1154.4	1006.3	957.8
49°	1108.7	966.3	913.5
50°	1062.5	928.1	871.4
51°	1014.5	890.6	833.0
52°	960.8	851.8	796.8
53°	905.9	814.5	763.7
54°	849.3	776.6	731.0
55°	794.7	738.3	699.0
56°	739.9	699.8	667.4
57°	690.6	660.7	637.1
58°	645.0	621.8	605.2
59°	603.9	582.6	575.6
60°	568.8	546.0	545.1
61°	534.5	511.4	516.6
62°	501.4	479.6	489.2
63°	471.9	451.9	461.8
64°	447.8	428.5	435.5
65°	426.7	406.6	409.6
66°	409.9	385.9	383.8
67°	391.5	365.0	358.7
68°	365.1	342.8	333.6
69°	335.5	320.7	306.9
70°	308.7	297.0	281.4
71°	306.7	273.0	255.9
72°	305.3	249.0	230.4
73°	303.8	225.1	208.3
74°	276.3	201.8	187.4
75°	225.7	178.9	166.5
76°	185.7	154.6	146.8
77°	156.4	132.8	127.0
78°	132.0	112.0	107.5
79°	110.4	90.9	88.6
80°	89.4	72.0	70.9
81°	69.0	55.0	55.2
82°	51.4	40.3	40.6
83°	36.3	32.9	32.4
84°	26.0	25.5	24.3
85°	15.8	18.1	16.2
86°	5.5	5.1	3.4
87°	1.2	1.0	0.9
88°	0.6	0.5	0.5
89°	0.2	0.2	0.2

REPORT NUMBER: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-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: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-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: P1440377

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)