

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: P1440376

Luminaire Tested: XSF300-SFTR-4Hx4V-830-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440376
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-4Hx4V-830-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 4 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37449.5 lumens
Efficiency: N/A
Efficacy: 156.7 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): 239
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

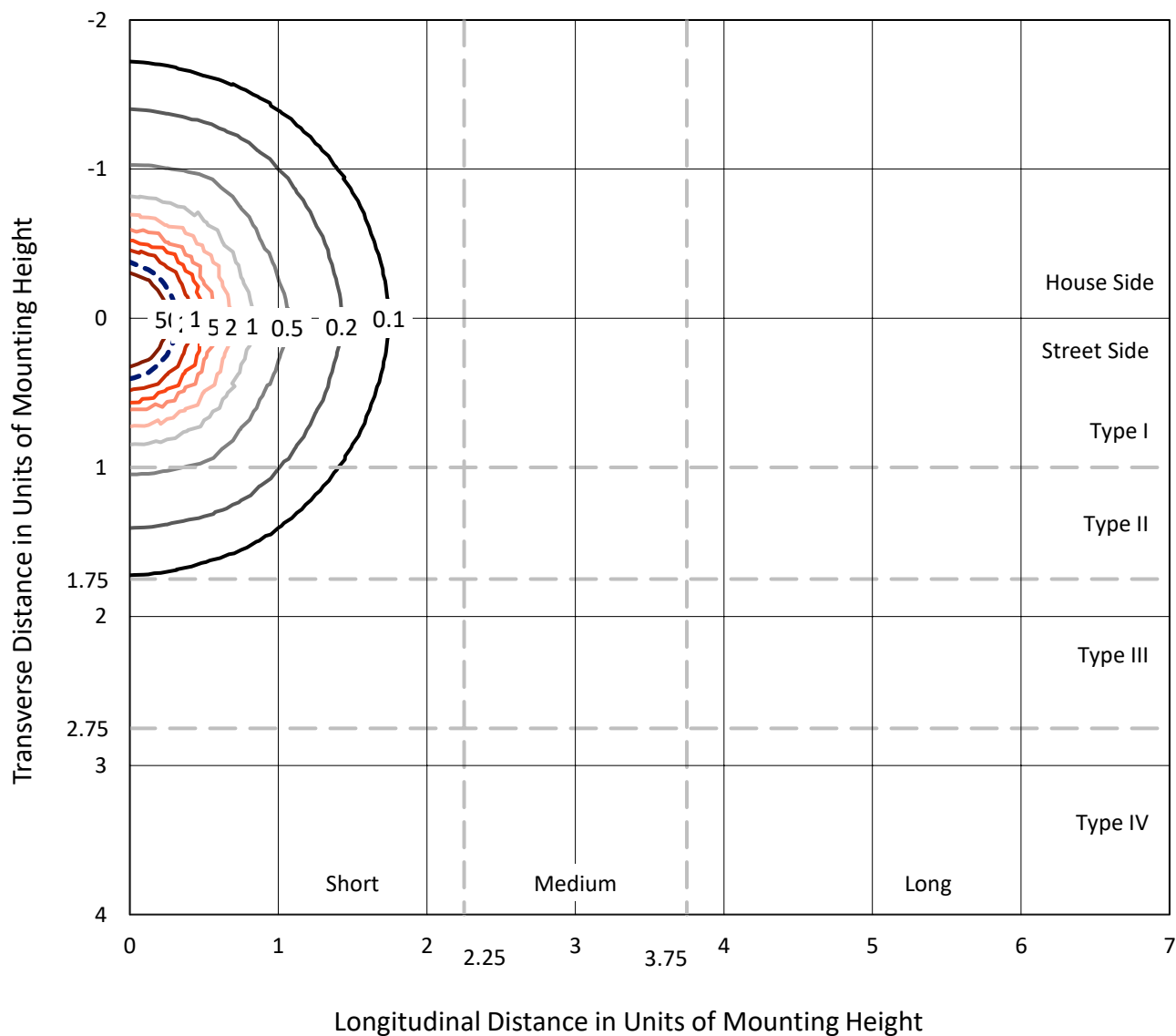
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



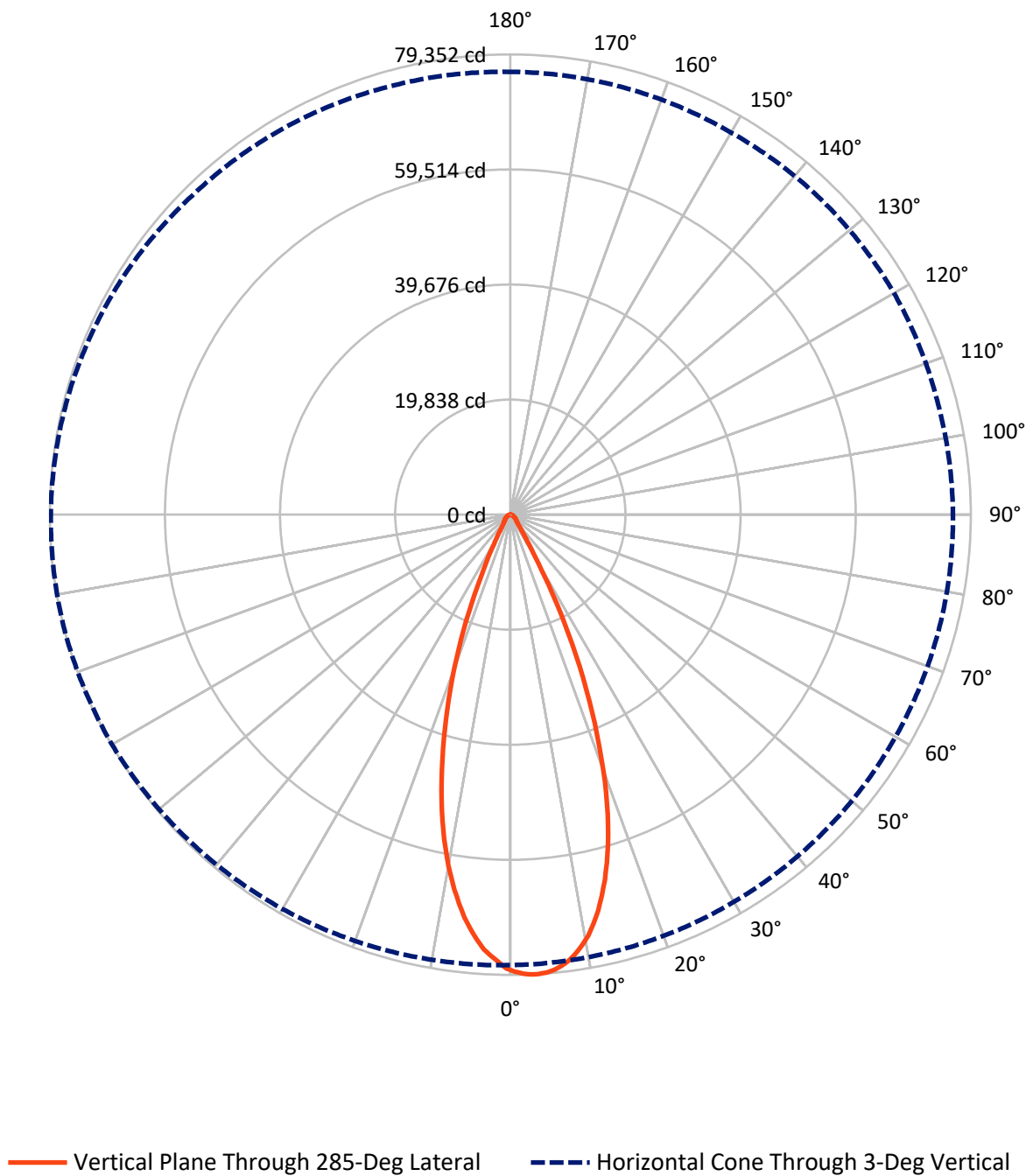
Based on 30 foot mounting height. Maximum calculated value = 87.5 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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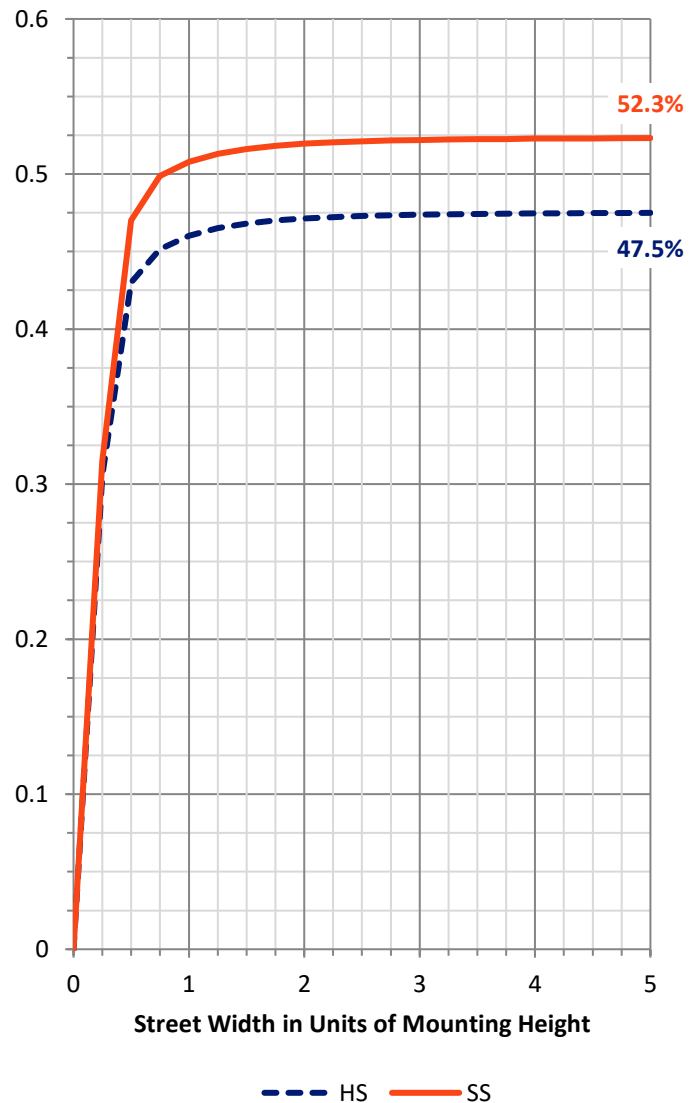
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18034.9	0.0	18034.9
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	19414.6	0.0	19414.6
	% Fixture	51.8	0.0	51.8
Total	Lumens	37449.5	0.0	37449.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6974.3	18.6
10°-20°	15507.8	41.4
20°-30°	9931.7	26.5
30°-40°	2212.9	5.9
40°-50°	1152.0	3.1
50°-60°	837.7	2.2
60°-70°	539.5	1.4
70°-80°	258.1	0.7
80°-90°	35.5	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°	37449.5	100.0
0°-180°	37449.5	100.0

Coefficient of Utilization



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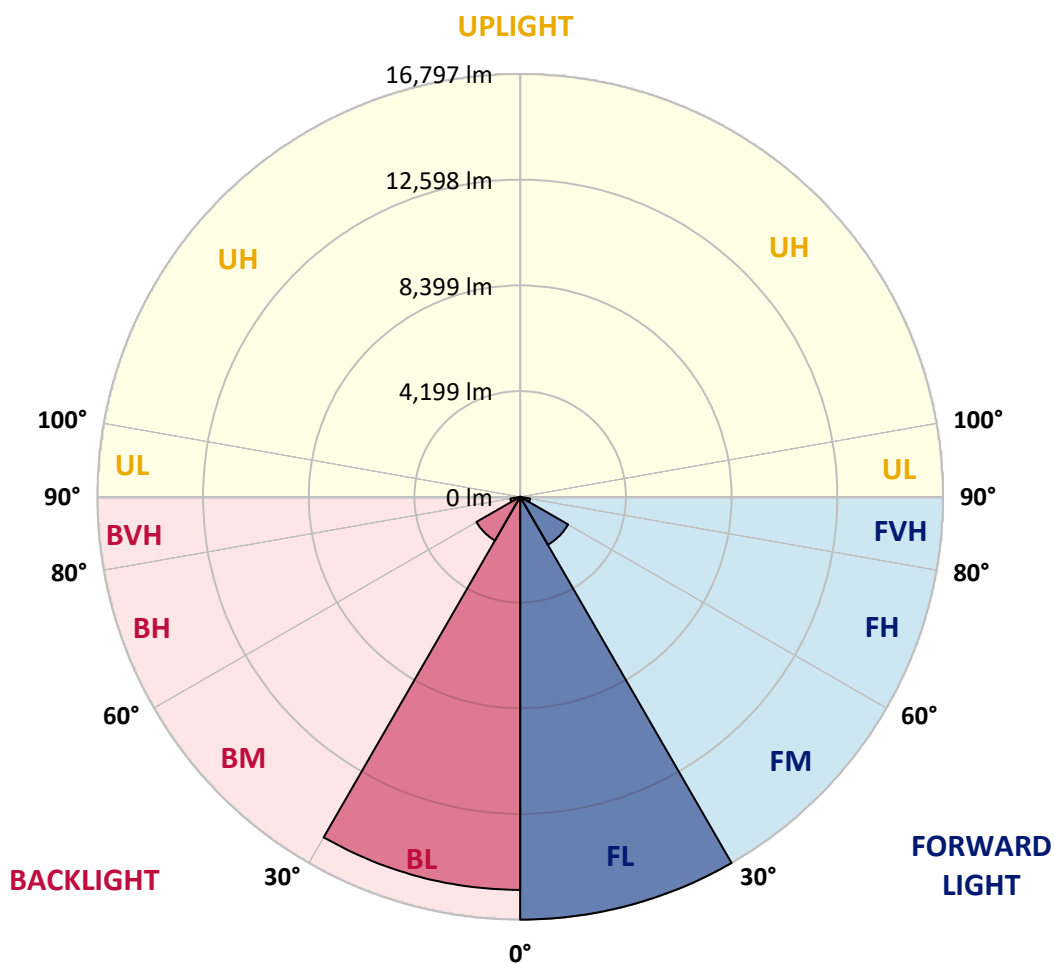
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	16797.5	44.9			
FM	(30°-60°)	2199.9	5.9			
FH	(60°-80°)	400.4	1.1			G0/660
FVH	(80°-90°)	16.8	0.0			G1/100
BL	(0°-30°)	15616.3	41.7	B5		
BM	(30°-60°)	2002.7	5.3	B2/2500		
BH	(60°-80°)	397.2	1.1	B1/500		G1/500
BVH	(80°-90°)	18.7	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°	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6
1°	78794.1	78700.4	78549.6	78419.2	78305.0	78186.9	78248.0	78223.5	78186.9	78178.7	78178.7
2°	78419.2	78195.0	77938.3	77783.4	77591.9	77469.6	77265.8	77180.2	77282.1	77241.4	77123.2
3°	77669.3	77375.9	77078.3	76878.7	76646.4	76463.0	76279.6	76136.9	76365.1	76295.9	76067.6
4°	76662.7	76336.6	75990.2	75717.2	75480.8	75232.2	75289.2	75077.3	74967.3	74959.1	75008.0
5°	75501.2	75101.8	74726.8	74400.8	74054.4	73712.1	73773.2	73516.4	73434.9	73471.6	73593.9
6°	74266.3	73834.3	73394.2	72905.1	72440.5	72016.7	71988.2	71759.9	71747.7	71865.9	72183.8
7°	73080.4	72583.2	71971.9	71291.3	70663.6	70146.1	70040.1	69852.6	69824.1	70170.5	70716.6
8°	71963.7	71376.8	70545.5	69591.8	68731.9	68002.4	67872.0	67631.5	67749.7	68332.5	69168.0
9°	70838.9	70174.6	69074.2	67786.4	66596.4	65699.8	65443.0	65284.1	65524.5	66323.3	67525.6
10°	69742.6	68833.8	67525.6	65883.2	64354.9	63258.6	62847.0	62737.0	63173.0	64240.8	65712.0
11°	68458.8	67370.7	65797.6	63865.8	62031.9	60577.0	60092.0	60039.0	60634.0	61921.9	63686.5
12°	66828.7	65675.3	63959.6	61710.0	59603.0	57830.2	57092.5	57080.3	57923.9	59427.7	61396.1
13°	64954.0	63670.2	61779.2	59350.3	56966.2	54895.9	53978.9	53974.8	55018.1	56750.2	58881.6
14°	62794.0	61396.1	59281.0	56770.5	54215.3	51802.6	50645.2	50726.7	51933.0	53848.5	56077.7
15°	60454.7	58873.5	56521.9	53991.1	51158.7	48542.3	47238.1	47311.5	48680.8	50710.4	53000.8
16°	57948.3	56134.8	53506.1	50987.5	47918.7	45131.2	43717.0	43831.1	45249.3	47429.7	49683.4
17°	55376.8	53290.1	50445.5	47739.4	44585.1	41642.6	40233.3	40325.8	41736.3	43965.6	46288.6
18°	52854.1	50364.0	47238.1	44401.7	41145.4	38266.9	36783.5	36826.7	38165.5	40376.8	42767.4
19°	50127.6	47340.0	43920.8	40896.8	37567.6	34848.1	33362.6	33347.1	34560.8	36596.4	39064.1
20°	47221.8	44144.9	40506.0	37153.1	34137.3	31428.0	30007.7	29952.3	31059.2	32796.9	35231.6
21°	43969.7	40636.0	36820.2	33637.7	30707.9	28007.9	26628.8	26547.3	27525.4	28971.3	31158.2
22°	40267.6	37615.7	33126.6	30127.5	27203.0	24597.6	23289.8	23200.9	24032.7	25180.0	27126.0
23°	36122.5	33346.3	29433.1	26501.2	23759.3	21255.3	20013.1	19906.8	20640.4	21530.8	23201.8
24°	31970.0	29044.3	25694.3	22976.8	20402.3	18040.2	16868.6	16732.8	17349.5	18063.5	19510.6
25°	27817.6	24994.1	22048.8	19550.6	17199.9	15104.7	14058.1	13861.7	14320.2	14908.3	16138.2
26°	23616.2	21126.6	18574.1	16348.5	14266.8	12498.1	11621.0	11356.1	11662.6	12134.6	13109.8
27°	19367.2	17415.9	15356.6	13491.3	11742.9	10287.6	9937.9	9686.9	9902.0	10274.1	10603.0
28°	15462.9	14020.7	12474.8	11006.5	9577.6	8439.0	8255.2	8017.2	8141.9	8413.3	8972.4
29°	12259.3	11202.1	10127.4	8969.6	7863.5	6961.6	6574.9	6353.6	6398.4	6571.6	7341.9
30°	9604.5	8908.5	8170.0	7311.7	6470.1	5753.7	5483.9	5281.7	5294.8	5424.4	5719.8
31°	7572.9	7134.4	6631.1	6008.8	5363.7	4808.6	4616.6	4443.8	4449.1	4560.0	4756.4
32°	6016.1	5741.9	5454.1	4994.4	4505.0	4088.5	3945.7	3783.0	3797.6	3897.0	4027.0
33°	4910.1	4726.7	4541.2	4207.5	3825.8	3632.9	3425.8	3277.8	3291.6	3376.2	3475.6
34°	4074.3	3960.0	3857.0	3731.6	3404.1	3182.5	3031.5	2883.5	2889.1	2977.9	3058.3
35°	3594.2	3514.1	3454.6	3256.4	2985.9	2732.2	2718.8	2575.0	2573.5	2660.1	2740.0
36°	3119.9	3073.6	3053.7	2781.3	2567.7	2463.0	2474.5	2331.9	2325.9	2412.9	2496.9
37°	2645.6	2633.1	2652.8	2490.2	2313.5	2247.6	2277.8	2135.8	2121.3	2208.7	2302.9
38°	2372.3	2370.5	2415.3	2260.8	2110.0	2070.8	2114.1	1973.3	1957.9	2045.0	2149.1
39°	2155.9	2158.8	2227.9	2070.6	1943.2	1923.4	1982.3	1841.9	1822.1	1910.7	2026.1
40°	1979.2	1987.5	2076.2	1912.2	1806.9	1802.1	1871.8	1731.8	1710.0	1801.0	1923.2
41°	1835.5	1846.8	1950.5	1787.6	1693.4	1700.4	1779.4	1639.7	1615.6	1709.1	1837.7
42°	1711.4	1730.1	1844.4	1683.0	1598.3	1615.1	1702.5	1560.0	1534.4	1631.7	1761.5
43°	1606.7	1631.2	1752.9	1594.2	1513.5	1539.5	1635.4	1492.4	1465.5	1565.9	1694.7
44°	1514.5	1546.4	1670.6	1516.7	1438.4	1472.2	1575.3	1433.2	1401.9	1508.8	1636.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1433.6	1469.9	1598.4	1448.7	1371.5	1411.4	1520.9	1379.3	1344.7	1454.6	1577.0
46°	1360.1	1401.3	1532.3	1389.6	1312.3	1356.5	1468.1	1326.8	1292.3	1401.4	1514.4
47°	1296.3	1339.3	1472.0	1337.9	1258.1	1305.2	1410.5	1275.8	1242.1	1346.2	1444.9
48°	1237.2	1281.3	1415.3	1288.4	1207.9	1252.2	1351.9	1226.0	1195.2	1291.6	1375.1
49°	1179.9	1223.1	1355.1	1239.5	1159.5	1201.7	1294.6	1177.3	1149.8	1236.0	1303.8
50°	1125.6	1166.2	1291.5	1190.6	1113.6	1151.4	1234.8	1128.9	1104.9	1180.9	1233.7
51°	1075.9	1109.1	1224.1	1138.8	1068.6	1100.0	1173.8	1080.6	1062.4	1127.3	1166.1
52°	1029.2	1053.8	1156.3	1087.7	1024.4	1047.5	1114.1	1034.1	1019.1	1073.3	1100.4
53°	986.5	1001.8	1090.4	1036.1	981.0	997.4	1057.8	987.5	976.1	1020.8	1037.2
54°	944.2	949.6	1025.9	985.4	938.1	948.6	1001.6	944.0	934.2	968.9	976.8
55°	902.9	900.1	963.4	935.3	896.9	902.4	949.9	901.6	893.7	919.7	924.9
56°	862.0	852.5	903.7	885.6	856.7	860.2	905.8	859.1	853.1	870.8	874.3
57°	822.9	808.2	848.1	837.2	817.9	820.2	861.8	816.7	812.7	821.8	823.9
58°	781.7	765.0	799.5	789.9	779.8	781.6	817.8	777.3	775.8	774.2	779.0
59°	743.5	725.0	754.4	743.6	743.6	745.3	778.6	739.8	739.4	729.5	735.8
60°	704.0	685.7	710.1	697.8	705.8	710.3	740.2	703.5	703.0	687.2	694.7
61°	667.3	648.7	667.6	655.3	669.3	677.5	704.1	670.0	666.5	649.6	655.6
62°	631.9	614.0	629.2	618.0	635.7	645.2	675.2	639.2	632.3	616.9	624.3
63°	596.5	581.7	595.1	584.3	601.9	615.2	654.3	609.7	599.7	586.0	597.3
64°	562.5	552.5	567.7	553.8	569.4	585.4	633.5	580.7	567.5	556.1	572.6
65°	529.0	523.5	544.0	524.4	537.0	556.0	608.0	550.7	535.3	526.5	544.8
66°	495.7	495.8	520.5	495.0	504.3	527.2	580.5	520.8	502.2	497.9	511.8
67°	463.4	468.4	490.4	465.3	471.2	499.2	549.9	491.6	468.4	470.1	473.9
68°	430.9	439.3	453.4	436.2	436.7	468.1	516.4	460.5	433.2	441.2	434.4
69°	396.5	410.6	417.1	404.8	400.0	435.2	480.1	428.6	394.9	410.4	408.4
70°	363.5	378.3	385.4	372.3	365.4	402.7	452.5	396.0	356.9	378.5	436.4
71°	330.6	347.6	393.2	339.7	330.8	369.0	496.1	362.5	323.8	345.6	453.6
72°	297.6	316.8	401.8	307.1	296.2	335.3	453.8	329.1	293.4	312.3	419.3
73°	269.0	286.1	410.4	274.1	265.2	301.6	382.5	296.1	263.2	277.8	347.4
74°	242.1	254.2	340.4	243.4	236.0	269.8	321.5	264.4	234.4	245.0	296.1
75°	215.1	221.9	272.6	212.7	207.9	238.8	276.9	235.6	207.6	215.3	258.3
76°	189.6	193.2	225.6	184.6	181.8	207.9	243.4	209.5	181.2	186.2	224.0
77°	164.1	165.4	190.3	158.5	157.0	177.2	214.6	181.2	156.6	157.5	193.3
78°	138.9	137.2	161.1	133.4	133.2	148.4	188.1	152.1	132.7	130.9	163.8
79°	114.5	110.7	134.4	109.0	110.8	122.0	161.1	125.5	110.4	108.8	138.2
80°	91.6	87.1	108.1	86.9	89.8	98.6	134.5	104.1	91.1	86.7	112.6
81°	71.3	66.4	82.1	67.3	70.5	77.6	109.7	82.8	71.9	64.6	90.8
82°	52.5	48.5	60.5	49.2	53.4	59.4	88.5	61.4	52.7	48.9	69.0
83°	41.9	38.8	41.4	38.4	40.8	45.5	67.3	47.5	41.7	38.2	47.3
84°	31.4	29.4	27.5	27.8	31.9	34.7	46.1	38.9	33.3	30.7	33.6
85°	21.0	19.9	13.8	17.2	23.1	24.0	28.7	28.8	23.8	21.5	19.9
86°	4.4	4.6	4.6	7.9	10.3	13.3	15.0	15.6	12.5	11.3	9.3
87°	1.2	1.1	1.1	1.7	3.0	4.3	5.9	5.1	4.0	4.5	3.9
88°	0.6	0.6	0.6	0.6	0.8	1.2	1.7	1.7	1.8	1.8	1.9
89°	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.7	0.8	0.8



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CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

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: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440376
CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

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: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6	78765.6
1°	78288.7	78345.8	78484.4	78602.6	78737.0	78847.1	78944.9	79063.1	79140.5	79169.0	79140.5
2°	77237.3	77347.3	77583.7	78093.1	78419.2	78745.2	79010.1	79238.3	79344.3	79336.1	79173.1
3°	76185.8	76348.8	76683.0	77221.0	77669.3	78374.3	78883.8	79201.6	79352.4	79258.7	78896.0
4°	75130.3	75350.4	75778.3	76344.8	76923.5	77730.4	78574.0	79014.2	79189.4	78965.3	78398.8
5°	73834.3	74091.1	74531.2	75211.8	76173.6	77086.5	78133.9	78704.4	78859.3	78415.1	77653.0
6°	72509.8	72864.4	73320.8	74021.8	75097.7	76434.4	77310.6	78170.6	78280.6	77742.6	76768.6
7°	71230.1	71678.4	72208.2	72909.2	74001.4	75350.4	76483.3	77371.8	77510.3	76846.0	75753.8
8°	69942.3	70541.4	71128.2	71825.1	72839.9	74225.6	75656.0	76385.5	76499.6	75794.6	74633.1
9°	68581.1	69310.6	69987.1	70728.8	71682.5	72937.7	74356.0	75146.6	75232.2	74523.1	73443.1
10°	67028.4	67916.8	68731.9	69587.7	70423.2	71503.2	72807.3	73606.1	73789.5	73076.3	72191.9
11°	65210.7	66225.5	67240.3	68291.8	69098.7	69889.3	71026.4	71764.0	71943.3	71421.7	70859.3
12°	63124.1	64232.6	65406.4	66730.9	67590.8	68083.9	68976.4	69620.3	69893.4	69604.0	69461.4
13°	60731.9	61885.2	63262.7	64905.1	65891.3	66087.0	66694.2	67232.1	67582.6	67537.8	67819.0
14°	58066.5	59281.0	60813.4	62794.0	63890.3	63914.8	64257.1	64623.9	65047.7	65280.0	66017.7
15°	55197.4	56664.6	58213.2	60344.7	61595.8	61530.6	61587.7	61746.6	62252.0	62875.5	63947.4
16°	52210.2	53970.7	55552.0	57597.9	58918.3	58800.1	58706.4	58620.8	59260.6	60238.7	61612.1
17°	49206.6	51329.9	52882.6	54683.9	55963.6	55898.4	55584.6	55254.5	56061.4	57385.9	58889.8
18°	45987.0	48542.3	50172.4	51558.1	52617.7	52654.4	52197.9	51623.3	52495.4	54207.1	55776.1
19°	42478.1	45473.5	47193.3	48297.8	49015.0	49165.8	48432.2	47796.5	48790.9	50800.1	52389.5
20°	38705.5	41948.3	43884.1	44711.4	45098.6	45355.3	44625.8	43814.8	44845.9	47046.6	48591.2
21°	34590.9	38050.9	40026.7	40807.1	40982.4	41373.6	40518.2	39803.0	40860.1	43077.1	44617.7
22°	30355.7	33738.7	35828.6	36528.8	36710.9	37227.7	36493.7	35769.1	36843.4	39004.2	40469.7
23°	26089.6	29287.6	31331.8	32049.1	32310.3	32976.2	32324.6	31734.9	32825.4	34837.1	36147.3
24°	21983.2	24776.9	26775.5	27544.5	27928.8	28785.9	28252.4	27701.0	28807.1	30667.9	31823.3
25°	18083.8	20402.3	22267.7	23176.5	23714.8	24603.3	24230.4	23702.6	24849.9	26498.8	27499.3
26°	14593.3	16393.8	18082.6	19106.8	19765.0	20588.2	20238.1	19836.7	20951.3	22536.2	23378.2
27°	11640.2	12935.8	14397.2	15547.7	16165.5	16811.9	16538.0	16168.4	17205.6	18664.2	19491.5
28°	9728.8	10748.5	11282.8	12360.3	13005.5	13402.4	13169.3	12926.0	13801.8	15095.7	15897.0
29°	7817.5	8561.2	9406.1	10344.2	10358.5	10574.5	10388.2	10222.0	10897.3	11971.9	12739.3
30°	5921.6	6380.9	7528.9	8327.7	8511.1	8605.6	8489.5	8101.5	8552.3	9368.2	10017.0
31°	4850.2	5181.9	5681.9	6334.4	6666.2	6647.4	6592.0	6499.1	6797.0	7364.3	7907.9
32°	4045.1	4281.6	4651.3	5169.7	5413.4	5368.5	5329.0	5298.4	5489.2	5859.6	6272.1
33°	3453.1	3615.0	3903.4	4312.2	4483.8	4404.3	4397.0	4411.2	4529.4	4756.8	5061.3
34°	3009.2	3116.8	3331.9	3676.0	3774.3	3698.6	3709.3	3730.2	3816.5	3951.6	4164.7
35°	2661.7	2732.3	2905.8	3197.6	3243.7	3165.8	3193.0	3303.9	3397.1	3493.4	3665.1
36°	2399.2	2439.2	2582.0	2843.6	2838.0	2767.7	2802.7	2881.2	2981.7	3040.1	3169.9
37°	2185.2	2210.6	2324.7	2569.0	2529.3	2465.0	2505.4	2594.0	2566.2	2586.8	2674.8
38°	2014.7	2026.8	2123.7	2360.0	2288.5	2224.6	2266.3	2375.9	2327.2	2328.2	2396.4
39°	1875.2	1879.1	1964.0	2195.3	2097.5	2039.3	2076.1	2196.0	2132.3	2118.3	2178.8
40°	1761.6	1755.4	1833.9	2062.1	1943.1	1882.5	1919.5	2049.0	1972.3	1946.9	2002.0
41°	1666.7	1651.6	1725.6	1951.6	1816.5	1755.4	1790.7	1927.3	1841.2	1803.3	1860.8
42°	1585.9	1561.7	1635.9	1855.9	1714.2	1645.9	1680.5	1827.1	1727.4	1681.4	1742.0
43°	1516.9	1485.3	1559.1	1771.9	1627.5	1554.2	1586.7	1742.9	1630.7	1578.7	1643.4
44°	1455.6	1417.0	1492.6	1698.1	1551.8	1473.4	1506.4	1669.0	1547.8	1489.4	1559.3

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1399.7	1356.7	1435.4	1632.3	1485.5	1400.8	1435.1	1605.8	1476.2	1413.0	1487.0
46°	1346.1	1300.6	1383.0	1570.9	1427.2	1336.0	1373.4	1547.9	1411.5	1342.4	1422.4
47°	1291.1	1246.8	1330.7	1511.1	1373.2	1277.0	1317.3	1494.5	1354.0	1279.8	1365.2
48°	1235.3	1197.4	1278.1	1446.8	1321.3	1223.0	1268.6	1444.7	1302.2	1224.4	1313.2
49°	1180.4	1149.8	1225.2	1376.0	1267.7	1173.8	1224.9	1394.6	1256.1	1175.6	1265.7
50°	1125.6	1103.5	1172.5	1305.2	1212.2	1126.7	1178.7	1340.3	1213.0	1128.6	1220.7
51°	1071.9	1059.8	1121.1	1232.6	1156.6	1080.2	1132.9	1279.2	1165.1	1084.2	1173.9
52°	1018.9	1014.9	1069.7	1162.8	1101.4	1034.8	1084.2	1217.2	1115.0	1040.0	1125.3
53°	967.5	972.9	1016.6	1095.2	1045.7	991.7	1037.3	1151.8	1065.5	997.7	1076.0
54°	920.0	933.0	965.9	1028.6	989.8	948.4	990.0	1086.2	1015.9	956.3	1024.2
55°	874.2	892.3	916.9	964.1	934.8	906.3	944.2	1020.6	964.0	914.0	971.3
56°	828.5	851.5	867.9	909.4	885.6	864.2	898.2	959.3	914.5	872.3	916.2
57°	788.3	810.8	818.9	854.7	836.5	822.2	852.3	901.4	865.2	831.4	864.1
58°	748.5	773.7	772.9	800.2	787.5	782.6	806.4	851.6	820.4	791.1	815.0
59°	708.4	736.7	725.9	754.0	744.1	744.3	764.1	806.2	777.1	752.0	767.6
60°	670.4	700.6	680.8	708.6	700.3	706.6	722.2	764.7	735.0	713.9	720.3
61°	636.7	665.3	641.4	665.7	660.1	671.0	683.0	723.8	694.0	676.9	674.0
62°	607.0	630.6	608.3	630.0	622.9	636.3	647.1	686.0	656.1	641.2	631.0
63°	579.1	596.6	579.3	599.4	589.8	602.9	616.3	654.9	622.5	606.2	593.3
64°	551.6	563.4	551.9	576.1	559.2	570.0	588.4	633.3	592.4	573.3	561.3
65°	524.5	528.8	524.8	552.6	531.0	538.4	561.6	618.6	563.3	541.9	532.6
66°	495.6	495.7	497.5	526.6	502.9	506.5	534.6	601.2	535.6	510.2	504.5
67°	466.8	463.7	470.1	494.7	475.0	474.5	505.7	578.2	506.8	479.1	476.9
68°	436.6	429.5	440.7	457.2	447.9	442.1	477.0	551.1	479.5	447.1	449.7
69°	405.9	392.8	409.9	421.6	419.2	407.8	448.0	519.4	450.8	414.3	421.2
70°	374.6	357.6	379.2	402.8	388.5	372.1	417.6	484.8	420.8	377.7	391.6
71°	343.1	326.4	348.2	409.4	357.2	338.5	385.7	449.4	390.8	346.0	359.6
72°	310.8	297.4	316.8	428.1	324.9	308.0	352.8	446.2	357.8	314.3	327.5
73°	278.8	270.1	285.4	380.1	292.2	277.8	319.0	432.0	324.7	283.2	295.5
74°	247.3	243.0	253.4	309.7	259.6	248.4	285.9	367.6	291.7	253.6	263.5
75°	217.8	216.1	222.6	261.5	228.6	220.6	254.8	313.3	258.0	225.0	231.7
76°	189.5	190.0	194.5	223.2	198.4	194.2	224.1	259.1	227.7	198.0	201.7
77°	162.3	165.1	167.1	192.6	169.4	168.8	197.2	222.5	200.6	172.1	174.1
78°	136.6	140.8	140.3	164.9	141.6	144.7	169.6	191.8	170.4	147.4	147.3
79°	112.8	118.4	115.6	139.6	116.1	121.8	142.1	163.4	140.8	123.8	121.2
80°	93.6	98.8	95.8	115.2	95.7	101.4	116.0	137.1	114.4	101.8	98.1
81°	74.3	79.2	76.0	93.6	75.2	81.1	95.7	112.3	90.6	81.2	77.5
82°	55.0	59.9	56.6	72.0	54.8	60.8	75.3	89.5	70.1	62.4	58.1
83°	47.7	51.7	48.0	50.6	43.0	46.9	55.2	69.1	52.6	46.7	41.1
84°	45.8	50.6	46.9	37.9	39.6	41.0	45.8	50.2	44.0	37.0	32.1
85°	36.5	40.1	38.1	23.7	32.5	34.3	38.4	36.1	32.3	27.6	23.1
86°	18.9	20.5	21.9	11.9	20.0	22.7	25.0	22.1	20.5	18.1	13.5
87°	5.4	5.4	6.6	5.0	8.1	7.1	8.9	8.0	8.7	6.5	4.0
88°	2.2	2.3	2.4	2.2	2.4	2.6	3.7	2.8	2.6	1.7	0.9
89°	0.8	0.8	0.9	1.0	1.1	1.0	1.0	0.7	0.6	0.5	0.3

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440376
CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	78765.6	78765.6	78765.6
1°	79046.8	78928.6	78794.1
2°	78944.9	78680.0	78419.2
3°	78504.7	78068.7	77669.3
4°	77754.9	77139.5	76662.7
5°	76825.7	76083.9	75501.2
6°	75729.4	74865.4	74266.3
7°	74600.5	73703.9	73080.4
8°	73504.2	72603.5	71963.7
9°	72371.2	71552.1	70838.9
10°	71295.3	70488.4	69742.6
11°	70178.7	69335.1	68458.8
12°	68964.2	67949.4	66828.7
13°	67480.7	66254.0	64954.0
14°	65707.9	64253.0	62794.0
15°	63666.2	62048.2	60454.7
16°	61310.6	59672.2	57948.3
17°	58710.4	57121.0	55376.8
18°	55874.0	54488.3	52854.1
19°	52809.2	51827.1	50127.6
20°	49365.5	48970.2	47221.8
21°	45799.5	45824.0	43969.7
22°	41874.9	42258.0	40267.6
23°	37807.6	38296.7	36122.5
24°	33422.9	33907.1	31970.0
25°	29036.1	29515.4	27817.6
26°	24649.7	25123.3	23616.2
27°	20487.5	20756.5	19367.2
28°	16605.7	16573.9	15462.9
29°	13219.8	13013.6	12259.3
30°	10345.9	10117.6	9604.5
31°	8115.0	7885.5	7572.9
32°	6428.2	6242.3	6016.1
33°	5169.7	5035.2	4910.1
34°	4267.8	4158.6	4074.3
35°	3772.8	3665.6	3594.2
36°	3284.5	3177.9	3119.9
37°	2796.2	2690.2	2645.6
38°	2527.0	2415.8	2372.3
39°	2327.3	2197.8	2155.9
40°	2164.0	2020.3	1979.2
41°	2037.8	1878.0	1835.5
42°	1931.3	1757.5	1711.4
43°	1841.2	1655.2	1606.7
44°	1759.9	1566.2	1514.5

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1685.7	1487.9	1433.6
46°	1615.7	1417.4	1360.1
47°	1551.5	1354.1	1296.3
48°	1491.1	1299.7	1237.2
49°	1432.1	1248.1	1179.9
50°	1372.4	1198.8	1125.6
51°	1310.3	1150.4	1075.9
52°	1241.1	1100.3	1029.2
53°	1170.1	1052.0	986.5
54°	1097.1	1003.1	944.2
55°	1026.4	953.7	902.9
56°	955.7	903.9	862.0
57°	892.0	853.4	822.9
58°	833.2	803.1	781.7
59°	780.1	752.6	743.5
60°	734.6	705.2	704.0
61°	690.4	660.6	667.3
62°	647.7	619.5	631.9
63°	609.5	583.8	596.5
64°	578.5	553.4	562.5
65°	551.1	525.2	529.0
66°	529.5	498.5	495.7
67°	505.7	471.5	463.4
68°	471.5	442.8	430.9
69°	433.3	414.2	396.5
70°	398.7	383.6	363.5
71°	396.2	352.6	330.6
72°	394.3	321.7	297.6
73°	392.4	290.7	269.0
74°	356.8	260.6	242.1
75°	291.6	231.0	215.1
76°	239.8	199.8	189.6
77°	202.0	171.5	164.1
78°	170.5	144.6	138.9
79°	142.5	117.5	114.5
80°	115.5	93.0	91.6
81°	89.2	71.1	71.3
82°	66.4	52.1	52.5
83°	46.9	42.5	41.9
84°	33.6	33.0	31.4
85°	20.4	23.4	21.0
86°	7.1	6.6	4.4
87°	1.6	1.3	1.2
88°	0.7	0.7	0.6
89°	0.3	0.3	0.3

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440376

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)