

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: P1440378

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

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440378
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-4Hx4V-830-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 4 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19906.2 lumens
Efficiency: N/A
Efficacy: 160.5 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): 124
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

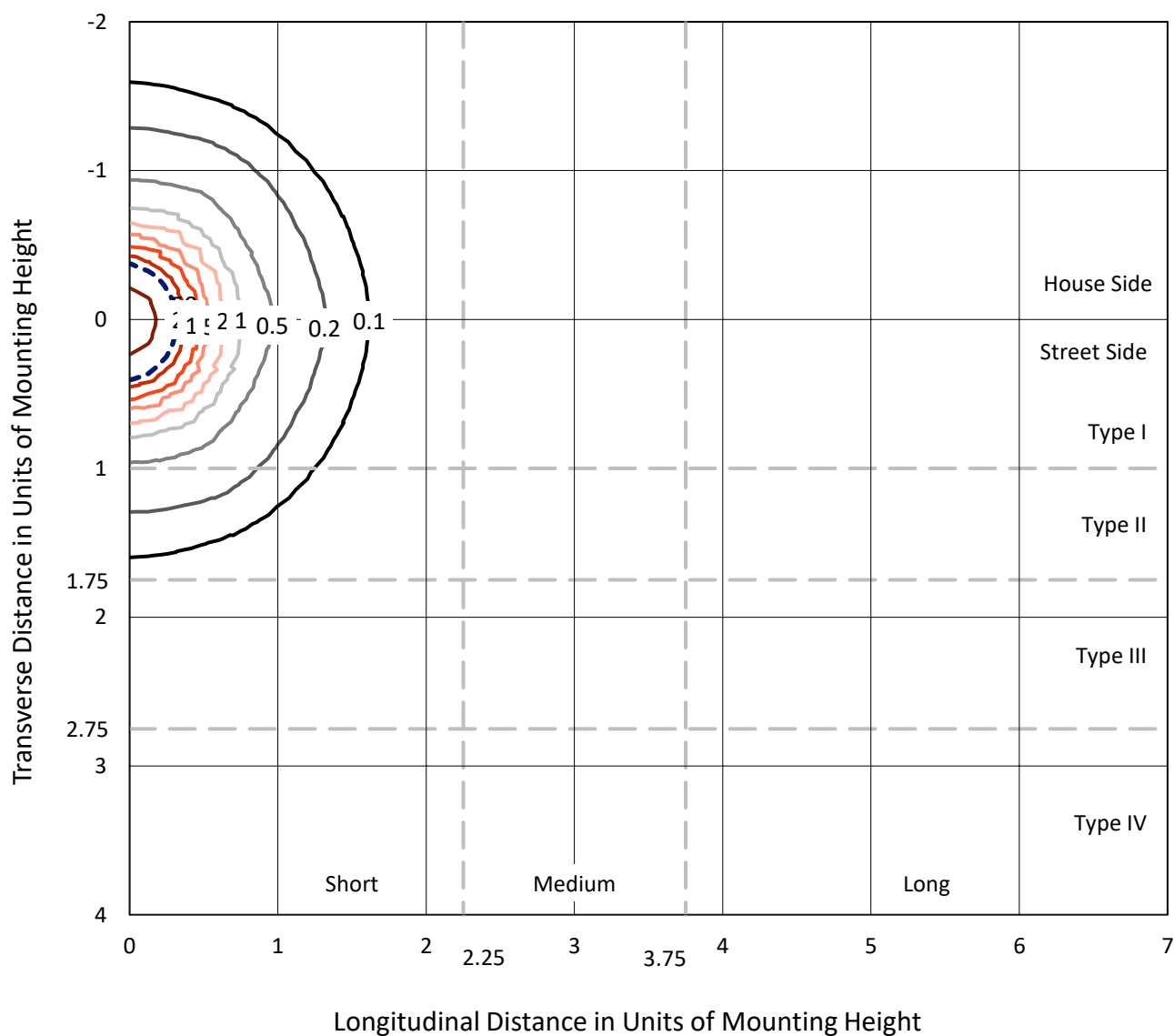
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



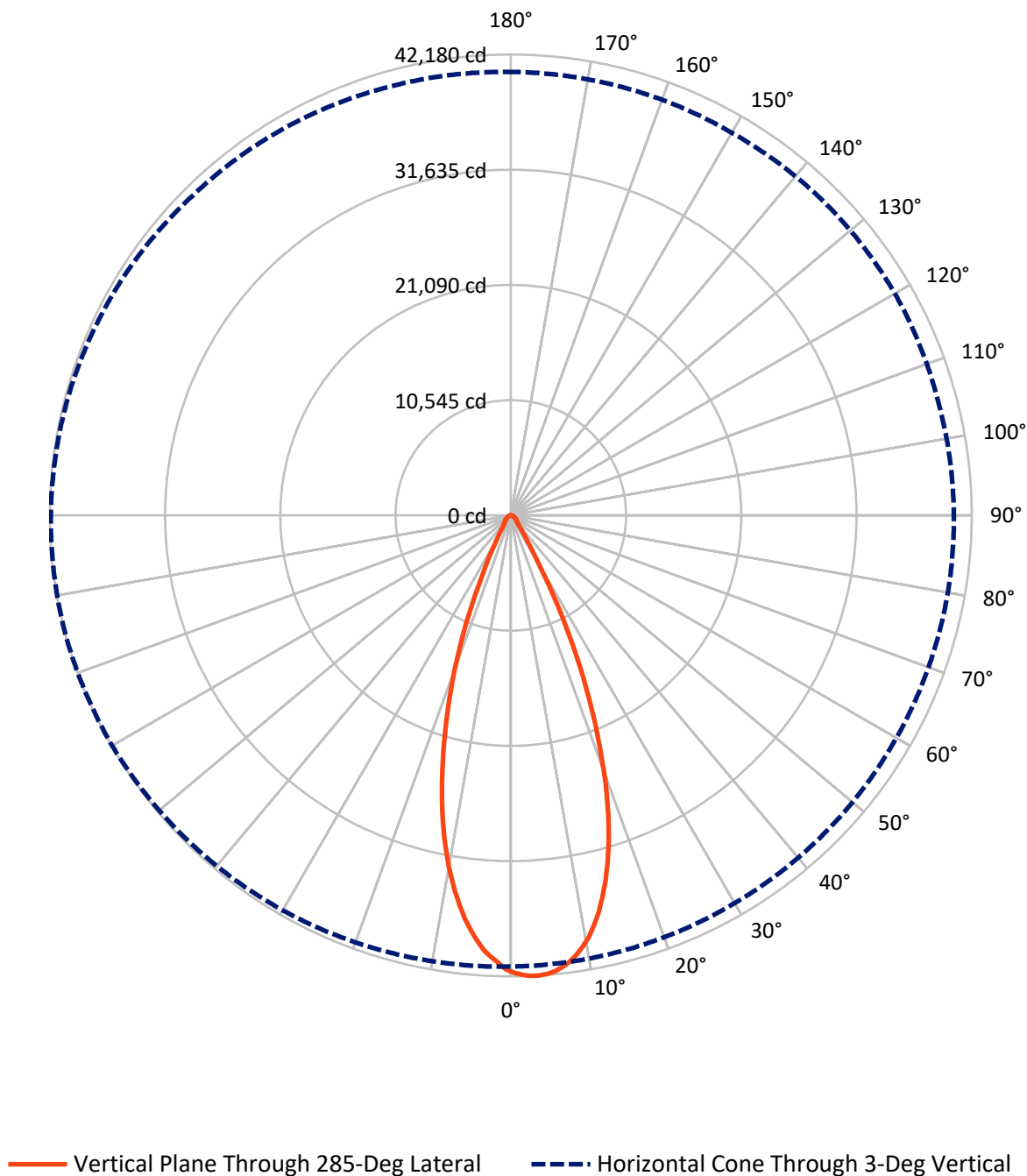
Based on 25 foot mounting height. Maximum calculated value = 67 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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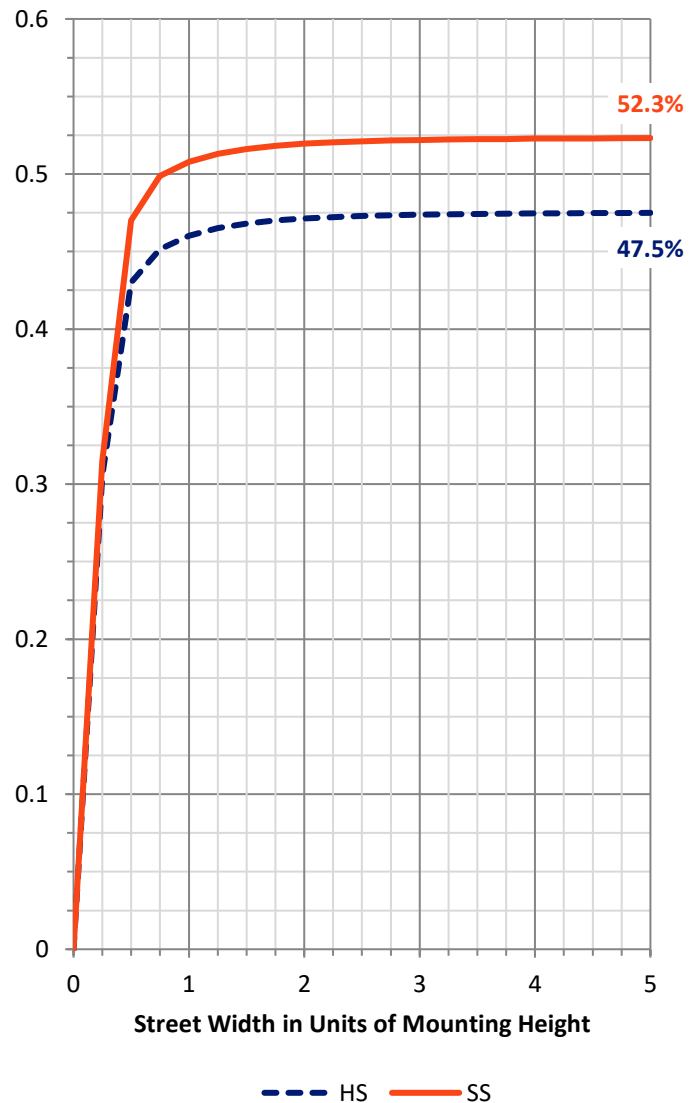
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9586.4	0.0	9586.4
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	10319.8	0.0	10319.8
	% Fixture	51.8	0.0	51.8
Total	Lumens	19906.2	0.0	19906.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3707.2	18.6
10°-20°	8243.2	41.4
20°-30°	5279.2	26.5
30°-40°	1176.3	5.9
40°-50°	612.3	3.1
50°-60°	445.3	2.2
60°-70°	286.8	1.4
70°-80°	137.2	0.7
80°-90°	18.9	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°	19906.2	100.0
0°-180°	19906.2	100.0

Coefficient of Utilization



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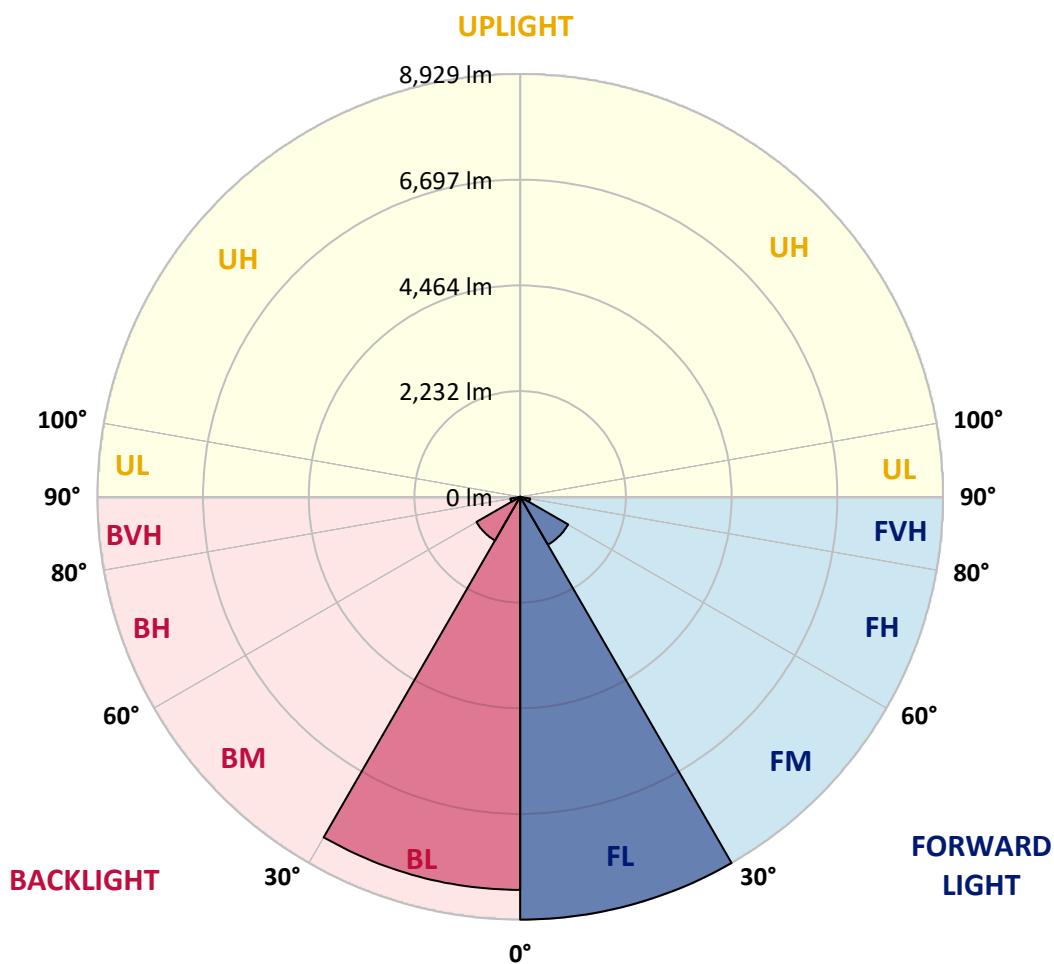
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	8928.7	44.9			
FM	(30°-60°)	1169.3	5.9			
FH	(60°-80°)	212.8	1.1			G0/660
FVH	(80°-90°)	8.9	0.0			G0/10
BL	(0°-30°)	8300.8	41.7	B5		
BM	(30°-60°)	1064.5	5.3	B2/2500		
BH	(60°-80°)	211.1	1.1	B1/500		G1/500
BVH	(80°-90°)	10.0	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8
1°	41883.0	41833.1	41753.0	41683.7	41623.0	41560.2	41592.7	41579.7	41560.2	41555.9	41555.9
2°	41683.7	41564.5	41428.0	41345.7	41243.9	41178.9	41070.6	41025.1	41079.3	41057.6	40994.8
3°	41285.1	41129.1	40971.0	40864.8	40741.3	40643.9	40546.4	40470.6	40591.9	40555.0	40433.7
4°	40750.0	40576.7	40392.6	40247.4	40121.8	39989.6	40020.0	39907.3	39848.8	39844.5	39870.5
5°	40132.6	39920.3	39721.0	39547.7	39363.6	39181.6	39214.1	39077.6	39034.3	39053.8	39118.8
6°	39476.2	39246.6	39012.6	38752.7	38505.7	38280.4	38265.3	38144.0	38137.5	38200.3	38369.3
7°	38845.8	38581.5	38256.6	37894.8	37561.2	37286.1	37229.8	37130.1	37115.0	37299.1	37589.4
8°	38252.3	37940.3	37498.4	36991.5	36534.4	36146.6	36077.3	35949.5	36012.3	36322.1	36766.2
9°	37654.4	37301.3	36716.4	36031.8	35399.3	34922.7	34786.2	34701.7	34829.5	35254.1	35893.2
10°	37071.6	36588.6	35893.2	35020.2	34207.8	33625.1	33406.3	33347.8	33579.6	34147.2	34929.2
11°	36389.3	35810.9	34974.7	33947.9	32973.0	32199.7	31941.9	31913.7	32230.0	32914.5	33852.5
12°	35522.8	34909.7	33997.7	32801.9	31681.9	30739.6	30347.5	30341.0	30789.4	31588.8	32635.1
13°	34526.3	33843.9	32838.7	31547.6	30280.3	29179.9	28692.5	28690.3	29244.9	30165.5	31298.5
14°	33378.1	32635.1	31510.8	30176.4	28818.1	27535.7	26920.4	26963.8	27605.0	28623.1	29808.1
15°	32134.7	31294.2	30044.2	28699.0	27193.4	25802.6	25109.4	25148.4	25876.3	26955.1	28172.5
16°	30802.4	29838.4	28441.2	27102.4	25471.2	23989.4	23237.7	23298.4	24052.3	25211.2	26409.2
17°	29435.5	28326.4	26814.3	25375.9	23699.2	22135.1	21386.0	21435.2	22184.9	23369.9	24604.7
18°	28094.6	26771.0	25109.4	23601.7	21870.8	20340.8	19552.2	19575.2	20286.8	21462.3	22733.0
19°	26645.3	25163.6	23346.1	21738.7	19969.0	18523.5	17733.9	17725.6	18370.8	19452.8	20764.5
20°	25100.8	23465.2	21530.9	19748.7	18145.7	16705.5	15950.6	15921.1	16509.5	17433.2	18727.3
21°	23372.1	21600.0	19571.7	17880.1	16322.7	14887.6	14154.5	14111.2	14631.1	15399.7	16562.1
22°	21404.2	19994.6	17608.4	16014.3	14459.7	13074.8	12379.7	12332.4	12774.6	13384.4	14418.8
23°	19200.9	17725.2	15645.1	14086.7	12629.2	11298.3	10638.0	10581.4	10971.4	11444.7	12332.9
24°	16993.6	15438.5	13657.8	12213.3	10844.9	9589.3	8966.5	8894.3	9222.1	9601.6	10370.9
25°	14786.4	13285.6	11720.0	10392.1	9142.6	8028.9	7472.6	7368.2	7611.9	7924.5	8578.3
26°	12553.2	11229.8	9873.1	8690.1	7583.5	6643.3	6177.2	6036.4	6199.3	6450.1	6968.5
27°	10294.6	9257.4	8162.8	7171.3	6241.9	5468.4	5282.5	5149.0	5263.4	5461.2	5636.0
28°	8219.3	7452.7	6631.0	5850.5	5091.0	4485.7	4388.0	4261.5	4327.8	4472.1	4769.3
29°	6516.4	5954.5	5383.2	4767.8	4179.8	3700.4	3494.9	3377.2	3401.1	3493.1	3902.6
30°	5105.3	4735.3	4342.8	3886.5	3439.2	3058.4	2915.0	2807.5	2814.4	2883.3	3040.4
31°	4025.4	3792.3	3524.8	3194.0	2851.0	2556.0	2454.0	2362.1	2364.9	2423.9	2528.3
32°	3197.9	3052.1	2899.1	2654.8	2394.6	2173.2	2097.3	2010.9	2018.6	2071.4	2140.6
33°	2609.9	2512.5	2413.9	2236.5	2033.6	1931.0	1821.0	1742.3	1749.6	1794.6	1847.5
34°	2165.7	2104.9	2050.2	1983.5	1809.4	1691.7	1611.4	1532.7	1535.7	1582.9	1625.6
35°	1910.5	1867.9	1836.3	1730.9	1587.2	1452.3	1445.2	1368.7	1368.0	1414.0	1456.5
36°	1658.4	1633.8	1623.2	1478.4	1364.9	1309.2	1315.3	1239.5	1236.3	1282.6	1327.2
37°	1406.2	1399.6	1410.1	1323.6	1229.7	1194.7	1210.8	1135.3	1127.6	1174.0	1224.1
38°	1261.0	1260.1	1283.8	1201.7	1121.6	1100.8	1123.8	1048.9	1040.7	1087.0	1142.3
39°	1146.0	1147.5	1184.3	1100.6	1032.9	1022.4	1053.7	979.1	968.5	1015.6	1077.0
40°	1052.0	1056.4	1103.6	1016.4	960.5	957.9	995.0	920.6	908.9	957.3	1022.3
41°	975.7	981.7	1036.8	950.2	900.1	903.9	945.9	871.6	858.8	908.5	976.8
42°	909.7	919.7	980.4	894.6	849.6	858.5	905.0	829.2	815.6	867.3	936.3
43°	854.0	867.1	931.8	847.4	804.5	818.3	869.3	793.3	779.0	832.3	900.8
44°	805.0	822.0	888.0	806.2	764.6	782.6	837.4	761.8	745.2	802.0	869.7

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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	762.1	781.3	849.6	770.0	729.0	750.2	808.4	733.2	714.8	773.2	838.2
46°	723.0	744.9	814.5	738.6	697.5	721.1	780.4	705.3	686.9	744.9	805.0
47°	689.0	711.9	782.4	711.2	668.8	693.8	749.7	678.2	660.3	715.6	768.0
48°	657.6	681.1	752.3	684.8	642.0	665.6	718.6	651.7	635.3	686.6	730.9
49°	627.2	650.1	720.3	658.9	616.3	638.8	688.1	625.8	611.2	657.0	693.0
50°	598.3	619.9	686.5	632.8	591.9	612.0	656.4	600.1	587.3	627.7	655.8
51°	571.9	589.5	650.7	605.3	568.0	584.7	623.9	574.4	564.7	599.2	619.9
52°	547.1	560.1	614.6	578.2	544.5	556.8	592.2	549.7	541.7	570.5	584.9
53°	524.3	532.5	579.6	550.7	521.4	530.2	562.3	524.9	518.8	542.6	551.3
54°	501.9	504.7	545.3	523.8	498.6	504.2	532.4	501.8	496.6	515.0	519.2
55°	479.9	478.4	512.1	497.2	476.7	479.7	504.9	479.2	475.0	488.9	491.6
56°	458.2	453.2	480.4	470.7	455.4	457.2	481.5	456.7	453.5	462.8	464.7
57°	437.4	429.6	450.8	445.0	434.7	436.0	458.1	434.1	432.0	436.8	438.0
58°	415.5	406.6	425.0	419.9	414.5	415.5	434.7	413.2	412.4	411.5	414.1
59°	395.2	385.4	401.0	395.3	395.2	396.1	413.9	393.2	393.0	387.8	391.1
60°	374.2	364.5	377.4	370.9	375.2	377.6	393.4	373.9	373.7	365.3	369.2
61°	354.7	344.8	354.9	348.3	355.8	360.1	374.3	356.2	354.3	345.3	348.5
62°	335.9	326.4	334.5	328.5	337.9	342.9	358.9	339.8	336.1	327.9	331.8
63°	317.1	309.2	316.3	310.6	319.9	327.0	347.8	324.1	318.8	311.5	317.5
64°	299.0	293.7	301.7	294.4	302.7	311.2	336.7	308.7	301.7	295.6	304.4
65°	281.2	278.3	289.2	278.8	285.5	295.5	323.2	292.7	284.5	279.9	289.6
66°	263.5	263.6	276.7	263.1	268.1	280.2	308.6	276.8	266.9	264.7	272.0
67°	246.3	249.0	260.6	247.3	250.5	265.3	292.3	261.3	249.0	249.9	251.9
68°	229.0	233.5	241.0	231.8	232.1	248.8	274.5	244.8	230.3	234.5	230.9
69°	210.7	218.3	221.7	215.2	212.6	231.3	255.2	227.8	209.9	218.1	217.1
70°	193.2	201.1	204.8	197.9	194.2	214.0	240.5	210.5	189.7	201.2	231.9
71°	175.7	184.7	209.0	180.6	175.8	196.2	263.7	192.7	172.1	183.7	241.1
72°	158.2	168.4	213.6	163.3	157.4	178.2	241.2	174.9	156.0	166.0	222.9
73°	143.0	152.1	218.1	145.7	141.0	160.3	203.3	157.4	139.9	147.6	184.7
74°	128.7	135.1	181.0	129.4	125.4	143.4	170.9	140.5	124.6	130.2	157.4
75°	114.3	118.0	144.9	113.1	110.5	126.9	147.2	125.2	110.3	114.5	137.3
76°	100.8	102.7	119.9	98.1	96.6	110.5	129.4	111.3	96.3	99.0	119.1
77°	87.2	87.9	101.2	84.3	83.5	94.2	114.1	96.3	83.2	83.7	102.7
78°	73.8	72.9	85.6	70.9	70.8	78.9	100.0	80.8	70.5	69.6	87.1
79°	60.8	58.8	71.4	57.9	58.9	64.8	85.6	66.7	58.7	57.8	73.5
80°	48.7	46.3	57.5	46.2	47.7	52.4	71.5	55.4	48.4	46.1	59.9
81°	37.9	35.3	43.7	35.8	37.5	41.2	58.3	44.0	38.2	34.3	48.3
82°	27.9	25.8	32.2	26.1	28.4	31.6	47.1	32.6	28.0	26.0	36.7
83°	22.2	20.6	22.0	20.4	21.7	24.2	35.8	25.3	22.1	20.3	25.1
84°	16.7	15.6	14.6	14.8	17.0	18.4	24.5	20.7	17.7	16.3	17.9
85°	11.2	10.6	7.3	9.1	12.3	12.7	15.3	15.3	12.7	11.4	10.6
86°	2.4	2.4	2.5	4.2	5.5	7.1	7.9	8.3	6.7	6.0	5.0
87°	0.6	0.6	0.6	0.9	1.6	2.3	3.2	2.7	2.1	2.4	2.1
88°	0.3	0.3	0.3	0.3	0.4	0.6	0.9	0.9	1.0	1.0	1.0
89°	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4

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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: P1440378

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

CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440378

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8	41867.8
1°	41614.3	41644.7	41718.3	41781.2	41852.6	41911.1	41963.1	42025.9	42067.1	42082.3	42067.1
2°	41055.4	41113.9	41239.6	41510.4	41683.7	41857.0	41997.8	42119.1	42175.4	42171.1	42084.4
3°	40496.5	40583.2	40760.8	41046.8	41285.1	41659.8	41930.6	42099.6	42179.8	42129.9	41937.1
4°	39935.5	40052.5	40279.9	40581.0	40888.6	41317.6	41766.0	41999.9	42093.1	41974.0	41672.8
5°	39246.6	39383.1	39617.0	39978.8	40490.0	40975.3	41532.0	41835.3	41917.6	41681.5	41276.4
6°	38542.6	38731.0	38973.6	39346.2	39918.1	40628.7	41094.4	41551.5	41610.0	41324.1	40806.3
7°	37862.3	38100.6	38382.3	38754.9	39335.4	40052.5	40654.7	41126.9	41200.6	40847.5	40266.9
8°	37177.8	37496.2	37808.2	38178.6	38718.0	39454.6	40214.9	40602.7	40663.4	40288.6	39671.2
9°	36454.3	36842.0	37201.6	37595.9	38102.8	38770.0	39523.9	39944.1	39989.6	39612.7	39038.6
10°	35628.9	36101.2	36534.4	36989.3	37433.4	38007.5	38700.7	39125.3	39222.8	38843.7	38373.6
11°	34662.7	35202.1	35741.5	36300.5	36729.4	37149.6	37754.0	38146.1	38241.4	37964.2	37665.2
12°	33553.6	34142.8	34766.7	35470.8	35927.8	36190.0	36664.4	37006.7	37151.8	36998.0	36922.2
13°	32282.0	32895.0	33627.3	34500.3	35024.5	35128.5	35451.3	35737.2	35923.5	35899.7	36049.2
14°	30865.2	31510.8	32325.3	33378.1	33960.9	33973.9	34155.8	34350.8	34576.1	34699.6	35091.7
15°	29340.2	30120.0	30943.2	32076.2	32741.2	32706.6	32736.9	32821.4	33090.0	33421.5	33991.2
16°	27752.3	28688.1	29528.6	30616.1	31318.0	31255.2	31205.3	31159.9	31500.0	32019.9	32749.9
17°	26155.7	27284.4	28109.7	29067.2	29747.4	29712.8	29546.0	29370.5	29799.4	30503.5	31302.8
18°	24444.4	25802.6	26669.1	27405.7	27968.9	27988.4	27745.8	27440.3	27903.9	28813.8	29647.8
19°	22579.2	24171.4	25085.6	25672.7	26053.9	26134.1	25744.1	25406.2	25934.8	27002.8	27847.6
20°	20573.9	22297.6	23326.6	23766.3	23972.1	24108.6	23720.8	23289.7	23837.8	25007.6	25828.6
21°	18386.8	20226.0	21276.2	21691.0	21784.2	21992.1	21537.4	21157.2	21719.2	22897.6	23716.5
22°	16135.6	17933.8	19044.7	19416.9	19513.7	19788.4	19398.2	19013.1	19584.1	20732.7	21511.7
23°	13867.9	15567.8	16654.4	17035.7	17174.5	17528.5	17182.1	16868.7	17448.3	18517.6	19214.1
24°	11685.2	13170.2	14232.5	14641.3	14845.6	15301.1	15017.6	14724.5	15312.4	16301.5	16915.7
25°	9612.5	10844.9	11836.4	12319.5	12605.6	13077.9	12879.7	12599.1	13208.9	14085.4	14617.2
26°	7757.0	8714.1	9611.8	10156.2	10506.1	10943.6	10757.6	10544.2	11136.7	11979.1	12426.7
27°	6187.3	6876.0	7652.8	8264.4	8592.8	8936.4	8790.8	8594.3	9145.6	9920.9	10360.7
28°	5171.4	5713.4	5997.4	6570.1	6913.1	7124.0	7000.1	6870.8	7336.3	8024.1	8450.0
29°	4155.4	4550.7	4999.8	5498.5	5506.0	5620.9	5521.9	5433.5	5792.4	6363.7	6771.6
30°	3147.6	3391.8	4002.0	4426.6	4524.1	4574.3	4512.6	4306.4	4546.0	4979.6	5324.5
31°	2578.1	2754.4	3020.2	3367.1	3543.4	3533.4	3504.0	3454.6	3612.9	3914.5	4203.5
32°	2150.2	2275.9	2472.4	2747.9	2877.5	2853.6	2832.6	2816.4	2917.8	3114.7	3333.9
33°	1835.5	1921.5	2074.8	2292.1	2383.3	2341.1	2337.2	2344.8	2407.6	2528.5	2690.3
34°	1599.5	1656.7	1771.1	1954.0	2006.2	1966.0	1971.7	1982.8	2028.7	2100.5	2213.7
35°	1414.8	1452.3	1544.6	1699.7	1724.2	1682.8	1697.2	1756.2	1805.7	1856.9	1948.2
36°	1275.3	1296.6	1372.5	1511.5	1508.6	1471.2	1489.8	1531.5	1584.9	1616.0	1685.0
37°	1161.6	1175.0	1235.7	1365.6	1344.4	1310.3	1331.8	1378.8	1364.1	1375.0	1421.8
38°	1070.9	1077.3	1128.9	1254.5	1216.4	1182.5	1204.6	1262.9	1237.0	1237.6	1273.8
39°	996.8	998.8	1044.0	1166.9	1114.9	1084.0	1103.5	1167.3	1133.4	1126.0	1158.1
40°	936.4	933.1	974.8	1096.1	1032.9	1000.7	1020.3	1089.2	1048.4	1034.9	1064.2
41°	885.9	877.9	917.2	1037.4	965.5	933.1	951.9	1024.5	978.7	958.5	989.1
42°	843.0	830.1	869.6	986.5	911.2	874.9	893.3	971.2	918.2	893.7	925.9
43°	806.3	789.5	828.8	941.9	865.1	826.2	843.4	926.5	866.8	839.1	873.5
44°	773.7	753.2	793.4	902.6	824.9	783.2	800.7	887.1	822.8	791.7	828.9

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	744.0	721.2	763.0	867.7	789.6	744.6	762.8	853.6	784.7	751.1	790.4
46°	715.5	691.3	735.2	835.0	758.6	710.1	730.0	822.8	750.3	713.6	756.1
47°	686.3	662.7	707.3	803.2	729.9	678.8	700.2	794.4	719.7	680.3	725.7
48°	656.6	636.5	679.3	769.0	702.3	650.1	674.3	767.9	692.2	650.8	698.0
49°	627.5	611.2	651.3	731.4	673.8	623.9	651.1	741.3	667.7	624.9	672.8
50°	598.3	586.6	623.2	693.8	644.3	598.9	626.6	712.4	644.8	599.9	648.8
51°	569.8	563.3	595.9	655.2	614.8	574.2	602.2	679.9	619.3	576.3	624.0
52°	541.6	539.4	568.6	618.1	585.5	550.1	576.3	647.0	592.7	552.8	598.2
53°	514.3	517.1	540.4	582.2	555.8	527.1	551.4	612.2	566.4	530.3	572.0
54°	489.0	495.9	513.4	546.7	526.1	504.1	526.2	577.4	540.0	508.3	544.4
55°	464.7	474.3	487.4	512.5	496.9	481.8	501.9	542.5	512.4	485.9	516.3
56°	440.4	452.6	461.3	483.4	470.8	459.4	477.4	509.9	486.1	463.7	487.0
57°	419.0	431.0	435.3	454.3	444.6	437.0	453.0	479.1	459.9	441.9	459.3
58°	397.8	411.2	410.8	425.3	418.6	416.0	428.6	452.7	436.1	420.5	433.2
59°	376.6	391.6	385.8	400.8	395.5	395.6	406.2	428.5	413.1	399.7	408.0
60°	356.4	372.4	361.9	376.6	372.3	375.6	383.9	406.5	390.7	379.5	382.9
61°	338.4	353.6	341.0	353.8	350.9	356.7	363.0	384.7	368.9	359.8	358.3
62°	322.7	335.2	323.3	334.9	331.1	338.2	344.0	364.6	348.8	340.8	335.4
63°	307.8	317.1	307.9	318.6	313.5	320.5	327.6	348.1	330.9	322.2	315.4
64°	293.2	299.5	293.3	306.2	297.2	303.0	312.7	336.6	314.9	304.7	298.4
65°	278.8	281.1	278.9	293.7	282.3	286.2	298.5	328.8	299.4	288.1	283.1
66°	263.4	263.5	264.4	279.9	267.3	269.2	284.2	319.6	284.7	271.2	268.2
67°	248.1	246.5	249.9	263.0	252.5	252.2	268.8	307.4	269.4	254.6	253.5
68°	232.1	228.3	234.3	243.0	238.1	235.0	253.6	292.9	254.9	237.6	239.0
69°	215.7	208.8	217.9	224.1	222.8	216.8	238.1	276.1	239.6	220.2	223.9
70°	199.1	190.1	201.6	214.1	206.5	197.8	222.0	257.7	223.7	200.8	208.1
71°	182.4	173.5	185.1	217.6	189.9	179.9	205.0	238.9	207.7	183.9	191.1
72°	165.2	158.1	168.4	227.6	172.7	163.7	187.5	237.2	190.2	167.1	174.1
73°	148.2	143.6	151.7	202.0	155.3	147.6	169.5	229.6	172.6	150.5	157.1
74°	131.5	129.2	134.7	164.6	138.0	132.0	152.0	195.4	155.1	134.8	140.1
75°	115.8	114.9	118.3	139.0	121.5	117.3	135.4	166.6	137.1	119.6	123.1
76°	100.7	101.0	103.4	118.6	105.5	103.2	119.1	137.7	121.0	105.2	107.2
77°	86.3	87.8	88.8	102.4	90.1	89.7	104.8	118.3	106.6	91.5	92.5
78°	72.6	74.8	74.6	87.6	75.3	76.9	90.2	102.0	90.6	78.3	78.3
79°	60.0	62.9	61.5	74.2	61.7	64.7	75.5	86.9	74.8	65.8	64.4
80°	49.7	52.5	50.9	61.3	50.9	53.9	61.7	72.9	60.8	54.1	52.2
81°	39.5	42.1	40.4	49.8	40.0	43.1	50.8	59.7	48.1	43.2	41.2
82°	29.3	31.8	30.1	38.3	29.1	32.3	40.0	47.6	37.3	33.2	30.9
83°	25.4	27.5	25.5	26.9	22.9	25.0	29.4	36.8	28.0	24.8	21.8
84°	24.3	26.9	24.9	20.2	21.1	21.8	24.4	26.7	23.4	19.7	17.1
85°	19.4	21.3	20.3	12.6	17.3	18.3	20.4	19.2	17.1	14.7	12.3
86°	10.1	10.9	11.7	6.3	10.6	12.1	13.3	11.7	10.9	9.6	7.2
87°	2.9	2.9	3.5	2.7	4.3	3.8	4.7	4.3	4.6	3.5	2.1
88°	1.1	1.2	1.3	1.2	1.3	1.4	2.0	1.5	1.4	0.9	0.5
89°	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.3	0.2	0.2

REPORT NUMBER: P1440378

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

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: P1440378

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

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: P1440378
CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 4

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: P1440378

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	41867.8	41867.8	41867.8
1°	42017.3	41954.5	41883.0
2°	41963.1	41822.3	41683.7
3°	41729.2	41497.4	41285.1
4°	41330.6	41003.5	40750.0
5°	40836.7	40442.4	40132.6
6°	40253.9	39794.7	39476.2
7°	39653.9	39177.3	38845.8
8°	39071.1	38592.4	38252.3
9°	38468.9	38033.5	37654.4
10°	37897.0	37468.1	37071.6
11°	37303.4	36855.0	36389.3
12°	36657.9	36118.5	35522.8
13°	35869.4	35217.3	34526.3
14°	34927.0	34153.7	33378.1
15°	33841.7	32981.7	32134.7
16°	32589.6	31718.8	30802.4
17°	31207.5	30362.7	29435.5
18°	29699.8	28963.2	28094.6
19°	28070.7	27548.7	26645.3
20°	26240.2	26030.1	25100.8
21°	24344.7	24357.7	23372.1
22°	22258.6	22462.2	21404.2
23°	20096.6	20356.6	19200.9
24°	17765.9	18023.3	16993.6
25°	15434.1	15688.9	14786.4
26°	13102.6	13354.3	12553.2
27°	10890.1	11033.1	10294.6
28°	8826.7	8809.9	8219.3
29°	7027.0	6917.4	6516.4
30°	5499.3	5378.0	5105.3
31°	4313.5	4191.5	4025.4
32°	3416.9	3318.1	3197.9
33°	2747.9	2676.4	2609.9
34°	2268.5	2210.5	2165.7
35°	2005.4	1948.4	1910.5
36°	1745.9	1689.2	1658.4
37°	1486.3	1430.0	1406.2
38°	1343.2	1284.1	1261.0
39°	1237.1	1168.3	1146.0
40°	1150.3	1073.9	1052.0
41°	1083.2	998.2	975.7
42°	1026.6	934.2	909.7
43°	978.7	879.8	854.0
44°	935.5	832.5	805.0

REPORT NUMBER: P1440378

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	896.0	790.9	762.1
46°	858.8	753.4	723.0
47°	824.7	719.8	689.0
48°	792.6	690.9	657.6
49°	761.2	663.4	627.2
50°	729.5	637.2	598.3
51°	696.5	611.5	571.9
52°	659.7	584.9	547.1
53°	622.0	559.2	524.3
54°	583.1	533.2	501.9
55°	545.6	506.9	479.9
56°	508.0	480.5	458.2
57°	474.2	453.6	437.4
58°	442.9	426.9	415.5
59°	414.6	400.0	395.2
60°	390.5	374.9	374.2
61°	367.0	351.1	354.7
62°	344.3	329.3	335.9
63°	324.0	310.3	317.1
64°	307.5	294.2	299.0
65°	292.9	279.1	281.2
66°	281.4	265.0	263.5
67°	268.8	250.6	246.3
68°	250.6	235.4	229.0
69°	230.3	220.2	210.7
70°	211.9	203.9	193.2
71°	210.6	187.4	175.7
72°	209.6	171.0	158.2
73°	208.6	154.5	143.0
74°	189.7	138.5	128.7
75°	155.0	122.8	114.3
76°	127.5	106.2	100.8
77°	107.3	91.2	87.2
78°	90.6	76.9	73.8
79°	75.8	62.4	60.8
80°	61.4	49.4	48.7
81°	47.4	37.8	37.9
82°	35.3	27.7	27.9
83°	24.9	22.6	22.2
84°	17.8	17.5	16.7
85°	10.8	12.5	11.2
86°	3.8	3.5	2.4
87°	0.8	0.7	0.6
88°	0.4	0.4	0.3
89°	0.1	0.1	0.1

REPORT NUMBER: P1440378

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

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: P1440378

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

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: P1440378

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)