

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: P1440389

Luminaire Tested: XSF300-SFTR-5Hx5V-830-Position 3

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440389
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-5Hx5V-830-Position 3
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 5 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: 29956.9 lumens
Efficiency: N/A
Efficacy: 163.7 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - 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

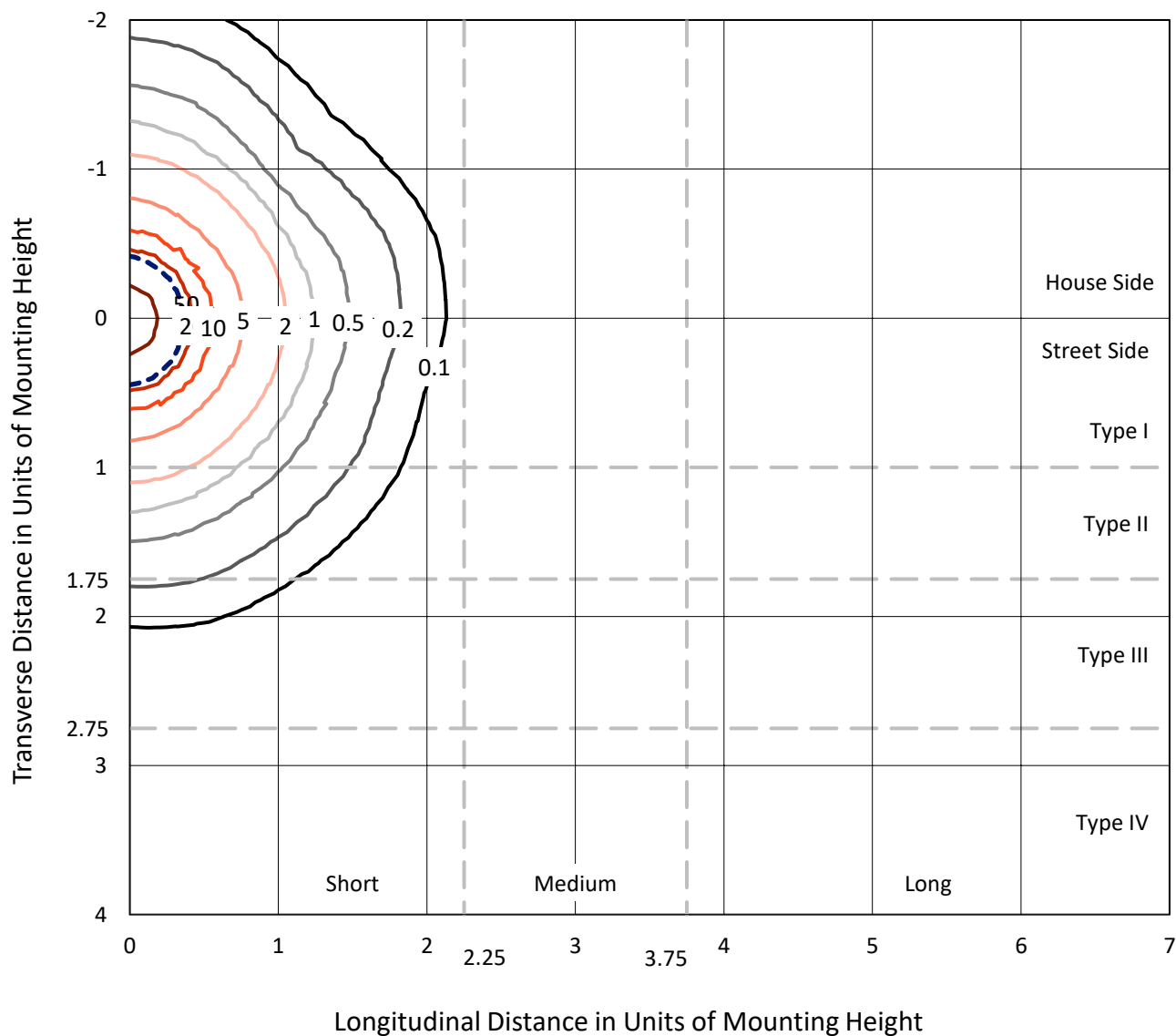
REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



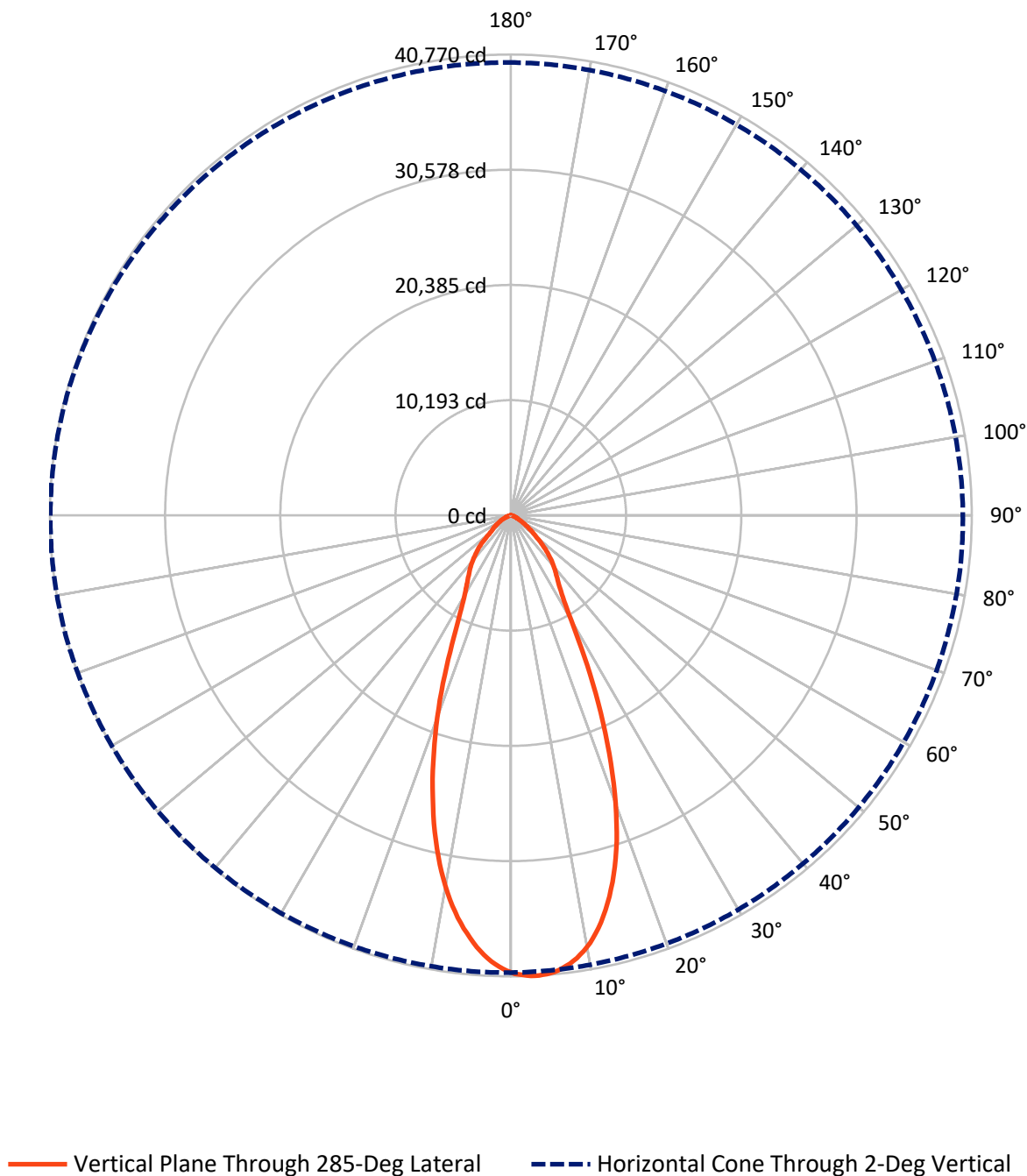
Based on 25 foot mounting height. Maximum calculated value = 64.9 fc

Type V - Short - N/A

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

Luminous Intensity Polar Plot



REPORT NUMBER: P1440389

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14554.9	0.0	14554.9
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	15402.0	0.0	15402.0
	% Fixture	51.4	0.0	51.4
Total	Lumens	29956.9	0.0	29956.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3645.7	12.2
10°-20°	8617.2	28.8
20°-30°	7314.7	24.4
30°-40°	4473.2	14.9
40°-50°	3261.9	10.9
50°-60°	1619.8	5.4
60°-70°	729.2	2.4
70°-80°	262.1	0.9
80°-90°	33.1	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°	29956.9	100.0
0°-180°	29956.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1440389

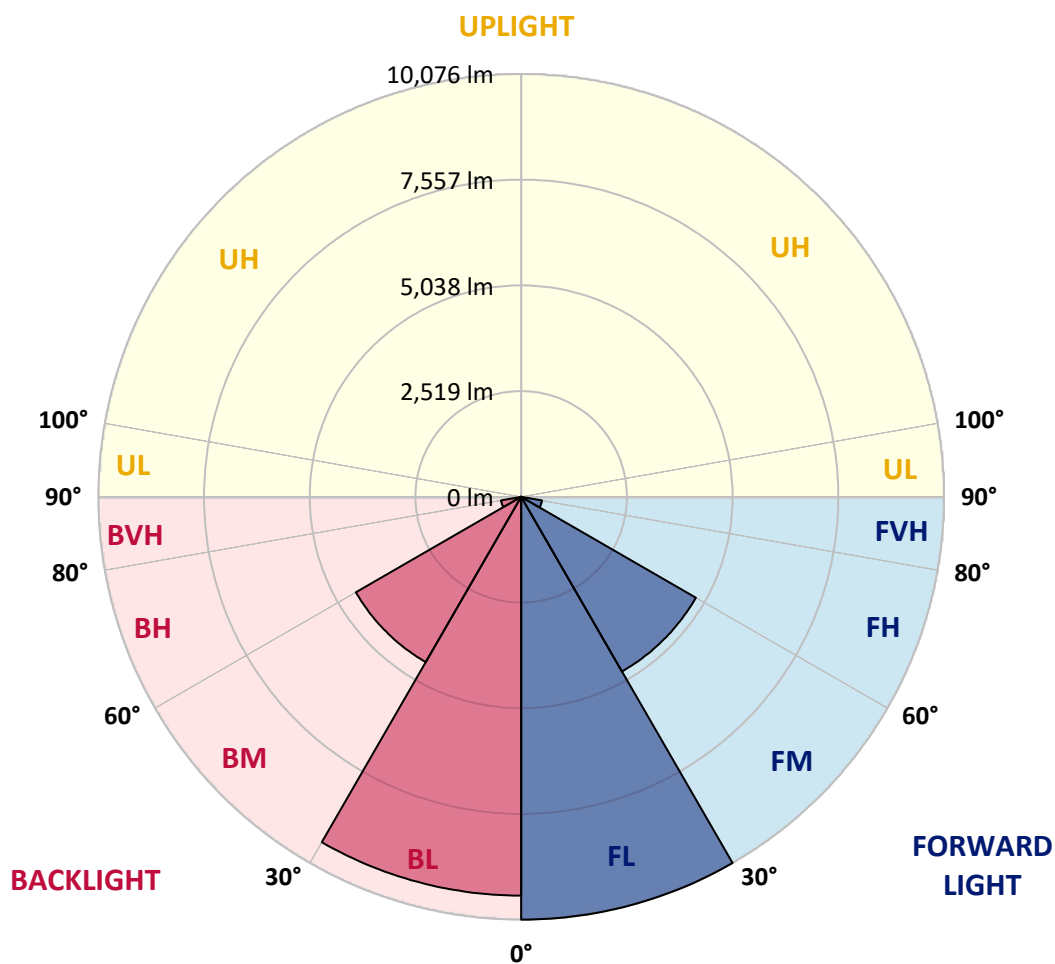
CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	10075.5	33.6			
FM	(30°-60°)	4807.2	16.0			
FH	(60°-80°)	503.5	1.7			G0/660
FVH	(80°-90°)	15.7	0.1			G1/100
BL	(0°-30°)	9502.2	31.7	B5		
BM	(30°-60°)	4547.7	15.2	B3/5000		
BH	(60°-80°)	487.8	1.6	B1/500		G0/660
BVH	(80°-90°)	17.4	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 V Short



REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2
1°	40588.7	40528.1	40474.0	40429.3	40384.7	40349.7	40311.4	40270.0	40266.8	40276.4	40301.9
2°	40438.9	40327.4	40250.9	40190.4	40129.8	40053.3	39989.6	39925.9	39903.6	39913.1	39916.3
3°	40158.5	40024.7	39910.0	39820.7	39731.5	39642.3	39546.7	39483.0	39441.6	39438.4	39457.5
4°	39766.6	39581.8	39444.7	39355.5	39240.8	39148.4	39017.8	38938.1	38903.0	38906.2	38931.7
5°	39295.0	39116.5	38947.7	38801.1	38664.1	38555.7	38402.8	38304.0	38268.9	38300.8	38364.5
6°	38788.3	38587.6	38396.4	38198.8	38001.3	37848.3	37673.1	37558.4	37548.8	37634.8	37778.2
7°	38288.1	38058.6	37813.3	37536.1	37258.9	37061.3	36889.2	36771.3	36774.5	36914.7	37153.7
8°	37842.0	37555.2	37220.6	36838.2	36465.4	36204.1	35981.1	35888.7	35946.0	36165.9	36526.0
9°	37383.1	37048.5	36605.6	36089.4	35598.7	35257.8	34993.3	34920.0	35018.8	35340.6	35840.9
10°	36895.6	36497.3	35942.9	35305.6	34693.8	34257.2	33909.9	33862.1	34031.0	34461.2	35063.4
11°	36328.4	35888.7	35219.5	34467.5	33718.7	33151.6	32766.0	32718.2	32976.3	33495.7	34222.2
12°	35649.7	35146.3	34438.9	33546.7	32702.3	32007.6	31520.7	31503.5	31827.9	32456.9	33250.3
13°	34843.5	34305.0	33521.2	32542.9	31588.0	30755.4	30186.9	30189.5	30604.0	31314.9	32163.8
14°	33929.0	33310.9	32460.1	31456.4	30373.9	29432.4	28792.2	28805.3	29303.9	30074.1	30962.8
15°	32918.9	32256.2	31255.0	30255.1	29110.8	28045.0	27319.1	27366.0	27901.3	28737.7	29640.4
16°	31864.2	31057.1	29997.6	28965.2	27734.9	26595.8	25819.6	25850.8	26427.6	27333.8	28226.3
17°	30749.3	29812.2	28664.4	27578.2	26275.2	25078.1	24301.3	24341.4	24914.0	25820.9	26745.9
18°	29588.5	28544.9	27286.6	26117.5	24773.5	23564.2	22795.4	22789.0	23357.4	24263.3	25210.3
19°	28385.3	27225.8	25841.9	24569.9	23224.9	22021.7	21290.1	21275.7	21786.5	22609.9	23605.7
20°	27114.2	25819.3	24335.0	22999.9	21677.9	20519.0	19795.0	19768.6	20210.5	20924.3	21912.7
21°	25699.1	24283.1	22736.4	21408.6	20103.5	19008.3	18289.8	18248.6	18621.8	19224.6	20142.0
22°	24120.6	22696.9	21106.6	19795.3	18552.6	17487.4	16814.8	16749.4	17085.0	17548.0	18369.4
23°	22401.8	20972.1	19434.6	18156.2	16982.4	15986.3	15356.6	15261.1	15531.6	15911.1	16621.3
24°	20578.6	19209.4	17769.1	16548.4	15459.9	14547.3	13964.2	13857.1	14042.9	14327.1	14980.3
25°	18749.2	17499.2	16160.6	15017.6	14005.9	13212.5	12717.7	12554.8	12657.1	12874.1	13460.4
26°	16899.8	15795.7	14593.2	13547.1	12657.1	12012.2	11608.8	11428.1	11415.7	11584.6	12080.1
27°	15113.8	14195.2	13142.1	12200.5	11470.8	10990.9	10672.0	10477.6	10378.5	10463.9	10913.5
28°	13446.1	12710.0	11837.2	11024.7	10430.8	10107.7	9877.6	9666.7	9511.8	9545.6	9916.5
29°	12020.8	11443.1	10718.8	10026.7	9574.2	9363.0	9211.3	9000.1	8797.1	8783.1	9112.5
30°	10843.7	10371.2	9783.3	9186.5	8839.8	8742.3	8657.2	8439.2	8220.3	8165.5	8451.0
31°	9918.7	9536.3	9004.2	8483.9	8229.6	8227.3	8189.1	7982.0	7737.9	7657.3	7927.8
32°	9197.0	8862.4	8360.9	7915.7	7728.7	7792.4	7799.7	7580.2	7337.7	7236.4	7491.6
33°	8643.2	8334.7	7841.8	7432.0	7304.2	7420.9	7455.9	7236.4	6994.2	6869.9	7121.7
34°	8204.7	7916.4	7414.5	7021.3	6927.9	7094.3	7159.9	6932.7	6685.1	6558.6	6811.9
35°	7850.4	7565.5	7055.1	6660.6	6595.9	6791.5	6877.3	6647.8	6398.7	6269.0	6533.8
36°	7556.0	7266.6	6744.7	6333.7	6299.2	6517.2	6608.6	6383.4	6134.2	6006.1	6273.7
37°	7302.0	6997.1	6467.2	6048.2	6028.1	6254.0	6351.5	6139.3	5869.7	5742.9	6030.6
38°	7066.2	6738.0	6212.6	5788.1	5774.8	5996.8	6107.1	5894.9	5605.2	5479.7	5787.5
39°	6826.3	6480.5	5965.3	5534.8	5520.8	5736.8	5862.7	5650.2	5338.2	5208.2	5544.1
40°	6568.8	6222.8	5705.9	5274.8	5267.8	5462.2	5618.0	5387.3	5079.5	4943.1	5281.8
41°	6300.5	5957.0	5431.9	5012.6	5007.5	5184.6	5337.9	5129.5	4805.8	4682.4	5012.6
42°	6011.2	5675.3	5149.6	4748.4	4740.8	4888.3	5044.1	4850.7	4530.5	4418.6	4740.8
43°	5706.6	5377.1	4872.4	4476.0	4471.5	4582.7	4753.8	4584.6	4250.1	4147.1	4468.6
44°	5387.6	5066.7	4587.5	4212.1	4201.6	4287.0	4466.1	4318.6	3968.7	3881.1	4214.4

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	5040.6	4753.2	4305.8	3949.9	3945.7	4010.1	4192.1	4061.1	3703.6	3628.4	3965.8
46°	4688.8	4445.7	4024.5	3695.3	3694.3	3738.0	3895.4	3778.5	3434.6	3410.4	3732.9
47°	4347.2	4140.8	3749.8	3444.5	3413.6	3440.1	3579.3	3443.2	3101.3	3164.8	3475.8
48°	4028.3	3847.9	3460.1	3161.3	3121.1	3161.3	3281.4	3106.6	2766.9	2863.9	3160.2
49°	3689.9	3522.6	3119.3	2857.4	2857.4	2886.2	3002.4	2779.5	2470.4	2563.9	2810.2
50°	3378.6	3183.5	2832.4	2558.7	2593.8	2652.5	2757.7	2495.4	2159.8	2188.0	2498.1
51°	3134.2	2816.5	2547.5	2260.1	2330.3	2419.9	2560.2	2294.7	1921.5	1890.9	2197.1
52°	2830.9	2562.6	2262.6	2054.2	2128.9	2234.6	2384.6	2144.0	1752.9	1649.4	1983.6
53°	2556.8	2308.8	2038.1	1898.9	1937.2	2035.9	2223.9	2020.8	1606.0	1458.9	1850.2
54°	2283.6	2135.8	1881.2	1794.5	1760.9	1836.6	2042.1	1922.8	1482.4	1274.8	1705.9
55°	2094.3	1913.8	1717.5	1678.5	1623.4	1667.4	1880.9	1803.4	1368.8	1116.1	1544.6
56°	1878.1	1725.7	1579.5	1540.9	1529.3	1538.5	1743.6	1689.7	1261.7	989.5	1379.4
57°	1670.1	1575.5	1443.5	1421.3	1443.9	1419.3	1604.1	1568.9	1177.1	904.1	1241.0
58°	1469.4	1430.7	1322.0	1308.0	1326.9	1283.7	1467.4	1480.9	1093.2	841.7	1118.3
59°	1329.0	1320.5	1217.4	1195.8	1234.8	1169.4	1345.4	1352.1	990.3	785.4	1017.6
60°	1189.0	1242.7	1122.6	1093.2	1135.7	1027.4	1242.9	1223.2	910.2	734.7	931.5
61°	1063.2	1134.8	1018.9	1003.8	1030.1	912.6	1133.3	1136.9	860.2	692.7	851.1
62°	950.1	1015.8	923.8	919.4	937.2	845.3	1035.5	1055.8	796.6	650.6	782.9
63°	855.7	911.3	844.1	843.3	858.4	787.3	960.3	974.0	735.7	608.6	724.9
64°	766.4	834.2	775.2	776.4	789.3	720.7	881.4	880.3	677.9	572.2	670.6
65°	690.7	754.7	716.4	715.9	721.7	660.5	803.5	796.2	620.2	537.7	616.3
66°	627.0	683.7	657.8	657.9	658.3	606.5	729.7	720.5	569.5	502.6	566.1
67°	568.9	619.9	601.9	602.7	597.5	559.1	656.0	644.8	519.8	468.1	515.6
68°	514.5	557.7	545.4	546.2	538.1	512.8	582.3	569.5	471.4	435.0	466.2
69°	464.3	499.9	487.4	489.6	482.2	465.7	518.5	508.2	427.9	401.4	425.1
70°	415.4	444.6	435.1	436.6	429.9	421.5	467.6	456.6	388.3	368.8	409.2
71°	372.5	395.5	396.4	387.6	382.9	381.0	449.5	409.4	352.1	336.1	388.9
72°	330.8	351.1	388.5	344.1	339.9	342.6	401.6	365.1	317.9	304.3	349.7
73°	292.0	309.8	348.0	304.2	300.4	305.4	346.3	323.0	284.1	271.3	299.3
74°	258.1	272.0	294.7	268.9	266.0	271.3	296.7	283.9	252.0	240.1	258.8
75°	224.2	234.2	252.7	233.8	231.6	237.2	255.6	246.7	221.3	211.0	223.8
76°	190.4	196.4	210.8	198.6	197.2	203.2	221.1	213.0	192.0	182.9	191.2
77°	161.9	164.3	169.0	166.8	167.8	173.2	190.4	181.8	164.9	156.3	162.4
78°	133.5	133.0	141.0	138.6	141.7	146.1	164.0	153.1	139.7	129.6	136.4
79°	105.2	106.3	116.4	113.9	117.4	120.6	138.0	126.6	116.4	106.4	114.2
80°	82.0	82.6	92.7	91.8	94.0	97.6	112.2	103.0	94.8	86.3	93.5
81°	62.5	62.6	70.2	73.1	76.3	79.2	91.3	85.1	77.4	70.2	75.6
82°	46.4	47.6	53.6	54.8	58.3	62.0	73.8	67.2	60.0	54.2	57.7
83°	33.1	33.4	36.5	38.2	42.2	46.3	56.2	49.4	42.7	38.2	39.9
84°	23.2	23.4	25.7	27.6	31.0	34.0	38.8	36.1	31.7	27.9	27.7
85°	13.4	13.5	15.0	17.2	20.1	23.0	24.5	24.9	21.3	18.2	16.8
86°	3.5	3.7	4.2	6.7	9.2	13.7	13.2	13.4	11.3	9.7	8.6
87°	1.0	1.1	1.1	1.6	2.9	4.4	5.1	5.0	4.4	4.0	3.7
88°	0.5	0.5	0.5	0.5	0.7	1.0	1.3	1.3	1.4	1.5	1.7
89°	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.6	0.7	0.7

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389
CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2	40547.2
1°	40333.7	40400.7	40429.3	40499.4	40547.2	40604.6	40649.2	40671.5	40665.1	40690.6	40700.2
2°	39970.5	40062.9	40155.3	40279.6	40426.2	40556.8	40671.5	40738.4	40770.3	40748.0	40716.1
3°	39521.2	39613.6	39760.2	39945.0	40174.4	40397.5	40620.5	40712.9	40763.9	40722.5	40623.7
4°	39008.2	39122.9	39295.0	39527.6	39852.6	40171.2	40489.9	40633.3	40703.4	40595.0	40407.0
5°	38482.4	38613.1	38791.5	39056.0	39451.1	39871.7	40273.2	40493.1	40563.2	40391.1	40120.3
6°	37956.7	38090.5	38272.1	38584.4	39008.2	39502.1	39986.4	40273.2	40317.8	40117.1	39757.0
7°	37402.2	37596.6	37797.4	38100.1	38536.6	39068.7	39616.8	39948.2	39989.6	39744.3	39349.1
8°	36870.1	37118.6	37341.7	37647.6	38065.0	38597.1	39167.5	39543.5	39594.5	39314.1	38880.7
9°	36299.7	36596.1	36882.9	37188.7	37577.5	38065.0	38635.4	39020.9	39071.9	38794.7	38364.5
10°	35627.4	35993.8	36331.6	36691.7	37035.8	37459.6	37988.5	38393.2	38460.1	38192.5	37857.9
11°	34865.8	35280.1	35691.1	36114.9	36465.4	36771.3	37227.0	37622.1	37717.7	37504.2	37297.1
12°	33970.5	34416.6	34897.7	35445.8	35812.2	36032.1	36369.8	36733.1	36854.2	36739.5	36691.7
13°	32931.7	33400.1	33970.5	34658.7	35079.3	35162.2	35429.8	35754.9	35882.3	35879.1	36013.0
14°	31772.5	32304.0	32912.6	33737.9	34206.3	34244.5	34375.1	34668.3	34811.7	34939.1	35245.0
15°	30537.1	31147.6	31800.5	32689.5	33237.6	33218.5	33247.1	33460.6	33670.9	33913.1	34372.0
16°	29242.4	29974.0	30619.6	31503.5	32068.2	32039.5	32014.0	32138.3	32405.9	32807.4	33377.8
17°	27915.9	28800.2	29452.1	30216.9	30761.4	30774.2	30656.6	30693.2	31037.7	31563.8	32198.8
18°	26499.6	27571.8	28232.0	28857.2	29323.1	29376.0	29185.1	29149.4	29537.8	30250.0	30879.6
19°	24980.6	26207.4	26932.0	27422.4	27753.1	27840.1	27593.8	27503.9	27952.9	28777.5	29390.3
20°	23330.0	24674.7	25457.0	25871.8	26053.2	26183.8	25903.7	25783.6	26251.7	27159.5	27807.0
21°	21562.5	22948.0	23797.5	24153.7	24245.2	24445.9	24136.5	24024.4	24503.6	25455.1	26089.2
22°	19716.0	21104.6	21989.2	22298.6	22392.6	22610.9	22341.3	22243.8	22741.5	23662.4	24300.3
23°	17886.0	19209.7	20097.4	20338.0	20439.6	20730.2	20525.3	20468.0	20947.9	21830.8	22410.1
24°	16094.0	17322.7	18136.2	18419.1	18539.6	18829.2	18711.3	18684.6	19181.6	19967.1	20497.9
25°	14443.1	15482.2	16268.0	16533.1	16644.3	17021.6	16914.8	16933.6	17439.9	18145.7	18591.2
26°	12909.8	13773.6	14462.9	14753.8	14873.9	15177.3	15146.3	15218.0	15708.7	16330.7	16746.9
27°	11601.8	12318.7	12905.3	13181.3	13262.2	13508.8	13505.3	13613.4	14072.5	14624.1	14983.5
28°	10496.7	11073.5	11520.8	11758.5	11813.3	11968.5	12012.2	12146.3	12530.9	13012.7	13351.1
29°	9627.5	10122.0	10447.0	10592.9	10577.7	10646.2	10728.4	10907.1	11209.5	11580.7	11889.5
30°	8944.0	9371.0	9582.5	9617.9	9538.9	9558.6	9690.9	9896.1	10113.1	10349.2	10604.1
31°	8402.3	8804.1	8941.1	8857.0	8705.3	8703.1	8876.1	9099.5	9249.2	9347.1	9566.3
32°	7975.3	8349.4	8411.5	8235.0	8045.7	8022.8	8231.2	8468.2	8567.3	8570.8	8716.1
33°	7625.4	7981.7	8010.0	7744.9	7501.2	7493.2	7714.0	7967.3	8017.7	7937.4	8038.4
34°	7323.7	7690.1	7658.6	7342.8	7070.0	7059.5	7298.5	7558.5	7581.5	7433.3	7497.3
35°	7063.7	7440.3	7360.6	6999.0	6694.4	6697.2	6944.2	7210.2	7216.0	7019.4	7047.1
36°	6825.0	7214.7	7096.8	6693.1	6371.6	6380.8	6637.6	6916.1	6898.6	6662.5	6675.6
37°	6592.1	6994.2	6845.1	6415.5	6106.1	6119.5	6368.1	6644.6	6606.4	6348.3	6351.8
38°	6348.6	6762.5	6597.5	6163.5	5840.4	5858.6	6128.8	6399.9	6337.5	6062.5	6064.7
39°	6096.3	6522.9	6344.2	5911.8	5574.6	5597.3	5889.5	6157.8	6084.2	5793.2	5794.8
40°	5843.9	6268.3	6067.0	5659.7	5304.4	5332.2	5650.2	5905.7	5817.5	5528.1	5530.7
41°	5591.2	6002.9	5790.1	5384.4	5034.5	5067.1	5389.5	5640.3	5545.3	5264.9	5271.0
42°	5293.9	5736.8	5511.6	5088.7	4762.4	4798.4	5116.4	5362.4	5254.1	4992.5	5004.3
43°	5003.0	5442.1	5194.5	4791.7	4483.3	4528.9	4837.3	5061.6	4944.7	4721.6	4730.6
44°	4715.6	5142.6	4880.3	4480.7	4196.5	4252.0	4557.2	4757.0	4619.4	4438.7	4458.1

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4443.1	4852.6	4566.8	4177.7	3908.1	3954.4	4271.7	4459.1	4288.9	4153.2	4185.0
46°	4176.1	4572.5	4282.6	3896.0	3638.3	3666.6	3994.2	4171.0	3962.6	3858.8	3918.3
47°	3882.0	4256.4	3992.0	3644.6	3387.8	3390.0	3719.5	3907.5	3672.4	3577.4	3662.2
48°	3545.5	3929.5	3646.2	3334.3	3110.7	3093.8	3422.2	3622.0	3371.2	3312.3	3413.9
49°	3241.5	3631.9	3309.4	2981.0	2760.6	2738.4	3098.4	3326.9	3065.9	3035.2	3121.2
50°	2984.6	3430.2	3058.9	2664.3	2388.0	2423.8	2754.7	3020.6	2833.6	2756.3	2841.5
51°	2747.3	3173.6	2874.8	2403.8	2044.9	2151.3	2450.3	2798.8	2601.6	2477.4	2512.7
52°	2557.4	2910.3	2660.3	2117.9	1738.5	1865.7	2218.6	2577.8	2369.6	2198.5	2182.5
53°	2444.9	2759.8	2540.8	1977.3	1562.6	1682.4	2068.3	2356.7	2175.4	1996.3	1989.3
54°	2303.5	2620.8	2414.5	1817.1	1379.6	1547.7	1959.3	2159.9	1982.0	1833.4	1841.3
55°	2158.4	2439.3	2219.9	1645.1	1200.1	1425.7	1871.4	1980.7	1799.9	1695.8	1702.8
56°	1953.8	2233.6	2009.9	1482.8	1052.4	1325.4	1777.6	1833.6	1644.2	1589.3	1578.3
57°	1760.0	2018.2	1817.4	1329.1	952.2	1244.4	1654.0	1674.6	1486.3	1490.7	1457.9
58°	1617.2	1832.8	1646.1	1191.4	883.9	1169.8	1532.8	1526.8	1325.6	1354.6	1348.0
59°	1464.1	1683.9	1486.8	1084.8	824.0	1067.0	1451.5	1411.4	1237.2	1242.7	1243.7
60°	1303.5	1522.3	1330.2	1004.6	770.7	962.8	1328.6	1293.0	1116.5	1171.0	1147.8
61°	1172.4	1354.2	1186.3	908.8	721.2	884.0	1193.2	1168.9	982.6	1074.5	1056.6
62°	1059.6	1206.8	1055.9	817.5	677.1	822.6	1092.4	1077.7	885.8	976.5	969.7
63°	953.0	1071.4	950.2	744.0	633.1	761.9	1013.7	997.5	802.3	883.3	891.4
64°	871.7	956.4	857.2	684.5	595.4	704.9	923.0	916.2	730.5	805.2	817.3
65°	792.4	852.1	778.3	625.0	559.7	647.9	838.7	840.4	673.2	739.2	749.1
66°	719.1	766.1	708.8	577.2	524.4	591.0	762.0	768.6	620.6	676.3	687.3
67°	645.9	680.1	639.2	530.0	489.1	542.2	688.0	698.8	574.0	617.2	629.2
68°	572.9	594.4	569.7	482.7	454.4	499.0	614.5	631.4	528.6	560.0	570.7
69°	509.4	520.8	507.7	438.1	421.1	455.3	553.3	567.8	484.5	504.4	511.7
70°	446.2	457.1	450.6	402.2	388.5	413.3	495.7	507.5	441.6	451.8	456.7
71°	391.2	402.1	398.3	377.8	355.4	373.8	445.0	454.4	399.8	400.8	406.7
72°	341.9	352.7	351.4	360.4	322.9	338.0	398.1	418.8	361.3	356.8	361.9
73°	297.3	306.2	307.4	318.5	290.1	304.1	354.1	384.0	324.6	316.5	320.4
74°	255.3	264.0	265.5	270.8	257.5	270.9	312.4	331.1	289.5	281.6	284.8
75°	217.6	226.2	226.7	232.2	226.6	239.3	272.4	282.1	256.5	246.8	247.6
76°	185.1	192.6	193.1	197.5	197.4	209.3	234.0	243.1	223.6	212.0	210.4
77°	156.0	163.0	163.1	168.1	169.4	180.4	200.8	204.1	190.6	181.4	178.6
78°	129.7	136.6	135.7	142.2	141.9	152.7	170.2	173.4	161.8	153.8	149.2
79°	106.4	112.7	111.2	120.0	117.4	129.0	142.9	146.6	136.1	129.7	123.8
80°	85.7	91.2	89.7	98.5	95.9	106.6	117.5	120.0	111.1	105.8	101.1
81°	70.7	75.7	73.9	80.4	78.7	87.5	95.1	97.1	88.4	84.7	80.8
82°	55.8	60.1	58.1	62.3	61.5	68.5	77.9	78.1	70.2	66.4	61.2
83°	41.1	44.5	42.6	44.3	44.5	49.7	60.6	60.8	52.8	49.3	43.5
84°	33.0	36.1	34.6	31.9	35.3	38.7	43.4	44.2	40.2	36.5	29.8
85°	23.6	25.8	25.0	20.0	25.4	28.7	31.7	29.4	30.1	26.2	20.0
86°	12.2	13.1	13.9	10.7	14.7	17.9	19.7	18.7	19.3	15.9	10.4
87°	4.2	4.4	4.9	4.6	6.2	7.4	8.8	8.2	8.5	5.7	3.2
88°	1.9	2.0	2.1	2.0	2.2	2.6	3.0	2.4	2.4	1.5	0.8
89°	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.6	0.6	0.4	0.3

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389
CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	40547.2	40547.2	40547.2
1°	40652.4	40636.5	40588.7
2°	40623.7	40528.1	40438.9
3°	40458.0	40298.7	40158.5
4°	40161.7	39935.4	39766.6
5°	39785.7	39492.5	39295.0
6°	39361.9	39020.9	38788.3
7°	38896.7	38543.0	38288.1
8°	38421.9	38077.8	37842.0
9°	37975.8	37638.0	37383.1
10°	37513.8	37185.6	36895.6
11°	37026.2	36682.1	36328.4
12°	36510.0	36099.0	35649.7
13°	35879.1	35362.9	34843.5
14°	35133.5	34518.5	33929.0
15°	34241.3	33565.8	32918.9
16°	33234.4	32539.8	31864.2
17°	32128.7	31444.3	30749.3
18°	30891.4	30292.4	29588.5
19°	29554.7	29105.4	28385.3
20°	28113.2	27863.7	27114.2
21°	26542.9	26476.9	25699.1
22°	24876.4	24922.0	24120.6
23°	23032.1	23215.0	22401.8
24°	21123.1	21349.0	20578.6
25°	19209.7	19452.8	18749.2
26°	17301.6	17514.2	16899.8
27°	15481.2	15646.0	15113.8
28°	13769.2	13870.5	13446.1
29°	12230.1	12301.8	12020.8
30°	10910.6	10977.5	10843.7
31°	9843.2	9965.2	9918.7
32°	8999.4	9175.9	9197.0
33°	8332.5	8569.2	8643.2
34°	7805.1	8102.8	8204.7
35°	7373.1	7723.6	7850.4
36°	7026.7	7420.5	7556.0
37°	6727.8	7158.9	7302.0
38°	6450.3	6916.8	7066.2
39°	6181.0	6667.9	6826.3
40°	5914.6	6401.8	6568.8
41°	5644.1	6129.7	6300.5
42°	5354.8	5847.1	6011.2
43°	5076.6	5559.4	5706.6
44°	4797.8	5252.5	5387.6

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4512.6	4934.8	5040.6
46°	4226.8	4610.8	4688.8
47°	3936.8	4295.0	4347.2
48°	3658.3	3980.8	4028.3
49°	3364.5	3647.5	3689.9
50°	3021.9	3307.2	3378.6
51°	2735.5	2938.7	3134.2
52°	2449.9	2678.7	2830.9
53°	2164.3	2421.6	2556.8
54°	1971.7	2164.5	2283.6
55°	1814.1	2005.7	2094.3
56°	1699.1	1848.8	1878.1
57°	1559.9	1665.9	1670.1
58°	1425.6	1506.0	1469.4
59°	1304.8	1371.8	1329.0
60°	1193.5	1225.9	1189.0
61°	1096.1	1097.2	1063.2
62°	997.3	998.9	950.1
63°	902.0	906.8	855.7
64°	819.7	823.1	766.4
65°	747.2	744.4	690.7
66°	675.2	674.8	627.0
67°	605.0	616.1	568.9
68°	542.7	558.9	514.5
69°	484.1	504.4	464.3
70°	434.3	451.7	415.4
71°	389.3	403.7	372.5
72°	357.1	359.9	330.8
73°	341.6	316.9	292.0
74°	303.4	279.2	258.1
75°	253.6	241.6	224.2
76°	211.3	204.0	190.4
77°	182.1	171.5	161.9
78°	152.9	141.1	133.5
79°	123.7	113.1	105.2
80°	99.3	88.1	82.0
81°	76.0	66.3	62.5
82°	56.8	48.6	46.4
83°	40.5	35.5	33.1
84°	29.0	25.2	23.2
85°	17.5	14.9	13.4
86°	6.0	4.7	3.5
87°	1.5	1.2	1.0
88°	0.6	0.5	0.5
89°	0.2	0.2	0.2

REPORT NUMBER: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-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: P1440389

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 3

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)