

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: P1440387

Luminaire Tested: XSF300-SFTR-5Hx5V-830-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440387
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-5Hx5V-830-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 5 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47447.7 lumens
Efficiency: N/A
Efficacy: 152.6 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

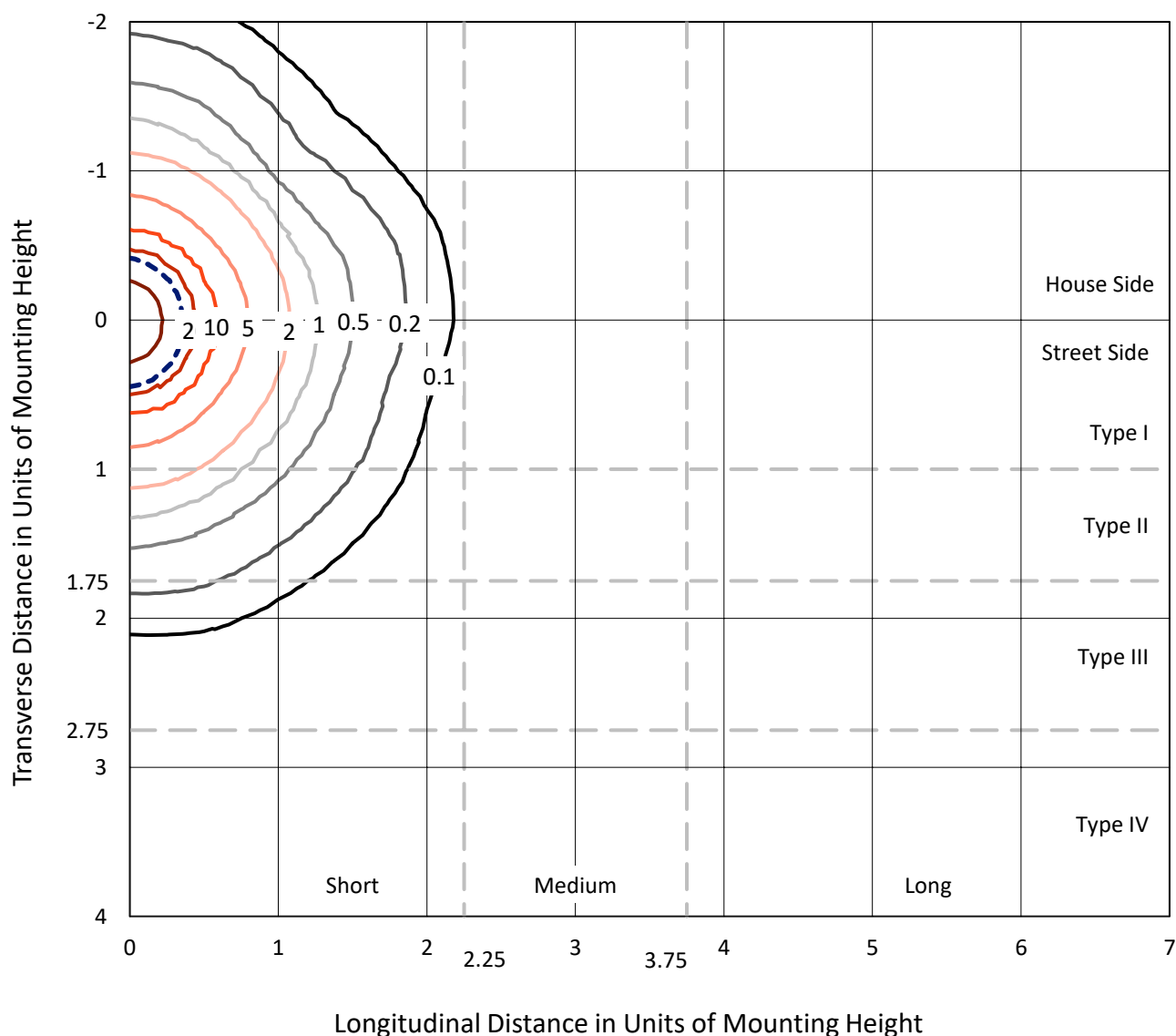
Input Watts (W): 311
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

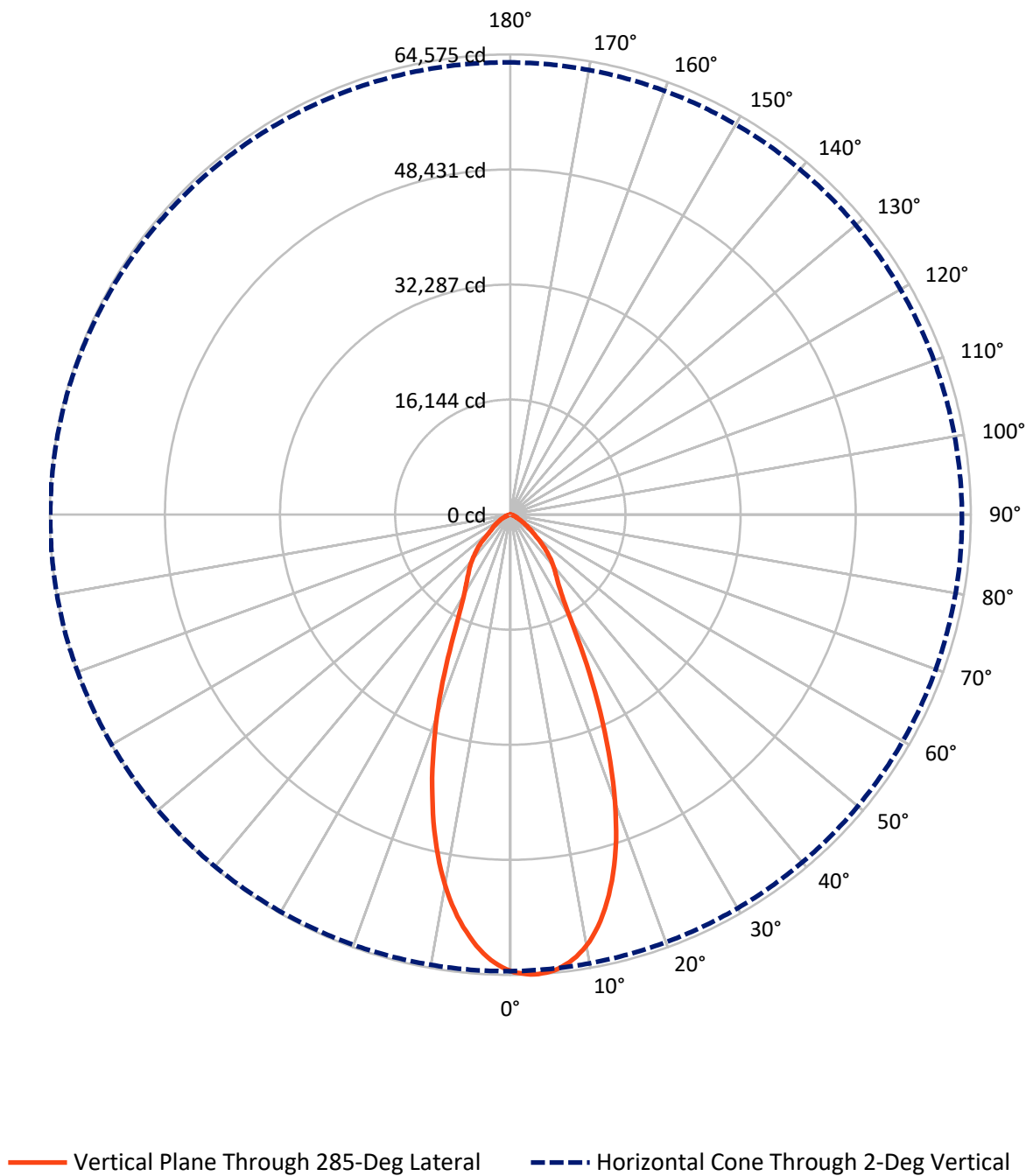


Based on 30 foot mounting height. Maximum calculated value = 71.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23053.1	0.0	23053.1
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	24394.7	0.0	24394.7
	% Fixture	51.4	0.0	51.4
Total	Lumens	47447.7	0.0	47447.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5774.3	12.2
10°-20°	13648.5	28.8
20°-30°	11585.6	24.4
30°-40°	7084.9	14.9
40°-50°	5166.4	10.9
50°-60°	2565.6	5.4
60°-70°	1154.9	2.4
70°-80°	415.1	0.9
80°-90°	52.4	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°	47447.7	100.0
0°-180°	47447.7	100.0

Coefficient of Utilization



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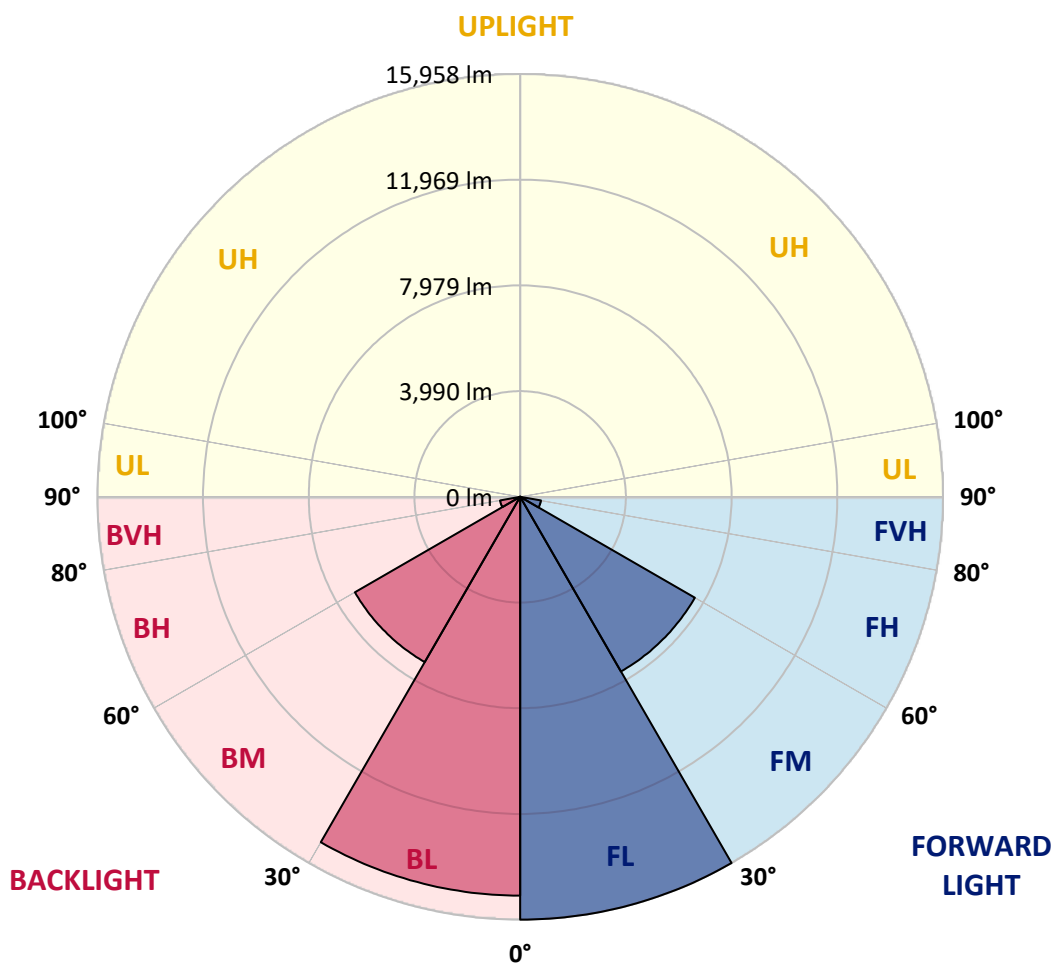
CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	15958.3	33.6			
FM	(30°-60°)	7613.9	16.0			
FH	(60°-80°)	797.5	1.7			G1/1800
FVH	(80°-90°)	24.9	0.1			G1/100
BL	(0°-30°)	15050.1	31.7	B5		
BM	(30°-60°)	7202.9	15.2	B4/8500		
BH	(60°-80°)	772.5	1.6	B2/1000		G1/1800
BVH	(80°-90°)	27.5	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4
1°	64287.0	64191.1	64105.3	64034.6	63964.0	63908.5	63847.9	63782.3	63777.2	63792.4	63832.7
2°	64049.8	63873.1	63752.0	63656.1	63560.2	63439.1	63338.2	63237.2	63201.9	63217.0	63222.1
3°	63605.6	63393.7	63212.0	63070.7	62929.4	62788.0	62636.6	62535.7	62470.1	62465.0	62495.3
4°	62984.9	62692.2	62475.1	62333.8	62152.1	62005.8	61798.9	61672.7	61617.2	61622.2	61662.6
5°	62237.9	61955.3	61687.8	61455.7	61238.7	61067.1	60824.8	60668.4	60612.8	60663.3	60764.3
6°	61435.5	61117.5	60814.7	60501.8	60188.9	59946.7	59669.1	59487.4	59472.3	59608.5	59835.6
7°	60643.1	60279.8	59891.1	59452.1	59013.0	58700.1	58427.6	58240.8	58245.9	58467.9	58846.4
8°	59936.6	59482.4	58952.4	58346.8	57756.3	57342.5	56989.2	56842.8	56933.7	57281.9	57852.2
9°	59209.8	58679.9	57978.4	57160.8	56383.6	55843.6	55424.7	55308.6	55465.0	55974.8	56767.1
10°	58437.6	57806.8	56928.6	55919.3	54950.3	54258.8	53708.7	53633.0	53900.5	54581.8	55535.7
11°	57539.3	56842.8	55783.0	54591.9	53405.9	52507.6	51896.9	51821.2	52230.0	53052.6	54203.3
12°	56464.3	55666.9	54546.5	53133.4	51796.0	50695.8	49924.6	49897.3	50411.1	51407.4	52664.0
13°	55187.5	54334.5	53093.0	51543.6	50031.1	48712.3	47812.0	47816.0	48472.6	49598.6	50943.1
14°	53739.0	52759.9	51412.4	49822.7	48108.2	46616.9	45603.0	45623.7	46413.5	47633.3	49040.9
15°	52139.2	51089.4	49503.7	47920.0	46107.7	44419.5	43269.8	43344.0	44191.9	45516.7	46946.4
16°	50468.6	49190.3	47512.2	45877.0	43928.4	42124.2	40894.7	40944.2	41857.7	43293.0	44706.6
17°	48702.8	47218.5	45400.6	43680.1	41616.4	39720.3	38489.9	38553.5	39460.4	40896.8	42361.9
18°	46864.2	45211.3	43218.3	41366.6	39237.9	37322.6	36104.8	36094.7	36995.0	38429.9	39929.8
19°	44958.5	43121.9	40930.1	38915.4	36785.1	34879.4	33720.6	33697.9	34506.9	35811.0	37388.2
20°	42945.3	40894.2	38543.4	36428.8	34334.8	32499.3	31352.6	31310.8	32010.8	33141.2	34706.8
21°	40704.0	38461.1	36011.4	33908.4	31841.2	30106.6	28968.5	28903.4	29494.4	30449.3	31902.2
22°	38203.8	35948.8	33429.9	31353.1	29384.9	27697.7	26632.3	26528.8	27060.3	27793.6	29094.7
23°	35481.5	33217.0	30781.8	28757.0	26897.8	25320.1	24322.9	24171.5	24599.9	25201.0	26326.0
24°	32593.7	30425.0	28143.8	26210.4	24486.4	23041.0	22117.4	21947.8	22242.0	22692.2	23726.8
25°	29696.3	27716.4	25596.2	23785.9	22183.5	20926.8	20143.0	19885.2	20047.2	20390.8	21319.5
26°	26767.1	25018.3	23113.6	21456.7	20047.2	19025.7	18386.7	18100.6	18080.9	18348.4	19133.2
27°	23938.3	22483.3	20815.3	19323.9	18168.2	17408.2	16903.0	16595.1	16438.1	16573.4	17285.5
28°	21296.8	20130.9	18748.6	17461.6	16520.9	16009.2	15644.8	15310.7	15065.4	15118.9	15706.3
29°	19039.3	18124.3	16977.1	15881.0	15164.3	14829.7	14589.5	14254.9	13933.4	13911.2	14433.0
30°	17175.0	16426.5	15495.4	14550.1	14001.0	13846.6	13711.8	13366.6	13019.9	12933.1	13385.3
31°	15709.9	15104.3	14261.4	13437.3	13034.5	13031.0	12970.4	12642.4	12255.8	12128.1	12556.6
32°	14566.8	14036.8	13242.5	12537.4	12241.2	12342.1	12353.7	12006.0	11621.9	11461.4	11865.7
33°	13689.6	13201.1	12420.3	11771.3	11568.9	11753.6	11809.2	11461.4	11077.9	10881.0	11279.7
34°	12995.2	12538.4	11743.6	11120.8	10972.9	11236.3	11340.3	10980.5	10588.3	10388.0	10789.2
35°	12434.0	11982.8	11174.3	10549.5	10447.0	10756.9	10892.6	10529.3	10134.6	9929.2	10348.6
36°	11967.6	11509.4	10682.7	10031.7	9977.1	10322.4	10467.2	10110.4	9715.7	9512.8	9936.8
37°	11565.4	11082.4	10243.1	9579.5	9547.7	9905.5	10059.9	9723.8	9296.8	9096.0	9551.7
38°	11191.9	10672.1	9839.9	9167.6	9146.4	9498.2	9672.8	9336.7	8877.9	8679.1	9166.6
39°	10811.9	10264.3	9448.2	8766.4	8744.2	9086.4	9285.7	8949.1	8455.0	8249.1	8781.0
40°	10404.1	9856.0	9037.4	8354.6	8343.5	8651.3	8898.1	8532.7	8045.2	7829.2	8365.7
41°	9979.2	9435.1	8603.4	7939.2	7931.1	8211.8	8454.5	8124.4	7611.7	7416.4	7939.2
42°	9520.9	8989.0	8156.2	7520.8	7508.7	7742.4	7989.2	7682.8	7175.6	6998.5	7508.7
43°	9038.4	8516.6	7717.2	7089.3	7082.3	7258.4	7529.4	7261.4	6731.5	6568.5	7077.7
44°	8533.2	8025.0	7266.0	6671.5	6654.8	6790.1	7073.7	6840.0	6285.9	6147.1	6675.0

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CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7983.6	7528.4	6819.8	6256.1	6249.5	6351.5	6639.7	6432.2	5866.0	5746.9	6281.3
46°	7426.5	7041.4	6374.2	5852.8	5851.3	5920.5	6169.8	5984.6	5440.0	5401.7	5912.4
47°	6885.4	6558.4	5939.2	5455.7	5406.7	5448.6	5669.1	5453.6	4912.1	5012.5	5505.1
48°	6380.2	6094.6	5480.4	5007.0	4943.5	5007.0	5197.3	4920.4	4382.3	4536.1	5005.3
49°	5844.3	5579.3	4940.5	4525.7	4525.8	4571.4	4755.4	4402.4	3912.8	4060.8	4451.0
50°	5351.2	5042.2	4486.2	4052.6	4108.3	4201.2	4367.9	3952.4	3420.9	3465.5	3956.7
51°	4964.2	4460.9	4034.9	3579.6	3690.8	3832.7	4055.1	3634.5	3043.4	2994.9	3479.9
52°	4483.7	4058.7	3583.6	3253.6	3371.9	3539.3	3776.9	3395.8	2776.4	2612.5	3141.8
53°	4049.6	3656.8	3228.1	3007.7	3068.2	3224.6	3522.4	3200.7	2543.6	2310.7	2930.5
54°	3616.9	3382.8	2979.6	2842.2	2789.0	2908.9	3234.4	3045.5	2347.9	2019.1	2701.9
55°	3317.1	3031.2	2720.4	2658.5	2571.2	2640.9	2979.0	2856.3	2168.0	1767.8	2446.4
56°	2974.6	2733.3	2501.7	2440.6	2422.1	2436.8	2761.6	2676.2	1998.4	1567.3	2184.7
57°	2645.2	2495.4	2286.3	2251.1	2287.0	2248.0	2540.7	2484.9	1864.3	1431.9	1965.5
58°	2327.3	2266.1	2093.9	2071.7	2101.6	2033.2	2324.2	2345.5	1731.5	1333.1	1771.3
59°	2105.0	2091.5	1928.2	1894.0	1955.7	1852.1	2131.0	2141.6	1568.6	1243.9	1611.7
60°	1883.3	1968.3	1778.1	1731.5	1798.9	1627.3	1968.5	1937.4	1441.6	1163.7	1475.4
61°	1684.0	1797.4	1613.8	1589.8	1631.6	1445.4	1794.9	1800.7	1362.4	1097.1	1348.0
62°	1504.9	1608.8	1463.2	1456.3	1484.3	1338.8	1640.0	1672.3	1261.8	1030.5	1240.1
63°	1355.3	1443.4	1337.0	1335.6	1359.5	1247.0	1521.0	1542.7	1165.3	964.0	1148.1
64°	1213.8	1321.3	1227.8	1229.8	1250.1	1141.6	1396.0	1394.2	1073.8	906.3	1062.1
65°	1093.9	1195.3	1134.7	1133.9	1143.0	1046.2	1272.6	1261.1	982.4	851.7	976.2
66°	993.0	1082.9	1041.9	1042.1	1042.7	960.7	1155.8	1141.2	902.0	796.1	896.6
67°	901.1	981.8	953.3	954.6	946.4	885.5	1038.9	1021.3	823.3	741.5	816.6
68°	815.0	883.3	863.8	865.2	852.3	812.1	922.2	902.0	746.7	689.0	738.5
69°	735.3	791.9	771.9	775.4	763.8	737.6	821.3	804.9	677.7	635.8	673.4
70°	658.0	704.2	689.2	691.5	680.9	667.6	740.6	723.1	615.1	584.1	648.2
71°	589.9	626.5	627.8	614.0	606.5	603.4	712.0	648.4	557.7	532.3	616.0
72°	524.0	556.2	615.4	545.0	538.3	542.6	636.0	578.3	503.5	482.0	553.9
73°	462.4	490.6	551.2	481.8	475.8	483.7	548.4	511.7	449.9	429.6	474.1
74°	408.7	430.8	466.8	426.0	421.2	429.7	470.0	449.6	399.1	380.2	409.9
75°	355.2	370.9	400.2	370.3	366.8	375.8	404.9	390.7	350.5	334.2	354.4
76°	301.6	311.1	333.9	314.5	312.4	321.8	350.1	337.4	304.2	289.8	302.8
77°	256.4	260.2	267.7	264.1	265.7	274.3	301.6	288.0	261.2	247.5	257.2
78°	211.4	210.6	223.4	219.5	224.4	231.4	259.7	242.5	221.2	205.3	216.1
79°	166.7	168.3	184.3	180.3	186.0	191.0	218.5	200.4	184.4	168.6	180.8
80°	129.9	130.8	146.8	145.4	148.9	154.7	177.8	163.1	150.1	136.7	148.0
81°	98.9	99.2	111.1	115.8	120.8	125.4	144.6	134.8	122.6	111.2	119.7
82°	73.6	75.3	85.0	86.8	92.4	98.3	116.8	106.4	95.1	85.8	91.4
83°	52.4	52.9	57.8	60.6	66.8	73.3	89.1	78.2	67.7	60.5	63.2
84°	36.8	37.0	40.7	43.7	49.1	53.9	61.4	57.2	50.2	44.1	43.8
85°	21.2	21.4	23.7	27.2	31.8	36.4	38.8	39.4	33.7	28.9	26.6
86°	5.5	5.8	6.7	10.7	14.6	21.6	20.9	21.2	17.9	15.4	13.7
87°	1.6	1.7	1.8	2.6	4.5	6.9	8.0	8.0	6.9	6.3	5.9
88°	0.8	0.7	0.8	0.8	1.1	1.6	2.0	2.1	2.3	2.4	2.7
89°	0.4	0.4	0.4	0.4	0.4	0.5	0.8	0.8	0.9	1.0	1.0

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



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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: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4	64221.4
1°	63883.2	63989.2	64034.6	64145.7	64221.4	64312.2	64382.9	64418.2	64408.1	64448.5	64463.6
2°	63307.9	63454.2	63600.6	63797.4	64029.6	64236.5	64418.2	64524.2	64574.6	64539.3	64488.8
3°	62596.3	62742.6	62974.8	63267.5	63630.9	63984.2	64337.4	64483.8	64564.5	64498.9	64342.5
4°	61783.7	61965.4	62237.9	62606.4	63121.1	63625.8	64130.5	64357.6	64468.7	64297.1	63999.3
5°	60951.0	61157.9	61440.5	61859.4	62485.2	63151.4	63787.3	64135.6	64246.6	63974.1	63545.1
6°	60118.3	60330.2	60617.9	61112.5	61783.7	62566.0	63333.1	63787.3	63858.0	63540.0	62969.7
7°	59240.1	59548.0	59865.9	60345.4	61036.8	61879.6	62747.7	63272.5	63338.2	62949.5	62323.7
8°	58397.3	58790.9	59144.2	59628.7	60289.8	61132.7	62036.1	62631.6	62712.3	62268.2	61581.8
9°	57493.9	57963.2	58417.5	58902.0	59517.7	60289.8	61193.2	61803.9	61884.7	61445.6	60764.3
10°	56429.0	57009.4	57544.4	58114.6	58659.7	59330.9	60168.7	60809.7	60915.7	60491.7	59961.8
11°	55222.8	55878.9	56529.9	57201.2	57756.3	58240.8	58962.5	59588.3	59739.7	59401.6	59073.6
12°	53804.6	54511.2	55273.3	56141.3	56721.7	57069.9	57604.9	58180.3	58372.0	58190.4	58114.6
13°	52159.3	52901.2	53804.6	54894.7	55560.9	55692.2	56116.1	56630.9	56832.7	56827.7	57039.7
14°	50323.3	51165.1	52129.1	53436.2	54178.1	54238.7	54445.6	54909.9	55137.0	55338.9	55823.4
15°	48366.6	49333.6	50367.7	51775.8	52643.8	52613.6	52659.0	52997.1	53330.2	53713.8	54440.5
16°	46316.1	47474.8	48497.3	49897.3	50791.6	50746.2	50705.9	50902.7	51326.6	51962.5	52865.9
17°	44215.1	45615.6	46648.2	47859.4	48721.9	48742.1	48555.9	48613.9	49159.5	49992.7	50998.6
18°	41971.7	43670.0	44715.7	45705.9	46443.8	46527.6	46225.2	46168.7	46783.9	47911.9	48909.2
19°	39565.9	41508.9	42656.6	43433.3	43957.2	44095.0	43704.8	43562.5	44273.6	45579.8	46550.3
20°	36951.6	39081.4	40320.4	40977.5	41264.7	41471.6	41028.0	40837.7	41579.1	43017.0	44042.5
21°	34152.1	36346.5	37692.0	38256.2	38401.1	38719.0	38229.0	38051.3	38810.4	40317.4	41321.7
22°	31227.5	33426.9	34827.9	35318.0	35466.8	35812.6	35385.6	35231.2	36019.5	37478.0	38488.4
23°	28329.1	30425.5	31831.6	32212.6	32373.6	32833.9	32509.4	32418.5	33178.6	34577.1	35494.6
24°	25490.7	27436.8	28725.2	29173.4	29364.2	29822.9	29636.2	29593.8	30381.1	31625.2	32466.0
25°	22875.9	24521.7	25766.3	26186.2	26362.3	26959.8	26790.8	26820.6	27622.5	28740.4	29445.9
26°	20447.4	21815.6	22907.2	23368.0	23558.3	24038.7	23989.8	24103.3	24880.5	25865.7	26524.8
27°	18375.6	19511.2	20440.3	20877.4	21005.6	21396.2	21390.6	21561.7	22289.0	23162.6	23731.9
28°	16625.4	17538.9	18247.4	18623.9	18710.7	18956.5	19025.7	19238.1	19847.3	20610.4	21146.4
29°	15248.6	16031.9	16546.7	16777.8	16753.6	16862.1	16992.3	17275.4	17754.4	18342.3	18831.4
30°	14166.0	14842.3	15177.4	15233.5	15108.3	15139.6	15349.0	15674.0	16017.7	16391.7	16795.5
31°	13308.1	13944.5	14161.5	14028.3	13788.0	13784.5	14058.5	14412.3	14649.5	14804.5	15151.7
32°	12631.8	13224.3	13322.7	13043.1	12743.3	12707.0	13037.1	13412.5	13569.5	13575.1	13805.2
33°	12077.7	12641.9	12686.8	12266.9	11880.8	11868.2	12218.0	12619.2	12698.9	12571.7	12731.7
34°	11599.7	12180.1	12130.1	11630.0	11198.0	11181.3	11559.8	11971.7	12008.0	11773.3	11874.8
35°	11187.9	11784.4	11658.3	11085.4	10603.0	10607.5	10998.6	11420.0	11429.1	11117.7	11161.6
36°	10809.9	11427.1	11240.4	10600.9	10091.7	10106.3	10513.1	10954.2	10926.5	10552.5	10573.2
37°	10441.0	11077.9	10841.7	10161.4	9671.3	9692.5	10086.2	10524.2	10463.7	10054.9	10060.4
38°	10055.4	10711.0	10449.5	9762.2	9250.4	9279.2	9707.1	10136.6	10037.7	9602.2	9605.7
39°	9655.7	10331.4	10048.3	9363.4	8829.5	8865.3	9328.1	9753.1	9636.5	9175.7	9178.2
40°	9256.0	9928.2	9609.2	8964.2	8401.5	8445.4	8949.1	9353.9	9214.1	8755.8	8759.8
41°	8855.7	9507.8	9170.7	8528.2	7974.0	8025.5	8536.3	8933.5	8783.1	8338.9	8348.5
42°	8384.9	9086.4	8729.6	8059.8	7543.0	7600.1	8103.8	8493.4	8321.8	7907.4	7926.1
43°	7924.1	8619.5	8227.4	7589.5	7100.9	7173.1	7661.6	8016.9	7831.7	7478.4	7492.6
44°	7468.9	8145.1	7729.8	7096.9	6646.7	6734.5	7218.0	7534.5	7316.4	7030.3	7061.1

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	7037.3	7685.9	7233.2	6616.9	6190.0	6263.2	6765.8	7062.6	6793.1	6578.1	6628.6
46°	6614.4	7242.3	6783.0	6170.8	5762.5	5807.4	6326.2	6606.3	6276.3	6111.8	6206.1
47°	6148.6	6741.6	6322.7	5772.6	5365.8	5369.4	5891.2	6189.0	5816.5	5666.1	5800.4
48°	5615.6	6223.8	5775.1	5281.0	4926.9	4900.2	5420.3	5736.8	5339.6	5246.2	5407.2
49°	5134.2	5752.4	5241.7	4721.4	4372.4	4337.3	4907.4	5269.4	4856.0	4807.3	4943.5
50°	4727.2	5433.0	4844.9	4219.9	3782.3	3839.0	4363.1	4784.2	4488.0	4365.6	4500.5
51°	4351.4	5026.6	4553.2	3807.3	3238.8	3407.4	3880.9	4432.9	4120.5	3923.8	3979.7
52°	4050.6	4609.6	4213.6	3354.4	2753.6	2955.0	3514.0	4082.8	3753.1	3482.1	3456.8
53°	3872.4	4371.2	4024.2	3131.7	2474.9	2664.6	3276.0	3732.8	3445.6	3161.8	3150.8
54°	3648.5	4151.0	3824.3	2878.0	2185.0	2451.4	3103.3	3421.0	3139.3	2903.8	2916.4
55°	3418.6	3863.5	3516.0	2605.6	1900.8	2258.1	2964.0	3137.2	2850.7	2685.9	2697.0
56°	3094.5	3537.7	3183.4	2348.6	1666.8	2099.2	2815.5	2904.2	2604.1	2517.2	2499.8
57°	2787.6	3196.6	2878.6	2105.1	1508.2	1971.0	2619.8	2652.3	2354.2	2361.0	2309.0
58°	2561.4	2902.9	2607.2	1887.0	1399.9	1852.8	2427.7	2418.3	2099.6	2145.5	2135.1
59°	2318.9	2667.0	2355.0	1718.2	1305.1	1690.0	2299.0	2235.5	1959.6	1968.3	1969.8
60°	2064.6	2411.0	2106.8	1591.2	1220.7	1525.0	2104.3	2047.9	1768.4	1854.7	1817.9
61°	1856.9	2144.9	1879.0	1439.5	1142.2	1400.2	1889.9	1851.4	1556.4	1701.9	1673.5
62°	1678.3	1911.4	1672.4	1294.8	1072.4	1302.9	1730.2	1707.0	1403.0	1546.6	1535.9
63°	1509.4	1697.0	1505.0	1178.4	1002.8	1206.8	1605.6	1579.9	1270.7	1399.1	1411.8
64°	1380.7	1514.8	1357.8	1084.1	943.0	1116.5	1461.9	1451.2	1156.9	1275.4	1294.4
65°	1255.1	1349.6	1232.7	989.9	886.5	1026.2	1328.4	1331.0	1066.3	1170.8	1186.5
66°	1139.0	1213.4	1122.6	914.2	830.6	936.1	1206.9	1217.3	982.9	1071.1	1088.6
67°	1022.9	1077.2	1012.5	839.5	774.7	858.8	1089.8	1106.9	909.1	977.6	996.6
68°	907.4	941.4	902.3	764.6	719.7	790.3	973.3	1000.1	837.3	887.0	903.8
69°	806.8	824.8	804.1	693.9	667.0	721.2	876.3	899.3	767.4	798.9	810.5
70°	706.7	723.9	713.7	637.0	615.4	654.6	785.1	803.8	699.4	715.6	723.3
71°	619.6	636.8	630.9	598.4	563.0	592.0	704.8	719.7	633.2	634.8	644.1
72°	541.5	558.6	556.5	570.8	511.4	535.3	630.6	663.3	572.3	565.2	573.3
73°	470.8	484.9	486.8	504.5	459.4	481.6	560.9	608.2	514.1	501.3	507.5
74°	404.3	418.1	420.6	428.9	407.9	429.0	494.7	524.4	458.5	446.0	451.1
75°	344.7	358.3	359.1	367.7	358.9	379.0	431.5	446.9	406.3	390.9	392.2
76°	293.2	305.1	305.9	312.8	312.7	331.6	370.6	385.0	354.1	335.8	333.2
77°	247.2	258.2	258.3	266.3	268.3	285.7	318.0	323.2	301.9	287.3	282.9
78°	205.4	216.3	214.9	225.3	224.8	241.9	269.6	274.7	256.3	243.6	236.4
79°	168.5	178.5	176.2	190.0	186.0	204.3	226.4	232.1	215.5	205.4	196.1
80°	135.7	144.5	142.0	156.1	151.9	168.8	186.1	190.1	176.0	167.6	160.1
81°	112.0	119.8	117.0	127.4	124.7	138.6	150.6	153.8	140.0	134.1	127.9
82°	88.4	95.2	92.1	98.7	97.4	108.5	123.3	123.7	111.1	105.2	97.0
83°	65.0	70.5	67.5	70.1	70.4	78.7	96.0	96.3	83.7	78.0	69.0
84°	52.3	57.2	54.8	50.5	56.0	61.3	68.7	70.0	63.7	57.7	47.2
85°	37.5	40.8	39.6	31.7	40.3	45.4	50.1	46.5	47.6	41.5	31.7
86°	19.3	20.8	22.0	17.0	23.3	28.4	31.2	29.7	30.5	25.2	16.4
87°	6.6	6.9	7.8	7.4	9.8	11.8	14.0	13.0	13.4	9.0	5.0
88°	3.1	3.1	3.3	3.2	3.4	4.1	4.7	3.8	3.9	2.4	1.3
89°	1.1	1.1	1.2	1.4	1.5	1.5	1.4	1.0	1.0	0.7	0.5

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440387
CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	64221.4	64221.4	64221.4
1°	64387.9	64362.7	64287.0
2°	64342.5	64191.1	64049.8
3°	64080.0	63827.7	63605.6
4°	63610.7	63252.4	62984.9
5°	63015.2	62550.8	62237.9
6°	62343.9	61803.9	61435.5
7°	61607.1	61046.9	60643.1
8°	60855.1	60310.0	59936.6
9°	60148.5	59613.6	59209.8
10°	59416.7	58896.9	58437.6
11°	58644.6	58099.5	57539.3
12°	57827.0	57175.9	56464.3
13°	56827.7	56010.1	55187.5
14°	55646.7	54672.7	53739.0
15°	54233.6	53163.7	52139.2
16°	52638.8	51538.6	50468.6
17°	50887.5	49803.5	48702.8
18°	48927.8	47979.0	46864.2
19°	46810.7	46099.1	44958.5
20°	44527.5	44132.3	42945.3
21°	42040.4	41935.9	40704.0
22°	39400.9	39473.0	38203.8
23°	36479.7	36769.4	35481.5
24°	33456.2	33814.0	32593.7
25°	30425.5	30810.6	29696.3
26°	27403.5	27740.1	26767.1
27°	24520.2	24781.1	23938.3
28°	21808.5	21969.0	21296.8
29°	19370.9	19484.4	19039.3
30°	17281.0	17387.0	17175.0
31°	15590.3	15783.6	15709.9
32°	14253.9	14533.5	14566.8
33°	13197.6	13572.5	13689.6
34°	12362.3	12833.7	12995.2
35°	11677.9	12233.1	12434.0
36°	11129.3	11753.1	11967.6
37°	10656.0	11338.8	11565.4
38°	10216.4	10955.2	11191.9
39°	9789.9	10561.1	10811.9
40°	9368.0	10139.7	10404.1
41°	8939.5	9708.7	9979.2
42°	8481.3	9261.0	9520.9
43°	8040.7	8805.3	9038.4
44°	7599.1	8319.3	8533.2

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7147.4	7816.1	7983.6
46°	6694.7	7302.8	7426.5
47°	6235.4	6802.7	6885.4
48°	5794.3	6305.0	6380.2
49°	5329.0	5777.1	5844.3
50°	4786.3	5238.1	5351.2
51°	4332.7	4654.5	4964.2
52°	3880.3	4242.6	4483.7
53°	3427.9	3835.5	4049.6
54°	3122.9	3428.3	3616.9
55°	2873.2	3176.7	3317.1
56°	2691.1	2928.3	2974.6
57°	2470.7	2638.6	2645.2
58°	2258.0	2385.2	2327.3
59°	2066.7	2172.8	2105.0
60°	1890.4	1941.6	1883.3
61°	1736.0	1737.8	1684.0
62°	1579.6	1582.1	1504.9
63°	1428.7	1436.2	1355.3
64°	1298.4	1303.7	1213.8
65°	1183.4	1179.0	1093.9
66°	1069.4	1068.7	993.0
67°	958.2	975.8	901.1
68°	859.5	885.2	815.0
69°	766.8	798.9	735.3
70°	687.9	715.4	658.0
71°	616.7	639.4	589.9
72°	565.7	570.1	524.0
73°	541.0	501.9	462.4
74°	480.6	442.2	408.7
75°	401.7	382.7	355.2
76°	334.7	323.1	301.6
77°	288.4	271.7	256.4
78°	242.1	223.5	211.4
79°	195.9	179.1	166.7
80°	157.3	139.6	129.9
81°	120.3	105.0	98.9
82°	90.0	77.0	73.6
83°	64.2	56.2	52.4
84°	45.9	39.9	36.8
85°	27.7	23.7	21.2
86°	9.5	7.5	5.5
87°	2.4	1.9	1.6
88°	1.0	0.9	0.8
89°	0.4	0.4	0.4

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440387

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)