

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: P1440370

Luminaire Tested: XSF200-SFTR-6Hx6V-840-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440370
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-840-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13206.3 lumens
Efficiency: N/A
Efficacy: 163.0 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G0

Input Watts (W): 81
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

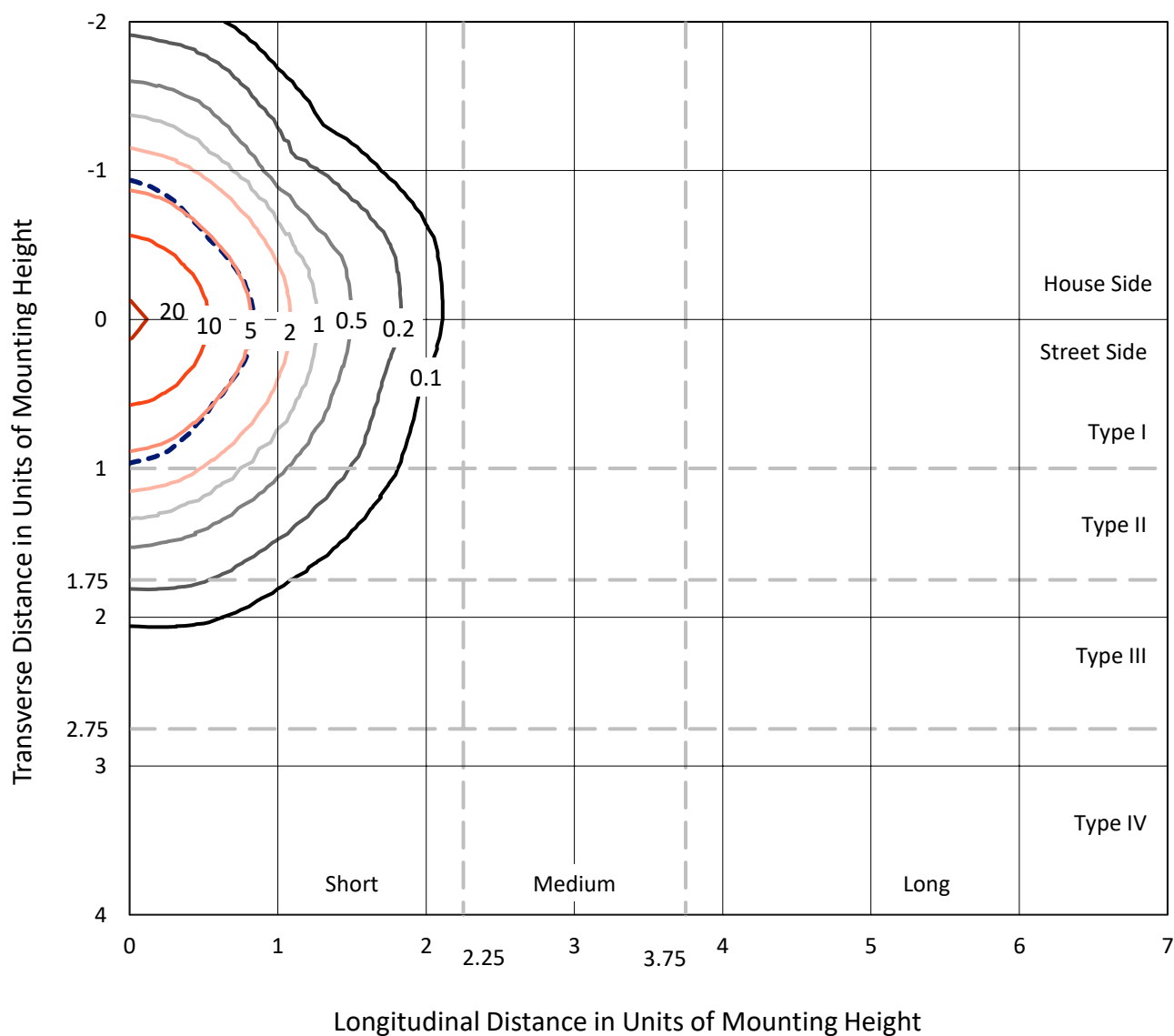
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



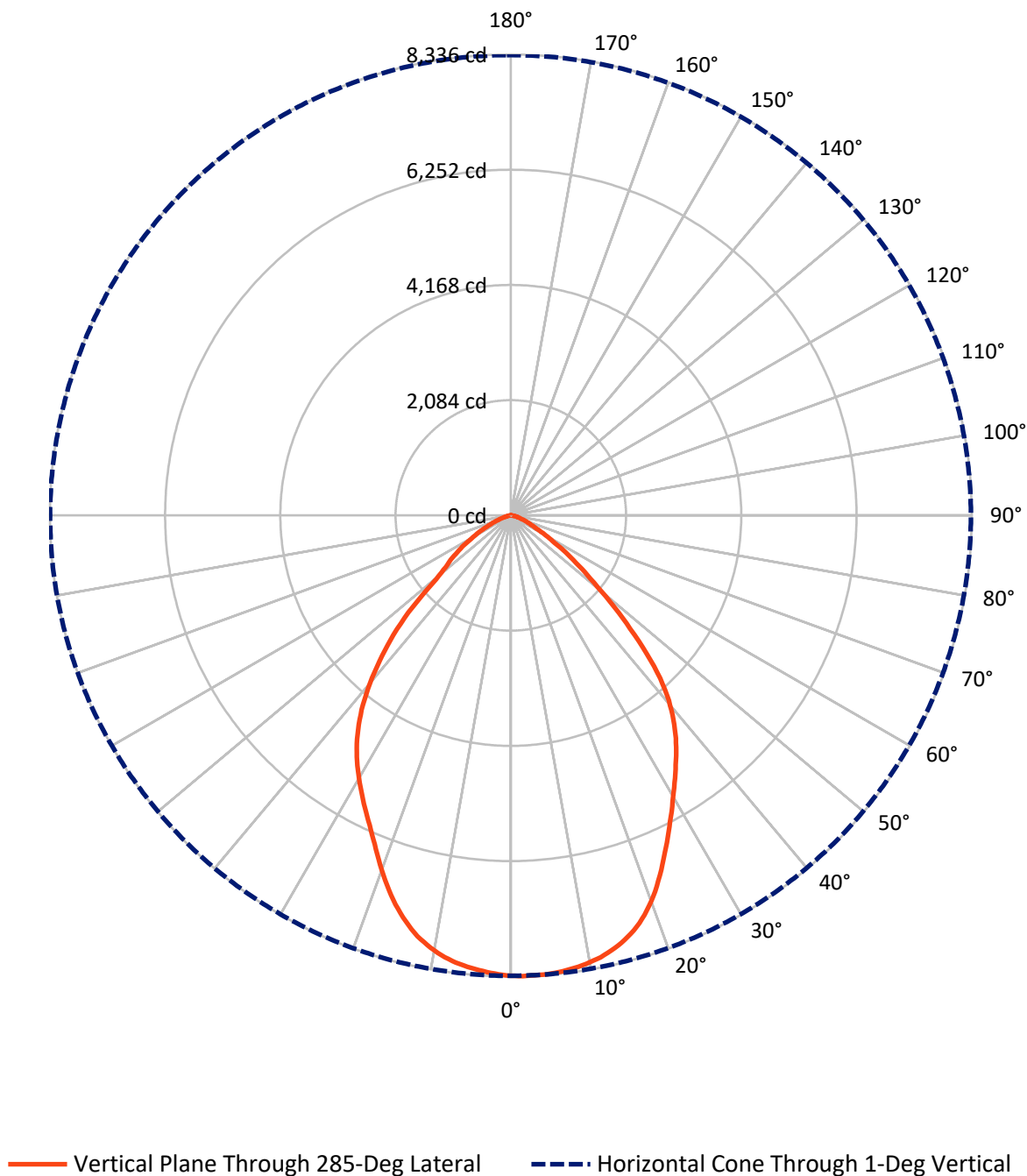
Based on 20 foot mounting height. Maximum calculated value = 20.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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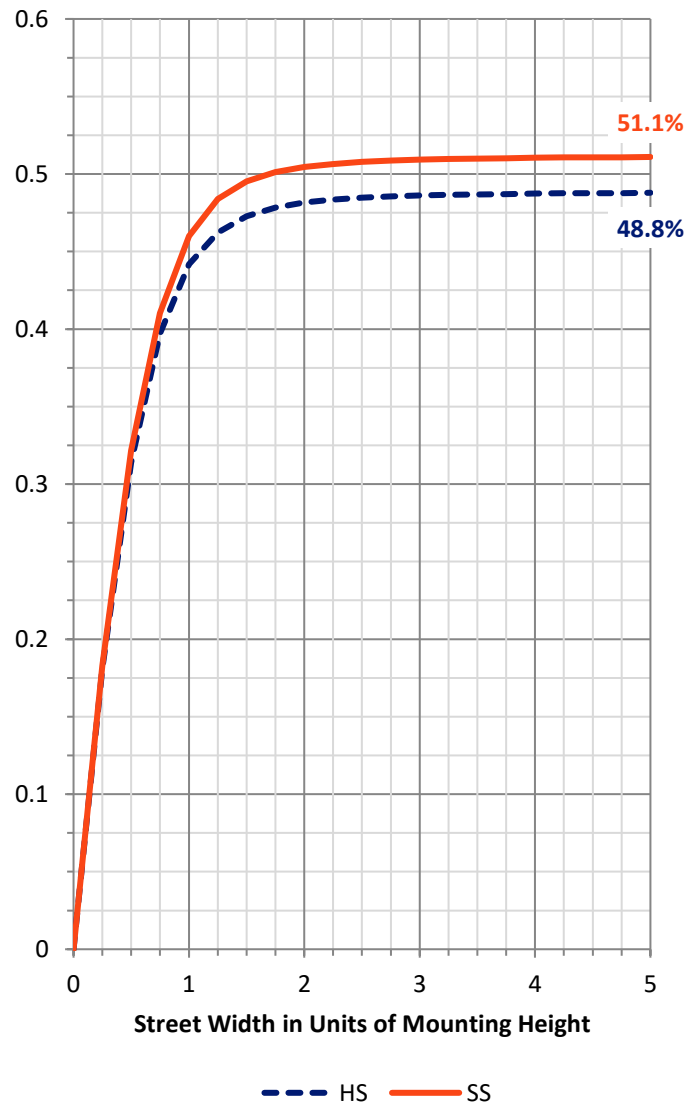
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6483.8	0.0	6483.8
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	6722.5	0.0	6722.5
	% Fixture	50.9	0.0	50.9
Total	Lumens	13206.3	0.0	13206.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	784.8	5.9
10°-20°	2176.6	16.5
20°-30°	2942.2	22.3
30°-40°	3132.2	23.7
40°-50°	2440.0	18.5
50°-60°	1123.2	8.5
60°-70°	450.6	3.4
70°-80°	140.0	1.1
80°-90°	16.7	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°	13206.3	100.0
0°-180°	13206.3	100.0

Coefficient of Utilization



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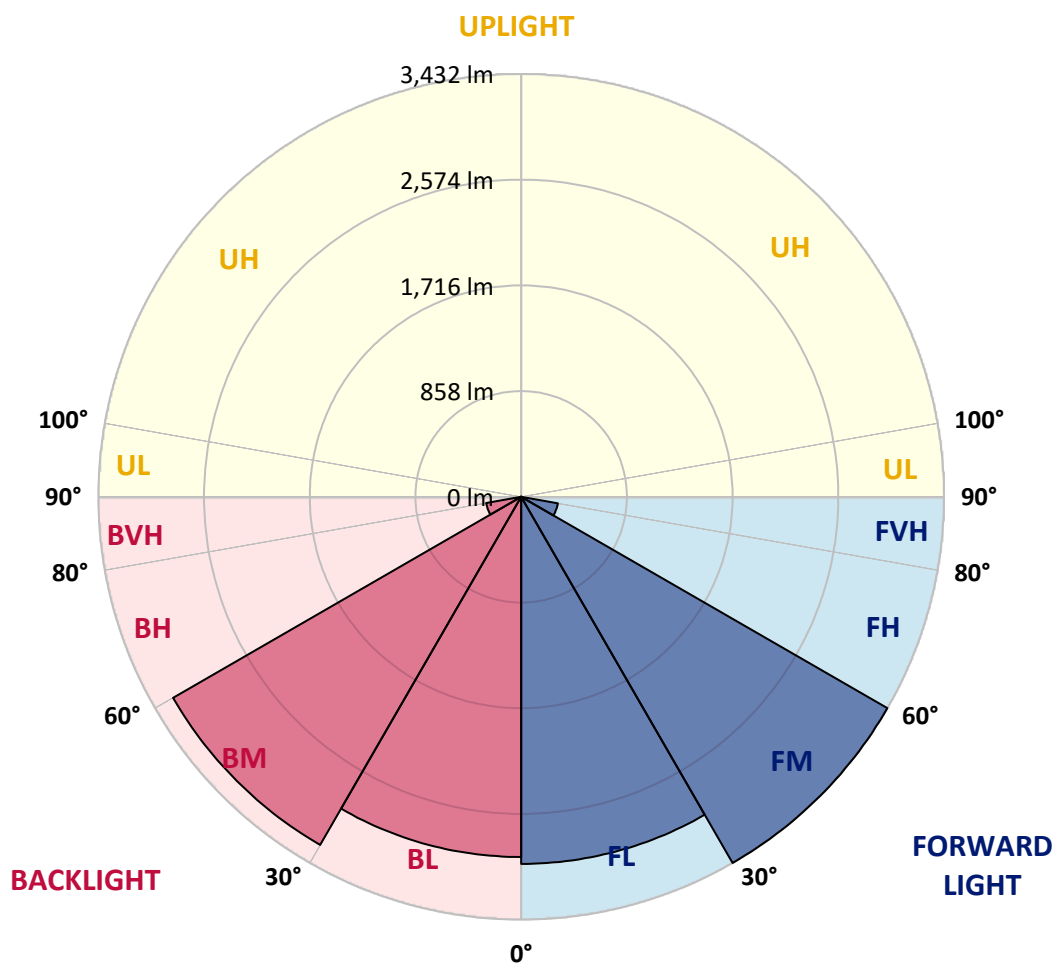
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2979.9	22.6			
FM	(30°-60°)	3432.3	26.0			
FH	(60°-80°)	302.2	2.3			G0/660
FVH	(80°-90°)	8.0	0.1			G0/10
BL	(0°-30°)	2923.7	22.1	B4/5000		
BM	(30°-60°)	3263.1	24.7	B3/5000		
BH	(60°-80°)	288.4	2.2	B1/500		G0/660
BVH	(80°-90°)	8.6	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0
1°	8326.0	8325.5	8324.5	8323.7	8318.8	8319.2	8320.4	8319.1	8321.4	8320.7	8322.9
2°	8324.1	8320.2	8315.5	8314.6	8312.6	8307.0	8305.4	8300.9	8304.3	8308.9	8311.2
3°	8318.8	8313.0	8306.9	8300.7	8294.3	8289.8	8281.9	8283.6	8286.1	8291.4	8295.6
4°	8306.6	8298.1	8289.4	8282.1	8273.3	8265.3	8260.4	8256.1	8261.4	8267.3	8271.2
5°	8290.7	8278.2	8270.0	8255.5	8244.6	8237.2	8230.3	8228.6	8230.4	8235.5	8244.3
6°	8269.3	8255.7	8238.2	8225.8	8213.7	8205.6	8200.0	8199.9	8198.0	8202.0	8215.7
7°	8241.6	8227.9	8211.1	8193.4	8179.5	8169.9	8168.9	8166.2	8165.9	8170.1	8183.4
8°	8219.3	8199.6	8178.1	8160.2	8141.1	8129.8	8128.2	8126.0	8128.9	8135.3	8148.8
9°	8190.6	8165.8	8142.7	8122.6	8098.5	8085.9	8077.5	8077.3	8080.1	8089.0	8109.0
10°	8155.9	8129.3	8101.6	8075.8	8050.0	8032.8	8019.5	8020.6	8028.8	8038.1	8055.6
11°	8115.6	8082.9	8050.4	8020.8	7995.4	7973.4	7955.8	7953.8	7963.8	7980.3	7999.8
12°	8064.5	8029.5	7994.7	7958.8	7931.5	7903.1	7883.1	7876.9	7891.5	7910.6	7935.3
13°	8007.4	7970.4	7932.0	7891.1	7854.4	7823.5	7798.2	7798.0	7809.9	7832.4	7858.5
14°	7944.3	7901.0	7857.7	7814.1	7772.3	7733.3	7699.5	7697.3	7713.1	7742.5	7767.5
15°	7869.7	7821.7	7774.4	7728.2	7678.1	7629.5	7589.5	7584.2	7605.0	7641.4	7665.6
16°	7781.0	7726.9	7675.4	7629.9	7570.0	7516.6	7469.7	7465.6	7486.6	7523.7	7550.8
17°	7678.5	7625.9	7565.5	7518.1	7447.9	7389.7	7340.1	7337.6	7357.4	7393.6	7426.3
18°	7568.8	7510.0	7449.1	7389.6	7313.1	7256.5	7199.5	7198.2	7219.3	7253.7	7289.9
19°	7448.2	7383.7	7324.4	7253.7	7173.6	7113.0	7055.8	7052.4	7069.7	7105.4	7147.5
20°	7322.1	7256.9	7186.8	7102.6	7022.8	6961.0	6909.2	6899.9	6912.5	6944.9	6997.4
21°	7193.6	7121.5	7048.1	6947.1	6862.9	6807.3	6762.2	6745.7	6742.7	6778.0	6829.9
22°	7059.8	6976.8	6889.6	6779.7	6693.2	6651.9	6611.1	6586.8	6574.9	6608.2	6663.3
23°	6915.8	6822.9	6722.6	6604.3	6521.6	6499.2	6469.6	6435.6	6403.2	6423.9	6486.7
24°	6771.8	6674.9	6556.1	6428.8	6352.9	6353.9	6340.6	6293.7	6239.6	6242.2	6324.9
25°	6637.6	6538.2	6397.4	6257.1	6189.0	6217.6	6223.0	6157.1	6077.0	6063.6	6166.2
26°	6515.7	6408.8	6241.5	6086.4	6027.0	6087.6	6108.5	6030.9	5922.5	5899.0	6009.7
27°	6400.7	6285.1	6091.6	5918.2	5874.3	5962.2	5995.1	5909.1	5775.5	5731.6	5855.5
28°	6288.8	6161.3	5940.4	5755.5	5728.1	5839.6	5884.2	5790.2	5628.2	5571.0	5708.6
29°	6188.1	6041.8	5799.6	5599.1	5581.7	5719.4	5775.5	5670.5	5486.3	5412.8	5562.1
30°	6094.6	5928.2	5657.0	5443.0	5434.7	5600.4	5668.6	5552.2	5347.5	5258.4	5418.5
31°	5997.1	5814.5	5516.5	5291.9	5295.2	5480.9	5556.5	5431.3	5217.4	5114.4	5281.0
32°	5902.5	5706.2	5378.6	5148.0	5157.3	5363.1	5439.9	5308.8	5089.8	4970.9	5147.7
33°	5814.8	5603.8	5242.4	5003.4	5023.2	5235.9	5319.1	5182.1	4960.3	4831.6	5016.2
34°	5727.3	5504.0	5112.7	4860.6	4883.4	5108.1	5190.5	5048.2	4827.7	4691.1	4884.2
35°	5637.4	5404.6	4981.5	4712.4	4738.4	4969.2	5053.3	4903.8	4682.6	4547.2	4748.3
36°	5546.6	5300.6	4851.0	4557.4	4596.4	4823.4	4901.0	4753.6	4522.7	4393.5	4604.0
37°	5448.6	5186.2	4715.3	4405.4	4450.0	4674.1	4741.7	4596.8	4353.7	4221.4	4447.5
38°	5338.5	5051.5	4578.3	4260.2	4299.4	4510.1	4574.6	4430.0	4171.9	4036.5	4275.9
39°	5204.9	4899.7	4428.7	4104.2	4137.9	4336.7	4397.3	4248.5	3985.9	3847.6	4099.0
40°	5040.1	4735.4	4256.5	3935.1	3963.5	4142.5	4209.7	4057.8	3795.4	3657.6	3906.0
41°	4863.0	4554.7	4064.0	3752.9	3778.6	3936.9	3998.8	3865.5	3596.0	3463.5	3703.6
42°	4653.5	4353.0	3858.2	3559.9	3578.8	3709.9	3771.0	3652.1	3381.9	3261.4	3491.5
43°	4421.7	4133.7	3646.4	3356.7	3376.7	3471.3	3541.4	3444.9	3164.6	3048.9	3278.8
44°	4179.3	3891.6	3432.0	3150.4	3168.2	3237.5	3316.6	3232.2	2956.7	2862.0	3080.1

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3905.5	3643.8	3209.8	2943.2	2964.5	3018.5	3098.5	3032.8	2748.7	2675.0	2895.6
46°	3625.9	3395.4	2987.8	2743.8	2767.0	2802.5	2861.7	2791.6	2539.3	2487.9	2711.0
47°	3352.2	3155.0	2768.3	2548.6	2544.7	2557.4	2625.1	2549.6	2266.1	2292.6	2524.5
48°	3091.6	2919.1	2536.9	2321.4	2308.0	2328.6	2388.4	2279.0	1996.9	2050.4	2274.2
49°	2816.8	2659.2	2263.9	2071.4	2074.7	2107.6	2164.0	2006.3	1756.1	1807.3	1996.7
50°	2560.1	2383.8	1988.3	1802.8	1856.3	1890.7	1973.8	1777.7	1500.1	1500.5	1748.5
51°	2363.3	2096.4	1759.1	1580.4	1667.7	1729.2	1824.6	1623.0	1310.4	1259.9	1509.2
52°	2134.8	1830.9	1579.2	1419.1	1502.6	1584.5	1690.7	1507.4	1176.5	1069.7	1347.6
53°	1825.3	1665.4	1407.1	1326.8	1353.0	1431.7	1569.9	1417.1	1062.8	922.4	1253.0
54°	1662.0	1539.6	1294.7	1235.1	1248.2	1303.5	1429.9	1348.3	969.6	780.8	1149.3
55°	1516.4	1366.4	1183.2	1143.4	1143.5	1175.3	1310.0	1259.2	884.4	661.6	1027.0
56°	1339.8	1238.1	1071.8	1039.3	1038.7	1047.2	1205.5	1171.2	805.3	564.2	899.0
57°	1178.5	1111.2	969.8	952.6	977.8	958.0	1098.0	1082.2	745.1	507.0	795.9
58°	1017.3	984.3	881.2	870.9	889.4	852.5	993.6	1019.5	685.2	467.7	704.2
59°	904.1	903.1	806.2	790.4	820.3	764.6	900.2	919.8	607.8	434.5	632.4
60°	797.3	849.2	738.1	716.6	748.1	655.4	825.2	820.5	551.6	403.9	570.4
61°	698.0	769.0	662.1	652.0	671.4	563.7	740.9	756.9	519.9	377.4	514.6
62°	613.1	676.9	594.0	591.3	600.5	516.0	666.6	696.9	476.5	353.6	466.2
63°	544.3	595.6	533.1	535.0	542.3	475.4	608.6	634.8	433.1	331.4	424.5
64°	476.6	537.1	483.1	487.2	493.1	427.9	546.9	564.4	393.5	309.9	387.3
65°	421.6	479.5	440.3	444.8	445.4	385.3	488.5	501.1	357.6	288.4	351.1
66°	376.9	427.3	397.7	404.7	401.9	348.8	432.0	442.0	325.8	267.3	319.8
67°	337.6	380.6	357.9	365.8	360.3	316.5	378.8	387.4	294.0	246.9	288.5
68°	302.5	336.4	320.5	326.4	320.0	286.3	336.0	345.0	262.2	227.8	257.2
69°	269.3	294.8	283.9	287.8	283.0	256.8	293.1	302.6	237.9	209.1	230.2
70°	239.0	257.5	248.3	252.9	250.5	229.6	250.6	260.6	216.1	191.6	206.7
71°	211.7	225.7	217.2	220.8	221.4	205.4	221.2	231.8	196.0	174.7	183.6
72°	186.4	197.7	189.2	194.6	195.0	183.4	195.1	204.9	176.2	157.8	162.3
73°	161.9	171.1	163.6	170.9	171.7	162.6	171.3	179.3	157.3	141.2	142.6
74°	140.6	147.7	140.8	149.8	149.7	143.4	148.8	156.2	139.3	125.4	124.6
75°	122.0	127.5	121.4	130.6	131.1	125.7	128.2	133.8	121.8	110.0	106.8
76°	103.5	107.3	102.0	111.1	111.8	107.9	109.0	113.4	105.2	95.7	89.8
77°	84.9	87.1	82.6	91.5	92.5	90.2	92.6	96.5	90.3	82.1	75.4
78°	68.8	69.3	68.0	75.4	78.1	76.5	78.5	81.2	76.4	68.3	62.8
79°	53.0	54.7	55.4	62.1	64.6	63.3	65.0	67.2	63.7	56.3	52.1
80°	40.2	42.2	43.8	50.5	51.6	51.5	51.9	55.0	52.1	46.4	42.7
81°	30.1	31.7	33.2	40.6	42.4	42.4	42.2	44.7	41.4	37.7	34.7
82°	22.4	24.9	26.2	30.9	32.9	33.9	34.2	35.8	33.0	28.9	26.6
83°	15.9	17.2	17.7	21.4	23.2	25.0	26.1	27.0	24.6	20.2	18.6
84°	10.3	12.0	12.4	13.0	15.5	17.1	18.1	18.1	16.2	13.8	12.6
85°	4.7	6.8	7.2	8.0	9.9	12.2	11.6	11.7	10.5	8.7	7.9
86°	1.5	1.6	2.1	3.2	4.4	7.3	6.5	6.4	5.7	4.7	4.3
87°	0.5	0.5	0.6	0.9	1.4	2.3	2.3	2.6	2.4	1.9	1.9
88°	0.2	0.2	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.7	0.8
89°	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3

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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: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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



REPORT NUMBER: P1440370
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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: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0	8328.0
1°	8324.5	8325.4	8327.8	8329.3	8328.8	8331.3	8328.8	8332.1	8335.6	8330.7	8330.7
2°	8317.6	8317.9	8320.5	8323.4	8327.0	8328.3	8329.4	8332.3	8329.8	8329.8	8329.0
3°	8301.6	8304.9	8310.2	8317.9	8323.1	8322.5	8328.8	8333.1	8326.4	8327.5	8326.0
4°	8278.2	8284.7	8291.1	8302.3	8309.6	8314.1	8319.8	8321.9	8323.5	8320.2	8323.5
5°	8252.2	8263.4	8275.3	8283.8	8293.7	8301.3	8309.0	8317.4	8314.1	8314.5	8316.9
6°	8226.9	8237.6	8250.2	8260.4	8274.8	8282.6	8290.4	8295.1	8296.6	8302.0	8304.3
7°	8197.6	8213.2	8227.7	8236.9	8249.1	8257.1	8265.1	8272.5	8275.6	8278.8	8281.9
8°	8165.5	8182.4	8196.9	8209.2	8223.6	8230.9	8237.8	8247.2	8252.0	8256.4	8253.1
9°	8123.7	8143.4	8161.5	8174.6	8190.6	8199.3	8205.9	8216.2	8224.0	8225.4	8222.0
10°	8075.4	8095.8	8116.0	8132.8	8152.7	8161.7	8172.2	8184.5	8188.3	8193.6	8193.1
11°	8018.9	8037.2	8057.3	8082.3	8107.0	8122.3	8133.5	8146.7	8154.6	8156.0	8159.6
12°	7955.1	7971.0	7997.9	8023.3	8047.1	8073.0	8087.7	8095.9	8103.2	8112.3	8116.8
13°	7875.9	7898.4	7925.8	7959.1	7984.8	8013.7	8024.5	8037.1	8047.6	8059.2	8066.2
14°	7786.3	7814.4	7842.2	7881.9	7915.1	7937.4	7955.5	7970.3	7985.0	8001.8	8011.6
15°	7685.0	7714.5	7747.4	7794.3	7835.9	7860.0	7872.9	7892.7	7909.9	7932.4	7945.9
16°	7575.0	7603.8	7642.1	7692.5	7740.2	7763.3	7781.0	7802.6	7828.0	7855.7	7867.6
17°	7452.8	7484.9	7527.1	7581.6	7631.5	7652.3	7675.5	7698.9	7730.0	7763.7	7783.8
18°	7321.4	7360.9	7407.8	7461.6	7507.0	7531.0	7550.9	7580.3	7617.3	7664.3	7685.1
19°	7184.0	7229.5	7279.4	7332.5	7370.9	7394.0	7413.6	7448.1	7491.7	7545.3	7571.4
20°	7034.7	7082.1	7137.7	7192.6	7220.7	7241.7	7264.9	7303.2	7355.0	7413.5	7448.8
21°	6876.0	6926.3	6981.7	7040.9	7064.6	7077.5	7100.3	7151.0	7205.8	7267.2	7311.2
22°	6726.5	6789.0	6837.5	6877.5	6891.9	6897.6	6933.9	6987.3	7042.2	7109.3	7162.1
23°	6580.5	6664.1	6708.6	6720.5	6712.2	6710.6	6755.9	6821.9	6879.7	6939.6	6999.0
24°	6445.3	6548.4	6588.4	6571.5	6523.6	6516.7	6576.6	6657.7	6715.3	6762.8	6820.9
25°	6328.2	6446.3	6472.9	6420.6	6336.8	6326.1	6395.9	6488.6	6554.8	6583.5	6640.6
26°	6211.1	6347.3	6365.8	6272.3	6151.2	6142.9	6223.5	6334.8	6396.4	6407.4	6462.0
27°	6094.7	6255.2	6257.8	6128.2	5972.0	5962.2	6063.0	6183.1	6241.7	6234.3	6278.6
28°	5977.7	6164.6	6152.4	5984.6	5804.3	5790.8	5910.2	6047.1	6093.6	6063.6	6092.3
29°	5866.5	6073.2	6046.5	5842.0	5639.7	5623.0	5760.4	5911.0	5944.3	5899.2	5915.7
30°	5762.3	5981.7	5942.3	5696.3	5475.6	5461.8	5620.6	5776.6	5804.2	5736.6	5736.5
31°	5656.0	5889.9	5838.9	5553.2	5316.4	5306.3	5483.8	5649.8	5670.6	5576.5	5565.6
32°	5552.6	5798.9	5739.3	5411.6	5162.3	5158.9	5349.5	5523.9	5538.7	5417.2	5398.3
33°	5447.6	5709.2	5634.8	5273.8	5014.2	5021.1	5216.4	5403.9	5405.2	5258.7	5238.8
34°	5339.6	5623.4	5525.3	5139.7	4868.3	4885.1	5087.5	5281.8	5279.7	5103.3	5078.6
35°	5227.0	5537.0	5413.3	5002.0	4723.6	4746.9	4952.9	5155.5	5150.9	4946.8	4920.2
36°	5108.4	5439.3	5292.0	4855.4	4576.8	4607.9	4814.8	5028.0	5016.3	4792.6	4764.3
37°	4976.6	5321.7	5158.5	4709.3	4425.7	4461.9	4679.0	4898.0	4874.8	4639.7	4610.6
38°	4823.6	5181.7	5010.3	4550.4	4267.8	4307.1	4539.6	4760.6	4724.8	4481.2	4457.4
39°	4650.8	5023.1	4841.9	4377.1	4102.3	4141.0	4390.2	4615.6	4568.0	4317.4	4296.6
40°	4456.9	4840.8	4651.3	4189.2	3920.9	3963.5	4223.9	4451.1	4398.9	4149.5	4134.6
41°	4248.6	4640.1	4434.3	3988.9	3730.4	3777.3	4041.9	4262.1	4207.4	3968.5	3960.6
42°	4023.0	4418.0	4194.4	3767.7	3530.9	3582.0	3844.9	4054.7	3996.0	3778.2	3772.2
43°	3791.2	4178.9	3944.1	3531.9	3320.8	3380.5	3633.0	3826.2	3761.5	3578.2	3565.3
44°	3569.8	3946.7	3696.7	3292.5	3096.3	3166.3	3417.2	3589.0	3507.7	3362.3	3354.9

REPORT NUMBER: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3348.5	3716.1	3448.3	3057.0	2890.1	2946.9	3192.3	3350.6	3246.5	3137.7	3142.2
46°	3141.0	3496.6	3220.5	2842.1	2683.7	2727.6	2976.7	3117.7	2979.0	2906.0	2931.8
47°	2898.0	3237.8	2966.3	2627.2	2477.5	2508.2	2761.0	2906.7	2746.4	2681.6	2729.0
48°	2654.9	3023.5	2712.0	2410.2	2256.5	2269.2	2544.6	2673.3	2504.7	2472.7	2532.3
49°	2412.1	2809.4	2459.0	2120.5	1965.7	1978.5	2276.0	2437.5	2256.8	2249.0	2293.8
50°	2205.4	2595.2	2256.9	1872.2	1659.7	1719.6	1994.3	2187.2	2027.8	2013.1	2023.5
51°	2017.2	2387.1	2115.5	1668.4	1383.9	1499.3	1747.5	1960.0	1842.3	1774.9	1749.8
52°	1872.7	2176.7	1946.4	1450.6	1136.5	1267.5	1559.4	1786.0	1683.9	1564.7	1523.3
53°	1792.5	2063.7	1862.9	1349.3	1000.8	1120.7	1443.7	1663.8	1534.8	1399.4	1368.8
54°	1685.8	1954.6	1769.7	1233.5	861.1	1018.0	1365.0	1515.8	1386.7	1294.9	1267.1
55°	1573.3	1812.4	1614.8	1103.6	723.8	927.3	1305.0	1381.3	1258.9	1190.4	1166.6
56°	1409.7	1649.2	1447.8	981.8	612.8	853.1	1237.2	1269.6	1131.6	1085.9	1066.1
57°	1255.7	1474.0	1298.3	866.1	542.4	796.4	1145.7	1158.3	1004.3	1014.3	976.1
58°	1146.1	1327.5	1164.9	764.1	499.2	744.7	1057.4	1046.9	876.3	911.6	898.6
59°	1027.7	1209.9	1043.8	686.7	461.6	669.0	1001.8	960.5	812.9	824.6	825.8
60°	900.3	1080.7	921.4	633.0	429.6	592.9	907.5	873.1	723.6	774.9	757.9
61°	798.5	948.3	811.7	562.4	400.8	536.6	804.4	777.7	619.5	703.8	692.5
62°	710.5	831.5	708.0	495.2	374.8	496.1	727.9	709.3	548.3	631.6	632.1
63°	626.9	726.0	625.6	441.1	351.0	454.1	669.5	650.7	487.2	560.9	576.5
64°	566.5	637.4	555.2	396.9	328.6	416.1	600.9	586.2	435.0	504.6	521.9
65°	507.3	557.5	495.5	358.0	306.2	378.5	536.1	524.8	394.5	458.5	471.8
66°	450.8	491.4	439.6	326.6	283.9	346.3	477.8	467.3	358.4	415.5	427.6
67°	399.5	429.1	391.9	295.2	262.9	314.1	422.9	414.3	327.0	374.4	386.2
68°	352.7	372.0	348.3	264.0	241.8	282.1	373.7	364.6	296.9	335.2	344.6
69°	305.9	323.0	304.8	237.3	222.9	256.6	334.0	319.5	268.3	298.0	303.4
70°	259.2	274.3	261.5	212.5	204.9	232.1	294.3	278.3	241.2	263.4	265.0
71°	222.6	237.8	227.1	188.8	187.3	209.1	254.7	243.5	215.1	230.8	231.3
72°	190.6	204.5	197.0	167.9	169.7	188.5	225.3	213.8	192.3	203.0	202.5
73°	163.1	173.6	169.8	148.3	152.1	169.4	198.9	186.9	171.2	178.6	177.9
74°	137.3	146.3	144.6	130.2	135.3	150.7	173.8	162.9	151.8	156.7	155.7
75°	115.2	122.7	121.2	112.7	118.9	132.6	150.0	140.8	132.2	136.1	135.1
76°	96.4	102.2	101.5	95.5	103.9	115.4	126.8	122.3	115.1	118.6	116.6
77°	80.3	85.1	84.9	80.4	89.3	98.7	107.0	103.9	97.9	101.1	98.2
78°	66.2	70.5	70.2	67.6	75.1	83.2	90.2	85.5	82.6	83.7	79.7
79°	54.0	57.3	57.3	56.5	62.5	70.3	75.7	72.0	70.1	70.4	66.4
80°	43.4	45.8	46.2	46.3	51.7	58.4	62.5	57.9	57.7	57.4	54.6
81°	35.4	37.5	37.6	37.9	41.9	47.1	50.9	46.1	46.0	45.9	43.9
82°	27.4	29.3	29.1	29.6	33.7	37.9	40.5	37.3	37.1	36.3	33.6
83°	19.4	21.0	20.6	21.2	25.4	28.7	31.8	29.0	27.9	26.9	23.8
84°	13.1	14.3	14.2	14.8	17.3	19.5	23.1	21.3	20.1	18.6	15.2
85°	8.3	8.9	9.0	9.4	11.2	13.3	14.4	14.3	13.1	13.3	9.8
86°	4.1	4.6	4.8	5.3	6.1	8.1	8.7	9.3	8.8	8.0	4.4
87°	1.8	1.9	2.1	2.3	2.8	4.0	4.6	4.4	4.4	2.7	1.4
88°	0.9	0.9	1.0	1.0	1.1	1.3	1.3	1.2	1.2	0.8	0.4
89°	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440370
CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	8328.0	8328.0	8328.0
1°	8329.4	8328.4	8326.0
2°	8328.0	8327.4	8324.1
3°	8327.8	8324.5	8318.8
4°	8322.2	8316.5	8306.6
5°	8309.6	8302.6	8290.7
6°	8294.1	8284.4	8269.3
7°	8269.9	8259.0	8241.6
8°	8243.8	8234.9	8219.3
9°	8220.0	8206.2	8190.6
10°	8188.3	8181.4	8155.9
11°	8153.0	8140.5	8115.6
12°	8110.4	8093.2	8064.5
13°	8060.3	8041.4	8007.4
14°	8000.8	7980.7	7944.3
15°	7936.7	7913.2	7869.7
16°	7858.8	7829.9	7781.0
17°	7770.8	7736.3	7678.5
18°	7674.5	7628.8	7568.8
19°	7565.4	7515.2	7448.2
20°	7442.3	7390.6	7322.1
21°	7310.7	7264.3	7193.6
22°	7168.1	7127.1	7059.8
23°	7011.2	6981.8	6915.8
24°	6847.3	6832.2	6771.8
25°	6685.1	6677.9	6637.6
26°	6518.0	6539.8	6515.7
27°	6356.2	6412.4	6400.7
28°	6194.4	6287.2	6288.8
29°	6044.1	6166.3	6188.1
30°	5887.6	6047.1	6094.6
31°	5735.9	5930.4	5997.1
32°	5594.3	5820.9	5902.5
33°	5452.8	5713.7	5814.8
34°	5312.7	5609.5	5727.3
35°	5166.5	5506.8	5637.4
36°	5030.4	5410.6	5546.6
37°	4897.6	5306.2	5448.6
38°	4749.3	5192.5	5338.5
39°	4586.2	5053.8	5204.9
40°	4410.2	4883.7	5040.1
41°	4221.2	4696.5	4863.0
42°	4011.1	4496.3	4653.5
43°	3800.7	4281.0	4421.7
44°	3585.8	4051.7	4179.3

REPORT NUMBER: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3361.4	3797.8	3905.5
46°	3135.5	3539.7	3625.9
47°	2907.6	3285.2	3352.2
48°	2683.0	3035.7	3091.6
49°	2449.8	2766.5	2816.8
50°	2175.7	2489.4	2560.1
51°	1887.3	2178.7	2363.3
52°	1635.3	1954.8	2134.8
53°	1487.0	1729.5	1825.3
54°	1343.4	1546.0	1662.0
55°	1246.7	1421.6	1516.4
56°	1150.6	1294.4	1339.8
57°	1054.5	1167.1	1178.5
58°	958.4	1039.9	1017.3
59°	870.5	941.3	904.1
60°	787.5	831.6	797.3
61°	717.5	734.3	698.0
62°	648.0	660.8	613.1
63°	578.5	591.9	544.3
64°	517.3	528.1	476.6
65°	463.4	470.7	421.6
66°	407.5	419.7	376.9
67°	354.8	376.8	337.6
68°	311.9	336.0	302.5
69°	274.1	298.5	269.3
70°	242.8	262.7	239.0
71°	213.4	231.7	211.7
72°	187.7	204.2	186.4
73°	164.4	176.7	161.9
74°	142.2	151.8	140.6
75°	123.4	131.4	122.0
76°	104.7	111.2	103.5
77°	86.0	91.0	84.9
78°	71.3	73.7	68.8
79°	59.1	58.1	53.0
80°	47.2	45.1	40.2
81°	36.0	33.7	30.1
82°	26.9	24.6	22.4
83°	19.2	18.1	15.9
84°	13.7	12.6	10.3
85°	8.3	7.2	4.7
86°	2.8	1.8	1.5
87°	0.8	0.6	0.5
88°	0.3	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-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: P1440370

CATALOG NUMBER: XSF200-SFTR-6Hx6V-840-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)