

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: P1440374

Luminaire Tested: XSF200-SFTR-6Hx6V-850-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440374
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-850-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13447.8 lumens
Efficiency: N/A
Efficacy: 166.0 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

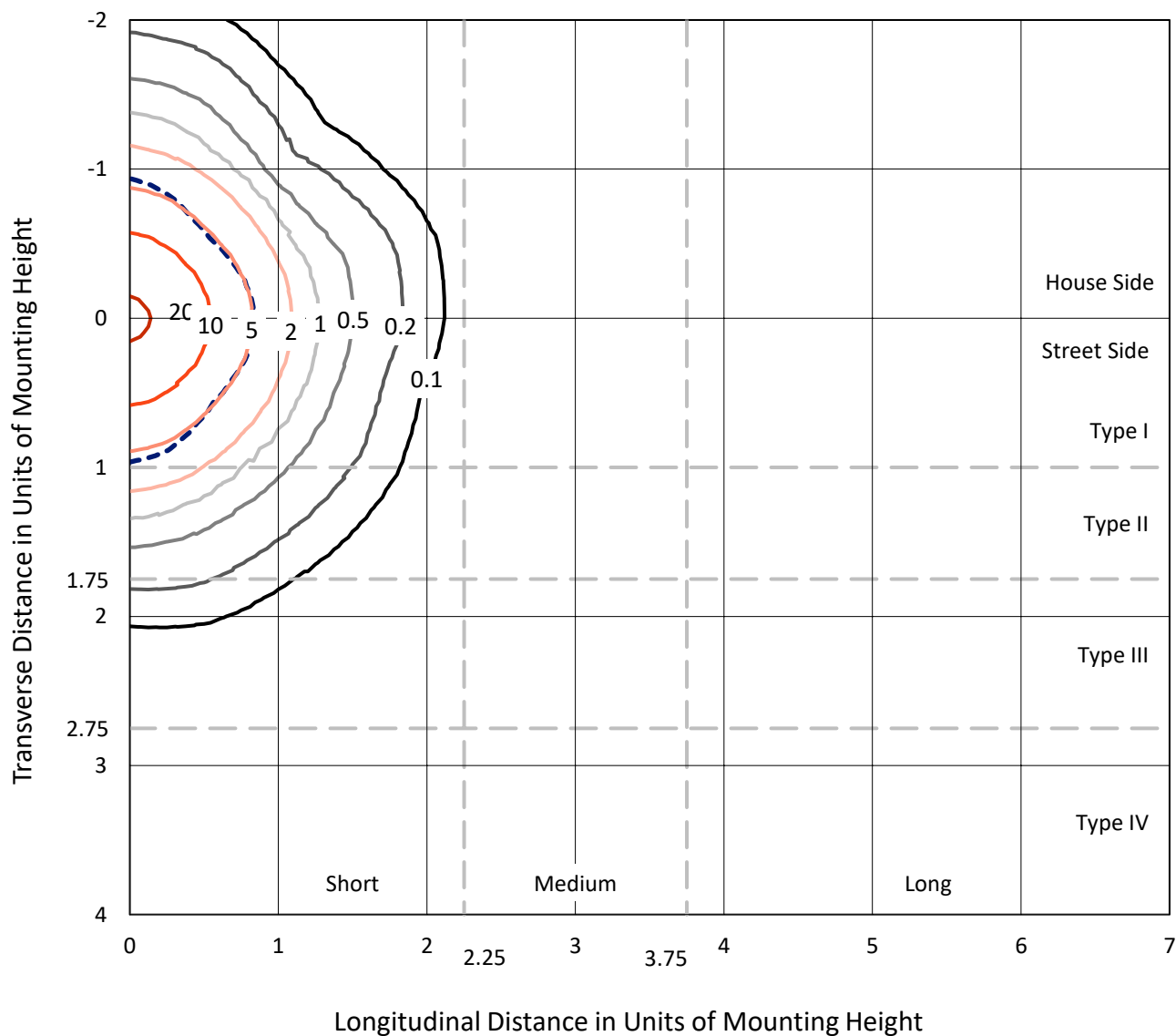
REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



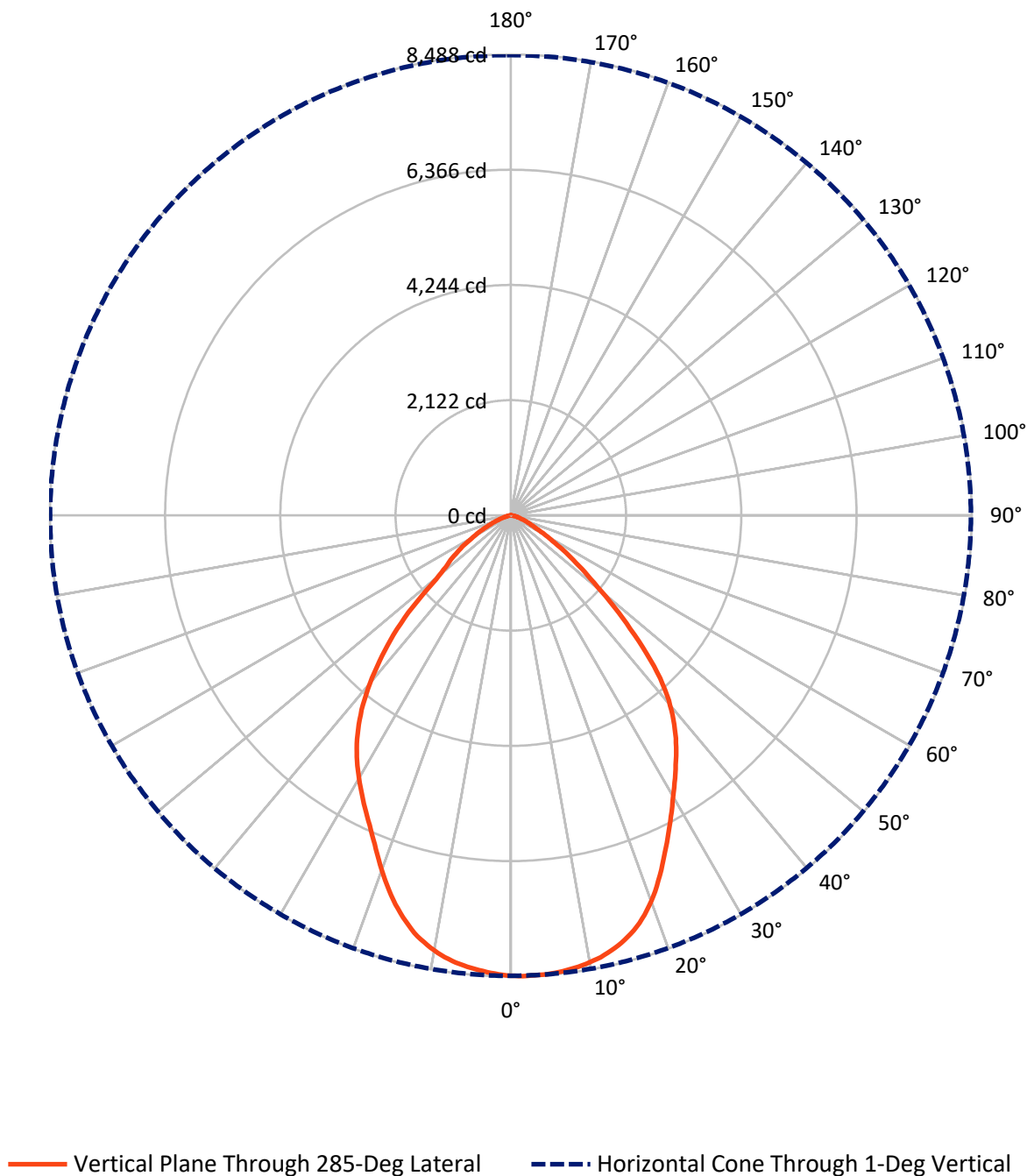
Based on 20 foot mounting height. Maximum calculated value = 21.2 fc

Type V - Short - N/A

REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

Luminous Intensity Polar Plot



REPORT NUMBER: P1440374

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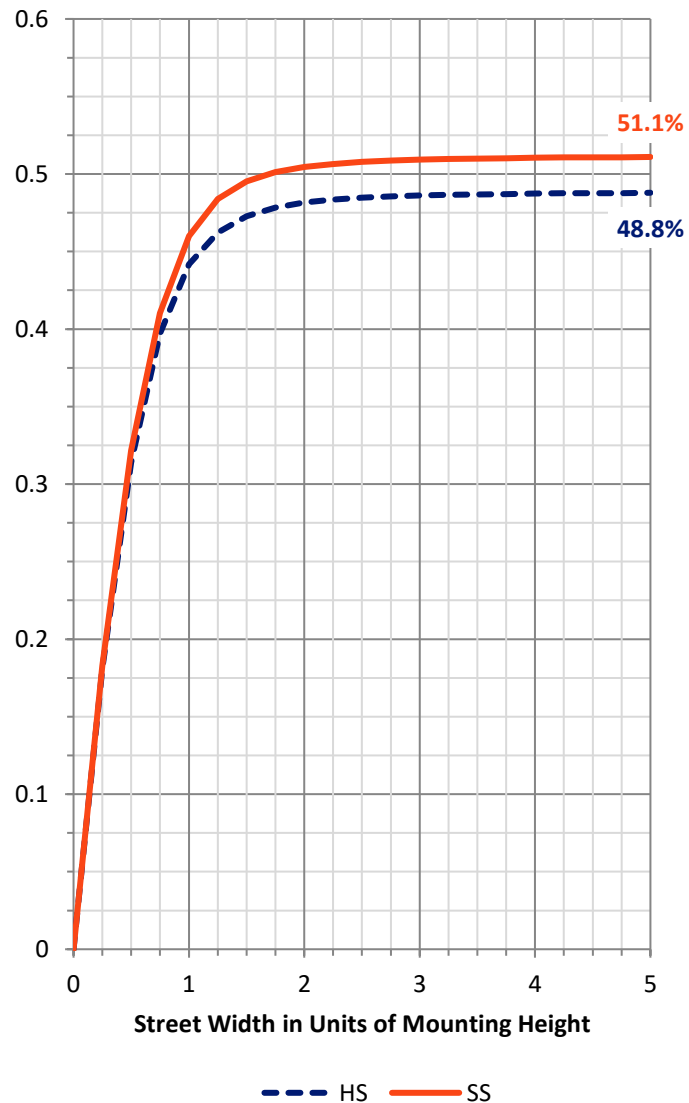
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6602.4	0.0	6602.4
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	6845.4	0.0	6845.4
	% Fixture	50.9	0.0	50.9
Total	Lumens	13447.8	0.0	13447.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	799.2	5.9
10°-20°	2216.4	16.5
20°-30°	2996.0	22.3
30°-40°	3189.5	23.7
40°-50°	2484.7	18.5
50°-60°	1143.8	8.5
60°-70°	458.8	3.4
70°-80°	142.6	1.1
80°-90°	17.0	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°	13447.8	100.0
0°-180°	13447.8	100.0

Coefficient of Utilization



REPORT NUMBER: P1440374

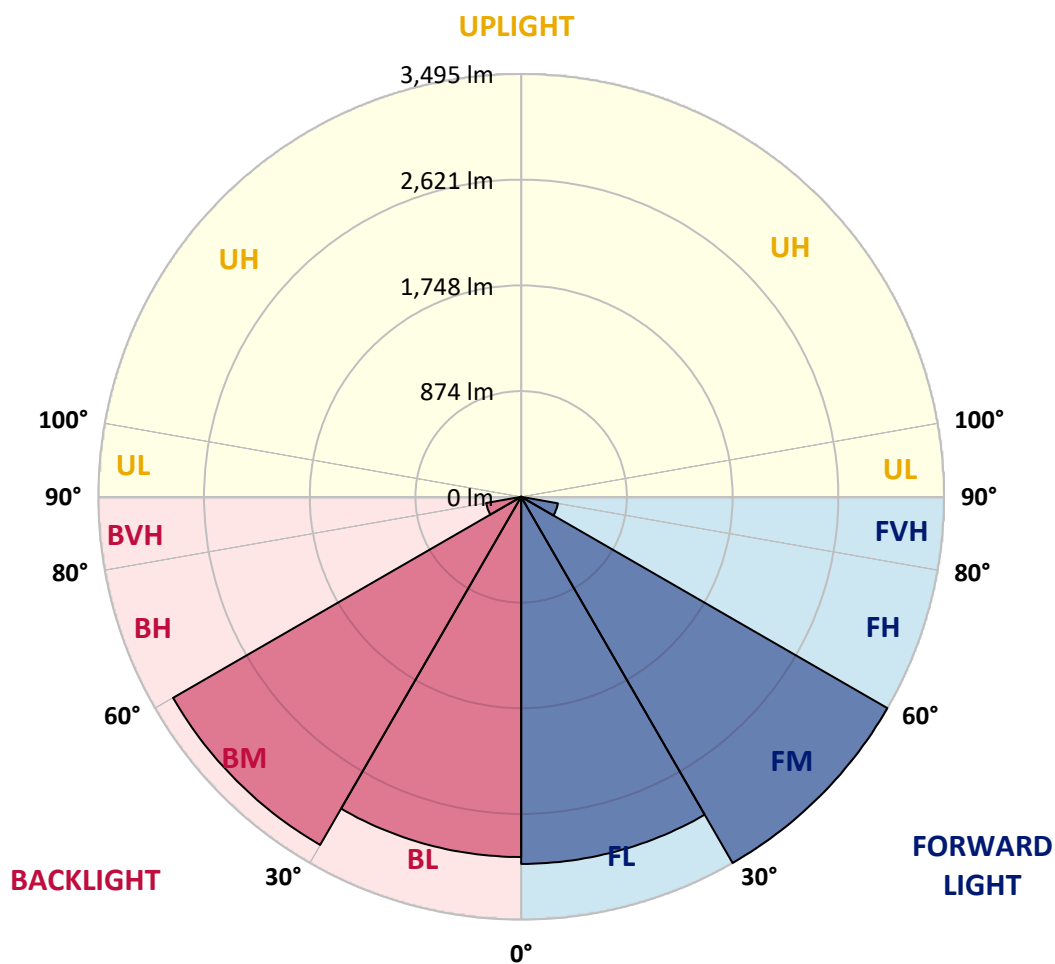
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3034.4	22.6			
FM	(30°-60°)	3495.1	26.0			
FH	(60°-80°)	307.8	2.3			G0/660
FVH	(80°-90°)	8.2	0.1			G0/10
BL	(0°-30°)	2977.1	22.1	B4/5000		
BM	(30°-60°)	3322.8	24.7	B3/5000		
BH	(60°-80°)	293.7	2.2	B1/500		G0/660
BVH	(80°-90°)	8.8	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



REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3
1°	8478.2	8477.8	8476.8	8475.9	8470.9	8471.3	8472.5	8471.2	8473.5	8472.8	8475.1
2°	8476.3	8472.4	8467.6	8466.7	8464.6	8458.9	8457.3	8452.7	8456.2	8460.8	8463.2
3°	8470.9	8465.1	8458.8	8452.5	8445.9	8441.4	8433.4	8435.1	8437.6	8443.0	8447.3
4°	8458.5	8449.9	8441.0	8433.5	8424.6	8416.4	8411.5	8407.1	8412.5	8418.5	8422.4
5°	8442.3	8429.6	8421.3	8406.5	8395.4	8387.8	8380.8	8379.0	8380.9	8386.1	8395.1
6°	8420.5	8406.7	8388.8	8376.3	8363.9	8355.7	8350.0	8349.8	8347.9	8352.0	8365.9
7°	8392.3	8378.3	8361.2	8343.3	8329.1	8319.3	8318.3	8315.5	8315.2	8319.5	8333.0
8°	8369.6	8349.5	8327.6	8309.4	8290.0	8278.4	8276.8	8274.6	8277.5	8284.1	8297.8
9°	8340.3	8315.1	8291.6	8271.1	8246.6	8233.7	8225.3	8225.0	8227.9	8236.9	8257.2
10°	8305.0	8278.0	8249.8	8223.5	8197.2	8179.7	8166.1	8167.3	8175.6	8185.1	8202.9
11°	8264.0	8230.7	8197.7	8167.4	8141.6	8119.2	8101.3	8099.2	8109.4	8126.2	8146.1
12°	8212.0	8176.3	8140.8	8104.3	8076.6	8047.7	8027.2	8020.9	8035.8	8055.3	8080.4
13°	8153.8	8116.2	8077.0	8035.4	7998.0	7966.6	7940.8	7940.6	7952.7	7975.7	8002.3
14°	8089.6	8045.5	8001.4	7957.0	7914.5	7874.8	7840.3	7838.1	7854.2	7884.1	7909.5
15°	8013.6	7964.7	7916.5	7869.5	7818.5	7769.0	7728.3	7722.9	7744.0	7781.1	7805.8
16°	7923.2	7868.2	7815.8	7769.5	7708.4	7654.1	7606.3	7602.1	7623.6	7661.2	7688.8
17°	7819.0	7765.4	7703.9	7655.5	7584.1	7524.8	7474.3	7471.8	7492.0	7528.8	7562.1
18°	7707.2	7647.4	7585.3	7524.7	7446.8	7389.2	7331.2	7329.9	7351.3	7386.4	7423.2
19°	7584.4	7518.7	7458.4	7386.4	7304.7	7243.1	7184.8	7181.3	7199.0	7235.4	7278.2
20°	7456.0	7389.6	7318.2	7232.4	7151.2	7088.3	7035.6	7026.1	7038.9	7071.9	7125.4
21°	7325.2	7251.7	7176.9	7074.1	6988.4	6931.7	6885.9	6869.1	6866.0	6901.9	6954.8
22°	7188.9	7104.4	7015.6	6903.7	6815.6	6773.6	6732.0	6707.3	6695.1	6729.0	6785.1
23°	7042.3	6947.7	6845.6	6725.1	6640.8	6618.0	6587.9	6553.3	6520.3	6541.4	6605.3
24°	6895.7	6796.9	6676.0	6546.3	6469.1	6470.1	6456.5	6408.8	6353.7	6356.3	6440.6
25°	6759.0	6657.8	6514.3	6371.5	6302.1	6331.3	6336.8	6269.7	6188.1	6174.5	6278.9
26°	6634.8	6526.0	6355.6	6197.7	6137.3	6198.9	6220.2	6141.2	6030.8	6006.8	6119.6
27°	6517.7	6400.0	6203.0	6026.4	5981.7	6071.2	6104.7	6017.2	5881.1	5836.4	5962.6
28°	6403.8	6274.0	6049.0	5860.8	5832.9	5946.4	5991.8	5896.1	5731.1	5672.8	5813.0
29°	6301.3	6152.3	5905.6	5701.5	5683.8	5824.0	5881.1	5774.2	5586.7	5511.7	5663.8
30°	6206.0	6036.6	5760.5	5542.6	5534.1	5702.8	5772.3	5653.7	5445.3	5354.6	5517.6
31°	6106.7	5920.8	5617.3	5388.6	5392.0	5581.1	5658.1	5530.6	5312.8	5208.0	5377.5
32°	6010.5	5810.6	5477.0	5242.1	5251.6	5461.2	5539.3	5405.9	5182.8	5061.8	5241.9
33°	5921.1	5706.3	5338.2	5094.9	5115.1	5331.7	5416.4	5276.9	5051.0	4920.0	5107.9
34°	5832.0	5604.6	5206.2	4949.5	4972.7	5201.5	5285.4	5140.5	4916.0	4776.8	4973.6
35°	5740.5	5503.4	5072.6	4798.6	4825.0	5060.0	5145.8	4993.4	4768.2	4630.4	4835.1
36°	5648.0	5397.5	4939.7	4640.7	4680.5	4911.6	4990.7	4840.5	4605.4	4473.8	4688.2
37°	5548.3	5281.0	4801.5	4485.9	4531.3	4759.6	4828.4	4680.9	4433.3	4298.5	4528.9
38°	5436.1	5143.9	4662.1	4338.1	4378.0	4592.5	4658.3	4511.0	4248.2	4110.3	4354.0
39°	5300.1	4989.3	4509.7	4179.2	4213.5	4416.0	4477.7	4326.1	4058.7	3918.0	4174.0
40°	5132.3	4822.0	4334.3	4007.0	4036.0	4218.2	4286.7	4132.1	3864.8	3724.4	3977.4
41°	4952.0	4638.0	4138.3	3821.6	3847.7	4008.9	4071.9	3936.2	3661.8	3526.8	3771.3
42°	4738.6	4432.6	3928.8	3625.0	3644.3	3777.7	3840.0	3718.9	3443.7	3321.1	3555.3
43°	4502.6	4209.3	3713.1	3418.0	3438.5	3534.7	3606.1	3507.9	3222.5	3104.6	3338.7
44°	4255.8	3962.8	3494.7	3208.0	3226.1	3296.7	3377.3	3291.3	3010.7	2914.3	3136.5

REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3977.0	3710.4	3268.5	2997.0	3018.8	3073.7	3155.2	3088.3	2799.0	2723.9	2948.5
46°	3692.2	3457.5	3042.4	2794.0	2817.6	2853.7	2914.0	2842.6	2585.7	2533.4	2760.5
47°	3413.5	3212.7	2819.0	2595.2	2591.3	2604.1	2673.1	2596.2	2307.5	2334.5	2570.7
48°	3148.1	2972.5	2583.2	2363.9	2350.2	2371.2	2432.1	2320.7	2033.4	2087.9	2315.8
49°	2868.3	2707.8	2305.3	2109.3	2112.7	2146.1	2203.5	2043.0	1788.2	1840.3	2033.2
50°	2606.9	2427.4	2024.6	1835.8	1890.3	1925.3	2009.9	1810.2	1527.5	1527.9	1780.4
51°	2406.5	2134.7	1791.2	1609.3	1698.2	1760.9	1858.0	1652.6	1334.3	1282.9	1536.8
52°	2173.9	1864.4	1608.1	1445.1	1530.1	1613.5	1721.6	1534.9	1198.0	1089.3	1372.2
53°	1858.7	1695.9	1432.8	1351.1	1377.7	1457.9	1598.6	1443.0	1082.3	939.3	1275.9
54°	1692.4	1567.8	1318.4	1257.7	1271.0	1327.3	1456.0	1373.0	987.3	795.1	1170.3
55°	1544.1	1391.4	1204.9	1164.3	1164.4	1196.8	1333.9	1282.3	900.5	673.7	1045.7
56°	1364.3	1260.7	1091.4	1058.3	1057.7	1066.4	1227.6	1192.6	820.0	574.5	915.5
57°	1200.0	1131.5	987.5	970.0	995.6	975.5	1118.1	1102.0	758.7	516.3	810.4
58°	1035.9	1002.3	897.4	886.8	905.6	868.1	1011.7	1038.2	697.7	476.2	717.1
59°	920.7	919.6	820.9	804.8	835.3	778.6	916.7	936.6	618.9	442.4	644.0
60°	811.9	864.7	751.5	729.7	761.8	667.3	840.3	835.5	561.7	411.3	580.8
61°	710.8	783.1	674.2	663.9	683.7	574.0	754.4	770.7	529.5	384.3	524.1
62°	624.3	689.2	604.9	602.1	611.4	525.4	678.8	709.7	485.2	360.1	474.7
63°	554.2	606.5	542.8	544.8	552.2	484.1	619.7	646.4	441.0	337.5	432.2
64°	485.4	546.9	491.9	496.1	502.1	435.8	556.9	574.7	400.7	315.6	394.3
65°	429.4	488.3	448.4	453.0	453.6	392.4	497.4	510.2	364.1	293.7	357.6
66°	383.8	435.2	405.0	412.1	409.2	355.2	439.9	450.1	331.7	272.2	325.7
67°	343.8	387.6	364.5	372.5	366.9	322.3	385.7	394.4	299.4	251.4	293.8
68°	308.0	342.5	326.4	332.4	325.9	291.5	342.1	351.3	267.0	231.9	261.9
69°	274.2	300.2	289.1	293.0	288.2	261.5	298.4	308.1	242.2	212.9	234.4
70°	243.4	262.2	252.9	257.6	255.1	233.8	255.2	265.4	220.1	195.1	210.5
71°	215.6	229.9	221.2	224.9	225.4	209.2	225.2	236.1	199.6	177.9	186.9
72°	189.8	201.3	192.6	198.2	198.5	186.8	198.7	208.7	179.5	160.6	165.3
73°	164.9	174.3	166.6	174.1	174.8	165.6	174.4	182.6	160.1	143.8	145.2
74°	143.2	150.4	143.4	152.6	152.5	146.0	151.5	159.1	141.8	127.7	126.9
75°	124.3	129.8	123.6	133.0	133.5	128.0	130.6	136.2	124.1	112.0	108.8
76°	105.4	109.2	103.9	113.1	113.9	109.9	111.0	115.5	107.2	97.5	91.4
77°	86.5	88.7	84.1	93.2	94.2	91.9	94.3	98.2	92.0	83.6	76.8
78°	70.1	70.6	69.2	76.8	79.5	77.9	80.0	82.7	77.8	69.5	63.9
79°	54.0	55.7	56.5	63.2	65.8	64.5	66.2	68.4	64.9	57.3	53.0
80°	40.9	42.9	44.6	51.4	52.5	52.4	52.8	56.0	53.1	47.2	43.5
81°	30.6	32.2	33.8	41.3	43.2	43.2	43.0	45.5	42.1	38.4	35.3
82°	22.8	25.3	26.6	31.5	33.5	34.6	34.8	36.5	33.6	29.5	27.1
83°	16.2	17.6	18.0	21.8	23.6	25.4	26.6	27.5	25.0	20.6	18.9
84°	10.5	12.2	12.6	13.2	15.7	17.5	18.4	18.5	16.5	14.0	12.8
85°	4.7	6.9	7.4	8.2	10.1	12.4	11.8	11.9	10.7	8.8	8.1
86°	1.5	1.7	2.1	3.2	4.5	7.4	6.6	6.5	5.8	4.7	4.4
87°	0.5	0.6	0.6	0.9	1.5	2.4	2.4	2.6	2.4	1.9	2.0
88°	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.9
89°	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3

REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440374
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3	8480.3
1°	8476.8	8477.6	8480.1	8481.6	8481.1	8483.6	8481.1	8484.5	8488.0	8483.0	8483.0
2°	8469.7	8470.0	8472.7	8475.6	8479.2	8480.5	8481.7	8484.6	8482.2	8482.2	8481.3
3°	8453.4	8456.7	8462.1	8470.0	8475.3	8474.7	8481.1	8485.5	8478.7	8479.8	8478.2
4°	8429.6	8436.2	8442.7	8454.1	8461.6	8466.1	8471.9	8474.1	8475.7	8472.4	8475.7
5°	8403.1	8414.5	8426.7	8435.3	8445.4	8453.1	8461.0	8469.4	8466.1	8466.5	8469.0
6°	8377.3	8388.2	8401.1	8411.5	8426.1	8434.1	8442.0	8446.8	8448.3	8453.8	8456.2
7°	8347.5	8363.4	8378.2	8387.5	8399.9	8408.1	8416.3	8423.7	8427.0	8430.2	8433.4
8°	8314.8	8332.0	8346.8	8359.3	8373.9	8381.4	8388.4	8398.0	8402.9	8407.4	8404.0
9°	8272.3	8292.3	8310.7	8324.1	8340.3	8349.3	8356.0	8366.5	8374.4	8375.8	8372.3
10°	8223.1	8243.8	8264.4	8281.5	8301.8	8311.0	8321.7	8334.2	8338.0	8343.4	8343.0
11°	8165.5	8184.2	8204.7	8230.1	8255.2	8270.8	8282.2	8295.7	8303.7	8305.1	8308.8
12°	8100.5	8116.8	8144.2	8170.1	8194.3	8220.6	8235.6	8244.0	8251.4	8260.6	8265.3
13°	8019.9	8042.9	8070.7	8104.6	8130.8	8160.3	8171.2	8184.1	8194.7	8206.6	8213.7
14°	7928.6	7957.3	7985.6	8026.1	8059.8	8082.6	8101.0	8116.0	8131.1	8148.2	8158.1
15°	7825.5	7855.6	7889.1	7936.8	7979.2	8003.7	8016.9	8037.0	8054.5	8077.5	8091.2
16°	7713.5	7742.9	7781.9	7833.1	7881.8	7905.3	7923.2	7945.3	7971.1	7999.3	8011.5
17°	7589.1	7621.8	7664.7	7720.2	7771.1	7792.2	7815.9	7839.7	7871.4	7905.7	7926.2
18°	7455.3	7495.5	7543.2	7598.0	7644.3	7668.7	7689.0	7718.9	7756.6	7804.5	7825.7
19°	7315.4	7361.7	7412.5	7466.6	7505.7	7529.2	7549.2	7584.3	7628.7	7683.3	7709.9
20°	7163.4	7211.6	7268.2	7324.2	7352.8	7374.1	7397.8	7436.8	7489.5	7549.1	7585.0
21°	7001.7	7053.0	7109.3	7169.6	7193.7	7206.9	7230.1	7281.8	7337.6	7400.1	7444.9
22°	6849.5	6913.2	6962.6	7003.3	7017.9	7023.7	7060.7	7115.0	7171.0	7239.3	7293.1
23°	6700.8	6786.0	6831.3	6843.4	6834.9	6833.3	6879.5	6946.6	7005.5	7066.5	7127.0
24°	6563.1	6668.1	6708.9	6691.6	6642.9	6635.9	6696.9	6779.4	6838.1	6886.5	6945.6
25°	6443.9	6564.1	6591.3	6538.0	6452.7	6441.8	6512.9	6607.2	6674.7	6703.9	6762.0
26°	6324.6	6463.4	6482.2	6387.0	6263.7	6255.3	6337.3	6450.7	6513.3	6524.6	6580.2
27°	6206.2	6369.6	6372.2	6240.2	6081.2	6071.2	6173.9	6296.2	6355.9	6348.3	6393.4
28°	6087.0	6277.3	6264.9	6094.0	5910.4	5896.7	6018.2	6157.7	6205.0	6174.5	6203.7
29°	5973.8	6184.3	6157.1	5948.9	5742.8	5725.8	5865.8	6019.1	6053.0	6007.1	6023.9
30°	5867.7	6091.1	6050.9	5800.5	5575.7	5561.7	5723.4	5882.3	5910.3	5841.5	5841.4
31°	5759.4	5997.6	5945.6	5654.7	5413.6	5403.4	5584.0	5753.2	5774.3	5678.5	5667.4
32°	5654.1	5904.9	5844.3	5510.6	5256.7	5253.2	5447.3	5624.9	5640.0	5516.3	5497.0
33°	5547.2	5813.6	5737.8	5370.2	5105.9	5112.9	5311.8	5502.7	5504.0	5354.9	5334.6
34°	5437.3	5726.3	5626.4	5233.7	4957.4	4974.4	5180.5	5378.4	5376.2	5196.6	5171.5
35°	5322.6	5638.2	5512.3	5093.5	4810.0	4833.7	5043.5	5249.7	5245.1	5037.2	5010.2
36°	5201.8	5538.8	5388.8	4944.2	4660.4	4692.1	4902.9	5119.9	5108.1	4880.2	4851.5
37°	5067.6	5419.0	5252.8	4795.4	4506.7	4543.5	4764.6	4987.6	4963.9	4724.6	4694.9
38°	4911.8	5276.5	5101.9	4633.6	4345.9	4385.9	4622.6	4847.7	4811.2	4563.2	4538.9
39°	4735.8	5114.9	4930.5	4457.2	4177.3	4216.8	4470.4	4700.0	4651.5	4396.4	4375.2
40°	4538.4	4929.3	4736.4	4265.8	3992.6	4036.0	4301.2	4532.5	4479.4	4225.4	4210.2
41°	4326.3	4725.0	4515.4	4061.8	3798.6	3846.4	4115.8	4340.0	4284.4	4041.1	4033.0
42°	4096.6	4498.8	4271.1	3836.6	3595.5	3647.5	3915.2	4128.8	4069.1	3847.3	3841.1
43°	3860.6	4255.3	4016.2	3596.5	3381.5	3442.3	3699.5	3896.2	3830.3	3643.7	3630.5
44°	3635.1	4018.9	3764.3	3352.8	3153.0	3224.2	3479.7	3654.6	3571.8	3423.7	3416.3

REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3409.7	3784.0	3511.4	3113.0	2943.0	3000.8	3250.7	3411.9	3305.9	3195.0	3199.7
46°	3198.4	3560.6	3279.4	2894.0	2732.8	2777.5	3031.2	3174.7	3033.5	2959.2	2985.5
47°	2951.0	3297.0	3020.5	2675.3	2522.8	2554.0	2811.5	2959.9	2796.6	2730.6	2778.9
48°	2703.4	3078.8	2761.6	2454.3	2297.7	2310.7	2591.1	2722.1	2550.5	2518.0	2578.6
49°	2456.2	2860.7	2503.9	2159.3	2001.7	2014.7	2317.6	2482.0	2298.0	2290.1	2335.7
50°	2245.7	2642.7	2298.2	1906.5	1690.0	1751.1	2030.8	2227.2	2064.9	2049.9	2060.6
51°	2054.1	2430.8	2154.2	1698.9	1409.2	1526.8	1779.4	1995.9	1875.9	1807.3	1781.8
52°	1906.9	2216.5	1982.0	1477.1	1157.2	1290.7	1587.9	1818.7	1714.7	1593.4	1551.1
53°	1825.3	2101.4	1897.0	1374.0	1019.1	1141.2	1470.1	1694.3	1562.8	1425.0	1393.9
54°	1716.6	1990.3	1802.1	1256.0	876.9	1036.6	1390.0	1543.6	1412.0	1318.5	1290.2
55°	1602.1	1845.6	1644.3	1123.8	737.1	944.3	1328.9	1406.6	1281.9	1212.2	1187.9
56°	1435.5	1679.4	1474.3	999.8	624.1	868.7	1259.8	1292.9	1152.3	1105.8	1085.6
57°	1278.6	1500.9	1322.1	881.9	552.3	810.9	1166.7	1179.5	1022.6	1032.8	994.0
58°	1167.0	1351.7	1186.2	778.1	508.3	758.3	1076.8	1066.1	892.3	928.2	915.0
59°	1046.4	1232.1	1062.8	699.3	470.1	681.2	1020.1	978.0	827.7	839.7	840.9
60°	916.8	1100.5	938.2	644.6	437.4	603.7	924.1	889.1	736.8	789.0	771.8
61°	813.1	965.6	826.5	572.7	408.1	546.4	819.2	791.9	630.9	716.6	705.2
62°	723.5	846.7	721.0	504.2	381.6	505.2	741.3	722.2	558.3	643.2	643.6
63°	638.3	739.3	637.0	449.2	357.4	462.4	681.8	662.6	496.1	571.2	587.0
64°	576.9	649.1	565.4	404.1	334.6	423.7	611.9	596.9	442.9	513.9	531.4
65°	516.5	567.7	504.6	364.5	311.9	385.4	545.9	534.3	401.7	466.9	480.4
66°	459.1	500.4	447.6	332.6	289.1	352.7	486.5	475.8	365.0	423.1	435.4
67°	406.8	437.0	399.0	300.6	267.7	319.9	430.6	421.9	333.0	381.3	393.2
68°	359.2	378.8	354.7	268.8	246.2	287.2	380.5	371.2	302.4	341.4	350.9
69°	311.5	328.9	310.4	241.7	227.0	261.3	340.1	325.3	273.2	303.5	309.0
70°	263.9	279.3	266.2	216.4	208.6	236.3	299.7	283.3	245.6	268.2	269.8
71°	226.7	242.2	231.3	192.3	190.7	213.0	259.4	248.0	219.0	235.1	235.5
72°	194.1	208.3	200.6	170.9	172.8	191.9	229.4	217.8	195.8	206.8	206.2
73°	166.0	176.8	172.9	151.0	154.9	172.5	202.5	190.3	174.3	181.9	181.2
74°	139.8	149.0	147.2	132.6	137.8	153.5	177.0	165.8	154.5	159.6	158.5
75°	117.3	124.9	123.4	114.8	121.1	135.0	152.7	143.4	134.7	138.6	137.6
76°	98.1	104.0	103.3	97.2	105.8	117.5	129.1	124.6	117.2	120.8	118.7
77°	81.8	86.6	86.4	81.8	90.9	100.5	109.0	105.8	99.7	103.0	99.9
78°	67.4	71.7	71.5	68.8	76.5	84.7	91.8	87.0	84.1	85.2	81.2
79°	55.0	58.3	58.3	57.5	63.7	71.6	77.1	73.3	71.4	71.7	67.7
80°	44.2	46.7	47.0	47.1	52.6	59.5	63.7	58.9	58.7	58.5	55.6
81°	36.0	38.2	38.3	38.6	42.7	47.9	51.9	47.0	46.8	46.8	44.7
82°	27.9	29.8	29.6	30.1	34.3	38.6	41.3	37.9	37.7	36.9	34.2
83°	19.7	21.4	21.0	21.6	25.9	29.2	32.4	29.5	28.4	27.4	24.3
84°	13.4	14.6	14.5	15.0	17.6	19.8	23.5	21.7	20.4	18.9	15.5
85°	8.4	9.1	9.2	9.5	11.4	13.5	14.7	14.5	13.4	13.5	10.0
86°	4.2	4.7	4.9	5.4	6.2	8.2	8.9	9.5	8.9	8.1	4.5
87°	1.9	1.9	2.1	2.4	2.8	4.1	4.7	4.5	4.5	2.7	1.4
88°	0.9	1.0	1.0	1.0	1.1	1.3	1.3	1.2	1.3	0.8	0.4
89°	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440374
CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	8480.3	8480.3	8480.3
1°	8481.7	8480.7	8478.2
2°	8480.3	8479.7	8476.3
3°	8480.1	8476.8	8470.9
4°	8474.4	8468.6	8458.5
5°	8461.6	8454.4	8442.3
6°	8445.8	8435.9	8420.5
7°	8421.1	8410.0	8392.3
8°	8394.5	8385.5	8369.6
9°	8370.3	8356.3	8340.3
10°	8338.0	8331.0	8305.0
11°	8302.1	8289.4	8264.0
12°	8258.7	8241.2	8212.0
13°	8207.7	8188.5	8153.8
14°	8147.1	8126.7	8089.6
15°	8081.8	8057.9	8013.6
16°	8002.5	7973.0	7923.2
17°	7912.9	7877.8	7819.0
18°	7814.9	7768.3	7707.2
19°	7703.7	7652.6	7584.4
20°	7578.4	7525.7	7456.0
21°	7444.4	7397.2	7325.2
22°	7299.2	7257.4	7188.9
23°	7139.4	7109.5	7042.3
24°	6972.5	6957.2	6895.7
25°	6807.3	6800.0	6759.0
26°	6637.2	6659.4	6634.8
27°	6472.4	6529.7	6517.7
28°	6307.7	6402.2	6403.8
29°	6154.6	6279.1	6301.3
30°	5995.3	6157.7	6206.0
31°	5840.8	6038.8	6106.7
32°	5696.6	5927.4	6010.5
33°	5552.5	5818.1	5921.1
34°	5409.8	5712.1	5832.0
35°	5261.0	5607.5	5740.5
36°	5122.4	5509.6	5648.0
37°	4987.1	5403.2	5548.3
38°	4836.1	5287.4	5436.1
39°	4670.1	5146.2	5300.1
40°	4490.9	4973.0	5132.3
41°	4298.4	4782.4	4952.0
42°	4084.4	4578.5	4738.6
43°	3870.2	4359.3	4502.6
44°	3651.4	4125.8	4255.8

REPORT NUMBER: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3422.9	3867.3	3977.0
46°	3192.8	3604.4	3692.2
47°	2960.8	3345.3	3413.5
48°	2732.1	3091.2	3148.1
49°	2494.6	2817.1	2868.3
50°	2215.5	2534.9	2606.9
51°	1921.8	2218.6	2406.5
52°	1665.2	1990.6	2173.9
53°	1514.2	1761.2	1858.7
54°	1368.0	1574.2	1692.4
55°	1269.5	1447.6	1544.1
56°	1171.6	1318.1	1364.3
57°	1073.8	1188.5	1200.0
58°	975.9	1058.9	1035.9
59°	886.5	958.5	920.7
60°	801.9	846.8	811.9
61°	730.6	747.7	710.8
62°	659.9	672.8	624.3
63°	589.1	602.8	554.2
64°	526.7	537.8	485.4
65°	471.9	479.3	429.4
66°	415.0	427.4	383.8
67°	361.3	383.7	343.8
68°	317.6	342.1	308.0
69°	279.1	303.9	274.2
70°	247.3	267.5	243.4
71°	217.3	236.0	215.6
72°	191.2	207.9	189.8
73°	167.4	179.9	164.9
74°	144.8	154.6	143.2
75°	125.7	133.8	124.3
76°	106.6	113.2	105.4
77°	87.5	92.6	86.5
78°	72.6	75.1	70.1
79°	60.2	59.2	54.0
80°	48.1	45.9	40.9
81°	36.6	34.3	30.6
82°	27.4	25.0	22.8
83°	19.6	18.4	16.2
84°	14.0	12.9	10.5
85°	8.4	7.4	4.7
86°	2.8	1.9	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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-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: P1440374

CATALOG NUMBER: XSF200-SFTR-6Hx6V-850-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)