

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: P1440366

Luminaire Tested: XSF200-SFTR-6Hx6V-830-Position 4

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440366
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-6Hx6V-830-Position 4
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 4
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12710.6 lumens
Efficiency: N/A
Efficacy: 156.9 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

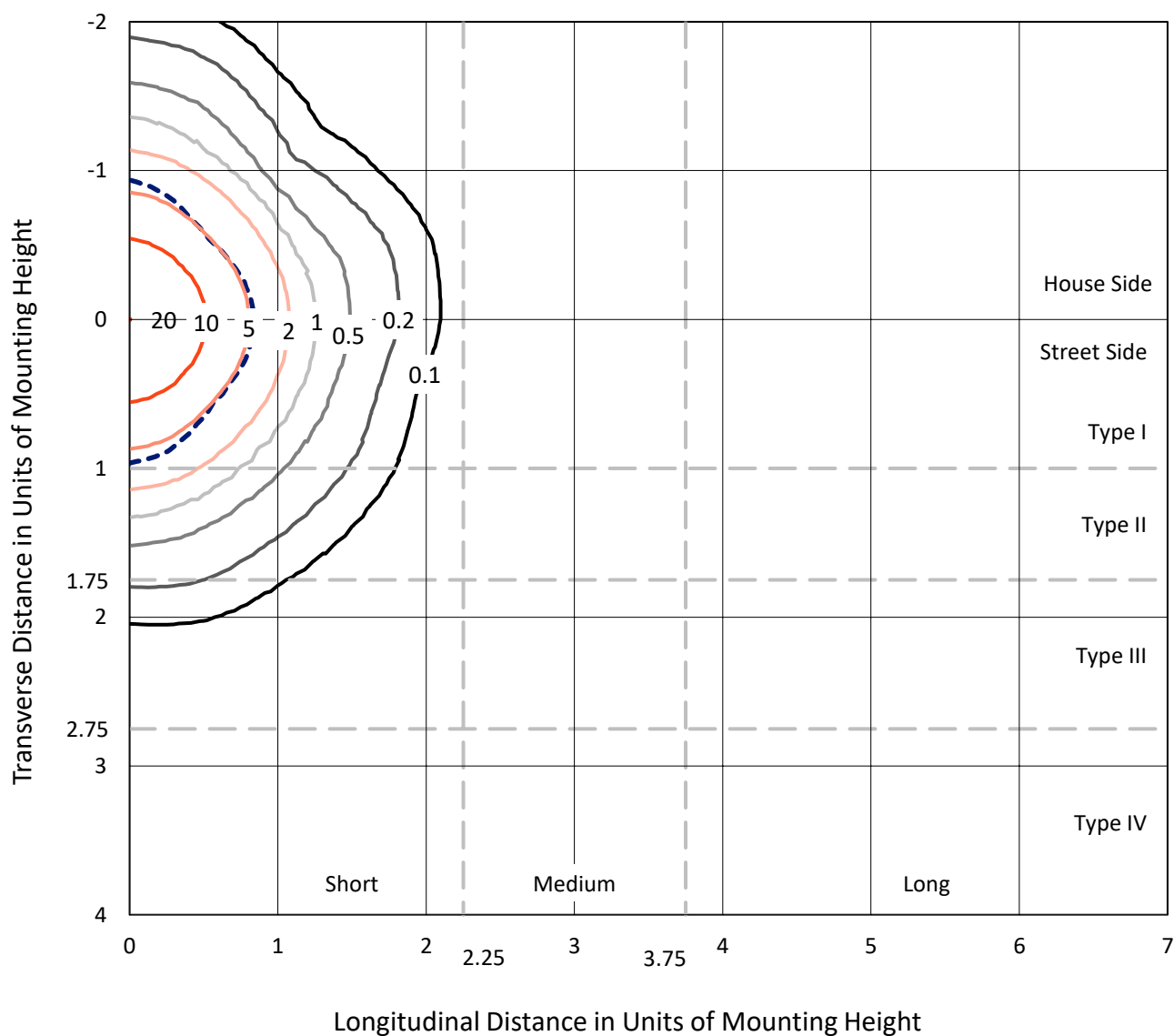
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



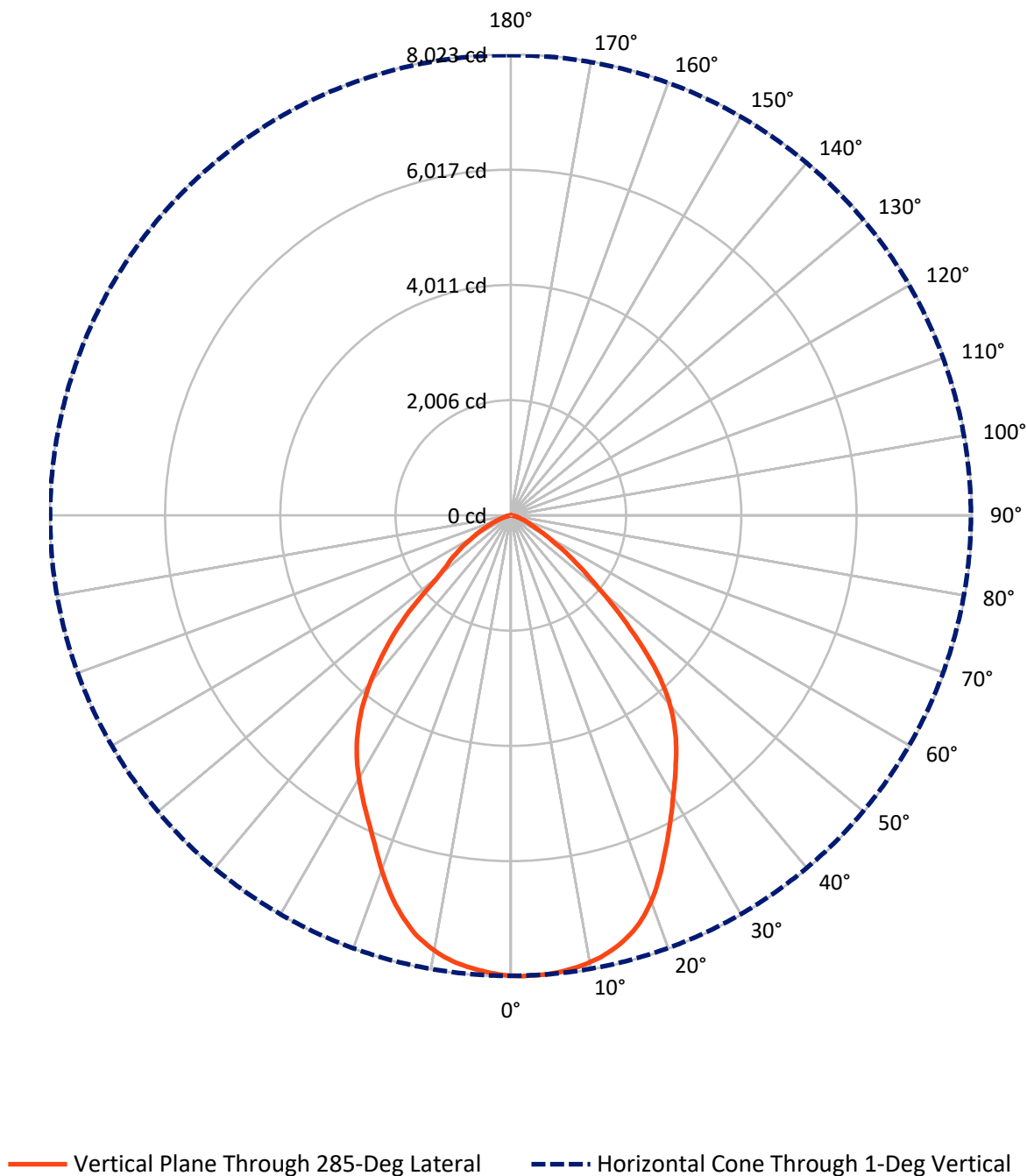
Based on 20 foot mounting height. Maximum calculated value = 20 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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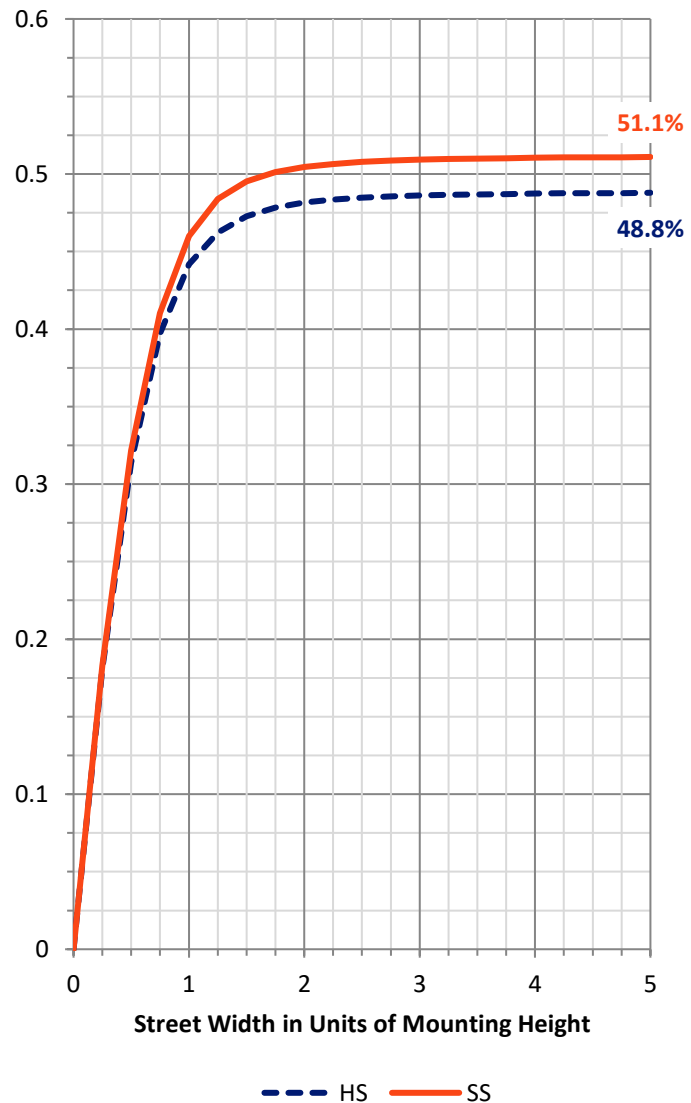
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6240.4	0.0	6240.4
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	6470.1	0.0	6470.1
	% Fixture	50.9	0.0	50.9
Total	Lumens	12710.6	0.0	12710.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	755.4	5.9
10°-20°	2094.9	16.5
20°-30°	2831.7	22.3
30°-40°	3014.6	23.7
40°-50°	2348.4	18.5
50°-60°	1081.1	8.5
60°-70°	433.7	3.4
70°-80°	134.8	1.1
80°-90°	16.0	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°	12710.6	100.0
0°-180°	12710.6	100.0

Coefficient of Utilization



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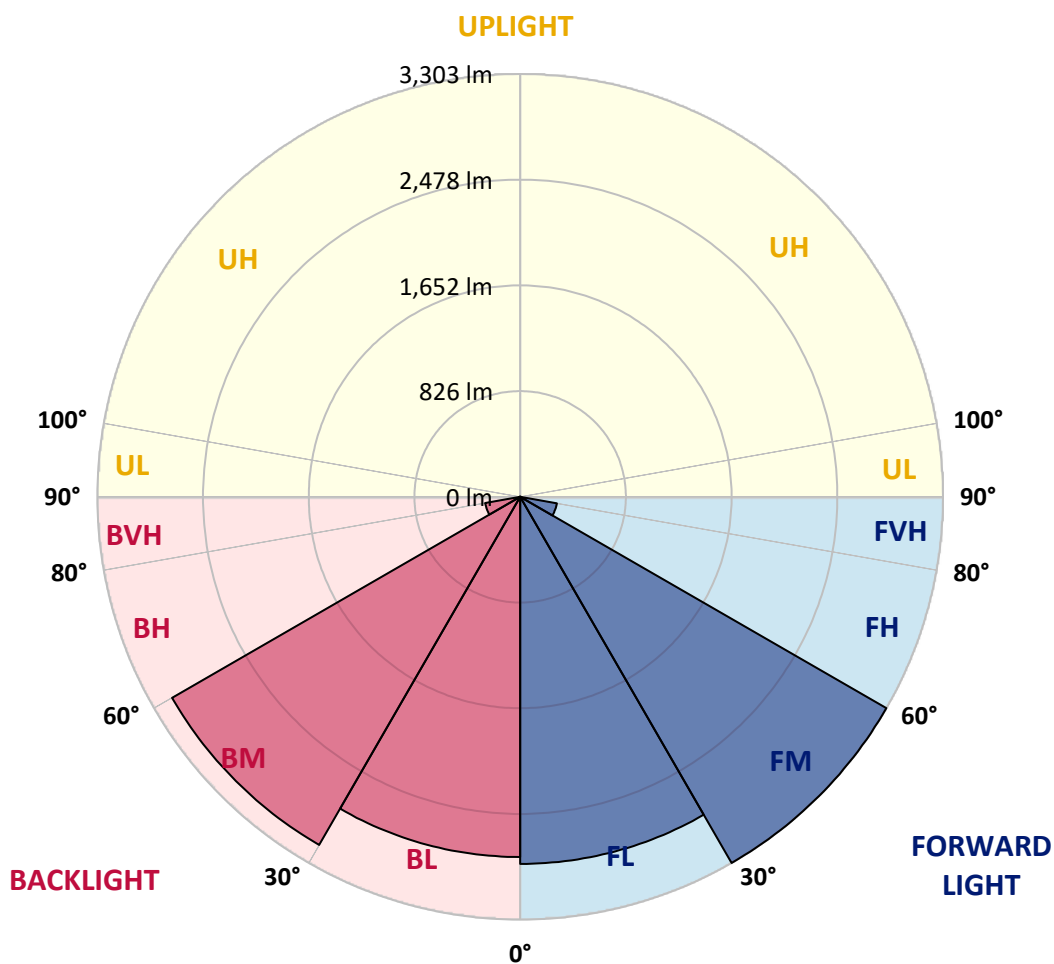
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2868.0	22.6			
FM	(30°-60°)	3303.5	26.0			
FH	(60°-80°)	290.9	2.3			G0/660
FVH	(80°-90°)	7.7	0.1			G0/10
BL	(0°-30°)	2813.9	22.1	B4/5000		
BM	(30°-60°)	3140.6	24.7	B3/5000		
BH	(60°-80°)	277.6	2.2	B1/500		G0/660
BVH	(80°-90°)	8.3	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°	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4
1°	8013.4	8013.0	8012.1	8011.2	8006.5	8006.9	8008.0	8006.8	8009.0	8008.3	8010.5
2°	8011.6	8007.9	8003.4	8002.5	8000.6	7995.2	7993.7	7989.3	7992.6	7997.0	7999.2
3°	8006.5	8001.0	7995.1	7989.1	7982.9	7978.6	7971.1	7972.7	7975.1	7980.2	7984.2
4°	7994.8	7986.7	7978.2	7971.2	7962.8	7955.0	7950.3	7946.2	7951.3	7957.0	7960.7
5°	7979.5	7967.5	7959.6	7945.7	7935.2	7928.0	7921.4	7919.7	7921.5	7926.3	7934.9
6°	7958.9	7945.8	7929.0	7917.1	7905.3	7897.6	7892.2	7892.1	7890.3	7894.2	7907.3
7°	7932.3	7919.0	7902.9	7885.9	7872.5	7863.2	7862.3	7859.7	7859.4	7863.4	7876.2
8°	7910.7	7891.8	7871.1	7853.9	7835.5	7824.6	7823.1	7821.0	7823.8	7830.0	7843.0
9°	7883.1	7859.2	7837.0	7817.7	7794.5	7782.4	7774.3	7774.1	7776.8	7785.4	7804.6
10°	7849.7	7824.2	7797.5	7772.7	7747.8	7731.3	7718.4	7719.5	7727.4	7736.4	7753.2
11°	7810.9	7779.5	7748.3	7719.7	7695.3	7674.1	7657.2	7655.2	7664.9	7680.8	7699.5
12°	7761.8	7728.1	7694.6	7660.1	7633.8	7606.5	7587.2	7581.2	7595.3	7613.7	7637.4
13°	7706.8	7671.2	7634.2	7594.9	7559.6	7529.9	7505.4	7505.3	7516.8	7538.4	7563.6
14°	7646.1	7604.4	7562.7	7520.8	7480.6	7443.1	7410.5	7408.4	7423.6	7451.9	7475.9
15°	7574.3	7528.1	7482.5	7438.1	7389.9	7343.1	7304.6	7299.5	7319.5	7354.6	7377.9
16°	7488.9	7436.8	7387.3	7343.5	7285.8	7234.5	7189.3	7185.3	7205.6	7241.2	7267.3
17°	7390.3	7339.7	7281.6	7235.9	7168.4	7112.3	7064.6	7062.2	7081.3	7116.0	7147.5
18°	7284.7	7228.1	7169.5	7112.2	7038.6	6984.1	6929.3	6928.0	6948.3	6981.5	7016.2
19°	7168.6	7106.5	7049.5	6981.5	6904.3	6846.0	6791.0	6787.6	6804.4	6838.7	6879.2
20°	7047.3	6984.5	6917.0	6836.0	6759.2	6699.7	6649.9	6640.9	6653.1	6684.3	6734.8
21°	6923.6	6854.2	6783.5	6686.3	6605.3	6551.7	6508.4	6492.5	6489.6	6523.6	6573.5
22°	6794.8	6714.9	6631.0	6525.2	6442.0	6402.2	6362.9	6339.6	6328.1	6360.1	6413.1
23°	6656.2	6566.8	6470.3	6356.4	6276.8	6255.2	6226.8	6194.1	6162.9	6182.8	6243.2
24°	6517.6	6424.3	6310.0	6187.5	6114.4	6115.4	6102.6	6057.4	6005.4	6007.9	6087.5
25°	6388.4	6292.8	6157.2	6022.2	5956.7	5984.3	5989.4	5926.0	5848.8	5836.0	5934.7
26°	6271.1	6168.3	6007.2	5858.0	5800.8	5859.1	5879.2	5804.5	5700.2	5677.5	5784.1
27°	6160.4	6049.1	5862.9	5696.0	5653.8	5738.4	5770.0	5687.3	5558.7	5516.4	5635.7
28°	6052.7	5930.0	5717.4	5539.5	5513.1	5620.4	5663.3	5572.9	5416.9	5361.8	5494.4
29°	5955.8	5815.0	5581.9	5388.9	5372.2	5504.7	5558.7	5457.6	5280.4	5209.6	5353.3
30°	5865.8	5705.7	5444.7	5238.7	5230.7	5390.1	5455.8	5343.8	5146.8	5061.1	5215.1
31°	5772.0	5596.2	5309.4	5093.2	5096.4	5275.2	5347.9	5227.4	5021.6	4922.5	5082.7
32°	5681.0	5492.0	5176.7	4954.8	4963.7	5161.8	5235.7	5109.5	4898.7	4784.3	4954.5
33°	5596.5	5393.5	5045.6	4815.6	4834.7	5039.4	5119.4	4987.6	4774.1	4650.3	4827.9
34°	5512.3	5297.4	4920.8	4678.1	4700.1	4916.4	4995.6	4858.7	4646.5	4515.0	4700.9
35°	5425.8	5201.7	4794.5	4535.5	4560.5	4782.6	4863.7	4719.7	4506.8	4376.5	4570.1
36°	5338.4	5101.6	4668.9	4386.3	4423.9	4642.4	4717.1	4575.2	4352.9	4228.5	4431.2
37°	5244.1	4991.5	4538.3	4240.0	4282.9	4498.7	4563.7	4424.3	4190.3	4062.9	4280.6
38°	5138.1	4861.9	4406.5	4100.3	4138.0	4340.8	4402.9	4263.7	4015.3	3885.0	4115.4
39°	5009.6	4715.8	4262.5	3950.1	3982.6	4173.9	4232.3	4089.0	3836.2	3703.2	3945.2
40°	4851.0	4557.6	4096.7	3787.4	3814.7	3987.0	4051.7	3905.5	3652.9	3520.3	3759.4
41°	4680.5	4383.7	3911.5	3612.1	3636.8	3789.2	3848.7	3720.4	3461.0	3333.5	3564.6
42°	4478.8	4189.6	3713.4	3426.3	3444.5	3570.7	3629.5	3515.0	3255.0	3139.0	3360.4
43°	4255.7	3978.6	3509.5	3230.7	3250.0	3341.0	3408.5	3315.6	3045.8	2934.4	3155.7
44°	4022.5	3745.5	3303.1	3032.2	3049.3	3116.0	3192.1	3110.8	2845.7	2754.6	2964.5

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CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3758.9	3507.0	3089.3	2832.7	2853.3	2905.2	2982.2	2919.0	2645.5	2574.6	2786.9
46°	3489.8	3267.9	2875.6	2640.8	2663.2	2697.3	2754.3	2686.8	2444.0	2394.6	2609.2
47°	3226.4	3036.6	2664.4	2453.0	2449.2	2461.4	2526.5	2453.9	2181.0	2206.6	2429.8
48°	2975.6	2809.5	2441.6	2234.3	2221.3	2241.2	2298.8	2193.4	1921.9	1973.4	2188.9
49°	2711.1	2559.4	2178.9	1993.7	1996.9	2028.5	2082.7	1931.0	1690.1	1739.4	1921.8
50°	2464.0	2294.3	1913.6	1735.1	1786.6	1819.8	1899.7	1711.0	1443.7	1444.2	1682.8
51°	2274.6	2017.7	1693.0	1521.1	1605.1	1664.3	1756.1	1562.0	1261.2	1212.6	1452.6
52°	2054.7	1762.2	1519.9	1365.8	1446.2	1525.1	1627.2	1450.8	1132.3	1029.6	1297.0
53°	1756.8	1602.9	1354.3	1277.0	1302.2	1378.0	1511.0	1363.9	1023.0	887.8	1205.9
54°	1599.6	1481.8	1246.1	1188.7	1201.4	1254.6	1376.2	1297.7	933.2	751.5	1106.2
55°	1459.5	1315.1	1138.8	1100.5	1100.6	1131.2	1260.8	1212.0	851.2	636.7	988.4
56°	1289.5	1191.6	1031.6	1000.3	999.7	1007.9	1160.3	1127.2	775.0	543.0	865.3
57°	1134.2	1069.5	933.4	916.8	941.1	922.0	1056.8	1041.5	717.2	488.0	766.0
58°	979.1	947.3	848.2	838.2	856.0	820.5	956.3	981.3	659.5	450.1	677.8
59°	870.2	869.2	775.9	760.7	789.5	735.9	866.4	885.3	585.0	418.2	608.7
60°	767.4	817.3	710.3	689.7	720.0	630.8	794.2	789.7	530.9	388.8	549.0
61°	671.8	740.2	637.2	627.5	646.2	542.5	713.1	728.5	500.4	363.2	495.3
62°	590.1	651.5	571.7	569.1	577.9	496.6	641.6	670.8	458.6	340.3	448.7
63°	523.8	573.2	513.1	514.9	521.9	457.5	585.8	610.9	416.8	319.0	408.5
64°	458.7	517.0	464.9	468.9	474.6	411.9	526.4	543.2	378.7	298.3	372.7
65°	405.8	461.5	423.8	428.1	428.7	370.9	470.1	482.3	344.1	277.6	338.0
66°	362.7	411.3	382.8	389.5	386.8	335.7	415.7	425.4	313.6	257.3	307.8
67°	324.9	366.4	344.5	352.1	346.8	304.6	364.6	372.8	283.0	237.6	277.7
68°	291.1	323.8	308.5	314.2	308.0	275.6	323.3	332.0	252.4	219.2	247.5
69°	259.2	283.8	273.2	277.0	272.4	247.1	282.1	291.2	228.9	201.2	221.6
70°	230.1	247.8	239.0	243.4	241.1	221.0	241.2	250.8	208.0	184.4	198.9
71°	203.8	217.3	209.0	212.6	213.1	197.7	212.9	223.1	188.7	168.1	176.7
72°	179.4	190.2	182.1	187.3	187.7	176.5	187.8	197.2	169.6	151.8	156.2
73°	155.8	164.7	157.5	164.5	165.3	156.5	164.8	172.5	151.4	135.9	137.2
74°	135.4	142.2	135.5	144.2	144.1	138.0	143.2	150.4	134.1	120.7	119.9
75°	117.4	122.7	116.8	125.7	126.2	121.0	123.4	128.8	117.3	105.8	102.8
76°	99.6	103.2	98.2	106.9	107.6	103.9	105.0	109.2	101.3	92.1	86.4
77°	81.8	83.8	79.5	88.1	89.0	86.8	89.1	92.9	87.0	79.0	72.6
78°	66.2	66.7	65.4	72.6	75.1	73.6	75.6	78.2	73.5	65.7	60.4
79°	51.0	52.7	53.4	59.8	62.1	61.0	62.6	64.7	61.3	54.2	50.1
80°	38.7	40.6	42.2	48.6	49.6	49.5	49.9	53.0	50.2	44.7	41.1
81°	29.0	30.5	31.9	39.1	40.8	40.8	40.7	43.0	39.8	36.3	33.4
82°	21.5	23.9	25.2	29.8	31.7	32.7	32.9	34.5	31.7	27.9	25.6
83°	15.3	16.6	17.0	20.6	22.3	24.0	25.1	25.9	23.7	19.5	17.9
84°	9.9	11.6	11.9	12.5	14.9	16.5	17.4	17.5	15.6	13.3	12.1
85°	4.5	6.6	7.0	7.7	9.5	11.7	11.2	11.2	10.1	8.3	7.6
86°	1.4	1.6	2.0	3.1	4.3	7.0	6.2	6.2	5.4	4.5	4.2
87°	0.5	0.5	0.6	0.8	1.4	2.2	2.2	2.5	2.3	1.8	1.8
88°	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
89°	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.3



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CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440366
CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-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: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4	8015.4
1°	8012.1	8012.9	8015.2	8016.6	8016.2	8018.5	8016.2	8019.4	8022.7	8018.0	8018.0
2°	8005.4	8005.7	8008.2	8010.9	8014.4	8015.6	8016.7	8019.5	8017.2	8017.2	8016.3
3°	7990.0	7993.1	7998.2	8005.7	8010.7	8010.1	8016.2	8020.3	8013.8	8015.0	8013.4
4°	7967.5	7973.7	7979.9	7990.7	7997.7	8002.0	8007.5	8009.6	8011.1	8007.9	8011.1
5°	7942.5	7953.2	7964.7	7972.8	7982.4	7989.7	7997.1	8005.2	8002.0	8002.4	8004.7
6°	7918.0	7928.4	7940.5	7950.3	7964.2	7971.7	7979.2	7983.8	7985.1	7990.4	7992.6
7°	7889.9	7904.9	7918.9	7927.7	7939.4	7947.2	7954.9	7961.9	7965.0	7968.0	7971.1
8°	7859.0	7875.3	7889.2	7901.1	7914.9	7921.9	7928.5	7937.6	7942.2	7946.5	7943.3
9°	7818.8	7837.7	7855.1	7867.8	7883.1	7891.5	7897.9	7907.8	7915.3	7916.7	7913.4
10°	7772.3	7791.9	7811.3	7827.5	7846.7	7855.4	7865.5	7877.3	7880.9	7886.0	7885.6
11°	7717.9	7735.6	7754.9	7778.9	7802.6	7817.4	7828.2	7840.9	7848.5	7849.9	7853.3
12°	7656.5	7671.8	7697.7	7722.2	7745.1	7769.9	7784.2	7792.0	7799.1	7807.8	7812.2
13°	7580.3	7601.9	7628.3	7660.3	7685.0	7712.9	7723.3	7735.4	7745.5	7756.7	7763.4
14°	7494.0	7521.0	7547.8	7586.1	7618.0	7639.5	7656.9	7671.1	7685.3	7701.5	7710.9
15°	7396.5	7425.0	7456.6	7501.7	7541.8	7564.9	7577.4	7596.4	7613.0	7634.7	7647.6
16°	7290.7	7318.4	7355.3	7403.7	7449.7	7471.9	7488.9	7509.7	7534.2	7560.8	7572.3
17°	7173.1	7204.0	7244.6	7297.0	7345.0	7365.1	7387.4	7409.9	7439.9	7472.3	7491.6
18°	7046.6	7084.6	7129.7	7181.5	7225.2	7248.3	7267.5	7295.8	7331.4	7376.7	7396.7
19°	6914.4	6958.1	7006.2	7057.2	7094.2	7116.5	7135.4	7168.5	7210.5	7262.1	7287.2
20°	6770.7	6816.2	6869.8	6922.6	6949.7	6969.9	6992.2	7029.1	7078.9	7135.2	7169.2
21°	6617.9	6666.3	6719.6	6776.6	6799.4	6811.8	6833.8	6882.6	6935.3	6994.4	7036.8
22°	6474.0	6534.2	6580.9	6619.4	6633.2	6638.7	6673.6	6725.0	6777.8	6842.4	6893.2
23°	6333.5	6414.0	6456.8	6468.2	6460.2	6458.7	6502.3	6565.8	6621.4	6679.1	6736.3
24°	6203.3	6302.6	6341.1	6324.8	6278.7	6272.1	6329.8	6407.8	6463.3	6508.9	6564.9
25°	6090.7	6204.3	6230.0	6179.6	6099.0	6088.6	6155.8	6245.0	6308.8	6336.4	6391.3
26°	5977.9	6109.0	6126.9	6036.9	5920.3	5912.3	5989.9	6097.0	6156.3	6166.9	6219.5
27°	5866.0	6020.4	6022.9	5898.1	5747.8	5738.4	5835.5	5951.0	6007.5	6000.3	6042.9
28°	5753.3	5933.2	5921.5	5759.9	5586.4	5573.5	5688.3	5820.1	5864.9	5836.0	5863.6
29°	5646.3	5845.3	5819.6	5622.7	5428.0	5412.0	5544.2	5689.1	5721.2	5677.8	5693.7
30°	5546.0	5757.2	5719.2	5482.5	5270.0	5256.8	5409.6	5559.8	5586.3	5521.3	5521.1
31°	5443.7	5668.8	5619.7	5344.7	5116.8	5107.2	5277.9	5437.8	5457.8	5367.2	5356.7
32°	5344.2	5581.2	5523.9	5208.5	4968.6	4965.3	5148.7	5316.6	5330.8	5213.9	5195.6
33°	5243.1	5494.9	5423.3	5075.8	4826.0	4832.6	5020.6	5201.0	5202.3	5061.3	5042.1
34°	5139.2	5412.4	5317.9	4946.8	4685.6	4701.7	4896.5	5083.6	5081.5	4911.7	4888.0
35°	5030.8	5329.1	5210.1	4814.2	4546.3	4568.7	4767.0	4961.9	4957.5	4761.1	4735.6
36°	4916.7	5235.1	5093.4	4673.2	4405.0	4434.9	4634.1	4839.2	4828.0	4612.7	4585.5
37°	4789.8	5121.9	4964.8	4532.5	4259.6	4294.4	4503.4	4714.2	4691.8	4465.6	4437.5
38°	4642.5	4987.2	4822.3	4379.6	4107.6	4145.4	4369.2	4581.9	4547.4	4313.0	4290.1
39°	4476.2	4834.5	4660.2	4212.8	3948.3	3985.6	4225.4	4442.4	4396.5	4155.4	4135.4
40°	4289.6	4659.1	4476.7	4032.0	3773.7	3814.7	4065.4	4284.0	4233.8	3993.7	3979.4
41°	4089.1	4466.0	4267.9	3839.1	3590.4	3635.5	3890.2	4102.1	4049.5	3819.5	3811.9
42°	3872.0	4252.1	4036.9	3626.3	3398.4	3447.5	3700.5	3902.5	3846.0	3636.4	3630.6
43°	3648.9	4022.0	3796.1	3399.3	3196.2	3253.6	3496.7	3682.6	3620.3	3443.9	3431.5
44°	3435.8	3798.6	3558.0	3169.0	2980.1	3047.5	3288.9	3454.3	3376.0	3236.0	3229.0

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3222.8	3576.6	3318.9	2942.3	2781.6	2836.3	3072.5	3224.9	3124.6	3019.9	3024.3
46°	3023.1	3365.4	3099.7	2735.4	2583.0	2625.2	2865.0	3000.7	2867.2	2796.9	2821.8
47°	2789.2	3116.2	2854.9	2528.6	2384.5	2414.0	2657.4	2797.6	2643.3	2580.9	2626.6
48°	2555.2	2910.0	2610.2	2319.7	2171.8	2184.1	2449.1	2572.9	2410.7	2379.9	2437.2
49°	2321.5	2703.9	2366.7	2040.9	1892.0	1904.2	2190.5	2346.0	2172.0	2164.6	2207.7
50°	2122.6	2497.8	2172.2	1802.0	1597.4	1655.1	1919.4	2105.1	1951.7	1937.5	1947.6
51°	1941.5	2297.5	2036.1	1605.8	1332.0	1443.1	1681.9	1886.4	1773.1	1708.2	1684.1
52°	1802.4	2095.0	1873.3	1396.1	1093.8	1220.0	1500.9	1719.0	1620.7	1506.0	1466.1
53°	1725.2	1986.2	1793.0	1298.6	963.2	1078.7	1389.5	1601.4	1477.2	1346.9	1317.4
54°	1622.5	1881.2	1703.3	1187.2	828.8	979.8	1313.8	1458.9	1334.6	1246.3	1219.5
55°	1514.3	1744.4	1554.2	1062.2	696.7	892.5	1256.0	1329.5	1211.6	1145.7	1122.8
56°	1356.8	1587.3	1393.5	945.0	589.8	821.0	1190.8	1222.0	1089.1	1045.2	1026.1
57°	1208.5	1418.6	1249.6	833.6	522.1	766.5	1102.7	1114.8	966.6	976.2	939.5
58°	1103.1	1277.6	1121.2	735.4	480.5	716.7	1017.7	1007.6	843.4	877.3	864.8
59°	989.1	1164.5	1004.6	660.9	444.3	643.9	964.2	924.4	782.3	793.7	794.8
60°	866.6	1040.1	886.8	609.2	413.5	570.6	873.5	840.4	696.4	745.8	729.5
61°	768.5	912.7	781.2	541.3	385.7	516.5	774.2	748.5	596.3	677.4	666.5
62°	683.8	800.3	681.4	476.6	360.7	477.5	700.6	682.6	527.7	607.9	608.3
63°	603.3	698.8	602.1	424.6	337.8	437.1	644.4	626.3	468.9	539.9	554.8
64°	545.2	613.5	534.4	382.0	316.3	400.4	578.3	564.2	418.6	485.7	502.3
65°	488.2	536.6	476.9	344.6	294.8	364.3	516.0	505.1	379.7	441.3	454.1
66°	433.9	473.0	423.1	314.4	273.2	333.3	459.9	449.8	345.0	399.9	411.5
67°	384.5	413.0	377.1	284.2	253.0	302.3	407.0	398.8	314.7	360.4	371.7
68°	339.5	358.1	335.2	254.0	232.7	271.5	359.6	350.9	285.8	322.7	331.7
69°	294.4	310.8	293.3	228.4	214.6	247.0	321.4	307.5	258.2	286.9	292.0
70°	249.5	264.0	251.6	204.5	197.2	223.4	283.3	267.8	232.1	253.5	255.0
71°	214.3	228.9	218.6	181.7	180.3	201.3	245.2	234.4	207.0	222.2	222.6
72°	183.4	196.8	189.6	161.6	163.3	181.4	216.8	205.8	185.1	195.4	194.9
73°	156.9	167.1	163.4	142.7	146.4	163.0	191.4	179.9	164.8	171.9	171.3
74°	132.2	140.8	139.2	125.3	130.2	145.1	167.3	156.7	146.1	150.8	149.8
75°	110.8	118.1	116.7	108.5	114.4	127.6	144.4	135.5	127.3	131.0	130.0
76°	92.7	98.3	97.7	91.9	100.0	111.0	122.0	117.7	110.7	114.2	112.2
77°	77.3	81.9	81.7	77.3	86.0	95.0	103.0	100.0	94.2	97.3	94.5
78°	63.7	67.8	67.6	65.0	72.3	80.1	86.8	82.3	79.5	80.5	76.7
79°	52.0	55.1	55.1	54.4	60.2	67.7	72.9	69.3	67.5	67.7	63.9
80°	41.8	44.1	44.4	44.5	49.7	56.3	60.2	55.7	55.5	55.3	52.5
81°	34.1	36.1	36.2	36.5	40.3	45.3	49.0	44.4	44.3	44.2	42.2
82°	26.3	28.2	28.0	28.5	32.4	36.4	39.0	35.9	35.7	34.9	32.4
83°	18.6	20.2	19.8	20.4	24.5	27.6	30.6	27.9	26.9	25.9	23.0
84°	12.6	13.8	13.7	14.2	16.6	18.8	22.2	20.5	19.3	17.9	14.7
85°	8.0	8.6	8.7	9.0	10.8	12.8	13.9	13.7	12.6	12.8	9.4
86°	4.0	4.4	4.6	5.1	5.9	7.8	8.4	9.0	8.4	7.7	4.2
87°	1.8	1.8	2.0	2.2	2.6	3.9	4.4	4.3	4.3	2.6	1.3
88°	0.9	0.9	1.0	0.9	1.0	1.3	1.3	1.1	1.2	0.7	0.4
89°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440366
CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	8015.4	8015.4	8015.4
1°	8016.7	8015.8	8013.4
2°	8015.4	8014.8	8011.6
3°	8015.2	8012.1	8006.5
4°	8009.8	8004.3	7994.8
5°	7997.7	7990.9	7979.5
6°	7982.8	7973.4	7958.9
7°	7959.5	7949.0	7932.3
8°	7934.3	7925.8	7910.7
9°	7911.4	7898.2	7883.1
10°	7880.9	7874.3	7849.7
11°	7847.0	7834.9	7810.9
12°	7806.0	7789.4	7761.8
13°	7757.8	7739.6	7706.8
14°	7700.5	7681.2	7646.1
15°	7638.8	7616.2	7574.3
16°	7563.8	7536.0	7488.9
17°	7479.1	7446.0	7390.3
18°	7386.5	7342.4	7284.7
19°	7281.4	7233.1	7168.6
20°	7163.0	7113.1	7047.3
21°	7036.3	6991.7	6923.6
22°	6899.0	6859.6	6794.8
23°	6748.0	6719.7	6656.2
24°	6590.3	6575.8	6517.6
25°	6434.1	6427.2	6388.4
26°	6273.3	6294.3	6271.1
27°	6117.6	6171.7	6160.4
28°	5961.9	6051.2	6052.7
29°	5817.2	5934.8	5955.8
30°	5666.6	5820.1	5865.8
31°	5520.6	5707.8	5772.0
32°	5384.3	5602.4	5681.0
33°	5248.1	5499.2	5596.5
34°	5113.2	5399.0	5512.3
35°	4972.6	5300.1	5425.8
36°	4841.6	5207.5	5338.4
37°	4713.8	5107.0	5244.1
38°	4571.0	4997.6	5138.1
39°	4414.1	4864.1	5009.6
40°	4244.7	4700.4	4851.0
41°	4062.8	4520.2	4680.5
42°	3860.5	4327.5	4478.8
43°	3658.0	4120.3	4255.7
44°	3451.2	3899.6	4022.5

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3235.2	3655.3	3758.9
46°	3017.8	3406.8	3489.8
47°	2798.5	3161.9	3226.4
48°	2582.3	2921.7	2975.6
49°	2357.8	2662.6	2711.1
50°	2094.0	2395.9	2464.0
51°	1816.5	2096.9	2274.6
52°	1573.9	1881.5	2054.7
53°	1431.2	1664.6	1756.8
54°	1293.0	1487.9	1599.6
55°	1199.9	1368.3	1459.5
56°	1107.4	1245.8	1289.5
57°	1014.9	1123.3	1134.2
58°	922.4	1000.8	979.1
59°	837.9	905.9	870.2
60°	758.0	800.3	767.4
61°	690.6	706.7	671.8
62°	623.7	636.0	590.1
63°	556.8	569.7	523.8
64°	497.9	508.3	458.7
65°	446.0	453.0	405.8
66°	392.3	404.0	362.7
67°	341.5	362.6	324.9
68°	300.2	323.3	291.1
69°	263.8	287.3	259.2
70°	233.7	252.9	230.1
71°	205.4	223.0	203.8
72°	180.7	196.5	179.4
73°	158.2	170.1	155.8
74°	136.8	146.1	135.4
75°	118.8	126.5	117.4
76°	100.8	107.0	99.6
77°	82.7	87.6	81.8
78°	68.6	71.0	66.2
79°	56.9	56.0	51.0
80°	45.4	43.4	38.7
81°	34.6	32.5	29.0
82°	25.9	23.7	21.5
83°	18.5	17.4	15.3
84°	13.2	12.2	9.9
85°	7.9	7.0	4.5
86°	2.7	1.8	1.4
87°	0.7	0.6	0.5
88°	0.3	0.2	0.2
89°	0.1	0.1	0.1

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440366

CATALOG NUMBER: XSF200-SFTR-6Hx6V-830-Position 4

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)