

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: P1440327

Luminaire Tested: XSF100-SFTR-6Hx6V-830-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440327
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF100-SFTR-6Hx6V-830-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 3000K CCT
80 CRI LIGHT ENGINE AT Position 1
Light Source: (1) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16305 lumens
Efficiency: N/A
Efficacy: 149.6 lumens/watt
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G1

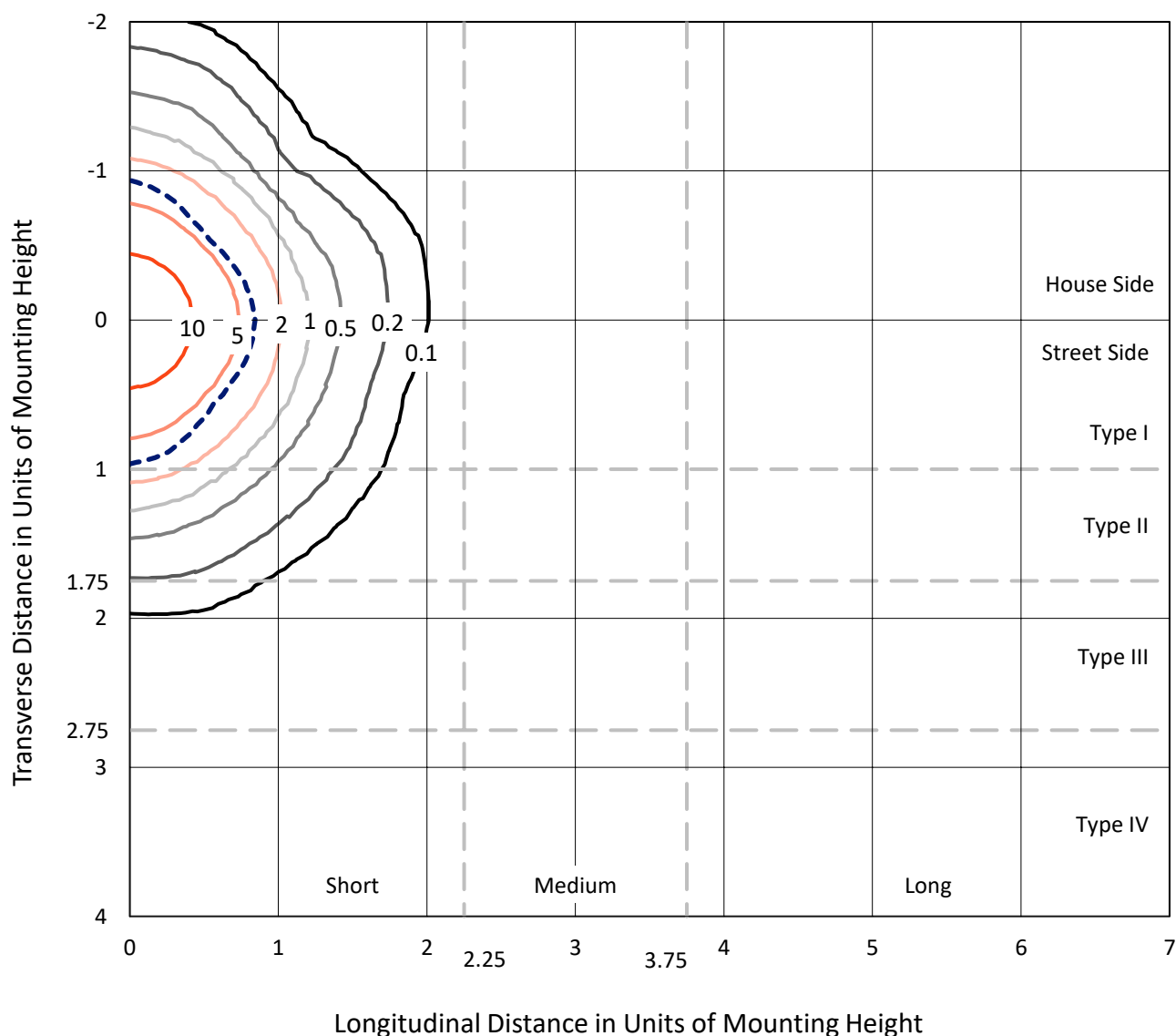
Input Watts (W): 109
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



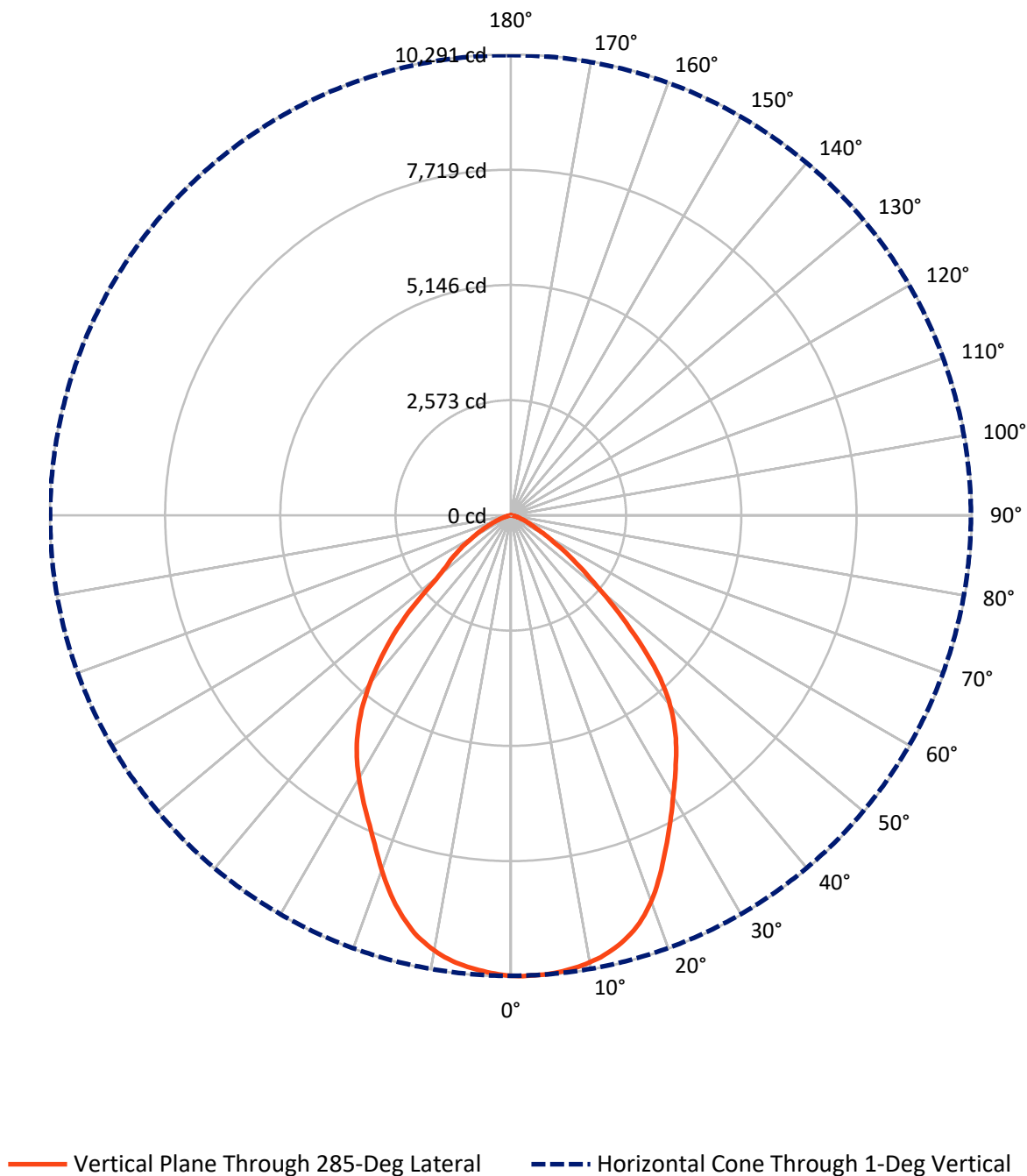
Based on 25 foot mounting height. Maximum calculated value = 16.5 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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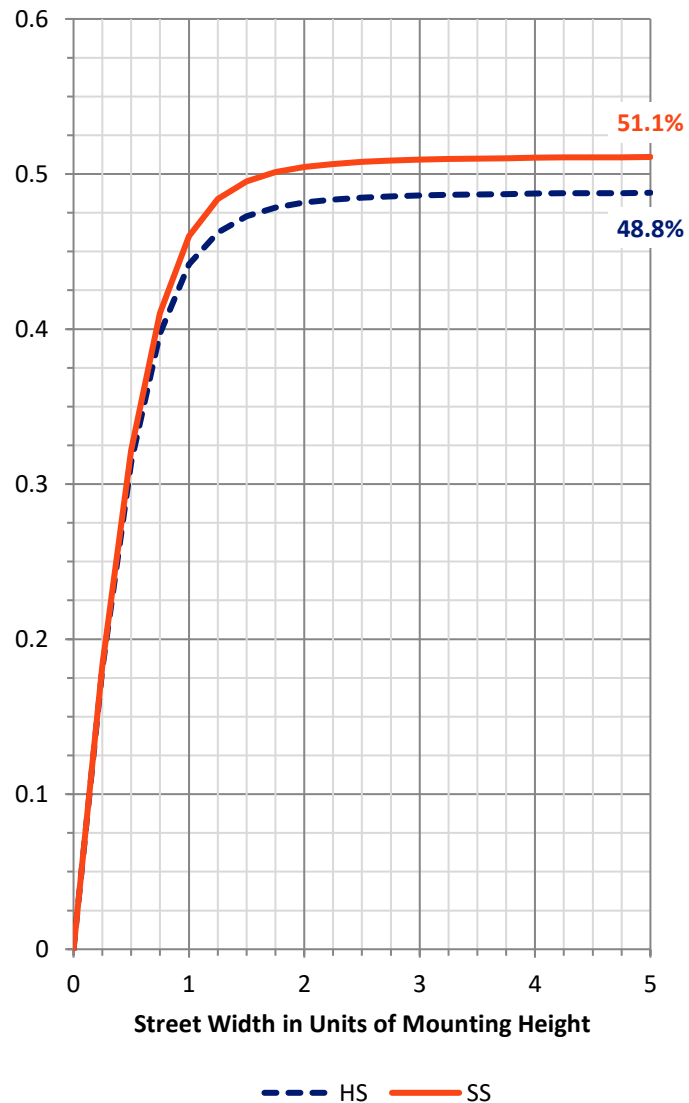
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8005.2	0.0	8005.2
	% Fixture	49.1	0.0	49.1
Street Side	Lumens	8299.8	0.0	8299.8
	% Fixture	50.9	0.0	50.9
Total	Lumens	16305.0	0.0	16305.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	969.0	5.9
10°-20°	2687.3	16.5
20°-30°	3632.5	22.3
30°-40°	3867.1	23.7
40°-50°	3012.6	18.5
50°-60°	1386.8	8.5
60°-70°	556.3	3.4
70°-80°	172.9	1.1
80°-90°	20.6	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°	16305.0	100.0
0°-180°	16305.0	100.0

Coefficient of Utilization



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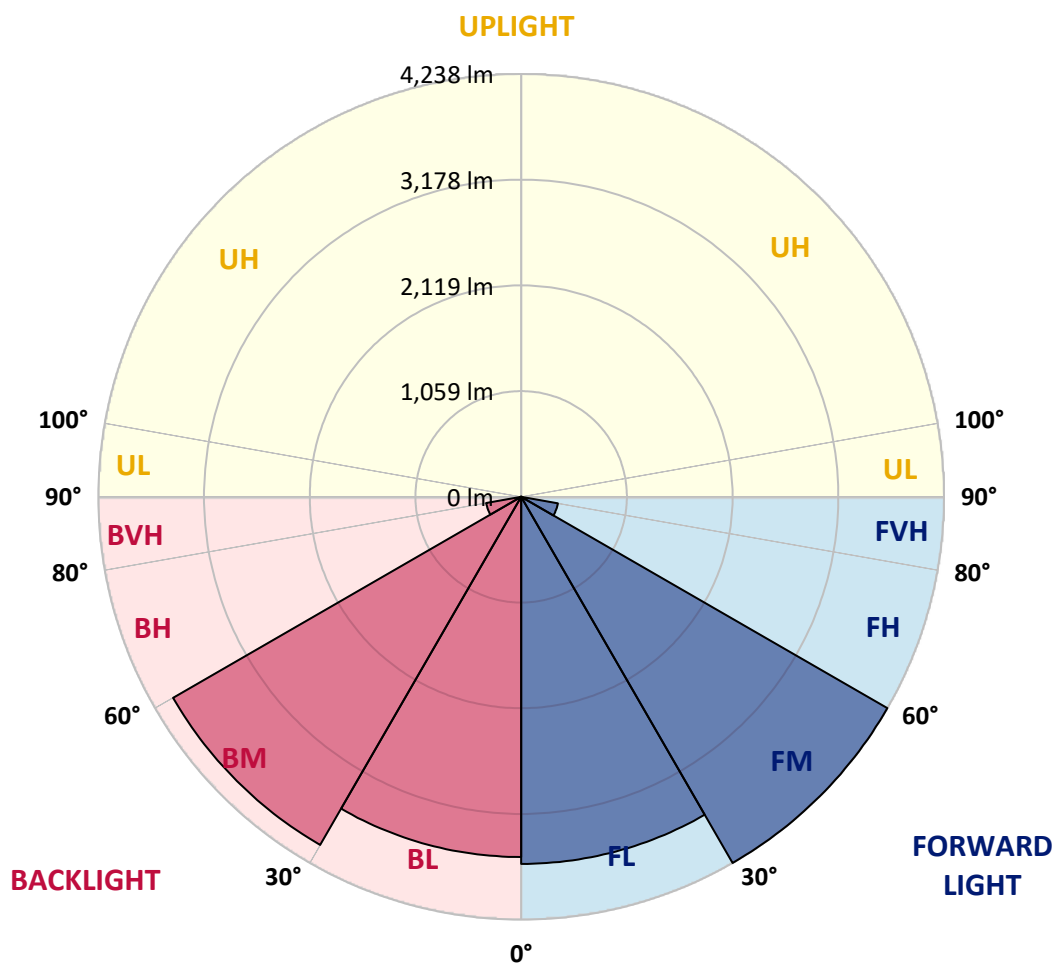
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3679.1	22.6			
FM	(30°-60°)	4237.7	26.0			
FH	(60°-80°)	373.2	2.3			G0/660
FVH	(80°-90°)	9.9	0.1			G0/10
BL	(0°-30°)	3609.7	22.1	B4/5000		
BM	(30°-60°)	4028.8	24.7	B3/5000		
BH	(60°-80°)	356.1	2.2	B1/500		G0/660
BVH	(80°-90°)	10.7	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0
1°	10279.6	10279.0	10277.8	10276.7	10270.7	10271.2	10272.6	10271.1	10273.9	10273.0	10275.8
2°	10277.3	10272.5	10266.6	10265.6	10263.1	10256.2	10254.2	10248.6	10252.8	10258.5	10261.3
3°	10270.7	10263.6	10256.0	10248.4	10240.4	10234.9	10225.2	10227.3	10230.3	10236.9	10242.0
4°	10255.6	10245.2	10234.4	10225.4	10214.6	10204.7	10198.6	10193.3	10199.9	10207.1	10211.9
5°	10236.0	10220.6	10210.5	10192.6	10179.2	10169.9	10161.4	10159.3	10161.6	10167.8	10178.8
6°	10209.6	10192.8	10171.2	10156.0	10140.9	10131.0	10124.1	10123.9	10121.6	10126.6	10143.4
7°	10175.4	10158.4	10137.7	10115.9	10098.8	10086.9	10085.7	10082.3	10081.9	10087.1	10103.5
8°	10147.8	10123.6	10097.0	10074.9	10051.3	10037.3	10035.4	10032.7	10036.3	10044.2	10060.9
9°	10112.4	10081.8	10053.3	10028.5	9998.7	9983.1	9972.9	9972.5	9976.0	9987.0	10011.6
10°	10069.5	10036.8	10002.6	9970.7	9938.9	9917.6	9901.1	9902.6	9912.7	9924.2	9945.8
11°	10019.8	9979.4	9939.4	9902.7	9871.4	9844.3	9822.5	9820.0	9832.4	9852.8	9876.9
12°	9956.7	9913.5	9870.5	9826.2	9792.6	9757.5	9732.7	9725.1	9743.2	9766.7	9797.2
13°	9886.3	9840.6	9793.1	9742.7	9697.3	9659.3	9627.9	9627.7	9642.4	9670.2	9702.5
14°	9808.4	9754.9	9701.4	9647.6	9596.0	9547.9	9506.1	9503.4	9522.9	9559.2	9590.0
15°	9716.3	9657.0	9598.5	9541.5	9479.7	9419.7	9370.3	9363.7	9389.4	9434.4	9464.3
16°	9606.7	9539.9	9476.3	9420.2	9346.2	9280.3	9222.4	9217.3	9243.3	9289.0	9322.5
17°	9480.2	9415.3	9340.7	9282.1	9195.5	9123.6	9062.3	9059.3	9083.8	9128.4	9168.8
18°	9344.8	9272.2	9196.9	9123.4	9029.1	8959.1	8888.8	8887.2	8913.2	8955.7	9000.4
19°	9195.9	9116.2	9043.0	8955.7	8856.8	8782.0	8711.4	8707.1	8728.6	8772.6	8824.5
20°	9040.2	8959.6	8873.0	8769.1	8670.7	8594.3	8530.4	8518.9	8534.5	8574.5	8639.3
21°	8881.5	8792.5	8701.8	8577.2	8473.2	8404.5	8348.9	8328.5	8324.8	8368.4	8432.5
22°	8716.3	8613.8	8506.1	8370.5	8263.7	8212.7	8162.3	8132.3	8117.6	8158.7	8226.7
23°	8538.6	8423.8	8300.0	8153.9	8051.8	8024.2	7987.7	7945.7	7905.7	7931.2	8008.7
24°	8360.8	8241.1	8094.4	7937.2	7843.5	7844.8	7828.3	7770.4	7703.6	7706.8	7809.0
25°	8195.0	8072.3	7898.4	7725.2	7641.1	7676.6	7683.1	7601.8	7502.8	7486.4	7613.0
26°	8044.5	7912.6	7705.9	7514.5	7441.2	7515.9	7541.8	7446.0	7312.1	7283.1	7419.8
27°	7902.5	7759.8	7520.9	7306.8	7252.6	7361.2	7401.7	7295.7	7130.6	7076.4	7229.4
28°	7764.4	7607.0	7334.3	7106.0	7072.2	7209.8	7264.9	7148.9	6948.8	6878.1	7048.1
29°	7640.1	7459.5	7160.4	6912.8	6891.4	7061.4	7130.6	7001.0	6773.6	6682.8	6867.1
30°	7524.6	7319.2	6984.4	6720.2	6709.9	6914.4	6998.7	6854.9	6602.2	6492.3	6689.9
31°	7404.2	7178.8	6810.8	6533.5	6537.6	6766.9	6860.2	6705.7	6441.6	6314.5	6520.1
32°	7287.5	7045.1	6640.7	6355.9	6367.4	6621.5	6716.3	6554.4	6284.0	6137.2	6355.6
33°	7179.1	6918.7	6472.4	6177.4	6201.9	6464.5	6567.2	6398.1	6124.1	5965.3	6193.2
34°	7071.1	6795.4	6312.4	6001.1	6029.2	6306.7	6408.3	6232.7	5960.5	5791.8	6030.3
35°	6960.1	6672.7	6150.3	5818.2	5850.2	6135.1	6239.1	6054.4	5781.3	5614.2	5862.4
36°	6848.0	6544.3	5989.2	5626.7	5674.9	5955.2	6051.0	5869.0	5583.9	5424.3	5684.3
37°	6727.1	6403.0	5821.7	5439.0	5494.1	5770.9	5854.3	5675.4	5375.3	5211.8	5491.1
38°	6591.1	6236.8	5652.6	5259.8	5308.2	5568.3	5648.0	5469.5	5150.8	4983.6	5279.1
39°	6426.2	6049.4	5467.9	5067.2	5108.8	5354.2	5429.1	5245.3	4921.1	4750.4	5060.8
40°	6222.8	5846.5	5255.2	4858.4	4893.5	5114.5	5197.5	5010.0	4685.9	4515.8	4822.5
41°	6004.1	5623.4	5017.6	4633.5	4665.2	4860.7	4937.0	4772.5	4439.8	4276.2	4572.6
42°	5745.4	5374.4	4763.5	4395.2	4418.6	4580.4	4655.8	4509.0	4175.4	4026.7	4310.7
43°	5459.2	5103.7	4502.0	4144.3	4169.1	4285.7	4372.3	4253.2	3907.2	3764.3	4048.1
44°	5160.0	4804.8	4237.2	3889.6	3911.6	3997.1	4094.9	3990.6	3650.4	3533.5	3802.9

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4821.9	4498.8	3962.9	3633.8	3660.1	3726.7	3825.5	3744.4	3393.6	3302.6	3575.0
46°	4476.6	4192.1	3688.8	3387.6	3416.3	3460.0	3533.2	3446.6	3135.1	3071.7	3347.1
47°	4138.8	3895.3	3417.9	3146.6	3141.8	3157.4	3241.0	3147.9	2797.8	2830.5	3116.9
48°	3817.0	3604.0	3132.1	2866.1	2849.5	2875.0	2948.8	2813.7	2465.4	2531.5	2807.9
49°	3477.8	3283.1	2795.1	2557.5	2561.6	2602.1	2671.7	2477.1	2168.1	2231.3	2465.2
50°	3160.8	2943.2	2454.8	2225.8	2291.9	2334.4	2436.9	2194.8	1852.0	1852.6	2158.7
51°	2917.8	2588.3	2171.8	1951.2	2059.0	2135.0	2252.7	2003.8	1617.8	1555.5	1863.4
52°	2635.8	2260.5	1949.8	1752.1	1855.2	1956.3	2087.4	1861.1	1452.6	1320.7	1663.8
53°	2253.6	2056.2	1737.2	1638.1	1670.4	1767.6	1938.3	1749.6	1312.2	1138.9	1546.9
54°	2051.9	1900.9	1598.5	1524.9	1541.1	1609.3	1765.4	1664.7	1197.1	964.0	1419.0
55°	1872.2	1687.0	1460.9	1411.7	1411.8	1451.1	1617.4	1554.7	1091.9	816.8	1267.9
56°	1654.2	1528.6	1323.3	1283.2	1282.5	1292.9	1488.4	1446.0	994.2	696.5	1110.0
57°	1455.0	1371.9	1197.3	1176.1	1207.2	1182.8	1355.6	1336.1	920.0	626.0	982.6
58°	1256.0	1215.2	1088.0	1075.2	1098.0	1052.6	1226.7	1258.8	846.0	577.4	869.5
59°	1116.3	1115.0	995.3	975.8	1012.8	944.0	1111.4	1135.6	750.4	536.4	780.8
60°	984.4	1048.5	911.2	884.8	923.6	809.1	1018.8	1013.0	681.1	498.7	704.2
61°	861.8	949.5	817.4	805.0	829.0	696.0	914.7	934.5	641.9	465.9	635.4
62°	756.9	835.7	733.4	730.0	741.4	637.1	823.0	860.4	588.3	436.6	575.6
63°	672.0	735.3	658.2	660.5	669.5	586.9	751.4	783.7	534.7	409.2	524.1
64°	588.5	663.1	596.4	601.5	608.7	528.3	675.2	696.8	485.8	382.6	478.1
65°	520.6	592.0	543.6	549.2	549.9	475.7	603.1	618.6	441.5	356.1	433.5
66°	465.3	527.6	491.0	499.6	496.2	430.7	533.3	545.8	402.2	330.0	394.9
67°	416.8	470.0	441.9	451.7	444.8	390.8	467.7	478.2	363.0	304.8	356.2
68°	373.5	415.3	395.7	403.0	395.1	353.5	414.8	425.9	323.8	281.2	317.5
69°	332.5	364.0	350.5	355.3	349.4	317.0	361.9	373.6	293.7	258.2	284.2
70°	295.1	317.9	306.6	312.3	309.3	283.5	309.4	321.8	266.8	236.5	255.2
71°	261.4	278.7	268.2	272.7	273.3	253.6	273.1	286.2	242.0	215.7	226.6
72°	230.1	244.0	233.6	240.3	240.7	226.4	240.9	253.0	217.6	194.8	200.4
73°	199.9	211.3	202.0	211.0	212.0	200.7	211.5	221.3	194.2	174.3	176.0
74°	173.6	182.4	173.8	185.0	184.9	177.1	183.7	192.9	172.0	154.8	153.8
75°	150.7	157.4	149.8	161.2	161.9	155.2	158.3	165.2	150.4	135.8	131.9
76°	127.8	132.4	125.9	137.1	138.0	133.3	134.6	140.0	129.9	118.2	110.8
77°	104.9	107.5	102.0	113.0	114.2	111.4	114.3	119.1	111.5	101.3	93.1
78°	85.0	85.5	83.9	93.1	96.4	94.4	97.0	100.3	94.3	84.3	77.5
79°	65.4	67.6	68.5	76.7	79.7	78.2	80.3	82.9	78.7	69.5	64.3
80°	49.6	52.1	54.1	62.4	63.7	63.5	64.0	67.9	64.4	57.3	52.8
81°	37.1	39.1	41.0	50.1	52.4	52.3	52.2	55.1	51.1	46.5	42.8
82°	27.6	30.7	32.3	38.2	40.7	41.9	42.2	44.2	40.7	35.7	32.8
83°	19.6	21.3	21.8	26.4	28.6	30.8	32.2	33.3	30.3	25.0	22.9
84°	12.7	14.8	15.3	16.0	19.1	21.2	22.3	22.4	20.0	17.0	15.6
85°	5.7	8.4	8.9	9.9	12.3	15.0	14.3	14.4	13.0	10.7	9.8
86°	1.8	2.0	2.6	3.9	5.5	9.0	8.0	7.9	7.0	5.7	5.3
87°	0.7	0.7	0.8	1.1	1.8	2.9	2.9	3.2	3.0	2.4	2.4
88°	0.3	0.3	0.3	0.3	0.4	0.6	0.7	0.7	0.8	0.9	1.0
89°	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440327
CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

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: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0	10282.0
1°	10277.8	10278.8	10281.9	10283.6	10283.1	10286.1	10283.1	10287.2	10291.4	10285.4	10285.4
2°	10269.3	10269.6	10272.8	10276.4	10280.8	10282.4	10283.8	10287.3	10284.3	10284.3	10283.3
3°	10249.5	10253.5	10260.1	10269.6	10276.0	10275.3	10283.1	10288.4	10280.1	10281.5	10279.6
4°	10220.6	10228.6	10236.5	10250.3	10259.4	10264.9	10271.9	10274.6	10276.5	10272.5	10276.5
5°	10188.5	10202.3	10217.0	10227.5	10239.7	10249.1	10258.7	10268.9	10264.9	10265.4	10268.4
6°	10157.2	10170.5	10186.1	10198.6	10216.3	10226.1	10235.6	10241.5	10243.3	10250.0	10252.8
7°	10121.1	10140.4	10158.3	10169.6	10184.6	10194.6	10204.5	10213.5	10217.4	10221.3	10225.2
8°	10081.4	10102.3	10120.2	10135.4	10153.1	10162.2	10170.7	10182.3	10188.2	10193.7	10189.6
9°	10029.9	10054.1	10076.4	10092.7	10112.4	10123.2	10131.3	10144.1	10153.7	10155.4	10151.2
10°	9970.2	9995.3	10020.3	10041.0	10065.6	10076.8	10089.7	10105.0	10109.6	10116.1	10115.6
11°	9900.4	9923.1	9947.9	9978.7	10009.2	10028.1	10041.9	10058.2	10067.9	10069.7	10074.1
12°	9821.6	9841.3	9874.6	9905.9	9935.3	9967.2	9985.4	9995.5	10004.6	10015.7	10021.4
13°	9723.9	9751.7	9785.5	9826.6	9858.3	9894.1	9907.3	9922.9	9935.9	9950.2	9958.9
14°	9613.2	9647.9	9682.3	9731.3	9772.2	9799.9	9822.2	9840.4	9858.6	9879.4	9891.4
15°	9488.2	9524.7	9565.2	9623.1	9674.5	9704.2	9720.2	9744.6	9765.9	9793.7	9810.3
16°	9352.4	9388.0	9435.3	9497.4	9556.4	9584.9	9606.7	9633.4	9664.7	9698.9	9713.6
17°	9201.5	9241.2	9293.2	9360.5	9422.2	9447.8	9476.5	9505.4	9543.8	9585.4	9610.2
18°	9039.3	9088.0	9145.9	9212.3	9268.5	9298.0	9322.6	9358.9	9404.6	9462.7	9488.4
19°	8869.7	8925.8	8987.4	9053.0	9100.4	9128.9	9153.2	9195.7	9249.5	9315.7	9348.0
20°	8685.3	8743.8	8812.5	8880.3	8915.0	8940.9	8969.6	9016.8	9080.8	9153.0	9196.6
21°	8489.3	8551.5	8619.8	8693.0	8722.2	8738.1	8766.3	8829.0	8896.6	8972.4	9026.7
22°	8304.8	8382.0	8441.9	8491.3	8509.0	8516.1	8560.9	8626.7	8694.6	8777.4	8842.6
23°	8124.6	8227.8	8282.7	8297.4	8287.1	8285.2	8341.1	8422.6	8493.9	8567.9	8641.3
24°	7957.6	8084.9	8134.3	8113.4	8054.3	8045.8	8119.8	8219.8	8291.0	8349.6	8421.3
25°	7813.1	7958.8	7991.7	7927.1	7823.7	7810.4	7896.7	8011.0	8092.9	8128.3	8198.7
26°	7668.4	7836.6	7859.5	7744.0	7594.6	7584.3	7683.8	7821.2	7897.2	7910.8	7978.3
27°	7524.8	7722.9	7726.1	7566.1	7373.2	7361.2	7485.7	7633.9	7706.3	7697.1	7751.8
28°	7380.3	7611.0	7596.0	7388.8	7166.2	7149.6	7296.9	7466.0	7523.4	7486.4	7521.8
29°	7243.1	7498.2	7465.3	7212.8	6962.9	6942.4	7112.0	7298.0	7339.0	7283.4	7303.8
30°	7114.3	7385.3	7336.6	7032.9	6760.4	6743.4	6939.4	7132.0	7166.0	7082.6	7082.5
31°	6983.1	7271.9	7208.9	6856.2	6563.8	6551.4	6770.5	6975.5	7001.2	6885.0	6871.6
32°	6855.5	7159.5	7086.0	6681.4	6373.6	6369.4	6604.7	6820.0	6838.3	6688.3	6664.9
33°	6725.8	7048.8	6956.9	6511.2	6190.7	6199.2	6440.4	6671.8	6673.4	6492.6	6468.0
34°	6592.5	6942.9	6821.8	6345.7	6010.6	6031.3	6281.2	6521.1	6518.5	6300.7	6270.2
35°	6453.5	6836.2	6683.5	6175.7	5832.0	5860.6	6115.1	6365.1	6359.5	6107.5	6074.7
36°	6307.1	6715.6	6533.7	5994.7	5650.6	5689.1	5944.6	6207.7	6193.4	5917.1	5882.3
37°	6144.3	6570.4	6368.9	5814.3	5464.2	5508.8	5776.9	6047.3	6018.6	5728.4	5692.4
38°	5955.4	6397.5	6185.9	5618.1	5269.2	5317.7	5604.8	5877.6	5833.4	5532.7	5503.3
39°	5742.0	6201.7	5978.0	5404.1	5064.9	5112.7	5420.3	5698.6	5639.8	5330.5	5304.8
40°	5502.6	5976.6	5742.7	5172.2	4840.9	4893.5	5215.0	5495.5	5431.1	5123.1	5104.7
41°	5245.5	5728.9	5474.8	4924.8	4605.7	4663.6	4990.3	5262.1	5194.7	4899.7	4889.9
42°	4967.0	5454.6	5178.6	4651.8	4359.4	4422.4	4747.0	5006.1	4933.7	4664.7	4657.2
43°	4680.8	5159.4	4869.6	4360.6	4100.0	4173.7	4485.5	4724.0	4644.1	4417.8	4401.9
44°	4407.4	4872.7	4564.1	4065.1	3822.9	3909.3	4219.0	4431.1	4330.7	4151.2	4142.1

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4134.2	4588.0	4257.4	3774.4	3568.2	3638.4	3941.3	4136.8	4008.3	3873.9	3879.5
46°	3877.9	4317.1	3976.2	3508.9	3313.4	3367.6	3675.2	3849.3	3678.0	3587.9	3619.8
47°	3578.0	3997.5	3662.3	3243.7	3058.8	3096.7	3408.9	3588.8	3390.8	3310.8	3369.4
48°	3277.8	3732.9	3348.3	2975.7	2785.9	2801.7	3141.7	3300.5	3092.4	3052.9	3126.4
49°	2978.0	3468.5	3035.9	2618.1	2427.0	2442.7	2810.0	3009.4	2786.3	2776.7	2832.0
50°	2722.9	3204.2	2786.5	2311.5	2049.1	2123.1	2462.2	2700.4	2503.7	2485.4	2498.4
51°	2490.6	2947.2	2611.9	2059.9	1708.7	1851.1	2157.5	2419.9	2274.5	2191.3	2160.3
52°	2312.1	2687.5	2403.1	1790.9	1403.1	1565.0	1925.3	2205.1	2079.0	1931.9	1880.7
53°	2213.1	2547.9	2300.0	1665.9	1235.6	1383.7	1782.4	2054.2	1894.9	1727.7	1690.0
54°	2081.3	2413.2	2184.9	1522.9	1063.2	1256.9	1685.3	1871.5	1712.0	1598.7	1564.4
55°	1942.5	2237.7	1993.7	1362.5	893.7	1144.9	1611.2	1705.4	1554.3	1469.7	1440.3
56°	1740.5	2036.2	1787.6	1212.2	756.6	1053.2	1527.5	1567.6	1397.1	1340.7	1316.3
57°	1550.3	1819.8	1603.0	1069.3	669.7	983.2	1414.5	1430.1	1239.9	1252.3	1205.1
58°	1415.0	1638.9	1438.2	943.4	616.3	919.4	1305.5	1292.6	1081.9	1125.5	1109.4
59°	1268.8	1493.8	1288.7	847.8	570.0	826.0	1236.9	1185.8	1003.6	1018.1	1019.6
60°	1111.6	1334.3	1137.5	781.5	530.4	732.0	1120.5	1078.0	893.4	956.7	935.8
61°	985.8	1170.8	1002.2	694.4	494.8	662.5	993.2	960.1	764.9	868.9	855.0
62°	877.2	1026.6	874.1	611.3	462.7	612.5	898.7	875.7	677.0	779.9	780.4
63°	773.9	896.4	772.4	544.6	433.4	560.7	826.6	803.4	601.5	692.5	711.8
64°	699.4	787.0	685.5	490.0	405.7	513.7	741.9	723.8	537.0	623.0	644.3
65°	626.3	688.3	611.8	442.0	378.1	467.3	661.9	647.9	487.1	566.1	582.5
66°	556.6	606.7	542.7	403.3	350.5	427.6	589.9	576.9	442.5	513.0	527.9
67°	493.3	529.8	483.8	364.5	324.6	387.8	522.1	511.6	403.7	462.3	476.8
68°	435.5	459.3	430.0	325.9	298.5	348.3	461.3	450.1	366.6	413.9	425.5
69°	377.7	398.8	376.3	293.0	275.2	316.8	412.3	394.4	331.3	368.0	374.6
70°	320.0	338.7	322.8	262.3	252.9	286.6	363.4	343.5	297.8	325.1	327.1
71°	274.8	293.6	280.4	233.1	231.2	258.2	314.5	300.6	265.5	285.0	285.5
72°	235.3	252.5	243.2	207.3	209.5	232.7	278.1	264.0	237.5	250.7	250.0
73°	201.3	214.4	209.6	183.1	187.8	209.1	245.6	230.8	211.4	220.5	219.7
74°	169.5	180.7	178.5	160.8	167.1	186.1	214.6	201.1	187.4	193.5	192.2
75°	142.2	151.5	149.7	139.2	146.8	163.7	185.2	173.9	163.3	168.1	166.8
76°	119.0	126.1	125.3	117.9	128.3	142.4	156.5	151.0	142.1	146.5	143.9
77°	99.2	105.0	104.8	99.2	110.3	121.8	132.1	128.3	120.9	124.9	121.2
78°	81.7	87.0	86.7	83.4	92.8	102.7	111.4	105.5	102.0	103.3	98.4
79°	66.7	70.7	70.7	69.7	77.2	86.8	93.5	88.9	86.6	86.9	82.0
80°	53.6	56.6	57.0	57.1	63.8	72.2	77.2	71.5	71.2	70.9	67.4
81°	43.7	46.4	46.5	46.8	51.7	58.1	62.9	57.0	56.8	56.7	54.2
82°	33.8	36.1	35.9	36.5	41.6	46.8	50.0	46.0	45.8	44.8	41.5
83°	23.9	25.9	25.4	26.2	31.4	35.4	39.3	35.8	34.5	33.2	29.4
84°	16.2	17.7	17.6	18.2	21.3	24.1	28.5	26.3	24.8	23.0	18.8
85°	10.2	11.0	11.1	11.6	13.8	16.4	17.8	17.6	16.2	16.4	12.1
86°	5.1	5.7	6.0	6.5	7.6	10.0	10.7	11.5	10.8	9.9	5.4
87°	2.3	2.4	2.6	2.9	3.4	5.0	5.7	5.5	5.5	3.3	1.7
88°	1.1	1.2	1.2	1.2	1.3	1.6	1.6	1.5	1.5	0.9	0.5
89°	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.2

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P1440327
CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	10282.0	10282.0	10282.0
1°	10283.8	10282.6	10279.6
2°	10282.0	10281.3	10277.3
3°	10281.9	10277.8	10270.7
4°	10275.0	10267.9	10255.6
5°	10259.4	10250.7	10236.0
6°	10240.2	10228.2	10209.6
7°	10210.3	10196.9	10175.4
8°	10178.1	10167.1	10147.8
9°	10148.7	10131.7	10112.4
10°	10109.6	10101.1	10069.5
11°	10066.0	10050.6	10019.8
12°	10013.4	9992.2	9956.7
13°	9951.6	9928.2	9886.3
14°	9878.1	9853.3	9808.4
15°	9799.0	9769.9	9716.3
16°	9702.8	9667.1	9606.7
17°	9594.1	9551.6	9480.2
18°	9475.3	9418.8	9344.8
19°	9340.5	9278.5	9195.9
20°	9188.6	9124.7	9040.2
21°	9026.0	8968.8	8881.5
22°	8850.0	8799.4	8716.3
23°	8656.3	8620.0	8538.6
24°	8453.9	8435.3	8360.8
25°	8253.6	8244.8	8195.0
26°	8047.3	8074.3	8044.5
27°	7847.6	7917.0	7902.5
28°	7647.9	7762.4	7764.4
29°	7462.3	7613.2	7640.1
30°	7269.1	7466.0	7524.6
31°	7081.8	7321.9	7404.2
32°	6907.0	7186.8	7287.5
33°	6732.2	7054.3	7179.1
34°	6559.2	6925.8	7071.1
35°	6378.8	6799.0	6960.1
36°	6210.7	6680.2	6848.0
37°	6046.8	6551.2	6727.1
38°	5863.7	6410.8	6591.1
39°	5662.3	6239.6	6426.2
40°	5445.1	6029.6	6222.8
41°	5211.7	5798.5	6004.1
42°	4952.3	5551.3	5745.4
43°	4692.5	5285.5	5459.2
44°	4427.2	5002.4	5160.0

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4150.1	4688.9	4821.9
46°	3871.2	4370.2	4476.6
47°	3589.8	4056.1	4138.8
48°	3312.5	3748.0	3817.0
49°	3024.6	3415.6	3477.8
50°	2686.2	3073.5	3160.8
51°	2330.1	2689.9	2917.8
52°	2019.0	2413.5	2635.8
53°	1835.9	2135.3	2253.6
54°	1658.6	1908.7	2051.9
55°	1539.3	1755.2	1872.2
56°	1420.6	1598.1	1654.2
57°	1301.9	1441.0	1455.0
58°	1183.2	1283.9	1256.0
59°	1074.8	1162.1	1116.3
60°	972.3	1026.7	984.4
61°	885.9	906.5	861.8
62°	800.1	815.8	756.9
63°	714.2	730.8	672.0
64°	638.7	652.0	588.5
65°	572.2	581.1	520.6
66°	503.2	518.2	465.3
67°	438.0	465.2	416.8
68°	385.1	414.8	373.5
69°	338.4	368.5	332.5
70°	299.8	324.4	295.1
71°	263.5	286.1	261.4
72°	231.8	252.1	230.1
73°	202.9	218.2	199.9
74°	175.5	187.4	173.6
75°	152.4	162.3	150.7
76°	129.3	137.3	127.8
77°	106.1	112.3	104.9
78°	88.0	91.0	85.0
79°	72.9	71.8	65.4
80°	58.3	55.6	49.6
81°	44.4	41.6	37.1
82°	33.2	30.3	27.6
83°	23.7	22.3	19.6
84°	17.0	15.6	12.7
85°	10.2	8.9	5.7
86°	3.4	2.3	1.8
87°	1.0	0.7	0.7
88°	0.4	0.3	0.3
89°	0.1	0.1	0.1

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440327

CATALOG NUMBER: XSF100-SFTR-6Hx6V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)