

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: P1440360

Luminaire Tested: XSF200-SFTR-5Hx5V-850-Position 2

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440360
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF200-SFTR-5Hx5V-850-Position 2
Description: LUMARK ALL SELECTABLE LUMINAIRE 200W w/ NEMA 5 FLOOD DISTRIBUTION 5000K CCT
80 CRI LIGHT ENGINE AT Position 2
Light Source: (1) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26297.1 lumens
Efficiency: N/A
Efficacy: 169.7 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 155
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

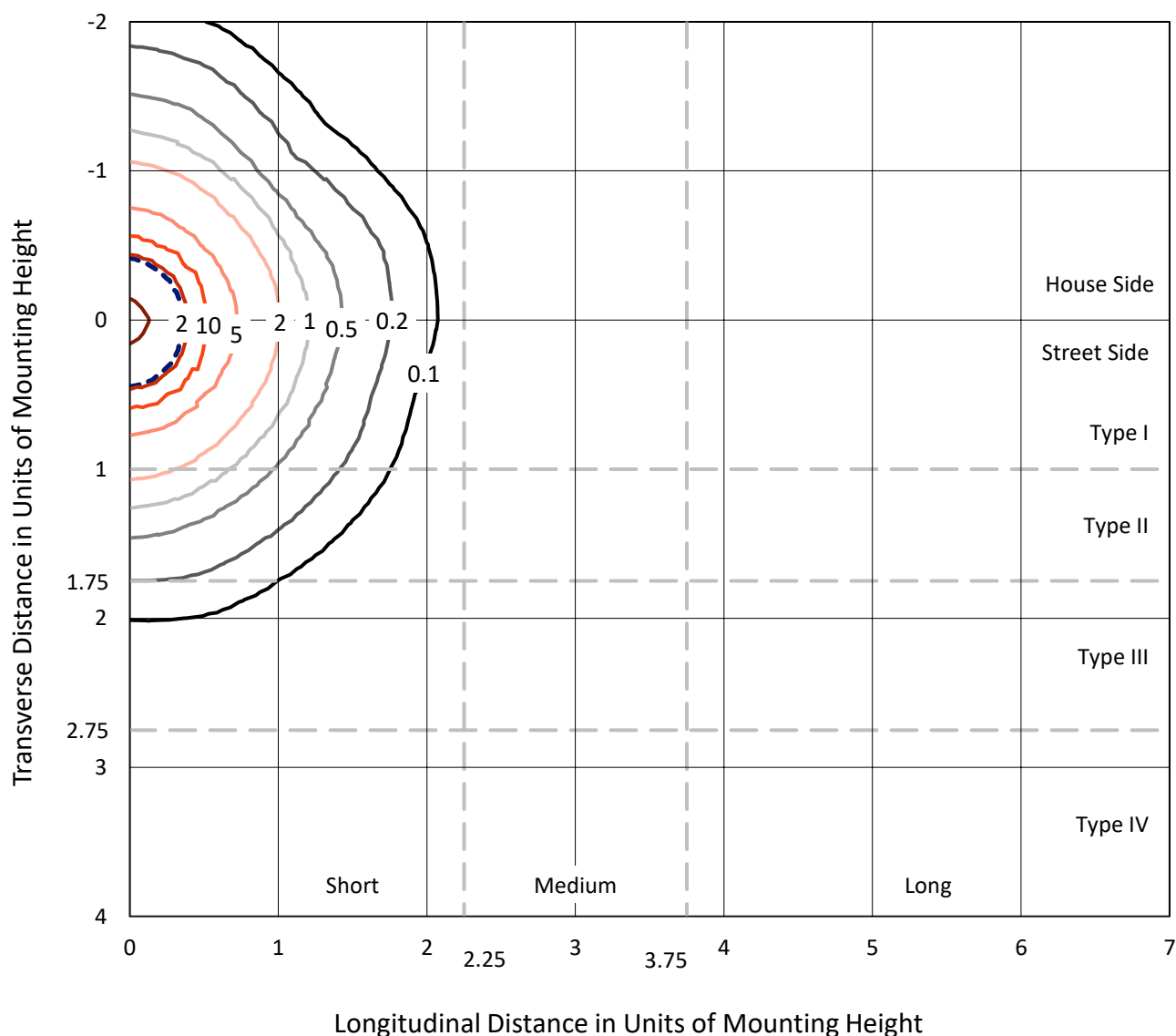
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



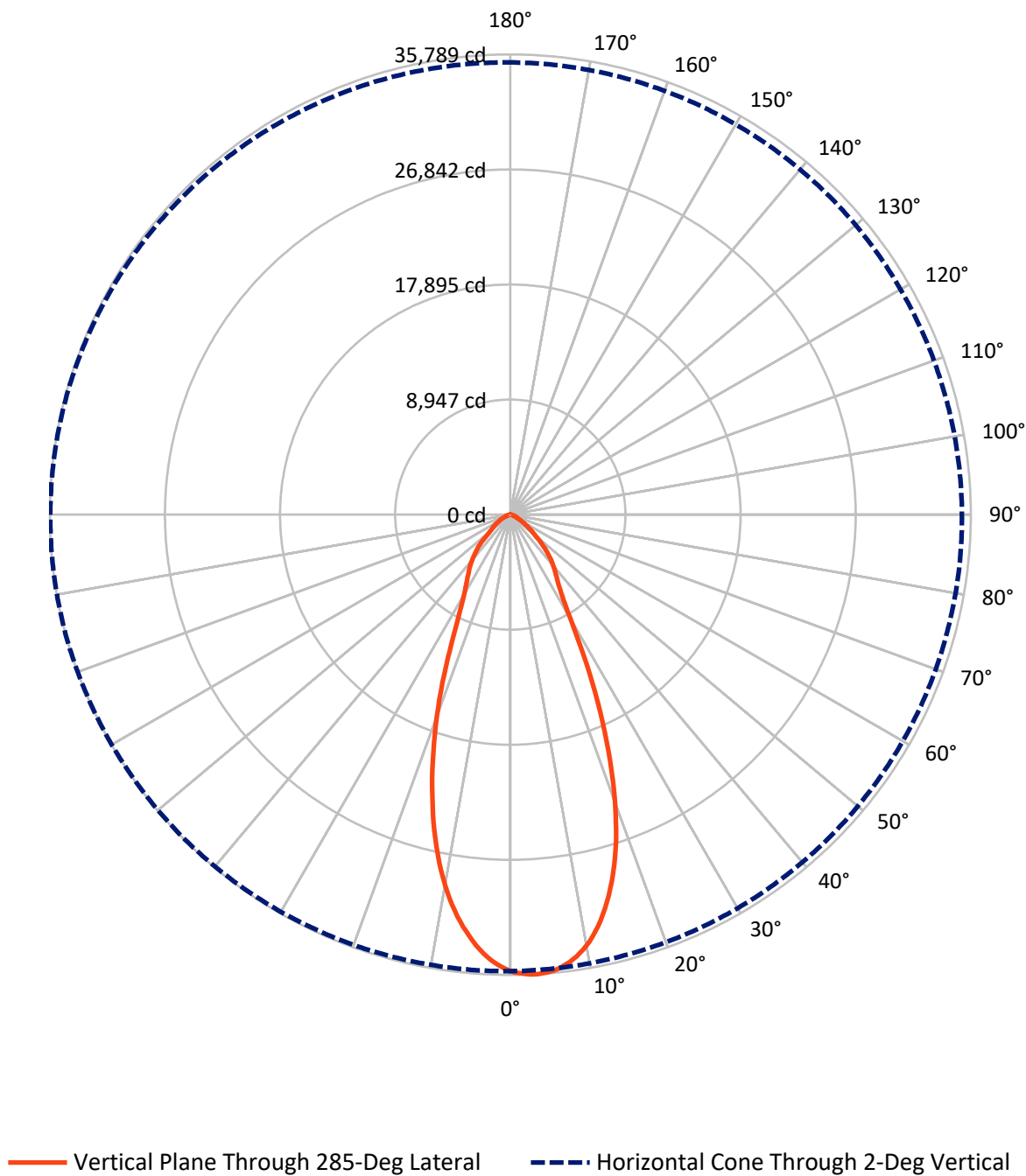
Based on 25 foot mounting height. Maximum calculated value = 56.9 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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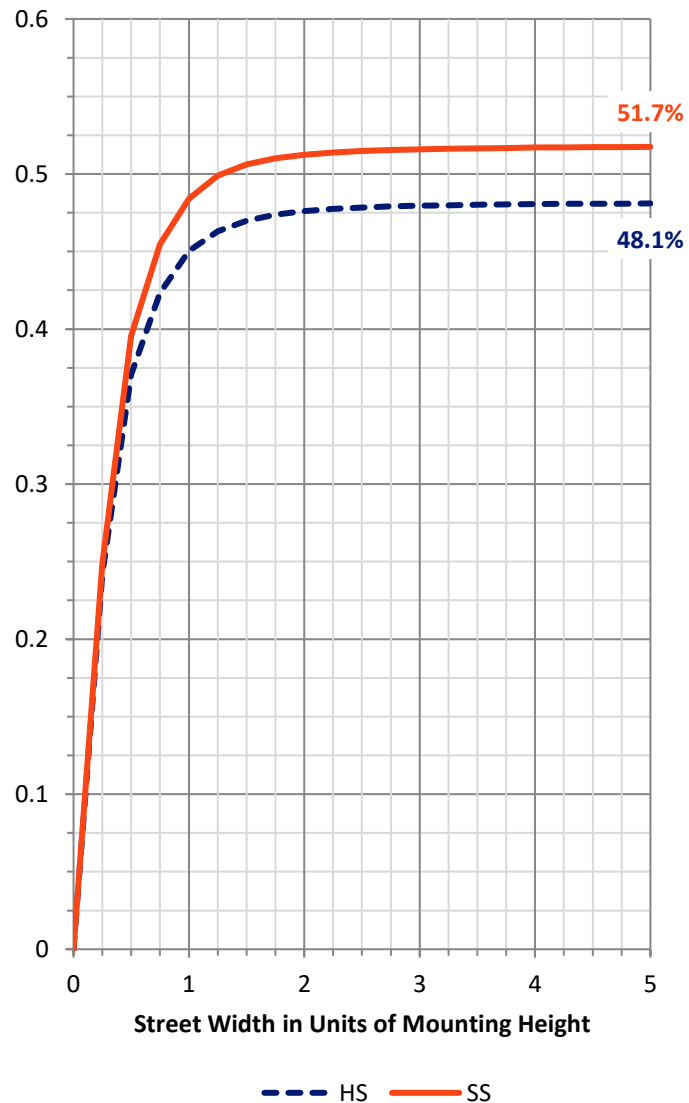
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12776.8	0.0	12776.8
	% Fixture	48.6	0.0	48.6
Street Side	Lumens	13520.3	0.0	13520.3
	% Fixture	51.4	0.0	51.4
Total	Lumens	26297.1	0.0	26297.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3200.3	12.2
10°-20°	7564.5	28.8
20°-30°	6421.1	24.4
30°-40°	3926.7	14.9
40°-50°	2863.4	10.9
50°-60°	1421.9	5.4
60°-70°	640.1	2.4
70°-80°	230.1	0.9
80°-90°	29.1	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°	26297.1	100.0
0°-180°	26297.1	100.0

Coefficient of Utilization



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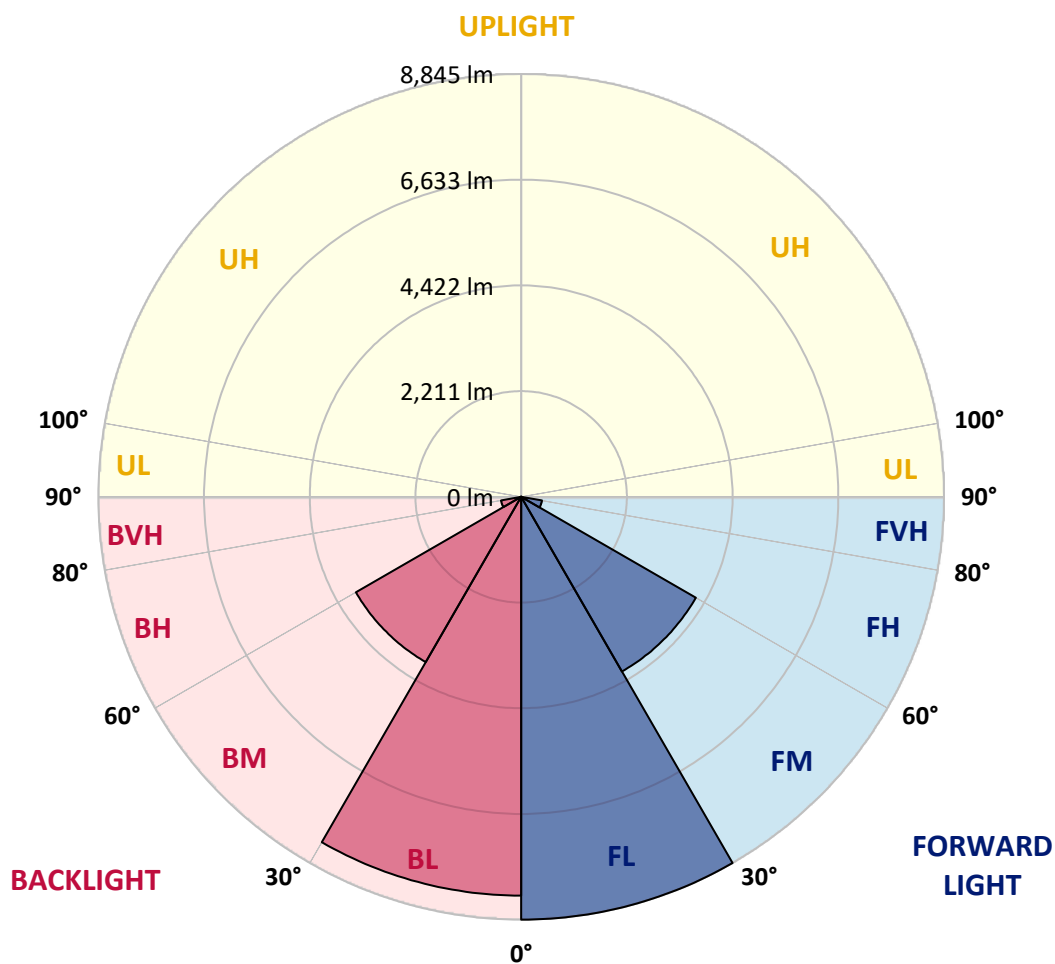
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	8844.6	33.6			
FM	(30°-60°)	4219.9	16.0			
FH	(60°-80°)	442.0	1.7			G0/660
FVH	(80°-90°)	13.8	0.1			G1/100
BL	(0°-30°)	8341.3	31.7	B5		
BM	(30°-60°)	3992.1	15.2	B3/5000		
BH	(60°-80°)	428.2	1.6	B1/500		G0/660
BVH	(80°-90°)	15.2	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6
1°	35629.9	35576.8	35529.2	35490.1	35450.9	35420.2	35386.6	35350.2	35347.4	35355.8	35378.2
2°	35498.5	35400.6	35333.4	35280.3	35227.2	35160.0	35104.1	35048.1	35028.6	35036.9	35039.7
3°	35252.3	35134.8	35034.1	34955.8	34877.5	34799.2	34715.3	34659.3	34623.0	34620.2	34637.0
4°	34908.3	34746.0	34625.8	34547.4	34446.8	34365.6	34251.0	34181.0	34150.3	34153.1	34175.4
5°	34494.3	34337.7	34189.4	34060.7	33940.5	33845.4	33711.1	33624.4	33593.6	33621.6	33677.5
6°	34049.6	33873.3	33705.5	33532.1	33358.7	33224.4	33070.6	32969.9	32961.5	33037.0	33162.9
7°	33610.4	33409.0	33193.6	32950.3	32706.9	32533.5	32382.5	32279.0	32281.8	32404.8	32614.6
8°	33218.8	32967.1	32673.4	32337.7	32010.4	31781.1	31585.3	31504.2	31554.5	31747.5	32063.6
9°	32816.0	32522.3	32133.5	31680.4	31249.6	30950.3	30718.2	30653.8	30740.5	31023.1	31462.2
10°	32388.1	32038.4	31551.7	30992.3	30455.2	30072.0	29767.1	29725.2	29873.4	30251.0	30779.7
11°	31890.2	31504.2	30916.8	30256.6	29599.3	29101.4	28763.0	28721.0	28947.6	29403.5	30041.3
12°	31294.4	30852.4	30231.5	29448.3	28707.0	28097.2	27669.8	27654.7	27939.5	28491.6	29188.1
13°	30586.7	30114.0	29425.9	28567.2	27728.9	26998.0	26499.0	26501.2	26865.1	27489.2	28234.3
14°	29783.9	29241.3	28494.4	27613.3	26663.2	25836.6	25274.7	25286.1	25723.9	26399.9	27180.1
15°	28897.2	28315.4	27436.6	26558.8	25554.4	24618.7	23981.5	24022.7	24492.6	25226.8	26019.3
16°	27971.4	27262.9	26332.8	25426.5	24346.6	23346.6	22665.2	22692.6	23198.9	23994.4	24777.9
17°	26992.7	26170.0	25162.5	24208.9	23065.2	22014.3	21332.4	21367.6	21870.3	22666.3	23478.3
18°	25973.7	25057.6	23953.0	22926.7	21746.9	20685.4	20010.4	20004.8	20503.9	21299.1	22130.4
19°	24917.5	23899.6	22684.8	21568.2	20387.5	19331.3	18689.1	18676.5	19124.9	19847.7	20721.8
20°	23801.7	22664.9	21362.0	20190.0	19029.5	18012.2	17376.7	17353.4	17741.4	18368.0	19235.6
21°	22559.5	21316.4	19958.7	18793.1	17647.4	16686.0	16055.3	16019.2	16346.8	16876.0	17681.3
22°	21173.8	19924.0	18528.0	17376.9	16286.1	15351.0	14760.5	14703.2	14997.7	15404.1	16125.2
23°	19665.0	18409.9	17060.3	15938.1	14907.6	14033.2	13480.5	13396.6	13634.1	13967.2	14590.7
24°	18064.5	16862.5	15598.2	14526.7	13571.2	12770.1	12258.2	12164.2	12327.3	12576.8	13150.2
25°	16458.6	15361.3	14186.2	13182.9	12294.8	11598.3	11163.9	11021.0	11110.8	11301.3	11815.9
26°	14835.2	13866.0	12810.3	11892.0	11110.8	10544.6	10190.5	10031.9	10021.0	10169.3	10604.2
27°	13267.4	12461.0	11536.5	10710.0	10069.4	9648.2	9368.2	9197.5	9110.6	9185.5	9580.2
28°	11803.4	11157.2	10391.1	9677.8	9156.4	8872.8	8670.8	8485.7	8349.7	8379.4	8705.0
29°	10552.2	10045.1	9409.3	8801.8	8404.6	8219.1	8086.0	7900.5	7722.3	7710.0	7999.3
30°	9518.9	9104.1	8588.1	8064.1	7759.8	7674.2	7599.5	7408.2	7216.1	7167.9	7418.6
31°	8706.9	8371.3	7904.2	7447.4	7224.2	7222.2	7188.6	7006.8	6792.6	6721.8	6959.3
32°	8073.4	7779.7	7339.4	6948.6	6784.5	6840.4	6846.8	6654.1	6441.2	6352.3	6576.4
33°	7587.2	7316.5	6883.8	6524.0	6411.9	6514.3	6545.0	6352.3	6139.7	6030.6	6251.6
34°	7202.3	6949.2	6508.7	6163.5	6081.5	6227.5	6285.2	6085.7	5868.4	5757.3	5979.7
35°	6891.3	6641.2	6193.1	5846.9	5790.1	5961.8	6037.1	5835.7	5616.9	5503.1	5735.5
36°	6632.9	6378.9	5920.7	5559.9	5529.7	5721.0	5801.3	5603.5	5384.8	5272.3	5507.3
37°	6409.9	6142.2	5677.1	5309.2	5291.6	5489.9	5575.5	5389.2	5152.6	5041.3	5293.9
38°	6202.9	5914.8	5453.6	5081.0	5069.3	5264.2	5361.0	5174.7	4920.4	4810.2	5080.4
39°	5992.3	5688.8	5236.5	4858.6	4846.3	5036.0	5146.5	4959.9	4686.0	4571.9	4866.7
40°	5766.3	5462.5	5008.8	4630.4	4624.2	4794.9	4931.6	4729.1	4458.9	4339.2	4636.5
41°	5530.8	5229.2	4768.3	4400.2	4395.7	4551.2	4685.8	4502.8	4218.6	4110.4	4400.2
42°	5276.8	4982.0	4520.5	4168.3	4161.6	4291.1	4427.9	4258.1	3977.0	3878.8	4161.6
43°	5009.4	4720.2	4277.1	3929.1	3925.2	4022.8	4173.0	4024.5	3730.8	3640.5	3922.7
44°	4729.4	4447.7	4027.0	3697.5	3688.3	3763.3	3920.5	3791.0	3483.8	3406.9	3699.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4424.8	4172.5	3779.8	3467.3	3463.7	3520.2	3679.9	3565.0	3251.1	3185.1	3481.3
46°	4116.0	3902.6	3532.8	3243.8	3243.0	3281.3	3419.5	3316.8	3015.0	2993.8	3276.8
47°	3816.1	3634.9	3291.7	3023.7	2996.6	3019.8	3142.0	3022.6	2722.4	2778.1	3051.1
48°	3536.1	3377.8	3037.4	2775.0	2739.8	2775.1	2880.5	2727.0	2428.8	2514.0	2774.1
49°	3239.1	3092.2	2738.2	2508.3	2508.3	2533.6	2635.6	2440.0	2168.6	2250.6	2466.9
50°	2965.8	2794.5	2486.4	2246.1	2277.0	2328.4	2420.8	2190.5	1896.0	1920.7	2192.9
51°	2751.3	2472.4	2236.3	1984.0	2045.6	2124.2	2247.4	2014.4	1686.8	1659.8	1928.7
52°	2485.0	2249.5	1986.1	1803.2	1868.8	1961.6	2093.3	1882.1	1538.8	1447.9	1741.3
53°	2244.4	2026.7	1789.1	1667.0	1700.5	1787.2	1952.2	1773.9	1409.8	1280.7	1624.2
54°	2004.6	1874.8	1651.4	1575.2	1545.8	1612.2	1792.6	1687.9	1301.3	1119.1	1497.5
55°	1838.4	1680.0	1507.7	1473.4	1425.1	1463.7	1651.1	1583.0	1201.6	979.8	1355.9
56°	1648.6	1514.9	1386.5	1352.6	1342.4	1350.5	1530.6	1483.2	1107.6	868.7	1210.9
57°	1466.0	1383.0	1267.2	1247.6	1267.5	1245.9	1408.2	1377.2	1033.3	793.6	1089.3
58°	1289.8	1255.9	1160.5	1148.2	1164.8	1126.9	1288.2	1300.0	959.7	738.8	981.7
59°	1166.7	1159.2	1068.7	1049.7	1083.9	1026.5	1181.1	1186.9	869.4	689.4	893.2
60°	1043.8	1090.9	985.5	959.7	997.0	901.9	1091.0	1073.8	799.0	644.9	817.7
61°	933.3	996.2	894.4	881.1	904.3	801.1	994.8	998.0	755.1	608.0	747.1
62°	834.1	891.7	811.0	807.1	822.7	742.0	909.0	926.8	699.3	571.1	687.3
63°	751.1	800.0	741.0	740.2	753.5	691.1	843.0	855.0	645.9	534.3	636.3
64°	672.7	732.3	680.5	681.6	692.9	632.7	773.7	772.7	595.1	502.3	588.7
65°	606.3	662.5	628.9	628.4	633.5	579.8	705.3	698.9	544.5	472.0	541.0
66°	550.4	600.2	577.5	577.6	577.9	532.4	640.6	632.5	499.9	441.2	496.9
67°	499.4	544.2	528.4	529.1	524.5	490.8	575.8	566.1	456.3	411.0	452.6
68°	451.7	489.5	478.7	479.5	472.4	450.1	511.1	499.9	413.8	381.9	409.3
69°	407.5	438.9	427.8	429.8	423.3	408.8	455.2	446.1	375.6	352.4	373.2
70°	364.7	390.3	382.0	383.2	377.4	370.0	410.5	400.8	340.9	323.7	359.2
71°	327.0	347.2	348.0	340.3	336.1	334.4	394.6	359.4	309.1	295.0	341.4
72°	290.4	308.2	341.1	302.1	298.3	300.7	352.5	320.5	279.1	267.1	307.0
73°	256.3	271.9	305.5	267.0	263.7	268.1	304.0	283.6	249.4	238.1	262.8
74°	226.5	238.7	258.7	236.1	233.5	238.1	260.5	249.2	221.2	210.7	227.2
75°	196.8	205.6	221.8	205.2	203.3	208.3	224.4	216.5	194.3	185.2	196.4
76°	167.2	172.4	185.1	174.3	173.1	178.4	194.0	187.0	168.6	160.6	167.8
77°	142.1	144.2	148.4	146.4	147.3	152.0	167.2	159.6	144.7	137.2	142.6
78°	117.2	116.7	123.8	121.7	124.4	128.2	143.9	134.4	122.6	113.8	119.8
79°	92.4	93.3	102.1	99.9	103.1	105.9	121.1	111.1	102.2	93.4	100.2
80°	72.0	72.5	81.3	80.6	82.5	85.7	98.5	90.4	83.2	75.7	82.0
81°	54.8	55.0	61.6	64.2	66.9	69.5	80.1	74.7	67.9	61.6	66.4
82°	40.8	41.8	47.1	48.1	51.2	54.5	64.8	59.0	52.7	47.6	50.7
83°	29.0	29.3	32.0	33.6	37.0	40.6	49.4	43.3	37.5	33.6	35.1
84°	20.4	20.5	22.6	24.2	27.2	29.9	34.0	31.7	27.8	24.5	24.3
85°	11.8	11.9	13.2	15.1	17.6	20.2	21.5	21.9	18.7	16.0	14.7
86°	3.1	3.2	3.7	5.9	8.1	12.0	11.6	11.7	9.9	8.6	7.6
87°	0.9	0.9	1.0	1.4	2.5	3.8	4.5	4.4	3.8	3.5	3.3
88°	0.4	0.4	0.4	0.5	0.6	0.9	1.1	1.2	1.3	1.3	1.5
89°	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.5	0.6	0.6

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CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360
CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6	35593.6
1°	35406.2	35464.9	35490.1	35551.6	35593.6	35643.9	35683.1	35702.7	35697.1	35719.4	35727.8
2°	35087.3	35168.4	35249.5	35358.6	35487.3	35602.0	35702.7	35761.4	35789.4	35769.8	35741.8
3°	34692.9	34774.0	34902.7	35064.9	35266.3	35462.1	35657.9	35739.0	35783.8	35747.4	35660.7
4°	34242.6	34343.3	34494.3	34698.5	34983.8	35263.5	35543.2	35669.1	35730.6	35635.5	35470.5
5°	33781.0	33895.7	34052.4	34284.5	34631.4	35000.6	35353.0	35546.0	35607.6	35456.5	35218.8
6°	33319.5	33437.0	33596.4	33870.5	34242.6	34676.1	35101.3	35353.0	35392.2	35216.0	34899.9
7°	32832.8	33003.4	33179.6	33445.4	33828.6	34295.7	34776.8	35067.7	35104.1	34888.7	34541.9
8°	32365.7	32583.9	32779.7	33048.2	33414.6	33881.7	34382.4	34712.5	34757.2	34511.1	34130.7
9°	31865.0	32125.1	32376.9	32645.4	32986.6	33414.6	33915.3	34253.7	34298.5	34055.2	33677.5
10°	31274.8	31596.5	31893.0	32209.0	32511.1	32883.2	33347.5	33702.7	33761.5	33526.5	33232.8
11°	30606.3	30969.9	31330.7	31702.8	32010.4	32279.0	32679.0	33025.8	33109.7	32922.3	32740.5
12°	29820.3	30211.9	30634.3	31115.4	31437.0	31630.0	31926.5	32245.4	32351.7	32251.0	32209.0
13°	28908.4	29319.6	29820.3	30424.5	30793.7	30866.4	31101.4	31386.7	31498.6	31495.8	31613.3
14°	27890.8	28357.4	28891.6	29616.1	30027.3	30060.8	30175.5	30432.9	30558.7	30670.6	30939.1
15°	26806.4	27342.3	27915.4	28695.8	29176.9	29160.2	29185.3	29372.7	29557.4	29769.9	30172.7
16°	25669.9	26312.1	26878.8	27654.7	28150.4	28125.2	28102.8	28211.9	28446.9	28799.3	29300.0
17°	24505.4	25281.6	25853.9	26525.3	27003.3	27014.5	26911.3	26943.4	27245.8	27707.6	28265.1
18°	23262.1	24203.4	24782.9	25331.7	25740.7	25787.1	25619.5	25588.2	25929.2	26554.3	27107.1
19°	21928.7	23005.6	23641.7	24072.2	24362.5	24438.9	24222.7	24143.8	24537.9	25261.8	25799.7
20°	20479.8	21660.2	22346.9	22711.1	22870.2	22984.9	22739.1	22633.6	23044.5	23841.4	24409.8
21°	18928.2	20144.4	20890.1	21202.9	21283.1	21459.4	21187.8	21089.3	21510.0	22345.2	22901.8
22°	17307.3	18526.3	19302.8	19574.4	19656.9	19848.5	19611.9	19526.3	19963.2	20771.5	21331.5
23°	15700.9	16862.8	17642.1	17853.3	17942.5	18197.6	18017.8	17967.4	18388.7	19163.7	19672.3
24°	14127.8	15206.4	15920.5	16168.9	16274.6	16528.8	16425.4	16401.9	16838.2	17527.7	17993.7
25°	12678.6	13590.7	14280.5	14513.2	14610.8	14942.0	14848.3	14864.8	15309.3	15928.9	16319.9
26°	11332.6	12090.9	12695.9	12951.3	13056.8	13323.0	13295.9	13358.9	13789.6	14335.6	14700.9
27°	10184.4	10813.7	11328.7	11570.9	11642.0	11858.5	11855.4	11950.2	12353.3	12837.5	13153.0
28°	9214.3	9720.6	10113.3	10322.0	10370.1	10506.3	10544.6	10662.4	11000.0	11423.0	11720.0
29°	8451.3	8885.4	9170.7	9298.8	9285.4	9345.5	9417.7	9574.6	9840.1	10165.9	10437.0
30°	7851.3	8226.1	8411.8	8442.9	8373.5	8390.9	8506.9	8687.1	8877.6	9084.8	9308.6
31°	7375.8	7728.5	7848.8	7774.9	7641.8	7639.8	7791.7	7987.8	8119.3	8205.1	8397.6
32°	7001.0	7329.3	7383.9	7228.9	7062.8	7042.6	7225.6	7433.7	7520.7	7523.7	7651.3
33°	6693.8	7006.6	7031.4	6798.7	6584.7	6577.7	6771.6	6994.0	7038.2	6967.7	7056.3
34°	6428.9	6750.6	6722.9	6445.7	6206.3	6197.1	6406.8	6635.1	6655.2	6525.2	6581.4
35°	6200.7	6531.3	6461.4	6143.9	5876.5	5879.0	6095.8	6329.4	6334.4	6161.8	6186.1
36°	5991.2	6333.3	6229.8	5875.4	5593.2	5601.3	5826.7	6071.2	6055.8	5848.5	5860.0
37°	5786.7	6139.7	6008.8	5631.8	5360.2	5371.9	5590.1	5832.9	5799.3	5572.7	5575.8
38°	5573.0	5936.4	5791.5	5410.5	5126.9	5142.8	5380.0	5618.1	5563.2	5321.8	5323.8
39°	5351.5	5726.0	5569.1	5189.5	4893.6	4913.5	5169.9	5405.5	5340.9	5085.5	5086.9
40°	5130.0	5502.5	5325.8	4968.3	4656.4	4680.7	4959.9	5184.2	5106.7	4852.8	4855.0
41°	4908.1	5269.5	5082.7	4726.6	4419.5	4448.0	4731.1	4951.2	4867.9	4621.7	4627.0
42°	4647.2	5036.0	4838.2	4467.0	4180.6	4212.2	4491.4	4707.3	4612.2	4382.6	4392.9
43°	4391.8	4777.2	4559.9	4206.3	3935.6	3975.6	4246.3	4443.3	4340.6	4144.8	4152.6
44°	4139.5	4514.3	4284.1	3933.3	3683.8	3732.5	4000.5	4175.8	4055.0	3896.4	3913.5

REPORT NUMBER: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3900.3	4259.8	4008.9	3667.3	3430.7	3471.2	3749.8	3914.3	3764.9	3645.8	3673.8
46°	3665.9	4013.9	3759.4	3420.1	3193.8	3218.7	3506.2	3661.5	3478.5	3387.3	3439.6
47°	3407.8	3736.4	3504.3	3199.4	2973.9	2975.9	3265.1	3430.1	3223.7	3140.3	3214.8
48°	3112.4	3449.4	3200.8	2926.9	2730.6	2715.9	3004.1	3179.5	2959.4	2907.6	2996.9
49°	2845.5	3188.2	2905.1	2616.8	2423.3	2403.9	2719.8	2920.5	2691.4	2664.4	2739.9
50°	2620.0	3011.1	2685.2	2338.8	2096.3	2127.7	2418.2	2651.6	2487.4	2419.6	2494.3
51°	2411.7	2785.9	2523.5	2110.1	1795.0	1888.5	2150.9	2456.8	2283.7	2174.7	2205.7
52°	2245.0	2554.8	2335.3	1859.1	1526.1	1637.8	1947.6	2262.8	2080.1	1929.9	1915.9
53°	2146.2	2422.7	2230.4	1735.7	1371.7	1476.8	1815.7	2068.8	1909.7	1752.4	1746.3
54°	2022.1	2300.6	2119.6	1595.1	1211.0	1358.6	1720.0	1896.0	1739.9	1609.4	1616.4
55°	1894.7	2141.3	1948.7	1444.1	1053.5	1251.5	1642.8	1738.8	1580.0	1488.6	1494.8
56°	1715.1	1960.7	1764.4	1301.7	923.8	1163.4	1560.4	1609.6	1443.3	1395.1	1385.5
57°	1545.0	1771.7	1595.4	1166.7	835.9	1092.4	1452.0	1470.0	1304.8	1308.6	1279.7
58°	1419.6	1608.9	1445.0	1045.8	775.9	1026.9	1345.5	1340.3	1163.7	1189.1	1183.4
59°	1285.2	1478.1	1305.2	952.3	723.3	936.7	1274.2	1239.0	1086.1	1090.9	1091.8
60°	1144.3	1336.3	1167.7	881.9	676.6	845.2	1166.3	1135.0	980.1	1027.9	1007.6
61°	1029.2	1188.8	1041.4	797.8	633.0	776.0	1047.4	1026.1	862.6	943.3	927.5
62°	930.2	1059.4	926.9	717.6	594.4	722.1	958.9	946.1	777.6	857.2	851.3
63°	836.5	940.5	834.1	653.1	555.8	668.8	889.9	875.6	704.3	775.4	782.5
64°	765.2	839.6	752.5	600.9	522.6	618.8	810.2	804.3	641.2	706.9	717.4
65°	695.6	748.0	683.2	548.6	491.3	568.7	736.3	737.7	591.0	648.9	657.6
66°	631.3	672.5	622.2	506.7	460.4	518.8	668.9	674.7	544.8	593.7	603.3
67°	567.0	597.0	561.1	465.3	429.4	476.0	604.0	613.5	503.8	541.8	552.3
68°	502.9	521.8	500.1	423.8	398.9	438.0	539.4	554.3	464.0	491.6	500.9
69°	447.2	457.1	445.6	384.6	369.7	399.7	485.7	498.4	425.3	442.8	449.2
70°	391.7	401.2	395.5	353.1	341.1	362.8	435.2	445.5	387.6	396.6	400.9
71°	343.4	352.9	349.7	331.6	312.0	328.1	390.6	398.9	351.0	351.9	357.0
72°	300.1	309.6	308.4	316.4	283.4	296.7	349.5	367.6	317.2	313.3	317.7
73°	260.9	268.8	269.8	279.6	254.6	266.9	310.8	337.1	284.9	277.9	281.3
74°	224.1	231.7	233.1	237.7	226.0	237.8	274.2	290.7	254.1	247.2	250.0
75°	191.0	198.6	199.0	203.8	198.9	210.1	239.1	247.7	225.2	216.7	217.4
76°	162.5	169.1	169.5	173.4	173.3	183.8	205.4	213.4	196.3	186.1	184.7
77°	137.0	143.1	143.2	147.6	148.7	158.3	176.2	179.1	167.3	159.2	156.8
78°	113.8	119.9	119.1	124.9	124.6	134.1	149.4	152.2	142.1	135.0	131.0
79°	93.4	98.9	97.7	105.3	103.1	113.2	125.5	128.7	119.5	113.8	108.7
80°	75.2	80.1	78.7	86.5	84.2	93.6	103.2	105.4	97.6	92.9	88.7
81°	62.1	66.4	64.9	70.6	69.1	76.8	83.5	85.2	77.6	74.3	70.9
82°	49.0	52.7	51.0	54.7	54.0	60.1	68.4	68.6	61.6	58.3	53.8
83°	36.0	39.1	37.4	38.8	39.0	43.6	53.2	53.4	46.4	43.2	38.2
84°	29.0	31.7	30.4	28.0	31.0	34.0	38.1	38.8	35.3	32.0	26.2
85°	20.8	22.6	21.9	17.6	22.3	25.2	27.8	25.8	26.4	23.0	17.6
86°	10.7	11.5	12.2	9.4	12.9	15.8	17.3	16.5	16.9	14.0	9.1
87°	3.7	3.8	4.3	4.1	5.4	6.5	7.7	7.2	7.4	5.0	2.8
88°	1.7	1.7	1.8	1.8	1.9	2.3	2.6	2.1	2.1	1.3	0.7
89°	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.6	0.5	0.4	0.3

REPORT NUMBER: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360
CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	35593.6	35593.6	35593.6
1°	35685.9	35671.9	35629.9
2°	35660.7	35576.8	35498.5
3°	35515.3	35375.4	35252.3
4°	35255.1	35056.5	34908.3
5°	34925.1	34667.7	34494.3
6°	34553.0	34253.7	34049.6
7°	34144.7	33834.2	33610.4
8°	33727.9	33425.8	33218.8
9°	33336.3	33039.8	32816.0
10°	32930.7	32642.6	32388.1
11°	32502.7	32200.6	31890.2
12°	32049.6	31688.8	31294.4
13°	31495.8	31042.6	30586.7
14°	30841.2	30301.4	29783.9
15°	30058.0	29465.0	28897.2
16°	29174.1	28564.4	27971.4
17°	28203.5	27602.7	26992.7
18°	27117.4	26591.5	25973.7
19°	25944.0	25549.6	24917.5
20°	24678.6	24459.6	23801.7
21°	23300.2	23242.3	22559.5
22°	21837.3	21877.3	21173.8
23°	20218.3	20378.8	19665.0
24°	18542.5	18740.8	18064.5
25°	16862.8	17076.2	16458.6
26°	15187.9	15374.5	14835.2
27°	13589.9	13734.5	13267.4
28°	12087.0	12175.9	11803.4
29°	10736.0	10798.9	10552.2
30°	9577.7	9636.4	9518.9
31°	8640.6	8747.8	8706.9
32°	7900.0	8054.9	8073.4
33°	7314.5	7522.3	7587.2
34°	6851.6	7112.8	7202.3
35°	6472.3	6780.0	6891.3
36°	6168.2	6514.0	6632.9
37°	5905.9	6284.3	6409.9
38°	5662.2	6071.7	6202.9
39°	5425.9	5853.3	5992.3
40°	5192.0	5619.7	5766.3
41°	4954.6	5380.9	5530.8
42°	4700.6	5132.7	5276.8
43°	4456.4	4880.2	5009.4
44°	4211.7	4610.8	4729.4

REPORT NUMBER: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3961.3	4331.9	4424.8
46°	3710.4	4047.5	4116.0
47°	3455.9	3770.3	3816.1
48°	3211.4	3494.5	3536.1
49°	2953.5	3201.9	3239.1
50°	2652.7	2903.1	2965.8
51°	2401.3	2579.7	2751.3
52°	2150.6	2351.4	2485.0
53°	1899.8	2125.7	2244.4
54°	1730.8	1900.1	2004.6
55°	1592.4	1760.6	1838.4
56°	1491.5	1623.0	1648.6
57°	1369.4	1462.4	1466.0
58°	1251.4	1322.0	1289.8
59°	1145.4	1204.2	1166.7
60°	1047.7	1076.1	1043.8
61°	962.2	963.1	933.3
62°	875.4	876.9	834.1
63°	791.8	796.0	751.1
64°	719.6	722.5	672.7
65°	655.9	653.5	606.3
66°	592.7	592.3	550.4
67°	531.1	540.8	499.4
68°	476.4	490.6	451.7
69°	425.0	442.8	407.5
70°	381.3	396.5	364.7
71°	341.8	354.4	327.0
72°	313.5	316.0	290.4
73°	299.8	278.2	256.3
74°	266.3	245.1	226.5
75°	222.6	212.1	196.8
76°	185.5	179.1	167.2
77°	159.8	150.6	142.1
78°	134.2	123.8	117.2
79°	108.6	99.3	92.4
80°	87.2	77.3	72.0
81°	66.7	58.2	54.8
82°	49.9	42.7	40.8
83°	35.6	31.1	29.0
84°	25.4	22.1	20.4
85°	15.4	13.1	11.8
86°	5.3	4.1	3.1
87°	1.3	1.0	0.9
88°	0.5	0.5	0.4
89°	0.2	0.2	0.2

REPORT NUMBER: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

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: P1440360

CATALOG NUMBER: XSF200-SFTR-5Hx5V-850-Position 2

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)