

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: P1440375

Luminaire Tested: XSF300-SFTR-4Hx4V-830-Position 1

Issue Date: 04/15/2026

Test Information

Test Method: LM-79-2024
Report Number: P1440375
Test Lab: THIRD PARTY NVLAP
Issue Date: 7/15/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XSF300-SFTR-4Hx4V-830-Position 1
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 4 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: 45921.6 lumens
Efficiency: N/A
Efficacy: 147.7 lumens/watt
Luminous Opening: Rectangular (W 0.42' x L: 0.42' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G1

Input Watts (W): 311
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

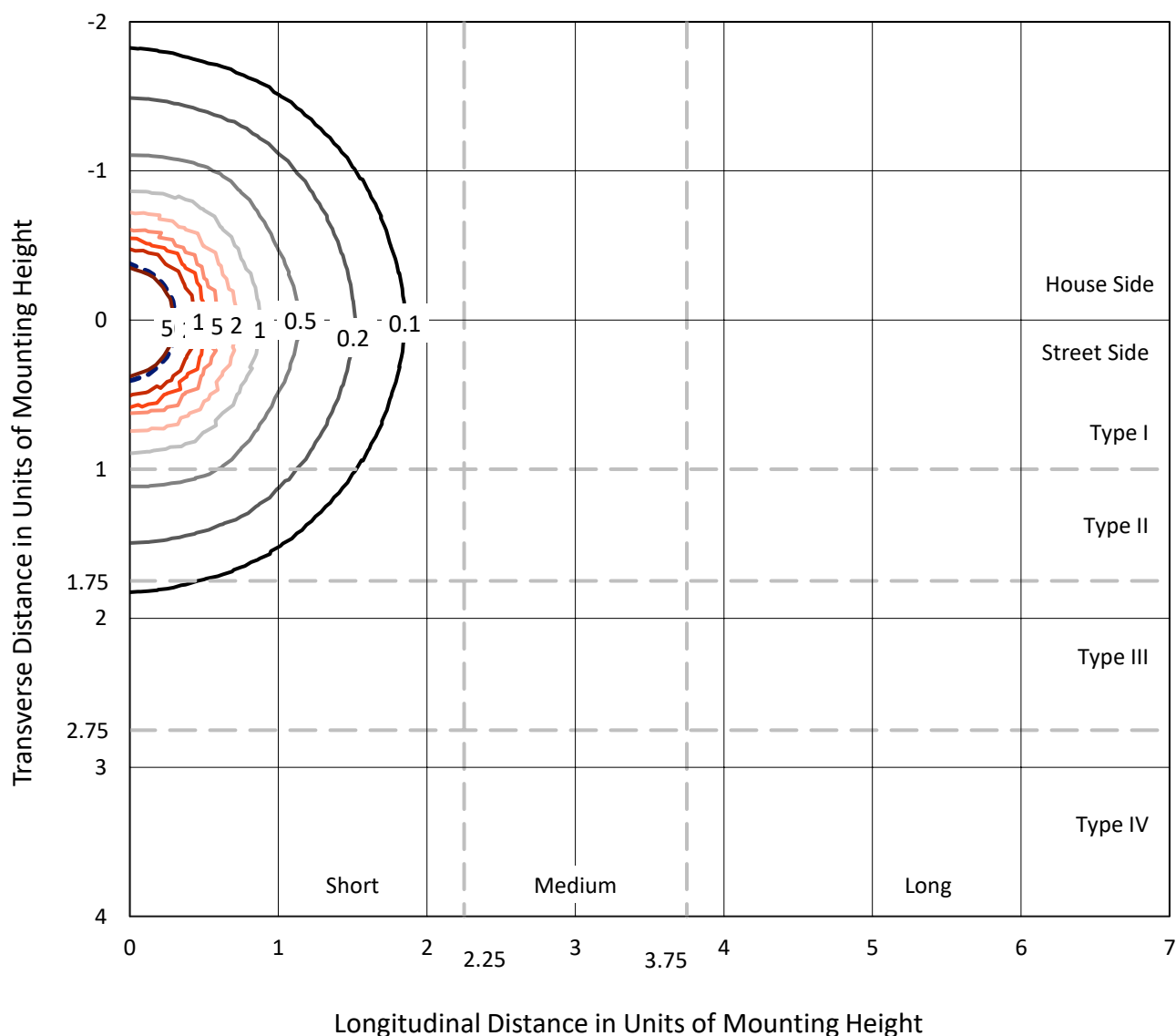
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



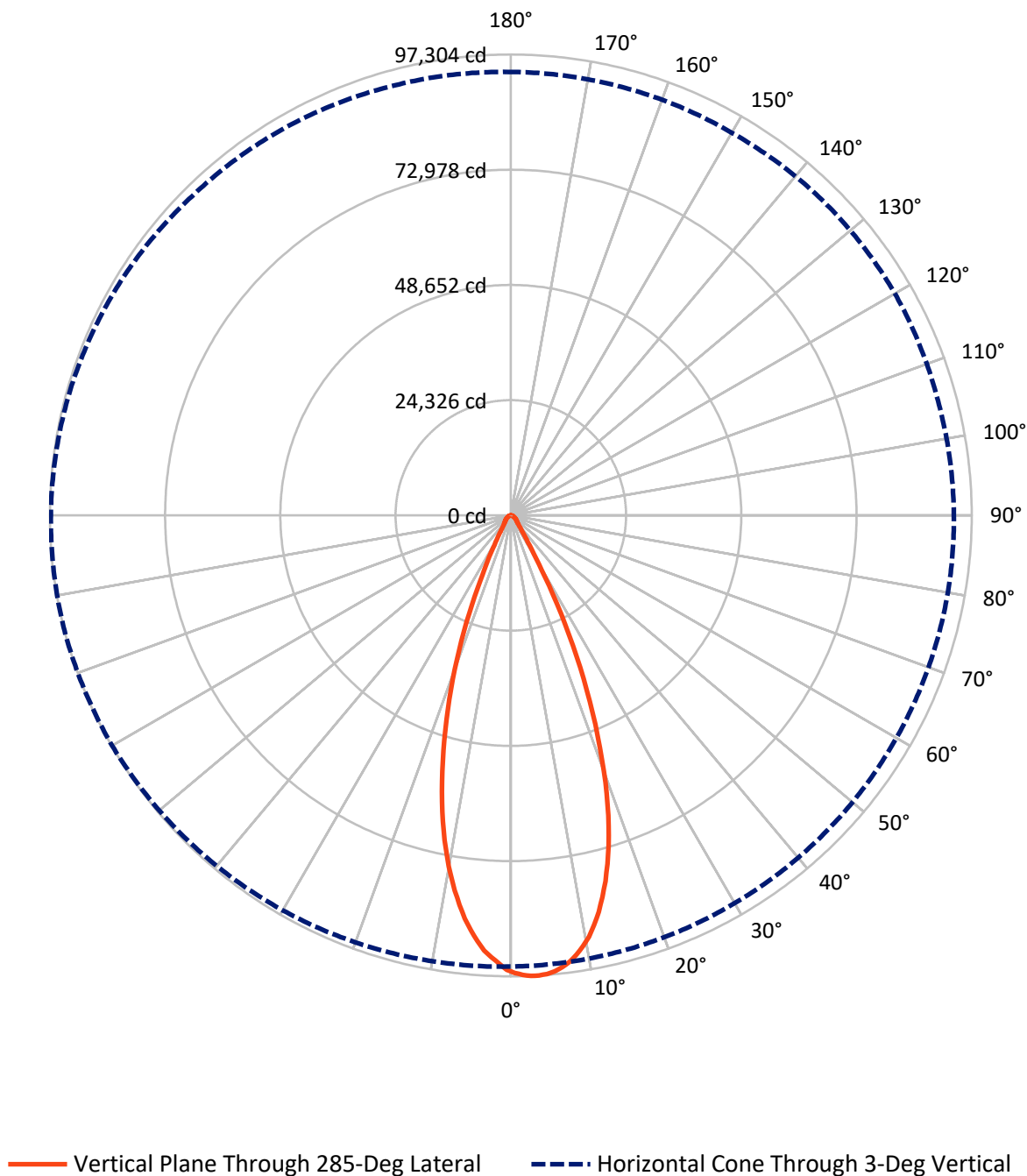
Based on 30 foot mounting height. Maximum calculated value = 107.3 fc

Type I - Short - N/A

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Luminous Intensity Polar Plot



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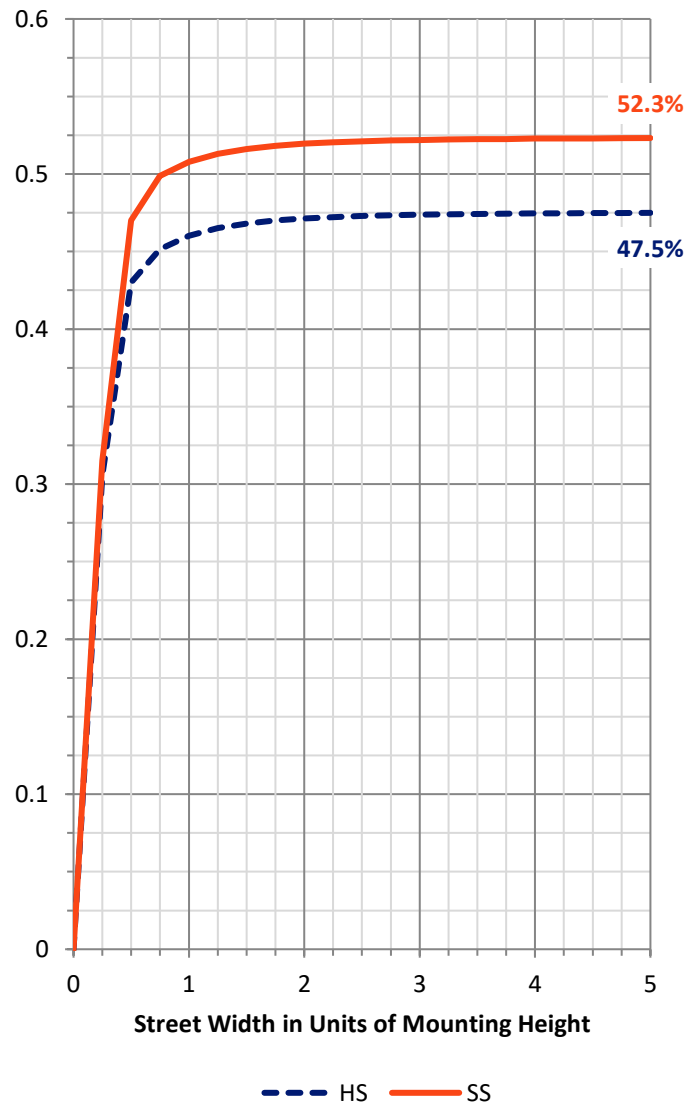
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22114.9	0.0	22114.9
	% Fixture	48.2	0.0	48.2
Street Side	Lumens	23806.7	0.0	23806.7
	% Fixture	51.8	0.0	51.8
Total	Lumens	45921.6	0.0	45921.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8552.1	18.6
10°-20°	19016.1	41.4
20°-30°	12178.5	26.5
30°-40°	2713.5	5.9
40°-50°	1412.6	3.1
50°-60°	1027.2	2.2
60°-70°	661.6	1.4
70°-80°	316.4	0.7
80°-90°	43.6	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°	45921.6	100.0
0°-180°	45921.6	100.0

Coefficient of Utilization



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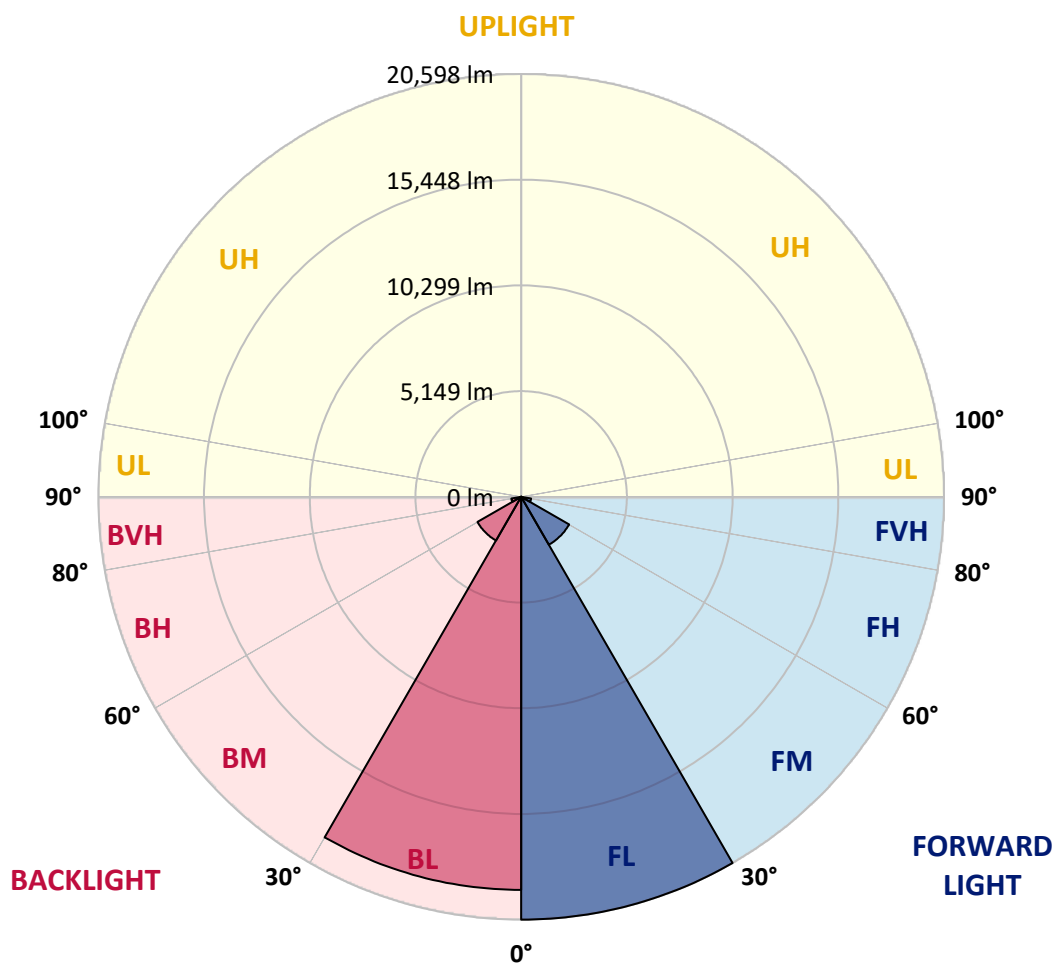
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	20597.5	44.9			
FM	(30°-60°)	2697.6	5.9			
FH	(60°-80°)	491.0	1.1			G0/660
FVH	(80°-90°)	20.6	0.0			G1/100
BL	(0°-30°)	19149.1	41.7	B5		
BM	(30°-60°)	2455.7	5.3	B2/2500		
BH	(60°-80°)	487.0	1.1	B1/500		G1/500
BVH	(80°-90°)	23.0	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 I Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5
1°	96619.5	96504.6	96319.7	96159.7	96019.8	95874.9	95949.9	95919.9	95874.9	95864.9	95864.9
2°	96159.7	95884.9	95570.1	95380.2	95145.3	94995.4	94745.5	94640.5	94765.5	94715.5	94570.6
3°	95240.2	94880.4	94515.6	94270.7	93985.9	93761.0	93536.1	93361.2	93641.1	93556.1	93276.3
4°	94005.9	93606.1	93181.3	92846.5	92556.6	92251.8	92321.7	92061.9	91927.0	91917.0	91976.9
5°	92581.6	92091.9	91632.1	91232.3	90807.5	90387.8	90462.7	90147.9	90047.9	90092.9	90242.8
6°	91067.4	90537.7	89998.0	89398.3	88828.6	88308.8	88273.9	87994.0	87979.0	88123.9	88513.7
7°	89613.2	89003.5	88253.9	87419.3	86649.7	86015.0	85885.1	85655.2	85620.3	86045.0	86714.7
8°	88243.9	87524.3	86504.8	85335.4	84281.0	83386.4	83226.5	82931.7	83076.6	83791.2	84815.7
9°	86864.6	86050.0	84700.7	83121.6	81662.3	80562.9	80248.1	80053.2	80348.0	81327.5	82801.7
10°	85520.3	84405.9	82801.7	80787.8	78913.8	77569.5	77064.7	76929.8	77464.5	78773.8	80577.9
11°	83946.1	82611.8	80682.8	78314.1	76065.2	74281.2	73686.5	73621.5	74351.1	75930.3	78094.2
12°	81947.2	80532.9	78429.0	75670.5	73086.8	70912.9	70008.4	69993.4	71027.9	72871.9	75285.7
13°	79648.4	78074.2	75755.4	72777.0	69853.5	67314.8	66190.4	66185.4	67464.7	69588.6	72202.3
14°	76999.8	75285.7	72692.0	69613.6	66480.3	63521.8	62102.5	62202.5	63681.7	66030.5	68764.1
15°	74131.3	72192.3	69308.8	66205.4	62732.2	59523.9	57924.7	58014.7	59693.8	62182.5	64991.0
16°	71057.9	68834.0	65610.7	62522.3	58759.3	55341.1	53607.0	53746.9	55486.0	58159.6	60923.2
17°	67904.5	65345.8	61857.7	58539.4	54671.4	51063.3	49335.2	49448.7	51178.3	53911.8	56760.3
18°	64811.1	61757.7	57924.7	54446.5	50453.6	46924.0	45104.9	45157.9	46799.5	49511.1	52442.6
19°	61467.9	58049.7	53856.9	50148.8	46066.4	42731.7	40910.1	40891.1	42379.4	44875.5	47901.5
20°	57904.7	54131.7	49669.5	45558.2	41860.1	38537.9	36796.3	36728.3	38085.6	40216.5	43201.9
21°	53916.8	49829.0	45149.9	41247.4	37654.8	34344.1	32652.9	32553.0	33752.4	35525.4	38207.0
22°	49377.2	46125.4	40620.8	36943.2	33357.1	30162.2	28558.6	28449.6	29469.6	30876.4	33262.6
23°	44294.4	40890.1	36091.6	32496.5	29134.3	26063.9	24540.7	24410.2	25309.8	26401.7	28450.6
24°	39202.5	35614.9	31507.0	28174.8	25017.9	22121.4	20684.7	20518.3	21274.4	22149.9	23924.5
25°	34110.7	30648.5	27036.9	23973.5	21091.0	18521.8	17238.5	16997.6	17559.8	18280.9	19789.2
26°	28958.9	25906.0	22776.1	20047.0	17494.4	15325.5	14250.1	13925.2	14301.0	14879.7	16075.6
27°	23748.6	21355.8	18830.7	16543.4	14399.5	12614.9	12186.1	11878.3	12142.2	12598.4	13001.7
28°	18961.1	17192.5	15297.0	13496.4	11744.4	10348.1	10122.7	9830.9	9983.8	10316.6	11002.2
29°	15032.6	13736.3	12418.5	10998.8	9642.5	8536.5	8062.3	7790.9	7845.9	8058.3	9002.8
30°	11777.3	10923.8	10018.3	8965.8	7933.9	7055.3	6724.5	6476.6	6492.6	6651.5	7013.8
31°	9286.1	8748.4	8131.3	7368.1	6577.1	5896.4	5661.0	5449.2	5455.6	5591.6	5832.5
32°	7377.1	7040.8	6688.0	6124.3	5524.1	5013.4	4838.3	4638.8	4656.8	4778.6	4938.1
33°	6020.9	5796.0	5568.6	5159.3	4691.3	4454.7	4200.8	4019.3	4036.2	4140.0	4261.9
34°	4996.0	4855.9	4729.5	4575.8	4174.2	3902.5	3717.3	3535.8	3542.7	3651.6	3750.2
35°	4407.2	4309.1	4236.1	3993.1	3661.4	3350.3	3333.9	3157.5	3155.8	3261.9	3359.9
36°	3825.7	3768.9	3744.5	3410.5	3148.6	3020.2	3034.3	2859.5	2852.1	2958.8	3061.8
37°	3244.1	3228.8	3252.9	3053.5	2836.8	2756.0	2793.1	2619.0	2601.2	2708.4	2823.9
38°	2908.9	2906.8	2961.7	2772.3	2587.4	2539.3	2592.4	2419.7	2400.8	2507.6	2635.3
39°	2643.7	2647.2	2732.0	2539.1	2382.9	2358.5	2430.8	2258.6	2234.3	2343.0	2484.5
40°	2426.9	2437.1	2545.9	2344.8	2215.7	2209.8	2295.3	2123.6	2096.8	2208.4	2358.3
41°	2250.8	2264.6	2391.8	2192.0	2076.5	2085.1	2182.0	2010.6	1981.1	2095.7	2253.5
42°	2098.6	2121.5	2261.7	2063.8	1959.8	1980.5	2087.7	1913.0	1881.5	2000.9	2160.0
43°	1970.2	2000.2	2149.5	1954.9	1855.9	1887.8	2005.4	1830.0	1797.1	1920.1	2078.1
44°	1857.1	1896.2	2048.5	1859.8	1763.8	1805.3	1931.7	1757.5	1719.0	1850.1	2006.2

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CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 1

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1758.0	1802.5	1960.0	1776.4	1681.7	1730.7	1864.9	1691.4	1648.9	1783.7	1933.7
46°	1667.8	1718.4	1879.0	1703.9	1609.2	1663.4	1800.2	1626.9	1584.6	1718.4	1857.0
47°	1589.5	1642.2	1805.0	1640.6	1542.7	1600.4	1729.5	1564.4	1523.2	1650.7	1771.7
48°	1517.1	1571.2	1735.4	1579.9	1481.1	1535.4	1657.7	1503.3	1465.6	1583.8	1686.2
49°	1446.8	1499.8	1661.7	1519.9	1421.8	1473.5	1587.4	1443.7	1410.0	1515.6	1598.8
50°	1380.2	1430.0	1583.7	1459.9	1365.5	1411.9	1514.2	1384.3	1354.8	1448.0	1512.8
51°	1319.3	1360.0	1501.0	1396.5	1310.3	1348.9	1439.3	1325.0	1302.7	1382.3	1430.0
52°	1262.0	1292.2	1417.9	1333.8	1256.1	1284.5	1366.1	1268.0	1249.6	1316.1	1349.3
53°	1209.6	1228.5	1337.1	1270.4	1202.9	1223.1	1297.1	1210.9	1196.9	1251.7	1271.8
54°	1157.8	1164.4	1257.9	1208.3	1150.3	1163.2	1228.2	1157.6	1145.6	1188.1	1197.8
55°	1107.1	1103.7	1181.4	1146.9	1099.8	1106.5	1164.8	1105.6	1095.9	1127.8	1134.2
56°	1057.0	1045.4	1108.1	1085.9	1050.5	1054.8	1110.8	1053.5	1046.2	1067.7	1072.1
57°	1009.1	991.0	1039.9	1026.6	1002.9	1005.7	1056.7	1001.5	996.6	1007.7	1010.3
58°	958.5	938.0	980.4	968.6	956.3	958.4	1002.8	953.2	951.3	949.4	955.2
59°	911.7	889.0	925.1	911.8	911.8	913.9	954.8	907.1	906.6	894.5	902.2
60°	863.3	840.8	870.7	855.7	865.5	871.0	907.6	862.6	862.0	842.6	851.8
61°	818.2	795.4	818.7	803.6	820.8	830.8	863.4	821.6	817.2	796.6	803.9
62°	774.8	753.0	771.6	757.8	779.5	791.1	827.9	783.8	775.3	756.4	765.5
63°	731.4	713.3	729.7	716.5	738.0	754.4	802.3	747.7	735.4	718.6	732.4
64°	689.7	677.5	696.1	679.1	698.2	717.8	776.8	712.1	695.9	681.9	702.2
65°	648.7	642.0	667.1	643.1	658.5	681.8	745.5	675.2	656.4	645.7	668.1
66°	607.8	608.0	638.3	607.0	618.4	646.5	711.9	638.6	615.8	610.5	627.6
67°	568.2	574.3	601.3	570.6	577.8	612.1	674.2	602.8	574.4	576.5	581.1
68°	528.3	538.7	556.0	534.8	535.5	574.0	633.2	564.7	531.2	541.0	532.6
69°	486.2	503.5	511.4	496.4	490.5	533.6	588.7	525.5	484.3	503.2	500.7
70°	445.7	463.9	472.5	456.5	448.1	493.8	554.9	485.5	437.6	464.1	535.1
71°	405.3	426.2	482.2	416.6	405.6	452.5	608.3	444.5	397.0	423.8	556.3
72°	364.9	388.5	492.7	376.6	363.2	411.2	556.5	403.6	359.8	383.0	514.1
73°	329.9	350.8	503.2	336.1	325.2	369.9	469.1	363.1	322.7	340.6	426.0
74°	296.8	311.7	417.5	298.4	289.4	330.8	394.2	324.2	287.4	300.4	363.1
75°	263.8	272.1	334.3	260.9	255.0	292.8	339.5	288.8	254.5	264.1	316.7
76°	232.5	236.9	276.7	226.4	222.9	255.0	298.5	256.9	222.2	228.3	274.7
77°	201.2	202.8	233.4	194.4	192.6	217.3	263.2	222.2	192.0	193.1	237.0
78°	170.3	168.3	197.5	163.5	163.3	182.0	230.7	186.5	162.7	160.5	200.9
79°	140.4	135.7	164.8	133.6	135.9	149.6	197.5	153.9	135.4	133.4	169.5
80°	112.3	106.9	132.6	106.5	110.1	120.9	164.9	127.7	111.8	106.3	138.1
81°	87.4	81.4	100.7	82.5	86.5	95.1	134.5	101.5	88.1	79.2	111.4
82°	64.3	59.4	74.2	60.3	65.4	72.8	108.6	75.3	64.7	60.0	84.6
83°	51.3	47.6	50.8	47.1	50.0	55.7	82.6	58.2	51.1	46.9	57.9
84°	38.5	36.0	33.7	34.1	39.2	42.5	56.6	47.7	40.9	37.7	41.2
85°	25.7	24.4	16.9	21.1	28.3	29.4	35.2	35.4	29.2	26.4	24.4
86°	5.4	5.6	5.7	9.6	12.6	16.3	18.3	19.2	15.4	13.9	11.4
87°	1.4	1.4	1.4	2.1	3.7	5.3	7.3	6.2	5.0	5.5	4.8
88°	0.7	0.7	0.7	0.7	1.0	1.5	2.1	2.1	2.2	2.2	2.3
89°	0.3	0.3	0.3	0.3	0.4	0.4	0.7	0.8	0.8	0.9	0.9

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CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375
CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5	96584.5
1°	95999.8	96069.8	96239.7	96384.6	96549.5	96684.5	96804.4	96949.3	97044.3	97079.3	97044.3
2°	94710.5	94845.4	95135.3	95760.0	96159.7	96559.5	96884.4	97164.2	97294.2	97284.2	97084.3
3°	93421.2	93621.1	94030.9	94690.5	95240.2	96104.8	96729.4	97119.2	97304.1	97189.2	96744.4
4°	92126.9	92396.7	92921.4	93616.1	94325.7	95315.2	96349.6	96889.4	97104.2	96829.4	96134.8
5°	90537.7	90852.5	91392.2	92226.8	93406.2	94525.6	95809.9	96509.6	96699.5	96154.7	95220.2
6°	88913.5	89348.3	89908.0	90767.6	92086.9	93726.0	94800.5	95854.9	95989.8	95330.2	94135.8
7°	87344.4	87894.1	88543.7	89403.3	90742.6	92396.7	93786.0	94875.4	95045.3	94230.8	92891.5
8°	85765.2	86499.8	87219.4	88074.0	89318.3	91017.4	92771.5	93666.0	93806.0	92941.4	91517.2
9°	84096.0	84990.6	85820.1	86729.7	87899.1	89438.3	91177.3	92146.8	92251.8	91382.2	90057.9
10°	82192.0	83281.5	84281.0	85330.4	86354.9	87679.2	89278.3	90257.8	90482.7	89608.2	88523.7
11°	79963.2	81207.6	82451.9	83741.2	84730.7	85700.2	87094.5	87999.0	88218.9	87579.2	86889.6
12°	77404.5	78763.8	80203.1	81827.2	82881.7	83486.4	84580.8	85370.4	85705.2	85350.4	85175.5
13°	74471.1	75885.3	77574.5	79588.4	80797.8	81037.6	81782.3	82441.9	82871.7	82816.7	83161.5
14°	71202.8	72692.0	74571.0	76999.8	78344.1	78374.0	78793.8	79243.6	79763.3	80048.2	80952.7
15°	67684.6	69483.7	71382.7	73996.3	75530.5	75450.6	75520.5	75715.4	76335.1	77099.7	78414.0
16°	64021.5	66180.4	68119.4	70628.1	72247.2	72102.3	71987.4	71882.4	72667.0	73866.4	75550.5
17°	60338.5	62942.1	64846.1	67055.0	68624.1	68544.2	68159.4	67754.6	68744.1	70368.2	72212.3
18°	56390.5	59523.9	61522.8	63222.0	64521.3	64566.3	64006.5	63301.9	64371.4	66470.3	68394.3
19°	52087.8	55760.9	57869.8	59224.0	60103.6	60288.5	59389.0	58609.4	59828.7	62292.4	64241.4
20°	47461.7	51438.1	53811.9	54826.3	55301.1	55615.9	54721.4	53726.9	54991.3	57689.8	59583.9
21°	42416.3	46659.1	49081.8	50038.8	50253.7	50733.5	49684.5	48807.5	50103.8	52822.4	54711.4
22°	37223.0	41371.4	43934.0	44792.6	45016.0	45649.6	44749.6	43861.1	45178.4	47828.0	49625.1
23°	31991.8	35913.2	38419.9	39299.5	39619.8	40436.4	39637.3	38914.2	40251.5	42718.2	44324.8
24°	26956.4	30382.1	32832.8	33775.8	34247.1	35298.1	34643.9	33967.7	35324.0	37605.8	39022.6
25°	22174.9	25017.9	27305.2	28419.6	29079.8	30169.2	29712.0	29064.8	30471.6	32493.5	33720.4
26°	17894.6	20102.5	22173.4	23429.3	24236.3	25245.8	24816.5	24324.3	25691.1	27634.6	28667.0
27°	14273.5	15862.2	17654.3	19065.0	19822.6	20615.2	20279.4	19826.1	21098.0	22886.5	23901.0
28°	11929.8	13180.1	13835.3	15156.6	15947.7	16434.4	16148.6	15850.2	16924.2	18510.8	19493.3
29°	9586.0	10498.0	11534.0	12684.4	12701.9	12966.7	12738.3	12534.4	13362.5	14680.3	15621.3
30°	7261.2	7824.4	9232.2	10211.7	10436.5	10552.5	10410.1	9934.3	10487.0	11487.5	12283.1
31°	5947.4	6354.2	6967.4	7767.4	8174.2	8151.2	8083.3	7969.3	8334.6	9030.3	9696.9
32°	4960.2	5250.3	5703.5	6339.2	6638.0	6583.1	6534.6	6497.1	6731.0	7185.2	7691.0
33°	4234.3	4432.8	4786.4	5287.7	5498.1	5400.7	5391.7	5409.2	5554.1	5833.0	6206.3
34°	3690.0	3821.9	4085.7	4507.6	4628.2	4535.3	4548.5	4574.1	4680.0	4845.5	5106.8
35°	3263.8	3350.4	3563.1	3921.0	3977.5	3882.0	3915.4	4051.4	4165.6	4283.8	4494.3
36°	2941.9	2991.0	3166.1	3486.9	3480.1	3393.9	3436.8	3533.1	3656.2	3727.9	3887.1
37°	2679.6	2710.7	2850.6	3150.2	3101.5	3022.7	3072.2	3180.8	3146.8	3172.0	3279.9
38°	2470.5	2485.3	2604.1	2893.9	2806.2	2727.8	2779.0	2913.4	2853.7	2854.9	2938.6
39°	2299.4	2304.2	2408.3	2691.9	2572.0	2500.6	2545.7	2692.8	2614.7	2597.5	2671.7
40°	2160.2	2152.5	2248.8	2528.6	2382.7	2308.4	2353.8	2512.6	2418.5	2387.3	2455.0
41°	2043.7	2025.2	2115.9	2393.1	2227.4	2152.5	2195.9	2363.4	2257.7	2211.2	2281.7
42°	1944.7	1915.0	2006.0	2275.8	2102.0	2018.3	2060.7	2240.5	2118.2	2061.8	2136.0
43°	1860.0	1821.3	1911.9	2172.8	1995.7	1905.9	1945.7	2137.2	1999.7	1935.8	2015.1
44°	1784.9	1737.6	1830.3	2082.3	1902.9	1806.8	1847.1	2046.5	1898.0	1826.3	1912.1

REPORT NUMBER: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 1

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1716.4	1663.7	1760.1	2001.6	1821.5	1717.8	1759.7	1969.1	1810.2	1732.6	1823.4
46°	1650.6	1594.8	1695.9	1926.2	1750.1	1638.2	1684.1	1898.1	1730.8	1646.1	1744.2
47°	1583.1	1528.9	1631.7	1852.9	1683.8	1565.9	1615.4	1832.6	1660.3	1569.3	1674.0
48°	1514.7	1468.2	1567.2	1774.1	1620.2	1499.6	1555.6	1771.5	1596.8	1501.4	1610.3
49°	1447.5	1410.0	1502.4	1687.3	1554.4	1439.3	1502.0	1710.1	1540.3	1441.6	1552.1
50°	1380.3	1353.1	1437.7	1600.5	1486.4	1381.6	1445.4	1643.5	1487.5	1383.9	1496.8
51°	1314.4	1299.5	1374.7	1511.4	1418.3	1324.6	1389.2	1568.5	1428.7	1329.5	1439.5
52°	1249.4	1244.4	1311.7	1425.9	1350.6	1268.9	1329.5	1492.6	1367.2	1275.3	1379.9
53°	1186.3	1193.0	1246.5	1343.0	1282.3	1216.1	1271.9	1412.4	1306.5	1223.4	1319.5
54°	1128.2	1144.1	1184.4	1261.2	1213.7	1163.0	1213.9	1332.0	1245.7	1172.7	1255.8
55°	1072.0	1094.1	1124.3	1182.2	1146.3	1111.4	1157.8	1251.5	1182.1	1120.8	1191.0
56°	1016.0	1044.2	1064.2	1115.2	1086.0	1059.7	1101.4	1176.3	1121.4	1069.6	1123.5
57°	966.6	994.3	1004.1	1048.1	1025.7	1008.2	1045.1	1105.3	1060.9	1019.5	1059.6
58°	917.8	948.7	947.8	981.2	965.6	959.6	988.8	1044.3	1006.0	970.1	999.4
59°	868.7	903.3	890.1	924.6	912.4	912.6	937.0	988.5	953.0	922.1	941.2
60°	822.1	859.2	834.8	868.8	858.8	866.4	885.6	937.7	901.3	875.4	883.3
61°	780.7	815.8	786.5	816.3	809.4	822.8	837.5	887.5	851.1	830.0	826.5
62°	744.4	773.2	745.9	772.5	763.8	780.3	793.5	841.2	804.5	786.2	773.7
63°	710.1	731.6	710.3	735.0	723.3	739.3	755.7	803.1	763.3	743.4	727.6
64°	676.4	690.9	676.7	706.4	685.7	698.9	721.5	776.6	726.4	703.0	688.3
65°	643.1	648.4	643.5	677.6	651.2	660.3	688.7	758.6	690.7	664.6	653.1
66°	607.7	607.9	610.0	645.7	616.6	621.1	655.6	737.2	656.7	625.6	618.7
67°	572.4	568.6	576.4	606.6	582.5	581.9	620.1	709.0	621.4	587.4	584.8
68°	535.3	526.7	540.4	560.6	549.2	542.1	584.9	675.7	587.9	548.2	551.5
69°	497.7	481.6	502.6	517.0	514.1	500.0	549.4	636.9	552.8	508.0	516.5
70°	459.4	438.5	465.0	493.9	476.3	456.3	512.0	594.5	516.0	463.1	480.1
71°	420.7	400.2	427.0	502.0	438.0	415.1	473.0	551.1	479.2	424.2	440.9
72°	381.1	364.7	388.4	525.0	398.5	377.6	432.6	547.2	438.7	385.4	401.6
73°	341.8	331.2	350.0	466.1	358.3	340.6	391.1	529.7	398.2	347.3	362.4
74°	303.3	297.9	310.7	379.7	318.3	304.6	350.6	450.8	357.7	311.0	323.1
75°	267.1	265.0	272.9	320.7	280.3	270.5	312.4	384.2	316.4	275.8	284.1
76°	232.3	233.0	238.5	273.7	243.3	238.1	274.7	317.7	279.2	242.7	247.4
77°	199.0	202.4	204.9	236.2	207.8	207.0	241.8	272.9	245.9	211.1	213.5
78°	167.5	172.7	172.1	202.2	173.7	177.4	208.0	235.2	208.9	180.7	180.7
79°	138.4	145.2	141.8	171.2	142.4	149.3	174.2	200.4	172.6	151.8	148.6
80°	114.7	121.2	117.5	141.3	117.3	124.4	142.2	168.1	140.3	124.8	120.3
81°	91.1	97.2	93.2	114.8	92.2	99.4	117.3	137.7	111.0	99.6	95.0
82°	67.5	73.4	69.4	88.3	67.2	74.6	92.4	109.7	86.0	76.6	71.2
83°	58.5	63.4	58.8	62.1	52.8	57.6	67.7	84.8	64.5	57.2	50.4
84°	56.1	62.1	57.5	46.5	48.6	50.3	56.2	61.5	54.0	45.4	39.4
85°	44.7	49.2	46.7	29.1	39.9	42.1	47.0	44.3	39.6	33.8	28.4
86°	23.2	25.1	26.9	14.5	24.6	27.8	30.7	27.1	25.1	22.2	16.5
87°	6.6	6.7	8.1	6.1	10.0	8.7	10.9	9.8	10.6	8.0	4.9
88°	2.6	2.8	2.9	2.7	3.0	3.2	4.5	3.4	3.2	2.1	1.1
89°	0.9	1.0	1.1	1.2	1.4	1.2	1.2	0.8	0.7	0.6	0.4

REPORT NUMBER: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375
CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	96584.5	96584.5	96584.5
1°	96929.3	96784.4	96619.5
2°	96804.4	96479.6	96159.7
3°	96264.7	95730.0	95240.2
4°	95345.2	94590.6	94005.9
5°	94205.8	93296.2	92581.6
6°	92861.5	91802.0	91067.4
7°	91477.2	90377.8	89613.2
8°	90132.9	89028.5	88243.9
9°	88743.6	87739.1	86864.6
10°	87424.3	86434.8	85520.3
11°	86055.0	85020.6	83946.1
12°	84565.8	83321.5	81947.2
13°	82746.8	81242.5	79648.4
14°	80572.9	78788.8	76999.8
15°	78069.2	76085.2	74131.3
16°	75180.7	73171.8	71057.9
17°	71992.4	70043.4	67904.5
18°	68514.2	66815.1	64811.1
19°	64756.2	63551.8	61467.9
20°	60533.4	60048.6	57904.7
21°	56160.6	56190.6	53916.8
22°	51348.2	51817.9	49377.2
23°	46360.8	46960.5	44294.4
24°	40984.1	41577.8	39202.5
25°	35604.9	36192.6	34110.7
26°	30226.2	30806.9	28958.9
27°	25122.4	25452.2	23748.6
28°	20362.4	20323.4	18961.1
29°	16210.5	15957.7	15032.6
30°	12686.4	12406.5	11777.3
31°	9950.8	9669.4	9286.1
32°	7882.4	7654.5	7377.1
33°	6339.2	6174.3	6020.9
34°	5233.3	5099.3	4996.0
35°	4626.3	4494.9	4407.2
36°	4027.5	3896.8	3825.7
37°	3428.8	3298.8	3244.1
38°	3098.6	2962.3	2908.9
39°	2853.8	2695.0	2643.7
40°	2653.5	2477.4	2426.9
41°	2498.8	2302.8	2250.8
42°	2368.2	2155.1	2098.6
43°	2257.8	2029.6	1970.2
44°	2158.0	1920.5	1857.1

REPORT NUMBER: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2067.0	1824.4	1758.0
46°	1981.2	1738.0	1667.8
47°	1902.5	1660.4	1589.5
48°	1828.4	1593.8	1517.1
49°	1756.0	1530.5	1446.8
50°	1682.9	1470.0	1380.2
51°	1606.8	1410.7	1319.3
52°	1521.9	1349.2	1262.0
53°	1434.9	1290.0	1209.6
54°	1345.2	1230.1	1157.8
55°	1258.6	1169.4	1107.1
56°	1171.9	1108.4	1057.0
57°	1093.8	1046.5	1009.1
58°	1021.7	984.8	958.5
59°	956.6	922.8	911.7
60°	900.8	864.7	863.3
61°	846.6	810.0	818.2
62°	794.2	759.6	774.8
63°	747.4	715.8	731.4
64°	709.3	678.6	689.7
65°	675.8	644.0	648.7
66°	649.3	611.3	607.8
67°	620.1	578.1	568.2
68°	578.2	543.0	528.3
69°	531.3	507.9	486.2
70°	488.9	470.4	445.7
71°	485.8	432.4	405.3
72°	483.5	394.4	364.9
73°	481.2	356.5	329.9
74°	437.6	319.6	296.8
75°	357.5	283.3	263.8
76°	294.1	244.9	232.5
77°	247.6	210.3	201.2
78°	209.1	177.3	170.3
79°	174.8	144.0	140.4
80°	141.6	114.0	112.3
81°	109.3	87.1	87.4
82°	81.4	63.9	64.3
83°	57.5	52.1	51.3
84°	41.2	40.4	38.5
85°	25.0	28.7	25.7
86°	8.8	8.1	5.4
87°	1.9	1.6	1.4
88°	0.9	0.8	0.7
89°	0.3	0.3	0.3

REPORT NUMBER: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-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: P1440375

CATALOG NUMBER: XSF300-SFTR-4Hx4V-830-Position 1

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)