

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: P1440390

Luminaire Tested: XSF300-SFTR-5Hx5V-830-Position 4

Issue Date: 04/15/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1440390  
Test Lab: THIRD PARTY NVLAP  
Issue Date: 7/15/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: LUMARK  
Catalog Number: XSF300-SFTR-5Hx5V-830-Position 4  
Description: LUMARK ALL SELECTABLE LUMINAIRE 300W w/ NEMA 5 FLOOD DISTRIBUTION 3000K CCT  
80 CRI LIGHT ENGINE AT Position 4  
Light Source: (1) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 20567.8 lumens  
Efficiency: N/A  
Efficacy: 165.9 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

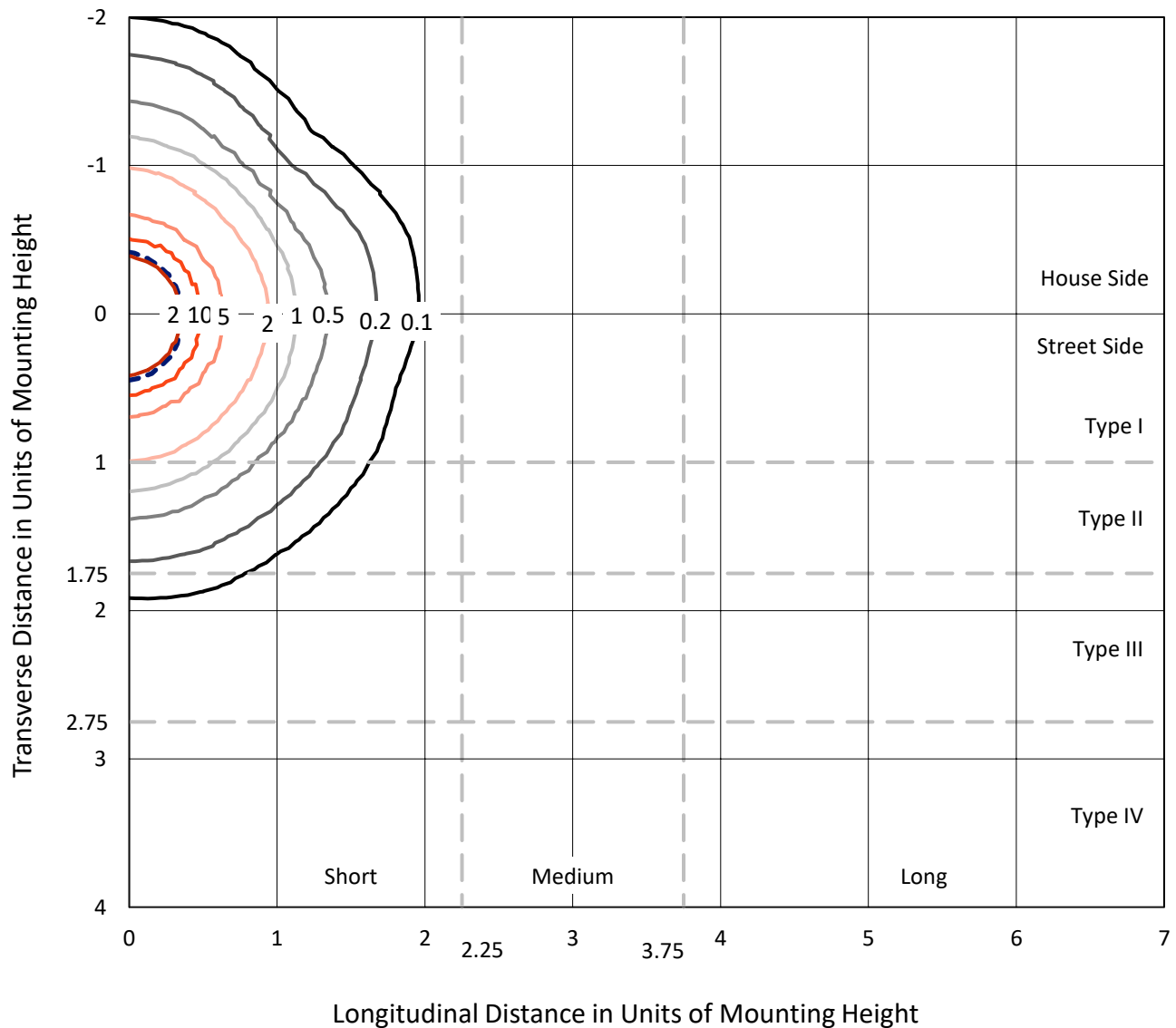
Input Watts (W): 124  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd



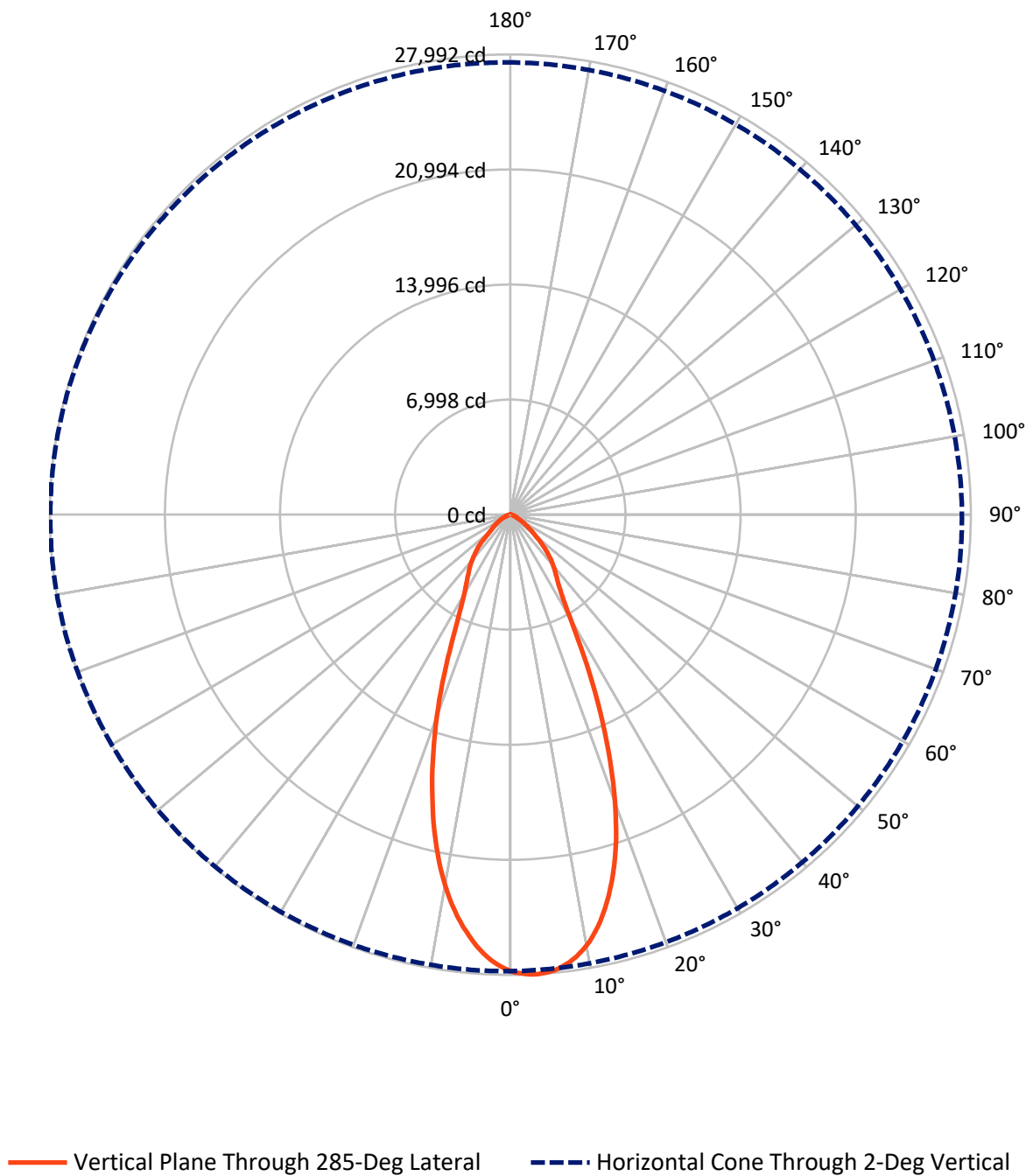
Based on 25 foot mounting height. Maximum calculated value = 44.5 fc

Type V - Short - N/A

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## Luminous Intensity Polar Plot



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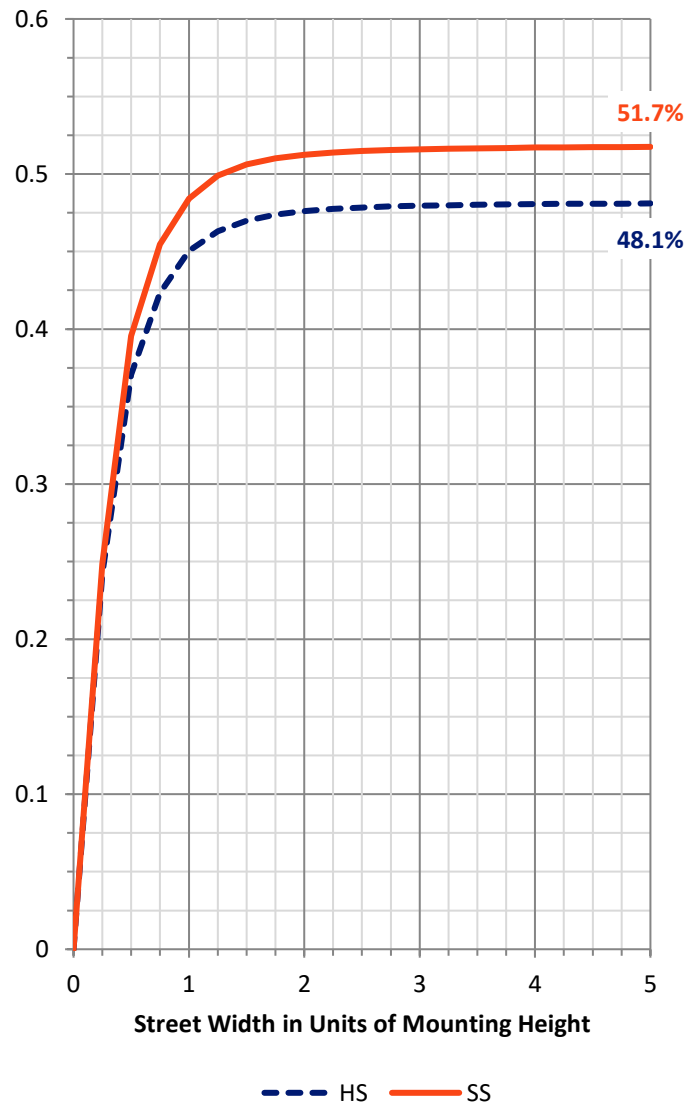
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 9993.1   | 0.0    | 9993.1  |
|                    | % Fixture | 48.6     | 0.0    | 48.6    |
| <b>Street Side</b> | Lumens    | 10574.7  | 0.0    | 10574.7 |
|                    | % Fixture | 51.4     | 0.0    | 51.4    |
| <b>Total</b>       | Lumens    | 20567.8  | 0.0    | 20567.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 2503.1  | 12.2      |
| 10°-20°   | 5916.4  | 28.8      |
| 20°-30°   | 5022.2  | 24.4      |
| 30°-40°   | 3071.2  | 14.9      |
| 40°-50°   | 2239.5  | 10.9      |
| 50°-60°   | 1112.1  | 5.4       |
| 60°-70°   | 500.6   | 2.4       |
| 70°-80°   | 179.9   | 0.9       |
| 80°-90°   | 22.7    | 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°    | 20567.8 | 100.0     |
| 0°-180°   | 20567.8 | 100.0     |

**Coefficient of Utilization**



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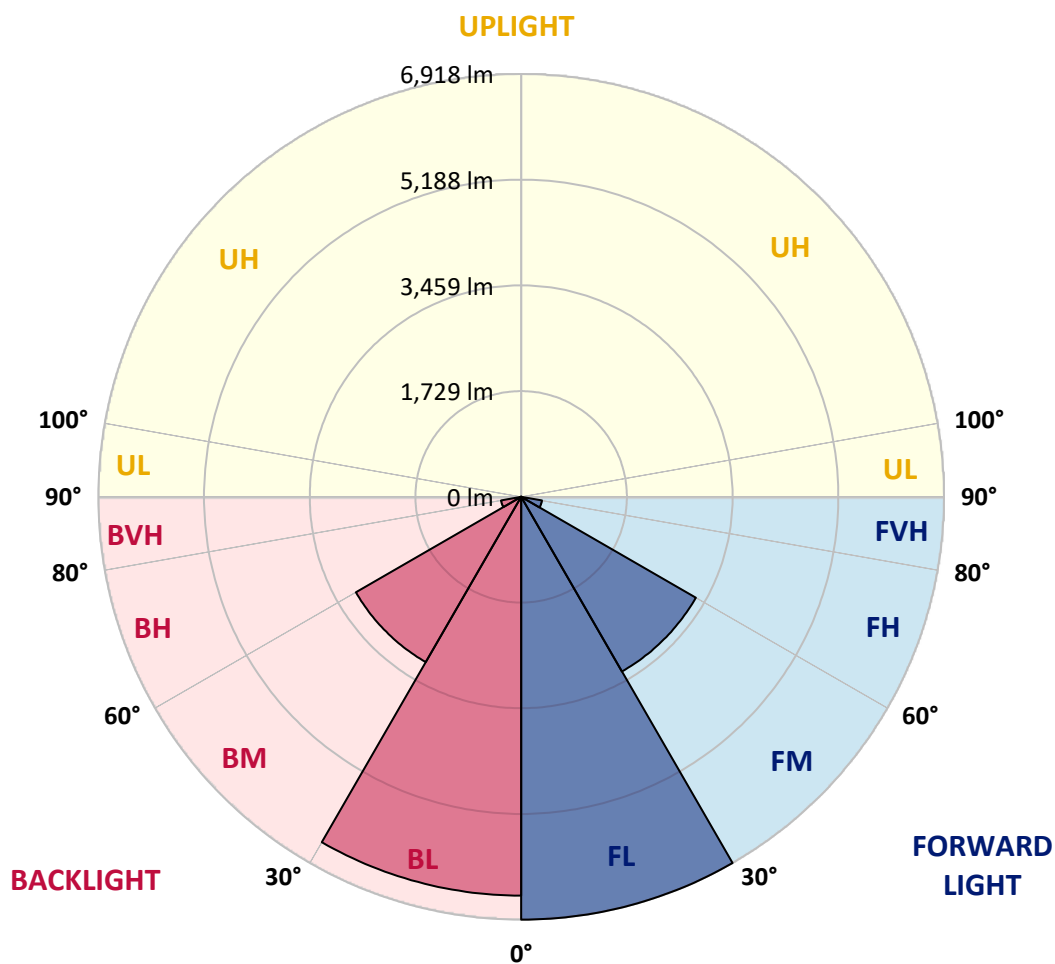
CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 6917.6 | 33.6      |                         |      |        |
| FM   | (30°-60°)   | 3300.5 | 16.0      |                         |      |        |
| FH   | (60°-80°)   | 345.7  | 1.7       |                         |      | G0/660 |
| FVH  | (80°-90°)   | 10.8   | 0.1       |                         |      | G1/100 |
| BL   | (0°-30°)    | 6524.0 | 31.7      | B5                      |      |        |
| BM   | (30°-60°)   | 3122.3 | 15.2      | B3/5000                 |      |        |
| BH   | (60°-80°)   | 334.9  | 1.6       | B1/500                  |      | G0/660 |
| BVH  | (80°-90°)   | 11.9   | 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°  | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 |
| 1°  | 27867.3 | 27825.8 | 27788.6 | 27758.0 | 27727.3 | 27703.3 | 27677.0 | 27648.6 | 27646.4 | 27652.9 | 27670.4 |
| 2°  | 27764.5 | 27688.0 | 27635.4 | 27593.9 | 27552.3 | 27499.8 | 27456.1 | 27412.3 | 27397.0 | 27403.5 | 27405.7 |
| 3°  | 27572.0 | 27480.1 | 27401.4 | 27340.1 | 27278.8 | 27217.6 | 27152.0 | 27108.2 | 27079.8 | 27077.6 | 27090.7 |
| 4°  | 27302.9 | 27176.0 | 27081.9 | 27020.7 | 26941.9 | 26878.5 | 26788.8 | 26734.1 | 26710.0 | 26712.2 | 26729.7 |
| 5°  | 26979.1 | 26856.6 | 26740.7 | 26640.0 | 26546.0 | 26471.6 | 26366.6 | 26298.7 | 26274.7 | 26296.6 | 26340.3 |
| 6°  | 26631.3 | 26493.4 | 26362.2 | 26226.5 | 26090.9 | 25985.9 | 25865.6 | 25786.8 | 25780.2 | 25839.3 | 25937.8 |
| 7°  | 26287.8 | 26130.3 | 25961.8 | 25771.5 | 25581.2 | 25445.5 | 25327.4 | 25246.4 | 25248.6 | 25344.9 | 25509.0 |
| 8°  | 25981.5 | 25784.6 | 25554.9 | 25292.4 | 25036.4 | 24857.0 | 24703.9 | 24640.4 | 24679.8 | 24830.8 | 25078.0 |
| 9°  | 25666.5 | 25436.8 | 25132.7 | 24778.3 | 24441.4 | 24207.3 | 24025.7 | 23975.4 | 24043.2 | 24264.1 | 24607.6 |
| 10° | 25331.8 | 25058.3 | 24677.6 | 24240.1 | 23820.0 | 23520.3 | 23281.9 | 23249.0 | 23365.0 | 23660.3 | 24073.8 |
| 11° | 24942.3 | 24640.4 | 24181.0 | 23664.7 | 23150.6 | 22761.2 | 22496.5 | 22463.6 | 22640.9 | 22997.5 | 23496.3 |
| 12° | 24476.4 | 24130.7 | 23645.0 | 23032.5 | 22452.7 | 21975.8 | 21641.5 | 21629.7 | 21852.4 | 22284.2 | 22829.0 |
| 13° | 23922.9 | 23553.1 | 23015.0 | 22343.3 | 21687.7 | 21116.0 | 20725.7 | 20727.5 | 21012.1 | 21500.2 | 22083.0 |
| 14° | 23295.0 | 22870.6 | 22286.4 | 21597.3 | 20854.1 | 20207.7 | 19768.1 | 19777.1 | 20119.5 | 20648.3 | 21258.4 |
| 15° | 22601.5 | 22146.4 | 21459.0 | 20772.5 | 19986.9 | 19255.1 | 18756.7 | 18788.9 | 19156.4 | 19730.7 | 20350.5 |
| 16° | 21877.3 | 21323.2 | 20595.8 | 19886.9 | 19042.2 | 18260.1 | 17727.2 | 17748.6 | 18144.6 | 18766.8 | 19379.6 |
| 17° | 21111.8 | 20468.4 | 19680.4 | 18934.6 | 18040.0 | 17218.1 | 16684.7 | 16712.3 | 17105.4 | 17728.1 | 18363.2 |
| 18° | 20314.9 | 19598.4 | 18734.4 | 17931.8 | 17009.0 | 16178.7 | 15650.8 | 15646.4 | 16036.7 | 16658.7 | 17308.9 |
| 19° | 19488.8 | 18692.6 | 17742.5 | 16869.2 | 15945.7 | 15119.6 | 14617.3 | 14607.5 | 14958.2 | 15523.5 | 16207.2 |
| 20° | 18616.1 | 17727.0 | 16707.9 | 15791.3 | 14883.6 | 14087.9 | 13590.9 | 13572.7 | 13876.1 | 14366.2 | 15044.8 |
| 21° | 17644.5 | 16672.3 | 15610.4 | 14698.7 | 13802.6 | 13050.7 | 12557.4 | 12529.1 | 12785.3 | 13199.3 | 13829.1 |
| 22° | 16560.7 | 15583.2 | 14491.3 | 13591.1 | 12737.9 | 12006.5 | 11544.7 | 11499.8 | 11730.2 | 12048.1 | 12612.1 |
| 23° | 15380.6 | 14399.0 | 13343.4 | 12465.7 | 11659.7 | 10975.9 | 10543.6 | 10477.9 | 10663.7 | 10924.2 | 11411.9 |
| 24° | 14128.8 | 13188.7 | 12199.9 | 11361.8 | 10614.4 | 9987.9  | 9587.5  | 9514.0  | 9641.6  | 9836.7  | 10285.2 |
| 25° | 12872.8 | 12014.6 | 11095.5 | 10310.8 | 9616.2  | 9071.4  | 8731.7  | 8619.9  | 8690.1  | 8839.1  | 9241.6  |
| 26° | 11603.1 | 10845.0 | 10019.4 | 9301.1  | 8690.1  | 8247.3  | 7970.3  | 7846.3  | 7837.8  | 7953.7  | 8293.9  |
| 27° | 10376.9 | 9746.1  | 9023.1  | 8376.6  | 7875.6  | 7546.1  | 7327.2  | 7193.7  | 7125.7  | 7184.3  | 7493.0  |
| 28° | 9231.8  | 8726.4  | 8127.2  | 7569.3  | 7161.5  | 6939.7  | 6781.8  | 6636.9  | 6530.6  | 6553.8  | 6808.4  |
| 29° | 8253.2  | 7856.6  | 7359.3  | 6884.1  | 6573.5  | 6428.4  | 6324.3  | 6179.3  | 6039.9  | 6030.3  | 6256.5  |
| 30° | 7445.1  | 7120.6  | 6717.0  | 6307.2  | 6069.2  | 6002.3  | 5943.9  | 5794.2  | 5643.9  | 5606.3  | 5802.3  |
| 31° | 6810.0  | 6547.4  | 6182.1  | 5824.8  | 5650.3  | 5648.7  | 5622.5  | 5480.3  | 5312.7  | 5257.3  | 5443.1  |
| 32° | 6314.5  | 6084.7  | 5740.4  | 5434.8  | 5306.3  | 5350.1  | 5355.1  | 5204.4  | 5037.9  | 4968.3  | 5143.6  |
| 33° | 5934.2  | 5722.5  | 5384.0  | 5102.7  | 5014.9  | 5095.0  | 5119.1  | 4968.3  | 4802.1  | 4716.8  | 4889.6  |
| 34° | 5633.2  | 5435.2  | 5090.6  | 4820.7  | 4756.6  | 4870.8  | 4915.8  | 4759.9  | 4589.9  | 4503.0  | 4676.9  |
| 35° | 5389.9  | 5194.3  | 4843.9  | 4573.0  | 4528.6  | 4662.9  | 4721.8  | 4564.3  | 4393.2  | 4304.1  | 4485.9  |
| 36° | 5187.8  | 4989.1  | 4630.8  | 4348.6  | 4324.9  | 4474.6  | 4537.4  | 4382.7  | 4211.6  | 4123.7  | 4307.4  |
| 37° | 5013.4  | 4804.0  | 4440.2  | 4152.5  | 4138.8  | 4293.9  | 4360.8  | 4215.1  | 4030.0  | 3943.0  | 4140.5  |
| 38° | 4851.5  | 4626.2  | 4265.4  | 3974.0  | 3964.8  | 4117.3  | 4193.0  | 4047.3  | 3848.4  | 3762.2  | 3973.6  |
| 39° | 4686.8  | 4449.4  | 4095.7  | 3800.1  | 3790.5  | 3938.8  | 4025.2  | 3879.3  | 3665.1  | 3575.8  | 3806.4  |
| 40° | 4510.0  | 4272.4  | 3917.6  | 3621.6  | 3616.8  | 3750.2  | 3857.2  | 3698.8  | 3487.5  | 3393.8  | 3626.4  |
| 41° | 4325.8  | 4090.0  | 3729.4  | 3441.5  | 3438.0  | 3559.7  | 3664.9  | 3521.8  | 3299.5  | 3214.9  | 3441.5  |
| 42° | 4127.2  | 3896.6  | 3535.6  | 3260.2  | 3254.9  | 3356.2  | 3463.2  | 3330.4  | 3110.5  | 3033.7  | 3254.9  |
| 43° | 3918.0  | 3691.8  | 3345.3  | 3073.1  | 3070.0  | 3146.4  | 3263.9  | 3147.7  | 2918.0  | 2847.3  | 3068.1  |
| 44° | 3699.0  | 3478.7  | 3149.7  | 2892.0  | 2884.7  | 2943.4  | 3066.3  | 2965.0  | 2724.8  | 2664.7  | 2893.5  |

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**CANDELA DISTRIBUTION (continued):**

|     | 0°     | 15°    | 30°    | 45°    | 60°    | 75°    | 90°    | 105°   | 120°   | 135°   | 150°   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 45° | 3460.8 | 3263.4 | 2956.3 | 2711.9 | 2709.1 | 2753.3 | 2878.2 | 2788.3 | 2542.8 | 2491.2 | 2722.9 |
| 46° | 3219.2 | 3052.3 | 2763.1 | 2537.1 | 2536.5 | 2566.4 | 2674.5 | 2594.2 | 2358.2 | 2341.5 | 2562.9 |
| 47° | 2984.7 | 2843.0 | 2574.5 | 2364.9 | 2343.7 | 2361.9 | 2457.5 | 2364.1 | 2129.3 | 2172.9 | 2386.4 |
| 48° | 2765.7 | 2641.9 | 2375.7 | 2170.5 | 2142.9 | 2170.5 | 2252.9 | 2132.9 | 1899.7 | 1966.3 | 2169.7 |
| 49° | 2533.4 | 2418.5 | 2141.6 | 1961.8 | 1961.8 | 1981.6 | 2061.4 | 1908.4 | 1696.1 | 1760.3 | 1929.4 |
| 50° | 2319.7 | 2185.7 | 1944.7 | 1756.7 | 1780.9 | 1821.1 | 1893.4 | 1713.3 | 1482.9 | 1502.2 | 1715.2 |
| 51° | 2151.9 | 1933.7 | 1749.1 | 1551.7 | 1599.9 | 1661.4 | 1757.8 | 1575.5 | 1319.3 | 1298.2 | 1508.5 |
| 52° | 1943.6 | 1759.4 | 1553.4 | 1410.4 | 1461.6 | 1534.2 | 1637.2 | 1472.0 | 1203.5 | 1132.5 | 1361.9 |
| 53° | 1755.4 | 1585.1 | 1399.3 | 1303.8 | 1330.0 | 1397.8 | 1526.9 | 1387.5 | 1102.6 | 1001.7 | 1270.3 |
| 54° | 1567.9 | 1466.4 | 1291.6 | 1232.0 | 1209.0 | 1261.0 | 1402.1 | 1320.2 | 1017.8 | 875.3  | 1171.2 |
| 55° | 1437.9 | 1314.0 | 1179.2 | 1152.4 | 1114.6 | 1144.8 | 1291.4 | 1238.1 | 939.8  | 766.3  | 1060.5 |
| 56° | 1289.4 | 1184.8 | 1084.4 | 1057.9 | 1050.0 | 1056.3 | 1197.1 | 1160.1 | 866.3  | 679.4  | 947.0  |
| 57° | 1146.6 | 1081.7 | 991.1  | 975.8  | 991.4  | 974.5  | 1101.4 | 1077.2 | 808.1  | 620.7  | 852.0  |
| 58° | 1008.8 | 982.3  | 907.7  | 898.1  | 911.0  | 881.4  | 1007.5 | 1016.7 | 750.6  | 577.9  | 767.8  |
| 59° | 912.5  | 906.6  | 835.8  | 821.0  | 847.8  | 802.9  | 923.7  | 928.3  | 679.9  | 539.2  | 698.6  |
| 60° | 816.4  | 853.2  | 770.8  | 750.6  | 779.8  | 705.4  | 853.3  | 839.8  | 624.9  | 504.4  | 639.6  |
| 61° | 730.0  | 779.1  | 699.5  | 689.2  | 707.3  | 626.6  | 778.1  | 780.6  | 590.6  | 475.6  | 584.3  |
| 62° | 652.3  | 697.4  | 634.3  | 631.3  | 643.4  | 580.4  | 710.9  | 724.9  | 547.0  | 446.7  | 537.5  |
| 63° | 587.5  | 625.7  | 579.6  | 579.0  | 589.3  | 540.5  | 659.3  | 668.7  | 505.1  | 417.9  | 497.7  |
| 64° | 526.2  | 572.8  | 532.2  | 533.1  | 541.9  | 494.8  | 605.1  | 604.4  | 465.5  | 392.9  | 460.4  |
| 65° | 474.2  | 518.2  | 491.9  | 491.5  | 495.5  | 453.5  | 551.7  | 546.6  | 425.8  | 369.2  | 423.2  |
| 66° | 430.5  | 469.4  | 451.7  | 451.7  | 452.0  | 416.4  | 501.0  | 494.7  | 391.0  | 345.1  | 388.7  |
| 67° | 390.6  | 425.6  | 413.2  | 413.8  | 410.2  | 383.8  | 450.4  | 442.7  | 356.9  | 321.4  | 354.0  |
| 68° | 353.3  | 382.9  | 374.4  | 375.0  | 369.5  | 352.1  | 399.8  | 391.0  | 323.7  | 298.7  | 320.1  |
| 69° | 318.8  | 343.3  | 334.6  | 336.1  | 331.1  | 319.7  | 356.0  | 348.9  | 293.8  | 275.6  | 291.9  |
| 70° | 285.2  | 305.3  | 298.8  | 299.7  | 295.2  | 289.4  | 321.0  | 313.5  | 266.6  | 253.2  | 281.0  |
| 71° | 255.7  | 271.6  | 272.2  | 266.1  | 262.9  | 261.6  | 308.6  | 281.1  | 241.8  | 230.8  | 267.0  |
| 72° | 227.1  | 241.1  | 266.8  | 236.3  | 233.3  | 235.2  | 275.7  | 250.7  | 218.3  | 208.9  | 240.1  |
| 73° | 200.5  | 212.7  | 238.9  | 208.8  | 206.3  | 209.7  | 237.7  | 221.8  | 195.0  | 186.2  | 205.5  |
| 74° | 177.2  | 186.7  | 202.3  | 184.6  | 182.6  | 186.3  | 203.7  | 194.9  | 173.0  | 164.8  | 177.7  |
| 75° | 154.0  | 160.8  | 173.5  | 160.5  | 159.0  | 162.9  | 175.5  | 169.4  | 151.9  | 144.9  | 153.6  |
| 76° | 130.7  | 134.9  | 144.7  | 136.3  | 135.4  | 139.5  | 151.8  | 146.2  | 131.9  | 125.6  | 131.3  |
| 77° | 111.1  | 112.8  | 116.0  | 114.5  | 115.2  | 118.9  | 130.7  | 124.8  | 113.2  | 107.3  | 111.5  |
| 78° | 91.7   | 91.3   | 96.8   | 95.2   | 97.3   | 100.3  | 112.6  | 105.1  | 95.9   | 89.0   | 93.7   |
| 79° | 72.2   | 73.0   | 79.9   | 78.2   | 80.6   | 82.8   | 94.7   | 86.9   | 79.9   | 73.1   | 78.4   |
| 80° | 56.3   | 56.7   | 63.6   | 63.0   | 64.5   | 67.0   | 77.1   | 70.7   | 65.1   | 59.2   | 64.2   |
| 81° | 42.9   | 43.0   | 48.2   | 50.2   | 52.4   | 54.4   | 62.7   | 58.4   | 53.1   | 48.2   | 51.9   |
| 82° | 31.9   | 32.7   | 36.8   | 37.6   | 40.1   | 42.6   | 50.6   | 46.1   | 41.2   | 37.2   | 39.6   |
| 83° | 22.7   | 22.9   | 25.0   | 26.3   | 29.0   | 31.8   | 38.6   | 33.9   | 29.4   | 26.2   | 27.4   |
| 84° | 15.9   | 16.1   | 17.7   | 19.0   | 21.3   | 23.4   | 26.6   | 24.8   | 21.8   | 19.1   | 19.0   |
| 85° | 9.2    | 9.3    | 10.3   | 11.8   | 13.8   | 15.8   | 16.8   | 17.1   | 14.6   | 12.5   | 11.5   |
| 86° | 2.4    | 2.5    | 2.9    | 4.6    | 6.3    | 9.4    | 9.1    | 9.2    | 7.7    | 6.7    | 5.9    |
| 87° | 0.7    | 0.7    | 0.8    | 1.1    | 2.0    | 3.0    | 3.5    | 3.5    | 3.0    | 2.7    | 2.6    |
| 88° | 0.3    | 0.3    | 0.3    | 0.4    | 0.5    | 0.7    | 0.9    | 0.9    | 1.0    | 1.0    | 1.2    |
| 89° | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    |



REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P1440390  
CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

CANDELA DISTRIBUTION (continued):

|      | 0°  | 15° | 30° | 45° | 60° | 75° | 90° | 105° | 120° | 135° | 150° |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

|     | 165°    | 180°    | 195°    | 210°    | 225°    | 240°    | 255°    | 270°    | 285°    | 300°    | 315°    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°  | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 | 27838.9 |
| 1°  | 27692.3 | 27738.3 | 27758.0 | 27806.1 | 27838.9 | 27878.3 | 27908.9 | 27924.2 | 27919.9 | 27937.4 | 27943.9 |
| 2°  | 27442.9 | 27506.4 | 27569.8 | 27655.1 | 27755.8 | 27845.5 | 27924.2 | 27970.2 | 27992.0 | 27976.7 | 27954.9 |
| 3°  | 27134.5 | 27197.9 | 27298.5 | 27425.4 | 27582.9 | 27736.1 | 27889.2 | 27952.7 | 27987.7 | 27959.2 | 27891.4 |
| 4°  | 26782.2 | 26861.0 | 26979.1 | 27138.8 | 27362.0 | 27580.8 | 27799.5 | 27898.0 | 27946.1 | 27871.7 | 27742.6 |
| 5°  | 26421.3 | 26511.0 | 26633.5 | 26815.0 | 27086.3 | 27375.1 | 27650.8 | 27801.7 | 27849.8 | 27731.7 | 27545.7 |
| 6°  | 26060.3 | 26152.2 | 26276.9 | 26491.3 | 26782.2 | 27121.3 | 27453.9 | 27650.8 | 27681.4 | 27543.6 | 27296.3 |
| 7°  | 25679.6 | 25813.1 | 25950.9 | 26158.7 | 26458.4 | 26823.8 | 27200.1 | 27427.6 | 27456.1 | 27287.6 | 27016.3 |
| 8°  | 25314.3 | 25484.9 | 25638.0 | 25848.1 | 26134.7 | 26500.0 | 26891.6 | 27149.8 | 27184.8 | 26992.3 | 26694.7 |
| 9°  | 24922.7 | 25126.1 | 25323.0 | 25533.0 | 25799.9 | 26134.7 | 26526.3 | 26791.0 | 26826.0 | 26635.7 | 26340.3 |
| 10° | 24461.0 | 24712.6 | 24944.5 | 25191.7 | 25428.0 | 25719.0 | 26082.2 | 26360.0 | 26405.9 | 26222.2 | 25992.5 |
| 11° | 23938.2 | 24222.6 | 24504.8 | 24795.8 | 25036.4 | 25246.4 | 25559.3 | 25830.6 | 25896.2 | 25749.6 | 25607.4 |
| 12° | 23323.4 | 23629.7 | 23960.1 | 24336.3 | 24587.9 | 24738.9 | 24970.8 | 25220.2 | 25303.3 | 25224.6 | 25191.7 |
| 13° | 22610.2 | 22931.8 | 23323.4 | 23796.0 | 24084.8 | 24141.6 | 24325.4 | 24548.6 | 24636.1 | 24633.9 | 24725.8 |
| 14° | 21814.3 | 22179.2 | 22597.1 | 23163.7 | 23485.3 | 23511.6 | 23601.3 | 23802.5 | 23901.0 | 23988.5 | 24198.5 |
| 15° | 20966.1 | 21385.3 | 21833.6 | 22444.0 | 22820.2 | 22807.1 | 22826.8 | 22973.4 | 23117.8 | 23284.0 | 23599.1 |
| 16° | 20077.3 | 20579.6 | 21022.8 | 21629.7 | 22017.3 | 21997.7 | 21980.2 | 22065.5 | 22249.2 | 22524.9 | 22916.5 |
| 17° | 19166.5 | 19773.6 | 20221.2 | 20746.3 | 21120.2 | 21128.9 | 21048.2 | 21073.3 | 21309.8 | 21671.0 | 22107.0 |
| 18° | 18194.1 | 18930.2 | 19383.5 | 19812.8 | 20132.6 | 20168.9 | 20037.9 | 20013.4 | 20280.1 | 20769.0 | 21201.3 |
| 19° | 17151.2 | 17993.4 | 18490.9 | 18827.6 | 19054.7 | 19114.4 | 18945.3 | 18883.6 | 19191.9 | 19758.1 | 20178.8 |
| 20° | 16017.9 | 16941.1 | 17478.2 | 17763.1 | 17887.6 | 17977.3 | 17785.0 | 17702.5 | 18023.9 | 18647.1 | 19091.7 |
| 21° | 14804.4 | 15755.6 | 16338.9 | 16583.5 | 16646.2 | 16784.1 | 16571.6 | 16494.6 | 16823.7 | 17476.9 | 17912.3 |
| 22° | 13536.6 | 14490.0 | 15097.3 | 15309.8 | 15374.3 | 15524.2 | 15339.1 | 15272.1 | 15613.9 | 16246.1 | 16684.1 |
| 23° | 12280.2 | 13189.0 | 13798.5 | 13963.6 | 14033.4 | 14233.0 | 14092.3 | 14052.9 | 14382.4 | 14988.6 | 15386.3 |
| 24° | 11049.8 | 11893.4 | 12451.9 | 12646.2 | 12728.9 | 12927.8 | 12846.8 | 12828.4 | 13169.7 | 13709.0 | 14073.5 |
| 25° | 9916.3  | 10629.8 | 11169.3 | 11351.3 | 11427.6 | 11686.7 | 11613.4 | 11626.3 | 11973.9 | 12458.5 | 12764.3 |
| 26° | 8863.6  | 9456.7  | 9929.9  | 10129.6 | 10212.1 | 10420.4 | 10399.2 | 10448.4 | 10785.3 | 11212.4 | 11498.1 |
| 27° | 7965.5  | 8457.8  | 8860.5  | 9050.0  | 9105.6  | 9274.9  | 9272.5  | 9346.7  | 9661.9  | 10040.6 | 10287.4 |
| 28° | 7206.8  | 7602.8  | 7910.0  | 8073.2  | 8110.8  | 8217.3  | 8247.3  | 8339.4  | 8603.5  | 8934.3  | 9166.6  |
| 29° | 6610.0  | 6949.6  | 7172.7  | 7272.9  | 7262.4  | 7309.4  | 7365.9  | 7488.6  | 7696.2  | 7951.1  | 8163.1  |
| 30° | 6140.7  | 6433.9  | 6579.2  | 6603.5  | 6549.2  | 6562.8  | 6653.6  | 6794.4  | 6943.4  | 7105.5  | 7280.6  |
| 31° | 5768.8  | 6044.7  | 6138.8  | 6081.0  | 5976.9  | 5975.4  | 6094.1  | 6247.5  | 6350.3  | 6417.5  | 6568.0  |
| 32° | 5475.7  | 5732.5  | 5775.2  | 5654.0  | 5524.0  | 5508.3  | 5651.4  | 5814.1  | 5882.2  | 5884.6  | 5984.3  |
| 33° | 5235.5  | 5480.1  | 5499.5  | 5317.5  | 5150.1  | 5144.7  | 5296.3  | 5470.2  | 5504.8  | 5449.6  | 5519.0  |
| 34° | 5028.3  | 5279.9  | 5258.2  | 5041.4  | 4854.1  | 4846.9  | 5011.0  | 5189.5  | 5205.3  | 5103.5  | 5147.5  |
| 35° | 4849.8  | 5108.4  | 5053.7  | 4805.4  | 4596.2  | 4598.2  | 4767.7  | 4950.4  | 4954.3  | 4819.4  | 4838.4  |
| 36° | 4685.9  | 4953.5  | 4872.5  | 4595.3  | 4374.6  | 4380.9  | 4557.3  | 4748.5  | 4736.4  | 4574.3  | 4583.3  |
| 37° | 4526.0  | 4802.1  | 4699.7  | 4404.8  | 4192.4  | 4201.5  | 4372.2  | 4562.1  | 4535.8  | 4358.6  | 4361.0  |
| 38° | 4358.8  | 4643.0  | 4529.7  | 4231.7  | 4009.9  | 4022.4  | 4207.9  | 4394.1  | 4351.2  | 4162.4  | 4163.9  |
| 39° | 4185.6  | 4478.5  | 4355.8  | 4058.9  | 3827.4  | 3843.0  | 4043.6  | 4227.8  | 4177.3  | 3977.5  | 3978.6  |
| 40° | 4012.3  | 4303.7  | 4165.4  | 3885.9  | 3641.9  | 3661.0  | 3879.3  | 4054.7  | 3994.1  | 3795.5  | 3797.2  |
| 41° | 3838.8  | 4121.5  | 3975.3  | 3696.8  | 3456.6  | 3478.9  | 3700.3  | 3872.5  | 3807.3  | 3614.8  | 3618.9  |
| 42° | 3634.7  | 3938.8  | 3784.1  | 3493.8  | 3269.8  | 3294.5  | 3512.8  | 3681.7  | 3607.4  | 3427.7  | 3435.8  |
| 43° | 3435.0  | 3736.4  | 3566.4  | 3289.9  | 3078.1  | 3109.4  | 3321.2  | 3475.2  | 3394.9  | 3241.8  | 3247.9  |
| 44° | 3237.6  | 3530.8  | 3350.7  | 3076.4  | 2881.2  | 2919.3  | 3128.9  | 3266.1  | 3171.6  | 3047.5  | 3060.9  |

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

|     | 165°   | 180°   | 195°   | 210°   | 225°   | 240°   | 255°   | 270°   | 285°   | 300°   | 315°   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 45° | 3050.6 | 3331.7 | 3135.5 | 2868.3 | 2683.3 | 2715.0 | 2932.9 | 3061.5 | 2944.7 | 2851.5 | 2873.4 |
| 46° | 2867.2 | 3139.4 | 2940.3 | 2674.9 | 2498.0 | 2517.4 | 2742.3 | 2863.7 | 2720.7 | 2649.3 | 2690.3 |
| 47° | 2665.3 | 2922.4 | 2740.8 | 2502.3 | 2326.0 | 2327.5 | 2553.7 | 2682.8 | 2521.4 | 2456.2 | 2514.4 |
| 48° | 2434.3 | 2697.9 | 2503.4 | 2289.2 | 2135.7 | 2124.2 | 2349.6 | 2486.8 | 2314.6 | 2274.1 | 2343.9 |
| 49° | 2225.6 | 2493.6 | 2272.2 | 2046.7 | 1895.4 | 1880.2 | 2127.3 | 2284.2 | 2105.0 | 2083.9 | 2142.9 |
| 50° | 2049.2 | 2355.1 | 2100.2 | 1829.3 | 1639.6 | 1664.2 | 1891.3 | 2073.9 | 1945.5 | 1892.4 | 1950.9 |
| 51° | 1886.2 | 2178.9 | 1973.8 | 1650.4 | 1404.0 | 1477.1 | 1682.3 | 1921.6 | 1786.2 | 1700.9 | 1725.1 |
| 52° | 1755.9 | 1998.2 | 1826.5 | 1454.1 | 1193.6 | 1280.9 | 1523.3 | 1769.8 | 1626.9 | 1509.4 | 1498.5 |
| 53° | 1678.6 | 1894.8 | 1744.4 | 1357.6 | 1072.8 | 1155.1 | 1420.1 | 1618.1 | 1493.6 | 1370.6 | 1365.8 |
| 54° | 1581.6 | 1799.4 | 1657.8 | 1247.6 | 947.2  | 1062.6 | 1345.2 | 1483.0 | 1360.8 | 1258.8 | 1264.2 |
| 55° | 1481.9 | 1674.8 | 1524.1 | 1129.5 | 824.0  | 978.8  | 1284.9 | 1359.9 | 1235.7 | 1164.3 | 1169.1 |
| 56° | 1341.4 | 1533.5 | 1380.0 | 1018.1 | 722.5  | 910.0  | 1220.5 | 1258.9 | 1128.8 | 1091.2 | 1083.6 |
| 57° | 1208.4 | 1385.7 | 1247.8 | 912.5  | 653.8  | 854.4  | 1135.6 | 1149.7 | 1020.5 | 1023.5 | 1000.9 |
| 58° | 1110.3 | 1258.3 | 1130.2 | 818.0  | 606.8  | 803.1  | 1052.4 | 1048.3 | 910.2  | 930.0  | 925.5  |
| 59° | 1005.2 | 1156.1 | 1020.8 | 744.8  | 565.7  | 732.6  | 996.6  | 969.0  | 849.5  | 853.2  | 853.9  |
| 60° | 895.0  | 1045.1 | 913.3  | 689.8  | 529.2  | 661.0  | 912.2  | 887.7  | 766.6  | 804.0  | 788.0  |
| 61° | 804.9  | 929.8  | 814.5  | 624.0  | 495.1  | 607.0  | 819.2  | 802.5  | 674.7  | 737.7  | 725.4  |
| 62° | 727.5  | 828.6  | 725.0  | 561.3  | 464.9  | 564.8  | 750.0  | 740.0  | 608.2  | 670.4  | 665.8  |
| 63° | 654.3  | 735.6  | 652.4  | 510.8  | 434.7  | 523.1  | 696.0  | 684.9  | 550.8  | 606.5  | 612.0  |
| 64° | 598.5  | 656.6  | 588.6  | 469.9  | 408.8  | 484.0  | 633.7  | 629.1  | 501.5  | 552.9  | 561.1  |
| 65° | 544.0  | 585.0  | 534.4  | 429.1  | 384.3  | 444.8  | 575.9  | 577.0  | 462.2  | 507.5  | 514.3  |
| 66° | 493.7  | 526.0  | 486.6  | 396.3  | 360.1  | 405.8  | 523.2  | 527.7  | 426.1  | 464.3  | 471.9  |
| 67° | 443.4  | 466.9  | 438.9  | 363.9  | 335.8  | 372.3  | 472.4  | 479.8  | 394.1  | 423.8  | 432.0  |
| 68° | 393.3  | 408.1  | 391.1  | 331.4  | 312.0  | 342.6  | 421.9  | 433.5  | 362.9  | 384.5  | 391.8  |
| 69° | 349.8  | 357.5  | 348.5  | 300.8  | 289.2  | 312.6  | 379.9  | 389.8  | 332.7  | 346.3  | 351.3  |
| 70° | 306.3  | 313.8  | 309.4  | 276.1  | 266.8  | 283.7  | 340.3  | 348.4  | 303.2  | 310.2  | 313.5  |
| 71° | 268.6  | 276.0  | 273.5  | 259.4  | 244.0  | 256.6  | 305.5  | 312.0  | 274.5  | 275.2  | 279.2  |
| 72° | 234.7  | 242.1  | 241.2  | 247.4  | 221.7  | 232.0  | 273.3  | 287.5  | 248.1  | 245.0  | 248.5  |
| 73° | 204.1  | 210.2  | 211.0  | 218.7  | 199.2  | 208.8  | 243.1  | 263.7  | 222.8  | 217.3  | 220.0  |
| 74° | 175.3  | 181.2  | 182.3  | 185.9  | 176.8  | 186.0  | 214.5  | 227.3  | 198.8  | 193.3  | 195.6  |
| 75° | 149.4  | 155.3  | 155.7  | 159.4  | 155.6  | 164.3  | 187.0  | 193.7  | 176.1  | 169.5  | 170.0  |
| 76° | 127.1  | 132.3  | 132.6  | 135.6  | 135.5  | 143.7  | 160.6  | 166.9  | 153.5  | 145.6  | 144.4  |
| 77° | 107.1  | 111.9  | 112.0  | 115.4  | 116.3  | 123.8  | 137.8  | 140.1  | 130.9  | 124.5  | 122.6  |
| 78° | 89.0   | 93.8   | 93.1   | 97.7   | 97.5   | 104.9  | 116.9  | 119.1  | 111.1  | 105.6  | 102.5  |
| 79° | 73.1   | 77.4   | 76.4   | 82.4   | 80.6   | 88.6   | 98.1   | 100.6  | 93.4   | 89.0   | 85.0   |
| 80° | 58.8   | 62.6   | 61.6   | 67.7   | 65.9   | 73.2   | 80.7   | 82.4   | 76.3   | 72.6   | 69.4   |
| 81° | 48.6   | 51.9   | 50.7   | 55.2   | 54.0   | 60.1   | 65.3   | 66.7   | 60.7   | 58.1   | 55.4   |
| 82° | 38.3   | 41.3   | 39.9   | 42.8   | 42.2   | 47.0   | 53.5   | 53.6   | 48.2   | 45.6   | 42.0   |
| 83° | 28.2   | 30.6   | 29.3   | 30.4   | 30.5   | 34.1   | 41.6   | 41.7   | 36.3   | 33.8   | 29.9   |
| 84° | 22.7   | 24.8   | 23.8   | 21.9   | 24.3   | 26.6   | 29.8   | 30.4   | 27.6   | 25.0   | 20.5   |
| 85° | 16.2   | 17.7   | 17.2   | 13.8   | 17.5   | 19.7   | 21.7   | 20.2   | 20.6   | 18.0   | 13.8   |
| 86° | 8.4    | 9.0    | 9.5    | 7.4    | 10.1   | 12.3   | 13.5   | 12.9   | 13.2   | 10.9   | 7.1    |
| 87° | 2.9    | 3.0    | 3.4    | 3.2    | 4.3    | 5.1    | 6.1    | 5.7    | 5.8    | 3.9    | 2.2    |
| 88° | 1.3    | 1.4    | 1.4    | 1.4    | 1.5    | 1.8    | 2.0    | 1.6    | 1.7    | 1.0    | 0.6    |
| 89° | 0.5    | 0.5    | 0.5    | 0.6    | 0.7    | 0.6    | 0.6    | 0.4    | 0.4    | 0.3    | 0.2    |

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

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



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CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

CANDELA DISTRIBUTION (continued):

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



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CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

|     | 330°    | 345°    | 360°    |
|-----|---------|---------|---------|
| 0°  | 27838.9 | 27838.9 | 27838.9 |
| 1°  | 27911.1 | 27900.2 | 27867.3 |
| 2°  | 27891.4 | 27825.8 | 27764.5 |
| 3°  | 27777.6 | 27668.3 | 27572.0 |
| 4°  | 27574.2 | 27418.9 | 27302.9 |
| 5°  | 27316.0 | 27114.8 | 26979.1 |
| 6°  | 27025.1 | 26791.0 | 26631.3 |
| 7°  | 26705.7 | 26462.8 | 26287.8 |
| 8°  | 26379.7 | 26143.4 | 25981.5 |
| 9°  | 26073.4 | 25841.5 | 25666.5 |
| 10° | 25756.2 | 25530.8 | 25331.8 |
| 11° | 25421.5 | 25185.2 | 24942.3 |
| 12° | 25067.0 | 24784.8 | 24476.4 |
| 13° | 24633.9 | 24279.5 | 23922.9 |
| 14° | 24121.9 | 23699.7 | 23295.0 |
| 15° | 23509.4 | 23045.6 | 22601.5 |
| 16° | 22818.1 | 22341.1 | 21877.3 |
| 17° | 22058.9 | 21589.0 | 21111.8 |
| 18° | 21209.4 | 20798.1 | 20314.9 |
| 19° | 20291.7 | 19983.2 | 19488.8 |
| 20° | 19301.9 | 19130.6 | 18616.1 |
| 21° | 18223.8 | 18178.5 | 17644.5 |
| 22° | 17079.6 | 17110.9 | 16560.7 |
| 23° | 15813.4 | 15938.9 | 15380.6 |
| 24° | 14502.7 | 14657.8 | 14128.8 |
| 25° | 13189.0 | 13355.9 | 12872.8 |
| 26° | 11879.0 | 12024.9 | 11603.1 |
| 27° | 10629.1 | 10742.2 | 10376.9 |
| 28° | 9453.6  | 9523.2  | 9231.8  |
| 29° | 8397.0  | 8446.2  | 8253.2  |
| 30° | 7491.0  | 7537.0  | 7445.1  |
| 31° | 6758.1  | 6841.9  | 6810.0  |
| 32° | 6178.8  | 6300.0  | 6314.5  |
| 33° | 5720.9  | 5883.5  | 5934.2  |
| 34° | 5358.9  | 5563.2  | 5633.2  |
| 35° | 5062.2  | 5302.8  | 5389.9  |
| 36° | 4824.4  | 5094.8  | 5187.8  |
| 37° | 4619.2  | 4915.2  | 5013.4  |
| 38° | 4428.6  | 4748.9  | 4851.5  |
| 39° | 4243.8  | 4578.1  | 4686.8  |
| 40° | 4060.9  | 4395.4  | 4510.0  |
| 41° | 3875.1  | 4208.5  | 4325.8  |
| 42° | 3676.5  | 4014.5  | 4127.2  |
| 43° | 3485.5  | 3816.9  | 3918.0  |
| 44° | 3294.1  | 3606.3  | 3699.0  |

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

|     | 330°   | 345°   | 360°   |
|-----|--------|--------|--------|
| 45° | 3098.3 | 3388.1 | 3460.8 |
| 46° | 2902.0 | 3165.6 | 3219.2 |
| 47° | 2702.9 | 2948.8 | 2984.7 |
| 48° | 2511.7 | 2733.1 | 2765.7 |
| 49° | 2310.0 | 2504.3 | 2533.4 |
| 50° | 2074.8 | 2270.6 | 2319.7 |
| 51° | 1878.2 | 2017.6 | 2151.9 |
| 52° | 1682.1 | 1839.1 | 1943.6 |
| 53° | 1485.9 | 1662.6 | 1755.4 |
| 54° | 1353.7 | 1486.1 | 1567.9 |
| 55° | 1245.5 | 1377.0 | 1437.9 |
| 56° | 1166.6 | 1269.4 | 1289.4 |
| 57° | 1071.0 | 1143.8 | 1146.6 |
| 58° | 978.8  | 1034.0 | 1008.8 |
| 59° | 895.9  | 941.9  | 912.5  |
| 60° | 819.4  | 841.7  | 816.4  |
| 61° | 752.5  | 753.3  | 730.0  |
| 62° | 684.7  | 685.8  | 652.3  |
| 63° | 619.3  | 622.6  | 587.5  |
| 64° | 562.8  | 565.1  | 526.2  |
| 65° | 513.0  | 511.1  | 474.2  |
| 66° | 463.6  | 463.3  | 430.5  |
| 67° | 415.4  | 423.0  | 390.6  |
| 68° | 372.6  | 383.7  | 353.3  |
| 69° | 332.4  | 346.3  | 318.8  |
| 70° | 298.2  | 310.1  | 285.2  |
| 71° | 267.3  | 277.2  | 255.7  |
| 72° | 245.2  | 247.1  | 227.1  |
| 73° | 234.5  | 217.6  | 200.5  |
| 74° | 208.3  | 191.7  | 177.2  |
| 75° | 174.1  | 165.9  | 154.0  |
| 76° | 145.1  | 140.1  | 130.7  |
| 77° | 125.0  | 117.8  | 111.1  |
| 78° | 105.0  | 96.9   | 91.7   |
| 79° | 84.9   | 77.6   | 72.2   |
| 80° | 68.2   | 60.5   | 56.3   |
| 81° | 52.2   | 45.5   | 42.9   |
| 82° | 39.0   | 33.4   | 31.9   |
| 83° | 27.8   | 24.3   | 22.7   |
| 84° | 19.9   | 17.3   | 15.9   |
| 85° | 12.0   | 10.3   | 9.2    |
| 86° | 4.1    | 3.2    | 2.4    |
| 87° | 1.0    | 0.8    | 0.7    |
| 88° | 0.4    | 0.4    | 0.3    |
| 89° | 0.2    | 0.2    | 0.2    |

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P1440390

CATALOG NUMBER: XSF300-SFTR-5Hx5V-830-Position 4

**CANDELA DISTRIBUTION (continued):**

|      | 330° | 345° | 360° |
|------|------|------|------|
| 180° | 0.0  | 0.0  | 0.0  |

(END OF REPORT)