

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: P1440332

Luminaire Tested: XSF100-SFTR-6Hx6V-840-Position 2

Issue Date: 04/15/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1440332  
Test Lab: THIRD PARTY NVLAP  
Issue Date: 7/15/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: LUMARK  
Catalog Number: XSF100-SFTR-6Hx6V-840-Position 2  
Description: LUMARK ALL SELECTABLE LUMINAIRE 100W w/ NEMA 6 FLOOD DISTRIBUTION 4000K CCT  
80 CRI LIGHT ENGINE AT Position 2  
Light Source: (1) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13522.6 lumens  
Efficiency: N/A  
Efficacy: 157.2 lumens/watt  
Luminous Opening: Rectangular (W 0.4' x L: 0.4' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G0

Input Watts (W): 86  
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

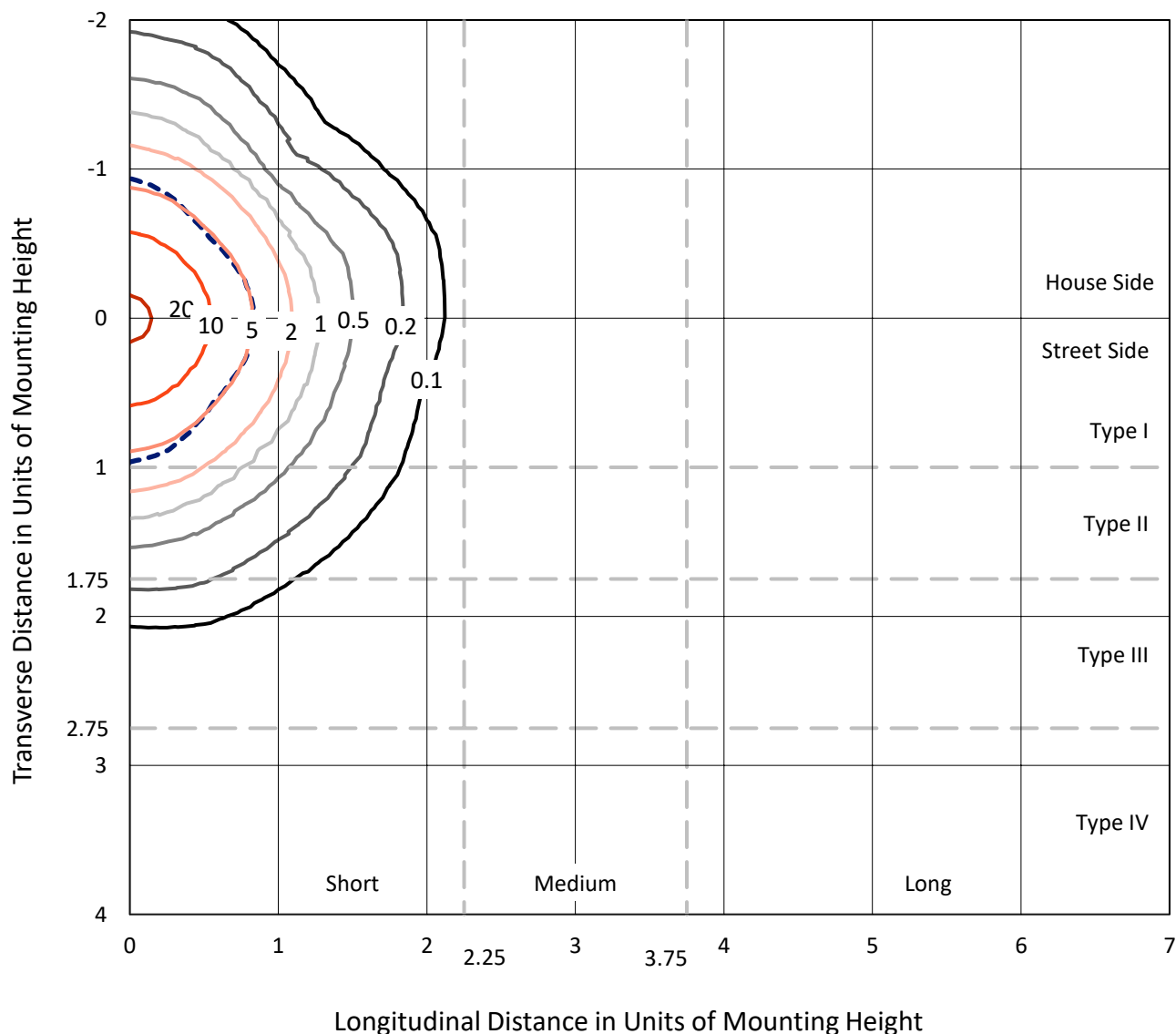
REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



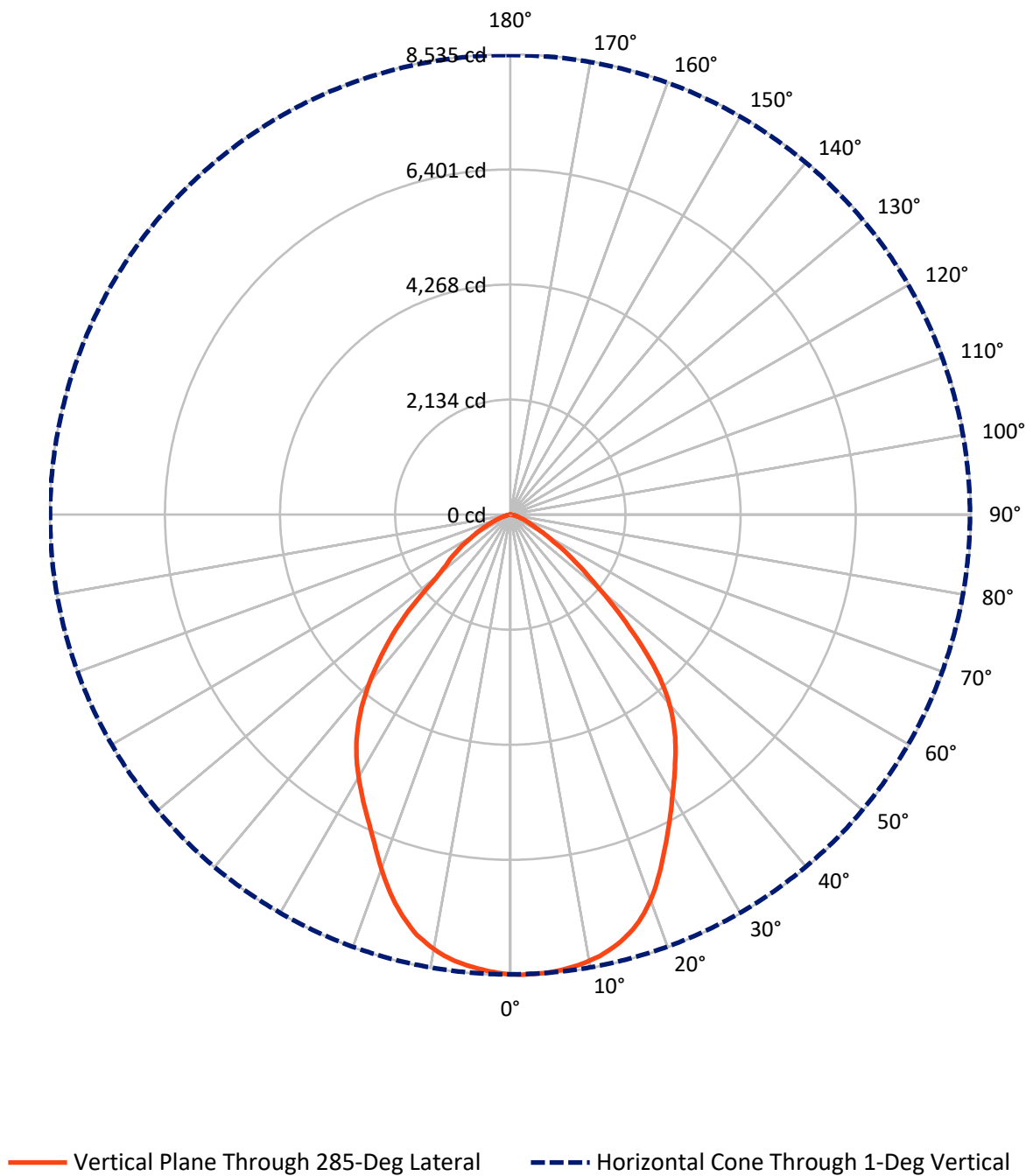
Based on 20 foot mounting height. Maximum calculated value = 21.3 fc

Type V - Short - N/A

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

## Luminous Intensity Polar Plot



REPORT NUMBER: P1440332

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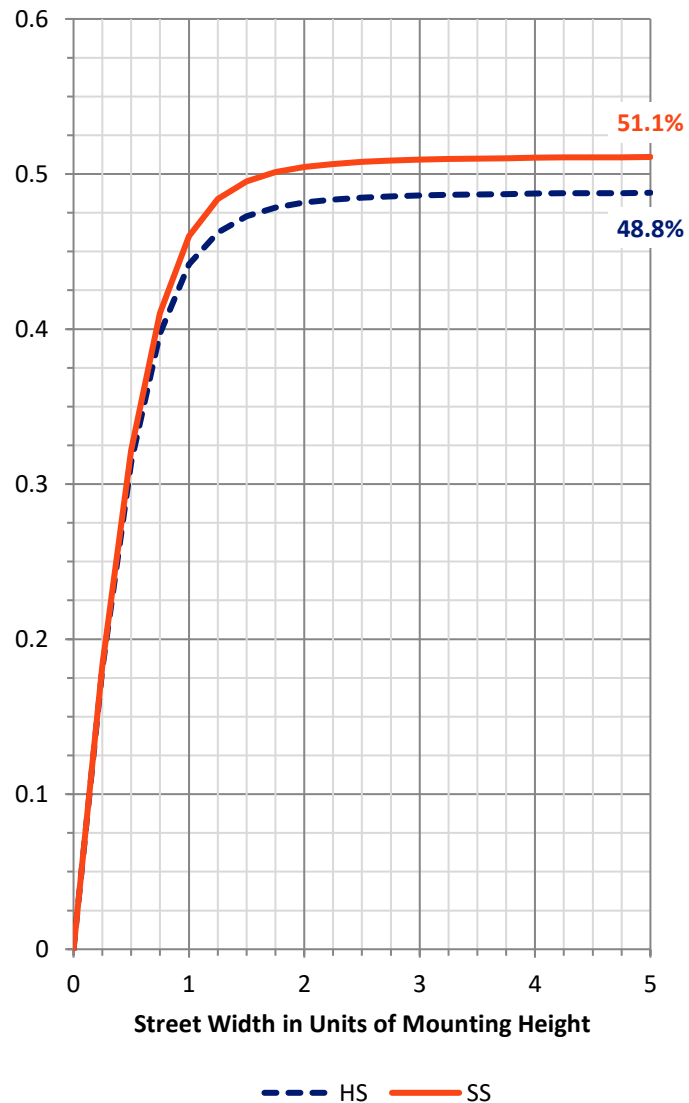
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6639.1   | 0.0    | 6639.1  |
|                    | % Fixture | 49.1     | 0.0    | 49.1    |
| <b>Street Side</b> | Lumens    | 6883.5   | 0.0    | 6883.5  |
|                    | % Fixture | 50.9     | 0.0    | 50.9    |
| <b>Total</b>       | Lumens    | 13522.6  | 0.0    | 13522.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 803.6   | 5.9       |
| 10°-20°   | 2228.7  | 16.5      |
| 20°-30°   | 3012.6  | 22.3      |
| 30°-40°   | 3207.2  | 23.7      |
| 40°-50°   | 2498.5  | 18.5      |
| 50°-60°   | 1150.1  | 8.5       |
| 60°-70°   | 461.4   | 3.4       |
| 70°-80°   | 143.4   | 1.1       |
| 80°-90°   | 17.1    | 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°    | 13522.6 | 100.0     |
| 0°-180°   | 13522.6 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P1440332

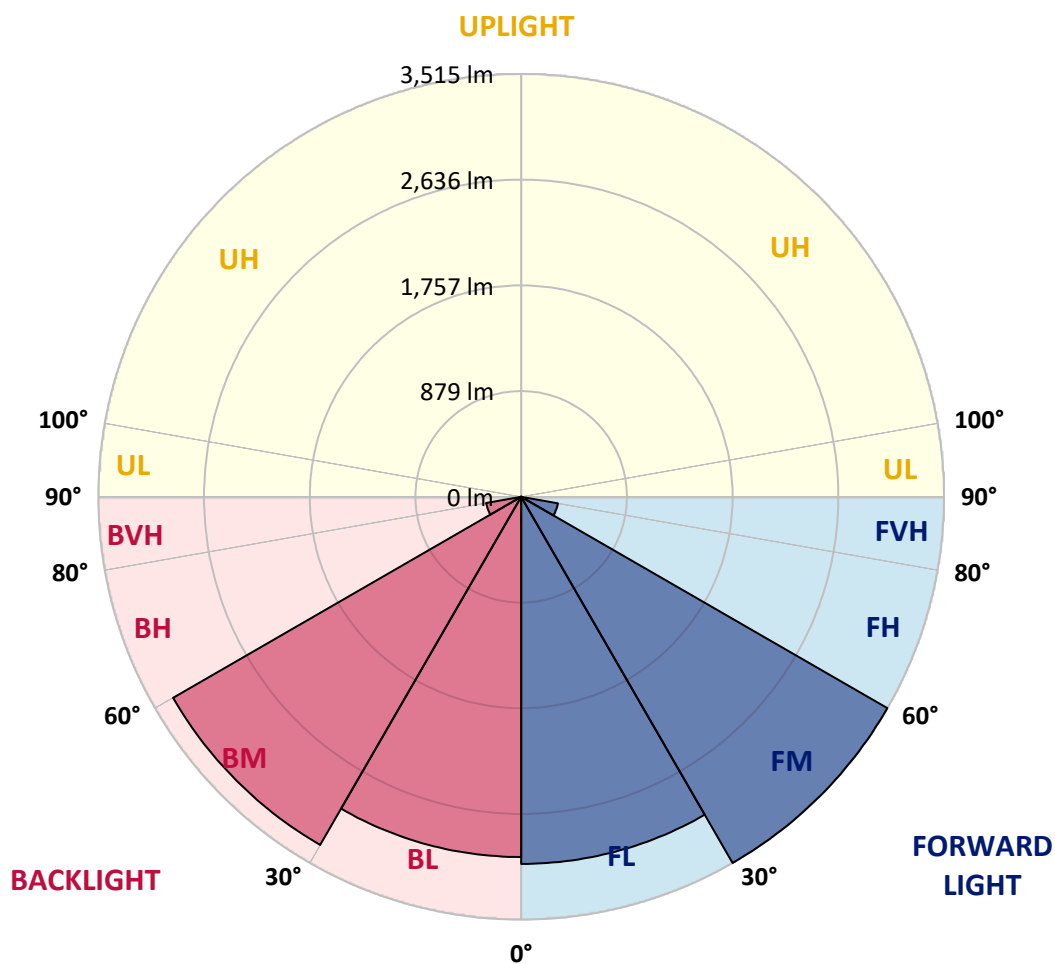
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 3051.3 | 22.6      |                         |      |        |
| FM   | (30°-60°)   | 3514.5 | 26.0      |                         |      |        |
| FH   | (60°-80°)   | 309.5  | 2.3       |                         |      | G0/660 |
| FVH  | (80°-90°)   | 8.2    | 0.1       |                         |      | G0/10  |
| BL   | (0°-30°)    | 2993.7 | 22.1      | B4/5000                 |      |        |
| BM   | (30°-60°)   | 3341.3 | 24.7      | B3/5000                 |      |        |
| BH   | (60°-80°)   | 295.3  | 2.2       | B1/500                  |      | G0/660 |
| BVH  | (80°-90°)   | 8.8    | 0.1       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B4-U0-G0**

Type V Short



REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (FULL):**

|     | 0°     | 15°    | 30°    | 45°    | 60°    | 75°    | 90°    | 105°   | 120°   | 135°   | 150°   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°  | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 |
| 1°  | 8525.4 | 8525.0 | 8523.9 | 8523.1 | 8518.1 | 8518.5 | 8519.7 | 8518.4 | 8520.7 | 8520.0 | 8522.3 |
| 2°  | 8523.5 | 8519.5 | 8514.7 | 8513.8 | 8511.7 | 8506.0 | 8504.4 | 8499.7 | 8503.2 | 8507.9 | 8510.3 |
| 3°  | 8518.1 | 8512.2 | 8505.9 | 8499.6 | 8493.0 | 8488.4 | 8480.3 | 8482.1 | 8484.6 | 8490.0 | 8494.3 |
| 4°  | 8505.6 | 8496.9 | 8488.0 | 8480.5 | 8471.5 | 8463.3 | 8458.3 | 8453.9 | 8459.3 | 8465.3 | 8469.3 |
| 5°  | 8489.3 | 8476.5 | 8468.1 | 8453.3 | 8442.1 | 8434.5 | 8427.5 | 8425.7 | 8427.6 | 8432.7 | 8441.8 |
| 6°  | 8467.4 | 8453.4 | 8435.5 | 8422.9 | 8410.4 | 8402.2 | 8396.5 | 8396.3 | 8394.4 | 8398.5 | 8412.5 |
| 7°  | 8439.1 | 8425.0 | 8407.8 | 8389.7 | 8375.5 | 8365.6 | 8364.6 | 8361.8 | 8361.5 | 8365.8 | 8379.4 |
| 8°  | 8416.1 | 8396.0 | 8374.0 | 8355.6 | 8336.1 | 8324.5 | 8322.9 | 8320.7 | 8323.6 | 8330.2 | 8344.0 |
| 9°  | 8386.8 | 8361.4 | 8337.7 | 8317.2 | 8292.5 | 8279.6 | 8271.0 | 8270.8 | 8273.7 | 8282.8 | 8303.2 |
| 10° | 8351.2 | 8324.1 | 8295.7 | 8269.3 | 8242.9 | 8225.2 | 8211.6 | 8212.7 | 8221.1 | 8230.7 | 8248.6 |
| 11° | 8310.0 | 8276.5 | 8243.3 | 8212.9 | 8186.9 | 8164.4 | 8146.4 | 8144.3 | 8154.6 | 8171.5 | 8191.5 |
| 12° | 8257.7 | 8221.9 | 8186.2 | 8149.4 | 8121.5 | 8092.5 | 8071.9 | 8065.6 | 8080.6 | 8100.1 | 8125.4 |
| 13° | 8199.2 | 8161.3 | 8122.0 | 8080.1 | 8042.5 | 8011.0 | 7985.0 | 7984.8 | 7997.0 | 8020.1 | 8046.8 |
| 14° | 8134.6 | 8090.3 | 8045.9 | 8001.3 | 7958.5 | 7918.6 | 7883.9 | 7881.7 | 7897.9 | 7928.0 | 7953.5 |
| 15° | 8058.3 | 8009.1 | 7960.6 | 7913.3 | 7862.0 | 7812.3 | 7771.3 | 7765.9 | 7787.2 | 7824.5 | 7849.3 |
| 16° | 7967.3 | 7912.0 | 7859.3 | 7812.7 | 7751.3 | 7696.7 | 7648.7 | 7644.4 | 7666.0 | 7703.9 | 7731.6 |
| 17° | 7862.5 | 7808.6 | 7746.8 | 7698.2 | 7626.3 | 7566.7 | 7515.9 | 7513.4 | 7533.7 | 7570.7 | 7604.2 |
| 18° | 7750.1 | 7689.9 | 7627.5 | 7566.6 | 7488.3 | 7430.3 | 7372.0 | 7370.7 | 7392.2 | 7427.5 | 7464.5 |
| 19° | 7626.6 | 7560.5 | 7499.9 | 7427.5 | 7345.4 | 7283.4 | 7224.8 | 7221.3 | 7239.1 | 7275.6 | 7318.7 |
| 20° | 7497.5 | 7430.7 | 7358.9 | 7272.7 | 7191.1 | 7127.8 | 7074.7 | 7065.2 | 7078.1 | 7111.3 | 7165.1 |
| 21° | 7366.0 | 7292.1 | 7216.9 | 7113.5 | 7027.3 | 6970.3 | 6924.2 | 6907.3 | 6904.2 | 6940.4 | 6993.5 |
| 22° | 7228.9 | 7143.9 | 7054.6 | 6942.1 | 6853.6 | 6811.3 | 6769.4 | 6744.6 | 6732.4 | 6766.5 | 6822.9 |
| 23° | 7081.5 | 6986.3 | 6883.7 | 6762.5 | 6677.8 | 6654.9 | 6624.6 | 6589.8 | 6556.6 | 6577.8 | 6642.1 |
| 24° | 6934.1 | 6834.8 | 6713.2 | 6582.8 | 6505.1 | 6506.1 | 6492.4 | 6444.4 | 6389.1 | 6391.7 | 6476.4 |
| 25° | 6796.6 | 6694.8 | 6550.6 | 6407.0 | 6337.2 | 6366.6 | 6372.0 | 6304.6 | 6222.5 | 6208.9 | 6313.9 |
| 26° | 6671.8 | 6562.4 | 6391.0 | 6232.2 | 6171.4 | 6233.4 | 6254.8 | 6175.4 | 6064.4 | 6040.3 | 6153.6 |
| 27° | 6554.0 | 6435.6 | 6237.5 | 6060.0 | 6015.0 | 6105.0 | 6138.7 | 6050.7 | 5913.8 | 5868.9 | 5995.8 |
| 28° | 6439.4 | 6308.9 | 6082.7 | 5893.4 | 5865.4 | 5979.5 | 6025.1 | 5929.0 | 5763.0 | 5704.4 | 5845.4 |
| 29° | 6336.3 | 6186.5 | 5938.5 | 5733.2 | 5715.4 | 5856.4 | 5913.8 | 5806.3 | 5617.8 | 5542.4 | 5695.3 |
| 30° | 6240.6 | 6070.2 | 5792.5 | 5573.4 | 5564.9 | 5734.5 | 5804.4 | 5685.2 | 5475.6 | 5384.4 | 5548.3 |
| 31° | 6140.7 | 5953.8 | 5648.6 | 5418.6 | 5422.0 | 5612.2 | 5689.6 | 5561.4 | 5342.4 | 5237.0 | 5407.5 |
| 32° | 6043.9 | 5842.9 | 5507.5 | 5271.3 | 5280.9 | 5491.6 | 5570.2 | 5436.0 | 5211.7 | 5090.0 | 5271.0 |
| 33° | 5954.1 | 5738.0 | 5368.0 | 5123.3 | 5143.6 | 5361.3 | 5446.5 | 5306.3 | 5079.1 | 4947.4 | 5136.4 |
| 34° | 5864.5 | 5635.8 | 5235.2 | 4977.0 | 5000.4 | 5230.5 | 5314.8 | 5169.1 | 4943.4 | 4803.4 | 5001.3 |
| 35° | 5772.4 | 5534.1 | 5100.8 | 4825.3 | 4851.9 | 5088.2 | 5174.4 | 5021.2 | 4794.8 | 4656.1 | 4862.0 |
| 36° | 5679.4 | 5427.6 | 4967.2 | 4666.6 | 4706.5 | 4939.0 | 5018.4 | 4867.5 | 4631.0 | 4498.7 | 4714.3 |
| 37° | 5579.1 | 5310.4 | 4828.3 | 4510.9 | 4556.6 | 4786.1 | 4855.3 | 4706.9 | 4458.0 | 4322.5 | 4554.1 |
| 38° | 5466.4 | 5172.5 | 4688.0 | 4362.3 | 4402.4 | 4618.1 | 4684.2 | 4536.2 | 4271.8 | 4133.2 | 4378.3 |
| 39° | 5329.6 | 5017.1 | 4534.8 | 4202.5 | 4237.0 | 4440.5 | 4502.7 | 4350.2 | 4081.3 | 3939.8 | 4197.2 |
| 40° | 5160.9 | 4848.8 | 4358.5 | 4029.3 | 4058.4 | 4241.7 | 4310.6 | 4155.1 | 3886.3 | 3745.2 | 3999.5 |
| 41° | 4979.5 | 4663.8 | 4161.4 | 3842.8 | 3869.1 | 4031.3 | 4094.6 | 3958.1 | 3682.2 | 3546.5 | 3792.3 |
| 42° | 4765.0 | 4457.3 | 3950.6 | 3645.2 | 3664.6 | 3798.8 | 3861.3 | 3739.6 | 3462.9 | 3339.6 | 3575.1 |
| 43° | 4527.6 | 4232.7 | 3733.7 | 3437.1 | 3457.6 | 3554.4 | 3626.2 | 3527.4 | 3240.4 | 3121.9 | 3357.3 |
| 44° | 4279.4 | 3984.8 | 3514.2 | 3225.9 | 3244.1 | 3315.0 | 3396.1 | 3309.6 | 3027.5 | 2930.6 | 3153.9 |

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (continued):**

|     | 0°     | 15°    | 30°    | 45°    | 60°    | 75°    | 90°    | 105°   | 120°   | 135°   | 150°   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 45° | 3999.1 | 3731.1 | 3286.7 | 3013.7 | 3035.6 | 3090.8 | 3172.7 | 3105.5 | 2814.5 | 2739.1 | 2964.9 |
| 46° | 3712.7 | 3476.7 | 3059.3 | 2809.5 | 2833.3 | 2869.6 | 2930.3 | 2858.4 | 2600.1 | 2547.5 | 2775.9 |
| 47° | 3432.5 | 3230.6 | 2834.7 | 2609.7 | 2605.7 | 2618.6 | 2687.9 | 2610.7 | 2320.4 | 2347.5 | 2585.0 |
| 48° | 3165.7 | 2989.0 | 2597.6 | 2377.0 | 2363.2 | 2384.4 | 2445.6 | 2333.6 | 2044.7 | 2099.5 | 2328.7 |
| 49° | 2884.3 | 2722.9 | 2318.2 | 2121.1 | 2124.4 | 2158.1 | 2215.8 | 2054.4 | 1798.1 | 1850.6 | 2044.6 |
| 50° | 2621.4 | 2440.9 | 2035.9 | 1846.0 | 1900.8 | 1936.0 | 2021.1 | 1820.3 | 1536.0 | 1536.4 | 1790.3 |
| 51° | 2419.9 | 2146.6 | 1801.2 | 1618.2 | 1707.7 | 1770.7 | 1868.3 | 1661.8 | 1341.8 | 1290.1 | 1545.4 |
| 52° | 2186.0 | 1874.8 | 1617.1 | 1453.1 | 1538.6 | 1622.5 | 1731.2 | 1543.5 | 1204.7 | 1095.4 | 1379.9 |
| 53° | 1869.1 | 1705.3 | 1440.8 | 1358.6 | 1385.4 | 1466.0 | 1607.5 | 1451.0 | 1088.3 | 944.5  | 1283.0 |
| 54° | 1701.8 | 1576.5 | 1325.7 | 1264.7 | 1278.1 | 1334.7 | 1464.1 | 1380.6 | 992.8  | 799.5  | 1176.8 |
| 55° | 1552.7 | 1399.1 | 1211.6 | 1170.8 | 1170.9 | 1203.5 | 1341.4 | 1289.4 | 905.5  | 677.4  | 1051.6 |
| 56° | 1371.9 | 1267.7 | 1097.5 | 1064.2 | 1063.6 | 1072.3 | 1234.4 | 1199.2 | 824.5  | 577.7  | 920.6  |
| 57° | 1206.7 | 1137.8 | 993.0  | 975.4  | 1001.2 | 980.9  | 1124.3 | 1108.1 | 763.0  | 519.2  | 815.0  |
| 58° | 1041.7 | 1007.9 | 902.4  | 891.8  | 910.7  | 873.0  | 1017.4 | 1044.0 | 701.6  | 478.9  | 721.1  |
| 59° | 925.8  | 924.7  | 825.5  | 809.3  | 840.0  | 782.9  | 921.8  | 941.8  | 622.4  | 444.9  | 647.6  |
| 60° | 816.4  | 869.6  | 755.7  | 733.8  | 766.0  | 671.1  | 845.0  | 840.1  | 564.8  | 413.6  | 584.0  |
| 61° | 714.7  | 787.4  | 677.9  | 667.6  | 687.5  | 577.2  | 758.6  | 775.0  | 532.4  | 386.4  | 527.0  |
| 62° | 627.8  | 693.1  | 608.3  | 605.4  | 614.9  | 528.4  | 682.6  | 713.6  | 487.9  | 362.1  | 477.4  |
| 63° | 557.3  | 609.9  | 545.9  | 547.8  | 555.3  | 486.8  | 623.2  | 650.0  | 443.5  | 339.4  | 434.6  |
| 64° | 488.1  | 550.0  | 494.6  | 498.8  | 504.9  | 438.2  | 560.0  | 577.9  | 402.9  | 317.3  | 396.5  |
| 65° | 431.7  | 491.0  | 450.9  | 455.5  | 456.1  | 394.5  | 500.2  | 513.1  | 366.1  | 295.3  | 359.6  |
| 66° | 385.9  | 437.6  | 407.2  | 414.4  | 411.5  | 357.2  | 442.3  | 452.6  | 333.6  | 273.7  | 327.5  |
| 67° | 345.7  | 389.8  | 366.5  | 374.6  | 368.9  | 324.1  | 387.9  | 396.6  | 301.1  | 252.8  | 295.4  |
| 68° | 309.7  | 344.5  | 328.2  | 334.2  | 327.7  | 293.2  | 344.0  | 353.3  | 268.5  | 233.2  | 263.3  |
| 69° | 275.8  | 301.9  | 290.7  | 294.7  | 289.8  | 262.9  | 300.1  | 309.9  | 243.5  | 214.1  | 235.7  |
| 70° | 244.8  | 263.7  | 254.3  | 259.0  | 256.5  | 235.1  | 256.6  | 266.9  | 221.3  | 196.2  | 211.6  |
| 71° | 216.8  | 231.1  | 222.4  | 226.1  | 226.7  | 210.3  | 226.5  | 237.4  | 200.7  | 178.9  | 187.9  |
| 72° | 190.8  | 202.4  | 193.7  | 199.3  | 199.7  | 187.8  | 199.8  | 209.8  | 180.5  | 161.5  | 166.2  |
| 73° | 165.8  | 175.2  | 167.5  | 175.0  | 175.8  | 166.5  | 175.4  | 183.6  | 161.0  | 144.6  | 146.0  |
| 74° | 144.0  | 151.3  | 144.2  | 153.4  | 153.3  | 146.8  | 152.4  | 160.0  | 142.6  | 128.4  | 127.6  |
| 75° | 124.9  | 130.5  | 124.3  | 133.7  | 134.2  | 128.7  | 131.3  | 137.0  | 124.8  | 112.6  | 109.4  |
| 76° | 106.0  | 109.8  | 104.4  | 113.7  | 114.5  | 110.5  | 111.7  | 116.2  | 107.8  | 98.0   | 91.9   |
| 77° | 87.0   | 89.2   | 84.6   | 93.7   | 94.7   | 92.4   | 94.8   | 98.8   | 92.5   | 84.0   | 77.2   |
| 78° | 70.5   | 70.9   | 69.6   | 77.2   | 79.9   | 78.3   | 80.4   | 83.2   | 78.2   | 69.9   | 64.3   |
| 79° | 54.3   | 56.1   | 56.8   | 63.6   | 66.1   | 64.9   | 66.6   | 68.8   | 65.2   | 57.7   | 53.3   |
| 80° | 41.2   | 43.2   | 44.8   | 51.7   | 52.8   | 52.7   | 53.1   | 56.3   | 53.4   | 47.5   | 43.8   |
| 81° | 30.8   | 32.4   | 34.0   | 41.6   | 43.4   | 43.4   | 43.3   | 45.7   | 42.4   | 38.6   | 35.5   |
| 82° | 22.9   | 25.5   | 26.8   | 31.7   | 33.7   | 34.7   | 35.0   | 36.7   | 33.8   | 29.6   | 27.2   |
| 83° | 16.3   | 17.7   | 18.1   | 21.9   | 23.7   | 25.6   | 26.7   | 27.6   | 25.2   | 20.7   | 19.0   |
| 84° | 10.5   | 12.3   | 12.7   | 13.3   | 15.8   | 17.6   | 18.5   | 18.6   | 16.6   | 14.1   | 12.9   |
| 85° | 4.8    | 7.0    | 7.4    | 8.2    | 10.2   | 12.5   | 11.9   | 12.0   | 10.8   | 8.9    | 8.1    |
| 86° | 1.5    | 1.7    | 2.1    | 3.3    | 4.5    | 7.4    | 6.6    | 6.6    | 5.8    | 4.8    | 4.4    |
| 87° | 0.6    | 0.6    | 0.6    | 0.9    | 1.5    | 2.4    | 2.4    | 2.6    | 2.5    | 2.0    | 2.0    |
| 88° | 0.2    | 0.2    | 0.2    | 0.3    | 0.4    | 0.5    | 0.6    | 0.6    | 0.7    | 0.7    | 0.9    |
| 89° | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.2    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3    |

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**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: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332  
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (continued):**

|     | 165°   | 180°   | 195°   | 210°   | 225°   | 240°   | 255°   | 270°   | 285°   | 300°   | 315°   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°  | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 | 8527.5 |
| 1°  | 8523.9 | 8524.8 | 8527.3 | 8528.8 | 8528.3 | 8530.8 | 8528.3 | 8531.7 | 8535.2 | 8530.3 | 8530.3 |
| 2°  | 8516.9 | 8517.2 | 8519.8 | 8522.8 | 8526.4 | 8527.8 | 8528.9 | 8531.9 | 8529.4 | 8529.4 | 8528.5 |
| 3°  | 8500.4 | 8503.8 | 8509.3 | 8517.2 | 8522.5 | 8521.9 | 8528.3 | 8532.7 | 8525.8 | 8527.0 | 8525.4 |
| 4°  | 8476.5 | 8483.1 | 8489.7 | 8501.2 | 8508.7 | 8513.2 | 8519.1 | 8521.3 | 8522.9 | 8519.5 | 8522.9 |
| 5°  | 8449.9 | 8461.4 | 8473.6 | 8482.2 | 8492.4 | 8500.1 | 8508.1 | 8516.6 | 8513.2 | 8513.7 | 8516.2 |
| 6°  | 8423.9 | 8434.9 | 8447.9 | 8458.3 | 8473.0 | 8481.1 | 8489.0 | 8493.8 | 8495.3 | 8500.9 | 8503.2 |
| 7°  | 8394.0 | 8410.0 | 8424.8 | 8434.2 | 8446.7 | 8454.9 | 8463.1 | 8470.6 | 8473.9 | 8477.1 | 8480.3 |
| 8°  | 8361.1 | 8378.4 | 8393.2 | 8405.9 | 8420.5 | 8428.0 | 8435.1 | 8444.8 | 8449.6 | 8454.2 | 8450.8 |
| 9°  | 8318.3 | 8338.5 | 8357.0 | 8370.5 | 8386.8 | 8395.7 | 8402.5 | 8413.1 | 8421.0 | 8422.5 | 8418.9 |
| 10° | 8268.8 | 8289.7 | 8310.4 | 8327.6 | 8348.0 | 8357.3 | 8368.0 | 8380.6 | 8384.4 | 8389.9 | 8389.4 |
| 11° | 8211.0 | 8229.8 | 8250.3 | 8275.9 | 8301.2 | 8316.9 | 8328.3 | 8341.8 | 8349.9 | 8351.4 | 8355.1 |
| 12° | 8145.6 | 8161.9 | 8189.5 | 8215.5 | 8239.9 | 8266.3 | 8281.5 | 8289.8 | 8297.3 | 8306.6 | 8311.3 |
| 13° | 8064.6 | 8087.6 | 8115.7 | 8149.7 | 8176.0 | 8205.7 | 8216.7 | 8229.6 | 8240.4 | 8252.3 | 8259.4 |
| 14° | 7972.8 | 8001.6 | 8030.1 | 8070.7 | 8104.7 | 8127.6 | 8146.1 | 8161.2 | 8176.3 | 8193.5 | 8203.5 |
| 15° | 7869.1 | 7899.4 | 7933.0 | 7981.0 | 8023.6 | 8048.3 | 8061.5 | 8081.7 | 8099.4 | 8122.4 | 8136.2 |
| 16° | 7756.5 | 7786.0 | 7825.2 | 7876.7 | 7925.6 | 7949.3 | 7967.3 | 7989.5 | 8015.5 | 8043.9 | 8056.0 |
| 17° | 7631.3 | 7664.2 | 7707.4 | 7763.2 | 7814.3 | 7835.6 | 7859.4 | 7883.3 | 7915.2 | 7949.7 | 7970.3 |
| 18° | 7496.8 | 7537.2 | 7585.2 | 7640.3 | 7686.8 | 7711.4 | 7731.8 | 7761.9 | 7799.8 | 7848.0 | 7869.2 |
| 19° | 7356.1 | 7402.7 | 7453.8 | 7508.1 | 7547.5 | 7571.1 | 7591.2 | 7626.5 | 7671.1 | 7726.1 | 7752.8 |
| 20° | 7203.2 | 7251.7 | 7308.7 | 7364.9 | 7393.7 | 7415.2 | 7439.0 | 7478.2 | 7531.2 | 7591.1 | 7627.2 |
| 21° | 7040.7 | 7092.2 | 7148.9 | 7209.6 | 7233.8 | 7247.0 | 7270.4 | 7322.3 | 7378.4 | 7441.3 | 7486.4 |
| 22° | 6887.6 | 6951.7 | 7001.3 | 7042.3 | 7057.0 | 7062.8 | 7100.0 | 7154.6 | 7210.9 | 7279.6 | 7333.7 |
| 23° | 6738.1 | 6823.8 | 6869.3 | 6881.5 | 6873.0 | 6871.3 | 6917.8 | 6985.3 | 7044.5 | 7105.9 | 7166.7 |
| 24° | 6599.7 | 6705.2 | 6746.2 | 6728.9 | 6679.8 | 6672.8 | 6734.2 | 6817.2 | 6876.2 | 6924.8 | 6984.3 |
| 25° | 6479.8 | 6600.7 | 6628.0 | 6574.4 | 6488.6 | 6477.6 | 6549.1 | 6644.0 | 6711.9 | 6741.2 | 6799.7 |
| 26° | 6359.8 | 6499.4 | 6518.3 | 6422.5 | 6298.6 | 6290.1 | 6372.6 | 6486.6 | 6549.6 | 6560.9 | 6616.8 |
| 27° | 6240.7 | 6405.1 | 6407.7 | 6275.0 | 6115.0 | 6105.0 | 6208.3 | 6331.2 | 6391.3 | 6383.6 | 6429.0 |
| 28° | 6120.9 | 6312.3 | 6299.8 | 6127.9 | 5943.3 | 5929.5 | 6051.7 | 6192.0 | 6239.6 | 6208.9 | 6238.2 |
| 29° | 6007.1 | 6218.7 | 6191.4 | 5982.0 | 5774.8 | 5757.7 | 5898.4 | 6052.6 | 6086.7 | 6040.6 | 6057.5 |
| 30° | 5900.3 | 6125.0 | 6084.6 | 5832.8 | 5606.7 | 5592.7 | 5755.2 | 5915.0 | 5943.2 | 5874.0 | 5873.9 |
| 31° | 5791.5 | 6031.0 | 5978.7 | 5686.2 | 5443.7 | 5433.5 | 5615.1 | 5785.2 | 5806.5 | 5710.1 | 5699.0 |
| 32° | 5685.6 | 5937.8 | 5876.8 | 5541.2 | 5286.0 | 5282.5 | 5477.7 | 5656.2 | 5671.4 | 5547.0 | 5527.6 |
| 33° | 5578.1 | 5846.0 | 5769.8 | 5400.1 | 5134.3 | 5141.4 | 5341.4 | 5533.3 | 5534.6 | 5384.7 | 5364.3 |
| 34° | 5467.5 | 5758.2 | 5657.7 | 5262.8 | 4985.0 | 5002.1 | 5209.4 | 5408.3 | 5406.1 | 5225.5 | 5200.2 |
| 35° | 5352.2 | 5669.6 | 5543.0 | 5121.8 | 4836.8 | 4860.6 | 5071.6 | 5279.0 | 5274.3 | 5065.3 | 5038.1 |
| 36° | 5230.8 | 5569.6 | 5418.8 | 4971.7 | 4686.4 | 4718.3 | 4930.2 | 5148.4 | 5136.5 | 4907.4 | 4878.5 |
| 37° | 5095.8 | 5449.2 | 5282.0 | 4822.1 | 4531.7 | 4568.8 | 4791.1 | 5015.4 | 4991.6 | 4750.9 | 4721.0 |
| 38° | 4939.1 | 5305.8 | 5130.3 | 4659.4 | 4370.1 | 4410.3 | 4648.4 | 4874.7 | 4837.9 | 4588.6 | 4564.2 |
| 39° | 4762.2 | 5143.4 | 4957.9 | 4482.0 | 4200.6 | 4240.2 | 4495.3 | 4726.2 | 4677.4 | 4420.9 | 4399.6 |
| 40° | 4563.6 | 4956.8 | 4762.8 | 4289.6 | 4014.8 | 4058.4 | 4325.1 | 4557.7 | 4504.3 | 4248.9 | 4233.6 |
| 41° | 4350.4 | 4751.3 | 4540.6 | 4084.4 | 3819.8 | 3867.8 | 4138.8 | 4364.2 | 4308.2 | 4063.6 | 4055.5 |
| 42° | 4119.4 | 4523.8 | 4294.9 | 3858.0 | 3615.5 | 3667.8 | 3937.0 | 4151.8 | 4091.8 | 3868.7 | 3862.5 |
| 43° | 3882.0 | 4279.0 | 4038.6 | 3616.5 | 3400.4 | 3461.4 | 3720.1 | 3917.9 | 3851.6 | 3664.0 | 3650.7 |
| 44° | 3655.3 | 4041.2 | 3785.3 | 3371.4 | 3170.5 | 3242.2 | 3499.0 | 3675.0 | 3591.7 | 3442.8 | 3435.3 |

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (continued):**

|     | 165°   | 180°   | 195°   | 210°   | 225°   | 240°   | 255°   | 270°   | 285°   | 300°   | 315°   |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 45° | 3428.7 | 3805.1 | 3530.9 | 3130.3 | 2959.3 | 3017.5 | 3268.8 | 3430.9 | 3324.3 | 3212.8 | 3217.5 |
| 46° | 3216.2 | 3580.4 | 3297.7 | 2910.1 | 2748.0 | 2792.9 | 3048.0 | 3192.4 | 3050.4 | 2975.6 | 3002.1 |
| 47° | 2967.4 | 3315.3 | 3037.3 | 2690.1 | 2536.8 | 2568.3 | 2827.2 | 2976.4 | 2812.2 | 2745.8 | 2794.4 |
| 48° | 2718.5 | 3095.9 | 2776.9 | 2468.0 | 2310.5 | 2323.6 | 2605.6 | 2737.3 | 2564.7 | 2532.0 | 2592.9 |
| 49° | 2469.9 | 2876.7 | 2517.9 | 2171.3 | 2012.8 | 2025.9 | 2330.5 | 2495.9 | 2310.8 | 2302.9 | 2348.7 |
| 50° | 2258.2 | 2657.4 | 2311.0 | 1917.1 | 1699.4 | 1760.8 | 2042.1 | 2239.6 | 2076.4 | 2061.3 | 2072.0 |
| 51° | 2065.6 | 2444.3 | 2166.2 | 1708.4 | 1417.1 | 1535.3 | 1789.3 | 2007.0 | 1886.4 | 1817.4 | 1791.7 |
| 52° | 1917.5 | 2228.9 | 1993.0 | 1485.3 | 1163.7 | 1297.9 | 1596.8 | 1828.8 | 1724.3 | 1602.2 | 1559.8 |
| 53° | 1835.4 | 2113.1 | 1907.5 | 1381.6 | 1024.7 | 1147.6 | 1478.3 | 1703.7 | 1571.5 | 1432.9 | 1401.6 |
| 54° | 1726.2 | 2001.4 | 1812.1 | 1263.0 | 881.8  | 1042.4 | 1397.7 | 1552.1 | 1419.9 | 1325.9 | 1297.4 |
| 55° | 1611.0 | 1855.8 | 1653.5 | 1130.0 | 741.2  | 949.6  | 1336.3 | 1414.4 | 1289.0 | 1218.9 | 1194.5 |
| 56° | 1443.5 | 1688.7 | 1482.5 | 1005.4 | 627.5  | 873.5  | 1266.8 | 1300.1 | 1158.7 | 1111.9 | 1091.7 |
| 57° | 1285.8 | 1509.3 | 1329.4 | 886.8  | 555.4  | 815.4  | 1173.1 | 1186.0 | 1028.3 | 1038.6 | 999.5  |
| 58° | 1173.5 | 1359.3 | 1192.8 | 782.4  | 511.2  | 762.5  | 1082.8 | 1072.0 | 897.3  | 933.4  | 920.1  |
| 59° | 1052.3 | 1238.9 | 1068.8 | 703.2  | 472.7  | 685.0  | 1025.8 | 983.5  | 832.3  | 844.4  | 845.6  |
| 60° | 921.9  | 1106.6 | 943.4  | 648.2  | 439.9  | 607.1  | 929.3  | 894.0  | 740.9  | 793.4  | 776.1  |
| 61° | 817.6  | 971.0  | 831.1  | 575.9  | 410.4  | 549.5  | 823.7  | 796.3  | 634.4  | 720.6  | 709.1  |
| 62° | 727.5  | 851.5  | 725.0  | 507.0  | 383.8  | 508.0  | 745.4  | 726.2  | 561.4  | 646.8  | 647.2  |
| 63° | 641.9  | 743.4  | 640.6  | 451.7  | 359.4  | 465.0  | 685.6  | 666.3  | 498.9  | 574.3  | 590.3  |
| 64° | 580.1  | 652.7  | 568.5  | 406.4  | 336.5  | 426.0  | 615.3  | 600.3  | 445.4  | 516.7  | 534.4  |
| 65° | 519.4  | 570.9  | 507.4  | 366.6  | 313.6  | 387.6  | 549.0  | 537.3  | 404.0  | 469.5  | 483.1  |
| 66° | 461.6  | 503.2  | 450.1  | 334.4  | 290.7  | 354.6  | 489.2  | 478.5  | 367.0  | 425.5  | 437.8  |
| 67° | 409.1  | 439.4  | 401.2  | 302.3  | 269.2  | 321.7  | 433.0  | 424.3  | 334.9  | 383.4  | 395.4  |
| 68° | 361.2  | 380.9  | 356.7  | 270.3  | 247.6  | 288.8  | 382.6  | 373.3  | 304.0  | 343.3  | 352.9  |
| 69° | 313.2  | 330.7  | 312.1  | 243.0  | 228.3  | 262.8  | 342.0  | 327.1  | 274.7  | 305.2  | 310.7  |
| 70° | 265.4  | 280.9  | 267.7  | 217.6  | 209.8  | 237.7  | 301.4  | 284.9  | 247.0  | 269.7  | 271.3  |
| 71° | 227.9  | 243.5  | 232.5  | 193.4  | 191.8  | 214.1  | 260.8  | 249.3  | 220.2  | 236.4  | 236.8  |
| 72° | 195.1  | 209.4  | 201.7  | 171.9  | 173.7  | 193.0  | 230.7  | 219.0  | 196.9  | 207.9  | 207.4  |
| 73° | 167.0  | 177.8  | 173.8  | 151.9  | 155.7  | 173.4  | 203.7  | 191.4  | 175.3  | 182.9  | 182.2  |
| 74° | 140.6  | 149.8  | 148.0  | 133.3  | 138.5  | 154.3  | 177.9  | 166.8  | 155.4  | 160.4  | 159.4  |
| 75° | 117.9  | 125.6  | 124.1  | 115.4  | 121.7  | 135.8  | 153.6  | 144.2  | 135.4  | 139.4  | 138.3  |
| 76° | 98.7   | 104.6  | 103.9  | 97.8   | 106.4  | 118.1  | 129.8  | 125.3  | 117.8  | 121.5  | 119.4  |
| 77° | 82.3   | 87.1   | 86.9   | 82.3   | 91.4   | 101.0  | 109.6  | 106.4  | 100.2  | 103.6  | 100.5  |
| 78° | 67.8   | 72.1   | 71.9   | 69.2   | 76.9   | 85.2   | 92.4   | 87.5   | 84.6   | 85.7   | 81.6   |
| 79° | 55.3   | 58.6   | 58.6   | 57.8   | 64.0   | 72.0   | 77.5   | 73.7   | 71.8   | 72.1   | 68.0   |
| 80° | 44.5   | 46.9   | 47.3   | 47.4   | 52.9   | 59.8   | 64.0   | 59.3   | 59.1   | 58.8   | 55.9   |
| 81° | 36.2   | 38.4   | 38.5   | 38.8   | 42.9   | 48.2   | 52.1   | 47.2   | 47.1   | 47.0   | 44.9   |
| 82° | 28.0   | 30.0   | 29.8   | 30.3   | 34.5   | 38.8   | 41.5   | 38.1   | 38.0   | 37.1   | 34.4   |
| 83° | 19.8   | 21.5   | 21.1   | 21.8   | 26.0   | 29.4   | 32.6   | 29.7   | 28.6   | 27.5   | 24.4   |
| 84° | 13.4   | 14.7   | 14.6   | 15.1   | 17.7   | 20.0   | 23.6   | 21.8   | 20.6   | 19.0   | 15.6   |
| 85° | 8.5    | 9.2    | 9.2    | 9.6    | 11.5   | 13.6   | 14.8   | 14.6   | 13.4   | 13.6   | 10.0   |
| 86° | 4.2    | 4.7    | 4.9    | 5.4    | 6.3    | 8.3    | 8.9    | 9.5    | 9.0    | 8.2    | 4.5    |
| 87° | 1.9    | 2.0    | 2.1    | 2.4    | 2.8    | 4.1    | 4.7    | 4.5    | 4.5    | 2.8    | 1.4    |
| 88° | 1.0    | 1.0    | 1.0    | 1.0    | 1.1    | 1.3    | 1.4    | 1.2    | 1.3    | 0.8    | 0.4    |
| 89° | 0.3    | 0.3    | 0.4    | 0.5    | 0.5    | 0.5    | 0.4    | 0.3    | 0.3    | 0.2    | 0.1    |

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332  
CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (continued):**

|     | 330°   | 345°   | 360°   |
|-----|--------|--------|--------|
| 0°  | 8527.5 | 8527.5 | 8527.5 |
| 1°  | 8528.9 | 8527.9 | 8525.4 |
| 2°  | 8527.5 | 8526.9 | 8523.5 |
| 3°  | 8527.3 | 8523.9 | 8518.1 |
| 4°  | 8521.6 | 8515.7 | 8505.6 |
| 5°  | 8508.7 | 8501.5 | 8489.3 |
| 6°  | 8492.8 | 8482.8 | 8467.4 |
| 7°  | 8468.0 | 8456.8 | 8439.1 |
| 8°  | 8441.3 | 8432.2 | 8416.1 |
| 9°  | 8416.9 | 8402.8 | 8386.8 |
| 10° | 8384.4 | 8377.4 | 8351.2 |
| 11° | 8348.3 | 8335.5 | 8310.0 |
| 12° | 8304.7 | 8287.1 | 8257.7 |
| 13° | 8253.4 | 8234.0 | 8199.2 |
| 14° | 8192.5 | 8171.9 | 8134.6 |
| 15° | 8126.8 | 8102.7 | 8058.3 |
| 16° | 8047.1 | 8017.4 | 7967.3 |
| 17° | 7956.9 | 7921.7 | 7862.5 |
| 18° | 7858.4 | 7811.5 | 7750.1 |
| 19° | 7746.6 | 7695.2 | 7626.6 |
| 20° | 7620.6 | 7567.6 | 7497.5 |
| 21° | 7485.8 | 7438.4 | 7366.0 |
| 22° | 7339.8 | 7297.8 | 7228.9 |
| 23° | 7179.2 | 7149.1 | 7081.5 |
| 24° | 7011.3 | 6995.9 | 6934.1 |
| 25° | 6845.2 | 6837.9 | 6796.6 |
| 26° | 6674.1 | 6696.4 | 6671.8 |
| 27° | 6508.5 | 6566.0 | 6554.0 |
| 28° | 6342.8 | 6437.8 | 6439.4 |
| 29° | 6188.9 | 6314.0 | 6336.3 |
| 30° | 6028.7 | 6192.0 | 6240.6 |
| 31° | 5873.3 | 6072.4 | 6140.7 |
| 32° | 5728.3 | 5960.4 | 6043.9 |
| 33° | 5583.4 | 5850.5 | 5954.1 |
| 34° | 5439.9 | 5743.9 | 5864.5 |
| 35° | 5290.3 | 5638.8 | 5772.4 |
| 36° | 5150.9 | 5540.2 | 5679.4 |
| 37° | 5014.9 | 5433.3 | 5579.1 |
| 38° | 4863.1 | 5316.9 | 5466.4 |
| 39° | 4696.1 | 5174.8 | 5329.6 |
| 40° | 4515.9 | 5000.7 | 5160.9 |
| 41° | 4322.3 | 4809.0 | 4979.5 |
| 42° | 4107.2 | 4604.0 | 4765.0 |
| 43° | 3891.7 | 4383.6 | 4527.6 |
| 44° | 3671.7 | 4148.7 | 4279.4 |

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (continued):**

|     | 330°   | 345°   | 360°   |
|-----|--------|--------|--------|
| 45° | 3441.9 | 3888.8 | 3999.1 |
| 46° | 3210.6 | 3624.5 | 3712.7 |
| 47° | 2977.3 | 3363.9 | 3432.5 |
| 48° | 2747.3 | 3108.4 | 3165.7 |
| 49° | 2508.5 | 2832.7 | 2884.3 |
| 50° | 2227.8 | 2549.0 | 2621.4 |
| 51° | 1932.5 | 2230.9 | 2419.9 |
| 52° | 1674.5 | 2001.7 | 2186.0 |
| 53° | 1522.6 | 1771.0 | 1869.1 |
| 54° | 1375.6 | 1583.0 | 1701.8 |
| 55° | 1276.6 | 1455.7 | 1552.7 |
| 56° | 1178.2 | 1325.4 | 1371.9 |
| 57° | 1079.7 | 1195.1 | 1206.7 |
| 58° | 981.3  | 1064.8 | 1041.7 |
| 59° | 891.4  | 963.8  | 925.8  |
| 60° | 806.4  | 851.5  | 816.4  |
| 61° | 734.7  | 751.8  | 714.7  |
| 62° | 663.6  | 676.6  | 627.8  |
| 63° | 592.4  | 606.1  | 557.3  |
| 64° | 529.7  | 540.7  | 488.1  |
| 65° | 474.5  | 482.0  | 431.7  |
| 66° | 417.3  | 429.8  | 385.9  |
| 67° | 363.3  | 385.8  | 345.7  |
| 68° | 319.4  | 344.0  | 309.7  |
| 69° | 280.6  | 305.6  | 275.8  |
| 70° | 248.6  | 269.0  | 244.8  |
| 71° | 218.5  | 237.3  | 216.8  |
| 72° | 192.2  | 209.1  | 190.8  |
| 73° | 168.3  | 180.9  | 165.8  |
| 74° | 145.6  | 155.4  | 144.0  |
| 75° | 126.4  | 134.6  | 124.9  |
| 76° | 107.2  | 113.9  | 106.0  |
| 77° | 88.0   | 93.2   | 87.0   |
| 78° | 73.0   | 75.5   | 70.5   |
| 79° | 60.5   | 59.5   | 54.3   |
| 80° | 48.3   | 46.2   | 41.2   |
| 81° | 36.8   | 34.5   | 30.8   |
| 82° | 27.6   | 25.2   | 22.9   |
| 83° | 19.7   | 18.5   | 16.3   |
| 84° | 14.1   | 12.9   | 10.5   |
| 85° | 8.5    | 7.4    | 4.8    |
| 86° | 2.8    | 1.9    | 1.5    |
| 87° | 0.8    | 0.6    | 0.6    |
| 88° | 0.3    | 0.2    | 0.2    |
| 89° | 0.1    | 0.1    | 0.1    |

REPORT NUMBER: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-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: P1440332

CATALOG NUMBER: XSF100-SFTR-6Hx6V-840-Position 2

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)