

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P628399

Luminaire Tested: **IFLD-M-SA4C-830-U-LAM**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P628399  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4C-830-U-LAM  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/  
Lambertian distribution lens  
Light Source: (64) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

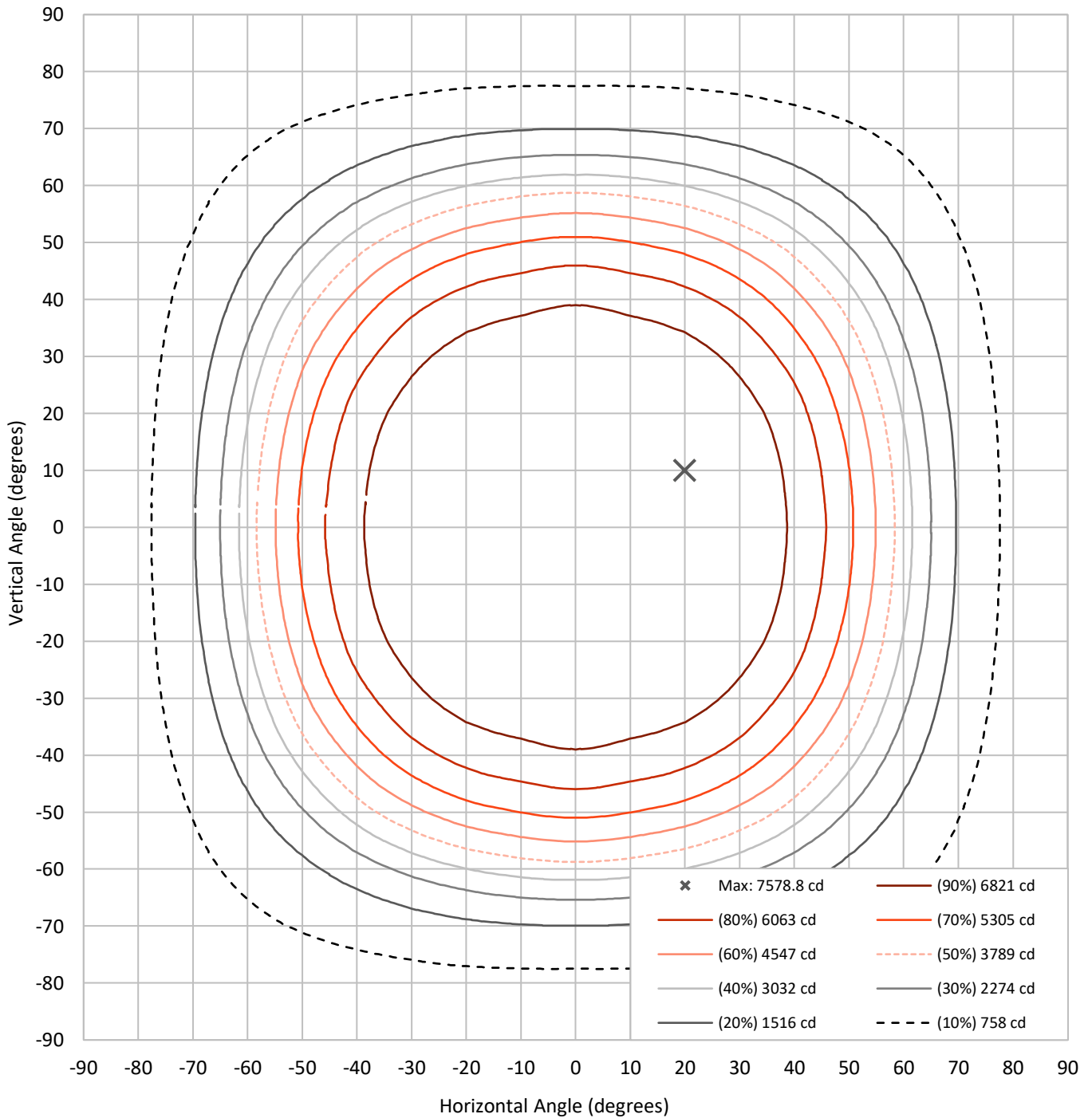
|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 7H x 7V         |
| Luminaire Lumens: | 23250.8 lumens                       | Max Intensity:       | 7578.8 candela  |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 20°H x 10°V     |
| Efficacy:         | 106.6 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 2' x L: 0.5' x H: 0') |                      |                 |
| Beam Angle (50%): | 115.7°H x 112.9°V                    | Field Angle (10%):   | 154.7°H x 154°V |
| Beam Lumens:      | 14267.2 lumens                       | Field Lumens:        | 17103.9 lumens  |
| Beam Efficiency:  | 61.4%                                | Field Efficiency:    | 73.6%           |

Input Watts (W): 218.1  
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: 25 FT



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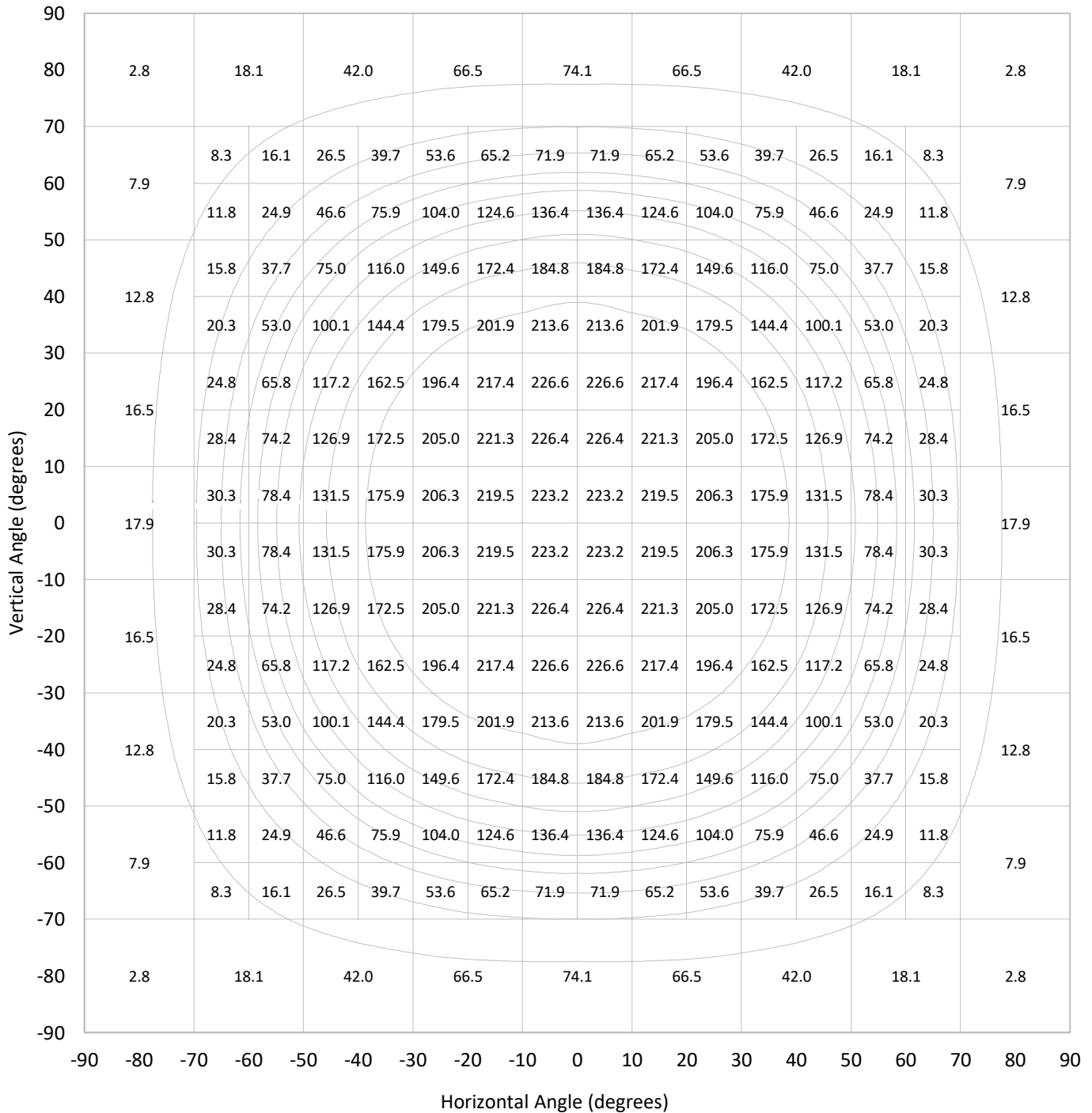
### Iso-Candela Plot





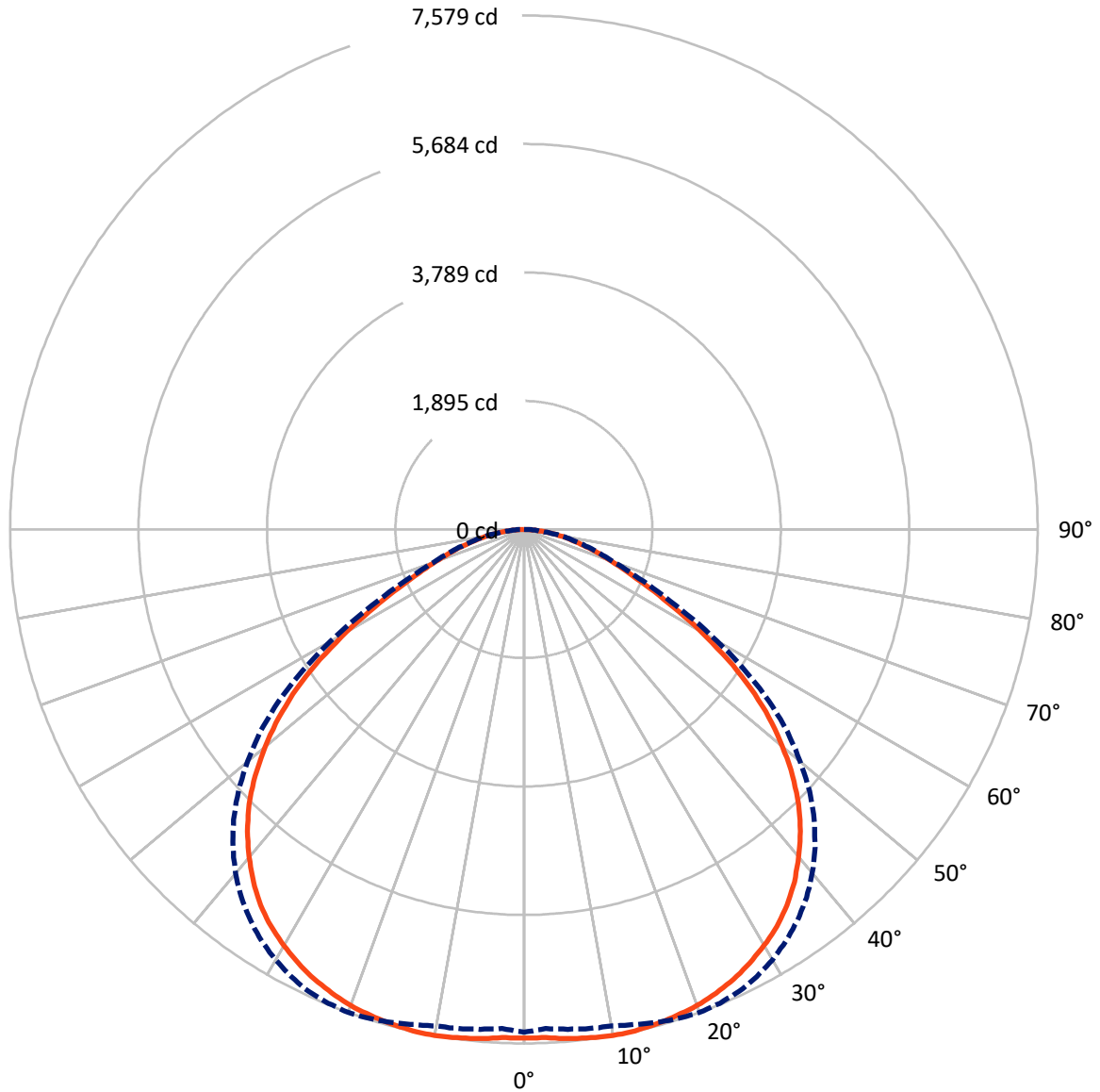
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### Lumen Table



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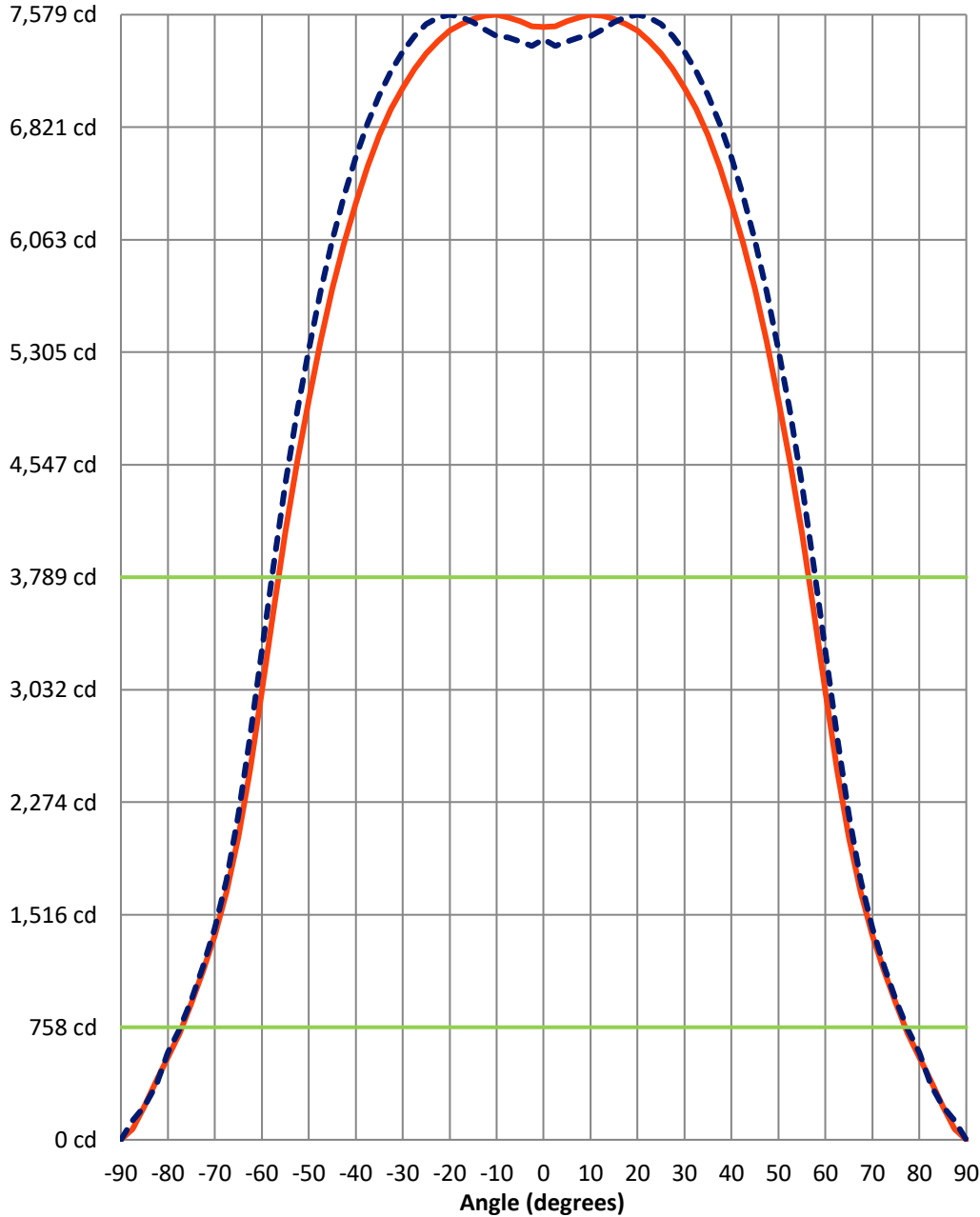
### Luminous Intensity Polar Plot



— Vertical Distribution Through 20-Deg      - - - Horizontal Distribution Through 10-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 115.7°  
 V Angle: 112.9°  
 Lumens: 14267.2  
 Efficiency: 61.4%

**Field:**  
 H Angle: 154.7°  
 V Angle: 154°  
 Lumens: 17103.9  
 Efficiency: 73.6%

**Spill:**  
 Lumens: 6146.9  
 Efficiency: 26.4%

- Vertical Distribution through 20-Deg
- - - Horizontal Distribution through 10-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 61.2   | 66.1   | 68.5   | 70.9   | 73.4   | 75.8   | 78.3   | 75.8   | 73.4   | 73.4   | 70.9   |
| 85°   | 163.9  | 168.8  | 171.2  | 188.4  | 205.5  | 215.3  | 227.5  | 225.1  | 225.1  | 222.6  | 220.2  |
| 82.5° | 327.8  | 342.5  | 354.7  | 371.8  | 381.6  | 396.3  | 406.1  | 398.8  | 393.9  | 384.1  | 376.7  |
| 80°   | 582.2  | 587.1  | 589.6  | 592.0  | 579.8  | 577.3  | 572.4  | 565.1  | 555.3  | 543.1  | 530.9  |
| 77.5° | 741.2  | 746.1  | 751.0  | 746.1  | 743.7  | 741.2  | 733.9  | 726.6  | 716.8  | 707.0  | 692.3  |
| 75°   | 981.0  | 981.0  | 981.0  | 973.7  | 968.8  | 961.4  | 949.2  | 937.0  | 919.8  | 900.3  | 878.2  |
| 72.5° | 1235.4 | 1233.0 | 1230.5 | 1215.8 | 1203.6 | 1188.9 | 1171.8 | 1157.1 | 1137.6 | 1115.5 | 1086.2 |
| 70°   | 1502.1 | 1507.0 | 1509.4 | 1489.8 | 1475.2 | 1455.6 | 1433.6 | 1406.7 | 1377.3 | 1345.5 | 1303.9 |
| 67.5° | 1869.0 | 1864.1 | 1859.2 | 1832.3 | 1812.8 | 1785.8 | 1754.0 | 1714.9 | 1670.9 | 1621.9 | 1563.2 |
| 65°   | 2324.0 | 2331.4 | 2316.7 | 2289.8 | 2253.1 | 2209.1 | 2160.1 | 2103.9 | 2037.8 | 1964.4 | 1881.3 |
| 62.5° | 2874.5 | 2886.7 | 2869.6 | 2835.3 | 2788.9 | 2730.1 | 2661.6 | 2580.9 | 2490.4 | 2387.7 | 2284.9 |
| 60°   | 3500.7 | 3498.3 | 3466.5 | 3420.0 | 3358.9 | 3285.5 | 3209.6 | 3121.6 | 3018.8 | 2898.9 | 2774.2 |
| 57.5° | 4075.6 | 4070.8 | 4031.6 | 3985.1 | 3924.0 | 3845.7 | 3765.0 | 3672.0 | 3564.4 | 3437.1 | 3292.8 |
| 55°   | 4591.8 | 4586.9 | 4547.8 | 4498.9 | 4435.3 | 4357.0 | 4283.6 | 4195.5 | 4090.3 | 3955.8 | 3801.7 |
| 52.5° | 5049.3 | 5051.7 | 5017.5 | 4963.7 | 4895.2 | 4819.3 | 4748.4 | 4660.3 | 4560.0 | 4425.5 | 4276.2 |
| 50°   | 5470.1 | 5467.6 | 5430.9 | 5382.0 | 5318.4 | 5245.0 | 5174.1 | 5086.0 | 4980.8 | 4851.1 | 4706.8 |
| 47.5° | 5861.5 | 5856.6 | 5815.0 | 5761.2 | 5695.1 | 5631.5 | 5565.5 | 5487.2 | 5377.1 | 5247.5 | 5103.1 |
| 45°   | 6189.3 | 6179.5 | 6137.9 | 6086.6 | 6022.9 | 5966.7 | 5908.0 | 5849.3 | 5731.8 | 5612.0 | 5475.0 |
| 42.5° | 6470.6 | 6468.2 | 6426.6 | 6375.2 | 6311.6 | 6262.7 | 6208.9 | 6135.5 | 6037.6 | 5927.5 | 5793.0 |
| 40°   | 6739.7 | 6720.2 | 6678.6 | 6629.6 | 6570.9 | 6529.3 | 6475.5 | 6402.1 | 6306.7 | 6199.1 | 6069.4 |
| 37.5° | 6940.3 | 6942.8 | 6898.7 | 6844.9 | 6793.6 | 6754.4 | 6705.5 | 6637.0 | 6553.8 | 6448.6 | 6319.0 |
| 35°   | 7131.2 | 7118.9 | 7082.2 | 7035.7 | 6989.3 | 6945.2 | 6893.9 | 6835.1 | 6766.6 | 6668.8 | 6546.5 |
| 32.5° | 7255.9 | 7273.0 | 7229.0 | 7180.1 | 7153.2 | 7118.9 | 7065.1 | 7003.9 | 6942.8 | 6844.9 | 6734.8 |
| 30°   | 7392.9 | 7378.2 | 7344.0 | 7302.4 | 7282.8 | 7260.8 | 7214.3 | 7155.6 | 7084.7 | 6996.6 | 6893.9 |
| 27.5° | 7488.3 | 7481.0 | 7439.4 | 7400.3 | 7390.5 | 7370.9 | 7334.2 | 7282.8 | 7211.9 | 7126.3 | 7030.9 |
| 25°   | 7529.9 | 7534.8 | 7495.7 | 7473.6 | 7473.6 | 7461.4 | 7432.1 | 7388.0 | 7317.1 | 7238.8 | 7145.8 |
| 22.5° | 7549.5 | 7544.6 | 7517.7 | 7512.8 | 7525.0 | 7515.2 | 7503.0 | 7463.9 | 7400.3 | 7336.6 | 7258.4 |
| 20°   | 7561.7 | 7527.5 | 7503.0 | 7522.6 | 7537.2 | 7534.8 | 7525.0 | 7500.6 | 7471.2 | 7417.4 | 7348.9 |
| 17.5° | 7534.8 | 7512.8 | 7483.4 | 7512.8 | 7544.6 | 7547.0 | 7537.2 | 7522.6 | 7515.2 | 7481.0 | 7419.8 |
| 15°   | 7468.8 | 7451.6 | 7456.5 | 7485.9 | 7522.6 | 7534.8 | 7542.1 | 7559.3 | 7549.5 | 7522.6 | 7468.8 |
| 12.5° | 7424.7 | 7402.7 | 7424.7 | 7454.1 | 7473.6 | 7481.0 | 7539.7 | 7571.5 | 7571.5 | 7547.0 | 7512.8 |
| 10°   | 7412.5 | 7368.5 | 7397.8 | 7424.7 | 7434.5 | 7478.5 | 7527.5 | 7561.7 | 7578.8 | 7559.3 | 7515.2 |
| 7.5°  | 7388.0 | 7358.7 | 7370.9 | 7383.1 | 7439.4 | 7471.2 | 7498.1 | 7534.8 | 7559.3 | 7556.8 | 7517.7 |
| 5°    | 7375.8 | 7339.1 | 7344.0 | 7395.4 | 7434.5 | 7456.5 | 7466.3 | 7498.1 | 7534.8 | 7542.1 | 7512.8 |
| 2.5°  | 7344.0 | 7326.9 | 7363.6 | 7368.5 | 7397.8 | 7414.9 | 7424.7 | 7454.1 | 7500.6 | 7517.7 | 7505.4 |
| 0°    | 7326.9 | 7302.4 | 7277.9 | 7297.5 | 7346.4 | 7383.1 | 7397.8 | 7441.8 | 7495.7 | 7512.8 | 7485.9 |



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**CANDELA DISTRIBUTION (continued):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 68.5   | 66.1   | 63.6   | 61.2   | 63.6   | 63.6   | 63.6   | 61.2   | 63.6   | 61.2   | 61.2   |
| 85°   | 212.8  | 203.0  | 195.7  | 185.9  | 176.1  | 168.8  | 159.0  | 149.2  | 146.8  | 144.3  | 139.4  |
| 82.5° | 367.0  | 354.7  | 342.5  | 327.8  | 313.1  | 296.0  | 278.9  | 259.3  | 254.4  | 249.5  | 242.2  |
| 80°   | 516.2  | 499.1  | 481.9  | 464.8  | 450.1  | 433.0  | 413.4  | 391.4  | 376.7  | 364.5  | 349.8  |
| 77.5° | 672.8  | 648.3  | 623.8  | 594.5  | 577.3  | 560.2  | 540.6  | 518.6  | 496.6  | 477.0  | 455.0  |
| 75°   | 851.3  | 824.4  | 800.0  | 770.6  | 738.8  | 707.0  | 675.2  | 645.8  | 614.0  | 584.7  | 555.3  |
| 72.5° | 1049.5 | 1010.3 | 971.2  | 934.5  | 895.4  | 856.2  | 814.6  | 775.5  | 736.4  | 697.2  | 655.6  |
| 70°   | 1257.4 | 1208.5 | 1159.6 | 1110.6 | 1059.3 | 1007.9 | 959.0  | 910.0  | 861.1  | 809.7  | 763.3  |
| 67.5° | 1502.1 | 1445.8 | 1382.2 | 1313.7 | 1237.9 | 1171.8 | 1108.2 | 1049.5 | 990.8  | 932.1  | 873.4  |
| 65°   | 1807.9 | 1729.6 | 1644.0 | 1551.0 | 1462.9 | 1374.9 | 1281.9 | 1193.8 | 1125.3 | 1056.8 | 990.8  |
| 62.5° | 2184.6 | 2074.5 | 1954.6 | 1834.8 | 1727.1 | 1612.2 | 1504.5 | 1389.5 | 1281.9 | 1184.0 | 1103.3 |
| 60°   | 2634.7 | 2485.5 | 2338.7 | 2184.6 | 2035.4 | 1878.8 | 1741.8 | 1599.9 | 1465.4 | 1345.5 | 1228.1 |
| 57.5° | 3131.3 | 2957.7 | 2781.5 | 2593.1 | 2390.1 | 2206.6 | 2020.7 | 1834.8 | 1675.8 | 1516.7 | 1384.6 |
| 55°   | 3635.3 | 3451.8 | 3253.7 | 3040.8 | 2818.2 | 2583.4 | 2331.4 | 2123.4 | 1905.7 | 1719.8 | 1548.5 |
| 52.5° | 4114.8 | 3924.0 | 3718.5 | 3522.8 | 3256.1 | 2987.0 | 2710.6 | 2436.6 | 2182.2 | 1944.9 | 1736.9 |
| 50°   | 4542.9 | 4357.0 | 4158.8 | 3931.3 | 3684.2 | 3398.0 | 3089.8 | 2781.5 | 2480.6 | 2201.7 | 1942.4 |
| 47.5° | 4934.3 | 4753.3 | 4555.1 | 4327.6 | 4102.6 | 3784.5 | 3473.8 | 3133.8 | 2798.6 | 2478.2 | 2174.8 |
| 45°   | 5301.3 | 5117.8 | 4912.3 | 4694.6 | 4435.3 | 4151.5 | 3831.0 | 3488.5 | 3128.9 | 2769.3 | 2419.5 |
| 42.5° | 5634.0 | 5450.5 | 5242.6 | 5017.5 | 4760.6 | 4479.3 | 4168.6 | 3823.7 | 3461.6 | 3070.2 | 2686.1 |
| 40°   | 5925.1 | 5746.5 | 5545.9 | 5311.1 | 5071.3 | 4775.3 | 4469.5 | 4141.7 | 3767.4 | 3373.5 | 2950.3 |
| 37.5° | 6179.5 | 6013.2 | 5815.0 | 5582.6 | 5328.2 | 5064.0 | 4748.4 | 4420.6 | 4083.0 | 3654.9 | 3221.9 |
| 35°   | 6404.6 | 6250.5 | 6047.4 | 5827.2 | 5577.7 | 5298.8 | 5002.8 | 4682.3 | 4317.8 | 3916.6 | 3495.9 |
| 32.5° | 6600.3 | 6443.7 | 6257.8 | 6037.6 | 5795.4 | 5533.7 | 5230.3 | 4907.4 | 4562.5 | 4153.9 | 3696.5 |
| 30°   | 6766.6 | 6615.0 | 6438.8 | 6230.9 | 5998.5 | 5739.2 | 5443.2 | 5117.8 | 4765.5 | 4359.4 | 3906.8 |
| 27.5° | 6911.0 | 6766.6 | 6595.4 | 6402.1 | 6179.5 | 5930.0 | 5631.5 | 5303.7 | 4944.1 | 4552.7 | 4100.1 |
| 25°   | 7035.7 | 6896.3 | 6737.3 | 6553.8 | 6333.6 | 6089.0 | 5807.7 | 5465.2 | 5105.6 | 4711.7 | 4264.0 |
| 22.5° | 7148.3 | 7013.7 | 6854.7 | 6676.1 | 6475.5 | 6230.9 | 5947.1 | 5607.1 | 5242.6 | 4853.6 | 4413.2 |
| 20°   | 7248.6 | 7123.8 | 6967.2 | 6783.8 | 6583.2 | 6336.1 | 6054.8 | 5731.8 | 5364.9 | 4983.2 | 4547.8 |
| 17.5° | 7329.3 | 7219.2 | 7062.7 | 6869.4 | 6668.8 | 6429.0 | 6155.1 | 5859.0 | 5470.1 | 5093.3 | 4660.3 |
| 15°   | 7385.6 | 7277.9 | 7136.0 | 6940.3 | 6744.6 | 6507.3 | 6233.3 | 5927.5 | 5565.5 | 5181.4 | 4753.3 |
| 12.5° | 7424.7 | 7309.7 | 7177.6 | 6996.6 | 6800.9 | 6566.0 | 6299.4 | 5998.5 | 5646.2 | 5259.7 | 4834.0 |
| 10°   | 7434.5 | 7329.3 | 7197.2 | 7035.7 | 6844.9 | 6617.4 | 6355.7 | 6057.2 | 5712.3 | 5320.8 | 4900.1 |
| 7.5°  | 7439.4 | 7339.1 | 7219.2 | 7065.1 | 6876.7 | 6656.6 | 6397.2 | 6103.7 | 5761.2 | 5372.2 | 4949.0 |
| 5°    | 7436.9 | 7341.5 | 7233.9 | 7084.7 | 6896.3 | 6678.6 | 6424.2 | 6135.5 | 5795.4 | 5406.5 | 4985.7 |
| 2.5°  | 7429.6 | 7344.0 | 7243.7 | 7099.4 | 6918.3 | 6703.0 | 6451.1 | 6172.2 | 5832.1 | 5435.8 | 5015.0 |
| 0°    | 7449.2 | 7375.8 | 7248.6 | 7094.5 | 6923.2 | 6703.0 | 6448.6 | 6177.1 | 5837.0 | 5433.4 | 5012.6 |





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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°   | 77.5° | 80°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |
| 87.5° | 61.2   | 58.7   | 58.7   | 56.3   | 53.8   | 51.4   | 46.5   | 44.0   | 39.1  | 31.8  | 24.5  |
| 85°   | 132.1  | 124.8  | 117.4  | 112.5  | 107.6  | 102.7  | 95.4   | 88.1   | 78.3  | 63.6  | 48.9  |
| 82.5° | 232.4  | 217.7  | 203.0  | 185.9  | 171.2  | 156.6  | 144.3  | 132.1  | 117.4 | 95.4  | 73.4  |
| 80°   | 332.7  | 310.7  | 288.7  | 264.2  | 242.2  | 217.7  | 195.7  | 176.1  | 156.6 | 127.2 | 97.9  |
| 77.5° | 433.0  | 403.7  | 371.8  | 342.5  | 310.7  | 278.9  | 247.1  | 220.2  | 190.8 | 156.6 | 122.3 |
| 75°   | 526.0  | 491.7  | 462.4  | 420.8  | 381.6  | 340.0  | 298.5  | 261.8  | 225.1 | 183.5 | 146.8 |
| 72.5° | 618.9  | 574.9  | 533.3  | 494.2  | 450.1  | 398.8  | 352.3  | 305.8  | 259.3 | 210.4 | 166.4 |
| 70°   | 711.9  | 658.1  | 606.7  | 560.2  | 511.3  | 459.9  | 403.7  | 349.8  | 293.6 | 234.9 | 183.5 |
| 67.5° | 807.3  | 746.1  | 687.4  | 628.7  | 572.4  | 513.7  | 455.0  | 393.9  | 327.8 | 259.3 | 203.0 |
| 65°   | 912.5  | 836.7  | 765.7  | 699.7  | 633.6  | 570.0  | 504.0  | 437.9  | 364.5 | 286.2 | 220.2 |
| 62.5° | 1017.7 | 934.5  | 851.3  | 768.2  | 694.8  | 623.8  | 552.9  | 479.5  | 398.8 | 315.6 | 237.3 |
| 60°   | 1130.2 | 1034.8 | 939.4  | 846.4  | 755.9  | 677.6  | 599.4  | 521.1  | 435.5 | 342.5 | 254.4 |
| 57.5° | 1255.0 | 1140.0 | 1032.4 | 927.2  | 824.4  | 731.5  | 645.8  | 562.7  | 467.3 | 369.4 | 274.0 |
| 55°   | 1396.9 | 1255.0 | 1127.8 | 1010.3 | 897.8  | 785.3  | 692.3  | 606.7  | 504.0 | 396.3 | 296.0 |
| 52.5° | 1546.1 | 1382.2 | 1228.1 | 1096.0 | 976.1  | 848.9  | 736.4  | 640.9  | 540.6 | 423.2 | 315.6 |
| 50°   | 1719.8 | 1511.9 | 1340.6 | 1179.1 | 1044.6 | 912.5  | 782.8  | 680.1  | 577.3 | 455.0 | 335.2 |
| 47.5° | 1898.4 | 1668.4 | 1453.1 | 1277.0 | 1118.0 | 973.7  | 836.7  | 714.3  | 611.6 | 484.4 | 354.7 |
| 45°   | 2106.3 | 1817.6 | 1580.4 | 1372.4 | 1188.9 | 1037.3 | 890.5  | 751.0  | 640.9 | 513.7 | 374.3 |
| 42.5° | 2306.9 | 1993.8 | 1712.5 | 1477.6 | 1269.7 | 1098.4 | 939.4  | 790.2  | 670.3 | 543.1 | 391.4 |
| 40°   | 2544.2 | 2169.9 | 1839.7 | 1577.9 | 1350.4 | 1157.1 | 988.3  | 831.8  | 697.2 | 570.0 | 408.5 |
| 37.5° | 2771.7 | 2348.5 | 1993.8 | 1688.0 | 1428.7 | 1215.8 | 1037.3 | 870.9  | 721.7 | 596.9 | 430.6 |
| 35°   | 2996.8 | 2546.7 | 2140.6 | 1790.7 | 1509.4 | 1281.9 | 1086.2 | 907.6  | 746.1 | 618.9 | 450.1 |
| 32.5° | 3212.1 | 2732.6 | 2289.8 | 1905.7 | 1597.5 | 1343.1 | 1130.2 | 941.9  | 770.6 | 638.5 | 469.7 |
| 30°   | 3412.7 | 2908.7 | 2436.6 | 2023.1 | 1678.2 | 1399.3 | 1171.8 | 976.1  | 800.0 | 655.6 | 489.3 |
| 27.5° | 3596.2 | 3080.0 | 2583.4 | 2133.2 | 1754.0 | 1450.7 | 1215.8 | 1007.9 | 824.4 | 672.8 | 506.4 |
| 25°   | 3762.5 | 3234.1 | 2717.9 | 2233.5 | 1822.5 | 1507.0 | 1257.4 | 1039.7 | 846.4 | 687.4 | 521.1 |
| 22.5° | 3919.1 | 3376.0 | 2840.2 | 2333.8 | 1905.7 | 1563.2 | 1296.6 | 1069.1 | 868.5 | 702.1 | 535.8 |
| 20°   | 4056.1 | 3505.6 | 2957.7 | 2434.1 | 1979.1 | 1614.6 | 1330.8 | 1096.0 | 888.0 | 711.9 | 550.4 |
| 17.5° | 4166.2 | 3620.6 | 3062.8 | 2522.2 | 2042.7 | 1658.6 | 1360.2 | 1120.4 | 905.2 | 724.1 | 560.2 |
| 15°   | 4264.0 | 3718.5 | 3150.9 | 2598.0 | 2099.0 | 1695.3 | 1387.1 | 1140.0 | 919.8 | 731.5 | 572.4 |
| 12.5° | 4347.2 | 3801.7 | 3226.8 | 2664.1 | 2147.9 | 1727.1 | 1409.1 | 1154.7 | 932.1 | 738.8 | 579.8 |
| 10°   | 4415.7 | 3867.7 | 3290.4 | 2715.5 | 2187.1 | 1751.6 | 1426.2 | 1169.4 | 941.9 | 746.1 | 587.1 |
| 7.5°  | 4467.1 | 3916.6 | 3336.8 | 2759.5 | 2218.9 | 1768.7 | 1440.9 | 1179.1 | 951.6 | 751.0 | 599.4 |
| 5°    | 4506.2 | 3958.2 | 3373.5 | 2788.9 | 2243.3 | 1793.2 | 1458.0 | 1191.4 | 961.4 | 755.9 | 599.4 |
| 2.5°  | 4535.6 | 3992.5 | 3402.9 | 2813.3 | 2262.9 | 1788.3 | 1458.0 | 1188.9 | 961.4 | 755.9 | 596.9 |
| 0°    | 4530.7 | 3994.9 | 3400.4 | 2813.3 | 2262.9 | 1783.4 | 1458.0 | 1186.5 | 961.4 | 755.9 | 596.9 |



REPORT NUMBER: P628399  
 CATALOG NUMBER: IFLD-M-SA4C-830-U-LAM

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 17.1  | 12.2  | 4.9   | 0.0 |
| 85°   | 36.7  | 24.5  | 12.2  | 0.0 |
| 82.5° | 53.8  | 34.2  | 17.1  | 0.0 |
| 80°   | 70.9  | 46.5  | 22.0  | 0.0 |
| 77.5° | 90.5  | 58.7  | 29.4  | 0.0 |
| 75°   | 107.6 | 68.5  | 34.2  | 0.0 |
| 72.5° | 124.8 | 80.7  | 39.1  | 0.0 |
| 70°   | 139.4 | 90.5  | 44.0  | 0.0 |
| 67.5° | 154.1 | 102.7 | 51.4  | 0.0 |
| 65°   | 166.4 | 112.5 | 56.3  | 0.0 |
| 62.5° | 176.1 | 124.8 | 61.2  | 0.0 |
| 60°   | 188.4 | 134.6 | 66.1  | 0.0 |
| 57.5° | 198.2 | 141.9 | 70.9  | 0.0 |
| 55°   | 207.9 | 146.8 | 75.8  | 0.0 |
| 52.5° | 217.7 | 154.1 | 80.7  | 0.0 |
| 50°   | 227.5 | 161.5 | 85.6  | 0.0 |
| 47.5° | 237.3 | 166.4 | 88.1  | 0.0 |
| 45°   | 252.0 | 173.7 | 93.0  | 0.0 |
| 42.5° | 264.2 | 178.6 | 97.9  | 0.0 |
| 40°   | 276.4 | 183.5 | 100.3 | 0.0 |
| 37.5° | 288.7 | 188.4 | 105.2 | 0.0 |
| 35°   | 300.9 | 193.3 | 107.6 | 0.0 |
| 32.5° | 310.7 | 198.2 | 110.1 | 0.0 |
| 30°   | 320.5 | 203.0 | 112.5 | 0.0 |
| 27.5° | 330.3 | 205.5 | 115.0 | 0.0 |
| 25°   | 337.6 | 210.4 | 117.4 | 0.0 |
| 22.5° | 344.9 | 212.8 | 119.9 | 0.0 |
| 20°   | 349.8 | 215.3 | 122.3 | 0.0 |
| 17.5° | 357.2 | 217.7 | 124.8 | 0.0 |
| 15°   | 359.6 | 220.2 | 129.7 | 0.0 |
| 12.5° | 364.5 | 222.6 | 129.7 | 0.0 |
| 10°   | 367.0 | 225.1 | 129.7 | 0.0 |
| 7.5°  | 371.8 | 225.1 | 129.7 | 0.0 |
| 5°    | 369.4 | 225.1 | 129.7 | 0.0 |
| 2.5°  | 369.4 | 225.1 | 129.7 | 0.0 |
| 0°    | 367.0 | 225.1 | 129.7 | 0.0 |

(END OF REPORT)