

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: P628370

Luminaire Tested: **IFLD-M-SA4C-827-U-LAM**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P628370  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4C-827-U-LAM  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/  
Lambertian distribution lens  
Light Source: (64) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

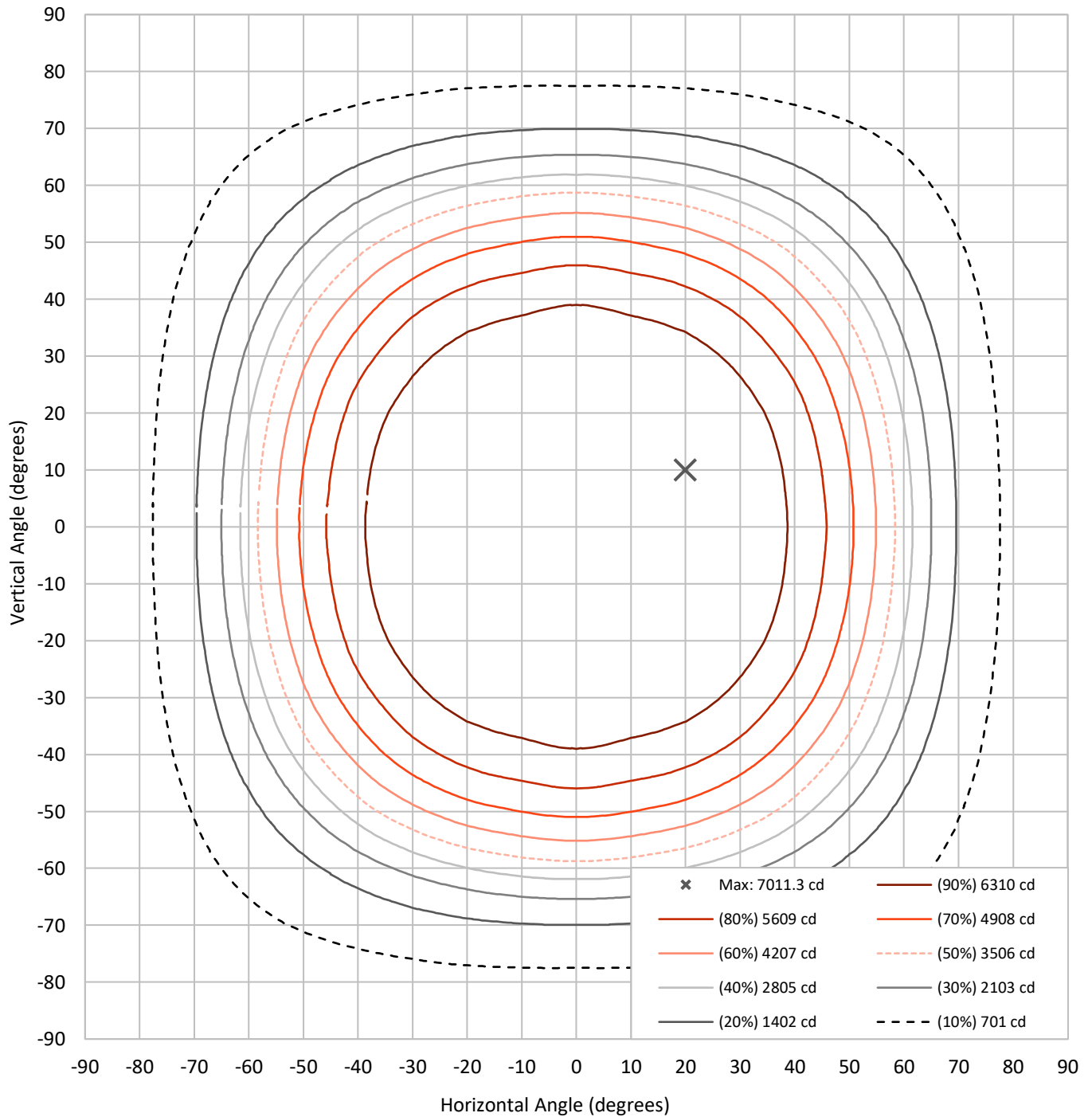
|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 7H x 7V         |
| Luminaire Lumens: | 21509.8 lumens                       | Max Intensity:       | 7011.3 candela  |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 20°H x 10°V     |
| Efficacy:         | 98.6 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:      | 13198.9 lumens                       | Field Lumens:        | 15823.2 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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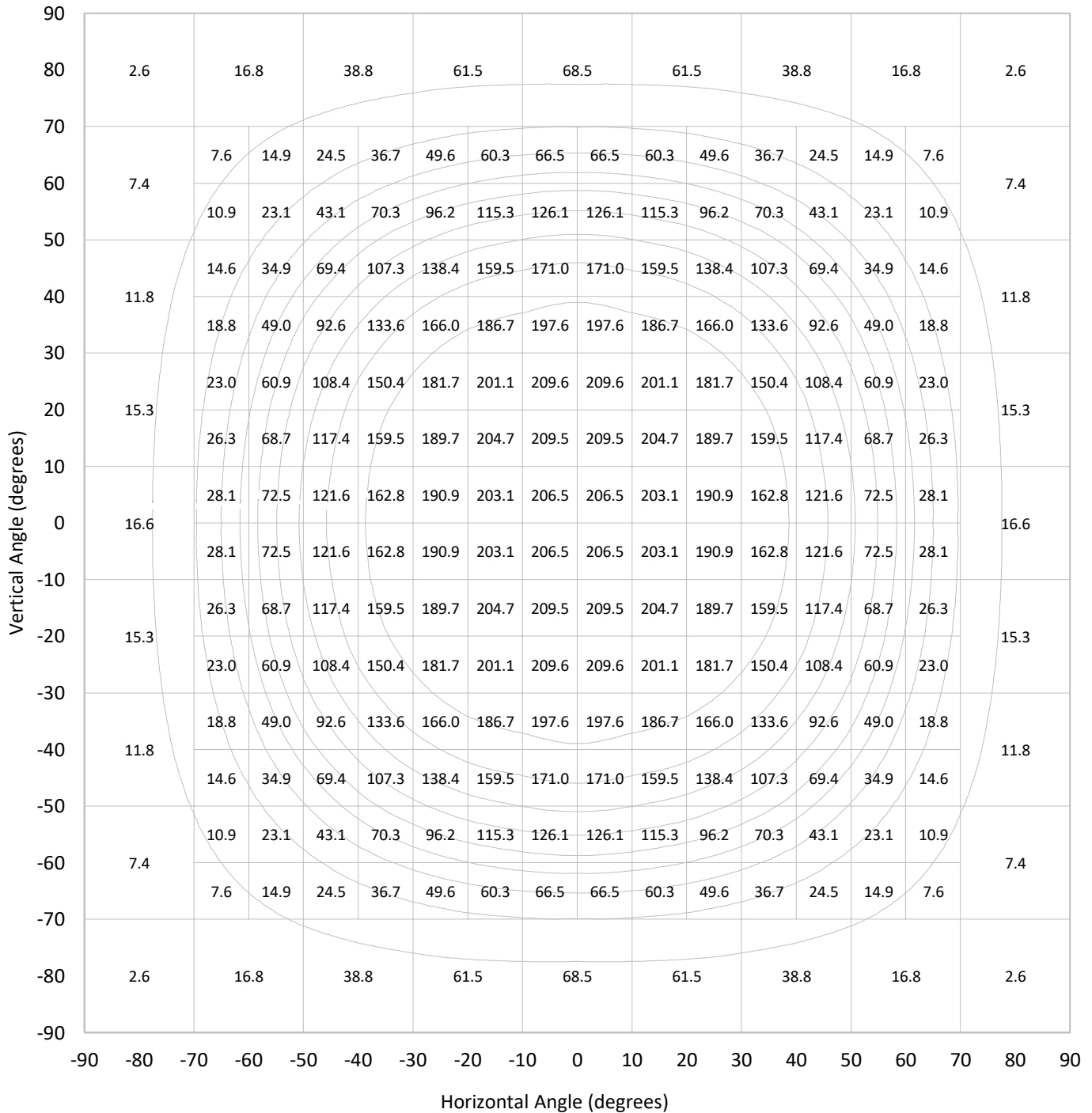
### Iso-Candela Plot





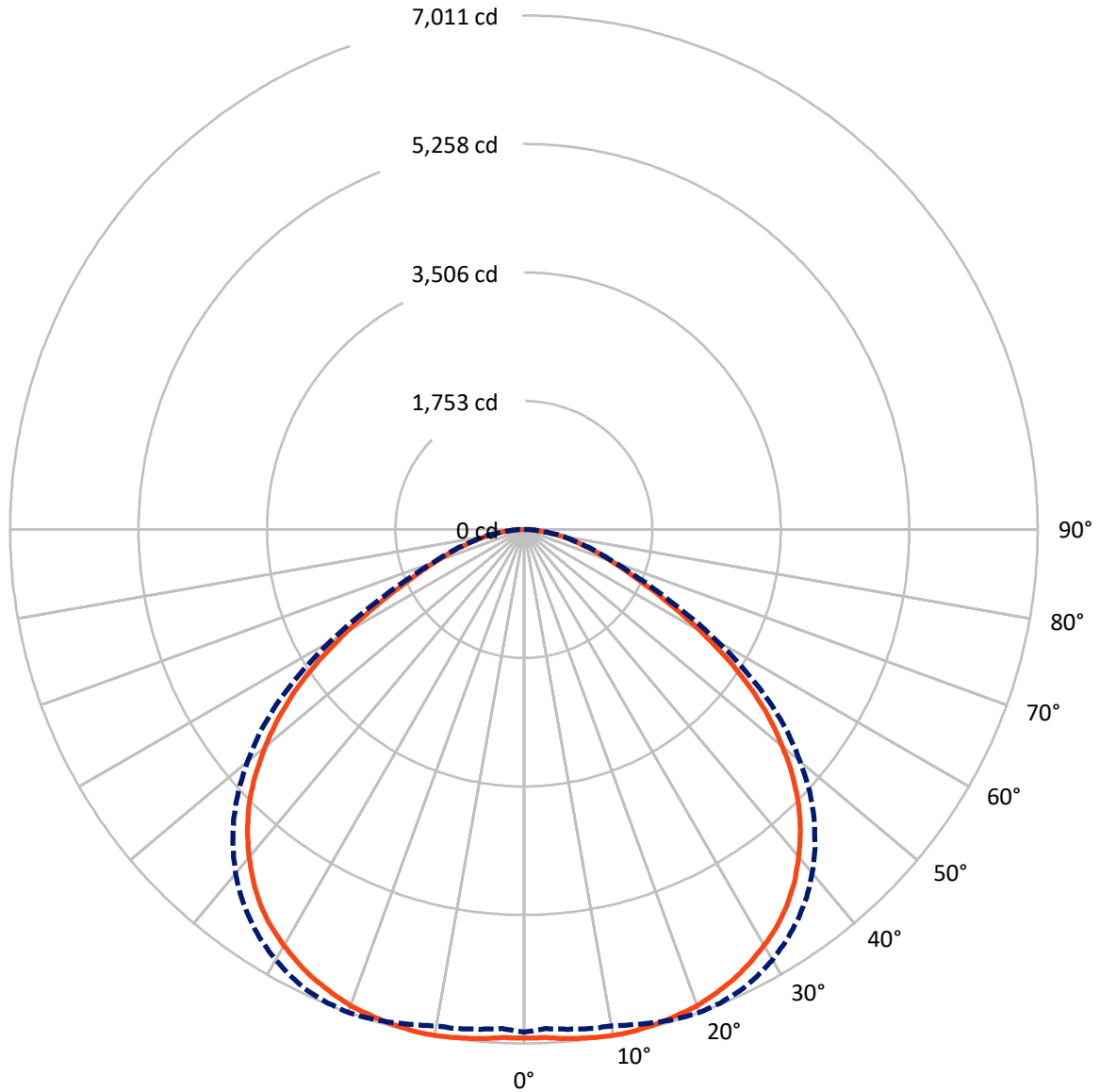
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### Lumen Table



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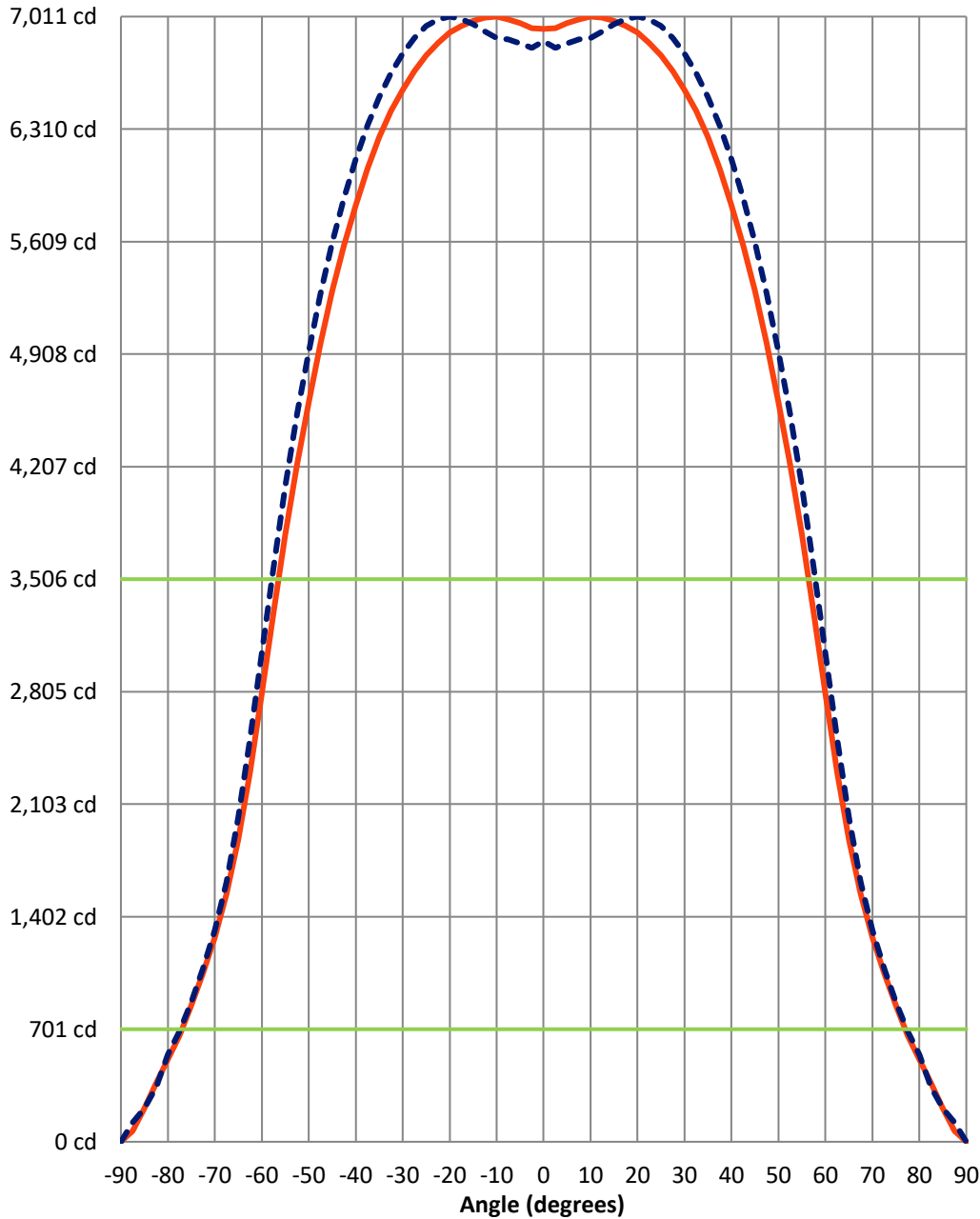
### Luminous Intensity Polar Plot



— 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: 13198.9  
Efficiency: 61.4%

**Field:**  
H Angle: 154.7°  
V Angle: 154°  
Lumens: 15823.2  
Efficiency: 73.6%

**Spill:**  
Lumens: 5686.6  
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° | 56.6   | 61.1   | 63.4   | 65.6   | 67.9   | 70.2   | 72.4   | 70.2   | 67.9   | 67.9   | 65.6   |
| 85°   | 151.6  | 156.2  | 158.4  | 174.3  | 190.1  | 199.2  | 210.5  | 208.2  | 208.2  | 205.9  | 203.7  |
| 82.5° | 303.3  | 316.8  | 328.2  | 344.0  | 353.1  | 366.6  | 375.7  | 368.9  | 364.4  | 355.3  | 348.5  |
| 80°   | 538.6  | 543.2  | 545.4  | 547.7  | 536.4  | 534.1  | 529.6  | 522.8  | 513.7  | 502.4  | 491.1  |
| 77.5° | 685.7  | 690.3  | 694.8  | 690.3  | 688.0  | 685.7  | 679.0  | 672.2  | 663.1  | 654.1  | 640.5  |
| 75°   | 907.5  | 907.5  | 907.5  | 900.7  | 896.2  | 889.4  | 878.1  | 866.8  | 851.0  | 832.9  | 812.5  |
| 72.5° | 1142.9 | 1140.6 | 1138.4 | 1124.8 | 1113.5 | 1099.9 | 1084.1 | 1070.5 | 1052.4 | 1032.0 | 1004.9 |
| 70°   | 1389.6 | 1394.1 | 1396.4 | 1378.3 | 1364.7 | 1346.6 | 1326.2 | 1301.3 | 1274.2 | 1244.7 | 1206.3 |
| 67.5° | 1729.1 | 1724.5 | 1720.0 | 1695.1 | 1677.0 | 1652.1 | 1622.7 | 1586.5 | 1545.8 | 1500.5 | 1446.2 |
| 65°   | 2150.0 | 2156.8 | 2143.2 | 2118.3 | 2084.4 | 2043.7 | 1998.4 | 1946.3 | 1885.2 | 1817.3 | 1740.4 |
| 62.5° | 2659.2 | 2670.6 | 2654.7 | 2623.0 | 2580.0 | 2525.7 | 2462.3 | 2387.7 | 2303.9 | 2208.9 | 2113.8 |
| 60°   | 3238.6 | 3236.3 | 3206.9 | 3163.9 | 3107.3 | 3039.5 | 2969.3 | 2887.8 | 2792.8 | 2681.9 | 2566.4 |
| 57.5° | 3770.5 | 3765.9 | 3729.7 | 3686.7 | 3630.1 | 3557.7 | 3483.0 | 3397.0 | 3297.5 | 3179.8 | 3046.2 |
| 55°   | 4248.0 | 4243.5 | 4207.3 | 4162.0 | 4103.1 | 4030.7 | 3962.8 | 3881.4 | 3784.0 | 3659.6 | 3517.0 |
| 52.5° | 4671.2 | 4673.5 | 4641.8 | 4592.0 | 4528.6 | 4458.5 | 4392.8 | 4311.4 | 4218.6 | 4094.1 | 3956.0 |
| 50°   | 5060.5 | 5058.2 | 5024.3 | 4979.0 | 4920.2 | 4852.3 | 4786.6 | 4705.2 | 4607.8 | 4487.9 | 4354.4 |
| 47.5° | 5422.6 | 5418.1 | 5379.6 | 5329.8 | 5268.7 | 5209.8 | 5148.7 | 5076.3 | 4974.5 | 4854.5 | 4721.0 |
| 45°   | 5725.8 | 5716.8 | 5678.3 | 5630.8 | 5571.9 | 5519.9 | 5465.6 | 5411.3 | 5302.6 | 5191.7 | 5065.0 |
| 42.5° | 5986.1 | 5983.8 | 5945.4 | 5897.8 | 5839.0 | 5793.7 | 5744.0 | 5676.1 | 5585.5 | 5483.7 | 5359.2 |
| 40°   | 6235.1 | 6217.0 | 6178.5 | 6133.2 | 6078.9 | 6040.4 | 5990.6 | 5922.7 | 5834.5 | 5734.9 | 5614.9 |
| 37.5° | 6420.6 | 6422.9 | 6382.2 | 6332.4 | 6284.9 | 6248.6 | 6203.4 | 6140.0 | 6063.1 | 5965.7 | 5845.8 |
| 35°   | 6597.2 | 6585.9 | 6551.9 | 6508.9 | 6465.9 | 6425.2 | 6377.6 | 6323.3 | 6260.0 | 6169.4 | 6056.3 |
| 32.5° | 6712.6 | 6728.4 | 6687.7 | 6642.4 | 6617.5 | 6585.9 | 6536.1 | 6479.5 | 6422.9 | 6332.4 | 6230.5 |
| 30°   | 6839.3 | 6825.8 | 6794.1 | 6755.6 | 6737.5 | 6717.1 | 6674.1 | 6619.8 | 6554.2 | 6472.7 | 6377.6 |
| 27.5° | 6927.6 | 6920.8 | 6882.3 | 6846.1 | 6837.1 | 6819.0 | 6785.0 | 6737.5 | 6671.9 | 6592.6 | 6504.4 |
| 25°   | 6966.1 | 6970.6 | 6934.4 | 6914.0 | 6914.0 | 6902.7 | 6875.5 | 6834.8 | 6769.2 | 6696.7 | 6610.7 |
| 22.5° | 6984.2 | 6979.6 | 6954.8 | 6950.2 | 6961.5 | 6952.5 | 6941.2 | 6905.0 | 6846.1 | 6787.3 | 6714.9 |
| 20°   | 6995.5 | 6963.8 | 6941.2 | 6959.3 | 6972.9 | 6970.6 | 6961.5 | 6938.9 | 6911.8 | 6862.0 | 6798.6 |
| 17.5° | 6970.6 | 6950.2 | 6923.1 | 6950.2 | 6979.6 | 6981.9 | 6972.9 | 6959.3 | 6952.5 | 6920.8 | 6864.2 |
| 15°   | 6909.5 | 6893.6 | 6898.2 | 6925.3 | 6959.3 | 6970.6 | 6977.4 | 6993.2 | 6984.2 | 6959.3 | 6909.5 |
| 12.5° | 6868.8 | 6848.4 | 6868.8 | 6895.9 | 6914.0 | 6920.8 | 6975.1 | 7004.5 | 7004.5 | 6981.9 | 6950.2 |
| 10°   | 6857.4 | 6816.7 | 6843.9 | 6868.8 | 6877.8 | 6918.5 | 6963.8 | 6995.5 | 7011.3 | 6993.2 | 6952.5 |
| 7.5°  | 6834.8 | 6807.6 | 6819.0 | 6830.3 | 6882.3 | 6911.8 | 6936.6 | 6970.6 | 6993.2 | 6991.0 | 6954.8 |
| 5°    | 6823.5 | 6789.5 | 6794.1 | 6841.6 | 6877.8 | 6898.2 | 6907.2 | 6936.6 | 6970.6 | 6977.4 | 6950.2 |
| 2.5°  | 6794.1 | 6778.2 | 6812.2 | 6816.7 | 6843.9 | 6859.7 | 6868.8 | 6895.9 | 6938.9 | 6954.8 | 6943.4 |
| 0°    | 6778.2 | 6755.6 | 6733.0 | 6751.1 | 6796.3 | 6830.3 | 6843.9 | 6884.6 | 6934.4 | 6950.2 | 6925.3 |



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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° | 63.4   | 61.1   | 58.8   | 56.6   | 58.8   | 58.8   | 58.8   | 56.6   | 58.8   | 56.6   | 56.6   |
| 85°   | 196.9  | 187.8  | 181.1  | 172.0  | 162.9  | 156.2  | 147.1  | 138.1  | 135.8  | 133.5  | 129.0  |
| 82.5° | 339.5  | 328.2  | 316.8  | 303.3  | 289.7  | 273.8  | 258.0  | 239.9  | 235.4  | 230.8  | 224.1  |
| 80°   | 477.5  | 461.7  | 445.8  | 430.0  | 416.4  | 400.6  | 382.5  | 362.1  | 348.5  | 337.2  | 323.6  |
| 77.5° | 622.4  | 599.7  | 577.1  | 550.0  | 534.1  | 518.3  | 500.2  | 479.8  | 459.4  | 441.3  | 421.0  |
| 75°   | 787.6  | 762.7  | 740.1  | 712.9  | 683.5  | 654.1  | 624.6  | 597.5  | 568.1  | 540.9  | 513.7  |
| 72.5° | 970.9  | 934.7  | 898.5  | 864.5  | 828.3  | 792.1  | 753.6  | 717.4  | 681.2  | 645.0  | 606.5  |
| 70°   | 1163.3 | 1118.0 | 1072.7 | 1027.5 | 980.0  | 932.4  | 887.2  | 841.9  | 796.6  | 749.1  | 706.1  |
| 67.5° | 1389.6 | 1337.5 | 1278.7 | 1215.3 | 1145.2 | 1084.1 | 1025.2 | 970.9  | 916.6  | 862.3  | 808.0  |
| 65°   | 1672.5 | 1600.1 | 1520.9 | 1434.9 | 1353.4 | 1271.9 | 1185.9 | 1104.4 | 1041.1 | 977.7  | 916.6  |
| 62.5° | 2021.0 | 1919.2 | 1808.3 | 1697.4 | 1597.8 | 1491.4 | 1391.9 | 1285.5 | 1185.9 | 1095.4 | 1020.7 |
| 60°   | 2437.4 | 2299.4 | 2163.6 | 2021.0 | 1883.0 | 1738.1 | 1611.4 | 1480.1 | 1355.6 | 1244.7 | 1136.1 |
| 57.5° | 2896.9 | 2736.2 | 2573.2 | 2399.0 | 2211.1 | 2041.4 | 1869.4 | 1697.4 | 1550.3 | 1403.2 | 1281.0 |
| 55°   | 3363.1 | 3193.3 | 3010.0 | 2813.1 | 2607.2 | 2389.9 | 2156.8 | 1964.4 | 1763.0 | 1591.0 | 1432.6 |
| 52.5° | 3806.7 | 3630.1 | 3440.0 | 3259.0 | 3012.3 | 2763.3 | 2507.6 | 2254.1 | 2018.8 | 1799.2 | 1606.9 |
| 50°   | 4202.7 | 4030.7 | 3847.4 | 3636.9 | 3408.3 | 3143.6 | 2858.4 | 2573.2 | 2294.9 | 2036.9 | 1797.0 |
| 47.5° | 4564.8 | 4397.4 | 4214.0 | 4003.6 | 3795.4 | 3501.1 | 3213.7 | 2899.1 | 2589.1 | 2292.6 | 2012.0 |
| 45°   | 4904.3 | 4734.6 | 4544.5 | 4343.0 | 4103.1 | 3840.6 | 3544.1 | 3227.3 | 2894.6 | 2561.9 | 2238.3 |
| 42.5° | 5212.1 | 5042.4 | 4850.0 | 4641.8 | 4404.1 | 4143.9 | 3856.5 | 3537.4 | 3202.4 | 2840.3 | 2485.0 |
| 40°   | 5481.4 | 5316.2 | 5130.6 | 4913.4 | 4691.6 | 4417.7 | 4134.8 | 3831.6 | 3485.3 | 3120.9 | 2729.4 |
| 37.5° | 5716.8 | 5562.9 | 5379.6 | 5164.6 | 4929.2 | 4684.8 | 4392.8 | 4089.6 | 3777.2 | 3381.2 | 2980.6 |
| 35°   | 5925.0 | 5782.4 | 5594.6 | 5390.9 | 5160.1 | 4902.0 | 4628.2 | 4331.7 | 3994.5 | 3623.4 | 3234.1 |
| 32.5° | 6106.1 | 5961.2 | 5789.2 | 5585.5 | 5361.5 | 5119.3 | 4838.7 | 4539.9 | 4220.8 | 3842.9 | 3419.7 |
| 30°   | 6260.0 | 6119.6 | 5956.7 | 5764.3 | 5549.3 | 5309.4 | 5035.6 | 4734.6 | 4408.7 | 4033.0 | 3614.3 |
| 27.5° | 6393.5 | 6260.0 | 6101.5 | 5922.7 | 5716.8 | 5485.9 | 5209.8 | 4906.6 | 4573.9 | 4211.8 | 3793.1 |
| 25°   | 6508.9 | 6379.9 | 6232.8 | 6063.1 | 5859.4 | 5633.1 | 5372.8 | 5055.9 | 4723.3 | 4358.9 | 3944.7 |
| 22.5° | 6613.0 | 6488.5 | 6341.4 | 6176.2 | 5990.6 | 5764.3 | 5501.8 | 5187.2 | 4850.0 | 4490.1 | 4082.8 |
| 20°   | 6705.8 | 6590.4 | 6445.5 | 6275.8 | 6090.2 | 5861.6 | 5601.4 | 5302.6 | 4963.2 | 4610.1 | 4207.3 |
| 17.5° | 6780.5 | 6678.6 | 6533.8 | 6355.0 | 6169.4 | 5947.6 | 5694.2 | 5420.3 | 5060.5 | 4711.9 | 4311.4 |
| 15°   | 6832.5 | 6733.0 | 6601.7 | 6420.6 | 6239.6 | 6020.1 | 5766.6 | 5483.7 | 5148.7 | 4793.4 | 4397.4 |
| 12.5° | 6868.8 | 6762.4 | 6640.2 | 6472.7 | 6291.6 | 6074.4 | 5827.7 | 5549.3 | 5223.4 | 4865.8 | 4472.0 |
| 10°   | 6877.8 | 6780.5 | 6658.3 | 6508.9 | 6332.4 | 6121.9 | 5879.7 | 5603.6 | 5284.5 | 4922.4 | 4533.1 |
| 7.5°  | 6882.3 | 6789.5 | 6678.6 | 6536.1 | 6361.8 | 6158.1 | 5918.2 | 5646.6 | 5329.8 | 4969.9 | 4578.4 |
| 5°    | 6880.1 | 6791.8 | 6692.2 | 6554.2 | 6379.9 | 6178.5 | 5943.1 | 5676.1 | 5361.5 | 5001.6 | 4612.4 |
| 2.5°  | 6873.3 | 6794.1 | 6701.3 | 6567.7 | 6400.3 | 6201.1 | 5968.0 | 5710.0 | 5395.4 | 5028.8 | 4639.5 |
| 0°    | 6891.4 | 6823.5 | 6705.8 | 6563.2 | 6404.8 | 6201.1 | 5965.7 | 5714.5 | 5399.9 | 5026.5 | 4637.3 |





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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° | 56.6   | 54.3   | 54.3   | 52.1   | 49.8   | 47.5   | 43.0   | 40.7   | 36.2  | 29.4  | 22.6  |
| 85°   | 122.2  | 115.4  | 108.6  | 104.1  | 99.6   | 95.1   | 88.3   | 81.5   | 72.4  | 58.8  | 45.3  |
| 82.5° | 215.0  | 201.4  | 187.8  | 172.0  | 158.4  | 144.8  | 133.5  | 122.2  | 108.6 | 88.3  | 67.9  |
| 80°   | 307.8  | 287.4  | 267.1  | 244.4  | 224.1  | 201.4  | 181.1  | 162.9  | 144.8 | 117.7 | 90.5  |
| 77.5° | 400.6  | 373.4  | 344.0  | 316.8  | 287.4  | 258.0  | 228.6  | 203.7  | 176.5 | 144.8 | 113.2 |
| 75°   | 486.6  | 454.9  | 427.7  | 389.3  | 353.1  | 314.6  | 276.1  | 242.2  | 208.2 | 169.7 | 135.8 |
| 72.5° | 572.6  | 531.8  | 493.4  | 457.2  | 416.4  | 368.9  | 325.9  | 282.9  | 239.9 | 194.6 | 153.9 |
| 70°   | 658.6  | 608.8  | 561.3  | 518.3  | 473.0  | 425.5  | 373.4  | 323.6  | 271.6 | 217.3 | 169.7 |
| 67.5° | 746.8  | 690.3  | 636.0  | 581.6  | 529.6  | 475.3  | 421.0  | 364.4  | 303.3 | 239.9 | 187.8 |
| 65°   | 844.2  | 774.0  | 708.4  | 647.3  | 586.2  | 527.3  | 466.2  | 405.1  | 337.2 | 264.8 | 203.7 |
| 62.5° | 941.5  | 864.5  | 787.6  | 710.6  | 642.7  | 577.1  | 511.5  | 443.6  | 368.9 | 292.0 | 219.5 |
| 60°   | 1045.6 | 957.3  | 869.1  | 783.1  | 699.3  | 626.9  | 554.5  | 482.1  | 402.8 | 316.8 | 235.4 |
| 57.5° | 1161.0 | 1054.6 | 955.1  | 857.7  | 762.7  | 676.7  | 597.5  | 520.5  | 432.3 | 341.7 | 253.5 |
| 55°   | 1292.3 | 1161.0 | 1043.3 | 934.7  | 830.6  | 726.5  | 640.5  | 561.3  | 466.2 | 366.6 | 273.8 |
| 52.5° | 1430.3 | 1278.7 | 1136.1 | 1013.9 | 903.0  | 785.3  | 681.2  | 593.0  | 500.2 | 391.5 | 292.0 |
| 50°   | 1591.0 | 1398.6 | 1240.2 | 1090.9 | 966.4  | 844.2  | 724.2  | 629.2  | 534.1 | 421.0 | 310.1 |
| 47.5° | 1756.2 | 1543.5 | 1344.3 | 1181.4 | 1034.3 | 900.7  | 774.0  | 660.8  | 565.8 | 448.1 | 328.2 |
| 45°   | 1948.6 | 1681.5 | 1462.0 | 1269.6 | 1099.9 | 959.6  | 823.8  | 694.8  | 593.0 | 475.3 | 346.3 |
| 42.5° | 2134.2 | 1844.5 | 1584.2 | 1367.0 | 1174.6 | 1016.2 | 869.1  | 731.0  | 620.1 | 502.4 | 362.1 |
| 40°   | 2353.7 | 2007.4 | 1701.9 | 1459.8 | 1249.3 | 1070.5 | 914.3  | 769.5  | 645.0 | 527.3 | 378.0 |
| 37.5° | 2564.2 | 2172.7 | 1844.5 | 1561.6 | 1321.7 | 1124.8 | 959.6  | 805.7  | 667.6 | 552.2 | 398.3 |
| 35°   | 2772.4 | 2356.0 | 1980.3 | 1656.6 | 1396.4 | 1185.9 | 1004.9 | 839.6  | 690.3 | 572.6 | 416.4 |
| 32.5° | 2971.6 | 2528.0 | 2118.3 | 1763.0 | 1477.9 | 1242.5 | 1045.6 | 871.3  | 712.9 | 590.7 | 434.5 |
| 30°   | 3157.1 | 2690.9 | 2254.1 | 1871.6 | 1552.5 | 1294.5 | 1084.1 | 903.0  | 740.1 | 606.5 | 452.6 |
| 27.5° | 3326.9 | 2849.3 | 2389.9 | 1973.5 | 1622.7 | 1342.1 | 1124.8 | 932.4  | 762.7 | 622.4 | 468.5 |
| 25°   | 3480.8 | 2991.9 | 2514.4 | 2066.3 | 1686.1 | 1394.1 | 1163.3 | 961.9  | 783.1 | 636.0 | 482.1 |
| 22.5° | 3625.6 | 3123.2 | 2627.6 | 2159.1 | 1763.0 | 1446.2 | 1199.5 | 989.0  | 803.4 | 649.5 | 495.6 |
| 20°   | 3752.4 | 3243.1 | 2736.2 | 2251.9 | 1830.9 | 1493.7 | 1231.2 | 1013.9 | 821.5 | 658.6 | 509.2 |
| 17.5° | 3854.2 | 3349.5 | 2833.5 | 2333.3 | 1889.8 | 1534.4 | 1258.3 | 1036.5 | 837.4 | 669.9 | 518.3 |
| 15°   | 3944.7 | 3440.0 | 2915.0 | 2403.5 | 1941.8 | 1568.4 | 1283.2 | 1054.6 | 851.0 | 676.7 | 529.6 |
| 12.5° | 4021.7 | 3517.0 | 2985.1 | 2464.6 | 1987.1 | 1597.8 | 1303.6 | 1068.2 | 862.3 | 683.5 | 536.4 |
| 10°   | 4085.0 | 3578.1 | 3044.0 | 2512.1 | 2023.3 | 1620.4 | 1319.4 | 1081.8 | 871.3 | 690.3 | 543.2 |
| 7.5°  | 4132.6 | 3623.4 | 3087.0 | 2552.9 | 2052.7 | 1636.3 | 1333.0 | 1090.9 | 880.4 | 694.8 | 554.5 |
| 5°    | 4168.8 | 3661.8 | 3120.9 | 2580.0 | 2075.3 | 1658.9 | 1348.9 | 1102.2 | 889.4 | 699.3 | 554.5 |
| 2.5°  | 4195.9 | 3693.5 | 3148.1 | 2602.7 | 2093.4 | 1654.4 | 1348.9 | 1099.9 | 889.4 | 699.3 | 552.2 |
| 0°    | 4191.4 | 3695.8 | 3145.8 | 2602.7 | 2093.4 | 1649.9 | 1348.9 | 1097.6 | 889.4 | 699.3 | 552.2 |



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 CATALOG NUMBER: IFLD-M-SA4C-827-U-LAM

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 15.8  | 11.3  | 4.5   | 0.0 |
| 85°   | 33.9  | 22.6  | 11.3  | 0.0 |
| 82.5° | 49.8  | 31.7  | 15.8  | 0.0 |
| 80°   | 65.6  | 43.0  | 20.4  | 0.0 |
| 77.5° | 83.7  | 54.3  | 27.2  | 0.0 |
| 75°   | 99.6  | 63.4  | 31.7  | 0.0 |
| 72.5° | 115.4 | 74.7  | 36.2  | 0.0 |
| 70°   | 129.0 | 83.7  | 40.7  | 0.0 |
| 67.5° | 142.6 | 95.1  | 47.5  | 0.0 |
| 65°   | 153.9 | 104.1 | 52.1  | 0.0 |
| 62.5° | 162.9 | 115.4 | 56.6  | 0.0 |
| 60°   | 174.3 | 124.5 | 61.1  | 0.0 |
| 57.5° | 183.3 | 131.3 | 65.6  | 0.0 |
| 55°   | 192.4 | 135.8 | 70.2  | 0.0 |
| 52.5° | 201.4 | 142.6 | 74.7  | 0.0 |
| 50°   | 210.5 | 149.4 | 79.2  | 0.0 |
| 47.5° | 219.5 | 153.9 | 81.5  | 0.0 |
| 45°   | 233.1 | 160.7 | 86.0  | 0.0 |
| 42.5° | 244.4 | 165.2 | 90.5  | 0.0 |
| 40°   | 255.7 | 169.7 | 92.8  | 0.0 |
| 37.5° | 267.1 | 174.3 | 97.3  | 0.0 |
| 35°   | 278.4 | 178.8 | 99.6  | 0.0 |
| 32.5° | 287.4 | 183.3 | 101.8 | 0.0 |
| 30°   | 296.5 | 187.8 | 104.1 | 0.0 |
| 27.5° | 305.5 | 190.1 | 106.4 | 0.0 |
| 25°   | 312.3 | 194.6 | 108.6 | 0.0 |
| 22.5° | 319.1 | 196.9 | 110.9 | 0.0 |
| 20°   | 323.6 | 199.2 | 113.2 | 0.0 |
| 17.5° | 330.4 | 201.4 | 115.4 | 0.0 |
| 15°   | 332.7 | 203.7 | 119.9 | 0.0 |
| 12.5° | 337.2 | 205.9 | 119.9 | 0.0 |
| 10°   | 339.5 | 208.2 | 119.9 | 0.0 |
| 7.5°  | 344.0 | 208.2 | 119.9 | 0.0 |
| 5°    | 341.7 | 208.2 | 119.9 | 0.0 |
| 2.5°  | 341.7 | 208.2 | 119.9 | 0.0 |
| 0°    | 339.5 | 208.2 | 119.9 | 0.0 |

(END OF REPORT)