

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: P628433

Luminaire Tested: **IFLD-L-SA7C-927-U-LAM**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P628433  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-927-U-LAM  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/  
Lambertian distribution lens  
Light Source: (112) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

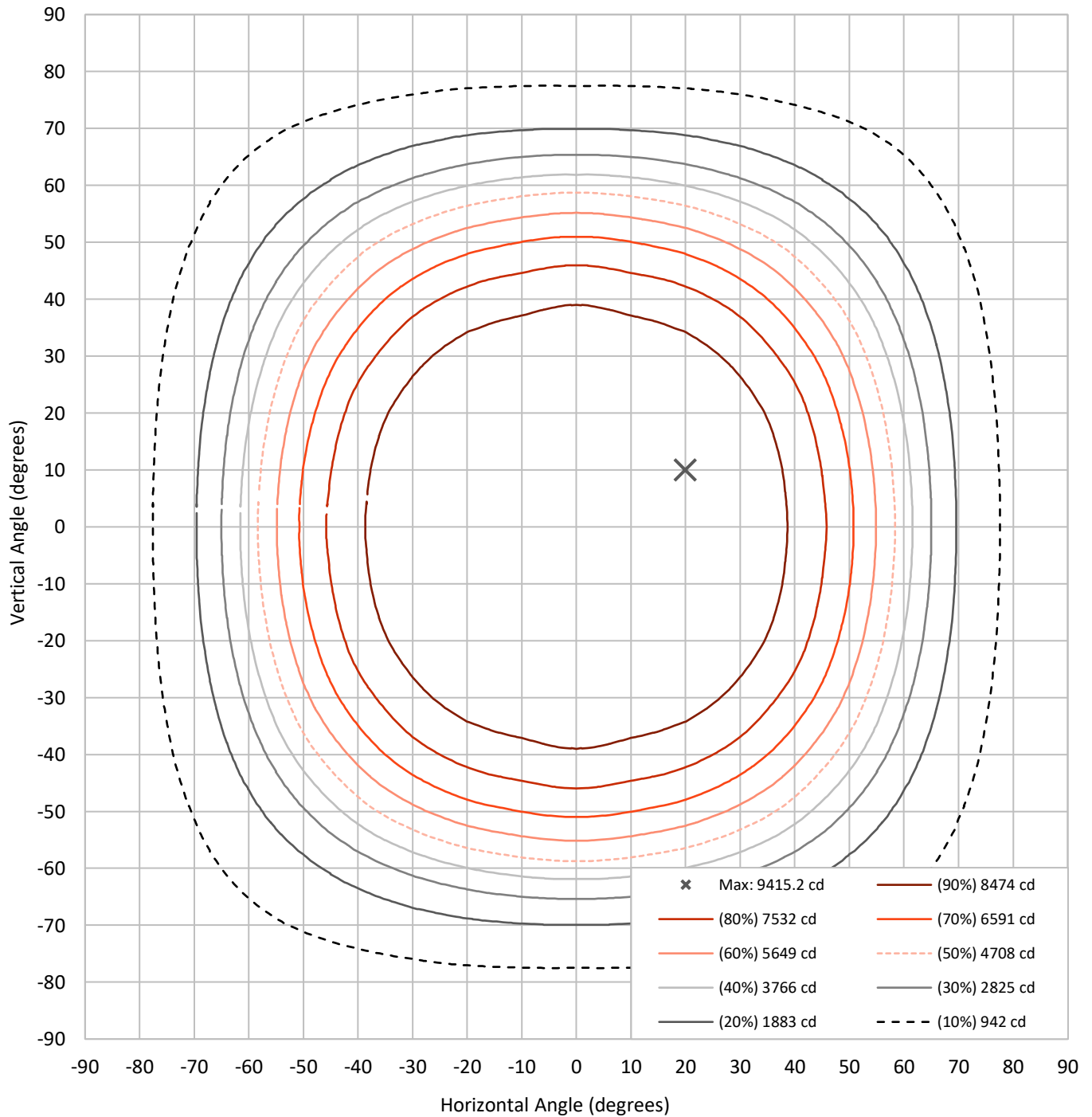
|                   |                                    |                      |                 |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 7H x 7V         |
| Luminaire Lumens: | 28884.6 lumens                     | Max Intensity:       | 9415.2 candela  |
| Efficiency:       | N/A                                | Max Intensity Angle: | 20°H x 10°V     |
| Efficacy:         | 78.3 lumens/watt                   |                      |                 |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                 |
| Beam Angle (50%): | 115.7°H x 112.9°V                  | Field Angle (10%):   | 154.7°H x 154°V |
| Beam Lumens:      | 17724.2 lumens                     | Field Lumens:        | 21248.3 lumens  |
| Beam Efficiency:  | 61.4%                              | Field Efficiency:    | 73.6%           |

Input Watts (W): 369  
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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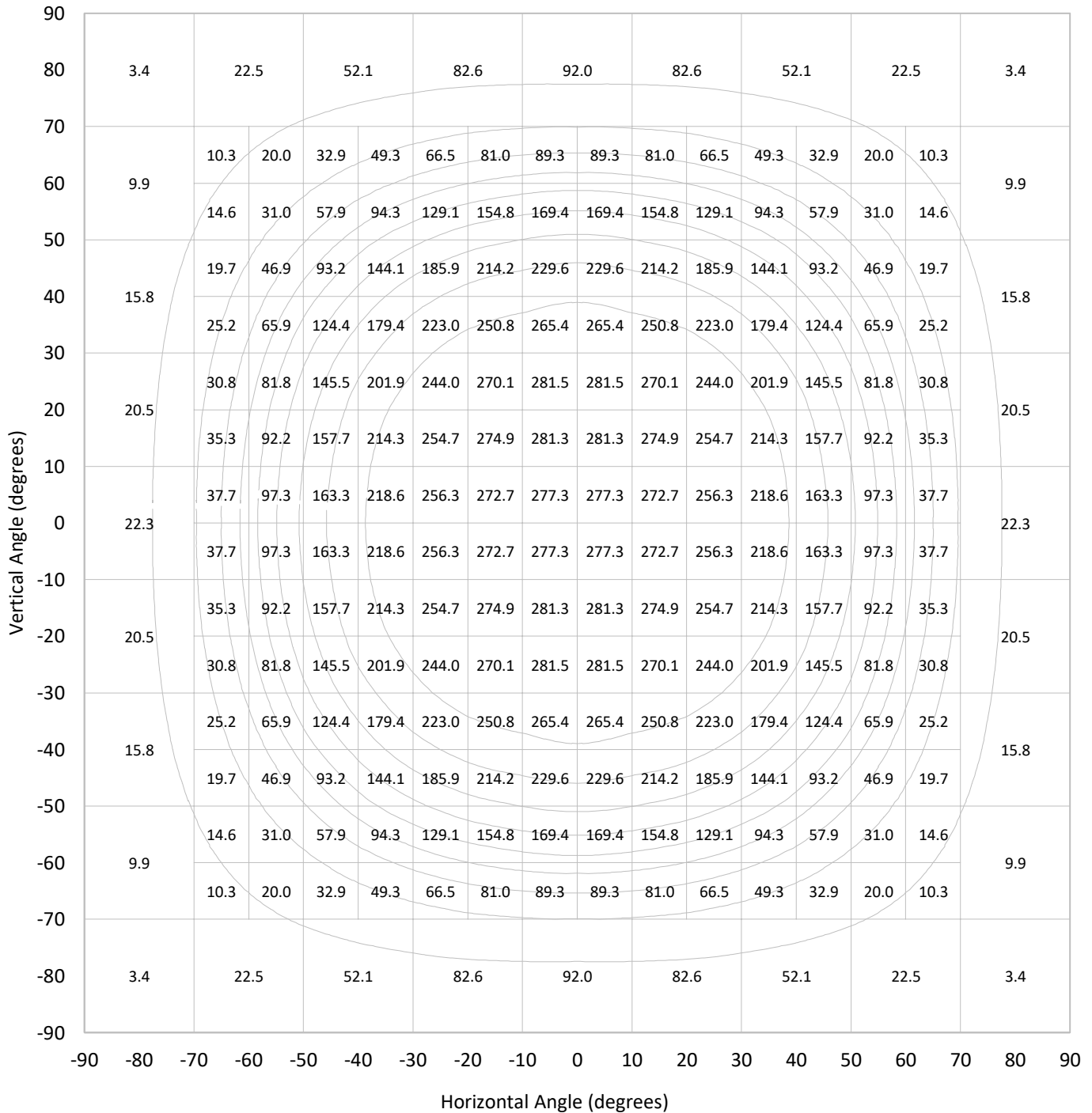
### Iso-Candela Plot





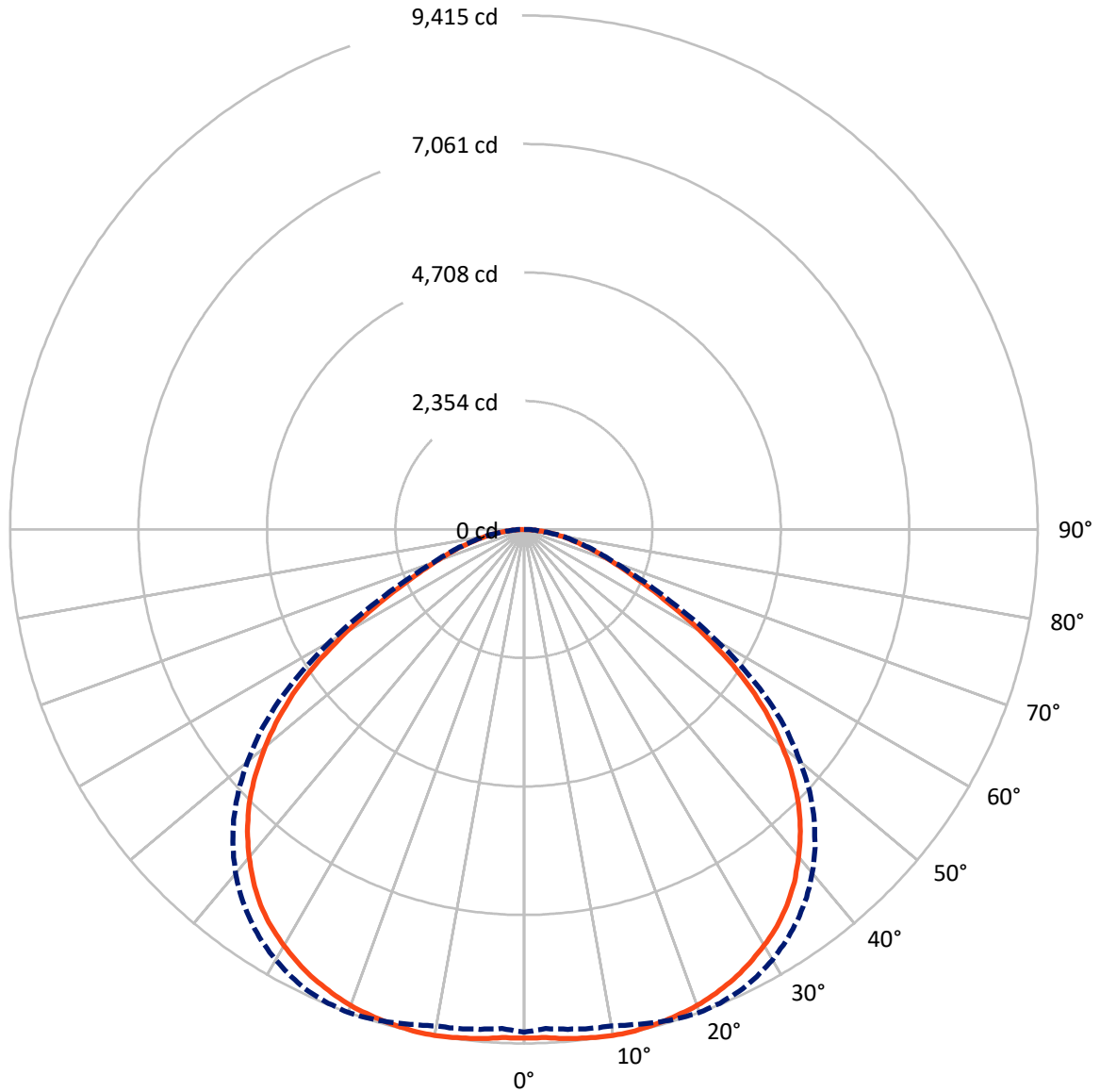
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### Lumen Table



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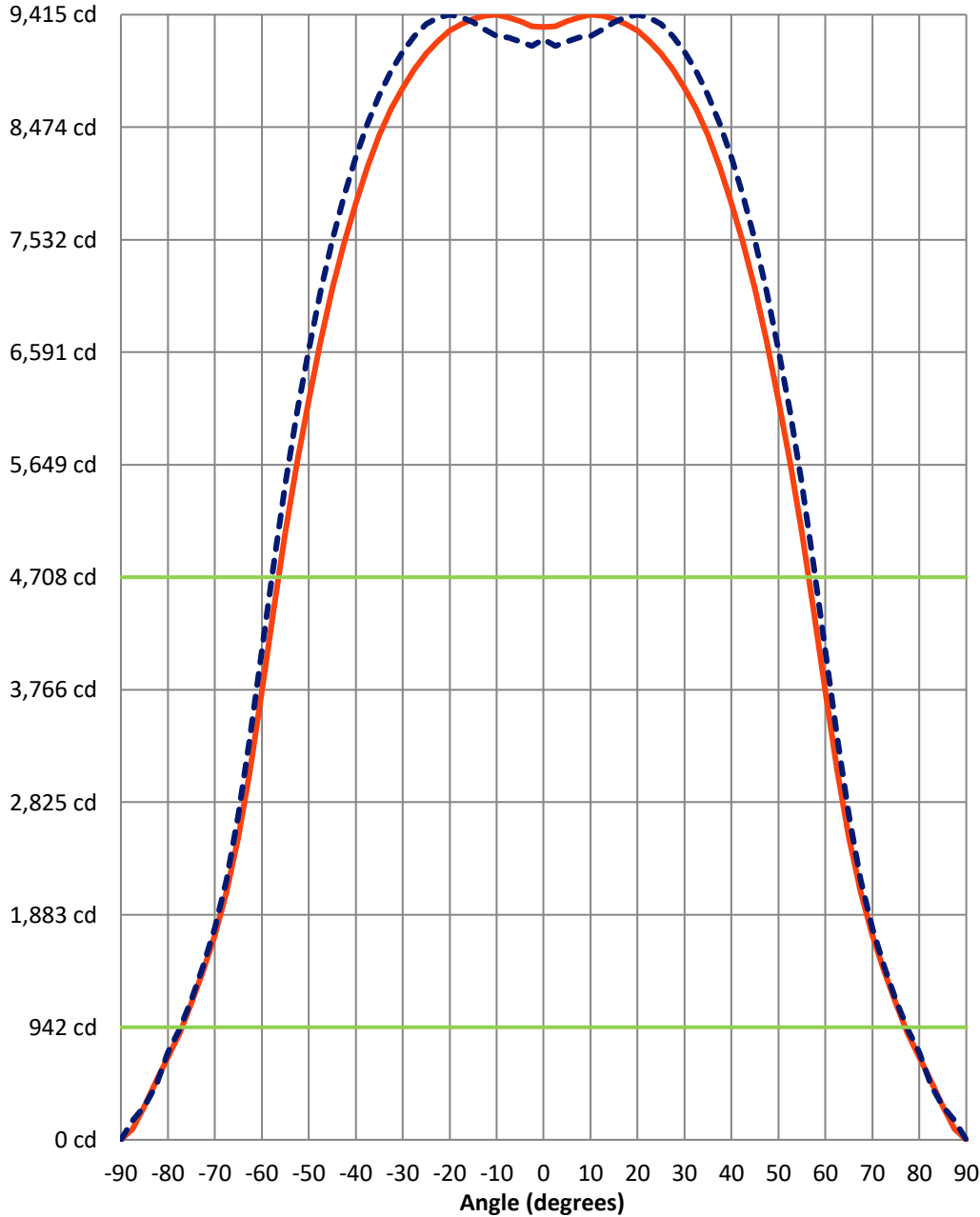
### Luminous Intensity Polar Plot



— 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: 17724.2  
 Efficiency: 61.4%

**Field:**  
 H Angle: 154.7°  
 V Angle: 154°  
 Lumens: 21248.3  
 Efficiency: 73.6%

**Spill:**  
 Lumens: 7636.3  
 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° | 76.0   | 82.1   | 85.1   | 88.1   | 91.2   | 94.2   | 97.3   | 94.2   | 91.2   | 91.2   | 88.1   |
| 85°   | 203.6  | 209.7  | 212.7  | 234.0  | 255.3  | 267.4  | 282.6  | 279.6  | 279.6  | 276.6  | 273.5  |
| 82.5° | 407.2  | 425.5  | 440.7  | 461.9  | 474.1  | 492.3  | 504.5  | 495.4  | 489.3  | 477.1  | 468.0  |
| 80°   | 723.3  | 729.4  | 732.4  | 735.5  | 720.3  | 717.2  | 711.2  | 702.0  | 689.9  | 674.7  | 659.5  |
| 77.5° | 920.9  | 926.9  | 933.0  | 926.9  | 923.9  | 920.9  | 911.7  | 902.6  | 890.5  | 878.3  | 860.1  |
| 75°   | 1218.7 | 1218.7 | 1218.7 | 1209.6 | 1203.5 | 1194.4 | 1179.2 | 1164.0 | 1142.7 | 1118.4 | 1091.0 |
| 72.5° | 1534.8 | 1531.7 | 1528.7 | 1510.4 | 1495.2 | 1477.0 | 1455.7 | 1437.5 | 1413.2 | 1385.8 | 1349.4 |
| 70°   | 1866.0 | 1872.1 | 1875.1 | 1850.8 | 1832.6 | 1808.3 | 1780.9 | 1747.5 | 1711.0 | 1671.5 | 1619.9 |
| 67.5° | 2321.9 | 2315.8 | 2309.7 | 2276.3 | 2252.0 | 2218.6 | 2179.1 | 2130.4 | 2075.7 | 2014.9 | 1942.0 |
| 65°   | 2887.2 | 2896.3 | 2878.1 | 2844.6 | 2799.0 | 2744.3 | 2683.5 | 2613.6 | 2531.6 | 2440.4 | 2337.1 |
| 62.5° | 3571.0 | 3586.2 | 3564.9 | 3522.3 | 3464.6 | 3391.7 | 3306.6 | 3206.3 | 3093.8 | 2966.2 | 2838.5 |
| 60°   | 4349.0 | 4345.9 | 4306.4 | 4248.7 | 4172.7 | 4081.5 | 3987.3 | 3877.9 | 3750.3 | 3601.4 | 3446.4 |
| 57.5° | 5063.2 | 5057.1 | 5008.5 | 4950.7 | 4874.8 | 4777.5 | 4677.2 | 4561.7 | 4428.0 | 4270.0 | 4090.7 |
| 55°   | 5704.4 | 5698.4 | 5649.7 | 5589.0 | 5509.9 | 5412.7 | 5321.5 | 5212.1 | 5081.4 | 4914.3 | 4722.8 |
| 52.5° | 6272.8 | 6275.8 | 6233.2 | 6166.4 | 6081.3 | 5987.1 | 5898.9 | 5789.5 | 5664.9 | 5497.8 | 5312.4 |
| 50°   | 6795.5 | 6792.4 | 6746.9 | 6686.1 | 6607.1 | 6515.9 | 6427.7 | 6318.3 | 6187.7 | 6026.6 | 5847.3 |
| 47.5° | 7281.7 | 7275.7 | 7224.0 | 7157.1 | 7075.1 | 6996.1 | 6914.0 | 6816.8 | 6680.0 | 6518.9 | 6339.6 |
| 45°   | 7689.0 | 7676.8 | 7625.2 | 7561.3 | 7482.3 | 7412.4 | 7339.5 | 7266.5 | 7120.7 | 6971.8 | 6801.6 |
| 42.5° | 8038.5 | 8035.4 | 7983.8 | 7920.0 | 7840.9 | 7780.2 | 7713.3 | 7622.1 | 7500.6 | 7363.8 | 7196.6 |
| 40°   | 8372.8 | 8348.5 | 8296.8 | 8236.0 | 8163.1 | 8111.4 | 8044.6 | 7953.4 | 7834.9 | 7701.1 | 7540.1 |
| 37.5° | 8622.0 | 8625.0 | 8570.3 | 8503.5 | 8439.6 | 8391.0 | 8330.2 | 8245.1 | 8141.8 | 8011.1 | 7850.1 |
| 35°   | 8859.0 | 8843.9 | 8798.3 | 8740.5 | 8682.8 | 8628.1 | 8564.3 | 8491.3 | 8406.2 | 8284.7 | 8132.7 |
| 32.5° | 9014.0 | 9035.3 | 8980.6 | 8919.8 | 8886.4 | 8843.9 | 8777.0 | 8701.0 | 8625.0 | 8503.5 | 8366.7 |
| 30°   | 9184.2 | 9166.0 | 9123.5 | 9071.8 | 9047.5 | 9020.1 | 8962.4 | 8889.4 | 8801.3 | 8691.9 | 8564.3 |
| 27.5° | 9302.8 | 9293.6 | 9242.0 | 9193.4 | 9181.2 | 9156.9 | 9111.3 | 9047.5 | 8959.3 | 8853.0 | 8734.4 |
| 25°   | 9354.4 | 9360.5 | 9311.9 | 9284.5 | 9284.5 | 9269.3 | 9232.9 | 9178.2 | 9090.0 | 8992.8 | 8877.3 |
| 22.5° | 9378.7 | 9372.7 | 9339.2 | 9333.2 | 9348.3 | 9336.2 | 9321.0 | 9272.4 | 9193.4 | 9114.3 | 9017.1 |
| 20°   | 9393.9 | 9351.4 | 9321.0 | 9345.3 | 9363.5 | 9360.5 | 9348.3 | 9318.0 | 9281.5 | 9214.6 | 9129.5 |
| 17.5° | 9360.5 | 9333.2 | 9296.7 | 9333.2 | 9372.7 | 9375.7 | 9363.5 | 9345.3 | 9336.2 | 9293.6 | 9217.7 |
| 15°   | 9278.4 | 9257.2 | 9263.3 | 9299.7 | 9345.3 | 9360.5 | 9369.6 | 9390.9 | 9378.7 | 9345.3 | 9278.4 |
| 12.5° | 9223.7 | 9196.4 | 9223.7 | 9260.2 | 9284.5 | 9293.6 | 9366.6 | 9406.1 | 9406.1 | 9375.7 | 9333.2 |
| 10°   | 9208.5 | 9153.8 | 9190.3 | 9223.7 | 9235.9 | 9290.6 | 9351.4 | 9393.9 | 9415.2 | 9390.9 | 9336.2 |
| 7.5°  | 9178.2 | 9141.7 | 9156.9 | 9172.1 | 9242.0 | 9281.5 | 9314.9 | 9360.5 | 9390.9 | 9387.9 | 9339.2 |
| 5°    | 9163.0 | 9117.4 | 9123.5 | 9187.3 | 9235.9 | 9263.3 | 9275.4 | 9314.9 | 9360.5 | 9369.6 | 9333.2 |
| 2.5°  | 9123.5 | 9102.2 | 9147.8 | 9153.8 | 9190.3 | 9211.6 | 9223.7 | 9260.2 | 9318.0 | 9339.2 | 9324.0 |
| 0°    | 9102.2 | 9071.8 | 9041.4 | 9065.7 | 9126.5 | 9172.1 | 9190.3 | 9245.0 | 9311.9 | 9333.2 | 9299.7 |



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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° | 85.1   | 82.1   | 79.0   | 76.0   | 79.0   | 79.0   | 79.0   | 76.0   | 79.0   | 76.0   | 76.0   |
| 85°   | 264.4  | 252.2  | 243.1  | 231.0  | 218.8  | 209.7  | 197.5  | 185.4  | 182.3  | 179.3  | 173.2  |
| 82.5° | 455.9  | 440.7  | 425.5  | 407.2  | 389.0  | 367.7  | 346.5  | 322.1  | 316.1  | 310.0  | 300.9  |
| 80°   | 641.3  | 620.0  | 598.7  | 577.4  | 559.2  | 537.9  | 513.6  | 486.3  | 468.0  | 452.8  | 434.6  |
| 77.5° | 835.8  | 805.4  | 775.0  | 738.5  | 717.2  | 696.0  | 671.6  | 644.3  | 616.9  | 592.6  | 565.3  |
| 75°   | 1057.6 | 1024.2 | 993.8  | 957.3  | 917.8  | 878.3  | 838.8  | 802.3  | 762.8  | 726.4  | 689.9  |
| 72.5° | 1303.8 | 1255.2 | 1206.5 | 1160.9 | 1112.3 | 1063.7 | 1012.0 | 963.4  | 914.8  | 866.2  | 814.5  |
| 70°   | 1562.1 | 1501.3 | 1440.5 | 1379.8 | 1315.9 | 1252.1 | 1191.3 | 1130.6 | 1069.8 | 1006.0 | 948.2  |
| 67.5° | 1866.0 | 1796.1 | 1717.1 | 1632.0 | 1537.8 | 1455.7 | 1376.7 | 1303.8 | 1230.8 | 1157.9 | 1085.0 |
| 65°   | 2245.9 | 2148.7 | 2042.3 | 1926.8 | 1817.4 | 1708.0 | 1592.5 | 1483.1 | 1398.0 | 1312.9 | 1230.8 |
| 62.5° | 2713.9 | 2577.2 | 2428.3 | 2279.3 | 2145.6 | 2002.8 | 1869.1 | 1726.2 | 1592.5 | 1470.9 | 1370.6 |
| 60°   | 3273.1 | 3087.8 | 2905.4 | 2713.9 | 2528.6 | 2334.0 | 2163.9 | 1987.6 | 1820.4 | 1671.5 | 1525.6 |
| 57.5° | 3890.1 | 3674.3 | 3455.5 | 3221.5 | 2969.2 | 2741.3 | 2510.3 | 2279.3 | 2081.8 | 1884.3 | 1720.1 |
| 55°   | 4516.1 | 4288.2 | 4042.0 | 3777.6 | 3501.1 | 3209.3 | 2896.3 | 2638.0 | 2367.5 | 2136.5 | 1923.8 |
| 52.5° | 5111.8 | 4874.8 | 4619.5 | 4376.3 | 4045.1 | 3710.8 | 3367.4 | 3027.0 | 2710.9 | 2416.1 | 2157.8 |
| 50°   | 5643.7 | 5412.7 | 5166.5 | 4883.9 | 4576.9 | 4221.3 | 3838.4 | 3455.5 | 3081.7 | 2735.2 | 2413.1 |
| 47.5° | 6129.9 | 5905.0 | 5658.9 | 5376.2 | 5096.6 | 4701.5 | 4315.6 | 3893.1 | 3476.8 | 3078.6 | 2701.8 |
| 45°   | 6585.8 | 6357.8 | 6102.6 | 5832.1 | 5509.9 | 5157.4 | 4759.3 | 4333.8 | 3887.0 | 3440.3 | 3005.7 |
| 42.5° | 6999.1 | 6771.2 | 6512.8 | 6233.2 | 5914.1 | 5564.6 | 5178.7 | 4750.2 | 4300.4 | 3814.1 | 3337.0 |
| 40°   | 7360.8 | 7138.9 | 6889.7 | 6597.9 | 6300.1 | 5932.4 | 5552.5 | 5145.2 | 4680.3 | 4191.0 | 3665.2 |
| 37.5° | 7676.8 | 7470.2 | 7224.0 | 6935.3 | 6619.2 | 6291.0 | 5898.9 | 5491.7 | 5072.3 | 4540.5 | 4002.5 |
| 35°   | 7956.4 | 7765.0 | 7512.7 | 7239.2 | 6929.2 | 6582.7 | 6215.0 | 5816.9 | 5364.1 | 4865.6 | 4342.9 |
| 32.5° | 8199.6 | 8005.1 | 7774.1 | 7500.6 | 7199.7 | 6874.5 | 6497.6 | 6096.5 | 5668.0 | 5160.4 | 4592.1 |
| 30°   | 8406.2 | 8217.8 | 7999.0 | 7740.7 | 7451.9 | 7129.8 | 6762.1 | 6357.8 | 5920.2 | 5415.7 | 4853.5 |
| 27.5° | 8585.5 | 8406.2 | 8193.5 | 7953.4 | 7676.8 | 7366.8 | 6996.1 | 6588.8 | 6142.1 | 5655.8 | 5093.6 |
| 25°   | 8740.5 | 8567.3 | 8369.7 | 8141.8 | 7868.3 | 7564.4 | 7214.9 | 6789.4 | 6342.7 | 5853.4 | 5297.2 |
| 22.5° | 8880.3 | 8713.2 | 8515.6 | 8293.8 | 8044.6 | 7740.7 | 7388.1 | 6965.7 | 6512.8 | 6029.6 | 5482.6 |
| 20°   | 9004.9 | 8849.9 | 8655.4 | 8427.5 | 8178.3 | 7871.3 | 7521.8 | 7120.7 | 6664.8 | 6190.7 | 5649.7 |
| 17.5° | 9105.2 | 8968.5 | 8774.0 | 8533.9 | 8284.7 | 7986.8 | 7646.4 | 7278.7 | 6795.5 | 6327.5 | 5789.5 |
| 15°   | 9175.1 | 9041.4 | 8865.1 | 8622.0 | 8378.9 | 8084.1 | 7743.7 | 7363.8 | 6914.0 | 6436.9 | 5905.0 |
| 12.5° | 9223.7 | 9080.9 | 8916.8 | 8691.9 | 8448.8 | 8157.0 | 7825.7 | 7451.9 | 7014.3 | 6534.1 | 6005.3 |
| 10°   | 9235.9 | 9105.2 | 8941.1 | 8740.5 | 8503.5 | 8220.8 | 7895.6 | 7524.9 | 7096.4 | 6610.1 | 6087.4 |
| 7.5°  | 9242.0 | 9117.4 | 8968.5 | 8777.0 | 8543.0 | 8269.5 | 7947.3 | 7582.6 | 7157.1 | 6673.9 | 6148.1 |
| 5°    | 9238.9 | 9120.4 | 8986.7 | 8801.3 | 8567.3 | 8296.8 | 7980.7 | 7622.1 | 7199.7 | 6716.5 | 6193.7 |
| 2.5°  | 9229.8 | 9123.5 | 8998.8 | 8819.5 | 8594.6 | 8327.2 | 8014.2 | 7667.7 | 7245.3 | 6752.9 | 6230.2 |
| 0°    | 9254.1 | 9163.0 | 9004.9 | 8813.5 | 8600.7 | 8327.2 | 8011.1 | 7673.8 | 7251.4 | 6749.9 | 6227.2 |





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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° | 76.0   | 72.9   | 72.9   | 69.9   | 66.9   | 63.8   | 57.7   | 54.7   | 48.6   | 39.5  | 30.4  |
| 85°   | 164.1  | 155.0  | 145.9  | 139.8  | 133.7  | 127.6  | 118.5  | 109.4  | 97.3   | 79.0  | 60.8  |
| 82.5° | 288.7  | 270.5  | 252.2  | 231.0  | 212.7  | 194.5  | 179.3  | 164.1  | 145.9  | 118.5 | 91.2  |
| 80°   | 413.3  | 386.0  | 358.6  | 328.2  | 300.9  | 270.5  | 243.1  | 218.8  | 194.5  | 158.0 | 121.6 |
| 77.5° | 537.9  | 501.5  | 461.9  | 425.5  | 386.0  | 346.5  | 307.0  | 273.5  | 237.1  | 194.5 | 152.0 |
| 75°   | 653.4  | 610.9  | 574.4  | 522.7  | 474.1  | 422.4  | 370.8  | 325.2  | 279.6  | 227.9 | 182.3 |
| 72.5° | 768.9  | 714.2  | 662.5  | 613.9  | 559.2  | 495.4  | 437.6  | 379.9  | 322.1  | 261.4 | 206.7 |
| 70°   | 884.4  | 817.5  | 753.7  | 696.0  | 635.2  | 571.4  | 501.5  | 434.6  | 364.7  | 291.8 | 227.9 |
| 67.5° | 1002.9 | 926.9  | 854.0  | 781.1  | 711.2  | 638.2  | 565.3  | 489.3  | 407.2  | 322.1 | 252.2 |
| 65°   | 1133.6 | 1039.4 | 951.2  | 869.2  | 787.1  | 708.1  | 626.1  | 544.0  | 452.8  | 355.6 | 273.5 |
| 62.5° | 1264.3 | 1160.9 | 1057.6 | 954.3  | 863.1  | 775.0  | 686.8  | 595.7  | 495.4  | 392.0 | 294.8 |
| 60°   | 1404.1 | 1285.5 | 1167.0 | 1051.5 | 939.1  | 841.8  | 744.6  | 647.3  | 541.0  | 425.5 | 316.1 |
| 57.5° | 1559.1 | 1416.2 | 1282.5 | 1151.8 | 1024.2 | 908.7  | 802.3  | 699.0  | 580.5  | 458.9 | 340.4 |
| 55°   | 1735.3 | 1559.1 | 1401.0 | 1255.2 | 1115.4 | 975.6  | 860.1  | 753.7  | 626.1  | 492.3 | 367.7 |
| 52.5° | 1920.7 | 1717.1 | 1525.6 | 1361.5 | 1212.6 | 1054.6 | 914.8  | 796.3  | 671.6  | 525.8 | 392.0 |
| 50°   | 2136.5 | 1878.2 | 1665.4 | 1464.9 | 1297.7 | 1133.6 | 972.5  | 844.9  | 717.2  | 565.3 | 416.4 |
| 47.5° | 2358.4 | 2072.7 | 1805.2 | 1586.4 | 1388.9 | 1209.6 | 1039.4 | 887.4  | 759.8  | 601.7 | 440.7 |
| 45°   | 2616.7 | 2258.1 | 1963.3 | 1704.9 | 1477.0 | 1288.6 | 1106.2 | 933.0  | 796.3  | 638.2 | 465.0 |
| 42.5° | 2865.9 | 2476.9 | 2127.4 | 1835.6 | 1577.3 | 1364.6 | 1167.0 | 981.6  | 832.7  | 674.7 | 486.3 |
| 40°   | 3160.7 | 2695.7 | 2285.4 | 1960.2 | 1677.6 | 1437.5 | 1227.8 | 1033.3 | 866.2  | 708.1 | 507.5 |
| 37.5° | 3443.3 | 2917.6 | 2476.9 | 2097.0 | 1774.8 | 1510.4 | 1288.6 | 1081.9 | 896.5  | 741.5 | 534.9 |
| 35°   | 3722.9 | 3163.7 | 2659.2 | 2224.6 | 1875.1 | 1592.5 | 1349.4 | 1127.5 | 926.9  | 768.9 | 559.2 |
| 32.5° | 3990.4 | 3394.7 | 2844.6 | 2367.5 | 1984.5 | 1668.5 | 1404.1 | 1170.1 | 957.3  | 793.2 | 583.5 |
| 30°   | 4239.6 | 3613.5 | 3027.0 | 2513.4 | 2084.8 | 1738.4 | 1455.7 | 1212.6 | 993.8  | 814.5 | 607.8 |
| 27.5° | 4467.5 | 3826.3 | 3209.3 | 2650.1 | 2179.1 | 1802.2 | 1510.4 | 1252.1 | 1024.2 | 835.8 | 629.1 |
| 25°   | 4674.2 | 4017.7 | 3376.5 | 2774.7 | 2264.1 | 1872.1 | 1562.1 | 1291.6 | 1051.5 | 854.0 | 647.3 |
| 22.5° | 4868.7 | 4194.0 | 3528.4 | 2899.3 | 2367.5 | 1942.0 | 1610.7 | 1328.1 | 1078.9 | 872.2 | 665.6 |
| 20°   | 5038.9 | 4355.1 | 3674.3 | 3023.9 | 2458.7 | 2005.8 | 1653.3 | 1361.5 | 1103.2 | 884.4 | 683.8 |
| 17.5° | 5175.6 | 4497.9 | 3805.0 | 3133.3 | 2537.7 | 2060.5 | 1689.8 | 1391.9 | 1124.5 | 899.6 | 696.0 |
| 15°   | 5297.2 | 4619.5 | 3914.4 | 3227.6 | 2607.6 | 2106.1 | 1723.2 | 1416.2 | 1142.7 | 908.7 | 711.2 |
| 12.5° | 5400.5 | 4722.8 | 4008.6 | 3309.6 | 2668.4 | 2145.6 | 1750.5 | 1434.5 | 1157.9 | 917.8 | 720.3 |
| 10°   | 5485.6 | 4804.9 | 4087.6 | 3373.4 | 2717.0 | 2176.0 | 1771.8 | 1452.7 | 1170.1 | 926.9 | 729.4 |
| 7.5°  | 5549.4 | 4865.6 | 4145.4 | 3428.1 | 2756.5 | 2197.3 | 1790.0 | 1464.9 | 1182.2 | 933.0 | 744.6 |
| 5°    | 5598.1 | 4917.3 | 4191.0 | 3464.6 | 2786.9 | 2227.7 | 1811.3 | 1480.1 | 1194.4 | 939.1 | 744.6 |
| 2.5°  | 5634.5 | 4959.9 | 4227.4 | 3495.0 | 2811.2 | 2221.6 | 1811.3 | 1477.0 | 1194.4 | 939.1 | 741.5 |
| 0°    | 5628.5 | 4962.9 | 4224.4 | 3495.0 | 2811.2 | 2215.5 | 1811.3 | 1474.0 | 1194.4 | 939.1 | 741.5 |



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 CATALOG NUMBER: IFLD-L-SA7C-927-U-LAM

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 21.3  | 15.2  | 6.1   | 0.0 |
| 85°   | 45.6  | 30.4  | 15.2  | 0.0 |
| 82.5° | 66.9  | 42.5  | 21.3  | 0.0 |
| 80°   | 88.1  | 57.7  | 27.4  | 0.0 |
| 77.5° | 112.4 | 72.9  | 36.5  | 0.0 |
| 75°   | 133.7 | 85.1  | 42.5  | 0.0 |
| 72.5° | 155.0 | 100.3 | 48.6  | 0.0 |
| 70°   | 173.2 | 112.4 | 54.7  | 0.0 |
| 67.5° | 191.5 | 127.6 | 63.8  | 0.0 |
| 65°   | 206.7 | 139.8 | 69.9  | 0.0 |
| 62.5° | 218.8 | 155.0 | 76.0  | 0.0 |
| 60°   | 234.0 | 167.2 | 82.1  | 0.0 |
| 57.5° | 246.2 | 176.3 | 88.1  | 0.0 |
| 55°   | 258.3 | 182.3 | 94.2  | 0.0 |
| 52.5° | 270.5 | 191.5 | 100.3 | 0.0 |
| 50°   | 282.6 | 200.6 | 106.4 | 0.0 |
| 47.5° | 294.8 | 206.7 | 109.4 | 0.0 |
| 45°   | 313.0 | 215.8 | 115.5 | 0.0 |
| 42.5° | 328.2 | 221.9 | 121.6 | 0.0 |
| 40°   | 343.4 | 227.9 | 124.6 | 0.0 |
| 37.5° | 358.6 | 234.0 | 130.7 | 0.0 |
| 35°   | 373.8 | 240.1 | 133.7 | 0.0 |
| 32.5° | 386.0 | 246.2 | 136.8 | 0.0 |
| 30°   | 398.1 | 252.2 | 139.8 | 0.0 |
| 27.5° | 410.3 | 255.3 | 142.8 | 0.0 |
| 25°   | 419.4 | 261.4 | 145.9 | 0.0 |
| 22.5° | 428.5 | 264.4 | 148.9 | 0.0 |
| 20°   | 434.6 | 267.4 | 152.0 | 0.0 |
| 17.5° | 443.7 | 270.5 | 155.0 | 0.0 |
| 15°   | 446.8 | 273.5 | 161.1 | 0.0 |
| 12.5° | 452.8 | 276.6 | 161.1 | 0.0 |
| 10°   | 455.9 | 279.6 | 161.1 | 0.0 |
| 7.5°  | 461.9 | 279.6 | 161.1 | 0.0 |
| 5°    | 458.9 | 279.6 | 161.1 | 0.0 |
| 2.5°  | 458.9 | 279.6 | 161.1 | 0.0 |
| 0°    | 455.9 | 279.6 | 161.1 | 0.0 |

(END OF REPORT)