

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: P623836

Luminaire Tested: **IFLD-L-SA8A-722-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623836  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8A-722-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (128) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

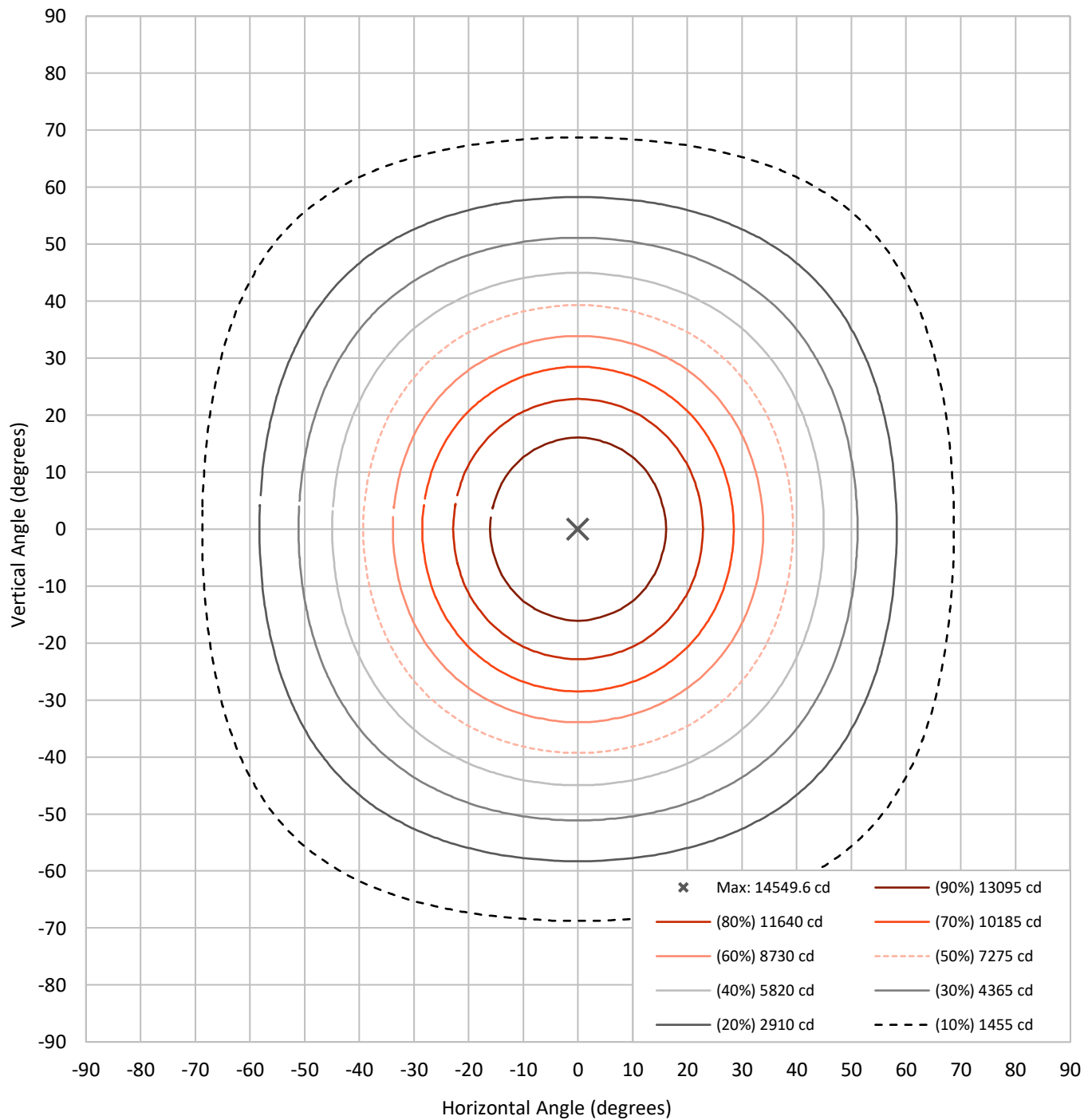
|                   |                                    |                      |                   |
|-------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens: | 26196.8 lumens                     | Max Intensity:       | 14549.6 candela   |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:         | 105.7 lumens/watt                  |                      |                   |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                   |
| Beam Angle (50%): | 78.6°H x 78.6°V                    | Field Angle (10%):   | 137.5°H x 137.5°V |
| Beam Lumens:      | 11335.1 lumens                     | Field Lumens:        | 18560.8 lumens    |
| Beam Efficiency:  | 43.3%                              | Field Efficiency:    | 70.9%             |

Input Watts (W): 247.8  
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



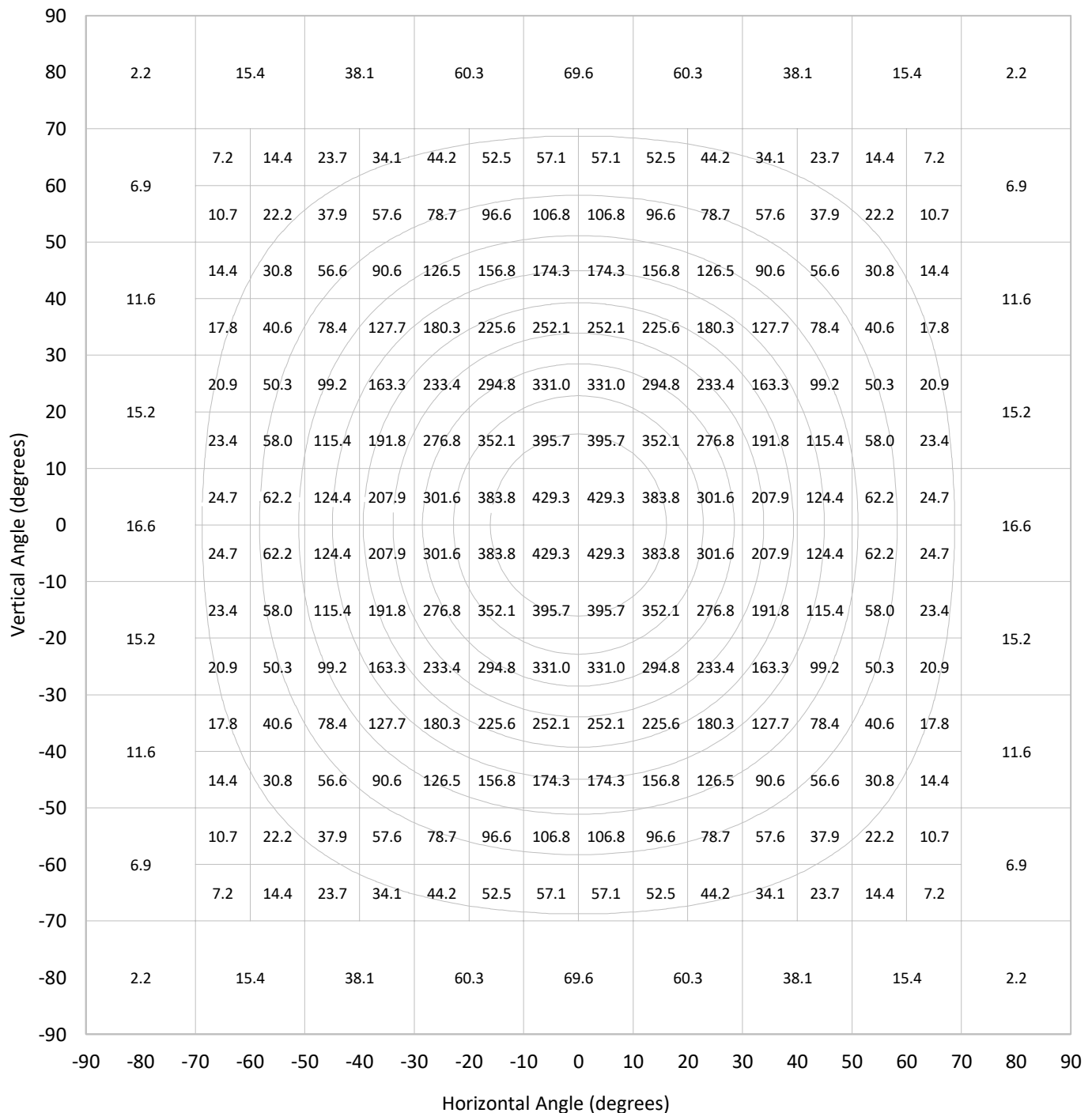
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## Iso-Candela Plot



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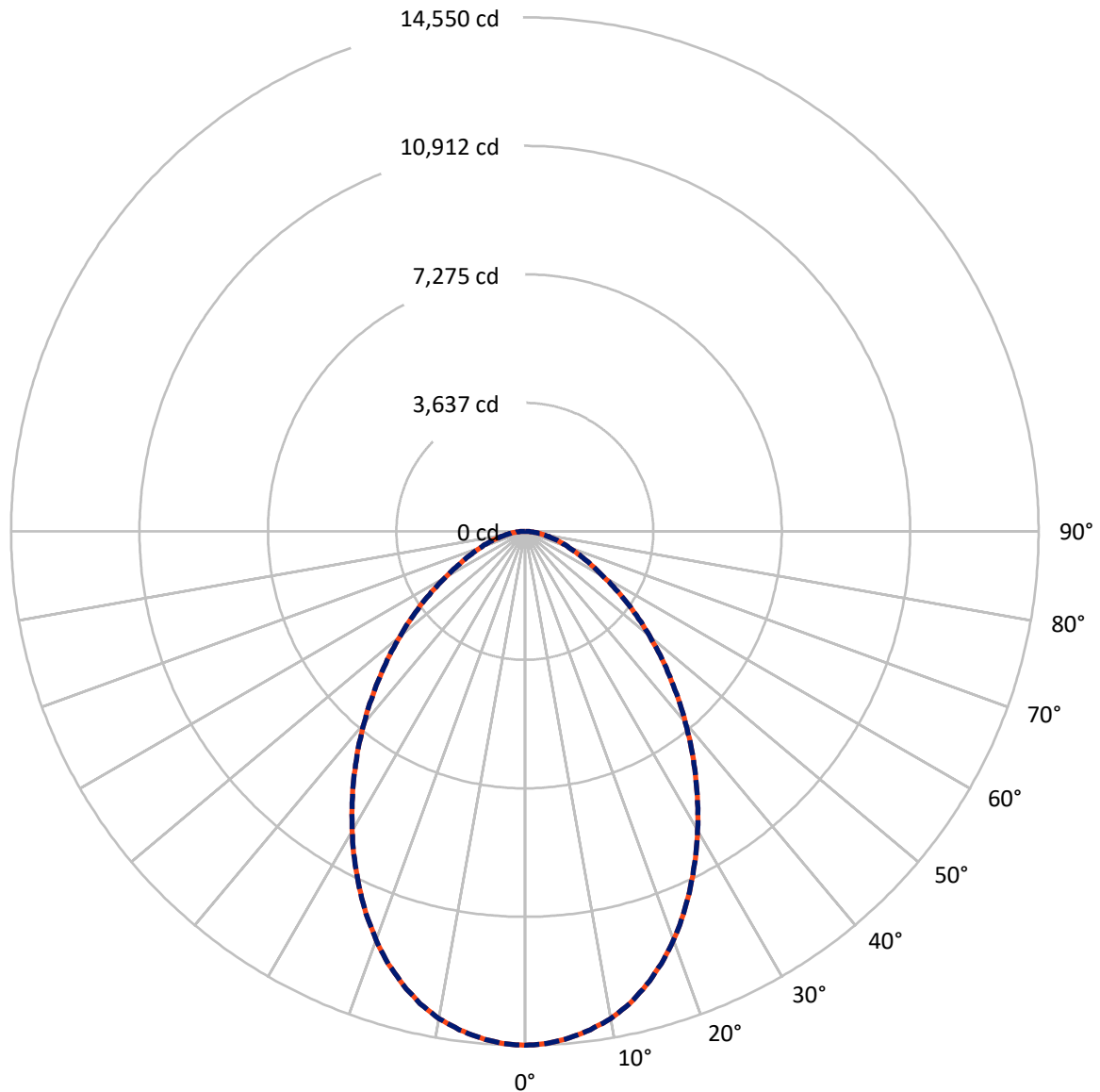
## Lumen Table



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## Luminous Intensity Polar Plot

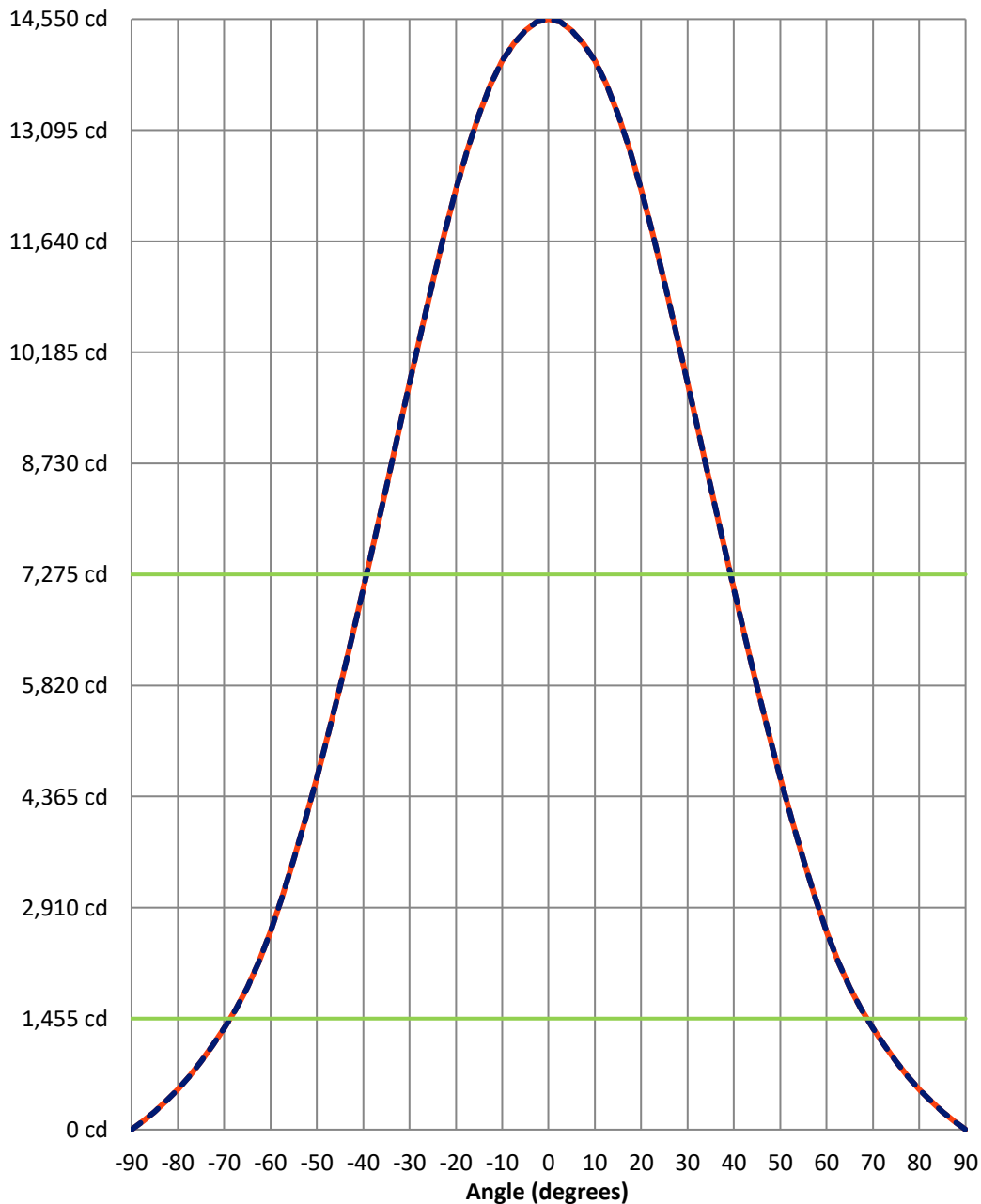


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 11335.1  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 18560.8  
Efficiency: 70.9%

**Spill:**

Lumens: 7636  
Efficiency: 29.1%

— Vertical Distribution through 0-Deg  
- - - Horizontal Distribution through 0-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° | 112.0   | 112.0   | 112.0   | 112.0   | 112.0   | 112.0   | 112.0   | 106.5   | 106.5   | 103.8   | 101.1   |
| 85°   | 234.9   | 234.9   | 234.9   | 234.9   | 234.9   | 229.4   | 226.7   | 224.0   | 221.2   | 215.8   | 213.0   |
| 82.5° | 376.9   | 376.9   | 376.9   | 376.9   | 371.5   | 366.0   | 363.3   | 357.8   | 352.3   | 344.1   | 335.9   |
| 80°   | 527.1   | 527.1   | 527.1   | 527.1   | 518.9   | 513.5   | 505.3   | 499.8   | 491.6   | 480.7   | 469.8   |
| 77.5° | 699.2   | 699.2   | 699.2   | 691.0   | 685.6   | 677.4   | 669.2   | 658.2   | 647.3   | 633.7   | 617.3   |
| 75°   | 893.1   | 893.1   | 893.1   | 882.2   | 874.0   | 865.8   | 852.2   | 838.5   | 822.1   | 803.0   | 781.1   |
| 72.5° | 1103.4  | 1103.4  | 1103.4  | 1089.8  | 1081.6  | 1067.9  | 1051.5  | 1032.4  | 1013.3  | 988.7   | 961.4   |
| 70°   | 1330.1  | 1330.1  | 1330.1  | 1313.7  | 1300.1  | 1286.4  | 1264.6  | 1242.7  | 1215.4  | 1188.1  | 1155.3  |
| 67.5° | 1576.0  | 1576.0  | 1576.0  | 1556.8  | 1540.4  | 1521.3  | 1496.7  | 1469.4  | 1436.7  | 1398.4  | 1360.2  |
| 65°   | 1862.7  | 1862.7  | 1851.8  | 1835.4  | 1816.3  | 1789.0  | 1758.9  | 1720.7  | 1679.7  | 1630.6  | 1578.7  |
| 62.5° | 2201.4  | 2201.4  | 2185.0  | 2165.9  | 2141.3  | 2105.8  | 2064.9  | 2015.7  | 1958.3  | 1895.5  | 1832.7  |
| 60°   | 2594.7  | 2594.7  | 2575.6  | 2551.0  | 2515.5  | 2471.8  | 2417.2  | 2354.4  | 2283.4  | 2204.1  | 2127.7  |
| 57.5° | 3048.1  | 3048.1  | 3023.5  | 2990.8  | 2947.1  | 2892.4  | 2824.1  | 2744.9  | 2654.8  | 2556.5  | 2460.9  |
| 55°   | 3539.7  | 3539.7  | 3509.7  | 3471.5  | 3419.6  | 3354.0  | 3272.1  | 3179.2  | 3070.0  | 2958.0  | 2835.1  |
| 52.5° | 4061.4  | 4061.4  | 4025.9  | 3982.2  | 3922.1  | 3845.6  | 3752.8  | 3643.5  | 3517.9  | 3386.8  | 3242.0  |
| 50°   | 4610.4  | 4610.4  | 4569.4  | 4520.3  | 4452.0  | 4361.9  | 4255.3  | 4129.7  | 3990.4  | 3837.5  | 3670.8  |
| 47.5° | 5197.6  | 5197.6  | 5151.2  | 5093.8  | 5011.9  | 4908.1  | 4782.5  | 4637.7  | 4479.3  | 4307.2  | 4118.8  |
| 45°   | 5801.2  | 5801.2  | 5749.4  | 5683.8  | 5593.7  | 5476.2  | 5336.9  | 5197.6  | 4995.5  | 4796.1  | 4577.6  |
| 42.5° | 6429.4  | 6429.4  | 6369.4  | 6295.6  | 6191.8  | 6063.5  | 5905.0  | 5724.8  | 5525.4  | 5301.4  | 5063.8  |
| 40°   | 7082.2  | 7082.2  | 7013.9  | 6929.3  | 6814.6  | 6667.1  | 6489.5  | 6287.4  | 6063.5  | 5814.9  | 5552.7  |
| 37.5° | 7748.7  | 7748.7  | 7672.2  | 7579.3  | 7450.9  | 7287.1  | 7087.7  | 6863.7  | 6612.4  | 6336.6  | 6047.1  |
| 35°   | 8420.6  | 8420.6  | 8335.9  | 8234.8  | 8092.8  | 7912.5  | 7696.8  | 7448.2  | 7169.6  | 6869.2  | 6544.2  |
| 32.5° | 9106.1  | 9106.1  | 9013.2  | 8898.5  | 8737.4  | 8538.0  | 8300.4  | 8030.0  | 7748.7  | 7399.1  | 7044.0  |
| 30°   | 9783.5  | 9783.5  | 9682.4  | 9556.8  | 9384.7  | 9166.2  | 8906.7  | 8609.0  | 8278.5  | 7920.7  | 7538.3  |
| 27.5° | 10449.9 | 10422.6 | 10337.9 | 10204.1 | 10015.6 | 9783.5  | 9502.1  | 9179.8  | 8822.1  | 8428.7  | 8019.1  |
| 25°   | 11105.4 | 11075.4 | 10982.5 | 10835.0 | 10632.9 | 10378.9 | 10075.7 | 9731.6  | 9346.5  | 8931.3  | 8483.4  |
| 22.5° | 11733.6 | 11700.8 | 11602.5 | 11444.1 | 11228.3 | 10952.5 | 10627.4 | 10258.7 | 9849.0  | 9403.8  | 8931.3  |
| 20°   | 12315.4 | 12279.9 | 12178.8 | 12012.2 | 11788.2 | 11496.0 | 11151.8 | 10755.8 | 10318.8 | 9849.0  | 9346.5  |
| 17.5° | 12839.8 | 12804.3 | 12697.7 | 12525.7 | 12315.4 | 11990.3 | 11635.3 | 11217.4 | 10755.8 | 10258.7 | 9731.6  |
| 15°   | 13301.4 | 13263.1 | 13153.9 | 12981.8 | 12741.4 | 12435.5 | 12061.4 | 11635.3 | 11151.8 | 10627.4 | 10075.7 |
| 12.5° | 13694.7 | 13656.4 | 13544.4 | 13372.4 | 13123.8 | 12817.9 | 12435.5 | 11990.3 | 11496.0 | 10952.5 | 10378.9 |
| 10°   | 14006.0 | 13967.8 | 13861.3 | 13697.4 | 13440.7 | 13123.8 | 12741.4 | 12315.4 | 11788.2 | 11228.3 | 10632.9 |
| 7.5°  | 14230.0 | 14194.5 | 14096.2 | 13932.3 | 13697.4 | 13372.4 | 12981.8 | 12525.7 | 12012.2 | 11444.1 | 10835.0 |
| 5°    | 14399.3 | 14358.4 | 14260.0 | 14096.2 | 13861.3 | 13544.4 | 13153.9 | 12697.7 | 12178.8 | 11602.5 | 10982.5 |
| 2.5°  | 14516.8 | 14467.6 | 14358.4 | 14194.5 | 13967.8 | 13656.4 | 13263.1 | 12804.3 | 12279.9 | 11700.8 | 11075.4 |
| 0°    | 14549.6 | 14516.8 | 14399.3 | 14230.0 | 14006.0 | 13694.7 | 13301.4 | 12839.8 | 12315.4 | 11733.6 | 11105.4 |

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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° | 98.3    | 98.3   | 95.6   | 92.9   | 90.1   | 84.7   | 81.9   | 79.2   | 76.5   | 71.0   | 68.3   |
| 85°   | 207.6   | 202.1  | 196.7  | 191.2  | 183.0  | 177.5  | 169.3  | 163.9  | 155.7  | 147.5  | 139.3  |
| 82.5° | 327.8   | 319.6  | 308.6  | 300.4  | 289.5  | 275.9  | 264.9  | 251.3  | 237.6  | 226.7  | 213.0  |
| 80°   | 458.9   | 445.2  | 431.5  | 417.9  | 401.5  | 385.1  | 368.7  | 352.3  | 333.2  | 314.1  | 295.0  |
| 77.5° | 600.9   | 581.8  | 562.6  | 540.8  | 521.7  | 499.8  | 478.0  | 456.1  | 431.5  | 407.0  | 382.4  |
| 75°   | 759.3   | 734.7  | 707.4  | 680.1  | 655.5  | 625.5  | 595.4  | 565.4  | 532.6  | 502.6  | 469.8  |
| 72.5° | 931.4   | 901.3  | 868.5  | 835.8  | 800.3  | 762.0  | 723.8  | 682.8  | 644.6  | 606.3  | 565.4  |
| 70°   | 1117.1  | 1081.6 | 1040.6 | 999.7  | 955.9  | 909.5  | 863.1  | 813.9  | 764.8  | 715.6  | 666.4  |
| 67.5° | 1316.5  | 1272.8 | 1223.6 | 1174.5 | 1119.8 | 1065.2 | 1010.6 | 953.2  | 893.1  | 833.0  | 775.7  |
| 65°   | 1529.5  | 1474.9 | 1417.5 | 1354.7 | 1291.9 | 1229.1 | 1163.5 | 1095.2 | 1027.0 | 955.9  | 893.1  |
| 62.5° | 1767.1  | 1698.9 | 1625.1 | 1548.6 | 1477.6 | 1401.1 | 1330.1 | 1245.5 | 1163.5 | 1084.3 | 1005.1 |
| 60°   | 2043.0  | 1952.9 | 1862.7 | 1767.1 | 1677.0 | 1578.7 | 1491.3 | 1398.4 | 1305.6 | 1215.4 | 1122.6 |
| 57.5° | 2351.6  | 2236.9 | 2127.7 | 2013.0 | 1892.8 | 1783.5 | 1671.5 | 1559.6 | 1455.8 | 1349.3 | 1248.2 |
| 55°   | 2701.2  | 2561.9 | 2425.4 | 2283.4 | 2144.1 | 2007.5 | 1865.5 | 1739.8 | 1611.5 | 1491.3 | 1373.8 |
| 52.5° | 3083.6  | 2925.2 | 2755.9 | 2594.7 | 2417.2 | 2247.8 | 2089.4 | 1931.0 | 1780.8 | 1636.0 | 1502.2 |
| 50°   | 3493.3  | 3307.6 | 3113.7 | 2917.0 | 2714.9 | 2515.5 | 2324.3 | 2138.6 | 1963.8 | 1794.5 | 1636.0 |
| 47.5° | 3919.4  | 3709.1 | 3487.9 | 3263.9 | 3048.1 | 2805.0 | 2575.6 | 2365.3 | 2155.0 | 1963.8 | 1780.8 |
| 45°   | 4356.4  | 4118.8 | 3875.7 | 3621.7 | 3367.7 | 3105.5 | 2851.5 | 2594.7 | 2365.3 | 2138.6 | 1931.0 |
| 42.5° | 4807.1  | 4539.4 | 4269.0 | 3987.7 | 3706.4 | 3419.6 | 3132.8 | 2851.5 | 2575.6 | 2324.3 | 2089.4 |
| 40°   | 5271.4  | 4976.4 | 4667.8 | 4361.9 | 4061.4 | 3733.7 | 3419.6 | 3105.5 | 2805.0 | 2515.5 | 2247.8 |
| 37.5° | 5735.7  | 5413.4 | 5080.2 | 4736.0 | 4391.9 | 4061.4 | 3706.4 | 3367.7 | 3048.1 | 2714.9 | 2417.2 |
| 35°   | 6202.7  | 5847.7 | 5487.2 | 5113.0 | 4736.0 | 4361.9 | 3987.7 | 3621.7 | 3263.9 | 2917.0 | 2594.7 |
| 32.5° | 6672.5  | 6284.7 | 5885.9 | 5487.2 | 5080.2 | 4667.8 | 4269.0 | 3875.7 | 3487.9 | 3113.7 | 2755.9 |
| 30°   | 7134.1  | 6713.5 | 6284.7 | 5847.7 | 5413.4 | 4976.4 | 4539.4 | 4118.8 | 3709.1 | 3307.6 | 2925.2 |
| 27.5° | 7584.8  | 7134.1 | 6672.5 | 6202.7 | 5735.7 | 5271.4 | 4807.1 | 4356.4 | 3919.4 | 3493.3 | 3083.6 |
| 25°   | 8019.1  | 7538.3 | 7044.0 | 6544.2 | 6047.1 | 5552.7 | 5063.8 | 4577.6 | 4118.8 | 3670.8 | 3242.0 |
| 22.5° | 8428.7  | 7920.7 | 7399.1 | 6869.2 | 6336.6 | 5814.9 | 5301.4 | 4796.1 | 4307.2 | 3837.5 | 3386.8 |
| 20°   | 8822.1  | 8278.5 | 7748.7 | 7169.6 | 6612.4 | 6063.5 | 5525.4 | 4995.5 | 4479.3 | 3990.4 | 3517.9 |
| 17.5° | 9179.8  | 8609.0 | 8030.0 | 7448.2 | 6863.7 | 6287.4 | 5724.8 | 5197.6 | 4637.7 | 4129.7 | 3643.5 |
| 15°   | 9502.1  | 8906.7 | 8300.4 | 7696.8 | 7087.7 | 6489.5 | 5905.0 | 5336.9 | 4782.5 | 4255.3 | 3752.8 |
| 12.5° | 9783.5  | 9166.2 | 8538.0 | 7912.5 | 7287.1 | 6667.1 | 6063.5 | 5476.2 | 4908.1 | 4361.9 | 3845.6 |
| 10°   | 10015.6 | 9384.7 | 8737.4 | 8092.8 | 7450.9 | 6814.6 | 6191.8 | 5593.7 | 5011.9 | 4452.0 | 3922.1 |
| 7.5°  | 10204.1 | 9556.8 | 8898.5 | 8234.8 | 7579.3 | 6929.3 | 6295.6 | 5683.8 | 5093.8 | 4520.3 | 3982.2 |
| 5°    | 10337.9 | 9682.4 | 9013.2 | 8335.9 | 7672.2 | 7013.9 | 6369.4 | 5749.4 | 5151.2 | 4569.4 | 4025.9 |
| 2.5°  | 10422.6 | 9783.5 | 9106.1 | 8420.6 | 7748.7 | 7082.2 | 6429.4 | 5801.2 | 5197.6 | 4610.4 | 4061.4 |
| 0°    | 10449.9 | 9783.5 | 9106.1 | 8420.6 | 7748.7 | 7082.2 | 6429.4 | 5801.2 | 5197.6 | 4610.4 | 4061.4 |

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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° | 65.6   | 60.1   | 54.6   | 51.9   | 46.4   | 43.7   | 38.2   | 32.8   | 30.0  | 24.6  | 19.1  |
| 85°   | 131.1  | 120.2  | 112.0  | 103.8  | 95.6   | 84.7   | 76.5   | 68.3   | 57.4  | 49.2  | 38.2  |
| 82.5° | 199.4  | 185.7  | 172.1  | 158.4  | 144.8  | 131.1  | 114.7  | 101.1  | 87.4  | 73.7  | 57.4  |
| 80°   | 275.9  | 254.0  | 234.9  | 215.8  | 196.7  | 177.5  | 155.7  | 136.6  | 114.7 | 95.6  | 76.5  |
| 77.5° | 355.1  | 330.5  | 303.2  | 275.9  | 248.5  | 224.0  | 196.7  | 172.1  | 147.5 | 120.2 | 95.6  |
| 75°   | 439.7  | 407.0  | 376.9  | 341.4  | 308.6  | 273.1  | 240.4  | 207.6  | 177.5 | 147.5 | 114.7 |
| 72.5° | 527.1  | 486.2  | 445.2  | 407.0  | 366.0  | 325.0  | 286.8  | 245.8  | 207.6 | 172.1 | 136.6 |
| 70°   | 617.3  | 568.1  | 518.9  | 472.5  | 426.1  | 376.9  | 333.2  | 286.8  | 240.4 | 196.7 | 155.7 |
| 67.5° | 712.9  | 655.5  | 598.2  | 538.1  | 486.2  | 431.5  | 376.9  | 325.0  | 273.1 | 224.0 | 177.5 |
| 65°   | 816.7  | 748.4  | 677.4  | 614.5  | 546.3  | 486.2  | 426.1  | 366.0  | 308.6 | 248.5 | 196.7 |
| 62.5° | 923.2  | 844.0  | 764.8  | 685.6  | 614.5  | 538.1  | 472.5  | 407.0  | 341.4 | 275.9 | 215.8 |
| 60°   | 1032.4 | 942.3  | 852.2  | 764.8  | 677.4  | 598.2  | 518.9  | 445.2  | 376.9 | 303.2 | 234.9 |
| 57.5° | 1144.4 | 1043.4 | 942.3  | 844.0  | 748.4  | 655.5  | 568.1  | 486.2  | 407.0 | 330.5 | 254.0 |
| 55°   | 1259.1 | 1144.4 | 1032.4 | 923.2  | 816.7  | 712.9  | 617.3  | 527.1  | 439.7 | 355.1 | 275.9 |
| 52.5° | 1373.8 | 1248.2 | 1122.6 | 1005.1 | 893.1  | 775.7  | 666.4  | 565.4  | 469.8 | 382.4 | 295.0 |
| 50°   | 1491.3 | 1349.3 | 1215.4 | 1084.3 | 955.9  | 833.0  | 715.6  | 606.3  | 502.6 | 407.0 | 314.1 |
| 47.5° | 1611.5 | 1455.8 | 1305.6 | 1163.5 | 1027.0 | 893.1  | 764.8  | 644.6  | 532.6 | 431.5 | 333.2 |
| 45°   | 1739.8 | 1559.6 | 1398.4 | 1245.5 | 1095.2 | 953.2  | 813.9  | 682.8  | 565.4 | 456.1 | 352.3 |
| 42.5° | 1865.5 | 1671.5 | 1491.3 | 1330.1 | 1163.5 | 1010.6 | 863.1  | 723.8  | 595.4 | 478.0 | 368.7 |
| 40°   | 2007.5 | 1783.5 | 1578.7 | 1401.1 | 1229.1 | 1065.2 | 909.5  | 762.0  | 625.5 | 499.8 | 385.1 |
| 37.5° | 2144.1 | 1892.8 | 1677.0 | 1477.6 | 1291.9 | 1119.8 | 955.9  | 800.3  | 655.5 | 521.7 | 401.5 |
| 35°   | 2283.4 | 2013.0 | 1767.1 | 1548.6 | 1354.7 | 1174.5 | 999.7  | 835.8  | 680.1 | 540.8 | 417.9 |
| 32.5° | 2425.4 | 2127.7 | 1862.7 | 1625.1 | 1417.5 | 1223.6 | 1040.6 | 868.5  | 707.4 | 562.6 | 431.5 |
| 30°   | 2561.9 | 2236.9 | 1952.9 | 1698.9 | 1474.9 | 1272.8 | 1081.6 | 901.3  | 734.7 | 581.8 | 445.2 |
| 27.5° | 2701.2 | 2351.6 | 2043.0 | 1767.1 | 1529.5 | 1316.5 | 1117.1 | 931.4  | 759.3 | 600.9 | 458.9 |
| 25°   | 2835.1 | 2460.9 | 2127.7 | 1832.7 | 1578.7 | 1360.2 | 1155.3 | 961.4  | 781.1 | 617.3 | 469.8 |
| 22.5° | 2958.0 | 2556.5 | 2204.1 | 1895.5 | 1630.6 | 1398.4 | 1188.1 | 988.7  | 803.0 | 633.7 | 480.7 |
| 20°   | 3070.0 | 2654.8 | 2283.4 | 1958.3 | 1679.7 | 1436.7 | 1215.4 | 1013.3 | 822.1 | 647.3 | 491.6 |
| 17.5° | 3179.2 | 2744.9 | 2354.4 | 2015.7 | 1720.7 | 1469.4 | 1242.7 | 1032.4 | 838.5 | 658.2 | 499.8 |
| 15°   | 3272.1 | 2824.1 | 2417.2 | 2064.9 | 1758.9 | 1496.7 | 1264.6 | 1051.5 | 852.2 | 669.2 | 505.3 |
| 12.5° | 3354.0 | 2892.4 | 2471.8 | 2105.8 | 1789.0 | 1521.3 | 1286.4 | 1067.9 | 865.8 | 677.4 | 513.5 |
| 10°   | 3419.6 | 2947.1 | 2515.5 | 2141.3 | 1816.3 | 1540.4 | 1300.1 | 1081.6 | 874.0 | 685.6 | 518.9 |
| 7.5°  | 3471.5 | 2990.8 | 2551.0 | 2165.9 | 1835.4 | 1556.8 | 1313.7 | 1089.8 | 882.2 | 691.0 | 527.1 |
| 5°    | 3509.7 | 3023.5 | 2575.6 | 2185.0 | 1851.8 | 1576.0 | 1330.1 | 1103.4 | 893.1 | 699.2 | 527.1 |
| 2.5°  | 3539.7 | 3048.1 | 2594.7 | 2201.4 | 1862.7 | 1576.0 | 1330.1 | 1103.4 | 893.1 | 699.2 | 527.1 |
| 0°    | 3539.7 | 3048.1 | 2594.7 | 2201.4 | 1862.7 | 1576.0 | 1330.1 | 1103.4 | 893.1 | 699.2 | 527.1 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 13.7  | 10.9  | 5.5   | 0.0 |
| 85°   | 30.0  | 19.1  | 10.9  | 0.0 |
| 82.5° | 43.7  | 30.0  | 13.7  | 0.0 |
| 80°   | 57.4  | 38.2  | 19.1  | 0.0 |
| 77.5° | 73.7  | 49.2  | 24.6  | 0.0 |
| 75°   | 87.4  | 57.4  | 30.0  | 0.0 |
| 72.5° | 101.1 | 68.3  | 32.8  | 0.0 |
| 70°   | 114.7 | 76.5  | 38.2  | 0.0 |
| 67.5° | 131.1 | 84.7  | 43.7  | 0.0 |
| 65°   | 144.8 | 95.6  | 46.4  | 0.0 |
| 62.5° | 158.4 | 103.8 | 51.9  | 0.0 |
| 60°   | 172.1 | 112.0 | 54.6  | 0.0 |
| 57.5° | 185.7 | 120.2 | 60.1  | 0.0 |
| 55°   | 199.4 | 131.1 | 65.6  | 0.0 |
| 52.5° | 213.0 | 139.3 | 68.3  | 0.0 |
| 50°   | 226.7 | 147.5 | 71.0  | 0.0 |
| 47.5° | 237.6 | 155.7 | 76.5  | 0.0 |
| 45°   | 251.3 | 163.9 | 79.2  | 0.0 |
| 42.5° | 264.9 | 169.3 | 81.9  | 0.0 |
| 40°   | 275.9 | 177.5 | 84.7  | 0.0 |
| 37.5° | 289.5 | 183.0 | 90.1  | 0.0 |
| 35°   | 300.4 | 191.2 | 92.9  | 0.0 |
| 32.5° | 308.6 | 196.7 | 95.6  | 0.0 |
| 30°   | 319.6 | 202.1 | 98.3  | 0.0 |
| 27.5° | 327.8 | 207.6 | 98.3  | 0.0 |
| 25°   | 335.9 | 213.0 | 101.1 | 0.0 |
| 22.5° | 344.1 | 215.8 | 103.8 | 0.0 |
| 20°   | 352.3 | 221.2 | 106.5 | 0.0 |
| 17.5° | 357.8 | 224.0 | 106.5 | 0.0 |
| 15°   | 363.3 | 226.7 | 112.0 | 0.0 |
| 12.5° | 366.0 | 229.4 | 112.0 | 0.0 |
| 10°   | 371.5 | 234.9 | 112.0 | 0.0 |
| 7.5°  | 376.9 | 234.9 | 112.0 | 0.0 |
| 5°    | 376.9 | 234.9 | 112.0 | 0.0 |
| 2.5°  | 376.9 | 234.9 | 112.0 | 0.0 |
| 0°    | 376.9 | 234.9 | 112.0 | 0.0 |

(END OF REPORT)