

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: P624635

Luminaire Tested: **IFLD-L-SA7E-950-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624635  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-950-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (112) 5000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

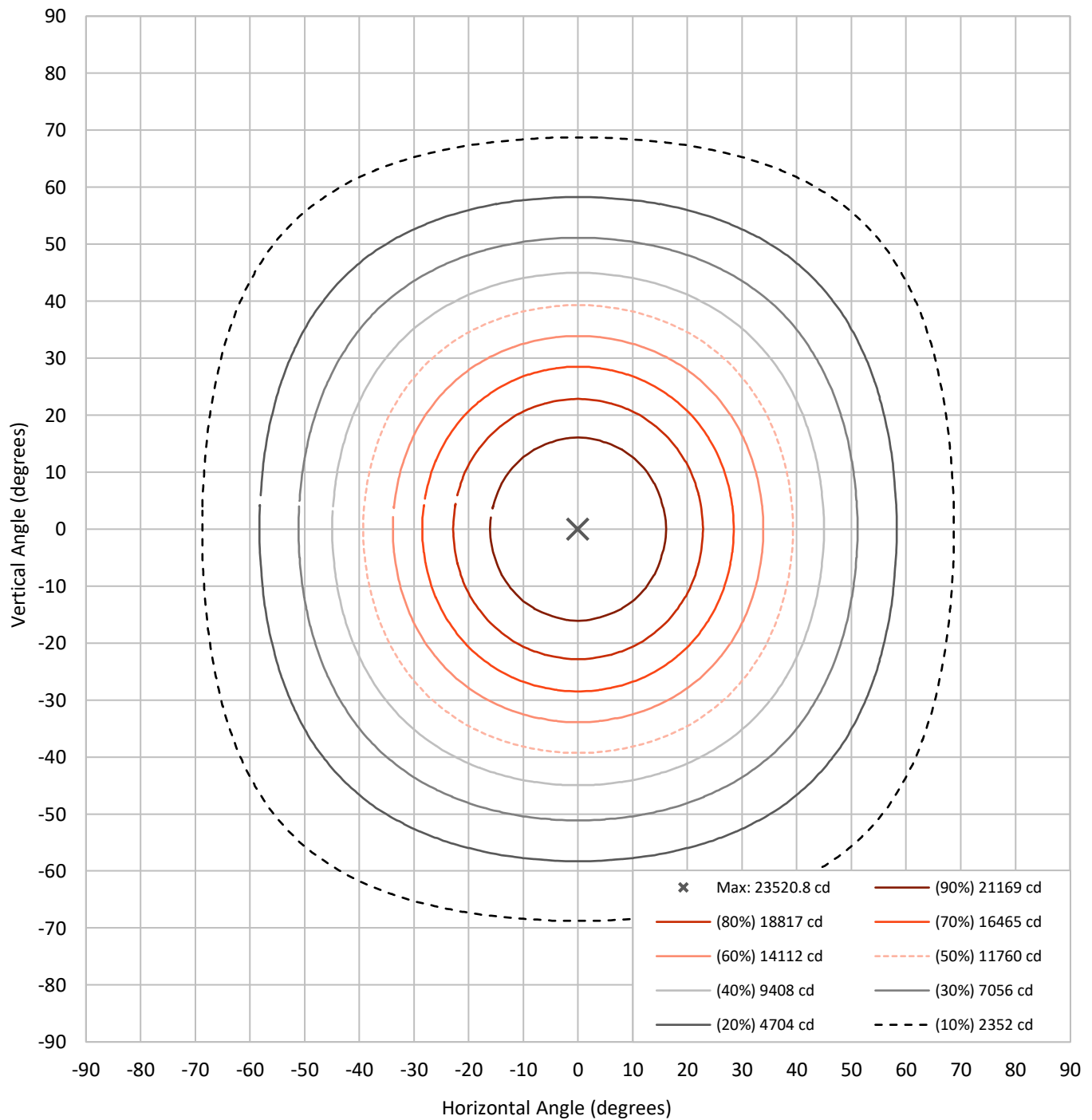
**Summary**

|                                   |                                    |                      |                   |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 42349.7 lumens                     | Max Intensity:       | 23520.8 candela   |
| Efficiency:                       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 79.5 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:                      | 18324.3 lumens                     | Field Lumens:        | 30005.4 lumens    |
| Beam Efficiency:                  | 43.3%                              | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 532.7                              |                      |                   |
| 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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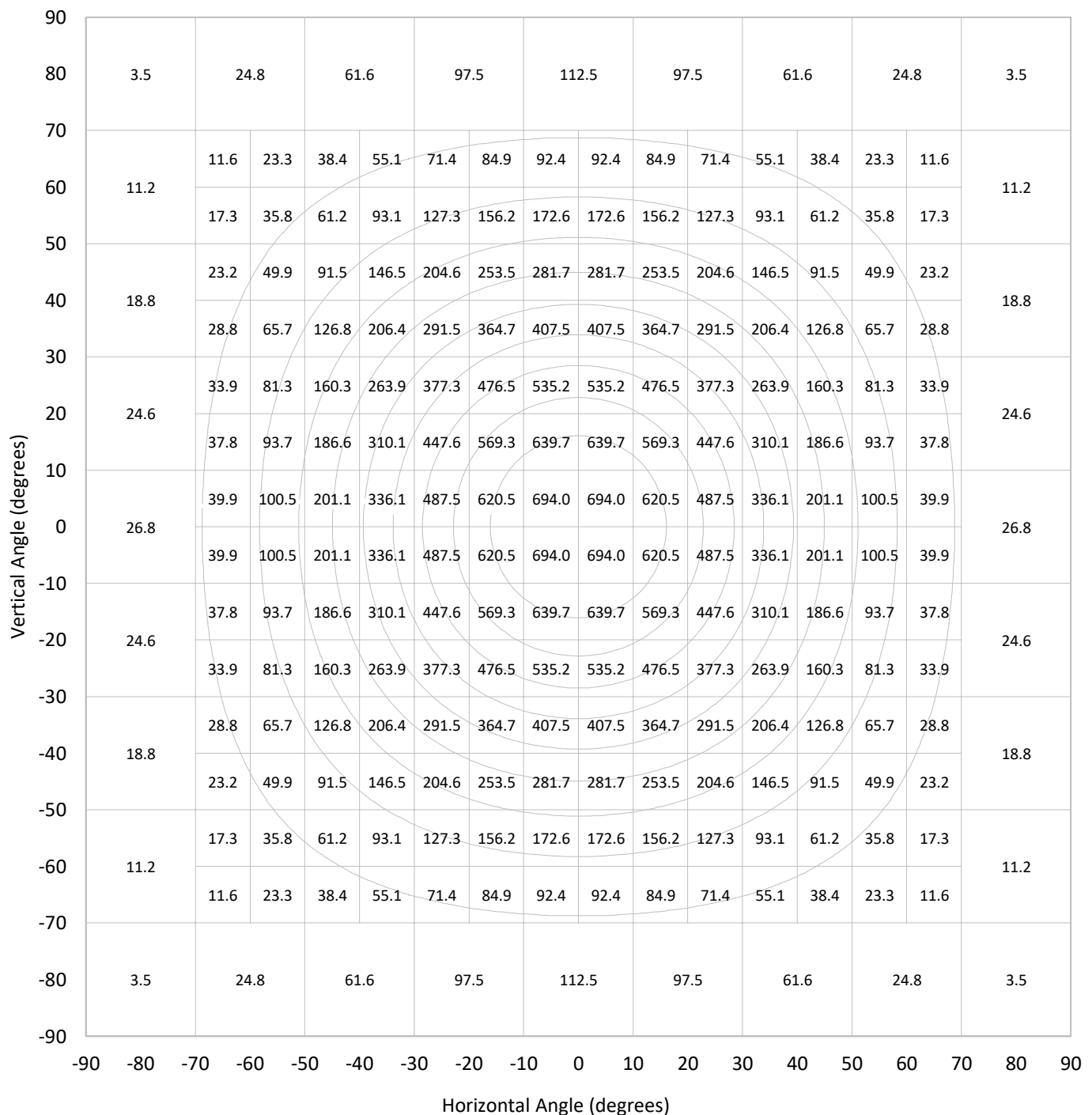
## Iso-Candela Plot



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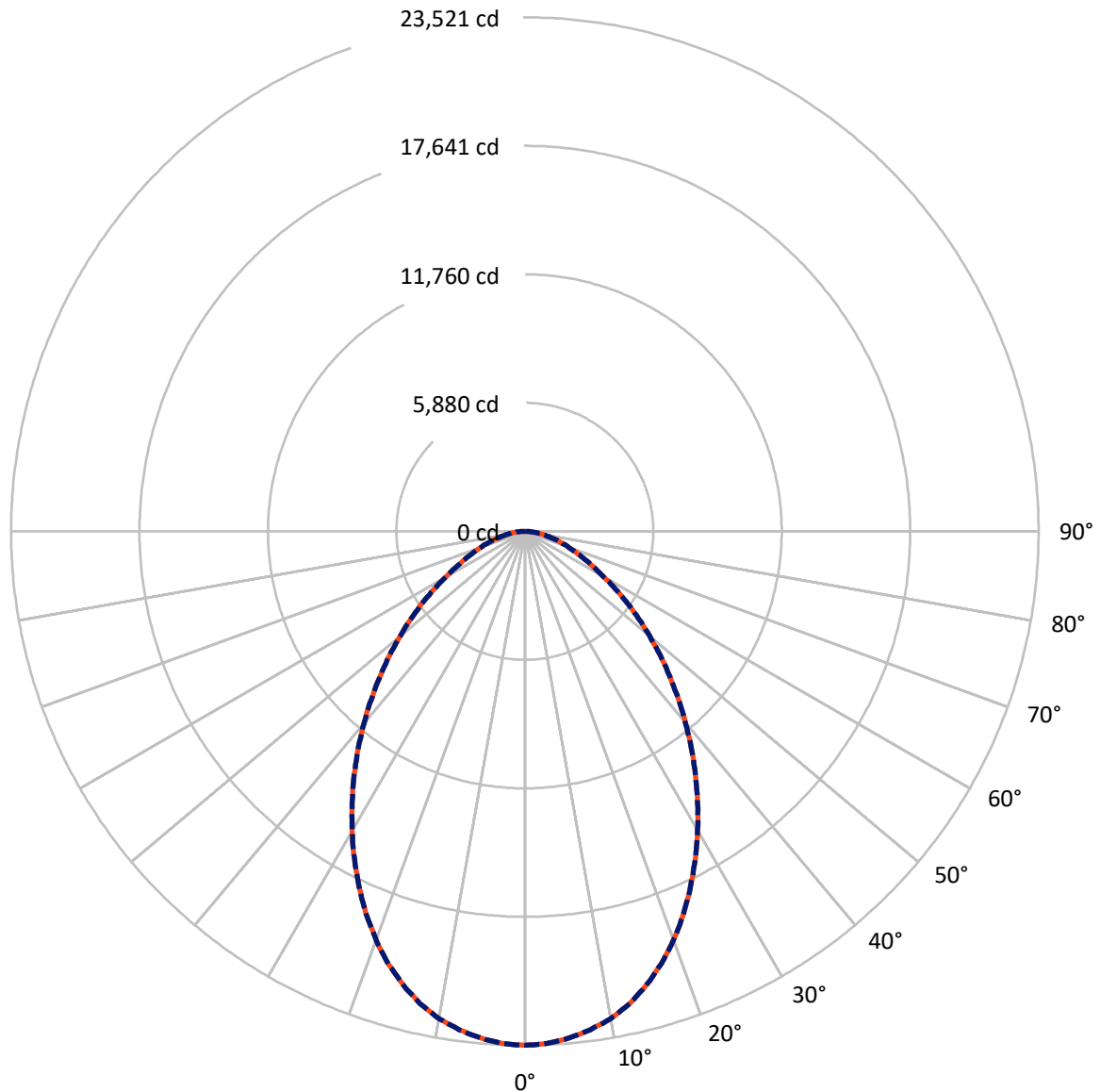
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## Lumen Table



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## Luminous Intensity Polar Plot

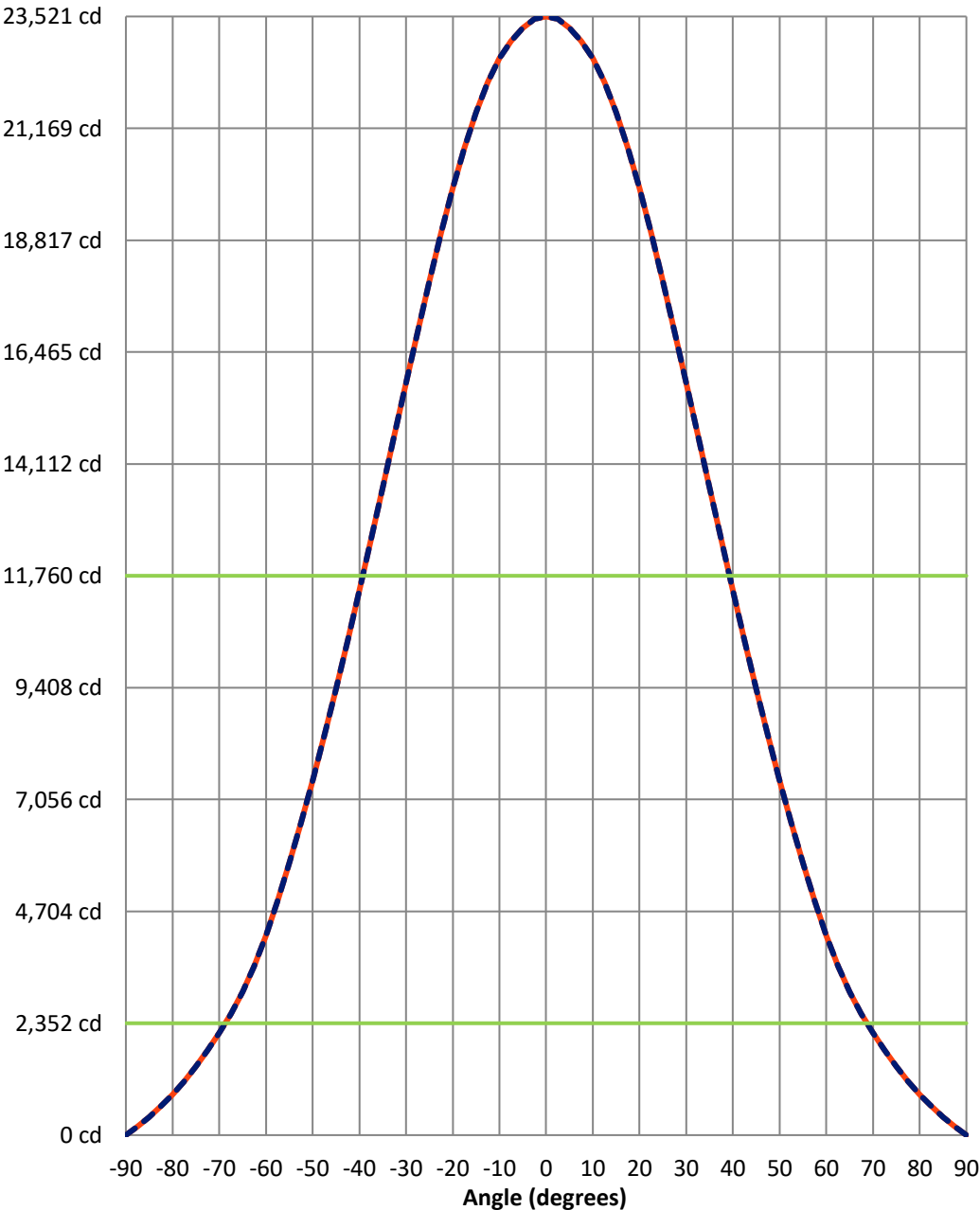


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



**Beam:**  
H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 18324.3  
Efficiency: 43.3%

**Field:**  
H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 30005.4  
Efficiency: 70.9%

**Spill:**  
Lumens: 12344.3  
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° | 181.0   | 181.0   | 181.0   | 181.0   | 181.0   | 181.0   | 181.0   | 172.2   | 172.2   | 167.8   | 163.4   |
| 85°   | 379.7   | 379.7   | 379.7   | 379.7   | 379.7   | 370.9   | 366.5   | 362.1   | 357.6   | 348.8   | 344.4   |
| 82.5° | 609.3   | 609.3   | 609.3   | 609.3   | 600.5   | 591.7   | 587.2   | 578.4   | 569.6   | 556.3   | 543.1   |
| 80°   | 852.2   | 852.2   | 852.2   | 852.2   | 838.9   | 830.1   | 816.8   | 808.0   | 794.8   | 777.1   | 759.4   |
| 77.5° | 1130.3  | 1130.3  | 1130.3  | 1117.1  | 1108.3  | 1095.0  | 1081.8  | 1064.1  | 1046.4  | 1024.4  | 997.9   |
| 75°   | 1443.8  | 1443.8  | 1443.8  | 1426.2  | 1412.9  | 1399.7  | 1377.6  | 1355.5  | 1329.0  | 1298.1  | 1262.8  |
| 72.5° | 1783.8  | 1783.8  | 1783.8  | 1761.7  | 1748.5  | 1726.4  | 1699.9  | 1669.0  | 1638.1  | 1598.4  | 1554.2  |
| 70°   | 2150.3  | 2150.3  | 2150.3  | 2123.8  | 2101.7  | 2079.6  | 2044.3  | 2009.0  | 1964.8  | 1920.7  | 1867.7  |
| 67.5° | 2547.7  | 2547.7  | 2547.7  | 2516.8  | 2490.3  | 2459.4  | 2419.6  | 2375.5  | 2322.5  | 2260.7  | 2198.9  |
| 65°   | 3011.3  | 3011.3  | 2993.6  | 2967.1  | 2936.2  | 2892.1  | 2843.5  | 2781.7  | 2715.5  | 2636.0  | 2552.1  |
| 62.5° | 3558.8  | 3558.8  | 3532.3  | 3501.4  | 3461.7  | 3404.3  | 3338.0  | 3258.6  | 3165.8  | 3064.3  | 2962.7  |
| 60°   | 4194.6  | 4194.6  | 4163.7  | 4124.0  | 4066.6  | 3995.9  | 3907.6  | 3806.1  | 3691.3  | 3563.2  | 3439.6  |
| 57.5° | 4927.6  | 4927.6  | 4887.8  | 4834.8  | 4764.2  | 4675.9  | 4565.5  | 4437.5  | 4291.8  | 4132.8  | 3978.3  |
| 55°   | 5722.3  | 5722.3  | 5673.8  | 5612.0  | 5528.1  | 5422.1  | 5289.6  | 5139.5  | 4962.9  | 4781.9  | 4583.2  |
| 52.5° | 6565.7  | 6565.7  | 6508.3  | 6437.6  | 6340.5  | 6216.9  | 6066.7  | 5890.1  | 5687.0  | 5475.1  | 5241.1  |
| 50°   | 7453.2  | 7453.2  | 7386.9  | 7307.5  | 7197.1  | 7051.4  | 6879.2  | 6676.1  | 6450.9  | 6203.6  | 5934.3  |
| 47.5° | 8402.5  | 8402.5  | 8327.4  | 8234.7  | 8102.2  | 7934.4  | 7731.3  | 7497.3  | 7241.2  | 6963.1  | 6658.4  |
| 45°   | 9378.3  | 9378.3  | 9294.4  | 9188.4  | 9042.7  | 8852.8  | 8627.7  | 8402.5  | 8075.7  | 7753.4  | 7400.2  |
| 42.5° | 10393.8 | 10393.8 | 10296.7 | 10177.5 | 10009.7 | 9802.2  | 9546.1  | 9254.6  | 8932.3  | 8570.3  | 8186.1  |
| 40°   | 11449.1 | 11449.1 | 11338.7 | 11201.8 | 11016.4 | 10778.0 | 10491.0 | 10164.2 | 9802.2  | 9400.4  | 8976.5  |
| 37.5° | 12526.4 | 12526.4 | 12402.8 | 12252.7 | 12045.2 | 11780.2 | 11457.9 | 11095.9 | 10689.6 | 10243.7 | 9775.7  |
| 35°   | 13612.6 | 13612.6 | 13475.8 | 13312.4 | 13082.8 | 12791.4 | 12442.6 | 12040.8 | 11590.4 | 11104.7 | 10579.3 |
| 32.5° | 14720.9 | 14720.9 | 14570.8 | 14385.3 | 14124.8 | 13802.5 | 13418.4 | 12981.2 | 12526.4 | 11961.3 | 11387.3 |
| 30°   | 15815.9 | 15815.9 | 15652.5 | 15449.4 | 15171.3 | 14818.0 | 14398.6 | 13917.3 | 13383.0 | 12804.6 | 12186.5 |
| 27.5° | 16893.3 | 16849.1 | 16712.2 | 16495.9 | 16191.2 | 15815.9 | 15361.1 | 14840.1 | 14261.7 | 13625.9 | 12963.6 |
| 25°   | 17953.0 | 17904.4 | 17754.3 | 17515.8 | 17189.1 | 16778.5 | 16288.4 | 15732.0 | 15109.4 | 14438.3 | 13714.2 |
| 22.5° | 18968.5 | 18915.5 | 18756.6 | 18500.5 | 18151.6 | 17705.7 | 17180.3 | 16584.2 | 15921.9 | 15202.2 | 14438.3 |
| 20°   | 19909.0 | 19851.6 | 19688.2 | 19418.9 | 19056.8 | 18584.4 | 18028.0 | 17387.8 | 16681.3 | 15921.9 | 15109.4 |
| 17.5° | 20756.7 | 20699.3 | 20527.1 | 20249.0 | 19909.0 | 19383.5 | 18809.5 | 18134.0 | 17387.8 | 16584.2 | 15732.0 |
| 15°   | 21502.9 | 21441.1 | 21264.5 | 20986.3 | 20597.8 | 20103.3 | 19498.3 | 18809.5 | 18028.0 | 17180.3 | 16288.4 |
| 12.5° | 22138.7 | 22076.9 | 21895.9 | 21617.7 | 21215.9 | 20721.4 | 20103.3 | 19383.5 | 18584.4 | 17705.7 | 16778.5 |
| 10°   | 22642.1 | 22580.3 | 22408.1 | 22143.2 | 21728.1 | 21215.9 | 20597.8 | 19909.0 | 19056.8 | 18151.6 | 17189.1 |
| 7.5°  | 23004.2 | 22946.8 | 22787.8 | 22522.9 | 22143.2 | 21617.7 | 20986.3 | 20249.0 | 19418.9 | 18500.5 | 17515.8 |
| 5°    | 23277.9 | 23211.7 | 23052.7 | 22787.8 | 22408.1 | 21895.9 | 21264.5 | 20527.1 | 19688.2 | 18756.6 | 17754.3 |
| 2.5°  | 23467.8 | 23388.3 | 23211.7 | 22946.8 | 22580.3 | 22076.9 | 21441.1 | 20699.3 | 19851.6 | 18915.5 | 17904.4 |
| 0°    | 23520.8 | 23467.8 | 23277.9 | 23004.2 | 22642.1 | 22138.7 | 21502.9 | 20756.7 | 19909.0 | 18968.5 | 17953.0 |

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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° | 159.0   | 159.0   | 154.5   | 150.1   | 145.7   | 136.9   | 132.5   | 128.0  | 123.6  | 114.8  | 110.4  |
| 85°   | 335.6   | 326.7   | 317.9   | 309.1   | 295.8   | 287.0   | 273.8   | 264.9  | 251.7  | 238.4  | 225.2  |
| 82.5° | 529.8   | 516.6   | 498.9   | 485.7   | 468.0   | 446.0   | 428.3   | 406.2  | 384.1  | 366.5  | 344.4  |
| 80°   | 741.8   | 719.7   | 697.6   | 675.6   | 649.1   | 622.6   | 596.1   | 569.6  | 538.7  | 507.8  | 476.9  |
| 77.5° | 971.4   | 940.5   | 909.6   | 874.2   | 843.3   | 808.0   | 772.7   | 737.4  | 697.6  | 657.9  | 618.2  |
| 75°   | 1227.5  | 1187.7  | 1143.6  | 1099.4  | 1059.7  | 1011.1  | 962.6   | 914.0  | 861.0  | 812.4  | 759.4  |
| 72.5° | 1505.6  | 1457.1  | 1404.1  | 1351.1  | 1293.7  | 1231.9  | 1170.1  | 1103.8 | 1042.0 | 980.2  | 914.0  |
| 70°   | 1805.9  | 1748.5  | 1682.3  | 1616.0  | 1545.4  | 1470.3  | 1395.3  | 1315.8 | 1236.3 | 1156.8 | 1077.4 |
| 67.5° | 2128.2  | 2057.6  | 1978.1  | 1898.6  | 1810.3  | 1722.0  | 1633.7  | 1541.0 | 1443.8 | 1346.7 | 1254.0 |
| 65°   | 2472.6  | 2384.3  | 2291.6  | 2190.0  | 2088.5  | 1986.9  | 1881.0  | 1770.6 | 1660.2 | 1545.4 | 1443.8 |
| 62.5° | 2856.8  | 2746.4  | 2627.2  | 2503.5  | 2388.7  | 2265.1  | 2150.3  | 2013.4 | 1881.0 | 1752.9 | 1624.9 |
| 60°   | 3302.7  | 3157.0  | 3011.3  | 2856.8  | 2711.0  | 2552.1  | 2410.8  | 2260.7 | 2110.6 | 1964.8 | 1814.7 |
| 57.5° | 3801.6  | 3616.2  | 3439.6  | 3254.1  | 3059.9  | 2883.2  | 2702.2  | 2521.2 | 2353.4 | 2181.2 | 2017.8 |
| 55°   | 4366.8  | 4141.6  | 3920.9  | 3691.3  | 3466.1  | 3245.3  | 3015.7  | 2812.6 | 2605.1 | 2410.8 | 2220.9 |
| 52.5° | 4985.0  | 4728.9  | 4455.1  | 4194.6  | 3907.6  | 3633.9  | 3377.8  | 3121.7 | 2878.8 | 2644.8 | 2428.5 |
| 50°   | 5647.3  | 5347.0  | 5033.5  | 4715.6  | 4388.9  | 4066.6  | 3757.5  | 3457.2 | 3174.7 | 2900.9 | 2644.8 |
| 47.5° | 6336.1  | 5996.1  | 5638.4  | 5276.4  | 4927.6  | 4534.6  | 4163.7  | 3823.7 | 3483.7 | 3174.7 | 2878.8 |
| 45°   | 7042.5  | 6658.4  | 6265.4  | 5854.8  | 5444.2  | 5020.3  | 4609.7  | 4194.6 | 3823.7 | 3457.2 | 3121.7 |
| 42.5° | 7771.1  | 7338.4  | 6901.2  | 6446.5  | 5991.7  | 5528.1  | 5064.4  | 4609.7 | 4163.7 | 3757.5 | 3377.8 |
| 40°   | 8521.7  | 8044.8  | 7545.9  | 7051.4  | 6565.7  | 6035.8  | 5528.1  | 5020.3 | 4534.6 | 4066.6 | 3633.9 |
| 37.5° | 9272.3  | 8751.3  | 8212.6  | 7656.3  | 7099.9  | 6565.7  | 5991.7  | 5444.2 | 4927.6 | 4388.9 | 3907.6 |
| 35°   | 10027.3 | 9453.3  | 8870.5  | 8265.6  | 7656.3  | 7051.4  | 6446.5  | 5854.8 | 5276.4 | 4715.6 | 4194.6 |
| 32.5° | 10786.8 | 10159.8 | 9515.2  | 8870.5  | 8212.6  | 7545.9  | 6901.2  | 6265.4 | 5638.4 | 5033.5 | 4455.1 |
| 30°   | 11533.0 | 10853.0 | 10159.8 | 9453.3  | 8751.3  | 8044.8  | 7338.4  | 6658.4 | 5996.1 | 5347.0 | 4728.9 |
| 27.5° | 12261.5 | 11533.0 | 10786.8 | 10027.3 | 9272.3  | 8521.7  | 7771.1  | 7042.5 | 6336.1 | 5647.3 | 4985.0 |
| 25°   | 12963.6 | 12186.5 | 11387.3 | 10579.3 | 9775.7  | 8976.5  | 8186.1  | 7400.2 | 6658.4 | 5934.3 | 5241.1 |
| 22.5° | 13625.9 | 12804.6 | 11961.3 | 11104.7 | 10243.7 | 9400.4  | 8570.3  | 7753.4 | 6963.1 | 6203.6 | 5475.1 |
| 20°   | 14261.7 | 13383.0 | 12526.4 | 11590.4 | 10689.6 | 9802.2  | 8932.3  | 8075.7 | 7241.2 | 6450.9 | 5687.0 |
| 17.5° | 14840.1 | 13917.3 | 12981.2 | 12040.8 | 11095.9 | 10164.2 | 9254.6  | 8402.5 | 7497.3 | 6676.1 | 5890.1 |
| 15°   | 15361.1 | 14398.6 | 13418.4 | 12442.6 | 11457.9 | 10491.0 | 9546.1  | 8627.7 | 7731.3 | 6879.2 | 6066.7 |
| 12.5° | 15815.9 | 14818.0 | 13802.5 | 12791.4 | 11780.2 | 10778.0 | 9802.2  | 8852.8 | 7934.4 | 7051.4 | 6216.9 |
| 10°   | 16191.2 | 15171.3 | 14124.8 | 13082.8 | 12045.2 | 11016.4 | 10009.7 | 9042.7 | 8102.2 | 7197.1 | 6340.5 |
| 7.5°  | 16495.9 | 15449.4 | 14385.3 | 13312.4 | 12252.7 | 11201.8 | 10177.5 | 9188.4 | 8234.7 | 7307.5 | 6437.6 |
| 5°    | 16712.2 | 15652.5 | 14570.8 | 13475.8 | 12402.8 | 11338.7 | 10296.7 | 9294.4 | 8327.4 | 7386.9 | 6508.3 |
| 2.5°  | 16849.1 | 15815.9 | 14720.9 | 13612.6 | 12526.4 | 11449.1 | 10393.8 | 9378.3 | 8402.5 | 7453.2 | 6565.7 |
| 0°    | 16893.3 | 15815.9 | 14720.9 | 13612.6 | 12526.4 | 11449.1 | 10393.8 | 9378.3 | 8402.5 | 7453.2 | 6565.7 |



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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° | 106.0  | 97.1   | 88.3   | 83.9   | 75.1   | 70.6   | 61.8   | 53.0   | 48.6   | 39.7   | 30.9  |
| 85°   | 211.9  | 194.3  | 181.0  | 167.8  | 154.5  | 136.9  | 123.6  | 110.4  | 92.7   | 79.5   | 61.8  |
| 82.5° | 322.3  | 300.2  | 278.2  | 256.1  | 234.0  | 211.9  | 185.4  | 163.4  | 141.3  | 119.2  | 92.7  |
| 80°   | 446.0  | 410.6  | 379.7  | 348.8  | 317.9  | 287.0  | 251.7  | 220.8  | 185.4  | 154.5  | 123.6 |
| 77.5° | 574.0  | 534.3  | 490.1  | 446.0  | 401.8  | 362.1  | 317.9  | 278.2  | 238.4  | 194.3  | 154.5 |
| 75°   | 710.9  | 657.9  | 609.3  | 551.9  | 498.9  | 441.5  | 388.6  | 335.6  | 287.0  | 238.4  | 185.4 |
| 72.5° | 852.2  | 785.9  | 719.7  | 657.9  | 591.7  | 525.4  | 463.6  | 397.4  | 335.6  | 278.2  | 220.8 |
| 70°   | 997.9  | 918.4  | 838.9  | 763.9  | 688.8  | 609.3  | 538.7  | 463.6  | 388.6  | 317.9  | 251.7 |
| 67.5° | 1152.4 | 1059.7 | 967.0  | 869.8  | 785.9  | 697.6  | 609.3  | 525.4  | 441.5  | 362.1  | 287.0 |
| 65°   | 1320.2 | 1209.8 | 1095.0 | 993.5  | 883.1  | 785.9  | 688.8  | 591.7  | 498.9  | 401.8  | 317.9 |
| 62.5° | 1492.4 | 1364.4 | 1236.3 | 1108.3 | 993.5  | 869.8  | 763.9  | 657.9  | 551.9  | 446.0  | 348.8 |
| 60°   | 1669.0 | 1523.3 | 1377.6 | 1236.3 | 1095.0 | 967.0  | 838.9  | 719.7  | 609.3  | 490.1  | 379.7 |
| 57.5° | 1850.0 | 1686.7 | 1523.3 | 1364.4 | 1209.8 | 1059.7 | 918.4  | 785.9  | 657.9  | 534.3  | 410.6 |
| 55°   | 2035.5 | 1850.0 | 1669.0 | 1492.4 | 1320.2 | 1152.4 | 997.9  | 852.2  | 710.9  | 574.0  | 446.0 |
| 52.5° | 2220.9 | 2017.8 | 1814.7 | 1624.9 | 1443.8 | 1254.0 | 1077.4 | 914.0  | 759.4  | 618.2  | 476.9 |
| 50°   | 2410.8 | 2181.2 | 1964.8 | 1752.9 | 1545.4 | 1346.7 | 1156.8 | 980.2  | 812.4  | 657.9  | 507.8 |
| 47.5° | 2605.1 | 2353.4 | 2110.6 | 1881.0 | 1660.2 | 1443.8 | 1236.3 | 1042.0 | 861.0  | 697.6  | 538.7 |
| 45°   | 2812.6 | 2521.2 | 2260.7 | 2013.4 | 1770.6 | 1541.0 | 1315.8 | 1103.8 | 914.0  | 737.4  | 569.6 |
| 42.5° | 3015.7 | 2702.2 | 2410.8 | 2150.3 | 1881.0 | 1633.7 | 1395.3 | 1170.1 | 962.6  | 772.7  | 596.1 |
| 40°   | 3245.3 | 2883.2 | 2552.1 | 2265.1 | 1986.9 | 1722.0 | 1470.3 | 1231.9 | 1011.1 | 808.0  | 622.6 |
| 37.5° | 3466.1 | 3059.9 | 2711.0 | 2388.7 | 2088.5 | 1810.3 | 1545.4 | 1293.7 | 1059.7 | 843.3  | 649.1 |
| 35°   | 3691.3 | 3254.1 | 2856.8 | 2503.5 | 2190.0 | 1898.6 | 1616.0 | 1351.1 | 1099.4 | 874.2  | 675.6 |
| 32.5° | 3920.9 | 3439.6 | 3011.3 | 2627.2 | 2291.6 | 1978.1 | 1682.3 | 1404.1 | 1143.6 | 909.6  | 697.6 |
| 30°   | 4141.6 | 3616.2 | 3157.0 | 2746.4 | 2384.3 | 2057.6 | 1748.5 | 1457.1 | 1187.7 | 940.5  | 719.7 |
| 27.5° | 4366.8 | 3801.6 | 3302.7 | 2856.8 | 2472.6 | 2128.2 | 1805.9 | 1505.6 | 1227.5 | 971.4  | 741.8 |
| 25°   | 4583.2 | 3978.3 | 3439.6 | 2962.7 | 2552.1 | 2198.9 | 1867.7 | 1554.2 | 1262.8 | 997.9  | 759.4 |
| 22.5° | 4781.9 | 4132.8 | 3563.2 | 3064.3 | 2636.0 | 2260.7 | 1920.7 | 1598.4 | 1298.1 | 1024.4 | 777.1 |
| 20°   | 4962.9 | 4291.8 | 3691.3 | 3165.8 | 2715.5 | 2322.5 | 1964.8 | 1638.1 | 1329.0 | 1046.4 | 794.8 |
| 17.5° | 5139.5 | 4437.5 | 3806.1 | 3258.6 | 2781.7 | 2375.5 | 2009.0 | 1669.0 | 1355.5 | 1064.1 | 808.0 |
| 15°   | 5289.6 | 4565.5 | 3907.6 | 3338.0 | 2843.5 | 2419.6 | 2044.3 | 1699.9 | 1377.6 | 1081.8 | 816.8 |
| 12.5° | 5422.1 | 4675.9 | 3995.9 | 3404.3 | 2892.1 | 2459.4 | 2079.6 | 1726.4 | 1399.7 | 1095.0 | 830.1 |
| 10°   | 5528.1 | 4764.2 | 4066.6 | 3461.7 | 2936.2 | 2490.3 | 2101.7 | 1748.5 | 1412.9 | 1108.3 | 838.9 |
| 7.5°  | 5612.0 | 4834.8 | 4124.0 | 3501.4 | 2967.1 | 2516.8 | 2123.8 | 1761.7 | 1426.2 | 1117.1 | 852.2 |
| 5°    | 5673.8 | 4887.8 | 4163.7 | 3532.3 | 2993.6 | 2547.7 | 2150.3 | 1783.8 | 1443.8 | 1130.3 | 852.2 |
| 2.5°  | 5722.3 | 4927.6 | 4194.6 | 3558.8 | 3011.3 | 2547.7 | 2150.3 | 1783.8 | 1443.8 | 1130.3 | 852.2 |
| 0°    | 5722.3 | 4927.6 | 4194.6 | 3558.8 | 3011.3 | 2547.7 | 2150.3 | 1783.8 | 1443.8 | 1130.3 | 852.2 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 22.1  | 17.7  | 8.8   | 0.0 |
| 85°   | 48.6  | 30.9  | 17.7  | 0.0 |
| 82.5° | 70.6  | 48.6  | 22.1  | 0.0 |
| 80°   | 92.7  | 61.8  | 30.9  | 0.0 |
| 77.5° | 119.2 | 79.5  | 39.7  | 0.0 |
| 75°   | 141.3 | 92.7  | 48.6  | 0.0 |
| 72.5° | 163.4 | 110.4 | 53.0  | 0.0 |
| 70°   | 185.4 | 123.6 | 61.8  | 0.0 |
| 67.5° | 211.9 | 136.9 | 70.6  | 0.0 |
| 65°   | 234.0 | 154.5 | 75.1  | 0.0 |
| 62.5° | 256.1 | 167.8 | 83.9  | 0.0 |
| 60°   | 278.2 | 181.0 | 88.3  | 0.0 |
| 57.5° | 300.2 | 194.3 | 97.1  | 0.0 |
| 55°   | 322.3 | 211.9 | 106.0 | 0.0 |
| 52.5° | 344.4 | 225.2 | 110.4 | 0.0 |
| 50°   | 366.5 | 238.4 | 114.8 | 0.0 |
| 47.5° | 384.1 | 251.7 | 123.6 | 0.0 |
| 45°   | 406.2 | 264.9 | 128.0 | 0.0 |
| 42.5° | 428.3 | 273.8 | 132.5 | 0.0 |
| 40°   | 446.0 | 287.0 | 136.9 | 0.0 |
| 37.5° | 468.0 | 295.8 | 145.7 | 0.0 |
| 35°   | 485.7 | 309.1 | 150.1 | 0.0 |
| 32.5° | 498.9 | 317.9 | 154.5 | 0.0 |
| 30°   | 516.6 | 326.7 | 159.0 | 0.0 |
| 27.5° | 529.8 | 335.6 | 159.0 | 0.0 |
| 25°   | 543.1 | 344.4 | 163.4 | 0.0 |
| 22.5° | 556.3 | 348.8 | 167.8 | 0.0 |
| 20°   | 569.6 | 357.6 | 172.2 | 0.0 |
| 17.5° | 578.4 | 362.1 | 172.2 | 0.0 |
| 15°   | 587.2 | 366.5 | 181.0 | 0.0 |
| 12.5° | 591.7 | 370.9 | 181.0 | 0.0 |
| 10°   | 600.5 | 379.7 | 181.0 | 0.0 |
| 7.5°  | 609.3 | 379.7 | 181.0 | 0.0 |
| 5°    | 609.3 | 379.7 | 181.0 | 0.0 |
| 2.5°  | 609.3 | 379.7 | 181.0 | 0.0 |
| 0°    | 609.3 | 379.7 | 181.0 | 0.0 |

(END OF REPORT)