

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P671707

Luminaire Tested: **CCP-SA-2B-760-U-SLL**

Issue Date: 04/16/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P671707  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2B-760-U-SLL  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ SLL  
distribution lens  
Light Source: (32) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5861.4 lumens  
Efficiency: N/A  
Efficacy: 127.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

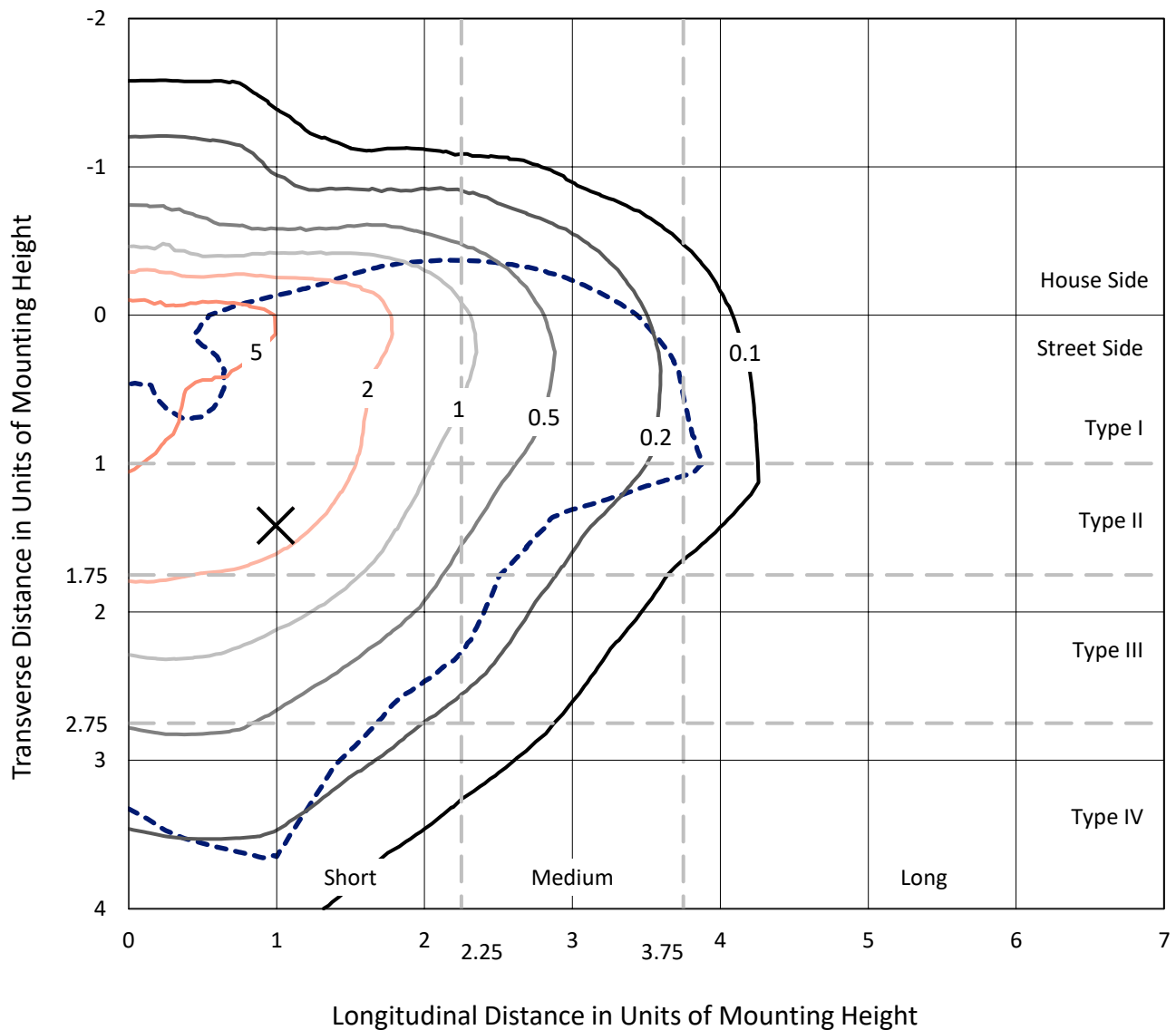
Input Watts (W): 46  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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## Iso-Footcandle Lines of Horizontal Illumination

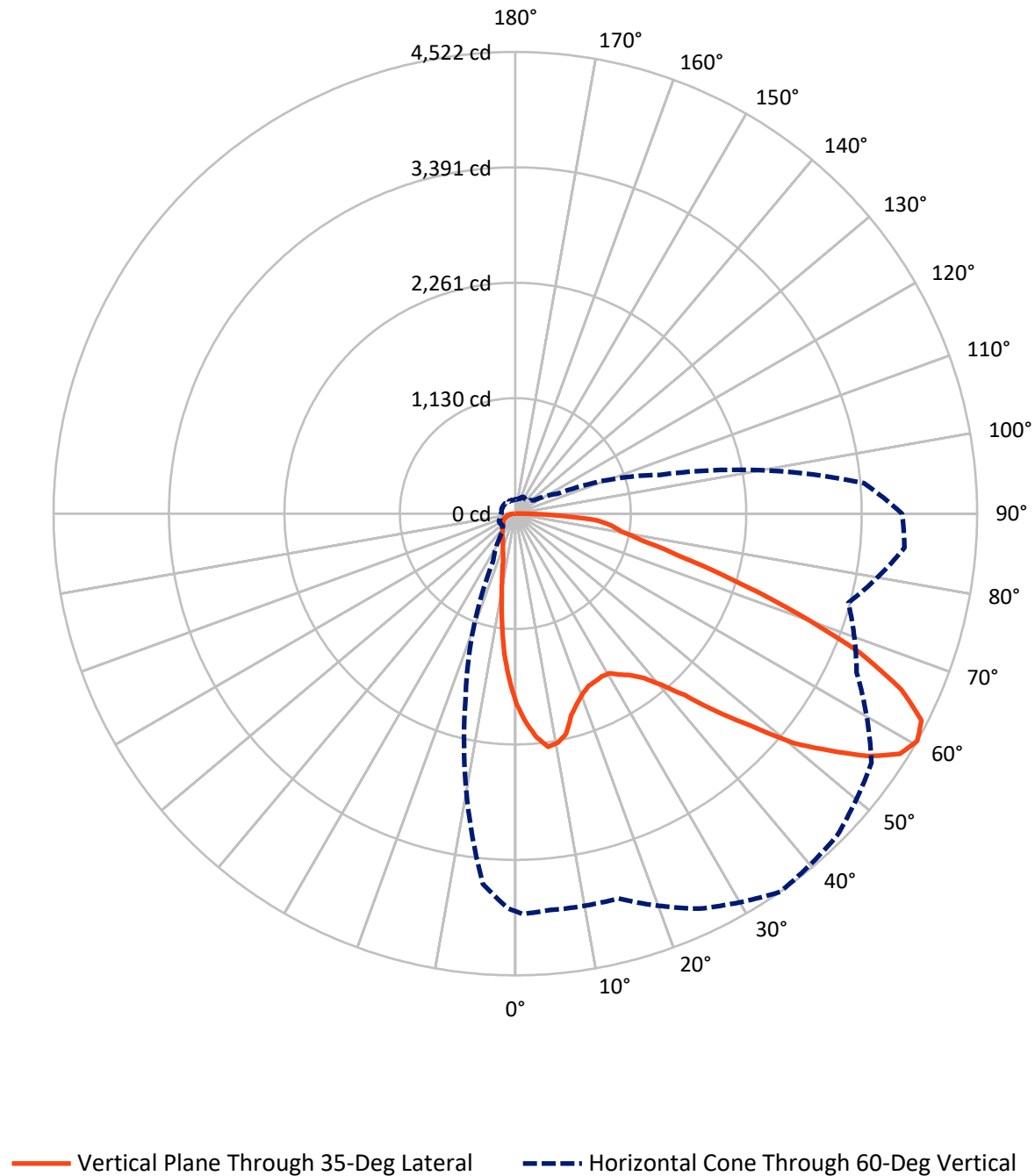
✕ Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 9.5 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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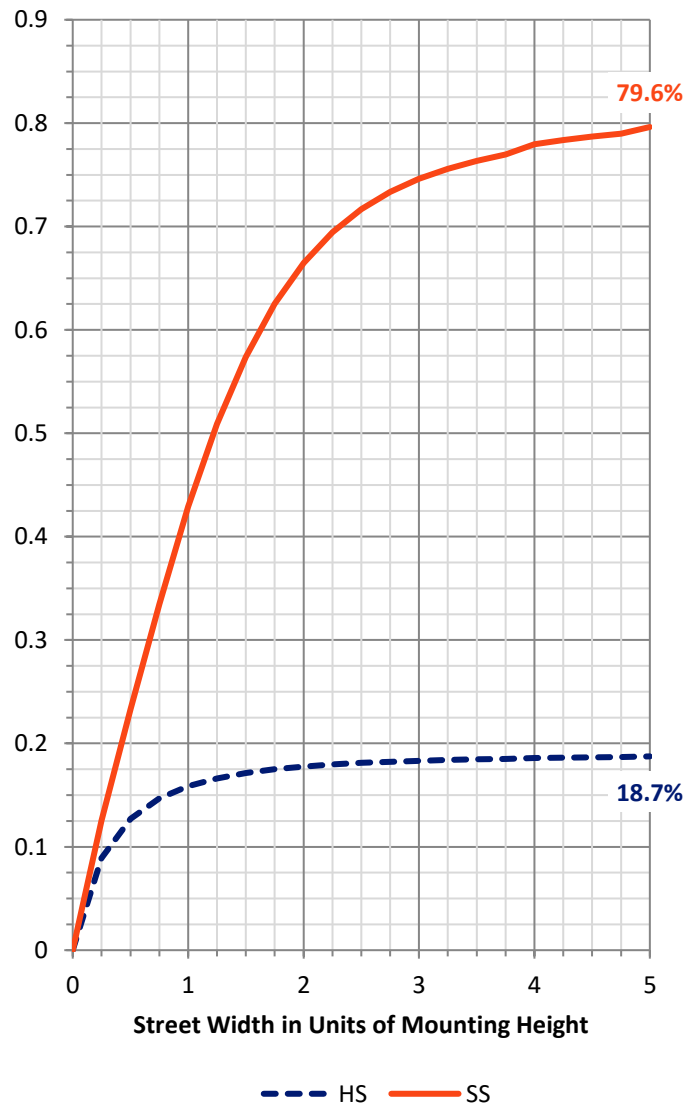
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1115.5   | 0.0    | 1115.5 |
|                    | % Fixture | 19.0     | 0.0    | 19.0   |
| <b>Street Side</b> | Lumens    | 4745.9   | 0.0    | 4745.9 |
|                    | % Fixture | 81.0     | 0.0    | 81.0   |
| <b>Total</b>       | Lumens    | 5861.4   | 0.0    | 5861.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 145.4  | 2.5       |
| 10°-20°   | 307.1  | 5.2       |
| 20°-30°   | 449.3  | 7.7       |
| 30°-40°   | 633.0  | 10.8      |
| 40°-50°   | 869.9  | 14.8      |
| 50°-60°   | 1185.6 | 20.2      |
| 60°-70°   | 1297.6 | 22.1      |
| 70°-80°   | 749.2  | 12.8      |
| 80°-90°   | 224.3  | 3.8       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5861.4 | 100.0     |
| 0°-180°   | 5861.4 | 100.0     |

**Coefficient of Utilization**



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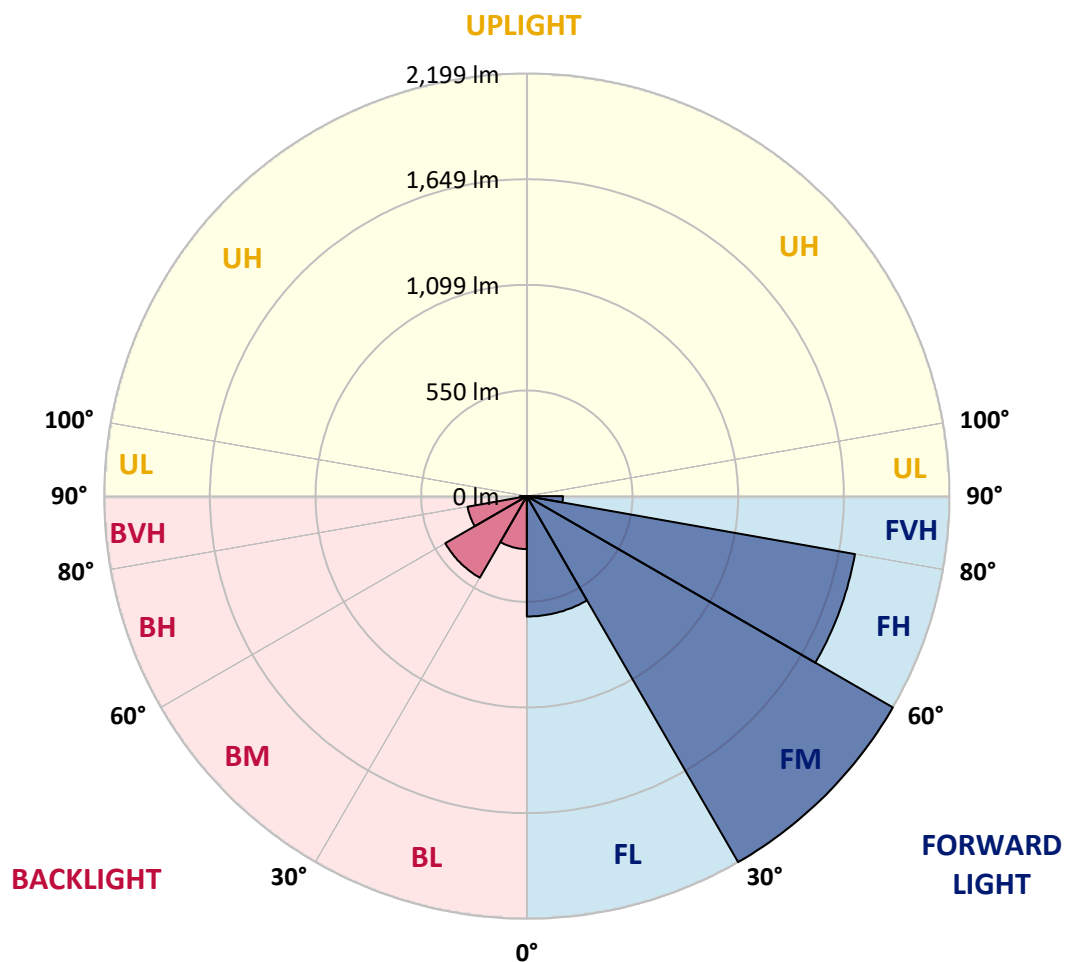
CATALOG NUMBER: CCP-SA-2B-760-U-SLL

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 626.2  | 10.7      |                         |      |         |
| FM   | (30°-60°)   | 2198.5 | 37.5      |                         |      |         |
| FH   | (60°-80°)   | 1733.5 | 29.6      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 187.8  | 3.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 275.6  | 4.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 490.0  | 8.4       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 313.3  | 5.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 36.6   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 |
| 2.5°  | 2004.7 | 1996.9 | 2004.7 | 2033.3 | 2041.1 | 2054.1 | 2054.1 | 2035.9 | 2002.1 | 1986.5 | 1960.5 |
| 5°    | 2048.9 | 2035.9 | 2100.9 | 2160.7 | 2207.5 | 2202.3 | 2158.1 | 2121.7 | 2054.1 | 1952.7 | 1856.5 |
| 7.5°  | 1960.5 | 1973.5 | 2020.3 | 2176.3 | 2285.6 | 2306.4 | 2236.1 | 2163.3 | 2017.7 | 1877.3 | 1747.3 |
| 10°   | 1794.1 | 1812.3 | 1913.7 | 2074.9 | 2246.5 | 2280.4 | 2236.1 | 2147.7 | 1973.5 | 1799.3 | 1648.5 |
| 12.5° | 1713.5 | 1755.1 | 1814.9 | 2009.9 | 2132.1 | 2212.7 | 2191.9 | 2134.7 | 1939.7 | 1734.3 | 1588.7 |
| 15°   | 1713.5 | 1723.9 | 1812.3 | 1976.1 | 2046.3 | 2048.9 | 2056.7 | 2067.1 | 1950.1 | 1762.9 | 1567.9 |
| 17.5° | 1768.1 | 1796.7 | 1872.1 | 1973.5 | 1986.5 | 1955.3 | 1955.3 | 1999.5 | 1970.9 | 1843.5 | 1643.3 |
| 20°   | 1900.7 | 1890.3 | 1989.1 | 2030.7 | 1960.5 | 1882.5 | 1874.7 | 1950.1 | 1994.3 | 1929.3 | 1781.1 |
| 22.5° | 2033.3 | 2080.1 | 2160.7 | 2067.1 | 1937.1 | 1833.1 | 1822.7 | 1916.3 | 2064.5 | 2077.5 | 1939.7 |
| 25°   | 2233.5 | 2280.4 | 2322.0 | 2207.5 | 1934.5 | 1820.1 | 1827.9 | 1900.7 | 2150.3 | 2288.2 | 2204.9 |
| 27.5° | 2449.4 | 2478.0 | 2537.8 | 2361.0 | 1996.9 | 1804.5 | 1812.3 | 1921.5 | 2230.9 | 2426.0 | 2413.0 |
| 30°   | 2571.6 | 2602.8 | 2589.8 | 2389.6 | 2038.5 | 1814.9 | 1794.1 | 1950.1 | 2186.7 | 2426.0 | 2548.2 |
| 32.5° | 2691.2 | 2673.0 | 2665.2 | 2436.4 | 2090.5 | 1879.9 | 1827.9 | 2009.9 | 2212.7 | 2465.0 | 2722.4 |
| 35°   | 2836.8 | 2810.8 | 2790.0 | 2527.4 | 2176.3 | 1942.3 | 1918.9 | 2087.9 | 2270.0 | 2545.6 | 2862.8 |
| 37.5° | 2998.0 | 2998.0 | 2896.6 | 2595.0 | 2277.8 | 2043.7 | 2017.7 | 2199.7 | 2361.0 | 2595.0 | 3055.2 |
| 40°   | 3187.8 | 3195.6 | 3016.2 | 2686.0 | 2392.2 | 2204.9 | 2197.1 | 2345.4 | 2449.4 | 2667.8 | 3239.8 |
| 42.5° | 3328.2 | 3333.4 | 3120.2 | 2719.8 | 2524.8 | 2428.6 | 2462.4 | 2579.4 | 2550.8 | 2732.8 | 3252.8 |
| 45°   | 3424.4 | 3398.4 | 3193.0 | 2816.0 | 2670.4 | 2764.0 | 2774.4 | 2808.2 | 2683.4 | 2771.8 | 3304.8 |
| 47.5° | 3471.2 | 3466.0 | 3224.2 | 2927.8 | 2977.2 | 3104.6 | 3164.4 | 3117.6 | 2805.6 | 2730.2 | 3304.8 |
| 50°   | 3518.0 | 3473.8 | 3252.8 | 3081.2 | 3276.2 | 3533.6 | 3520.6 | 3434.8 | 2974.6 | 2782.2 | 3255.4 |
| 52.5° | 3549.2 | 3510.2 | 3310.0 | 3219.0 | 3562.2 | 3853.5 | 3905.5 | 3746.8 | 3172.2 | 2878.4 | 3278.8 |
| 55°   | 3661.0 | 3629.8 | 3481.6 | 3406.2 | 3892.5 | 4191.5 | 4199.3 | 3978.3 | 3380.2 | 3037.0 | 3432.2 |
| 57.5° | 3796.3 | 3814.5 | 3718.2 | 3671.4 | 4144.7 | 4438.5 | 4409.9 | 4149.9 | 3557.0 | 3229.4 | 3609.0 |
| 60°   | 3892.5 | 3921.1 | 3897.7 | 3902.9 | 4269.5 | 4521.7 | 4456.7 | 4256.5 | 3687.0 | 3375.0 | 3824.9 |
| 62.5° | 3840.5 | 3897.7 | 3993.9 | 3973.1 | 4274.7 | 4461.9 | 4370.9 | 4116.1 | 3702.6 | 3564.8 | 3988.7 |
| 65°   | 3697.4 | 3702.6 | 3889.9 | 4004.3 | 4040.7 | 4152.5 | 4032.9 | 3822.3 | 3541.4 | 3681.8 | 3965.3 |
| 67.5° | 3330.8 | 3372.4 | 3541.4 | 3765.0 | 3611.6 | 3637.6 | 3627.2 | 3323.0 | 3297.0 | 3601.2 | 3785.9 |
| 70°   | 2940.8 | 2969.4 | 3154.0 | 3416.6 | 3050.0 | 2927.8 | 2951.2 | 2725.0 | 2831.6 | 3351.6 | 3424.4 |
| 72.5° | 2431.2 | 2449.4 | 2660.0 | 2891.4 | 2446.8 | 2228.3 | 2283.0 | 2098.3 | 2249.1 | 2933.0 | 2888.8 |
| 75°   | 1835.7 | 1869.5 | 2033.3 | 2306.4 | 1801.9 | 1661.5 | 1716.1 | 1640.7 | 1781.1 | 2415.6 | 2241.3 |
| 77.5° | 1305.3 | 1279.3 | 1482.1 | 1804.5 | 1354.7 | 1271.5 | 1276.7 | 1289.7 | 1440.5 | 2035.9 | 1609.5 |
| 80°   | 889.3  | 897.1  | 1079.1 | 1323.5 | 1063.5 | 1050.5 | 1037.5 | 1141.5 | 1209.1 | 1612.1 | 1170.1 |
| 82.5° | 527.8  | 527.8  | 728.0  | 941.3  | 839.9  | 946.5  | 886.7  | 980.3  | 946.5  | 1185.7 | 767.1  |
| 85°   | 247.0  | 247.0  | 374.4  | 678.6  | 650.0  | 780.1  | 663.0  | 741.0  | 699.4  | 826.9  | 345.8  |
| 87.5° | 41.6   | 36.4   | 75.4   | 332.8  | 267.8  | 304.2  | 119.6  | 395.2  | 439.4  | 577.2  | 85.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 |
| 2.5°  | 1931.9 | 1913.7 | 1877.3 | 1830.5 | 1791.5 | 1742.1 | 1726.5 | 1692.7 | 1645.9 | 1640.7 | 1619.9 |
| 5°    | 1820.1 | 1757.7 | 1679.7 | 1583.5 | 1518.5 | 1450.9 | 1393.7 | 1359.9 | 1320.9 | 1315.7 | 1305.3 |
| 7.5°  | 1697.9 | 1619.9 | 1489.9 | 1375.5 | 1263.7 | 1157.1 | 1105.1 | 1040.1 | 995.9  | 962.1  | 946.5  |
| 10°   | 1583.5 | 1510.7 | 1349.5 | 1193.5 | 1094.7 | 1024.5 | 962.1  | 894.5  | 839.9  | 798.3  | 782.7  |
| 12.5° | 1508.1 | 1422.3 | 1248.1 | 1099.9 | 1027.1 | 946.5  | 876.3  | 803.5  | 733.2  | 678.6  | 650.0  |
| 15°   | 1474.3 | 1393.7 | 1216.9 | 1053.1 | 946.5  | 834.7  | 754.1  | 681.2  | 595.4  | 556.4  | 543.4  |
| 17.5° | 1554.9 | 1435.3 | 1206.5 | 998.5  | 847.7  | 720.2  | 621.4  | 543.4  | 481.0  | 442.0  | 426.4  |
| 20°   | 1658.9 | 1510.7 | 1224.7 | 933.5  | 754.1  | 611.0  | 501.8  | 418.6  | 377.0  | 348.4  | 345.8  |
| 22.5° | 1791.5 | 1622.5 | 1253.3 | 886.7  | 650.0  | 491.4  | 392.6  | 343.2  | 314.6  | 312.0  | 306.8  |
| 25°   | 2028.1 | 1825.3 | 1300.1 | 824.3  | 566.8  | 405.6  | 335.4  | 306.8  | 293.8  | 286.0  | 291.2  |
| 27.5° | 2230.9 | 1957.9 | 1333.9 | 785.3  | 533.0  | 382.2  | 325.0  | 293.8  | 280.8  | 278.2  | 280.8  |
| 30°   | 2350.6 | 2080.1 | 1323.5 | 712.4  | 465.4  | 364.0  | 345.8  | 335.4  | 309.4  | 288.6  | 288.6  |
| 32.5° | 2459.8 | 2158.1 | 1320.9 | 647.4  | 397.8  | 304.2  | 288.6  | 280.8  | 296.4  | 306.8  | 299.0  |
| 35°   | 2610.6 | 2280.4 | 1313.1 | 611.0  | 369.2  | 280.8  | 254.8  | 234.0  | 223.6  | 218.4  | 226.2  |
| 37.5° | 2771.8 | 2363.6 | 1292.3 | 605.8  | 353.6  | 267.8  | 247.0  | 226.2  | 215.8  | 210.6  | 208.0  |
| 40°   | 2948.6 | 2452.0 | 1268.9 | 579.8  | 345.8  | 260.0  | 239.2  | 221.0  | 208.0  | 200.2  | 197.6  |
| 42.5° | 3063.0 | 2522.2 | 1245.5 | 566.8  | 330.2  | 254.8  | 231.4  | 215.8  | 202.8  | 192.4  | 192.4  |
| 45°   | 3128.0 | 2605.4 | 1222.1 | 553.8  | 312.0  | 257.4  | 231.4  | 210.6  | 195.0  | 189.8  | 184.6  |
| 47.5° | 3156.6 | 2667.8 | 1214.3 | 533.0  | 296.4  | 247.0  | 226.2  | 205.4  | 189.8  | 179.4  | 176.8  |
| 50°   | 3232.0 | 2800.4 | 1242.9 | 517.4  | 278.2  | 236.6  | 239.2  | 202.8  | 187.2  | 174.2  | 171.6  |
| 52.5° | 3276.2 | 2907.0 | 1305.3 | 494.0  | 265.2  | 223.6  | 234.0  | 197.6  | 179.4  | 166.4  | 166.4  |
| 55°   | 3437.4 | 3083.8 | 1372.9 | 475.8  | 249.6  | 205.4  | 215.8  | 187.2  | 166.4  | 158.6  | 158.6  |
| 57.5° | 3642.8 | 3271.0 | 1430.1 | 468.0  | 239.2  | 192.4  | 192.4  | 182.0  | 158.6  | 148.2  | 145.6  |
| 60°   | 3785.9 | 3424.4 | 1463.9 | 462.8  | 228.8  | 179.4  | 171.6  | 182.0  | 150.8  | 140.4  | 137.8  |
| 62.5° | 3801.5 | 3336.0 | 1430.1 | 460.2  | 226.2  | 166.4  | 156.0  | 174.2  | 143.0  | 132.6  | 127.4  |
| 65°   | 3702.6 | 3156.6 | 1336.5 | 449.8  | 223.6  | 153.4  | 145.6  | 150.8  | 132.6  | 124.8  | 119.6  |
| 67.5° | 3505.0 | 2865.4 | 1201.3 | 444.6  | 221.0  | 143.0  | 132.6  | 130.0  | 122.2  | 114.4  | 109.2  |
| 70°   | 3044.8 | 2485.8 | 1042.7 | 421.2  | 215.8  | 135.2  | 119.6  | 117.0  | 109.2  | 104.0  | 101.4  |
| 72.5° | 2556.0 | 2033.3 | 860.7  | 390.0  | 205.4  | 122.2  | 109.2  | 104.0  | 101.4  | 93.6   | 91.0   |
| 75°   | 1957.9 | 1565.3 | 689.0  | 345.8  | 179.4  | 109.2  | 96.2   | 91.0   | 88.4   | 83.2   | 80.6   |
| 77.5° | 1375.5 | 1164.9 | 509.6  | 280.8  | 150.8  | 98.8   | 85.8   | 80.6   | 78.0   | 70.2   | 70.2   |
| 80°   | 933.5  | 816.5  | 345.8  | 195.0  | 117.0  | 80.6   | 75.4   | 70.2   | 65.0   | 59.8   | 59.8   |
| 82.5° | 579.8  | 572.0  | 249.6  | 127.4  | 85.8   | 65.0   | 59.8   | 59.8   | 52.0   | 46.8   | 46.8   |
| 85°   | 265.2  | 351.0  | 174.2  | 88.4   | 65.0   | 49.4   | 49.4   | 46.8   | 41.6   | 33.8   | 33.8   |
| 87.5° | 83.2   | 117.0  | 91.0   | 39.0   | 36.4   | 28.6   | 28.6   | 26.0   | 26.0   | 20.8   | 20.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 |
| 2.5°  | 1640.7 | 1638.1 | 1638.1 | 1627.7 | 1653.7 | 1653.7 | 1669.3 | 1656.3 | 1664.1 | 1666.7 | 1687.5 |
| 5°    | 1302.7 | 1323.5 | 1339.1 | 1370.3 | 1388.5 | 1396.3 | 1396.3 | 1417.1 | 1409.3 | 1424.9 | 1456.1 |
| 7.5°  | 954.3  | 980.3  | 1027.1 | 1066.1 | 1097.3 | 1107.7 | 1105.1 | 1110.3 | 1118.1 | 1099.9 | 1105.1 |
| 10°   | 772.3  | 754.1  | 769.7  | 806.1  | 834.7  | 868.5  | 842.5  | 839.9  | 847.7  | 839.9  | 855.5  |
| 12.5° | 644.8  | 624.0  | 611.0  | 611.0  | 631.8  | 647.4  | 639.6  | 652.6  | 681.2  | 689.0  | 707.2  |
| 15°   | 522.6  | 504.4  | 494.0  | 481.0  | 501.8  | 507.0  | 514.8  | 533.0  | 553.8  | 564.2  | 585.0  |
| 17.5° | 418.6  | 418.6  | 418.6  | 408.2  | 416.0  | 423.8  | 426.4  | 449.8  | 452.4  | 462.8  | 470.6  |
| 20°   | 343.2  | 351.0  | 364.0  | 369.2  | 377.0  | 377.0  | 371.8  | 384.8  | 374.4  | 382.2  | 387.4  |
| 22.5° | 309.4  | 319.8  | 325.0  | 327.6  | 338.0  | 340.6  | 327.6  | 330.2  | 332.8  | 325.0  | 327.6  |
| 25°   | 291.2  | 296.4  | 291.2  | 293.8  | 296.4  | 291.2  | 293.8  | 299.0  | 296.4  | 301.6  | 299.0  |
| 27.5° | 283.4  | 278.2  | 275.6  | 273.0  | 273.0  | 267.8  | 270.4  | 270.4  | 275.6  | 278.2  | 278.2  |
| 30°   | 283.4  | 275.6  | 265.2  | 257.4  | 257.4  | 249.6  | 254.8  | 260.0  | 262.6  | 267.8  | 267.8  |
| 32.5° | 291.2  | 275.6  | 257.4  | 249.6  | 241.8  | 236.6  | 241.8  | 249.6  | 260.0  | 262.6  | 265.2  |
| 35°   | 231.4  | 239.2  | 236.6  | 226.2  | 223.6  | 223.6  | 221.0  | 221.0  | 213.2  | 213.2  | 210.6  |
| 37.5° | 208.0  | 205.4  | 210.6  | 213.2  | 215.8  | 208.0  | 208.0  | 197.6  | 195.0  | 197.6  | 197.6  |
| 40°   | 195.0  | 195.0  | 195.0  | 202.8  | 205.4  | 200.2  | 192.4  | 187.2  | 187.2  | 187.2  | 189.8  |
| 42.5° | 189.8  | 184.6  | 182.0  | 187.2  | 195.0  | 189.8  | 182.0  | 179.4  | 179.4  | 182.0  | 182.0  |
| 45°   | 182.0  | 179.4  | 176.8  | 174.2  | 184.6  | 176.8  | 174.2  | 171.6  | 171.6  | 171.6  | 174.2  |
| 47.5° | 174.2  | 171.6  | 166.4  | 166.4  | 169.0  | 166.4  | 163.8  | 163.8  | 163.8  | 169.0  | 169.0  |
| 50°   | 169.0  | 166.4  | 161.2  | 161.2  | 161.2  | 161.2  | 158.6  | 158.6  | 158.6  | 161.2  | 163.8  |
| 52.5° | 161.2  | 158.6  | 156.0  | 153.4  | 153.4  | 153.4  | 153.4  | 153.4  | 153.4  | 156.0  | 158.6  |
| 55°   | 153.4  | 150.8  | 148.2  | 148.2  | 150.8  | 150.8  | 148.2  | 150.8  | 148.2  | 150.8  | 153.4  |
| 57.5° | 145.6  | 143.0  | 140.4  | 143.0  | 145.6  | 143.0  | 143.0  | 143.0  | 143.0  | 143.0  | 145.6  |
| 60°   | 135.2  | 135.2  | 135.2  | 135.2  | 140.4  | 140.4  | 140.4  | 140.4  | 135.2  | 137.8  | 140.4  |
| 62.5° | 130.0  | 127.4  | 127.4  | 130.0  | 132.6  | 132.6  | 135.2  | 132.6  | 130.0  | 132.6  | 132.6  |
| 65°   | 119.6  | 119.6  | 119.6  | 122.2  | 122.2  | 124.8  | 124.8  | 124.8  | 122.2  | 124.8  | 124.8  |
| 67.5° | 111.8  | 111.8  | 111.8  | 111.8  | 117.0  | 117.0  | 117.0  | 117.0  | 114.4  | 114.4  | 117.0  |
| 70°   | 98.8   | 101.4  | 98.8   | 104.0  | 109.2  | 106.6  | 109.2  | 109.2  | 106.6  | 104.0  | 109.2  |
| 72.5° | 91.0   | 91.0   | 91.0   | 91.0   | 98.8   | 98.8   | 98.8   | 101.4  | 98.8   | 96.2   | 98.8   |
| 75°   | 80.6   | 80.6   | 80.6   | 83.2   | 88.4   | 88.4   | 88.4   | 88.4   | 88.4   | 85.8   | 85.8   |
| 77.5° | 70.2   | 72.8   | 70.2   | 72.8   | 78.0   | 75.4   | 78.0   | 80.6   | 78.0   | 75.4   | 75.4   |
| 80°   | 59.8   | 59.8   | 59.8   | 62.4   | 65.0   | 65.0   | 65.0   | 67.6   | 65.0   | 62.4   | 62.4   |
| 82.5° | 46.8   | 46.8   | 49.4   | 49.4   | 52.0   | 52.0   | 52.0   | 54.6   | 52.0   | 49.4   | 49.4   |
| 85°   | 36.4   | 36.4   | 36.4   | 39.0   | 39.0   | 41.6   | 41.6   | 44.2   | 44.2   | 41.6   | 41.6   |
| 87.5° | 23.4   | 20.8   | 23.4   | 23.4   | 26.0   | 26.0   | 23.4   | 20.8   | 23.4   | 20.8   | 18.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 | 1872.1 |
| 2.5°  | 1708.3 | 1755.1 | 1788.9 | 1812.3 | 1846.1 | 1911.1 | 1937.1 | 1983.9 | 1996.9 | 2004.7 |
| 5°    | 1469.1 | 1518.5 | 1591.3 | 1643.3 | 1703.1 | 1825.3 | 1918.9 | 1989.1 | 2020.3 | 2048.9 |
| 7.5°  | 1151.9 | 1216.9 | 1292.3 | 1359.9 | 1458.7 | 1609.5 | 1731.7 | 1877.3 | 1931.9 | 1960.5 |
| 10°   | 899.7  | 959.5  | 1042.7 | 1125.9 | 1263.7 | 1391.1 | 1565.3 | 1697.9 | 1773.3 | 1794.1 |
| 12.5° | 759.3  | 829.5  | 928.3  | 1029.7 | 1115.5 | 1261.1 | 1437.9 | 1630.3 | 1700.5 | 1713.5 |
| 15°   | 644.8  | 741.0  | 842.5  | 946.5  | 1045.3 | 1172.7 | 1362.5 | 1596.5 | 1700.5 | 1713.5 |
| 17.5° | 533.0  | 618.8  | 738.4  | 850.3  | 964.7  | 1138.9 | 1375.5 | 1625.1 | 1729.1 | 1768.1 |
| 20°   | 423.8  | 507.0  | 600.6  | 741.0  | 897.1  | 1081.7 | 1404.1 | 1721.3 | 1859.1 | 1900.7 |
| 22.5° | 351.0  | 387.4  | 478.4  | 613.6  | 798.3  | 1042.7 | 1432.7 | 1872.1 | 2017.7 | 2033.3 |
| 25°   | 306.8  | 332.8  | 390.0  | 517.4  | 720.2  | 1016.7 | 1500.3 | 2046.3 | 2233.5 | 2233.5 |
| 27.5° | 286.0  | 296.4  | 335.4  | 449.8  | 665.6  | 993.3  | 1567.9 | 2238.7 | 2413.0 | 2449.4 |
| 30°   | 280.8  | 306.8  | 327.6  | 400.4  | 605.8  | 928.3  | 1630.3 | 2389.6 | 2569.0 | 2571.6 |
| 32.5° | 275.6  | 270.4  | 286.0  | 348.4  | 533.0  | 860.7  | 1682.3 | 2543.0 | 2683.4 | 2691.2 |
| 35°   | 215.8  | 226.2  | 252.2  | 306.8  | 478.4  | 811.3  | 1708.3 | 2626.2 | 2829.0 | 2836.8 |
| 37.5° | 202.8  | 215.8  | 236.6  | 283.4  | 442.0  | 769.7  | 1716.1 | 2787.4 | 2982.4 | 2998.0 |
| 40°   | 197.6  | 208.0  | 223.6  | 262.6  | 413.4  | 717.6  | 1731.7 | 2953.8 | 3208.6 | 3187.8 |
| 42.5° | 187.2  | 200.2  | 215.8  | 252.2  | 390.0  | 678.6  | 1734.3 | 3044.8 | 3328.2 | 3328.2 |
| 45°   | 184.6  | 192.4  | 210.6  | 252.2  | 364.0  | 644.8  | 1692.7 | 3135.8 | 3466.0 | 3424.4 |
| 47.5° | 174.2  | 189.8  | 205.4  | 244.4  | 332.8  | 611.0  | 1643.3 | 3182.6 | 3484.2 | 3471.2 |
| 50°   | 171.6  | 187.2  | 213.2  | 231.4  | 314.6  | 595.4  | 1632.9 | 3299.6 | 3520.6 | 3518.0 |
| 52.5° | 166.4  | 182.0  | 221.0  | 221.0  | 291.2  | 574.6  | 1682.3 | 3351.6 | 3528.4 | 3549.2 |
| 55°   | 158.6  | 182.0  | 205.4  | 202.8  | 270.4  | 548.6  | 1736.9 | 3486.8 | 3666.2 | 3661.0 |
| 57.5° | 153.4  | 176.8  | 195.0  | 184.6  | 247.0  | 530.4  | 1817.5 | 3616.8 | 3832.7 | 3796.3 |
| 60°   | 145.6  | 176.8  | 174.2  | 171.6  | 228.8  | 514.8  | 1885.1 | 3642.8 | 3869.1 | 3892.5 |
| 62.5° | 140.4  | 184.6  | 153.4  | 158.6  | 213.2  | 507.0  | 1856.5 | 3447.8 | 3819.7 | 3840.5 |
| 65°   | 135.2  | 158.6  | 140.4  | 145.6  | 208.0  | 491.4  | 1744.7 | 3213.8 | 3606.4 | 3697.4 |
| 67.5° | 124.8  | 130.0  | 130.0  | 135.2  | 202.8  | 455.0  | 1515.9 | 2792.6 | 3281.4 | 3330.8 |
| 70°   | 114.4  | 117.0  | 117.0  | 124.8  | 197.6  | 413.4  | 1250.7 | 2415.6 | 2847.2 | 2940.8 |
| 72.5° | 104.0  | 104.0  | 104.0  | 114.4  | 182.0  | 379.6  | 1029.7 | 1856.5 | 2366.2 | 2431.2 |
| 75°   | 91.0   | 91.0   | 91.0   | 101.4  | 163.8  | 345.8  | 811.3  | 1380.7 | 1742.1 | 1835.7 |
| 77.5° | 80.6   | 80.6   | 78.0   | 91.0   | 143.0  | 280.8  | 585.0  | 975.1  | 1227.3 | 1305.3 |
| 80°   | 67.6   | 65.0   | 65.0   | 72.8   | 111.8  | 202.8  | 377.0  | 689.0  | 855.5  | 889.3  |
| 82.5° | 54.6   | 52.0   | 49.4   | 54.6   | 80.6   | 127.4  | 234.0  | 481.0  | 548.6  | 527.8  |
| 85°   | 52.0   | 54.6   | 44.2   | 41.6   | 57.2   | 83.2   | 148.2  | 296.4  | 247.0  | 247.0  |
| 87.5° | 20.8   | 18.2   | 18.2   | 15.6   | 28.6   | 31.2   | 65.0   | 54.6   | 41.6   | 41.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)