

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: P723863

Luminaire Tested: **IFLD-L-SA8C-830-U-11-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723863  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-830-U-11-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor  
Light Source: (128) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                  |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 1H x 1V          |
| Luminaire Lumens: | 21311.9 lumens                     | Max Intensity:       | 501394.4 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 50.7 lumens/watt                   |                      |                  |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                  |

|                   |               |                    |                 |
|-------------------|---------------|--------------------|-----------------|
| Beam Angle (50%): | 9.3°H x 8.8°V | Field Angle (10%): | 15.8°H x 15.3°V |
| Beam Lumens:      | 7728.6 lumens | Field Lumens:      | 12320.9 lumens  |
| Beam Efficiency:  | 36.3%         | Field Efficiency:  | 57.8%           |

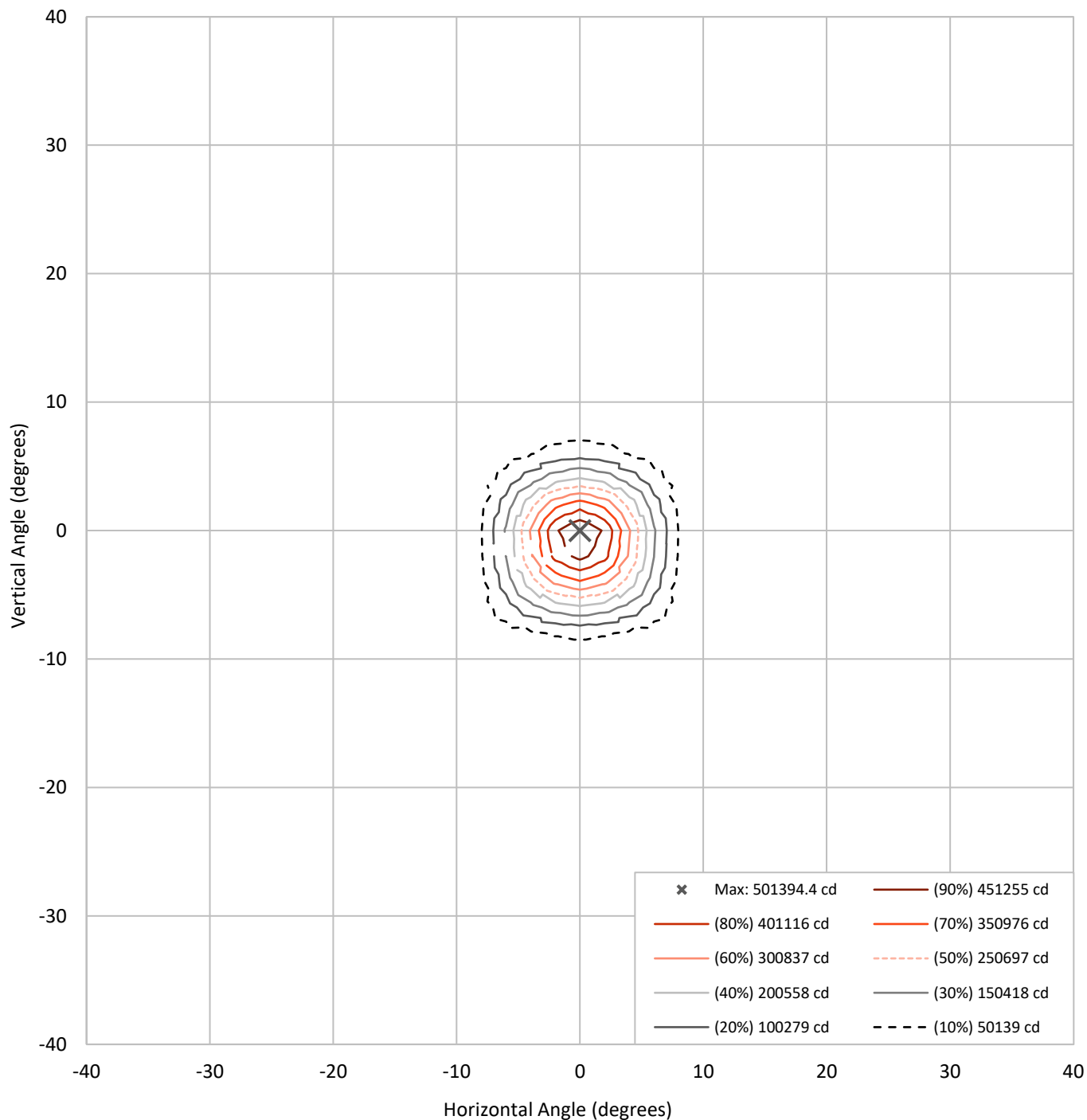
Input Watts (W): 420.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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## Iso-Candela Plot



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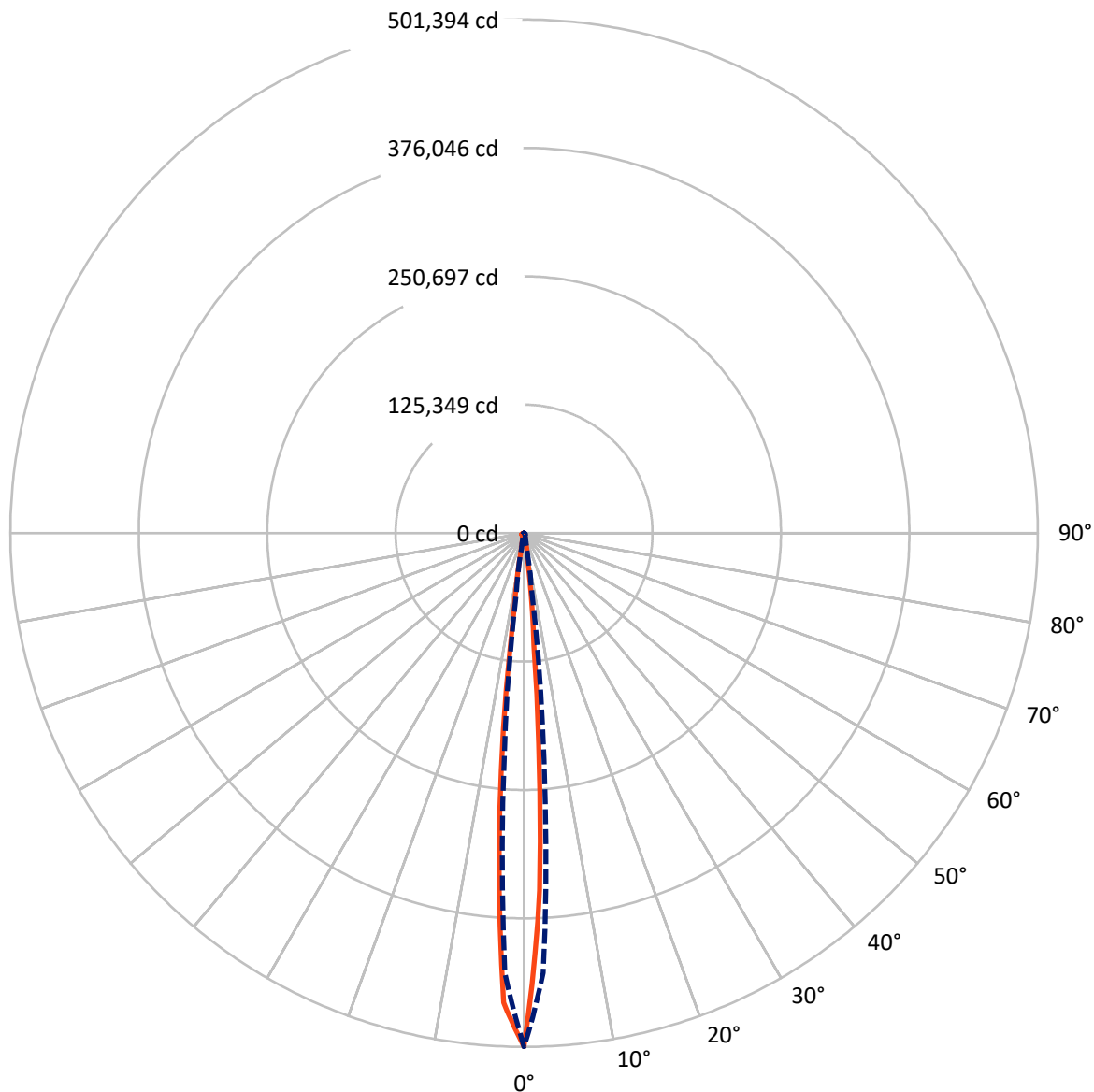
## Lumen Table

|     |     |                            |      |      |      |      |      |       |        |        |       |      |      |      |      |     |     |    |    |    |
|-----|-----|----------------------------|------|------|------|------|------|-------|--------|--------|-------|------|------|------|------|-----|-----|----|----|----|
| 90  |     |                            |      |      |      |      |      |       |        |        |       |      |      |      |      |     |     |    |    |    |
| 80  | 0.4 |                            | 4.7  |      | 5.2  |      | 2.0  |       | 0.5    |        | 2.0   |      | 5.2  |      | 4.7  |     | 0.4 |    |    |    |
| 70  | 0.5 |                            | 1.1  | 1.4  | 1.0  | 0.9  | 0.7  | 0.5   | 0.3    | 0.3    | 0.5   | 0.7  | 0.9  | 1.0  | 1.4  | 1.1 | 0.5 |    |    |    |
| 60  |     |                            | 0.7  | 1.0  | 2.5  | 5.5  | 9.0  | 11.5  | 13.2   | 13.2   | 11.5  | 9.0  | 5.5  | 2.5  | 1.0  | 0.7 |     |    |    |    |
| 50  | 0.5 |                            | 0.7  | 2.9  | 9.7  | 19.1 | 28.0 | 33.6  | 37.3   | 37.3   | 33.6  | 28.0 | 19.1 | 9.7  | 2.9  | 0.7 | 0.5 |    |    |    |
| 40  |     |                            | 1.4  | 7.4  | 19.9 | 32.4 | 38.1 | 41.1  | 42.6   | 42.6   | 41.1  | 38.1 | 32.4 | 19.9 | 7.4  | 1.4 |     |    |    |    |
| 30  | 0.8 |                            | 2.8  | 12.6 | 29.0 | 37.6 | 38.7 | 45.6  | 54.9   | 54.9   | 45.6  | 38.7 | 37.6 | 29.0 | 12.6 | 2.8 | 0.8 |    |    |    |
| 20  |     |                            | 4.3  | 17.7 | 35.6 | 40.0 | 45.2 | 79.4  | 135.3  | 135.3  | 79.4  | 45.2 | 40.0 | 35.6 | 17.7 | 4.3 |     |    |    |    |
| 10  | 1.4 |                            | 5.6  | 21.7 | 39.2 | 41.5 | 55.8 | 151.0 | 2797.7 | 2797.7 | 151.0 | 55.8 | 41.5 | 39.2 | 21.7 | 5.6 | 1.4 |    |    |    |
| 0   |     |                            | 6.6  | 23.8 | 41.1 | 43.0 | 57.6 | 162.6 | 4079.3 | 4079.3 | 162.6 | 57.6 | 43.0 | 41.1 | 23.8 | 6.6 |     |    |    |    |
| -10 | 2.0 |                            | 7.0  | 24.4 | 43.3 | 46.6 | 52.0 | 94.5  | 181.5  | 181.5  | 94.5  | 52.0 | 46.6 | 43.3 | 24.4 | 7.0 | 2.0 |    |    |    |
| -20 |     |                            | 6.6  | 23.2 | 43.9 | 52.3 | 52.4 | 61.2  | 74.7   | 74.7   | 61.2  | 52.4 | 52.3 | 43.9 | 23.2 | 6.6 |     |    |    |    |
| -30 | 2.2 |                            | 5.9  | 20.5 | 41.9 | 57.5 | 62.7 | 65.3  | 65.8   | 65.8   | 65.3  | 62.7 | 57.5 | 41.9 | 20.5 | 5.9 | 2.2 |    |    |    |
| -40 |     |                            | 5.2  | 16.5 | 35.6 | 55.5 | 67.5 | 75.6  | 79.3   | 79.3   | 75.6  | 67.5 | 55.5 | 35.6 | 16.5 | 5.2 |     |    |    |    |
| -50 | 1.8 |                            | 4.7  | 12.7 | 27.6 | 47.3 | 63.5 | 73.8  | 78.1   | 78.1   | 73.8  | 63.5 | 47.3 | 27.6 | 12.7 | 4.7 | 1.8 |    |    |    |
| -60 |     |                            | 4.3  | 11.2 | 22.5 | 39.5 | 55.6 | 67.2  | 72.6   | 72.6   | 67.2  | 55.6 | 39.5 | 22.5 | 11.2 | 4.3 |     |    |    |    |
| -70 | 0.8 |                            | 13.2 |      | 39.3 |      | 72.7 |       | 80.3   |        | 72.7  |      | 39.3 |      | 13.2 |     | 0.8 |    |    |    |
| -80 |     |                            | 13.2 |      | 39.3 |      | 72.7 |       | 80.3   |        | 72.7  |      | 39.3 |      | 13.2 |     |     |    |    |    |
| -90 |     |                            |      |      |      |      |      |       |        |        |       |      |      |      |      |     |     |    |    |    |
|     |     | -90                        | -80  | -70  | -60  | -50  | -40  | -30   | -20    | -10    | 0     | 10   | 20   | 30   | 40   | 50  | 60  | 70 | 80 | 90 |
|     |     | Horizontal Angle (degrees) |      |      |      |      |      |       |        |        |       |      |      |      |      |     |     |    |    |    |

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CATALOG NUMBER: IFLD-L-SA8C-830-U-11-VI

## Luminous Intensity Polar Plot



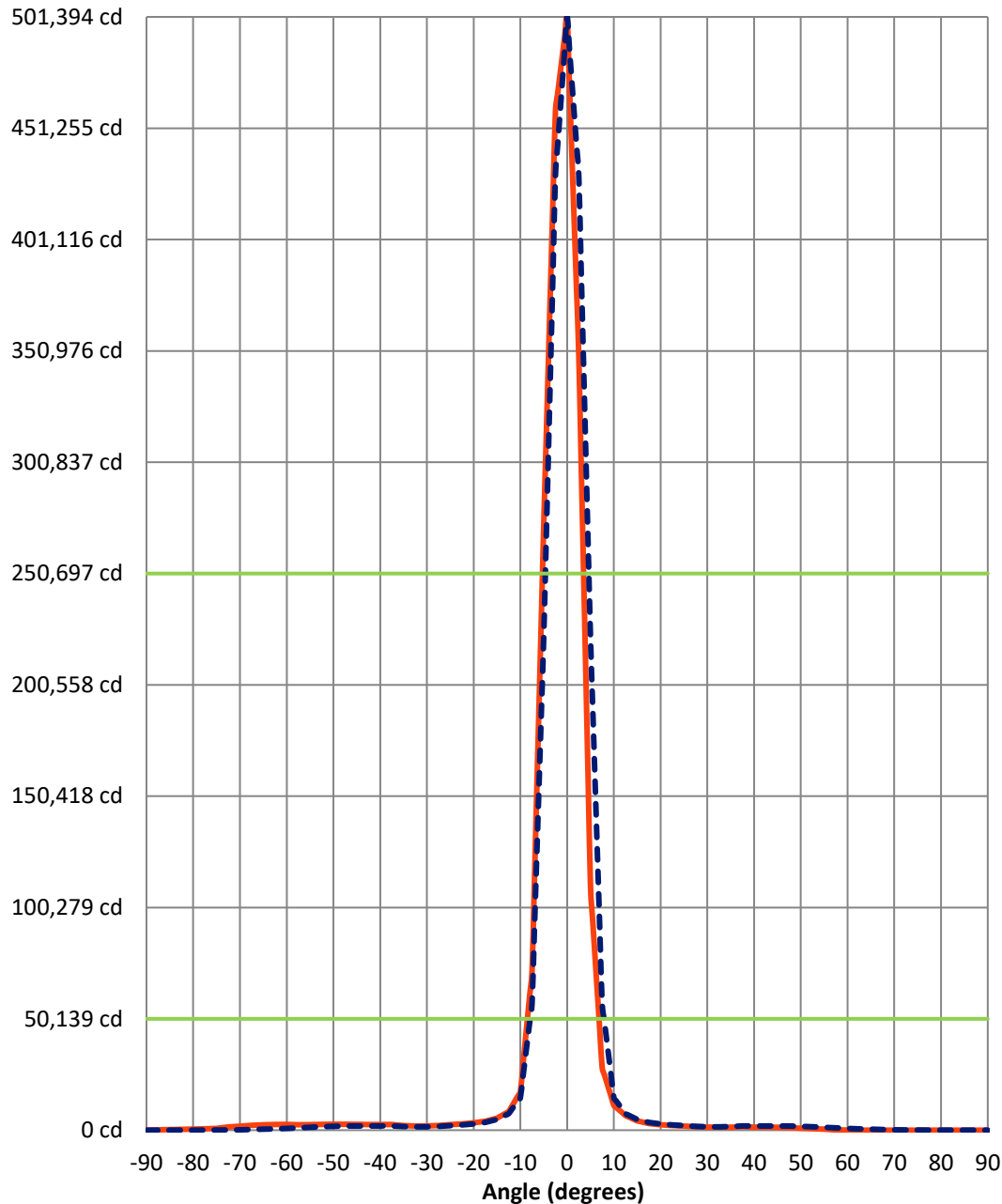
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 8.8°  
Lumens: 7728.6  
Efficiency: 36.3%

**Field:**  
H Angle: 15.8°  
V Angle: 15.3°  
Lumens: 12320.9  
Efficiency: 57.8%

**Spill:**  
Lumens: 8991.1  
Efficiency: 42.2%

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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°  | 0.0      | 4.9      | 4.9      | 4.9     | 4.9     | 4.9    | 4.9    | 4.9    | 4.9    | 4.9    | 4.9    |
| 85°    | 0.0      | 4.9      | 4.9      | 9.8     | 9.8     | 9.8    | 14.8   | 19.7   | 24.6   | 24.6   | 29.5   |
| 82.5°  | 0.0      | 4.9      | 4.9      | 9.8     | 9.8     | 14.8   | 14.8   | 24.6   | 29.5   | 34.4   | 44.3   |
| 80°    | 4.9      | 4.9      | 4.9      | 9.8     | 9.8     | 14.8   | 14.8   | 19.7   | 24.6   | 34.4   | 39.4   |
| 77.5°  | 0.0      | 4.9      | 4.9      | 4.9     | 9.8     | 9.8    | 9.8    | 14.8   | 19.7   | 24.6   | 29.5   |
| 75°    | 0.0      | 4.9      | 4.9      | 4.9     | 9.8     | 9.8    | 9.8    | 9.8    | 14.8   | 14.8   | 19.7   |
| 72.5°  | 0.0      | 0.0      | 0.0      | 4.9     | 4.9     | 9.8    | 9.8    | 9.8    | 14.8   | 14.8   | 14.8   |
| 70°    | 0.0      | 0.0      | 0.0      | 4.9     | 4.9     | 9.8    | 9.8    | 9.8    | 14.8   | 14.8   | 14.8   |
| 67.5°  | 0.0      | 0.0      | 0.0      | 4.9     | 4.9     | 9.8    | 9.8    | 9.8    | 14.8   | 14.8   | 14.8   |
| 65°    | 0.0      | 0.0      | 0.0      | 4.9     | 4.9     | 9.8    | 9.8    | 14.8   | 14.8   | 14.8   | 14.8   |
| 62.5°  | 4.9      | 4.9      | 4.9      | 9.8     | 14.8    | 14.8   | 19.7   | 24.6   | 24.6   | 24.6   | 24.6   |
| 60°    | 49.2     | 54.1     | 59.0     | 59.0    | 54.1    | 54.1   | 59.0   | 59.0   | 59.0   | 59.0   | 59.0   |
| 57.5°  | 132.8    | 142.7    | 147.6    | 147.6   | 147.6   | 142.7  | 162.4  | 167.3  | 147.6  | 137.8  | 152.5  |
| 55°    | 462.5    | 477.2    | 467.4    | 452.6   | 423.1   | 388.7  | 378.8  | 373.9  | 378.8  | 354.2  | 314.9  |
| 52.5°  | 674.0    | 688.8    | 683.8    | 674.0   | 654.3   | 629.7  | 610.1  | 590.4  | 570.7  | 531.3  | 487.1  |
| 50°    | 875.7    | 880.6    | 875.7    | 865.9   | 846.2   | 821.6  | 782.2  | 738.0  | 698.6  | 688.8  | 649.4  |
| 47.5°  | 1102.0   | 1116.8   | 1116.8   | 1111.9  | 1097.1  | 1052.8 | 993.8  | 929.8  | 900.3  | 890.5  | 851.1  |
| 45°    | 1303.7   | 1313.6   | 1318.5   | 1323.4  | 1318.5  | 1274.2 | 1220.1 | 1185.7 | 1121.7 | 1102.0 | 1102.0 |
| 42.5°  | 1357.9   | 1362.8   | 1367.7   | 1372.6  | 1387.4  | 1352.9 | 1308.7 | 1249.6 | 1234.9 | 1229.9 | 1220.1 |
| 40°    | 1377.5   | 1367.7   | 1372.6   | 1377.5  | 1382.5  | 1357.9 | 1323.4 | 1289.0 | 1279.1 | 1269.3 | 1269.3 |
| 37.5°  | 1564.5   | 1520.2   | 1485.8   | 1456.3  | 1431.7  | 1407.1 | 1372.6 | 1343.1 | 1318.5 | 1298.8 | 1318.5 |
| 35°    | 1333.3   | 1333.3   | 1367.7   | 1397.2  | 1426.7  | 1456.3 | 1461.2 | 1426.7 | 1372.6 | 1348.0 | 1382.5 |
| 32.5°  | 1362.8   | 1362.8   | 1362.8   | 1372.6  | 1382.5  | 1407.1 | 1431.7 | 1446.4 | 1485.8 | 1441.5 | 1441.5 |
| 30°    | 1392.3   | 1397.2   | 1407.1   | 1412.0  | 1397.2  | 1387.4 | 1377.5 | 1377.5 | 1402.1 | 1466.1 | 1500.5 |
| 27.5°  | 1564.5   | 1564.5   | 1549.7   | 1530.1  | 1485.8  | 1416.9 | 1382.5 | 1333.3 | 1338.2 | 1367.7 | 1451.3 |
| 25°    | 1844.9   | 1835.1   | 1800.6   | 1751.4  | 1672.7  | 1574.3 | 1480.9 | 1377.5 | 1333.3 | 1318.5 | 1352.9 |
| 22.5°  | 2110.6   | 2095.8   | 2051.5   | 2007.3  | 1943.3  | 1844.9 | 1687.5 | 1530.1 | 1392.3 | 1333.3 | 1318.5 |
| 20°    | 2450.1   | 2415.6   | 2366.4   | 2297.5  | 2194.2  | 2095.8 | 1958.1 | 1751.4 | 1549.7 | 1397.2 | 1338.2 |
| 17.5°  | 2996.1   | 2951.9   | 2858.4   | 2735.4  | 2558.3  | 2405.8 | 2209.0 | 2012.2 | 1785.9 | 1539.9 | 1407.1 |
| 15°    | 4191.7   | 4078.5   | 3916.1   | 3576.7  | 3227.4  | 2937.1 | 2641.9 | 2312.3 | 2081.1 | 1756.4 | 1554.7 |
| 12.5°  | 6592.5   | 6282.6   | 5810.3   | 5018.2  | 4235.9  | 3561.9 | 3084.7 | 2661.6 | 2287.7 | 1987.6 | 1702.2 |
| 10°    | 11158.1  | 10493.9  | 9190.1   | 7025.4  | 5583.9  | 4344.2 | 3488.1 | 2922.3 | 2450.1 | 2140.1 | 1825.2 |
| 7.5°   | 28219.9  | 23019.6  | 16289.4  | 11123.6 | 7305.9  | 5308.4 | 3989.9 | 3168.3 | 2622.2 | 2238.5 | 1923.6 |
| 5°     | 109986.6 | 90602.7  | 48331.9  | 20171.1 | 10990.8 | 6420.3 | 4442.6 | 3365.1 | 2735.4 | 2312.3 | 1997.4 |
| 2.5°   | 349063.3 | 301439.8 | 158151.2 | 43422.0 | 13495.0 | 7232.1 | 4752.5 | 3488.1 | 2799.4 | 2366.4 | 2051.5 |
| 0°     | 501394.4 | 429713.2 | 221955.9 | 57108.8 | 14636.3 | 7438.7 | 4850.9 | 3512.7 | 2809.2 | 2376.3 | 2051.5 |
| -2.5°  | 458690.7 | 401444.2 | 214408.9 | 53143.5 | 14956.1 | 7497.7 | 4929.6 | 3596.4 | 2883.0 | 2420.5 | 2066.3 |
| -5°    | 272550.9 | 239066.8 | 149566.2 | 37892.1 | 13288.3 | 6961.5 | 4723.0 | 3522.6 | 2833.8 | 2395.9 | 2056.5 |
| -7.5°  | 71809.1  | 62166.3  | 40893.2  | 19772.6 | 8599.8  | 5889.0 | 4339.2 | 3399.6 | 2769.8 | 2351.7 | 2017.1 |
| -10°   | 17312.7  | 16407.5  | 14656.0  | 8983.5  | 6695.8  | 4919.8 | 3847.3 | 3178.2 | 2641.9 | 2292.6 | 1953.2 |
| -12.5° | 8348.9   | 8152.1   | 7399.3   | 6100.5  | 4969.0  | 4088.3 | 3483.2 | 2946.9 | 2523.8 | 2189.3 | 1864.6 |
| -15°   | 5431.4   | 5318.3   | 5062.5   | 4565.6  | 3989.9  | 3566.8 | 3143.7 | 2710.8 | 2376.3 | 2036.8 | 1790.8 |
| -17.5° | 4019.5   | 4014.5   | 3886.6   | 3699.7  | 3414.3  | 3099.5 | 2789.5 | 2514.0 | 2189.3 | 1899.0 | 1712.1 |
| -20°   | 3330.7   | 3330.7   | 3256.9   | 3133.9  | 2932.2  | 2725.6 | 2518.9 | 2263.1 | 1997.4 | 1781.0 | 1702.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 25°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2828.9 | 2833.8 | 2794.4 | 2715.7 | 2607.5 | 2435.3 | 2233.6 | 2026.9 | 1835.1 | 1756.4 | 1731.8 |
| -25°   | 2504.2 | 2494.3 | 2450.1 | 2376.3 | 2263.1 | 2125.3 | 1992.5 | 1854.8 | 1800.6 | 1781.0 | 1815.4 |
| -27.5° | 2120.4 | 2135.2 | 2115.5 | 2081.1 | 2007.3 | 1908.9 | 1879.4 | 1840.0 | 1849.8 | 1879.4 | 2012.2 |
| -30°   | 1894.1 | 1908.9 | 1928.6 | 1943.3 | 1918.7 | 1894.1 | 1904.0 | 1933.5 | 1997.4 | 2110.6 | 2159.8 |
| -32.5° | 1894.1 | 1899.0 | 1928.6 | 1958.1 | 1972.8 | 1992.5 | 2046.6 | 2145.0 | 2238.5 | 2209.0 | 2199.1 |
| -35°   | 2066.3 | 2051.5 | 2090.9 | 2130.3 | 2184.4 | 2253.3 | 2312.3 | 2292.6 | 2258.2 | 2248.3 | 2258.2 |
| -37.5° | 2558.3 | 2464.8 | 2425.5 | 2400.9 | 2386.1 | 2376.3 | 2361.5 | 2346.7 | 2332.0 | 2322.1 | 2336.9 |
| -40°   | 2553.4 | 2528.8 | 2504.2 | 2484.5 | 2469.7 | 2450.1 | 2440.2 | 2435.3 | 2420.5 | 2410.7 | 2400.9 |
| -42.5° | 2543.5 | 2553.4 | 2553.4 | 2548.4 | 2553.4 | 2548.4 | 2533.7 | 2514.0 | 2489.4 | 2469.7 | 2450.1 |
| -45°   | 2617.3 | 2622.2 | 2632.1 | 2641.9 | 2656.7 | 2637.0 | 2607.5 | 2573.0 | 2538.6 | 2509.1 | 2484.5 |
| -47.5° | 2661.6 | 2666.5 | 2676.4 | 2691.1 | 2701.0 | 2681.3 | 2641.9 | 2597.6 | 2543.5 | 2494.3 | 2445.1 |
| -50°   | 2676.4 | 2691.1 | 2696.0 | 2696.0 | 2691.1 | 2666.5 | 2607.5 | 2543.5 | 2484.5 | 2435.3 | 2391.0 |
| -52.5° | 2607.5 | 2622.2 | 2627.2 | 2617.3 | 2612.4 | 2587.8 | 2533.7 | 2474.6 | 2410.7 | 2376.3 | 2336.9 |
| -55°   | 2494.3 | 2514.0 | 2528.8 | 2528.8 | 2528.8 | 2523.8 | 2474.6 | 2420.5 | 2371.3 | 2332.0 | 2292.6 |
| -57.5° | 2450.1 | 2484.5 | 2514.0 | 2518.9 | 2523.8 | 2528.8 | 2494.3 | 2440.2 | 2381.2 | 2322.1 | 2272.9 |
| -60°   | 2612.4 | 2641.9 | 2656.7 | 2637.0 | 2622.2 | 2607.5 | 2553.4 | 2489.4 | 2430.4 | 2371.3 | 2277.9 |
| -62.5° | 2568.1 | 2617.3 | 2641.9 | 2627.2 | 2607.5 | 2582.9 | 2523.8 | 2450.1 | 2381.2 | 2317.2 | 2223.7 |
| -65°   | 2425.5 | 2469.7 | 2499.2 | 2474.6 | 2445.1 | 2410.7 | 2356.6 | 2287.7 | 2223.7 | 2159.8 | 2076.1 |
| -67.5° | 2184.4 | 2248.3 | 2297.5 | 2243.4 | 2204.1 | 2159.8 | 2115.5 | 2056.5 | 1992.5 | 1918.7 | 1840.0 |
| -70°   | 1805.6 | 1854.8 | 1899.0 | 1884.3 | 1874.4 | 1864.6 | 1835.1 | 1776.0 | 1721.9 | 1662.9 | 1594.0 |
| -72.5° | 1451.3 | 1495.6 | 1535.0 | 1510.4 | 1490.7 | 1461.2 | 1416.9 | 1352.9 | 1289.0 | 1225.0 | 1161.1 |
| -75°   | 801.9  | 816.7  | 831.4  | 826.5  | 826.5  | 826.5  | 826.5  | 831.4  | 821.6  | 806.8  | 777.3  |
| -77.5° | 615.0  | 634.7  | 649.4  | 659.3  | 674.0  | 693.7  | 708.4  | 683.8  | 659.3  | 634.7  | 605.1  |
| -80°   | 482.1  | 501.8  | 516.6  | 570.7  | 610.1  | 654.3  | 683.8  | 649.4  | 615.0  | 585.5  | 560.9  |
| -82.5° | 364.1  | 378.8  | 393.6  | 423.1  | 442.8  | 467.4  | 487.1  | 487.1  | 482.1  | 477.2  | 462.5  |
| -85°   | 265.7  | 285.3  | 305.0  | 314.9  | 329.6  | 329.6  | 334.5  | 314.9  | 295.2  | 280.4  | 260.7  |
| -87.5° | 152.5  | 157.4  | 157.4  | 157.4  | 162.4  | 162.4  | 162.4  | 152.5  | 147.6  | 137.8  | 132.8  |
| -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):**

|        | 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°  | 4.9    | 4.9    | 4.9    | 9.8    | 9.8    | 14.8   | 14.8   | 19.7   | 19.7   | 24.6   | 24.6   |
| 85°    | 29.5   | 29.5   | 29.5   | 34.4   | 34.4   | 39.4   | 44.3   | 49.2   | 54.1   | 54.1   | 59.0   |
| 82.5°  | 49.2   | 54.1   | 59.0   | 64.0   | 68.9   | 73.8   | 78.7   | 83.6   | 98.4   | 108.2  | 113.2  |
| 80°    | 49.2   | 54.1   | 68.9   | 78.7   | 88.6   | 98.4   | 98.4   | 98.4   | 98.4   | 103.3  | 113.2  |
| 77.5°  | 34.4   | 39.4   | 44.3   | 54.1   | 78.7   | 98.4   | 113.2  | 123.0  | 113.2  | 108.2  | 98.4   |
| 75°    | 19.7   | 24.6   | 29.5   | 34.4   | 49.2   | 68.9   | 93.5   | 118.1  | 137.8  | 132.8  | 123.0  |
| 72.5°  | 19.7   | 19.7   | 24.6   | 29.5   | 34.4   | 39.4   | 44.3   | 68.9   | 98.4   | 123.0  | 137.8  |
| 70°    | 19.7   | 24.6   | 24.6   | 29.5   | 34.4   | 39.4   | 44.3   | 54.1   | 68.9   | 98.4   | 127.9  |
| 67.5°  | 19.7   | 24.6   | 24.6   | 34.4   | 44.3   | 49.2   | 54.1   | 49.2   | 44.3   | 64.0   | 93.5   |
| 65°    | 19.7   | 19.7   | 24.6   | 29.5   | 34.4   | 39.4   | 54.1   | 54.1   | 49.2   | 49.2   | 49.2   |
| 62.5°  | 29.5   | 29.5   | 29.5   | 29.5   | 34.4   | 34.4   | 34.4   | 44.3   | 44.3   | 44.3   | 44.3   |
| 60°    | 59.0   | 54.1   | 54.1   | 54.1   | 54.1   | 44.3   | 44.3   | 44.3   | 39.4   | 44.3   | 39.4   |
| 57.5°  | 142.7  | 118.1  | 108.2  | 108.2  | 93.5   | 88.6   | 73.8   | 54.1   | 54.1   | 44.3   | 44.3   |
| 55°    | 290.3  | 275.5  | 231.2  | 191.9  | 172.2  | 152.5  | 118.1  | 98.4   | 73.8   | 59.0   | 54.1   |
| 52.5°  | 447.7  | 408.3  | 369.0  | 319.8  | 270.6  | 231.2  | 196.8  | 152.5  | 123.0  | 88.6   | 68.9   |
| 50°    | 585.5  | 551.0  | 506.7  | 452.6  | 388.7  | 339.5  | 290.3  | 231.2  | 182.0  | 137.8  | 98.4   |
| 47.5°  | 797.0  | 728.1  | 674.0  | 610.1  | 536.3  | 467.4  | 403.4  | 334.5  | 255.8  | 201.7  | 152.5  |
| 45°    | 1023.3 | 924.9  | 851.1  | 792.1  | 693.7  | 600.2  | 526.4  | 452.6  | 359.1  | 265.7  | 206.6  |
| 42.5°  | 1180.7 | 1107.0 | 1008.6 | 929.8  | 841.3  | 742.9  | 644.5  | 565.8  | 467.4  | 359.1  | 265.7  |
| 40°    | 1264.4 | 1215.2 | 1136.5 | 1067.6 | 974.1  | 865.9  | 762.6  | 683.8  | 580.5  | 462.5  | 334.5  |
| 37.5°  | 1328.3 | 1303.7 | 1264.4 | 1210.3 | 1121.7 | 993.8  | 890.5  | 797.0  | 708.4  | 570.7  | 432.9  |
| 35°    | 1402.1 | 1397.2 | 1372.6 | 1348.0 | 1274.2 | 1151.2 | 1028.2 | 920.0  | 811.8  | 683.8  | 531.3  |
| 32.5°  | 1471.0 | 1466.1 | 1451.3 | 1441.5 | 1412.0 | 1303.7 | 1170.9 | 1047.9 | 924.9  | 792.1  | 624.8  |
| 30°    | 1505.5 | 1495.6 | 1495.6 | 1505.5 | 1475.9 | 1407.1 | 1308.7 | 1175.8 | 1038.1 | 880.6  | 723.2  |
| 27.5°  | 1505.5 | 1495.6 | 1500.5 | 1515.3 | 1510.4 | 1475.9 | 1402.1 | 1293.9 | 1141.4 | 964.3  | 811.8  |
| 25°    | 1441.5 | 1490.7 | 1490.7 | 1510.4 | 1515.3 | 1505.5 | 1466.1 | 1397.2 | 1239.8 | 1052.8 | 880.6  |
| 22.5°  | 1352.9 | 1471.0 | 1515.3 | 1510.4 | 1515.3 | 1539.9 | 1544.8 | 1480.9 | 1333.3 | 1141.4 | 949.5  |
| 20°    | 1352.9 | 1436.6 | 1564.5 | 1530.1 | 1539.9 | 1594.0 | 1618.6 | 1564.5 | 1431.7 | 1225.0 | 1018.4 |
| 17.5°  | 1382.5 | 1436.6 | 1544.8 | 1598.9 | 1613.7 | 1658.0 | 1697.3 | 1662.9 | 1520.2 | 1313.6 | 1111.9 |
| 15°    | 1466.1 | 1456.3 | 1530.1 | 1662.9 | 1687.5 | 1721.9 | 1766.2 | 1726.8 | 1598.9 | 1412.0 | 1200.4 |
| 12.5°  | 1525.1 | 1471.0 | 1530.1 | 1672.7 | 1751.4 | 1785.9 | 1800.6 | 1771.1 | 1667.8 | 1500.5 | 1289.0 |
| 10°    | 1603.8 | 1510.4 | 1539.9 | 1662.9 | 1776.0 | 1800.6 | 1815.4 | 1805.6 | 1731.8 | 1574.3 | 1367.7 |
| 7.5°   | 1662.9 | 1530.1 | 1530.1 | 1648.1 | 1800.6 | 1820.3 | 1830.2 | 1840.0 | 1785.9 | 1638.3 | 1436.6 |
| 5°     | 1687.5 | 1530.1 | 1520.2 | 1633.4 | 1825.2 | 1844.9 | 1844.9 | 1859.7 | 1825.2 | 1687.5 | 1485.8 |
| 2.5°   | 1692.4 | 1525.1 | 1510.4 | 1623.5 | 1869.5 | 1869.5 | 1859.7 | 1874.4 | 1854.8 | 1717.0 | 1520.2 |
| 0°     | 1717.0 | 1520.2 | 1505.5 | 1638.3 | 1918.7 | 1899.0 | 1874.4 | 1879.4 | 1869.5 | 1731.8 | 1539.9 |
| -2.5°  | 1717.0 | 1544.8 | 1525.1 | 1648.1 | 1913.8 | 1908.9 | 1899.0 | 1904.0 | 1894.1 | 1776.0 | 1579.2 |
| -5°    | 1741.6 | 1579.2 | 1559.6 | 1692.4 | 1908.9 | 1923.6 | 1928.6 | 1928.6 | 1913.8 | 1805.6 | 1603.8 |
| -7.5°  | 1746.5 | 1603.8 | 1598.9 | 1736.7 | 1918.7 | 1943.3 | 1958.1 | 1967.9 | 1938.4 | 1825.2 | 1623.5 |
| -10°   | 1721.9 | 1613.7 | 1638.3 | 1790.8 | 1928.6 | 1963.0 | 1992.5 | 2007.3 | 1958.1 | 1835.1 | 1633.4 |
| -12.5° | 1667.8 | 1613.7 | 1677.6 | 1859.7 | 1953.2 | 1992.5 | 2036.8 | 2041.7 | 1977.8 | 1840.0 | 1638.3 |
| -15°   | 1662.9 | 1653.0 | 1746.5 | 1928.6 | 1967.9 | 2017.1 | 2086.0 | 2071.2 | 1992.5 | 1840.0 | 1638.3 |
| -17.5° | 1658.0 | 1707.2 | 1849.8 | 1953.2 | 1992.5 | 2046.6 | 2100.7 | 2086.0 | 2002.4 | 1840.0 | 1628.4 |
| -20°   | 1702.2 | 1795.7 | 1972.8 | 1977.8 | 2022.0 | 2081.1 | 2110.6 | 2081.1 | 1987.6 | 1825.2 | 1613.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1776.0 | 1953.2 | 2012.2 | 2031.9 | 2071.2 | 2115.5 | 2130.3 | 2086.0 | 1972.8 | 1800.6 | 1589.1 |
| -25°   | 1963.0 | 2051.5 | 2051.5 | 2095.8 | 2135.2 | 2154.9 | 2140.1 | 2090.9 | 1953.2 | 1776.0 | 1564.5 |
| -27.5° | 2105.7 | 2100.7 | 2125.3 | 2169.6 | 2204.1 | 2204.1 | 2164.7 | 2066.3 | 1923.6 | 1751.4 | 1530.1 |
| -30°   | 2159.8 | 2164.7 | 2199.1 | 2248.3 | 2258.2 | 2233.6 | 2174.5 | 2046.6 | 1899.0 | 1712.1 | 1485.8 |
| -32.5° | 2213.9 | 2233.6 | 2277.9 | 2302.5 | 2307.4 | 2258.2 | 2149.9 | 2012.2 | 1859.7 | 1667.8 | 1436.6 |
| -35°   | 2277.9 | 2317.2 | 2341.8 | 2346.7 | 2322.1 | 2238.5 | 2115.5 | 1967.9 | 1800.6 | 1603.8 | 1392.3 |
| -37.5° | 2361.5 | 2381.2 | 2395.9 | 2376.3 | 2307.4 | 2209.0 | 2056.5 | 1908.9 | 1746.5 | 1535.0 | 1328.3 |
| -40°   | 2415.6 | 2425.5 | 2430.4 | 2366.4 | 2282.8 | 2140.1 | 1992.5 | 1840.0 | 1653.0 | 1456.3 | 1259.5 |
| -42.5° | 2450.1 | 2440.2 | 2400.9 | 2332.0 | 2209.0 | 2071.2 | 1928.6 | 1756.4 | 1569.4 | 1377.5 | 1185.7 |
| -45°   | 2440.2 | 2405.8 | 2346.7 | 2263.1 | 2135.2 | 1997.4 | 1830.2 | 1658.0 | 1480.9 | 1293.9 | 1102.0 |
| -47.5° | 2400.9 | 2346.7 | 2272.9 | 2174.5 | 2056.5 | 1889.2 | 1721.9 | 1554.7 | 1382.5 | 1200.4 | 1023.3 |
| -50°   | 2351.7 | 2287.7 | 2199.1 | 2076.1 | 1918.7 | 1766.2 | 1613.7 | 1451.3 | 1274.2 | 1107.0 | 949.5  |
| -52.5° | 2297.5 | 2228.7 | 2115.5 | 1977.8 | 1805.6 | 1648.1 | 1500.5 | 1343.1 | 1180.7 | 1023.3 | 885.6  |
| -55°   | 2238.5 | 2169.6 | 2041.7 | 1884.3 | 1712.1 | 1539.9 | 1397.2 | 1264.4 | 1107.0 | 954.4  | 831.4  |
| -57.5° | 2209.0 | 2120.4 | 1987.6 | 1830.2 | 1648.1 | 1471.0 | 1348.0 | 1205.3 | 1062.7 | 905.2  | 787.2  |
| -60°   | 2184.4 | 2095.8 | 1972.8 | 1790.8 | 1618.6 | 1451.3 | 1308.7 | 1170.9 | 1018.4 | 870.8  | 752.7  |
| -62.5° | 2115.5 | 2022.0 | 1908.9 | 1731.8 | 1564.5 | 1412.0 | 1284.1 | 1121.7 | 974.1  | 836.4  | 728.1  |
| -65°   | 1977.8 | 1879.4 | 1781.0 | 1623.5 | 1471.0 | 1328.3 | 1200.4 | 1052.8 | 915.1  | 797.0  | 703.5  |
| -67.5° | 1761.3 | 1677.6 | 1589.1 | 1456.3 | 1328.3 | 1200.4 | 1082.4 | 954.4  | 841.3  | 757.6  | 708.4  |
| -70°   | 1520.2 | 1431.7 | 1343.1 | 1234.9 | 1126.6 | 1023.3 | 929.8  | 836.4  | 762.6  | 718.3  | 678.9  |
| -72.5° | 1107.0 | 1067.6 | 1023.3 | 939.7  | 851.1  | 787.2  | 742.9  | 703.5  | 649.4  | 610.1  | 585.5  |
| -75°   | 738.0  | 683.8  | 615.0  | 585.5  | 590.4  | 580.5  | 555.9  | 526.4  | 501.8  | 487.1  | 452.6  |
| -77.5° | 575.6  | 546.1  | 511.7  | 477.2  | 462.5  | 447.7  | 428.0  | 403.4  | 383.7  | 349.3  | 300.1  |
| -80°   | 531.3  | 506.7  | 482.1  | 457.5  | 432.9  | 398.5  | 359.1  | 319.8  | 300.1  | 285.3  | 280.4  |
| -82.5° | 437.9  | 408.3  | 378.8  | 354.2  | 319.8  | 295.2  | 270.6  | 250.9  | 250.9  | 246.0  | 241.1  |
| -85°   | 250.9  | 241.1  | 226.3  | 216.5  | 206.6  | 191.9  | 177.1  | 167.3  | 162.4  | 157.4  | 152.5  |
| -87.5° | 127.9  | 123.0  | 113.2  | 108.2  | 103.3  | 98.4   | 88.6   | 83.6   | 78.7   | 78.7   | 73.8   |
| -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):**

|        | 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°  | 24.6   | 24.6   | 19.7  | 19.7  | 19.7  | 14.8  | 9.8   | 9.8   | 4.9   | 4.9   | 0.0  |
| 85°    | 59.0   | 49.2   | 44.3  | 39.4  | 39.4  | 29.5  | 19.7  | 14.8  | 9.8   | 4.9   | 4.9  |
| 82.5°  | 113.2  | 98.4   | 83.6  | 73.8  | 59.0  | 44.3  | 34.4  | 24.6  | 14.8  | 9.8   | 4.9  |
| 80°    | 127.9  | 127.9  | 123.0 | 103.3 | 83.6  | 64.0  | 44.3  | 29.5  | 19.7  | 14.8  | 9.8  |
| 77.5°  | 98.4   | 108.2  | 108.2 | 108.2 | 103.3 | 78.7  | 54.1  | 34.4  | 19.7  | 14.8  | 9.8  |
| 75°    | 113.2  | 98.4   | 93.5  | 98.4  | 93.5  | 78.7  | 64.0  | 39.4  | 24.6  | 19.7  | 9.8  |
| 72.5°  | 137.8  | 118.1  | 103.3 | 98.4  | 88.6  | 73.8  | 59.0  | 44.3  | 24.6  | 19.7  | 14.8 |
| 70°    | 127.9  | 123.0  | 113.2 | 103.3 | 88.6  | 73.8  | 59.0  | 44.3  | 29.5  | 19.7  | 14.8 |
| 67.5°  | 113.2  | 113.2  | 113.2 | 103.3 | 88.6  | 68.9  | 54.1  | 39.4  | 29.5  | 19.7  | 14.8 |
| 65°    | 78.7   | 93.5   | 103.3 | 98.4  | 88.6  | 68.9  | 54.1  | 39.4  | 29.5  | 24.6  | 14.8 |
| 62.5°  | 49.2   | 64.0   | 83.6  | 93.5  | 83.6  | 68.9  | 49.2  | 39.4  | 29.5  | 24.6  | 14.8 |
| 60°    | 44.3   | 49.2   | 59.0  | 73.8  | 78.7  | 64.0  | 49.2  | 34.4  | 29.5  | 24.6  | 14.8 |
| 57.5°  | 44.3   | 44.3   | 49.2  | 59.0  | 64.0  | 59.0  | 44.3  | 29.5  | 29.5  | 24.6  | 19.7 |
| 55°    | 49.2   | 44.3   | 44.3  | 49.2  | 54.1  | 54.1  | 44.3  | 29.5  | 29.5  | 24.6  | 19.7 |
| 52.5°  | 59.0   | 49.2   | 44.3  | 44.3  | 44.3  | 49.2  | 39.4  | 29.5  | 29.5  | 24.6  | 19.7 |
| 50°    | 73.8   | 59.0   | 54.1  | 44.3  | 44.3  | 44.3  | 39.4  | 29.5  | 24.6  | 24.6  | 19.7 |
| 47.5°  | 98.4   | 78.7   | 59.0  | 54.1  | 44.3  | 39.4  | 34.4  | 29.5  | 24.6  | 24.6  | 19.7 |
| 45°    | 147.6  | 93.5   | 78.7  | 59.0  | 49.2  | 44.3  | 39.4  | 29.5  | 24.6  | 24.6  | 19.7 |
| 42.5°  | 201.7  | 137.8  | 98.4  | 68.9  | 54.1  | 44.3  | 39.4  | 34.4  | 24.6  | 24.6  | 19.7 |
| 40°    | 255.8  | 187.0  | 123.0 | 88.6  | 64.0  | 49.2  | 39.4  | 34.4  | 29.5  | 24.6  | 19.7 |
| 37.5°  | 314.9  | 231.2  | 162.4 | 113.2 | 73.8  | 54.1  | 44.3  | 34.4  | 29.5  | 24.6  | 19.7 |
| 35°    | 388.7  | 290.3  | 201.7 | 137.8 | 88.6  | 64.0  | 49.2  | 34.4  | 29.5  | 24.6  | 19.7 |
| 32.5°  | 472.3  | 344.4  | 241.1 | 167.3 | 113.2 | 78.7  | 54.1  | 39.4  | 29.5  | 24.6  | 19.7 |
| 30°    | 551.0  | 408.3  | 285.3 | 201.7 | 137.8 | 88.6  | 59.0  | 39.4  | 29.5  | 24.6  | 14.8 |
| 27.5°  | 629.7  | 472.3  | 339.5 | 236.1 | 167.3 | 103.3 | 64.0  | 44.3  | 29.5  | 24.6  | 19.7 |
| 25°    | 708.4  | 536.3  | 393.6 | 270.6 | 191.9 | 123.0 | 78.7  | 49.2  | 29.5  | 24.6  | 19.7 |
| 22.5°  | 777.3  | 600.2  | 442.8 | 309.9 | 221.4 | 142.7 | 88.6  | 54.1  | 34.4  | 24.6  | 19.7 |
| 20°    | 856.0  | 669.1  | 496.9 | 354.2 | 246.0 | 162.4 | 98.4  | 59.0  | 34.4  | 24.6  | 19.7 |
| 17.5°  | 929.8  | 738.0  | 551.0 | 393.6 | 275.5 | 182.0 | 113.2 | 64.0  | 39.4  | 24.6  | 19.7 |
| 15°    | 1003.6 | 801.9  | 600.2 | 432.9 | 305.0 | 201.7 | 123.0 | 68.9  | 44.3  | 24.6  | 19.7 |
| 12.5°  | 1072.5 | 861.0  | 644.5 | 467.4 | 329.6 | 221.4 | 132.8 | 73.8  | 49.2  | 24.6  | 19.7 |
| 10°    | 1136.5 | 915.1  | 688.8 | 496.9 | 354.2 | 236.1 | 142.7 | 83.6  | 54.1  | 24.6  | 19.7 |
| 7.5°   | 1200.4 | 959.4  | 723.2 | 526.4 | 383.7 | 255.8 | 152.5 | 88.6  | 59.0  | 29.5  | 19.7 |
| 5°     | 1239.8 | 998.7  | 752.7 | 551.0 | 408.3 | 275.5 | 162.4 | 93.5  | 64.0  | 29.5  | 19.7 |
| 2.5°   | 1274.2 | 1028.2 | 772.4 | 575.6 | 432.9 | 290.3 | 162.4 | 98.4  | 68.9  | 29.5  | 19.7 |
| 0°     | 1293.9 | 1047.9 | 787.2 | 590.4 | 452.6 | 300.1 | 167.3 | 103.3 | 73.8  | 29.5  | 19.7 |
| -2.5°  | 1338.2 | 1082.4 | 821.6 | 610.1 | 472.3 | 329.6 | 177.1 | 108.2 | 78.7  | 34.4  | 19.7 |
| -5°    | 1367.7 | 1102.0 | 846.2 | 629.7 | 487.1 | 359.1 | 191.9 | 118.1 | 88.6  | 44.3  | 24.6 |
| -7.5°  | 1392.3 | 1121.7 | 865.9 | 639.6 | 501.8 | 369.0 | 196.8 | 123.0 | 93.5  | 49.2  | 24.6 |
| -10°   | 1397.2 | 1131.5 | 880.6 | 654.3 | 511.7 | 383.7 | 201.7 | 127.9 | 98.4  | 54.1  | 24.6 |
| -12.5° | 1402.1 | 1141.4 | 885.6 | 664.2 | 521.5 | 393.6 | 206.6 | 132.8 | 103.3 | 59.0  | 24.6 |
| -15°   | 1397.2 | 1136.5 | 885.6 | 674.0 | 526.4 | 383.7 | 216.5 | 137.8 | 108.2 | 64.0  | 24.6 |
| -17.5° | 1387.4 | 1131.5 | 880.6 | 669.1 | 521.5 | 373.9 | 221.4 | 147.6 | 108.2 | 68.9  | 29.5 |
| -20°   | 1372.6 | 1116.8 | 870.8 | 664.2 | 516.6 | 364.1 | 226.3 | 152.5 | 113.2 | 68.9  | 29.5 |

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CATALOG NUMBER: IFLD-L-SA8C-830-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 57.5°  | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| -22.5° | 1348.0 | 1092.2 | 851.1 | 649.4 | 506.7 | 354.2 | 226.3 | 162.4 | 118.1 | 68.9  | 29.5 |
| -25°   | 1318.5 | 1067.6 | 831.4 | 629.7 | 492.0 | 339.5 | 226.3 | 167.3 | 123.0 | 68.9  | 29.5 |
| -27.5° | 1284.1 | 1043.0 | 801.9 | 615.0 | 472.3 | 329.6 | 226.3 | 172.2 | 127.9 | 68.9  | 29.5 |
| -30°   | 1244.7 | 1008.6 | 777.3 | 590.4 | 457.5 | 329.6 | 231.2 | 177.1 | 132.8 | 68.9  | 29.5 |
| -32.5° | 1205.3 | 974.1  | 747.8 | 570.7 | 437.9 | 324.7 | 231.2 | 182.0 | 137.8 | 64.0  | 34.4 |
| -35°   | 1161.1 | 934.8  | 723.2 | 555.9 | 423.1 | 314.9 | 236.1 | 182.0 | 132.8 | 64.0  | 34.4 |
| -37.5° | 1107.0 | 885.6  | 698.6 | 541.2 | 413.3 | 305.0 | 236.1 | 187.0 | 127.9 | 64.0  | 34.4 |
| -40°   | 1047.9 | 846.2  | 669.1 | 521.5 | 398.5 | 300.1 | 236.1 | 187.0 | 123.0 | 64.0  | 39.4 |
| -42.5° | 984.0  | 801.9  | 639.6 | 501.8 | 383.7 | 295.2 | 236.1 | 187.0 | 118.1 | 64.0  | 39.4 |
| -45°   | 924.9  | 757.6  | 605.1 | 477.2 | 369.0 | 295.2 | 236.1 | 182.0 | 108.2 | 68.9  | 39.4 |
| -47.5° | 861.0  | 708.4  | 565.8 | 452.6 | 364.1 | 290.3 | 231.2 | 172.2 | 98.4  | 68.9  | 39.4 |
| -50°   | 806.8  | 659.3  | 536.3 | 428.0 | 354.2 | 295.2 | 236.1 | 157.4 | 98.4  | 68.9  | 39.4 |
| -52.5° | 752.7  | 624.8  | 501.8 | 418.2 | 344.4 | 300.1 | 231.2 | 147.6 | 98.4  | 68.9  | 39.4 |
| -55°   | 708.4  | 590.4  | 482.1 | 403.4 | 354.2 | 309.9 | 221.4 | 132.8 | 98.4  | 68.9  | 39.4 |
| -57.5° | 674.0  | 570.7  | 467.4 | 408.3 | 369.0 | 300.1 | 206.6 | 127.9 | 98.4  | 64.0  | 39.4 |
| -60°   | 649.4  | 551.0  | 472.3 | 428.0 | 373.9 | 285.3 | 196.8 | 127.9 | 98.4  | 64.0  | 34.4 |
| -62.5° | 629.7  | 555.9  | 496.9 | 442.8 | 354.2 | 265.7 | 187.0 | 127.9 | 88.6  | 59.0  | 34.4 |
| -65°   | 634.7  | 575.6  | 506.7 | 423.1 | 339.5 | 246.0 | 172.2 | 123.0 | 83.6  | 54.1  | 34.4 |
| -67.5° | 649.4  | 560.9  | 477.2 | 398.5 | 305.0 | 221.4 | 157.4 | 113.2 | 78.7  | 54.1  | 34.4 |
| -70°   | 600.2  | 516.6  | 432.9 | 339.5 | 260.7 | 191.9 | 147.6 | 103.3 | 68.9  | 49.2  | 34.4 |
| -72.5° | 541.2  | 432.9  | 344.4 | 275.5 | 221.4 | 177.1 | 132.8 | 93.5  | 64.0  | 44.3  | 29.5 |
| -75°   | 393.6  | 314.9  | 255.8 | 231.2 | 196.8 | 157.4 | 118.1 | 83.6  | 59.0  | 44.3  | 29.5 |
| -77.5° | 280.4  | 260.7  | 236.1 | 211.6 | 177.1 | 137.8 | 103.3 | 78.7  | 54.1  | 39.4  | 24.6 |
| -80°   | 275.5  | 250.9  | 221.4 | 182.0 | 147.6 | 118.1 | 88.6  | 68.9  | 49.2  | 34.4  | 19.7 |
| -82.5° | 231.2  | 196.8  | 167.3 | 137.8 | 113.2 | 93.5  | 73.8  | 54.1  | 39.4  | 24.6  | 14.8 |
| -85°   | 142.7  | 123.0  | 108.2 | 93.5  | 78.7  | 64.0  | 49.2  | 34.4  | 24.6  | 14.8  | 9.8  |
| -87.5° | 68.9   | 64.0   | 54.1  | 44.3  | 39.4  | 29.5  | 24.6  | 19.7  | 14.8  | 9.8   | 4.9  |
| -90°   | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |

REPORT NUMBER: P723863

CATALOG NUMBER: IFLD-L-SA8C-830-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-----|-------|-----|
| 90°    | 0.0   | 0.0 | 0.0   | 0.0 |
| 87.5°  | 0.0   | 0.0 | 0.0   | 0.0 |
| 85°    | 0.0   | 0.0 | 0.0   | 0.0 |
| 82.5°  | 4.9   | 0.0 | 0.0   | 0.0 |
| 80°    | 4.9   | 0.0 | 0.0   | 0.0 |
| 77.5°  | 4.9   | 0.0 | 0.0   | 0.0 |
| 75°    | 4.9   | 4.9 | 0.0   | 0.0 |
| 72.5°  | 4.9   | 4.9 | 0.0   | 0.0 |
| 70°    | 9.8   | 4.9 | 4.9   | 0.0 |
| 67.5°  | 9.8   | 4.9 | 4.9   | 0.0 |
| 65°    | 9.8   | 4.9 | 4.9   | 0.0 |
| 62.5°  | 9.8   | 4.9 | 4.9   | 0.0 |
| 60°    | 9.8   | 4.9 | 4.9   | 0.0 |
| 57.5°  | 9.8   | 4.9 | 4.9   | 0.0 |
| 55°    | 9.8   | 4.9 | 4.9   | 0.0 |
| 52.5°  | 9.8   | 4.9 | 4.9   | 0.0 |
| 50°    | 9.8   | 4.9 | 4.9   | 0.0 |
| 47.5°  | 9.8   | 9.8 | 4.9   | 0.0 |
| 45°    | 9.8   | 9.8 | 4.9   | 0.0 |
| 42.5°  | 9.8   | 9.8 | 4.9   | 0.0 |
| 40°    | 9.8   | 9.8 | 4.9   | 0.0 |
| 37.5°  | 9.8   | 9.8 | 4.9   | 0.0 |
| 35°    | 9.8   | 9.8 | 4.9   | 0.0 |
| 32.5°  | 14.8  | 9.8 | 4.9   | 0.0 |
| 30°    | 14.8  | 9.8 | 9.8   | 0.0 |
| 27.5°  | 14.8  | 9.8 | 9.8   | 0.0 |
| 25°    | 14.8  | 9.8 | 9.8   | 0.0 |
| 22.5°  | 14.8  | 9.8 | 9.8   | 0.0 |
| 20°    | 14.8  | 9.8 | 9.8   | 0.0 |
| 17.5°  | 14.8  | 9.8 | 9.8   | 0.0 |
| 15°    | 14.8  | 9.8 | 9.8   | 0.0 |
| 12.5°  | 14.8  | 9.8 | 9.8   | 0.0 |
| 10°    | 14.8  | 9.8 | 9.8   | 0.0 |
| 7.5°   | 14.8  | 9.8 | 9.8   | 0.0 |
| 5°     | 14.8  | 9.8 | 9.8   | 0.0 |
| 2.5°   | 14.8  | 9.8 | 9.8   | 0.0 |
| 0°     | 14.8  | 9.8 | 9.8   | 0.0 |
| -2.5°  | 14.8  | 9.8 | 9.8   | 0.0 |
| -5°    | 14.8  | 9.8 | 9.8   | 0.0 |
| -7.5°  | 14.8  | 9.8 | 9.8   | 0.0 |
| -10°   | 14.8  | 9.8 | 9.8   | 0.0 |
| -12.5° | 19.7  | 9.8 | 9.8   | 0.0 |
| -15°   | 19.7  | 9.8 | 9.8   | 0.0 |
| -17.5° | 19.7  | 9.8 | 9.8   | 0.0 |
| -20°   | 19.7  | 9.8 | 9.8   | 0.0 |

REPORT NUMBER: P723863

CATALOG NUMBER: IFLD-L-SA8C-830-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-----|-------|-----|
| -22.5° | 19.7  | 9.8 | 9.8   | 0.0 |
| -25°   | 19.7  | 9.8 | 9.8   | 0.0 |
| -27.5° | 19.7  | 9.8 | 9.8   | 0.0 |
| -30°   | 19.7  | 9.8 | 9.8   | 0.0 |
| -32.5° | 19.7  | 9.8 | 9.8   | 0.0 |
| -35°   | 19.7  | 9.8 | 9.8   | 0.0 |
| -37.5° | 19.7  | 9.8 | 9.8   | 0.0 |
| -40°   | 19.7  | 9.8 | 9.8   | 0.0 |
| -42.5° | 14.8  | 9.8 | 4.9   | 0.0 |
| -45°   | 19.7  | 9.8 | 4.9   | 0.0 |
| -47.5° | 19.7  | 9.8 | 4.9   | 0.0 |
| -50°   | 19.7  | 9.8 | 4.9   | 0.0 |
| -52.5° | 19.7  | 9.8 | 4.9   | 0.0 |
| -55°   | 19.7  | 9.8 | 4.9   | 0.0 |
| -57.5° | 19.7  | 9.8 | 4.9   | 0.0 |
| -60°   | 19.7  | 9.8 | 4.9   | 0.0 |
| -62.5° | 19.7  | 9.8 | 4.9   | 0.0 |
| -65°   | 19.7  | 9.8 | 4.9   | 0.0 |
| -67.5° | 19.7  | 9.8 | 4.9   | 0.0 |
| -70°   | 19.7  | 4.9 | 4.9   | 0.0 |
| -72.5° | 14.8  | 4.9 | 4.9   | 0.0 |
| -75°   | 14.8  | 4.9 | 4.9   | 0.0 |
| -77.5° | 9.8   | 4.9 | 0.0   | 0.0 |
| -80°   | 9.8   | 4.9 | 0.0   | 0.0 |
| -82.5° | 9.8   | 4.9 | 0.0   | 0.0 |
| -85°   | 4.9   | 0.0 | 0.0   | 0.0 |
| -87.5° | 4.9   | 0.0 | 0.0   | 0.0 |
| -90°   | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)