

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: P724063

Luminaire Tested: **IFLD-L-SA7E-727-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724063  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-727-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

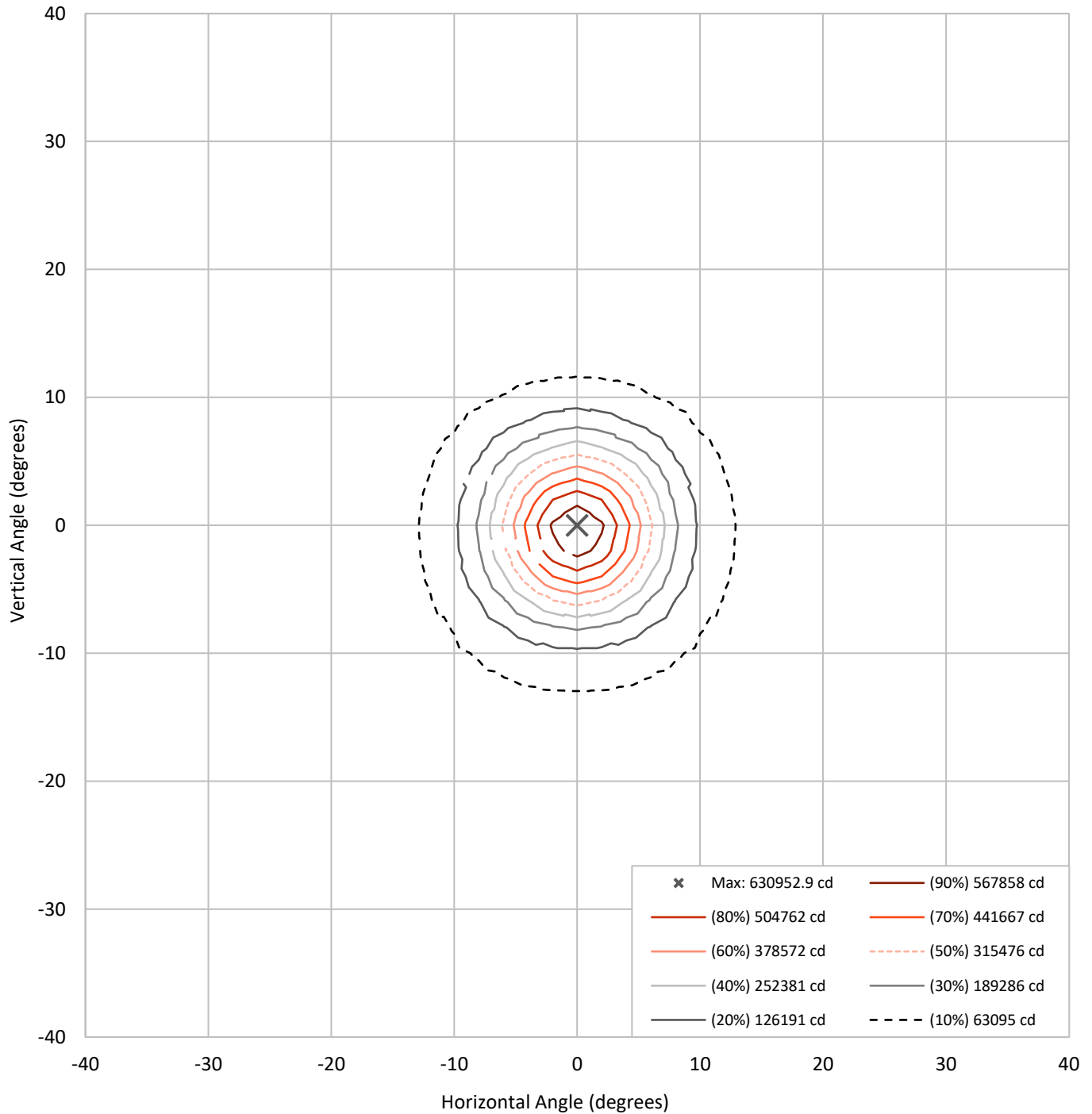
|                   |                                    |                      |                  |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 2H x 2V          |
| Luminaire Lumens: | 44072.4 lumens                     | Max Intensity:       | 630952.9 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 82.7 lumens/watt                   |                      |                  |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%): | 12.2°H x 11.7°V                    | Field Angle (10%):   | 25.1°H x 24.3°V  |
| Beam Lumens:      | 13787.9 lumens                     | Field Lumens:        | 31372.3 lumens   |
| Beam Efficiency:  | 31.3%                              | Field Efficiency:    | 71.2%            |

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: 28.75 FT



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### Iso-Candela Plot





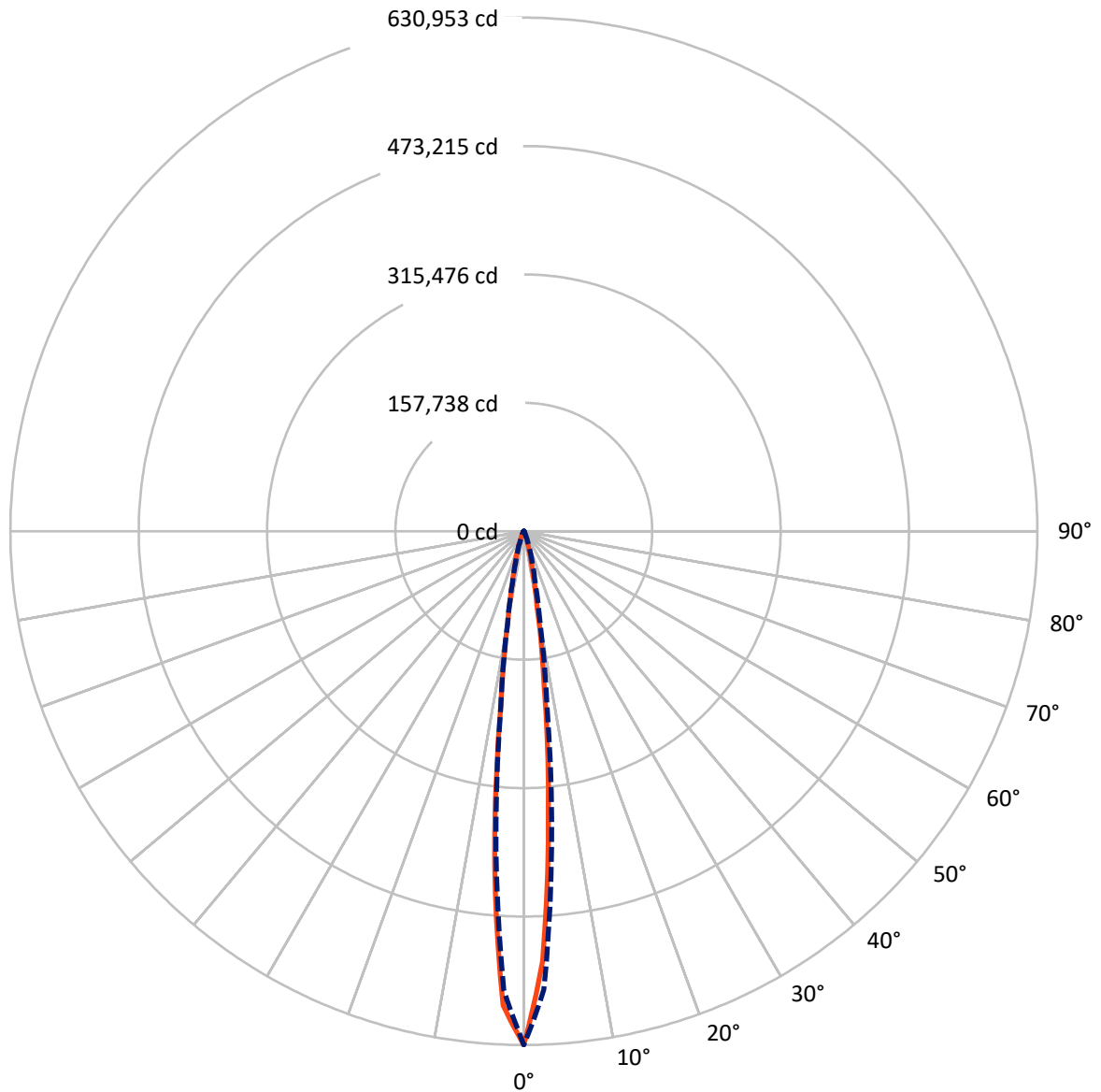
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### Lumen Table

|     |     |     |     |      |      |       |        |        |        |        |       |      |      |     |     |     |    |    |    |
|-----|-----|-----|-----|------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|----|----|----|
| 90  | 0.3 | 2.6 |     | 2.3  |      | 1.0   |        | 0.1    |        | 1.0    |       | 2.3  |      | 2.6 |     | 0.3 |    |    |    |
| 80  | 0.3 | 2.6 |     | 2.3  |      | 1.0   |        | 0.1    |        | 1.0    |       | 2.3  |      | 2.6 |     | 0.3 |    |    |    |
| 70  | 0.4 | 0.4 | 0.5 | 0.4  | 0.4  | 0.3   | 0.3    | 0.1    | 0.1    | 0.3    | 0.3   | 0.4  | 0.4  | 0.5 | 0.4 | 0.4 |    |    |    |
| 60  |     | 0.3 | 0.5 | 1.2  | 2.3  | 3.4   | 4.3    | 4.9    | 4.9    | 4.3    | 3.4   | 2.3  | 1.2  | 0.5 | 0.3 |     |    |    |    |
| 50  | 0.3 | 0.4 | 1.4 | 3.6  | 6.3  | 8.9   | 11.7   | 13.8   | 13.8   | 11.7   | 8.9   | 6.3  | 3.6  | 1.4 | 0.4 | 0.3 |    |    |    |
| 40  |     | 0.7 | 3.1 | 6.6  | 11.2 | 17.7  | 26.8   | 32.0   | 32.0   | 26.8   | 17.7  | 11.2 | 6.6  | 3.1 | 0.7 |     |    |    |    |
| 30  | 0.4 | 1.3 | 4.7 | 9.7  | 17.7 | 30.5  | 58.8   | 94.9   | 94.9   | 58.8   | 30.5  | 17.7 | 9.7  | 4.7 | 1.3 | 0.4 |    |    |    |
| 20  |     | 1.9 | 6.3 | 13.2 | 26.8 | 66.5  | 347.2  | 878.4  | 878.4  | 347.2  | 66.5  | 26.8 | 13.2 | 6.3 | 1.9 |     |    |    |    |
| 10  | 0.7 | 2.5 | 7.5 | 15.6 | 32.7 | 135.0 | 1118.3 | 6891.3 | 6891.3 | 1118.3 | 135.0 | 32.7 | 15.6 | 7.5 | 2.5 | 0.7 |    |    |    |
| 0   |     | 2.8 | 8.2 | 16.5 | 34.1 | 153.9 | 1230.6 | 7589.2 | 7589.2 | 1230.6 | 153.9 | 34.1 | 16.5 | 8.2 | 2.8 |     |    |    |    |
| -10 | 0.9 | 3.0 | 8.6 | 16.4 | 32.0 | 92.2  | 552.3  | 1331.0 | 1331.0 | 552.3  | 92.2  | 32.0 | 16.4 | 8.6 | 3.0 | 0.9 |    |    |    |
| -20 |     | 3.0 | 8.5 | 15.5 | 27.1 | 47.0  | 114.1  | 214.4  | 214.4  | 114.1  | 47.0  | 27.1 | 15.5 | 8.5 | 3.0 |     |    |    |    |
| -30 | 0.9 | 2.7 | 7.8 | 14.4 | 22.5 | 33.3  | 47.1   | 55.3   | 55.3   | 47.1   | 33.3  | 22.5 | 14.4 | 7.8 | 2.7 | 0.9 |    |    |    |
| -40 |     | 2.3 | 6.8 | 12.9 | 19.6 | 25.9  | 32.8   | 36.4   | 36.4   | 32.8   | 25.9  | 19.6 | 12.9 | 6.8 | 2.3 |     |    |    |    |
| -50 | 0.8 | 1.9 | 5.4 | 10.9 | 17.2 | 22.6  | 27.8   | 30.3   | 30.3   | 27.8   | 22.6  | 17.2 | 10.9 | 5.4 | 1.9 | 0.8 |    |    |    |
| -60 |     | 1.5 | 3.9 | 8.0  | 13.1 | 18.1  | 22.8   | 25.3   | 25.3   | 22.8   | 18.1  | 13.1 | 8.0  | 3.9 | 1.5 |     |    |    |    |
| -70 | 0.4 | 1.9 | 5.4 | 10.9 | 17.2 | 22.6  | 27.8   | 30.3   | 30.3   | 27.8   | 22.6  | 17.2 | 10.9 | 5.4 | 1.9 | 0.4 |    |    |    |
| -80 |     | 1.5 | 3.9 | 8.0  | 13.1 | 18.1  | 22.8   | 25.3   | 25.3   | 22.8   | 18.1  | 13.1 | 8.0  | 3.9 | 1.5 |     |    |    |    |
| -90 | 0.4 | 6.0 |     | 16.5 |      | 30.5  |        | 36.7   |        | 30.5   |       | 16.5 |      | 6.0 |     | 0.4 |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40   | -30    | -20    | -10    | 0      | 10    | 20   | 30   | 40  | 50  | 60  | 70 | 80 | 90 |

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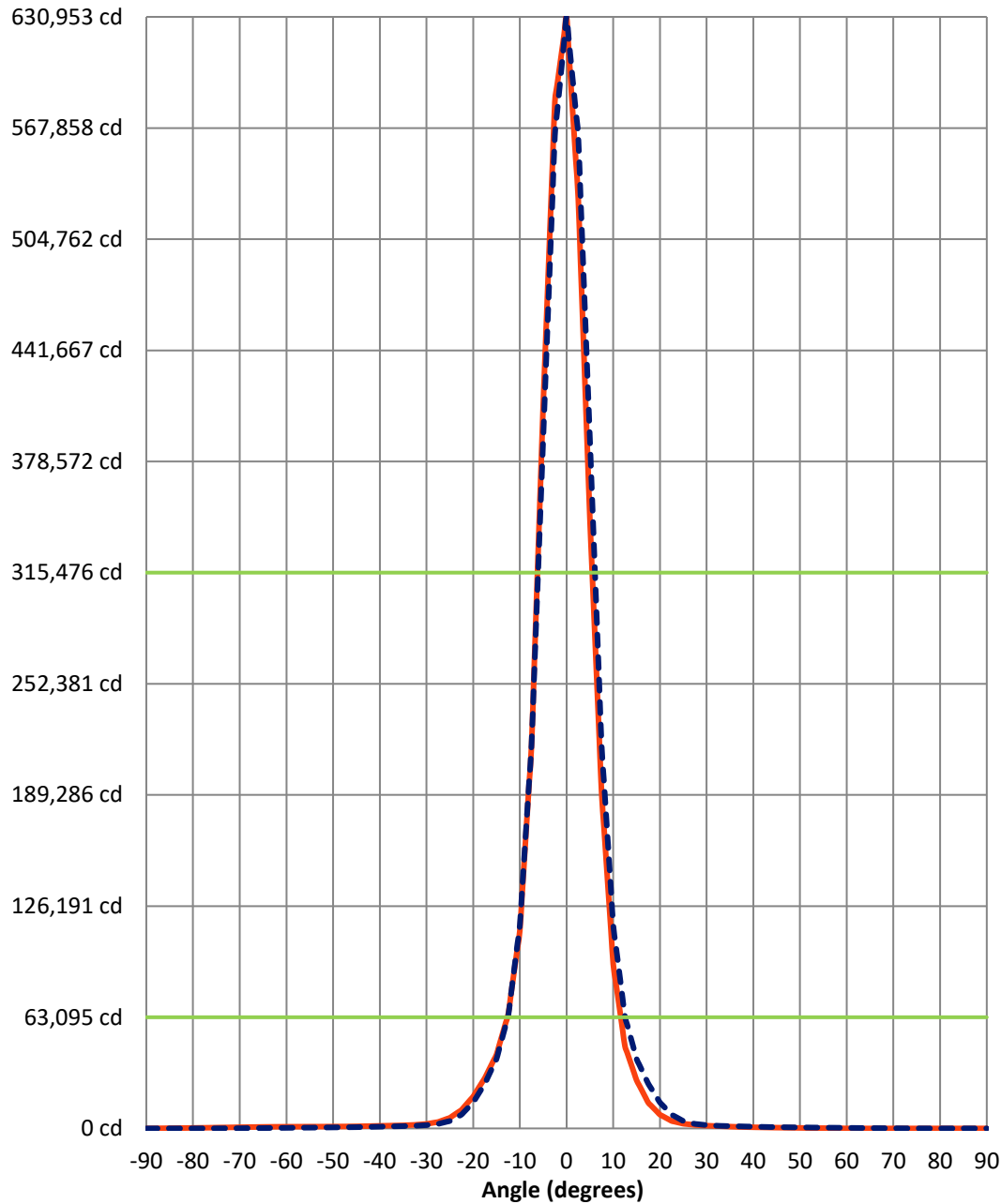
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.2°  
 V Angle: 11.7°  
 Lumens: 13787.9  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 31372.3  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 12700  
 Efficiency: 28.8%

— 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°  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 7.9    | 7.9    |
| 85°    | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 15.8   | 15.8   |
| 82.5°  | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 15.8    | 15.8   | 15.8   |
| 80°    | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 15.8    | 15.8   | 15.8   |
| 77.5°  | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 15.8   |
| 75°    | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 7.9    |
| 72.5°  | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 7.9    |
| 70°    | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 7.9    |
| 67.5°  | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 7.9    |
| 65°    | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 7.9    |
| 62.5°  | 0.0      | 0.0      | 0.0      | 0.0      | 7.9      | 7.9     | 7.9     | 7.9     | 7.9     | 7.9    | 7.9    |
| 60°    | 15.8     | 15.8     | 15.8     | 15.8     | 23.7     | 23.7    | 31.6    | 31.6    | 31.6    | 15.8   | 31.6   |
| 57.5°  | 126.3    | 126.3    | 118.4    | 110.5    | 102.6    | 94.7    | 94.7    | 94.7    | 94.7    | 94.7   | 79.0   |
| 55°    | 173.7    | 173.7    | 173.7    | 165.8    | 165.8    | 157.9   | 150.0   | 142.1   | 142.1   | 134.2  | 126.3  |
| 52.5°  | 205.3    | 205.3    | 205.3    | 205.3    | 197.4    | 197.4   | 197.4   | 189.5   | 173.7   | 173.7  | 165.8  |
| 50°    | 292.1    | 284.2    | 284.2    | 284.2    | 284.2    | 268.5   | 260.6   | 244.8   | 236.9   | 229.0  | 221.1  |
| 47.5°  | 379.0    | 379.0    | 371.1    | 371.1    | 363.2    | 347.4   | 331.6   | 315.8   | 300.0   | 292.1  | 276.3  |
| 45°    | 450.1    | 450.1    | 442.2    | 442.2    | 434.3    | 418.5   | 394.8   | 371.1   | 355.3   | 339.5  | 323.7  |
| 42.5°  | 552.7    | 544.8    | 536.9    | 529.0    | 513.2    | 489.5   | 458.0   | 426.4   | 402.7   | 379.0  | 363.2  |
| 40°    | 663.2    | 663.2    | 655.3    | 647.4    | 623.8    | 600.1   | 560.6   | 521.1   | 481.6   | 434.3  | 410.6  |
| 37.5°  | 797.5    | 805.4    | 813.3    | 813.3    | 797.5    | 765.9   | 710.6   | 663.2   | 600.1   | 536.9  | 505.3  |
| 35°    | 1042.2   | 1042.2   | 1058.0   | 1058.0   | 1034.3   | 994.9   | 955.4   | 852.7   | 773.8   | 694.8  | 623.8  |
| 32.5°  | 1310.7   | 1318.6   | 1287.0   | 1263.3   | 1231.7   | 1184.4  | 1113.3  | 1026.4  | 939.6   | 836.9  | 758.0  |
| 30°    | 1571.2   | 1571.2   | 1531.8   | 1484.4   | 1421.2   | 1342.3  | 1255.4  | 1160.7  | 1058.0  | 955.4  | 860.6  |
| 27.5°  | 1981.8   | 1942.3   | 1910.8   | 1831.8   | 1721.3   | 1571.2  | 1460.7  | 1310.7  | 1176.5  | 1058.0 | 955.4  |
| 25°    | 2660.8   | 2653.0   | 2581.9   | 2447.7   | 2226.6   | 1989.7  | 1808.1  | 1555.5  | 1350.2  | 1168.6 | 1050.1 |
| 22.5°  | 4232.1   | 4176.8   | 4011.0   | 3679.4   | 3158.3   | 2747.7  | 2376.6  | 1981.8  | 1610.7  | 1366.0 | 1176.5 |
| 20°    | 7824.6   | 7643.0   | 7200.9   | 6285.0   | 5116.4   | 4311.0  | 3387.3  | 2724.0  | 2100.3  | 1642.3 | 1358.1 |
| 17.5°  | 14599.1  | 14480.7  | 14314.9  | 12198.8  | 9822.2   | 8116.8  | 6040.2  | 4176.8  | 2984.6  | 2147.6 | 1610.7 |
| 15°    | 27366.5  | 26490.1  | 24658.3  | 22123.7  | 18799.7  | 14528.1 | 10682.9 | 6742.9  | 4263.7  | 2858.2 | 2045.0 |
| 12.5°  | 46782.0  | 45810.8  | 41081.3  | 34741.1  | 28764.0  | 22684.3 | 15925.6 | 10248.6 | 6071.8  | 3632.0 | 2424.0 |
| 10°    | 93216.6  | 86165.7  | 72924.6  | 54425.0  | 42478.8  | 31677.5 | 22360.6 | 13983.3 | 7903.6  | 4587.4 | 2874.0 |
| 7.5°   | 190925.8 | 167886.2 | 129371.0 | 91329.5  | 59115.1  | 41547.1 | 28558.7 | 18286.4 | 10532.9 | 5740.2 | 3284.6 |
| 5°     | 346044.6 | 305168.6 | 229906.9 | 138435.2 | 85842.0  | 52072.1 | 33888.3 | 21744.7 | 12467.3 | 6679.8 | 3695.2 |
| 2.5°   | 528387.8 | 475510.3 | 332385.1 | 190357.3 | 105849.7 | 60220.5 | 37615.1 | 24018.7 | 13699.0 | 7319.3 | 4011.0 |
| 0°     | 630952.9 | 563602.6 | 391437.0 | 217937.0 | 115379.8 | 63678.8 | 39439.0 | 25384.7 | 14741.3 | 7840.4 | 4216.3 |
| -2.5°  | 582844.4 | 528624.7 | 359735.8 | 202445.6 | 110255.5 | 62162.8 | 39699.6 | 25724.2 | 14915.0 | 7982.5 | 4311.0 |
| -5°    | 410789.3 | 366289.2 | 248911.8 | 149394.4 | 93548.2  | 57259.6 | 37457.2 | 24445.1 | 14433.3 | 7777.3 | 4271.6 |
| -7.5°  | 217329.0 | 197195.0 | 147617.9 | 107349.9 | 68282.0  | 48463.8 | 33722.5 | 22179.0 | 13185.8 | 7224.6 | 4034.7 |
| -10°   | 112284.7 | 108155.2 | 93200.8  | 70255.9  | 55254.1  | 40599.7 | 28779.8 | 18965.5 | 11022.4 | 6221.8 | 3632.0 |
| -12.5° | 64736.8  | 64034.1  | 59225.6  | 50840.4  | 42368.3  | 33351.4 | 23616.0 | 15467.7 | 9198.5  | 5155.9 | 3063.5 |
| -15°   | 41918.2  | 42218.3  | 40544.4  | 37054.5  | 32230.2  | 24958.3 | 18144.3 | 11504.0 | 6806.1  | 4176.8 | 2700.3 |
| -17.5° | 28606.1  | 28527.1  | 27745.5  | 25353.1  | 21468.4  | 16857.3 | 12025.1 | 8124.7  | 5155.9  | 3253.0 | 2242.4 |
| -20°   | 18096.9  | 18128.5  | 17402.1  | 15751.9  | 12893.7  | 10390.7 | 7485.1  | 5479.6  | 3655.7  | 2558.2 | 1981.8 |



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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° | 10501.3 | 10525.0 | 10067.0 | 9135.3 | 7635.1 | 6158.6 | 4863.7 | 3624.1 | 2692.4 | 2131.8 | 1737.1 |
| -25°   | 6032.3  | 5937.6  | 5756.0  | 5305.9 | 4603.2 | 3797.8 | 3229.3 | 2550.3 | 2155.5 | 1808.1 | 1587.0 |
| -27.5° | 3655.7  | 3592.5  | 3497.8  | 3300.4 | 3024.1 | 2621.4 | 2360.8 | 2060.8 | 1831.8 | 1626.5 | 1492.3 |
| -30°   | 2550.3  | 2574.0  | 2495.0  | 2392.4 | 2266.1 | 2084.5 | 1942.3 | 1800.2 | 1650.2 | 1523.9 | 1397.5 |
| -32.5° | 2029.2  | 2045.0  | 2005.5  | 1966.0 | 1902.9 | 1831.8 | 1744.9 | 1642.3 | 1523.9 | 1405.4 | 1287.0 |
| -35°   | 1744.9  | 1752.8  | 1752.8  | 1744.9 | 1729.2 | 1673.9 | 1610.7 | 1516.0 | 1405.4 | 1294.9 | 1192.2 |
| -37.5° | 1602.8  | 1610.7  | 1610.7  | 1602.8 | 1579.1 | 1531.8 | 1468.6 | 1389.6 | 1287.0 | 1184.4 | 1105.4 |
| -40°   | 1452.8  | 1460.7  | 1452.8  | 1437.0 | 1413.3 | 1366.0 | 1318.6 | 1255.4 | 1176.5 | 1089.6 | 1018.5 |
| -42.5° | 1310.7  | 1302.8  | 1294.9  | 1279.1 | 1255.4 | 1223.8 | 1184.4 | 1137.0 | 1081.7 | 1018.5 | 963.3  |
| -45°   | 1176.5  | 1176.5  | 1168.6  | 1160.7 | 1144.9 | 1121.2 | 1097.5 | 1058.0 | 1018.5 | 971.2  | 923.8  |
| -47.5° | 1105.4  | 1105.4  | 1097.5  | 1089.6 | 1081.7 | 1065.9 | 1042.2 | 1010.6 | 979.1  | 939.6  | 900.1  |
| -50°   | 1058.0  | 1058.0  | 1058.0  | 1050.1 | 1042.2 | 1026.4 | 1002.8 | 979.1  | 947.5  | 908.0  | 868.5  |
| -52.5° | 1026.4  | 1026.4  | 1026.4  | 1018.5 | 1010.6 | 1002.8 | 979.1  | 947.5  | 908.0  | 876.4  | 844.8  |
| -55°   | 1010.6  | 1002.8  | 1002.8  | 994.9  | 987.0  | 979.1  | 947.5  | 915.9  | 884.3  | 852.7  | 821.2  |
| -57.5° | 987.0   | 979.1   | 979.1   | 971.2  | 963.3  | 955.4  | 923.8  | 892.2  | 860.6  | 821.2  | 797.5  |
| -60°   | 963.3   | 955.4   | 955.4   | 939.6  | 931.7  | 923.8  | 892.2  | 860.6  | 829.0  | 797.5  | 765.9  |
| -62.5° | 931.7   | 923.8   | 915.9   | 908.0  | 892.2  | 876.4  | 852.7  | 821.2  | 781.7  | 750.1  | 718.5  |
| -65°   | 860.6   | 852.7   | 844.8   | 836.9  | 829.0  | 821.2  | 797.5  | 758.0  | 726.4  | 694.8  | 663.2  |
| -67.5° | 773.8   | 773.8   | 773.8   | 758.0  | 750.1  | 734.3  | 718.5  | 686.9  | 655.3  | 623.8  | 600.1  |
| -70°   | 671.1   | 671.1   | 671.1   | 655.3  | 647.4  | 639.6  | 615.9  | 592.2  | 568.5  | 544.8  | 513.2  |
| -72.5° | 568.5   | 560.6   | 560.6   | 552.7  | 536.9  | 529.0  | 513.2  | 497.4  | 473.7  | 458.0  | 434.3  |
| -75°   | 465.8   | 458.0   | 458.0   | 450.1  | 442.2  | 434.3  | 418.5  | 410.6  | 394.8  | 379.0  | 355.3  |
| -77.5° | 371.1   | 371.1   | 371.1   | 363.2  | 355.3  | 347.4  | 339.5  | 331.6  | 323.7  | 307.9  | 292.1  |
| -80°   | 284.2   | 284.2   | 284.2   | 284.2  | 284.2  | 284.2  | 284.2  | 276.3  | 260.6  | 252.7  | 244.8  |
| -82.5° | 205.3   | 213.2   | 213.2   | 213.2  | 213.2  | 213.2  | 213.2  | 213.2  | 205.3  | 197.4  | 189.5  |
| -85°   | 134.2   | 142.1   | 142.1   | 150.0  | 157.9  | 157.9  | 165.8  | 157.9  | 150.0  | 134.2  | 126.3  |
| -87.5° | 71.1    | 71.1    | 71.1    | 71.1   | 71.1   | 71.1   | 71.1   | 63.2   | 63.2   | 63.2   | 55.3   |
| -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°  | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 7.9    | 7.9   | 7.9   | 15.8  | 15.8  | 15.8  |
| 85°    | 15.8   | 15.8   | 15.8   | 15.8   | 23.7   | 23.7   | 23.7  | 31.6  | 31.6  | 31.6  | 31.6  |
| 82.5°  | 15.8   | 23.7   | 23.7   | 23.7   | 31.6   | 31.6   | 39.5  | 47.4  | 63.2  | 71.1  | 71.1  |
| 80°    | 15.8   | 23.7   | 23.7   | 23.7   | 31.6   | 31.6   | 39.5  | 39.5  | 47.4  | 55.3  | 71.1  |
| 77.5°  | 15.8   | 15.8   | 23.7   | 23.7   | 23.7   | 31.6   | 31.6  | 39.5  | 39.5  | 47.4  | 55.3  |
| 75°    | 7.9    | 15.8   | 15.8   | 15.8   | 23.7   | 23.7   | 31.6  | 31.6  | 39.5  | 39.5  | 47.4  |
| 72.5°  | 7.9    | 15.8   | 15.8   | 15.8   | 23.7   | 23.7   | 31.6  | 31.6  | 31.6  | 39.5  | 39.5  |
| 70°    | 7.9    | 15.8   | 15.8   | 15.8   | 15.8   | 23.7   | 23.7  | 23.7  | 31.6  | 31.6  | 31.6  |
| 67.5°  | 7.9    | 7.9    | 7.9    | 15.8   | 15.8   | 15.8   | 15.8  | 23.7  | 23.7  | 23.7  | 31.6  |
| 65°    | 7.9    | 7.9    | 7.9    | 7.9    | 15.8   | 15.8   | 15.8  | 15.8  | 23.7  | 23.7  | 23.7  |
| 62.5°  | 7.9    | 7.9    | 7.9    | 15.8   | 15.8   | 15.8   | 15.8  | 15.8  | 23.7  | 23.7  | 23.7  |
| 60°    | 31.6   | 31.6   | 23.7   | 23.7   | 23.7   | 23.7   | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  |
| 57.5°  | 71.1   | 71.1   | 63.2   | 55.3   | 47.4   | 47.4   | 39.5  | 31.6  | 31.6  | 23.7  | 23.7  |
| 55°    | 118.4  | 110.5  | 102.6  | 86.9   | 79.0   | 71.1   | 63.2  | 47.4  | 39.5  | 31.6  | 23.7  |
| 52.5°  | 150.0  | 142.1  | 134.2  | 126.3  | 110.5  | 94.7   | 86.9  | 79.0  | 63.2  | 47.4  | 39.5  |
| 50°    | 221.1  | 197.4  | 181.6  | 165.8  | 150.0  | 134.2  | 118.4 | 110.5 | 86.9  | 71.1  | 55.3  |
| 47.5°  | 268.5  | 252.7  | 229.0  | 213.2  | 197.4  | 173.7  | 150.0 | 134.2 | 118.4 | 94.7  | 71.1  |
| 45°    | 307.9  | 292.1  | 268.5  | 252.7  | 236.9  | 213.2  | 189.5 | 165.8 | 150.0 | 126.3 | 94.7  |
| 42.5°  | 347.4  | 331.6  | 307.9  | 292.1  | 268.5  | 244.8  | 221.1 | 197.4 | 173.7 | 157.9 | 126.3 |
| 40°    | 402.7  | 379.0  | 347.4  | 331.6  | 315.8  | 284.2  | 252.7 | 229.0 | 205.3 | 181.6 | 150.0 |
| 37.5°  | 473.7  | 450.1  | 410.6  | 379.0  | 355.3  | 331.6  | 300.0 | 268.5 | 244.8 | 213.2 | 181.6 |
| 35°    | 584.3  | 544.8  | 489.5  | 442.2  | 410.6  | 379.0  | 339.5 | 307.9 | 276.3 | 244.8 | 213.2 |
| 32.5°  | 694.8  | 631.7  | 560.6  | 505.3  | 458.0  | 418.5  | 379.0 | 347.4 | 307.9 | 268.5 | 236.9 |
| 30°    | 781.7  | 710.6  | 639.6  | 560.6  | 505.3  | 458.0  | 418.5 | 379.0 | 339.5 | 300.0 | 260.6 |
| 27.5°  | 868.5  | 789.6  | 710.6  | 631.7  | 552.7  | 489.5  | 450.1 | 410.6 | 371.1 | 331.6 | 284.2 |
| 25°    | 955.4  | 868.5  | 789.6  | 702.7  | 608.0  | 536.9  | 481.6 | 450.1 | 410.6 | 363.2 | 307.9 |
| 22.5°  | 1034.3 | 955.4  | 876.4  | 781.7  | 671.1  | 576.4  | 521.1 | 481.6 | 442.2 | 386.9 | 339.5 |
| 20°    | 1184.4 | 1081.7 | 987.0  | 868.5  | 742.2  | 647.4  | 576.4 | 521.1 | 473.7 | 418.5 | 363.2 |
| 17.5°  | 1381.7 | 1231.7 | 1105.4 | 971.2  | 844.8  | 726.4  | 623.8 | 560.6 | 513.2 | 450.1 | 386.9 |
| 15°    | 1634.4 | 1373.9 | 1215.9 | 1081.7 | 931.7  | 797.5  | 686.9 | 600.1 | 536.9 | 473.7 | 418.5 |
| 12.5°  | 1823.9 | 1484.4 | 1310.7 | 1184.4 | 1026.4 | 876.4  | 734.3 | 631.7 | 560.6 | 497.4 | 434.3 |
| 10°    | 2037.1 | 1602.8 | 1389.6 | 1247.5 | 1081.7 | 915.9  | 765.9 | 655.3 | 576.4 | 521.1 | 458.0 |
| 7.5°   | 2210.8 | 1697.6 | 1429.1 | 1271.2 | 1113.3 | 947.5  | 797.5 | 679.0 | 600.1 | 536.9 | 473.7 |
| 5°     | 2368.7 | 1776.5 | 1460.7 | 1279.1 | 1129.1 | 971.2  | 813.3 | 694.8 | 615.9 | 552.7 | 489.5 |
| 2.5°   | 2479.2 | 1847.6 | 1492.3 | 1294.9 | 1144.9 | 987.0  | 836.9 | 710.6 | 631.7 | 568.5 | 505.3 |
| 0°     | 2574.0 | 1871.3 | 1484.4 | 1294.9 | 1152.8 | 987.0  | 844.8 | 718.5 | 639.6 | 576.4 | 513.2 |
| -2.5°  | 2605.6 | 1910.8 | 1523.9 | 1310.7 | 1168.6 | 1002.8 | 860.6 | 726.4 | 647.4 | 584.3 | 529.0 |
| -5°    | 2605.6 | 1879.2 | 1523.9 | 1326.5 | 1176.5 | 1010.6 | 860.6 | 734.3 | 655.3 | 592.2 | 529.0 |
| -7.5°  | 2510.8 | 1831.8 | 1516.0 | 1342.3 | 1184.4 | 1018.5 | 860.6 | 742.2 | 663.2 | 600.1 | 536.9 |
| -10°   | 2345.0 | 1760.7 | 1508.1 | 1350.2 | 1184.4 | 1010.6 | 860.6 | 742.2 | 663.2 | 600.1 | 544.8 |
| -12.5° | 2076.6 | 1666.0 | 1468.6 | 1334.4 | 1168.6 | 994.9  | 852.7 | 742.2 | 663.2 | 608.0 | 544.8 |
| -15°   | 1942.3 | 1587.0 | 1421.2 | 1287.0 | 1129.1 | 971.2  | 836.9 | 734.3 | 663.2 | 608.0 | 552.7 |
| -17.5° | 1760.7 | 1523.9 | 1373.9 | 1239.6 | 1097.5 | 947.5  | 821.2 | 734.3 | 663.2 | 600.1 | 552.7 |
| -20°   | 1634.4 | 1452.8 | 1318.6 | 1200.1 | 1058.0 | 923.8  | 813.3 | 726.4 | 663.2 | 600.1 | 552.7 |



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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° | 1523.9 | 1373.9 | 1255.4 | 1137.0 | 1010.6 | 892.2 | 797.5 | 718.5 | 655.3 | 600.1 | 552.7 |
| -25°   | 1437.0 | 1302.8 | 1192.2 | 1081.7 | 971.2  | 868.5 | 781.7 | 710.6 | 647.4 | 600.1 | 544.8 |
| -27.5° | 1358.1 | 1231.7 | 1129.1 | 1026.4 | 923.8  | 844.8 | 765.9 | 702.7 | 647.4 | 592.2 | 536.9 |
| -30°   | 1271.2 | 1168.6 | 1065.9 | 971.2  | 900.1  | 821.2 | 750.1 | 686.9 | 639.6 | 584.3 | 529.0 |
| -32.5° | 1184.4 | 1089.6 | 1002.8 | 931.7  | 868.5  | 805.4 | 742.2 | 679.0 | 623.8 | 568.5 | 513.2 |
| -35°   | 1105.4 | 1018.5 | 955.4  | 892.2  | 844.8  | 789.6 | 726.4 | 663.2 | 615.9 | 560.6 | 513.2 |
| -37.5° | 1026.4 | 963.3  | 908.0  | 860.6  | 813.3  | 765.9 | 702.7 | 647.4 | 600.1 | 544.8 | 489.5 |
| -40°   | 963.3  | 915.9  | 876.4  | 836.9  | 789.6  | 734.3 | 686.9 | 631.7 | 584.3 | 529.0 | 465.8 |
| -42.5° | 923.8  | 884.3  | 844.8  | 805.4  | 765.9  | 718.5 | 671.1 | 615.9 | 568.5 | 513.2 | 450.1 |
| -45°   | 884.3  | 852.7  | 821.2  | 789.6  | 750.1  | 702.7 | 647.4 | 592.2 | 544.8 | 489.5 | 442.2 |
| -47.5° | 860.6  | 829.0  | 797.5  | 773.8  | 742.2  | 679.0 | 631.7 | 576.4 | 521.1 | 473.7 | 418.5 |
| -50°   | 836.9  | 805.4  | 781.7  | 750.1  | 710.6  | 655.3 | 608.0 | 552.7 | 505.3 | 450.1 | 402.7 |
| -52.5° | 813.3  | 781.7  | 750.1  | 718.5  | 679.0  | 631.7 | 584.3 | 536.9 | 481.6 | 426.4 | 379.0 |
| -55°   | 789.6  | 758.0  | 726.4  | 694.8  | 655.3  | 615.9 | 568.5 | 505.3 | 450.1 | 394.8 | 347.4 |
| -57.5° | 765.9  | 742.2  | 702.7  | 663.2  | 623.8  | 584.3 | 529.0 | 473.7 | 418.5 | 363.2 | 323.7 |
| -60°   | 734.3  | 702.7  | 671.1  | 623.8  | 584.3  | 536.9 | 489.5 | 442.2 | 386.9 | 339.5 | 300.0 |
| -62.5° | 686.9  | 655.3  | 623.8  | 576.4  | 536.9  | 497.4 | 458.0 | 402.7 | 363.2 | 315.8 | 276.3 |
| -65°   | 631.7  | 600.1  | 568.5  | 529.0  | 489.5  | 450.1 | 418.5 | 371.1 | 331.6 | 292.1 | 260.6 |
| -67.5° | 568.5  | 536.9  | 513.2  | 473.7  | 442.2  | 402.7 | 371.1 | 331.6 | 292.1 | 260.6 | 229.0 |
| -70°   | 489.5  | 465.8  | 442.2  | 410.6  | 379.0  | 347.4 | 315.8 | 284.2 | 252.7 | 229.0 | 197.4 |
| -72.5° | 418.5  | 394.8  | 371.1  | 347.4  | 323.7  | 292.1 | 268.5 | 244.8 | 221.1 | 197.4 | 181.6 |
| -75°   | 339.5  | 323.7  | 307.9  | 292.1  | 268.5  | 244.8 | 229.0 | 205.3 | 189.5 | 173.7 | 165.8 |
| -77.5° | 284.2  | 268.5  | 252.7  | 236.9  | 221.1  | 205.3 | 189.5 | 173.7 | 165.8 | 157.9 | 150.0 |
| -80°   | 229.0  | 221.1  | 213.2  | 197.4  | 189.5  | 173.7 | 165.8 | 150.0 | 150.0 | 150.0 | 150.0 |
| -82.5° | 181.6  | 173.7  | 165.8  | 157.9  | 150.0  | 142.1 | 142.1 | 134.2 | 142.1 | 142.1 | 134.2 |
| -85°   | 126.3  | 118.4  | 110.5  | 110.5  | 102.6  | 102.6 | 94.7  | 94.7  | 94.7  | 86.9  | 86.9  |
| -87.5° | 55.3   | 55.3   | 55.3   | 55.3   | 47.4   | 47.4  | 47.4  | 47.4  | 47.4  | 39.5  | 39.5  |
| -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°  | 15.8  | 15.8  | 7.9   | 7.9   | 7.9   | 7.9   | 7.9   | 7.9   | 7.9  | 0.0   | 0.0  |
| 85°    | 31.6  | 31.6  | 23.7  | 23.7  | 23.7  | 15.8  | 15.8  | 7.9   | 7.9  | 7.9   | 7.9  |
| 82.5°  | 71.1  | 63.2  | 55.3  | 47.4  | 39.5  | 31.6  | 23.7  | 15.8  | 15.8 | 7.9   | 7.9  |
| 80°    | 86.9  | 86.9  | 86.9  | 79.0  | 63.2  | 47.4  | 31.6  | 23.7  | 15.8 | 7.9   | 7.9  |
| 77.5°  | 63.2  | 63.2  | 71.1  | 79.0  | 79.0  | 63.2  | 39.5  | 23.7  | 15.8 | 15.8  | 7.9  |
| 75°    | 47.4  | 47.4  | 47.4  | 55.3  | 63.2  | 63.2  | 47.4  | 31.6  | 15.8 | 15.8  | 7.9  |
| 72.5°  | 47.4  | 47.4  | 47.4  | 47.4  | 47.4  | 47.4  | 47.4  | 31.6  | 23.7 | 15.8  | 15.8 |
| 70°    | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 39.5  | 31.6  | 23.7 | 15.8  | 15.8 |
| 67.5°  | 31.6  | 31.6  | 39.5  | 39.5  | 39.5  | 31.6  | 31.6  | 31.6  | 23.7 | 15.8  | 15.8 |
| 65°    | 23.7  | 31.6  | 31.6  | 39.5  | 31.6  | 31.6  | 31.6  | 23.7  | 23.7 | 15.8  | 15.8 |
| 62.5°  | 23.7  | 23.7  | 31.6  | 31.6  | 31.6  | 31.6  | 23.7  | 23.7  | 23.7 | 15.8  | 15.8 |
| 60°    | 23.7  | 23.7  | 23.7  | 31.6  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7 | 15.8  | 15.8 |
| 57.5°  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 15.8  | 15.8 | 15.8  | 15.8 |
| 55°    | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 15.8  | 15.8  | 15.8 | 15.8  | 15.8 |
| 52.5°  | 31.6  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 15.8  | 15.8  | 15.8 | 15.8  | 15.8 |
| 50°    | 39.5  | 23.7  | 23.7  | 23.7  | 23.7  | 15.8  | 15.8  | 15.8  | 15.8 | 15.8  | 15.8 |
| 47.5°  | 55.3  | 39.5  | 31.6  | 23.7  | 23.7  | 15.8  | 15.8  | 15.8  | 15.8 | 15.8  | 7.9  |
| 45°    | 79.0  | 55.3  | 39.5  | 31.6  | 23.7  | 15.8  | 15.8  | 15.8  | 15.8 | 15.8  | 7.9  |
| 42.5°  | 94.7  | 71.1  | 47.4  | 39.5  | 31.6  | 23.7  | 15.8  | 15.8  | 15.8 | 7.9   | 7.9  |
| 40°    | 118.4 | 94.7  | 63.2  | 47.4  | 31.6  | 23.7  | 15.8  | 15.8  | 15.8 | 7.9   | 7.9  |
| 37.5°  | 150.0 | 118.4 | 79.0  | 55.3  | 39.5  | 23.7  | 23.7  | 15.8  | 15.8 | 7.9   | 7.9  |
| 35°    | 173.7 | 134.2 | 102.6 | 63.2  | 47.4  | 31.6  | 23.7  | 15.8  | 15.8 | 7.9   | 7.9  |
| 32.5°  | 197.4 | 157.9 | 126.3 | 79.0  | 55.3  | 39.5  | 31.6  | 15.8  | 15.8 | 7.9   | 7.9  |
| 30°    | 221.1 | 181.6 | 142.1 | 102.6 | 71.1  | 47.4  | 31.6  | 15.8  | 15.8 | 7.9   | 7.9  |
| 27.5°  | 244.8 | 197.4 | 157.9 | 118.4 | 79.0  | 55.3  | 39.5  | 23.7  | 15.8 | 7.9   | 7.9  |
| 25°    | 268.5 | 221.1 | 173.7 | 134.2 | 86.9  | 63.2  | 39.5  | 23.7  | 15.8 | 15.8  | 7.9  |
| 22.5°  | 284.2 | 244.8 | 197.4 | 150.0 | 102.6 | 71.1  | 47.4  | 31.6  | 15.8 | 15.8  | 7.9  |
| 20°    | 307.9 | 268.5 | 213.2 | 165.8 | 118.4 | 79.0  | 47.4  | 31.6  | 15.8 | 15.8  | 7.9  |
| 17.5°  | 331.6 | 284.2 | 229.0 | 181.6 | 134.2 | 86.9  | 55.3  | 39.5  | 15.8 | 15.8  | 7.9  |
| 15°    | 355.3 | 300.0 | 244.8 | 189.5 | 142.1 | 94.7  | 55.3  | 39.5  | 15.8 | 15.8  | 7.9  |
| 12.5°  | 379.0 | 323.7 | 260.6 | 205.3 | 150.0 | 102.6 | 63.2  | 47.4  | 23.7 | 15.8  | 7.9  |
| 10°    | 394.8 | 339.5 | 276.3 | 213.2 | 157.9 | 118.4 | 71.1  | 47.4  | 23.7 | 15.8  | 7.9  |
| 7.5°   | 418.5 | 355.3 | 292.1 | 229.0 | 165.8 | 126.3 | 79.0  | 47.4  | 23.7 | 15.8  | 7.9  |
| 5°     | 426.4 | 371.1 | 300.0 | 244.8 | 173.7 | 134.2 | 86.9  | 55.3  | 23.7 | 15.8  | 7.9  |
| 2.5°   | 434.3 | 386.9 | 307.9 | 252.7 | 181.6 | 134.2 | 86.9  | 55.3  | 31.6 | 15.8  | 7.9  |
| 0°     | 442.2 | 394.8 | 315.8 | 260.6 | 189.5 | 142.1 | 94.7  | 55.3  | 31.6 | 15.8  | 7.9  |
| -2.5°  | 450.1 | 402.7 | 331.6 | 268.5 | 197.4 | 150.0 | 102.6 | 55.3  | 31.6 | 15.8  | 7.9  |
| -5°    | 458.0 | 402.7 | 347.4 | 276.3 | 205.3 | 150.0 | 102.6 | 63.2  | 39.5 | 15.8  | 7.9  |
| -7.5°  | 465.8 | 410.6 | 355.3 | 284.2 | 213.2 | 150.0 | 110.5 | 63.2  | 39.5 | 23.7  | 7.9  |
| -10°   | 473.7 | 418.5 | 363.2 | 292.1 | 213.2 | 157.9 | 110.5 | 63.2  | 39.5 | 23.7  | 7.9  |
| -12.5° | 481.6 | 426.4 | 363.2 | 292.1 | 221.1 | 157.9 | 110.5 | 71.1  | 39.5 | 23.7  | 7.9  |
| -15°   | 489.5 | 426.4 | 363.2 | 292.1 | 221.1 | 165.8 | 118.4 | 71.1  | 39.5 | 23.7  | 15.8 |
| -17.5° | 489.5 | 426.4 | 363.2 | 300.0 | 221.1 | 165.8 | 118.4 | 71.1  | 39.5 | 23.7  | 15.8 |
| -20°   | 489.5 | 426.4 | 363.2 | 300.0 | 221.1 | 165.8 | 118.4 | 71.1  | 39.5 | 23.7  | 15.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°  | 77.5° | 80°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| -22.5° | 481.6 | 418.5 | 363.2 | 292.1 | 221.1 | 165.8 | 118.4 | 71.1  | 47.4 | 23.7  | 15.8 |
| -25°   | 481.6 | 418.5 | 363.2 | 292.1 | 221.1 | 165.8 | 110.5 | 71.1  | 47.4 | 23.7  | 15.8 |
| -27.5° | 473.7 | 418.5 | 355.3 | 284.2 | 213.2 | 157.9 | 110.5 | 71.1  | 47.4 | 23.7  | 15.8 |
| -30°   | 465.8 | 410.6 | 347.4 | 276.3 | 213.2 | 157.9 | 110.5 | 71.1  | 47.4 | 23.7  | 15.8 |
| -32.5° | 458.0 | 394.8 | 339.5 | 268.5 | 205.3 | 150.0 | 110.5 | 71.1  | 47.4 | 23.7  | 15.8 |
| -35°   | 442.2 | 386.9 | 323.7 | 260.6 | 197.4 | 150.0 | 102.6 | 71.1  | 47.4 | 31.6  | 15.8 |
| -37.5° | 426.4 | 371.1 | 315.8 | 252.7 | 189.5 | 142.1 | 102.6 | 71.1  | 47.4 | 31.6  | 15.8 |
| -40°   | 410.6 | 363.2 | 300.0 | 236.9 | 181.6 | 134.2 | 102.6 | 71.1  | 47.4 | 31.6  | 23.7 |
| -42.5° | 394.8 | 347.4 | 292.1 | 229.0 | 181.6 | 134.2 | 94.7  | 71.1  | 47.4 | 31.6  | 23.7 |
| -45°   | 386.9 | 339.5 | 276.3 | 221.1 | 173.7 | 134.2 | 94.7  | 63.2  | 47.4 | 31.6  | 23.7 |
| -47.5° | 371.1 | 315.8 | 260.6 | 213.2 | 165.8 | 126.3 | 86.9  | 63.2  | 47.4 | 31.6  | 23.7 |
| -50°   | 347.4 | 300.0 | 252.7 | 205.3 | 157.9 | 118.4 | 86.9  | 63.2  | 47.4 | 31.6  | 23.7 |
| -52.5° | 323.7 | 276.3 | 236.9 | 189.5 | 150.0 | 118.4 | 86.9  | 63.2  | 47.4 | 31.6  | 23.7 |
| -55°   | 300.0 | 260.6 | 221.1 | 181.6 | 142.1 | 110.5 | 79.0  | 63.2  | 47.4 | 31.6  | 23.7 |
| -57.5° | 284.2 | 244.8 | 205.3 | 165.8 | 134.2 | 102.6 | 79.0  | 55.3  | 39.5 | 31.6  | 23.7 |
| -60°   | 268.5 | 229.0 | 189.5 | 157.9 | 126.3 | 102.6 | 79.0  | 55.3  | 39.5 | 31.6  | 15.8 |
| -62.5° | 244.8 | 213.2 | 173.7 | 150.0 | 118.4 | 94.7  | 71.1  | 55.3  | 39.5 | 31.6  | 15.8 |
| -65°   | 221.1 | 189.5 | 157.9 | 134.2 | 110.5 | 86.9  | 71.1  | 55.3  | 39.5 | 31.6  | 15.8 |
| -67.5° | 197.4 | 173.7 | 150.0 | 126.3 | 102.6 | 86.9  | 71.1  | 55.3  | 39.5 | 23.7  | 15.8 |
| -70°   | 181.6 | 157.9 | 134.2 | 118.4 | 102.6 | 79.0  | 71.1  | 55.3  | 39.5 | 23.7  | 15.8 |
| -72.5° | 157.9 | 142.1 | 126.3 | 110.5 | 94.7  | 86.9  | 71.1  | 55.3  | 31.6 | 23.7  | 15.8 |
| -75°   | 150.0 | 134.2 | 118.4 | 110.5 | 102.6 | 86.9  | 71.1  | 47.4  | 31.6 | 23.7  | 15.8 |
| -77.5° | 150.0 | 134.2 | 126.3 | 118.4 | 102.6 | 86.9  | 63.2  | 39.5  | 23.7 | 23.7  | 15.8 |
| -80°   | 150.0 | 142.1 | 134.2 | 110.5 | 94.7  | 71.1  | 47.4  | 39.5  | 23.7 | 15.8  | 7.9  |
| -82.5° | 134.2 | 110.5 | 94.7  | 79.0  | 71.1  | 55.3  | 39.5  | 31.6  | 15.8 | 15.8  | 7.9  |
| -85°   | 86.9  | 71.1  | 63.2  | 55.3  | 47.4  | 39.5  | 23.7  | 15.8  | 15.8 | 7.9   | 7.9  |
| -87.5° | 39.5  | 39.5  | 31.6  | 23.7  | 23.7  | 15.8  | 15.8  | 7.9   | 7.9  | 7.9   | 0.0  |
| -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: P724063  
 CATALOG NUMBER: IFLD-L-SA7E-727-U-22-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°  | 0.0   | 0.0 | 0.0   | 0.0 |
| 80°    | 7.9   | 0.0 | 0.0   | 0.0 |
| 77.5°  | 7.9   | 0.0 | 0.0   | 0.0 |
| 75°    | 7.9   | 7.9 | 0.0   | 0.0 |
| 72.5°  | 7.9   | 7.9 | 0.0   | 0.0 |
| 70°    | 7.9   | 7.9 | 0.0   | 0.0 |
| 67.5°  | 7.9   | 7.9 | 0.0   | 0.0 |
| 65°    | 7.9   | 7.9 | 0.0   | 0.0 |
| 62.5°  | 7.9   | 7.9 | 0.0   | 0.0 |
| 60°    | 7.9   | 7.9 | 0.0   | 0.0 |
| 57.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 55°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 52.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 50°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 47.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 45°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 42.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 40°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 37.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 35°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 32.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 30°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 27.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 25°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 22.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 20°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 17.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 15°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 12.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| 10°    | 7.9   | 7.9 | 7.9   | 0.0 |
| 7.5°   | 7.9   | 7.9 | 7.9   | 0.0 |
| 5°     | 7.9   | 7.9 | 7.9   | 0.0 |
| 2.5°   | 7.9   | 7.9 | 7.9   | 0.0 |
| 0°     | 7.9   | 7.9 | 7.9   | 0.0 |
| -2.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| -5°    | 7.9   | 7.9 | 7.9   | 0.0 |
| -7.5°  | 7.9   | 7.9 | 7.9   | 0.0 |
| -10°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -12.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -15°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -17.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -20°   | 7.9   | 7.9 | 7.9   | 0.0 |



REPORT NUMBER: P724063  
CATALOG NUMBER: IFLD-L-SA7E-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-----|-------|-----|
| -22.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -25°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -27.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -30°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -32.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -35°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -37.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -40°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -42.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -45°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -47.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -50°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -52.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -55°   | 7.9   | 7.9 | 7.9   | 0.0 |
| -57.5° | 7.9   | 7.9 | 7.9   | 0.0 |
| -60°   | 7.9   | 7.9 | 0.0   | 0.0 |
| -62.5° | 7.9   | 7.9 | 0.0   | 0.0 |
| -65°   | 7.9   | 7.9 | 0.0   | 0.0 |
| -67.5° | 7.9   | 7.9 | 0.0   | 0.0 |
| -70°   | 7.9   | 7.9 | 0.0   | 0.0 |
| -72.5° | 7.9   | 7.9 | 0.0   | 0.0 |
| -75°   | 7.9   | 7.9 | 0.0   | 0.0 |
| -77.5° | 7.9   | 0.0 | 0.0   | 0.0 |
| -80°   | 7.9   | 0.0 | 0.0   | 0.0 |
| -82.5° | 7.9   | 0.0 | 0.0   | 0.0 |
| -85°   | 0.0   | 0.0 | 0.0   | 0.0 |
| -87.5° | 0.0   | 0.0 | 0.0   | 0.0 |
| -90°   | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)