

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: P723857

Luminaire Tested: **IFLD-L-SA7B-830-U-11-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723857  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-830-U-11-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor  
Light Source: (112) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                  |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 1H x 1V          |
| Luminaire Lumens: | 14980.3 lumens                     | Max Intensity:       | 352433.8 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 53.3 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:      | 5432.5 lumens                      | Field Lumens:        | 8660.4 lumens    |
| Beam Efficiency:  | 36.3%                              | Field Efficiency:    | 57.8%            |

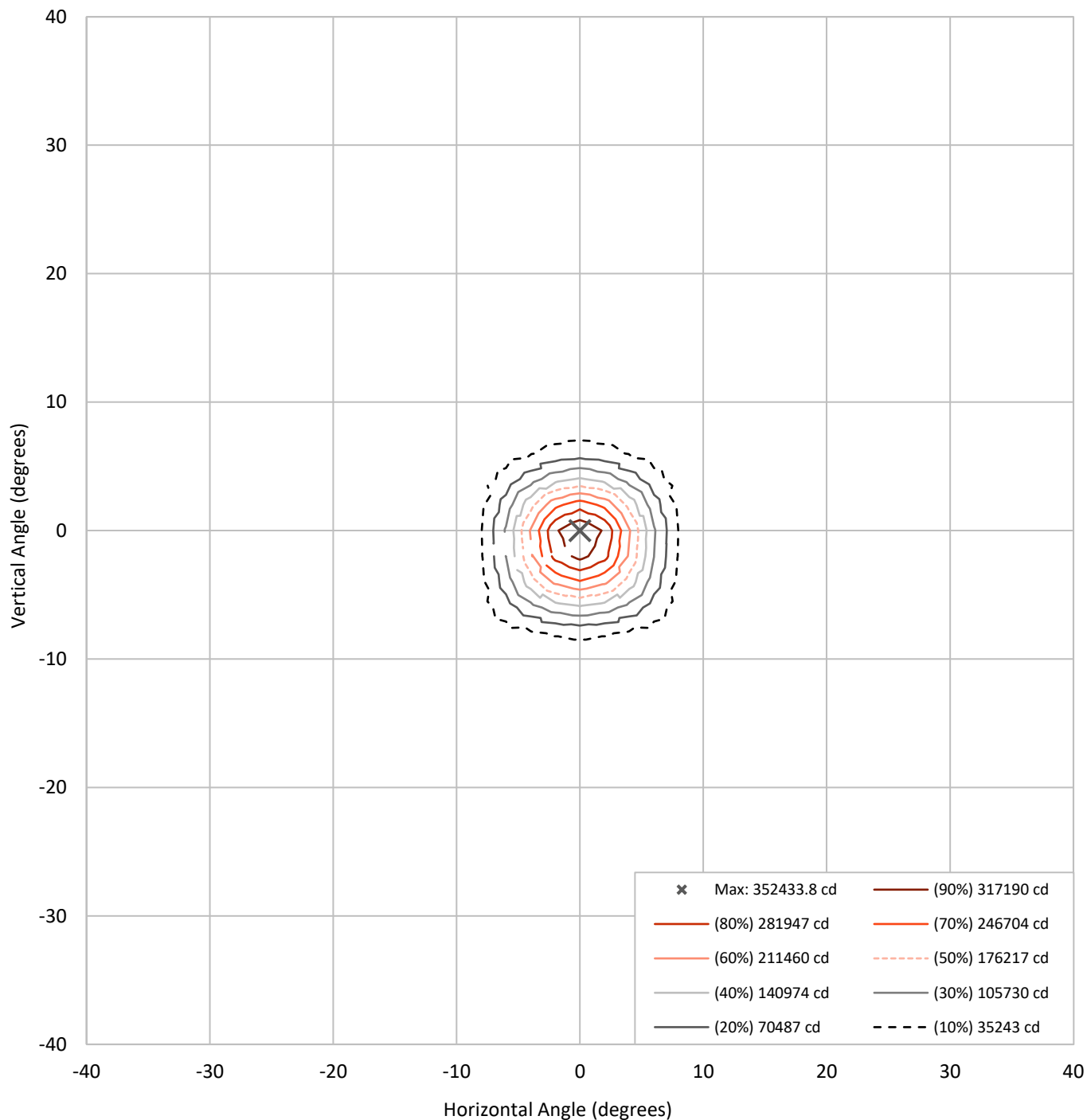
Input Watts (W): 281  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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## Iso-Candela Plot



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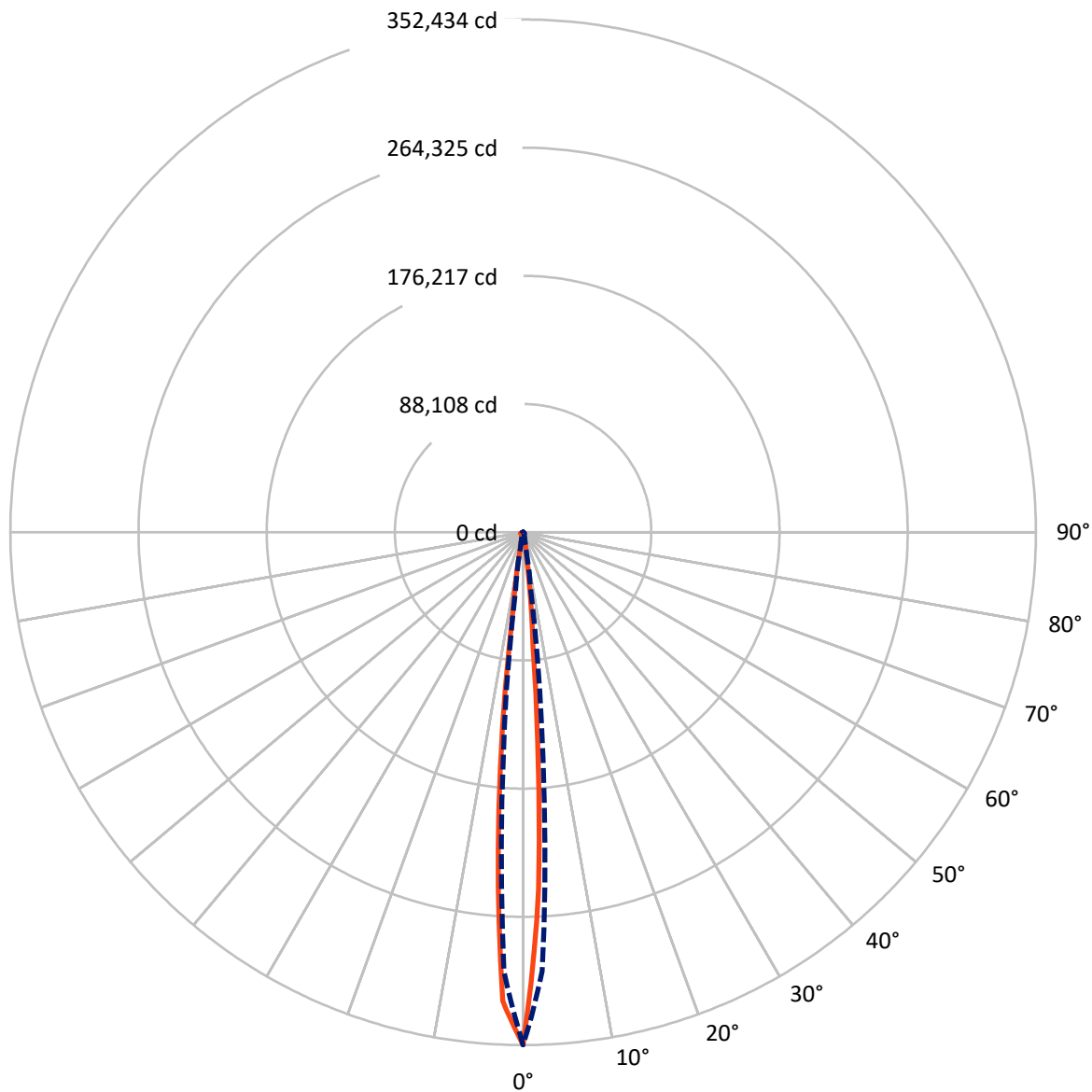
## Lumen Table

|     |     |  |     |      |      |      |      |       |        |        |       |      |      |      |      |     |     |  |
|-----|-----|--|-----|------|------|------|------|-------|--------|--------|-------|------|------|------|------|-----|-----|--|
| 90  |     |  |     |      |      |      |      |       |        |        |       |      |      |      |      |     |     |  |
| 80  | 0.3 |  | 3.3 |      | 3.6  |      | 1.4  |       | 0.4    |        | 1.4   |      | 3.6  |      | 3.3  |     | 0.3 |  |
| 70  | 0.4 |  | 0.7 | 1.0  | 0.7  | 0.6  | 0.5  | 0.4   | 0.2    | 0.2    | 0.4   | 0.5  | 0.6  | 0.7  | 1.0  | 0.7 | 0.4 |  |
| 60  |     |  | 0.5 | 0.7  | 1.8  | 3.9  | 6.3  | 8.1   | 9.3    | 9.3    | 8.1   | 6.3  | 3.9  | 1.8  | 0.7  | 0.5 |     |  |
| 50  | 0.4 |  | 0.5 | 2.1  | 6.8  | 13.4 | 19.6 | 23.6  | 26.2   | 26.2   | 23.6  | 19.6 | 13.4 | 6.8  | 2.1  | 0.5 | 0.4 |  |
| 40  |     |  | 1.0 | 5.2  | 14.0 | 22.8 | 26.8 | 28.9  | 29.9   | 29.9   | 28.9  | 26.8 | 22.8 | 14.0 | 5.2  | 1.0 |     |  |
| 30  | 0.6 |  | 1.9 | 8.9  | 20.4 | 26.4 | 27.2 | 32.1  | 38.6   | 38.6   | 32.1  | 27.2 | 26.4 | 20.4 | 8.9  | 1.9 | 0.6 |  |
| 20  |     |  | 3.0 | 12.5 | 25.1 | 28.1 | 31.7 | 55.8  | 95.1   | 95.1   | 55.8  | 31.7 | 28.1 | 25.1 | 12.5 | 3.0 |     |  |
| 10  | 1.0 |  | 3.9 | 15.3 | 27.5 | 29.2 | 39.2 | 106.1 | 1966.5 | 1966.5 | 106.1 | 39.2 | 29.2 | 27.5 | 15.3 | 3.9 | 1.0 |  |
| 0   |     |  | 4.6 | 16.7 | 28.9 | 30.3 | 40.5 | 114.3 | 2867.4 | 2867.4 | 114.3 | 40.5 | 30.3 | 28.9 | 16.7 | 4.6 |     |  |
| -10 | 1.4 |  | 4.9 | 17.2 | 30.4 | 32.8 | 36.5 | 66.5  | 127.6  | 127.6  | 66.5  | 36.5 | 32.8 | 30.4 | 17.2 | 4.9 | 1.4 |  |
| -20 |     |  | 4.7 | 16.3 | 30.8 | 36.8 | 36.8 | 43.0  | 52.5   | 52.5   | 43.0  | 36.8 | 36.8 | 30.8 | 16.3 | 4.7 |     |  |
| -30 | 1.6 |  | 4.1 | 14.4 | 29.5 | 40.4 | 44.1 | 45.9  | 46.3   | 46.3   | 45.9  | 44.1 | 40.4 | 29.5 | 14.4 | 4.1 | 1.6 |  |
| -40 |     |  | 3.6 | 11.6 | 25.0 | 39.0 | 47.4 | 53.2  | 55.7   | 55.7   | 53.2  | 47.4 | 39.0 | 25.0 | 11.6 | 3.6 |     |  |
| -50 | 1.3 |  | 3.3 | 8.9  | 19.4 | 33.3 | 44.7 | 51.9  | 54.9   | 54.9   | 51.9  | 44.7 | 33.3 | 19.4 | 8.9  | 3.3 | 1.3 |  |
| -60 |     |  | 3.0 | 7.9  | 15.8 | 27.7 | 39.1 | 47.3  | 51.1   | 51.1   | 47.3  | 39.1 | 27.7 | 15.8 | 7.9  | 3.0 |     |  |
| -70 | 0.6 |  |     |      |      |      |      |       |        |        |       |      |      |      |      |     | 0.6 |  |
| -80 |     |  | 9.3 |      | 27.6 |      | 51.1 |       | 56.4   |        | 51.1  |      | 27.6 |      | 9.3  |     |     |  |
| -90 |     |  |     |      |      |      |      |       |        |        |       |      |      |      |      |     |     |  |

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## Luminous Intensity Polar Plot



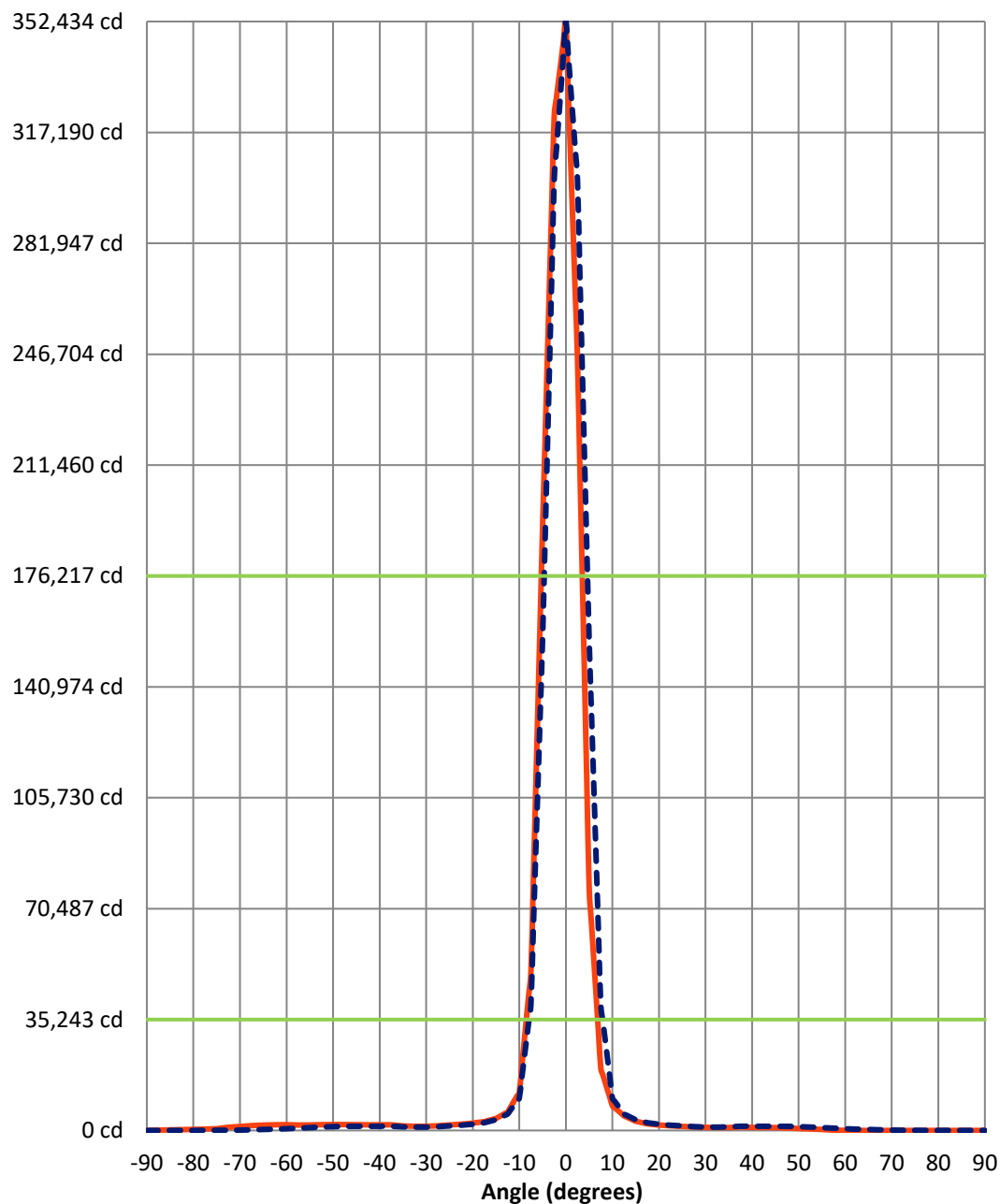
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5432.5

Efficiency: 36.3%

**Field:**

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8660.4

Efficiency: 57.8%

**Spill:**

Lumens: 6319.9

Efficiency: 42.2%

— 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      | 3.5      | 3.5      | 3.5     | 3.5     | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    |
| 85°    | 0.0      | 3.5      | 3.5      | 6.9     | 6.9     | 6.9    | 10.4   | 13.8   | 17.3   | 17.3   | 20.7   |
| 82.5°  | 0.0      | 3.5      | 3.5      | 6.9     | 6.9     | 10.4   | 10.4   | 17.3   | 20.7   | 24.2   | 31.1   |
| 80°    | 3.5      | 3.5      | 3.5      | 6.9     | 6.9     | 10.4   | 10.4   | 13.8   | 17.3   | 24.2   | 27.7   |
| 77.5°  | 0.0      | 3.5      | 3.5      | 3.5     | 6.9     | 6.9    | 6.9    | 10.4   | 13.8   | 17.3   | 20.7   |
| 75°    | 0.0      | 3.5      | 3.5      | 3.5     | 6.9     | 6.9    | 6.9    | 6.9    | 10.4   | 10.4   | 13.8   |
| 72.5°  | 0.0      | 0.0      | 0.0      | 3.5     | 3.5     | 6.9    | 6.9    | 6.9    | 10.4   | 10.4   | 10.4   |
| 70°    | 0.0      | 0.0      | 0.0      | 3.5     | 3.5     | 6.9    | 6.9    | 6.9    | 10.4   | 10.4   | 10.4   |
| 67.5°  | 0.0      | 0.0      | 0.0      | 3.5     | 3.5     | 6.9    | 6.9    | 6.9    | 10.4   | 10.4   | 10.4   |
| 65°    | 0.0      | 0.0      | 0.0      | 3.5     | 3.5     | 6.9    | 6.9    | 10.4   | 10.4   | 10.4   | 10.4   |
| 62.5°  | 3.5      | 3.5      | 3.5      | 6.9     | 10.4    | 10.4   | 13.8   | 17.3   | 17.3   | 17.3   | 17.3   |
| 60°    | 34.6     | 38.0     | 41.5     | 41.5    | 38.0    | 38.0   | 41.5   | 41.5   | 41.5   | 41.5   | 41.5   |
| 57.5°  | 93.4     | 100.3    | 103.7    | 103.7   | 103.7   | 100.3  | 114.1  | 117.6  | 103.7  | 96.8   | 107.2  |
| 55°    | 325.1    | 335.4    | 328.5    | 318.1   | 297.4   | 273.2  | 266.3  | 262.8  | 266.3  | 249.0  | 221.3  |
| 52.5°  | 473.8    | 484.1    | 480.7    | 473.8   | 459.9   | 442.6  | 428.8  | 415.0  | 401.1  | 373.5  | 342.4  |
| 50°    | 615.6    | 619.0    | 615.6    | 608.6   | 594.8   | 577.5  | 549.8  | 518.7  | 491.1  | 484.1  | 456.5  |
| 47.5°  | 774.6    | 785.0    | 785.0    | 781.5   | 771.2   | 740.0  | 698.5  | 653.6  | 632.8  | 625.9  | 598.3  |
| 45°    | 916.4    | 923.3    | 926.8    | 930.2   | 926.8   | 895.7  | 857.6  | 833.4  | 788.5  | 774.6  | 774.6  |
| 42.5°  | 954.4    | 957.9    | 961.4    | 964.8   | 975.2   | 951.0  | 919.9  | 878.4  | 868.0  | 864.5  | 857.6  |
| 40°    | 968.3    | 961.4    | 964.8    | 968.3   | 971.7   | 954.4  | 930.2  | 906.0  | 899.1  | 892.2  | 892.2  |
| 37.5°  | 1099.7   | 1068.6   | 1044.4   | 1023.6  | 1006.3  | 989.0  | 964.8  | 944.1  | 926.8  | 913.0  | 926.8  |
| 35°    | 937.2    | 937.2    | 961.4    | 982.1   | 1002.9  | 1023.6 | 1027.1 | 1002.9 | 964.8  | 947.5  | 971.7  |
| 32.5°  | 957.9    | 957.9    | 957.9    | 964.8   | 971.7   | 989.0  | 1006.3 | 1016.7 | 1044.4 | 1013.2 | 1013.2 |
| 30°    | 978.7    | 982.1    | 989.0    | 992.5   | 982.1   | 975.2  | 968.3  | 968.3  | 985.6  | 1030.5 | 1054.7 |
| 27.5°  | 1099.7   | 1099.7   | 1089.3   | 1075.5  | 1044.4  | 995.9  | 971.7  | 937.2  | 940.6  | 961.4  | 1020.2 |
| 25°    | 1296.8   | 1289.9   | 1265.7   | 1231.1  | 1175.8  | 1106.6 | 1040.9 | 968.3  | 937.2  | 926.8  | 951.0  |
| 22.5°  | 1483.5   | 1473.2   | 1442.0   | 1410.9  | 1366.0  | 1296.8 | 1186.1 | 1075.5 | 978.7  | 937.2  | 926.8  |
| 20°    | 1722.2   | 1698.0   | 1663.4   | 1615.0  | 1542.3  | 1473.2 | 1376.3 | 1231.1 | 1089.3 | 982.1  | 940.6  |
| 17.5°  | 2106.0   | 2074.9   | 2009.2   | 1922.7  | 1798.2  | 1691.0 | 1552.7 | 1414.4 | 1255.3 | 1082.4 | 989.0  |
| 15°    | 2946.3   | 2866.8   | 2752.7   | 2514.1  | 2268.5  | 2064.5 | 1857.0 | 1625.3 | 1462.8 | 1234.6 | 1092.8 |
| 12.5°  | 4633.9   | 4416.1   | 4084.1   | 3527.3  | 2977.5  | 2503.7 | 2168.3 | 1870.9 | 1608.0 | 1397.1 | 1196.5 |
| 10°    | 7843.1   | 7376.2   | 6459.8   | 4938.2  | 3925.0  | 3053.5 | 2451.8 | 2054.1 | 1722.2 | 1504.3 | 1283.0 |
| 7.5°   | 19835.9  | 16180.7  | 11449.9  | 7818.9  | 5135.4  | 3731.3 | 2804.6 | 2227.0 | 1843.2 | 1573.5 | 1352.1 |
| 5°     | 77310.4  | 63685.3  | 33972.9  | 14178.4 | 7725.5  | 4512.9 | 3122.7 | 2365.4 | 1922.7 | 1625.3 | 1404.0 |
| 2.5°   | 245359.1 | 211884.3 | 111165.7 | 30521.6 | 9485.7  | 5083.5 | 3340.6 | 2451.8 | 1967.7 | 1663.4 | 1442.0 |
| 0°     | 352433.8 | 302048.6 | 156014.4 | 40142.2 | 10288.0 | 5228.7 | 3409.7 | 2469.1 | 1974.6 | 1670.3 | 1442.0 |
| -2.5°  | 322417.1 | 282178.1 | 150709.6 | 37354.9 | 10512.8 | 5270.2 | 3465.1 | 2527.9 | 2026.5 | 1701.4 | 1452.4 |
| -5°    | 191578.0 | 168041.8 | 105131.2 | 26634.7 | 9340.5  | 4893.3 | 3319.8 | 2476.0 | 1991.9 | 1684.1 | 1445.5 |
| -7.5°  | 50475.1  | 43697.2  | 28744.1  | 13898.3 | 6044.8  | 4139.4 | 3050.1 | 2389.6 | 1946.9 | 1653.0 | 1417.8 |
| -10°   | 12169.2  | 11532.9  | 10301.8  | 6314.6  | 4706.5  | 3458.1 | 2704.3 | 2234.0 | 1857.0 | 1611.5 | 1372.9 |
| -12.5° | 5868.5   | 5730.2   | 5201.1   | 4288.1  | 3492.7  | 2873.7 | 2448.4 | 2071.4 | 1774.0 | 1538.9 | 1310.6 |
| -15°   | 3817.8   | 3738.3   | 3558.4   | 3209.2  | 2804.6  | 2507.2 | 2209.8 | 1905.4 | 1670.3 | 1431.7 | 1258.8 |
| -17.5° | 2825.3   | 2821.8   | 2731.9   | 2600.5  | 2400.0  | 2178.6 | 1960.8 | 1767.1 | 1538.9 | 1334.8 | 1203.4 |
| -20°   | 2341.2   | 2341.2   | 2289.3   | 2202.8  | 2061.1  | 1915.8 | 1770.6 | 1590.7 | 1404.0 | 1251.8 | 1196.5 |

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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° | 1988.4 | 1991.9 | 1964.2 | 1908.9 | 1832.8 | 1711.8 | 1570.0 | 1424.8 | 1289.9 | 1234.6 | 1217.3 |
| -25°   | 1760.2 | 1753.3 | 1722.2 | 1670.3 | 1590.7 | 1493.9 | 1400.6 | 1303.7 | 1265.7 | 1251.8 | 1276.1 |
| -27.5° | 1490.5 | 1500.8 | 1487.0 | 1462.8 | 1410.9 | 1341.8 | 1321.0 | 1293.3 | 1300.3 | 1321.0 | 1414.4 |
| -30°   | 1331.4 | 1341.8 | 1355.6 | 1366.0 | 1348.7 | 1331.4 | 1338.3 | 1359.1 | 1404.0 | 1483.5 | 1518.1 |
| -32.5° | 1331.4 | 1334.8 | 1355.6 | 1376.3 | 1386.7 | 1400.6 | 1438.6 | 1507.8 | 1573.5 | 1552.7 | 1545.8 |
| -35°   | 1452.4 | 1442.0 | 1469.7 | 1497.4 | 1535.4 | 1583.8 | 1625.3 | 1611.5 | 1587.3 | 1580.4 | 1587.3 |
| -37.5° | 1798.2 | 1732.5 | 1704.9 | 1687.6 | 1677.2 | 1670.3 | 1659.9 | 1649.5 | 1639.2 | 1632.2 | 1642.6 |
| -40°   | 1794.8 | 1777.5 | 1760.2 | 1746.4 | 1736.0 | 1722.2 | 1715.2 | 1711.8 | 1701.4 | 1694.5 | 1687.6 |
| -42.5° | 1787.9 | 1794.8 | 1794.8 | 1791.3 | 1794.8 | 1791.3 | 1780.9 | 1767.1 | 1749.8 | 1736.0 | 1722.2 |
| -45°   | 1839.7 | 1843.2 | 1850.1 | 1857.0 | 1867.4 | 1853.6 | 1832.8 | 1808.6 | 1784.4 | 1763.7 | 1746.4 |
| -47.5° | 1870.9 | 1874.3 | 1881.2 | 1891.6 | 1898.5 | 1884.7 | 1857.0 | 1825.9 | 1787.9 | 1753.3 | 1718.7 |
| -50°   | 1881.2 | 1891.6 | 1895.1 | 1895.1 | 1891.6 | 1874.3 | 1832.8 | 1787.9 | 1746.4 | 1711.8 | 1680.7 |
| -52.5° | 1832.8 | 1843.2 | 1846.7 | 1839.7 | 1836.3 | 1819.0 | 1780.9 | 1739.4 | 1694.5 | 1670.3 | 1642.6 |
| -55°   | 1753.3 | 1767.1 | 1777.5 | 1777.5 | 1777.5 | 1774.0 | 1739.4 | 1701.4 | 1666.8 | 1639.2 | 1611.5 |
| -57.5° | 1722.2 | 1746.4 | 1767.1 | 1770.6 | 1774.0 | 1777.5 | 1753.3 | 1715.2 | 1673.7 | 1632.2 | 1597.7 |
| -60°   | 1836.3 | 1857.0 | 1867.4 | 1853.6 | 1843.2 | 1832.8 | 1794.8 | 1749.8 | 1708.3 | 1666.8 | 1601.1 |
| -62.5° | 1805.2 | 1839.7 | 1857.0 | 1846.7 | 1832.8 | 1815.5 | 1774.0 | 1722.2 | 1673.7 | 1628.8 | 1563.1 |
| -65°   | 1704.9 | 1736.0 | 1756.7 | 1739.4 | 1718.7 | 1694.5 | 1656.5 | 1608.0 | 1563.1 | 1518.1 | 1459.3 |
| -67.5° | 1535.4 | 1580.4 | 1615.0 | 1576.9 | 1549.3 | 1518.1 | 1487.0 | 1445.5 | 1400.6 | 1348.7 | 1293.3 |
| -70°   | 1269.1 | 1303.7 | 1334.8 | 1324.5 | 1317.6 | 1310.6 | 1289.9 | 1248.4 | 1210.4 | 1168.9 | 1120.4 |
| -72.5° | 1020.2 | 1051.3 | 1078.9 | 1061.7 | 1047.8 | 1027.1 | 995.9  | 951.0  | 906.0  | 861.1  | 816.1  |
| -75°   | 563.7  | 574.1  | 584.4  | 581.0  | 581.0  | 581.0  | 581.0  | 584.4  | 577.5  | 567.1  | 546.4  |
| -77.5° | 432.3  | 446.1  | 456.5  | 463.4  | 473.8  | 487.6  | 498.0  | 480.7  | 463.4  | 446.1  | 425.4  |
| -80°   | 338.9  | 352.7  | 363.1  | 401.1  | 428.8  | 459.9  | 480.7  | 456.5  | 432.3  | 411.5  | 394.2  |
| -82.5° | 255.9  | 266.3  | 276.7  | 297.4  | 311.2  | 328.5  | 342.4  | 342.4  | 338.9  | 335.4  | 325.1  |
| -85°   | 186.7  | 200.6  | 214.4  | 221.3  | 231.7  | 231.7  | 235.2  | 221.3  | 207.5  | 197.1  | 183.3  |
| -87.5° | 107.2  | 110.7  | 110.7  | 110.7  | 114.1  | 114.1  | 114.1  | 107.2  | 103.7  | 96.8   | 93.4   |
| -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°  | 3.5    | 3.5    | 3.5    | 6.9    | 6.9    | 10.4   | 10.4   | 13.8   | 13.8   | 17.3   | 17.3   |
| 85°    | 20.7   | 20.7   | 20.7   | 24.2   | 24.2   | 27.7   | 31.1   | 34.6   | 38.0   | 38.0   | 41.5   |
| 82.5°  | 34.6   | 38.0   | 41.5   | 45.0   | 48.4   | 51.9   | 55.3   | 58.8   | 69.2   | 76.1   | 79.5   |
| 80°    | 34.6   | 38.0   | 48.4   | 55.3   | 62.2   | 69.2   | 69.2   | 69.2   | 69.2   | 72.6   | 79.5   |
| 77.5°  | 24.2   | 27.7   | 31.1   | 38.0   | 55.3   | 69.2   | 79.5   | 86.5   | 79.5   | 76.1   | 69.2   |
| 75°    | 13.8   | 17.3   | 20.7   | 24.2   | 34.6   | 48.4   | 65.7   | 83.0   | 96.8   | 93.4   | 86.5   |
| 72.5°  | 13.8   | 13.8   | 17.3   | 20.7   | 24.2   | 27.7   | 31.1   | 48.4   | 69.2   | 86.5   | 96.8   |
| 70°    | 13.8   | 17.3   | 17.3   | 20.7   | 24.2   | 27.7   | 31.1   | 38.0   | 48.4   | 69.2   | 89.9   |
| 67.5°  | 13.8   | 17.3   | 17.3   | 24.2   | 31.1   | 34.6   | 38.0   | 34.6   | 31.1   | 45.0   | 65.7   |
| 65°    | 13.8   | 13.8   | 17.3   | 20.7   | 24.2   | 27.7   | 38.0   | 38.0   | 34.6   | 34.6   | 34.6   |
| 62.5°  | 20.7   | 20.7   | 20.7   | 20.7   | 24.2   | 24.2   | 24.2   | 31.1   | 31.1   | 31.1   | 31.1   |
| 60°    | 41.5   | 38.0   | 38.0   | 38.0   | 38.0   | 31.1   | 31.1   | 31.1   | 27.7   | 31.1   | 27.7   |
| 57.5°  | 100.3  | 83.0   | 76.1   | 76.1   | 65.7   | 62.2   | 51.9   | 38.0   | 38.0   | 31.1   | 31.1   |
| 55°    | 204.0  | 193.7  | 162.5  | 134.9  | 121.0  | 107.2  | 83.0   | 69.2   | 51.9   | 41.5   | 38.0   |
| 52.5°  | 314.7  | 287.0  | 259.4  | 224.8  | 190.2  | 162.5  | 138.3  | 107.2  | 86.5   | 62.2   | 48.4   |
| 50°    | 411.5  | 387.3  | 356.2  | 318.1  | 273.2  | 238.6  | 204.0  | 162.5  | 128.0  | 96.8   | 69.2   |
| 47.5°  | 560.2  | 511.8  | 473.8  | 428.8  | 376.9  | 328.5  | 283.6  | 235.2  | 179.8  | 141.8  | 107.2  |
| 45°    | 719.3  | 650.1  | 598.3  | 556.8  | 487.6  | 421.9  | 370.0  | 318.1  | 252.4  | 186.7  | 145.2  |
| 42.5°  | 830.0  | 778.1  | 708.9  | 653.6  | 591.3  | 522.2  | 453.0  | 397.7  | 328.5  | 252.4  | 186.7  |
| 40°    | 888.7  | 854.2  | 798.8  | 750.4  | 684.7  | 608.6  | 536.0  | 480.7  | 408.1  | 325.1  | 235.2  |
| 37.5°  | 933.7  | 916.4  | 888.7  | 850.7  | 788.5  | 698.5  | 625.9  | 560.2  | 498.0  | 401.1  | 304.3  |
| 35°    | 985.6  | 982.1  | 964.8  | 947.5  | 895.7  | 809.2  | 722.8  | 646.7  | 570.6  | 480.7  | 373.5  |
| 32.5°  | 1034.0 | 1030.5 | 1020.2 | 1013.2 | 992.5  | 916.4  | 823.0  | 736.6  | 650.1  | 556.8  | 439.2  |
| 30°    | 1058.2 | 1051.3 | 1051.3 | 1058.2 | 1037.4 | 989.0  | 919.9  | 826.5  | 729.7  | 619.0  | 508.3  |
| 27.5°  | 1058.2 | 1051.3 | 1054.7 | 1065.1 | 1061.7 | 1037.4 | 985.6  | 909.5  | 802.3  | 677.8  | 570.6  |
| 25°    | 1013.2 | 1047.8 | 1047.8 | 1061.7 | 1065.1 | 1058.2 | 1030.5 | 982.1  | 871.5  | 740.0  | 619.0  |
| 22.5°  | 951.0  | 1034.0 | 1065.1 | 1061.7 | 1065.1 | 1082.4 | 1085.9 | 1040.9 | 937.2  | 802.3  | 667.4  |
| 20°    | 951.0  | 1009.8 | 1099.7 | 1075.5 | 1082.4 | 1120.4 | 1137.7 | 1099.7 | 1006.3 | 861.1  | 715.8  |
| 17.5°  | 971.7  | 1009.8 | 1085.9 | 1123.9 | 1134.3 | 1165.4 | 1193.1 | 1168.9 | 1068.6 | 923.3  | 781.5  |
| 15°    | 1030.5 | 1023.6 | 1075.5 | 1168.9 | 1186.1 | 1210.4 | 1241.5 | 1213.8 | 1123.9 | 992.5  | 843.8  |
| 12.5°  | 1072.0 | 1034.0 | 1075.5 | 1175.8 | 1231.1 | 1255.3 | 1265.7 | 1244.9 | 1172.3 | 1054.7 | 906.0  |
| 10°    | 1127.4 | 1061.7 | 1082.4 | 1168.9 | 1248.4 | 1265.7 | 1276.1 | 1269.1 | 1217.3 | 1106.6 | 961.4  |
| 7.5°   | 1168.9 | 1075.5 | 1075.5 | 1158.5 | 1265.7 | 1279.5 | 1286.4 | 1293.3 | 1255.3 | 1151.6 | 1009.8 |
| 5°     | 1186.1 | 1075.5 | 1068.6 | 1148.1 | 1283.0 | 1296.8 | 1296.8 | 1307.2 | 1283.0 | 1186.1 | 1044.4 |
| 2.5°   | 1189.6 | 1072.0 | 1061.7 | 1141.2 | 1314.1 | 1314.1 | 1307.2 | 1317.6 | 1303.7 | 1206.9 | 1068.6 |
| 0°     | 1206.9 | 1068.6 | 1058.2 | 1151.6 | 1348.7 | 1334.8 | 1317.6 | 1321.0 | 1314.1 | 1217.3 | 1082.4 |
| -2.5°  | 1206.9 | 1085.9 | 1072.0 | 1158.5 | 1345.2 | 1341.8 | 1334.8 | 1338.3 | 1331.4 | 1248.4 | 1110.1 |
| -5°    | 1224.2 | 1110.1 | 1096.2 | 1189.6 | 1341.8 | 1352.1 | 1355.6 | 1355.6 | 1345.2 | 1269.1 | 1127.4 |
| -7.5°  | 1227.6 | 1127.4 | 1123.9 | 1220.7 | 1348.7 | 1366.0 | 1376.3 | 1383.3 | 1362.5 | 1283.0 | 1141.2 |
| -10°   | 1210.4 | 1134.3 | 1151.6 | 1258.8 | 1355.6 | 1379.8 | 1400.6 | 1410.9 | 1376.3 | 1289.9 | 1148.1 |
| -12.5° | 1172.3 | 1134.3 | 1179.2 | 1307.2 | 1372.9 | 1400.6 | 1431.7 | 1435.1 | 1390.2 | 1293.3 | 1151.6 |
| -15°   | 1168.9 | 1161.9 | 1227.6 | 1355.6 | 1383.3 | 1417.8 | 1466.3 | 1455.9 | 1400.6 | 1293.3 | 1151.6 |
| -17.5° | 1165.4 | 1200.0 | 1300.3 | 1372.9 | 1400.6 | 1438.6 | 1476.6 | 1466.3 | 1407.5 | 1293.3 | 1144.6 |
| -20°   | 1196.5 | 1262.2 | 1386.7 | 1390.2 | 1421.3 | 1462.8 | 1483.5 | 1462.8 | 1397.1 | 1283.0 | 1134.3 |

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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° | 1248.4 | 1372.9 | 1414.4 | 1428.2 | 1455.9 | 1487.0 | 1497.4 | 1466.3 | 1386.7 | 1265.7 | 1117.0 |
| -25°   | 1379.8 | 1442.0 | 1442.0 | 1473.2 | 1500.8 | 1514.7 | 1504.3 | 1469.7 | 1372.9 | 1248.4 | 1099.7 |
| -27.5° | 1480.1 | 1476.6 | 1493.9 | 1525.0 | 1549.3 | 1549.3 | 1521.6 | 1452.4 | 1352.1 | 1231.1 | 1075.5 |
| -30°   | 1518.1 | 1521.6 | 1545.8 | 1580.4 | 1587.3 | 1570.0 | 1528.5 | 1438.6 | 1334.8 | 1203.4 | 1044.4 |
| -32.5° | 1556.2 | 1570.0 | 1601.1 | 1618.4 | 1621.9 | 1587.3 | 1511.2 | 1414.4 | 1307.2 | 1172.3 | 1009.8 |
| -35°   | 1601.1 | 1628.8 | 1646.1 | 1649.5 | 1632.2 | 1573.5 | 1487.0 | 1383.3 | 1265.7 | 1127.4 | 978.7  |
| -37.5° | 1659.9 | 1673.7 | 1684.1 | 1670.3 | 1621.9 | 1552.7 | 1445.5 | 1341.8 | 1227.6 | 1078.9 | 933.7  |
| -40°   | 1698.0 | 1704.9 | 1708.3 | 1663.4 | 1604.6 | 1504.3 | 1400.6 | 1293.3 | 1161.9 | 1023.6 | 885.3  |
| -42.5° | 1722.2 | 1715.2 | 1687.6 | 1639.2 | 1552.7 | 1455.9 | 1355.6 | 1234.6 | 1103.1 | 968.3  | 833.4  |
| -45°   | 1715.2 | 1691.0 | 1649.5 | 1590.7 | 1500.8 | 1404.0 | 1286.4 | 1165.4 | 1040.9 | 909.5  | 774.6  |
| -47.5° | 1687.6 | 1649.5 | 1597.7 | 1528.5 | 1445.5 | 1327.9 | 1210.4 | 1092.8 | 971.7  | 843.8  | 719.3  |
| -50°   | 1653.0 | 1608.0 | 1545.8 | 1459.3 | 1348.7 | 1241.5 | 1134.3 | 1020.2 | 895.7  | 778.1  | 667.4  |
| -52.5° | 1615.0 | 1566.5 | 1487.0 | 1390.2 | 1269.1 | 1158.5 | 1054.7 | 944.1  | 830.0  | 719.3  | 622.5  |
| -55°   | 1573.5 | 1525.0 | 1435.1 | 1324.5 | 1203.4 | 1082.4 | 982.1  | 888.7  | 778.1  | 670.9  | 584.4  |
| -57.5° | 1552.7 | 1490.5 | 1397.1 | 1286.4 | 1158.5 | 1034.0 | 947.5  | 847.2  | 747.0  | 636.3  | 553.3  |
| -60°   | 1535.4 | 1473.2 | 1386.7 | 1258.8 | 1137.7 | 1020.2 | 919.9  | 823.0  | 715.8  | 612.1  | 529.1  |
| -62.5° | 1487.0 | 1421.3 | 1341.8 | 1217.3 | 1099.7 | 992.5  | 902.6  | 788.5  | 684.7  | 587.9  | 511.8  |
| -65°   | 1390.2 | 1321.0 | 1251.8 | 1141.2 | 1034.0 | 933.7  | 843.8  | 740.0  | 643.2  | 560.2  | 494.5  |
| -67.5° | 1238.0 | 1179.2 | 1117.0 | 1023.6 | 933.7  | 843.8  | 760.8  | 670.9  | 591.3  | 532.6  | 498.0  |
| -70°   | 1068.6 | 1006.3 | 944.1  | 868.0  | 791.9  | 719.3  | 653.6  | 587.9  | 536.0  | 504.9  | 477.2  |
| -72.5° | 778.1  | 750.4  | 719.3  | 660.5  | 598.3  | 553.3  | 522.2  | 494.5  | 456.5  | 428.8  | 411.5  |
| -75°   | 518.7  | 480.7  | 432.3  | 411.5  | 415.0  | 408.1  | 390.8  | 370.0  | 352.7  | 342.4  | 318.1  |
| -77.5° | 404.6  | 383.9  | 359.6  | 335.4  | 325.1  | 314.7  | 300.9  | 283.6  | 269.7  | 245.5  | 210.9  |
| -80°   | 373.5  | 356.2  | 338.9  | 321.6  | 304.3  | 280.1  | 252.4  | 224.8  | 210.9  | 200.6  | 197.1  |
| -82.5° | 307.8  | 287.0  | 266.3  | 249.0  | 224.8  | 207.5  | 190.2  | 176.4  | 176.4  | 172.9  | 169.4  |
| -85°   | 176.4  | 169.4  | 159.1  | 152.2  | 145.2  | 134.9  | 124.5  | 117.6  | 114.1  | 110.7  | 107.2  |
| -87.5° | 89.9   | 86.5   | 79.5   | 76.1   | 72.6   | 69.2   | 62.2   | 58.8   | 55.3   | 55.3   | 51.9   |
| -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°  | 17.3  | 17.3  | 13.8  | 13.8  | 13.8  | 10.4  | 6.9   | 6.9   | 3.5  | 3.5   | 0.0  |
| 85°    | 41.5  | 34.6  | 31.1  | 27.7  | 27.7  | 20.7  | 13.8  | 10.4  | 6.9  | 3.5   | 3.5  |
| 82.5°  | 79.5  | 69.2  | 58.8  | 51.9  | 41.5  | 31.1  | 24.2  | 17.3  | 10.4 | 6.9   | 3.5  |
| 80°    | 89.9  | 89.9  | 86.5  | 72.6  | 58.8  | 45.0  | 31.1  | 20.7  | 13.8 | 10.4  | 6.9  |
| 77.5°  | 69.2  | 76.1  | 76.1  | 76.1  | 72.6  | 55.3  | 38.0  | 24.2  | 13.8 | 10.4  | 6.9  |
| 75°    | 79.5  | 69.2  | 65.7  | 69.2  | 65.7  | 55.3  | 45.0  | 27.7  | 17.3 | 13.8  | 6.9  |
| 72.5°  | 96.8  | 83.0  | 72.6  | 69.2  | 62.2  | 51.9  | 41.5  | 31.1  | 17.3 | 13.8  | 10.4 |
| 70°    | 89.9  | 86.5  | 79.5  | 72.6  | 62.2  | 51.9  | 41.5  | 31.1  | 20.7 | 13.8  | 10.4 |
| 67.5°  | 79.5  | 79.5  | 79.5  | 72.6  | 62.2  | 48.4  | 38.0  | 27.7  | 20.7 | 13.8  | 10.4 |
| 65°    | 55.3  | 65.7  | 72.6  | 69.2  | 62.2  | 48.4  | 38.0  | 27.7  | 20.7 | 17.3  | 10.4 |
| 62.5°  | 34.6  | 45.0  | 58.8  | 65.7  | 58.8  | 48.4  | 34.6  | 27.7  | 20.7 | 17.3  | 10.4 |
| 60°    | 31.1  | 34.6  | 41.5  | 51.9  | 55.3  | 45.0  | 34.6  | 24.2  | 20.7 | 17.3  | 10.4 |
| 57.5°  | 31.1  | 31.1  | 34.6  | 41.5  | 45.0  | 41.5  | 31.1  | 20.7  | 20.7 | 17.3  | 13.8 |
| 55°    | 34.6  | 31.1  | 31.1  | 34.6  | 38.0  | 38.0  | 31.1  | 20.7  | 20.7 | 17.3  | 13.8 |
| 52.5°  | 41.5  | 34.6  | 31.1  | 31.1  | 31.1  | 34.6  | 27.7  | 20.7  | 20.7 | 17.3  | 13.8 |
| 50°    | 51.9  | 41.5  | 38.0  | 31.1  | 31.1  | 31.1  | 27.7  | 20.7  | 17.3 | 17.3  | 13.8 |
| 47.5°  | 69.2  | 55.3  | 41.5  | 38.0  | 31.1  | 27.7  | 24.2  | 20.7  | 17.3 | 17.3  | 13.8 |
| 45°    | 103.7 | 65.7  | 55.3  | 41.5  | 34.6  | 31.1  | 27.7  | 20.7  | 17.3 | 17.3  | 13.8 |
| 42.5°  | 141.8 | 96.8  | 69.2  | 48.4  | 38.0  | 31.1  | 27.7  | 24.2  | 17.3 | 17.3  | 13.8 |
| 40°    | 179.8 | 131.4 | 86.5  | 62.2  | 45.0  | 34.6  | 27.7  | 24.2  | 20.7 | 17.3  | 13.8 |
| 37.5°  | 221.3 | 162.5 | 114.1 | 79.5  | 51.9  | 38.0  | 31.1  | 24.2  | 20.7 | 17.3  | 13.8 |
| 35°    | 273.2 | 204.0 | 141.8 | 96.8  | 62.2  | 45.0  | 34.6  | 24.2  | 20.7 | 17.3  | 13.8 |
| 32.5°  | 332.0 | 242.1 | 169.4 | 117.6 | 79.5  | 55.3  | 38.0  | 27.7  | 20.7 | 17.3  | 13.8 |
| 30°    | 387.3 | 287.0 | 200.6 | 141.8 | 96.8  | 62.2  | 41.5  | 27.7  | 20.7 | 17.3  | 10.4 |
| 27.5°  | 442.6 | 332.0 | 238.6 | 166.0 | 117.6 | 72.6  | 45.0  | 31.1  | 20.7 | 17.3  | 13.8 |
| 25°    | 498.0 | 376.9 | 276.7 | 190.2 | 134.9 | 86.5  | 55.3  | 34.6  | 20.7 | 17.3  | 13.8 |
| 22.5°  | 546.4 | 421.9 | 311.2 | 217.9 | 155.6 | 100.3 | 62.2  | 38.0  | 24.2 | 17.3  | 13.8 |
| 20°    | 601.7 | 470.3 | 349.3 | 249.0 | 172.9 | 114.1 | 69.2  | 41.5  | 24.2 | 17.3  | 13.8 |
| 17.5°  | 653.6 | 518.7 | 387.3 | 276.7 | 193.7 | 128.0 | 79.5  | 45.0  | 27.7 | 17.3  | 13.8 |
| 15°    | 705.5 | 563.7 | 421.9 | 304.3 | 214.4 | 141.8 | 86.5  | 48.4  | 31.1 | 17.3  | 13.8 |
| 12.5°  | 753.9 | 605.2 | 453.0 | 328.5 | 231.7 | 155.6 | 93.4  | 51.9  | 34.6 | 17.3  | 13.8 |
| 10°    | 798.8 | 643.2 | 484.1 | 349.3 | 249.0 | 166.0 | 100.3 | 58.8  | 38.0 | 17.3  | 13.8 |
| 7.5°   | 843.8 | 674.3 | 508.3 | 370.0 | 269.7 | 179.8 | 107.2 | 62.2  | 41.5 | 20.7  | 13.8 |
| 5°     | 871.5 | 702.0 | 529.1 | 387.3 | 287.0 | 193.7 | 114.1 | 65.7  | 45.0 | 20.7  | 13.8 |
| 2.5°   | 895.7 | 722.8 | 542.9 | 404.6 | 304.3 | 204.0 | 114.1 | 69.2  | 48.4 | 20.7  | 13.8 |
| 0°     | 909.5 | 736.6 | 553.3 | 415.0 | 318.1 | 210.9 | 117.6 | 72.6  | 51.9 | 20.7  | 13.8 |
| -2.5°  | 940.6 | 760.8 | 577.5 | 428.8 | 332.0 | 231.7 | 124.5 | 76.1  | 55.3 | 24.2  | 13.8 |
| -5°    | 961.4 | 774.6 | 594.8 | 442.6 | 342.4 | 252.4 | 134.9 | 83.0  | 62.2 | 31.1  | 17.3 |
| -7.5°  | 978.7 | 788.5 | 608.6 | 449.6 | 352.7 | 259.4 | 138.3 | 86.5  | 65.7 | 34.6  | 17.3 |
| -10°   | 982.1 | 795.4 | 619.0 | 459.9 | 359.6 | 269.7 | 141.8 | 89.9  | 69.2 | 38.0  | 17.3 |
| -12.5° | 985.6 | 802.3 | 622.5 | 466.9 | 366.6 | 276.7 | 145.2 | 93.4  | 72.6 | 41.5  | 17.3 |
| -15°   | 982.1 | 798.8 | 622.5 | 473.8 | 370.0 | 269.7 | 152.2 | 96.8  | 76.1 | 45.0  | 17.3 |
| -17.5° | 975.2 | 795.4 | 619.0 | 470.3 | 366.6 | 262.8 | 155.6 | 103.7 | 76.1 | 48.4  | 20.7 |
| -20°   | 964.8 | 785.0 | 612.1 | 466.9 | 363.1 | 255.9 | 159.1 | 107.2 | 79.5 | 48.4  | 20.7 |

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CATALOG NUMBER: IFLD-L-SA7B-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° | 947.5 | 767.7 | 598.3 | 456.5 | 356.2 | 249.0 | 159.1 | 114.1 | 83.0 | 48.4  | 20.7 |
| -25°   | 926.8 | 750.4 | 584.4 | 442.6 | 345.8 | 238.6 | 159.1 | 117.6 | 86.5 | 48.4  | 20.7 |
| -27.5° | 902.6 | 733.1 | 563.7 | 432.3 | 332.0 | 231.7 | 159.1 | 121.0 | 89.9 | 48.4  | 20.7 |
| -30°   | 874.9 | 708.9 | 546.4 | 415.0 | 321.6 | 231.7 | 162.5 | 124.5 | 93.4 | 48.4  | 20.7 |
| -32.5° | 847.2 | 684.7 | 525.6 | 401.1 | 307.8 | 228.2 | 162.5 | 128.0 | 96.8 | 45.0  | 24.2 |
| -35°   | 816.1 | 657.0 | 508.3 | 390.8 | 297.4 | 221.3 | 166.0 | 128.0 | 93.4 | 45.0  | 24.2 |
| -37.5° | 778.1 | 622.5 | 491.1 | 380.4 | 290.5 | 214.4 | 166.0 | 131.4 | 89.9 | 45.0  | 24.2 |
| -40°   | 736.6 | 594.8 | 470.3 | 366.6 | 280.1 | 210.9 | 166.0 | 131.4 | 86.5 | 45.0  | 27.7 |
| -42.5° | 691.6 | 563.7 | 449.6 | 352.7 | 269.7 | 207.5 | 166.0 | 131.4 | 83.0 | 45.0  | 27.7 |
| -45°   | 650.1 | 532.6 | 425.4 | 335.4 | 259.4 | 207.5 | 166.0 | 128.0 | 76.1 | 48.4  | 27.7 |
| -47.5° | 605.2 | 498.0 | 397.7 | 318.1 | 255.9 | 204.0 | 162.5 | 121.0 | 69.2 | 48.4  | 27.7 |
| -50°   | 567.1 | 463.4 | 376.9 | 300.9 | 249.0 | 207.5 | 166.0 | 110.7 | 69.2 | 48.4  | 27.7 |
| -52.5° | 529.1 | 439.2 | 352.7 | 293.9 | 242.1 | 210.9 | 162.5 | 103.7 | 69.2 | 48.4  | 27.7 |
| -55°   | 498.0 | 415.0 | 338.9 | 283.6 | 249.0 | 217.9 | 155.6 | 93.4  | 69.2 | 48.4  | 27.7 |
| -57.5° | 473.8 | 401.1 | 328.5 | 287.0 | 259.4 | 210.9 | 145.2 | 89.9  | 69.2 | 45.0  | 27.7 |
| -60°   | 456.5 | 387.3 | 332.0 | 300.9 | 262.8 | 200.6 | 138.3 | 89.9  | 69.2 | 45.0  | 24.2 |
| -62.5° | 442.6 | 390.8 | 349.3 | 311.2 | 249.0 | 186.7 | 131.4 | 89.9  | 62.2 | 41.5  | 24.2 |
| -65°   | 446.1 | 404.6 | 356.2 | 297.4 | 238.6 | 172.9 | 121.0 | 86.5  | 58.8 | 38.0  | 24.2 |
| -67.5° | 456.5 | 394.2 | 335.4 | 280.1 | 214.4 | 155.6 | 110.7 | 79.5  | 55.3 | 38.0  | 24.2 |
| -70°   | 421.9 | 363.1 | 304.3 | 238.6 | 183.3 | 134.9 | 103.7 | 72.6  | 48.4 | 34.6  | 24.2 |
| -72.5° | 380.4 | 304.3 | 242.1 | 193.7 | 155.6 | 124.5 | 93.4  | 65.7  | 45.0 | 31.1  | 20.7 |
| -75°   | 276.7 | 221.3 | 179.8 | 162.5 | 138.3 | 110.7 | 83.0  | 58.8  | 41.5 | 31.1  | 20.7 |
| -77.5° | 197.1 | 183.3 | 166.0 | 148.7 | 124.5 | 96.8  | 72.6  | 55.3  | 38.0 | 27.7  | 17.3 |
| -80°   | 193.7 | 176.4 | 155.6 | 128.0 | 103.7 | 83.0  | 62.2  | 48.4  | 34.6 | 24.2  | 13.8 |
| -82.5° | 162.5 | 138.3 | 117.6 | 96.8  | 79.5  | 65.7  | 51.9  | 38.0  | 27.7 | 17.3  | 10.4 |
| -85°   | 100.3 | 86.5  | 76.1  | 65.7  | 55.3  | 45.0  | 34.6  | 24.2  | 17.3 | 10.4  | 6.9  |
| -87.5° | 48.4  | 45.0  | 38.0  | 31.1  | 27.7  | 20.7  | 17.3  | 13.8  | 10.4 | 6.9   | 3.5  |
| -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: P723857

CATALOG NUMBER: IFLD-L-SA7B-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°  | 3.5   | 0.0 | 0.0   | 0.0 |
| 80°    | 3.5   | 0.0 | 0.0   | 0.0 |
| 77.5°  | 3.5   | 0.0 | 0.0   | 0.0 |
| 75°    | 3.5   | 3.5 | 0.0   | 0.0 |
| 72.5°  | 3.5   | 3.5 | 0.0   | 0.0 |
| 70°    | 6.9   | 3.5 | 3.5   | 0.0 |
| 67.5°  | 6.9   | 3.5 | 3.5   | 0.0 |
| 65°    | 6.9   | 3.5 | 3.5   | 0.0 |
| 62.5°  | 6.9   | 3.5 | 3.5   | 0.0 |
| 60°    | 6.9   | 3.5 | 3.5   | 0.0 |
| 57.5°  | 6.9   | 3.5 | 3.5   | 0.0 |
| 55°    | 6.9   | 3.5 | 3.5   | 0.0 |
| 52.5°  | 6.9   | 3.5 | 3.5   | 0.0 |
| 50°    | 6.9   | 3.5 | 3.5   | 0.0 |
| 47.5°  | 6.9   | 6.9 | 3.5   | 0.0 |
| 45°    | 6.9   | 6.9 | 3.5   | 0.0 |
| 42.5°  | 6.9   | 6.9 | 3.5   | 0.0 |
| 40°    | 6.9   | 6.9 | 3.5   | 0.0 |
| 37.5°  | 6.9   | 6.9 | 3.5   | 0.0 |
| 35°    | 6.9   | 6.9 | 3.5   | 0.0 |
| 32.5°  | 10.4  | 6.9 | 3.5   | 0.0 |
| 30°    | 10.4  | 6.9 | 6.9   | 0.0 |
| 27.5°  | 10.4  | 6.9 | 6.9   | 0.0 |
| 25°    | 10.4  | 6.9 | 6.9   | 0.0 |
| 22.5°  | 10.4  | 6.9 | 6.9   | 0.0 |
| 20°    | 10.4  | 6.9 | 6.9   | 0.0 |
| 17.5°  | 10.4  | 6.9 | 6.9   | 0.0 |
| 15°    | 10.4  | 6.9 | 6.9   | 0.0 |
| 12.5°  | 10.4  | 6.9 | 6.9   | 0.0 |
| 10°    | 10.4  | 6.9 | 6.9   | 0.0 |
| 7.5°   | 10.4  | 6.9 | 6.9   | 0.0 |
| 5°     | 10.4  | 6.9 | 6.9   | 0.0 |
| 2.5°   | 10.4  | 6.9 | 6.9   | 0.0 |
| 0°     | 10.4  | 6.9 | 6.9   | 0.0 |
| -2.5°  | 10.4  | 6.9 | 6.9   | 0.0 |
| -5°    | 10.4  | 6.9 | 6.9   | 0.0 |
| -7.5°  | 10.4  | 6.9 | 6.9   | 0.0 |
| -10°   | 10.4  | 6.9 | 6.9   | 0.0 |
| -12.5° | 13.8  | 6.9 | 6.9   | 0.0 |
| -15°   | 13.8  | 6.9 | 6.9   | 0.0 |
| -17.5° | 13.8  | 6.9 | 6.9   | 0.0 |
| -20°   | 13.8  | 6.9 | 6.9   | 0.0 |

REPORT NUMBER: P723857

CATALOG NUMBER: IFLD-L-SA7B-830-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-----|-------|-----|
| -22.5° | 13.8  | 6.9 | 6.9   | 0.0 |
| -25°   | 13.8  | 6.9 | 6.9   | 0.0 |
| -27.5° | 13.8  | 6.9 | 6.9   | 0.0 |
| -30°   | 13.8  | 6.9 | 6.9   | 0.0 |
| -32.5° | 13.8  | 6.9 | 6.9   | 0.0 |
| -35°   | 13.8  | 6.9 | 6.9   | 0.0 |
| -37.5° | 13.8  | 6.9 | 6.9   | 0.0 |
| -40°   | 13.8  | 6.9 | 6.9   | 0.0 |
| -42.5° | 10.4  | 6.9 | 3.5   | 0.0 |
| -45°   | 13.8  | 6.9 | 3.5   | 0.0 |
| -47.5° | 13.8  | 6.9 | 3.5   | 0.0 |
| -50°   | 13.8  | 6.9 | 3.5   | 0.0 |
| -52.5° | 13.8  | 6.9 | 3.5   | 0.0 |
| -55°   | 13.8  | 6.9 | 3.5   | 0.0 |
| -57.5° | 13.8  | 6.9 | 3.5   | 0.0 |
| -60°   | 13.8  | 6.9 | 3.5   | 0.0 |
| -62.5° | 13.8  | 6.9 | 3.5   | 0.0 |
| -65°   | 13.8  | 6.9 | 3.5   | 0.0 |
| -67.5° | 13.8  | 6.9 | 3.5   | 0.0 |
| -70°   | 13.8  | 3.5 | 3.5   | 0.0 |
| -72.5° | 10.4  | 3.5 | 3.5   | 0.0 |
| -75°   | 10.4  | 3.5 | 3.5   | 0.0 |
| -77.5° | 6.9   | 3.5 | 0.0   | 0.0 |
| -80°   | 6.9   | 3.5 | 0.0   | 0.0 |
| -82.5° | 6.9   | 3.5 | 0.0   | 0.0 |
| -85°   | 3.5   | 0.0 | 0.0   | 0.0 |
| -87.5° | 3.5   | 0.0 | 0.0   | 0.0 |
| -90°   | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)