

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

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P271605

Luminaire Tested: **ISS-AF-1000-LED-E1-SLL-7027-ULG**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271605  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29764)-DOWNLIGHT AND  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: ISS-AF-1000-LED-E1-SLL-7027-ULG  
Description: IMPACT ELITE LED QUATER SPHERE LUMINAIRE WITH UPLIGHT  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT, WITH  
UPLIGHT GLOW  
Light Source: (16) 2700K CCT, 70 CRI LEDs and (1) UPLIGHT LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

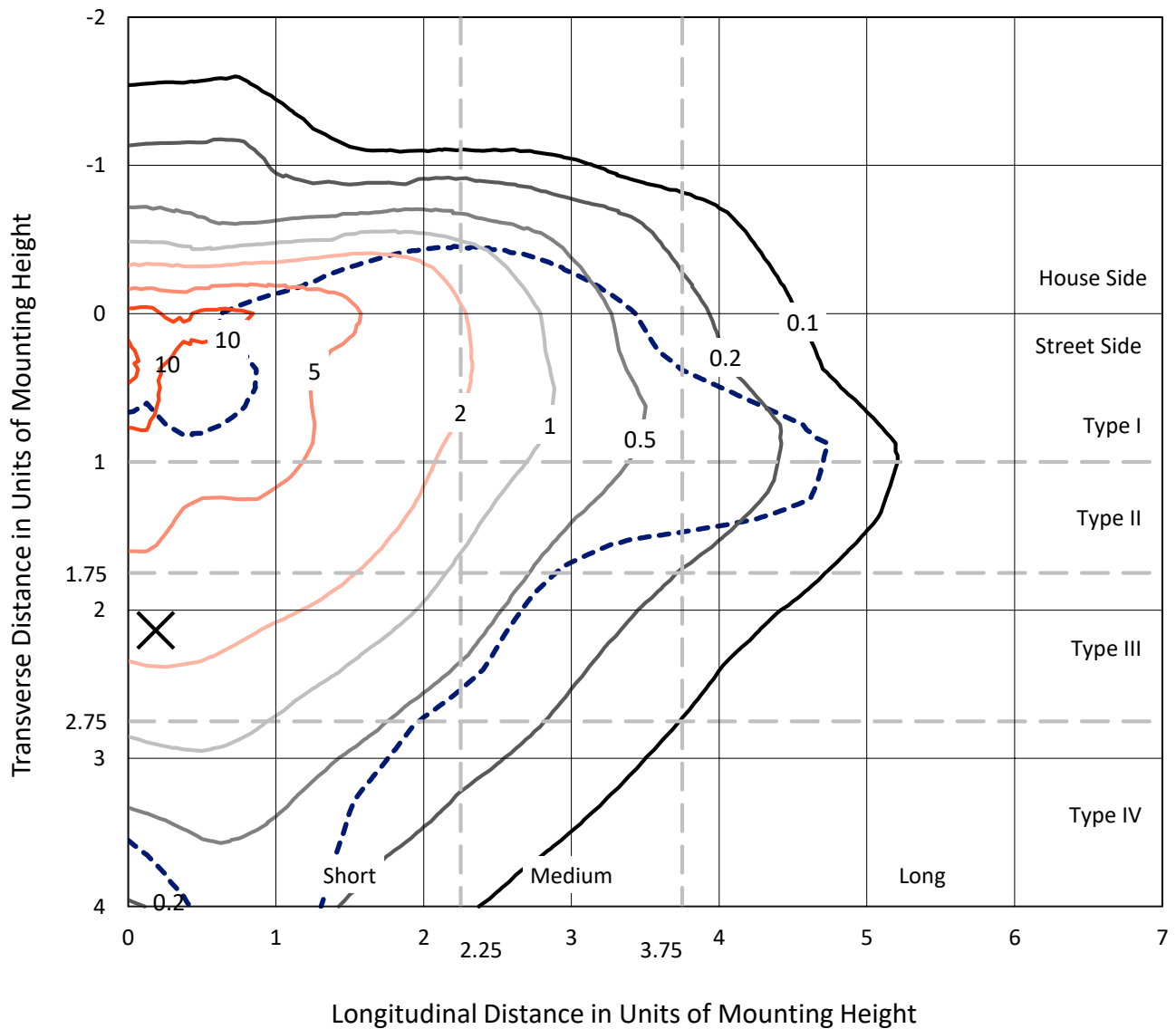
Lumens per Lamp: N/A  
Luminaire Lumens: 5589.7 lumens  
Efficiency: N/A  
Efficacy: 78.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U5 - G2  
  
Input Watts (W): 71.3  
Input Voltage (V): 120  
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: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

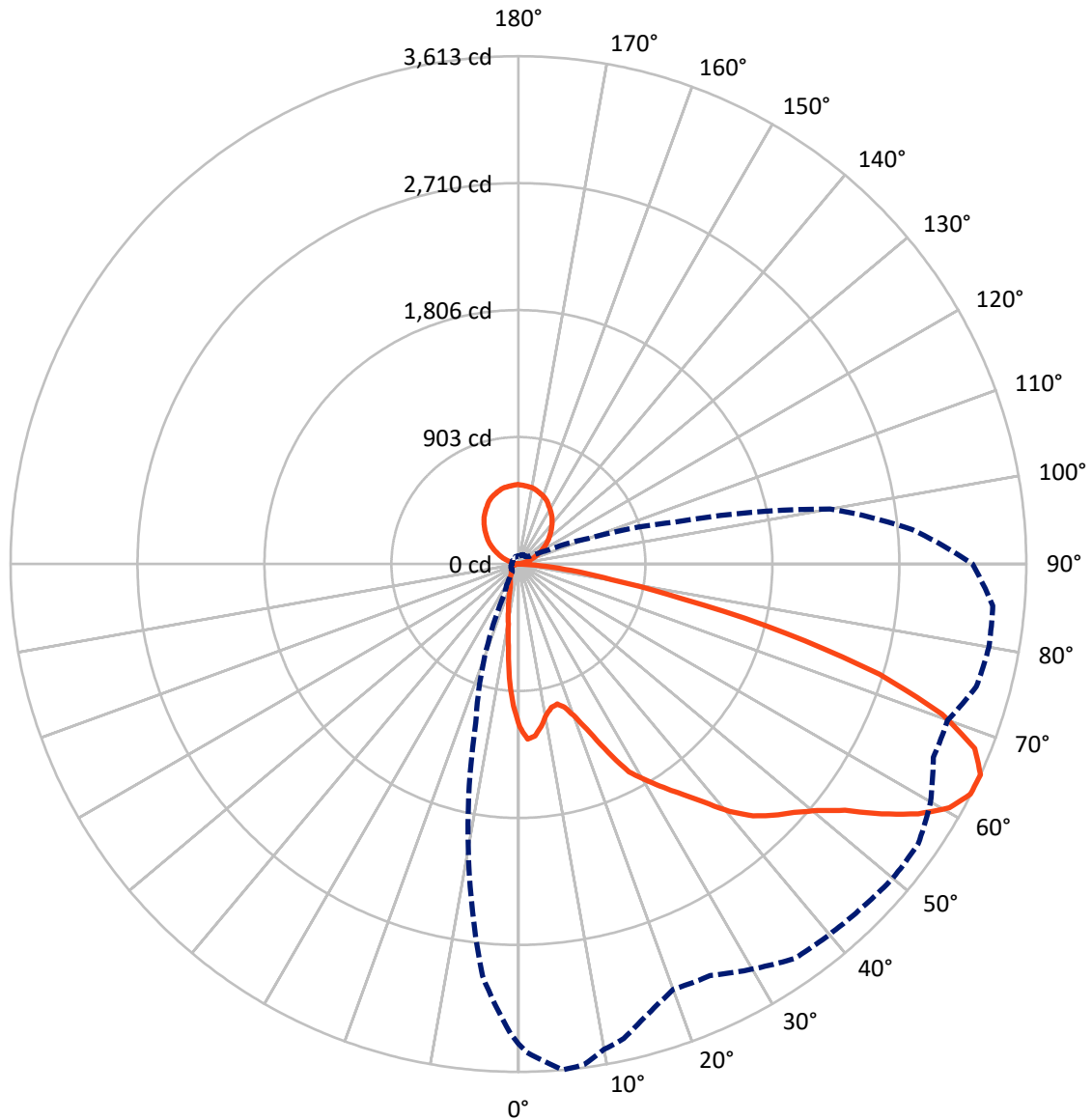
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.7 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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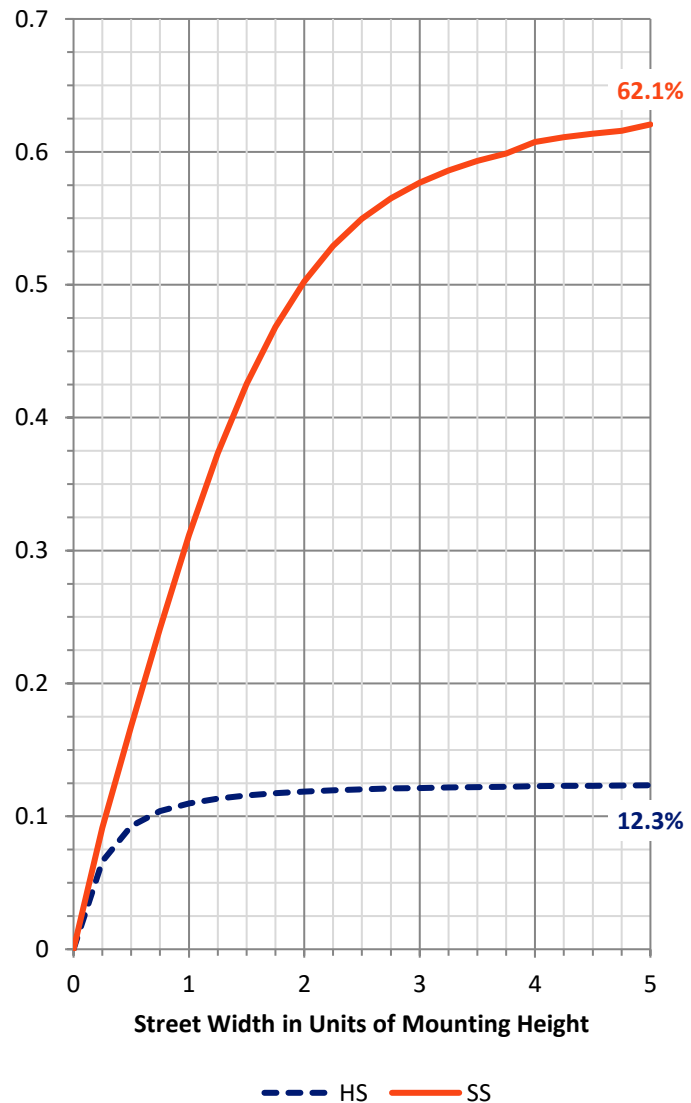
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 696.7    | 699.9  | 1396.6 |
|                    | % Fixture | 12.5     | 12.5   | 25.0   |
| <b>Street Side</b> | Lumens    | 3493.3   | 699.9  | 4193.1 |
|                    | % Fixture | 62.5     | 12.5   | 75.0   |
| <b>Total</b>       | Lumens    | 4190.0   | 1399.8 | 5589.7 |
|                    | % Fixture | 75.0     | 25.0   | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 89.0   | 1.6       |
| 10°-20°   | 183.5  | 3.3       |
| 20°-30°   | 266.7  | 4.8       |
| 30°-40°   | 394.5  | 7.1       |
| 40°-50°   | 574.7  | 10.3      |
| 50°-60°   | 861.5  | 15.4      |
| 60°-70°   | 1073.6 | 19.2      |
| 70°-80°   | 628.9  | 11.3      |
| 80°-90°   | 117.6  | 2.1       |
| 90°-100°  | 4.7    | 0.1       |
| 100°-110° | 67.7   | 1.2       |
| 110°-120° | 150.2  | 2.7       |
| 120°-130° | 219.7  | 3.9       |
| 130°-140° | 260.7  | 4.7       |
| 140°-150° | 264.3  | 4.7       |
| 150°-160° | 226.8  | 4.1       |
| 160°-170° | 152.2  | 2.7       |
| 170°-180° | 53.3   | 1.0       |
| 0°-90°    | 4190.0 | 75.0      |
| 0°-180°   | 5589.7 | 100.0     |



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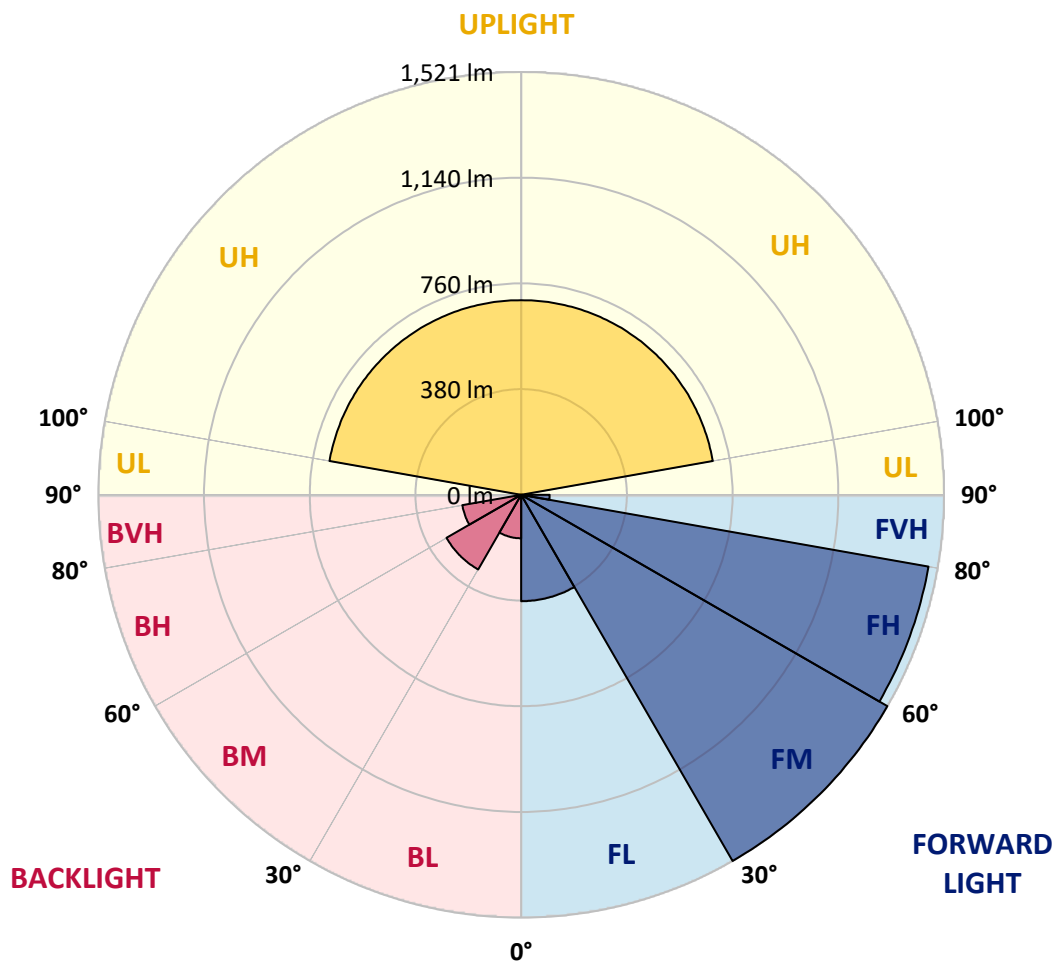
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |         |         |
|------|-------------|--------|-----------|-------------------------|---------|---------|
|      |             |        |           | B                       | U       | G       |
| FL   | (0°-30°)    | 382.8  | 6.8       |                         |         |         |
| FM   | (30°-60°)   | 1520.6 | 27.2      |                         |         |         |
| FH   | (60°-80°)   | 1487.4 | 26.6      |                         |         | G1/1800 |
| FVH  | (80°-90°)   | 102.4  | 1.8       |                         |         | G2/225  |
| BL   | (0°-30°)    | 156.4  | 2.8       | B1/500                  |         |         |
| BM   | (30°-60°)   | 310.1  | 5.5       | B1/1000                 |         |         |
| BH   | (60°-80°)   | 215.0  | 3.8       | B1/500                  |         | G1/500  |
| BVH  | (80°-90°)   | 15.2   | 0.3       |                         |         | G1/100  |
| UL   | (90°-100°)  | 4.7    | 0.1       |                         | U1/10   |         |
| UH   | (100°-180°) | 699.9  | 12.5      |                         | U4/1000 |         |

**BUG Rating: B1-U5-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 25°    | 35°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 |
| 2.5°   | 1230.9 | 1227.5 | 1247.5 | 1250.8 | 1264.1 | 1264.1 | 1279.0 | 1292.2 | 1297.2 | 1308.8 | 1338.7 |
| 5°     | 1191.1 | 1201.0 | 1229.2 | 1257.4 | 1277.3 | 1297.2 | 1318.8 | 1345.3 | 1367.0 | 1403.4 | 1479.7 |
| 7.5°   | 1103.1 | 1118.0 | 1166.2 | 1194.4 | 1225.8 | 1260.7 | 1287.2 | 1318.8 | 1351.9 | 1413.3 | 1549.4 |
| 10°    | 1016.8 | 1028.5 | 1089.8 | 1124.7 | 1169.4 | 1206.0 | 1244.2 | 1279.0 | 1315.5 | 1391.7 | 1549.4 |
| 12.5°  | 962.2  | 977.1  | 1046.7 | 1079.9 | 1131.3 | 1169.4 | 1215.9 | 1257.4 | 1300.6 | 1381.9 | 1534.5 |
| 15°    | 950.5  | 967.0  | 1033.5 | 1074.9 | 1119.6 | 1156.2 | 1197.7 | 1240.8 | 1283.9 | 1363.5 | 1499.6 |
| 17.5°  | 982.0  | 1001.9 | 1073.3 | 1119.6 | 1154.5 | 1196.0 | 1225.8 | 1267.4 | 1295.5 | 1358.6 | 1423.3 |
| 20°    | 1056.7 | 1079.9 | 1164.6 | 1209.3 | 1237.4 | 1264.1 | 1287.2 | 1312.2 | 1323.7 | 1338.7 | 1327.1 |
| 22.5°  | 1176.2 | 1204.3 | 1300.6 | 1351.9 | 1371.8 | 1391.7 | 1393.5 | 1396.8 | 1388.4 | 1348.6 | 1259.1 |
| 25°    | 1347.0 | 1375.1 | 1484.7 | 1534.5 | 1534.5 | 1534.5 | 1516.2 | 1503.0 | 1464.8 | 1390.0 | 1240.8 |
| 27.5°  | 1506.2 | 1542.7 | 1673.7 | 1705.3 | 1695.3 | 1680.4 | 1645.5 | 1612.4 | 1557.6 | 1433.2 | 1239.1 |
| 30°    | 1625.7 | 1662.1 | 1783.2 | 1808.1 | 1783.2 | 1746.8 | 1692.0 | 1643.9 | 1579.2 | 1454.7 | 1250.8 |
| 32.5°  | 1735.2 | 1778.3 | 1894.3 | 1897.7 | 1852.9 | 1811.4 | 1750.1 | 1695.3 | 1627.3 | 1494.6 | 1285.7 |
| 35°    | 1851.2 | 1894.3 | 2012.1 | 1988.9 | 1924.3 | 1867.8 | 1804.9 | 1756.6 | 1688.7 | 1546.1 | 1342.0 |
| 37.5°  | 2012.1 | 2050.3 | 2149.8 | 2095.0 | 2012.1 | 1939.2 | 1871.2 | 1808.1 | 1740.1 | 1615.7 | 1436.6 |
| 40°    | 2168.1 | 2222.9 | 2314.0 | 2226.2 | 2125.0 | 2027.0 | 1952.5 | 1886.1 | 1811.4 | 1710.2 | 1557.6 |
| 42.5°  | 2314.0 | 2365.5 | 2450.0 | 2337.3 | 2219.5 | 2121.7 | 2043.6 | 1972.4 | 1901.0 | 1818.1 | 1703.6 |
| 45°    | 2425.2 | 2478.3 | 2549.6 | 2430.2 | 2295.8 | 2194.6 | 2110.0 | 2047.0 | 1984.0 | 1927.5 | 1887.8 |
| 47.5°  | 2533.0 | 2586.1 | 2640.8 | 2511.5 | 2378.7 | 2275.9 | 2176.4 | 2118.3 | 2068.5 | 2038.7 | 2086.9 |
| 50°    | 2672.4 | 2708.9 | 2755.3 | 2616.0 | 2475.0 | 2357.2 | 2257.7 | 2212.9 | 2166.4 | 2176.4 | 2337.3 |
| 52.5°  | 2861.6 | 2893.0 | 2909.6 | 2773.6 | 2616.0 | 2481.6 | 2372.2 | 2310.8 | 2272.6 | 2330.7 | 2602.7 |
| 55°    | 3128.5 | 3173.4 | 3136.8 | 3002.5 | 2803.4 | 2650.8 | 2516.4 | 2443.5 | 2420.2 | 2498.2 | 2868.1 |
| 57.5°  | 3359.1 | 3379.1 | 3352.6 | 3219.7 | 3015.8 | 2844.9 | 2702.2 | 2625.9 | 2599.3 | 2702.2 | 3110.3 |
| 60°    | 3460.3 | 3485.2 | 3521.6 | 3407.2 | 3216.5 | 3047.3 | 2924.5 | 2849.9 | 2805.0 | 2924.5 | 3304.3 |
| 62.5°  | 3476.9 | 3518.4 | 3608.0 | 3549.9 | 3399.0 | 3272.9 | 3161.8 | 3058.9 | 3024.1 | 3115.3 | 3432.2 |
| 65°    | 3412.2 | 3475.3 | 3612.9 | 3591.3 | 3506.7 | 3458.7 | 3365.8 | 3286.1 | 3219.7 | 3229.8 | 3425.5 |
| 67.5°  | 3266.2 | 3339.2 | 3500.2 | 3490.2 | 3500.2 | 3500.2 | 3418.9 | 3352.6 | 3266.2 | 3143.5 | 3173.4 |
| 70°    | 2914.6 | 3010.8 | 3196.6 | 3244.7 | 3329.3 | 3329.3 | 3258.0 | 3156.7 | 3057.2 | 2805.0 | 2652.4 |
| 72.5°  | 2335.6 | 2400.3 | 2685.7 | 2919.5 | 3027.4 | 2984.2 | 2914.6 | 2745.4 | 2526.4 | 2249.4 | 2042.0 |
| 75°    | 1580.8 | 1619.0 | 1969.1 | 2396.9 | 2592.8 | 2556.3 | 2441.9 | 2231.1 | 2005.6 | 1697.0 | 1435.0 |
| 77.5°  | 880.9  | 930.6  | 1192.7 | 1527.7 | 1791.5 | 1786.5 | 1771.6 | 1637.3 | 1458.1 | 1202.7 | 1066.6 |
| 80°    | 517.5  | 534.1  | 671.8  | 915.7  | 1142.9 | 1088.2 | 1050.1 | 943.8  | 852.6  | 736.5  | 841.0  |
| 82.5°  | 316.8  | 300.2  | 381.5  | 557.4  | 675.2  | 651.9  | 587.2  | 547.3  | 504.3  | 472.8  | 559.0  |
| 85°    | 86.2   | 78.0   | 155.9  | 233.9  | 287.0  | 310.3  | 310.3  | 307.0  | 275.4  | 207.4  | 248.8  |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| 97.5°  | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.2    | 2.4    | 3.0    | 4.0    |
| 100°   | 7.8    | 7.8    | 7.8    | 8.4    | 8.8    | 9.3    | 9.8    | 10.8   | 11.8   | 13.7   | 21.6   |
| 102.5° | 27.5   | 27.5   | 27.5   | 28.5   | 29.5   | 30.5   | 31.4   | 32.9   | 34.3   | 37.3   | 44.2   |
| 105°   | 53.0   | 53.0   | 53.0   | 53.4   | 54.0   | 54.4   | 55.0   | 56.1   | 57.4   | 59.8   | 64.8   |
| 107.5° | 76.5   | 76.4   | 75.5   | 76.4   | 77.1   | 77.7   | 78.5   | 79.5   | 80.5   | 82.5   | 86.3   |
| 110°   | 99.2   | 99.4   | 100.1  | 100.3  | 100.6  | 100.9  | 101.1  | 101.9  | 102.6  | 104.0  | 108.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 1°    | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 25°   | 35°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 121.7 | 121.7 | 121.7 | 122.2 | 122.7 | 123.2 | 123.7 | 124.4 | 125.1 | 126.6 | 129.5 |
| 115°   | 143.3 | 143.5 | 144.3 | 144.8 | 145.3 | 145.7 | 146.2 | 146.7 | 147.2 | 148.2 | 151.2 |
| 117.5° | 165.8 | 166.1 | 166.8 | 167.4 | 167.8 | 168.3 | 168.8 | 169.3 | 169.8 | 170.8 | 173.7 |
| 120°   | 189.5 | 189.8 | 191.4 | 191.6 | 191.9 | 192.1 | 192.3 | 192.9 | 193.3 | 194.3 | 197.3 |
| 122.5° | 215.0 | 215.1 | 216.0 | 216.1 | 216.4 | 216.7 | 216.9 | 217.4 | 217.9 | 218.8 | 221.8 |
| 125°   | 239.5 | 239.8 | 241.5 | 241.6 | 241.9 | 242.3 | 242.5 | 242.6 | 242.9 | 243.4 | 246.3 |
| 127.5° | 262.0 | 262.5 | 264.0 | 264.2 | 264.6 | 264.8 | 265.0 | 265.4 | 266.0 | 267.0 | 269.0 |
| 130°   | 284.7 | 285.0 | 286.6 | 286.8 | 287.1 | 287.4 | 287.5 | 287.7 | 288.1 | 288.5 | 292.5 |
| 132.5° | 307.2 | 307.4 | 308.2 | 308.9 | 309.6 | 310.4 | 311.2 | 311.4 | 311.6 | 312.1 | 315.0 |
| 135°   | 329.8 | 329.9 | 330.8 | 331.3 | 331.7 | 332.2 | 332.7 | 333.2 | 333.7 | 334.7 | 338.6 |
| 137.5° | 352.3 | 352.6 | 353.3 | 354.1 | 354.8 | 355.5 | 356.3 | 356.4 | 356.8 | 357.3 | 360.2 |
| 140°   | 375.0 | 375.1 | 375.9 | 376.4 | 376.9 | 377.4 | 377.8 | 378.1 | 378.4 | 378.8 | 380.8 |
| 142.5° | 396.5 | 396.9 | 398.5 | 398.9 | 399.5 | 399.9 | 400.5 | 400.3 | 399.9 | 399.5 | 402.4 |
| 145°   | 417.2 | 417.4 | 418.1 | 418.6 | 419.1 | 419.6 | 420.0 | 420.0 | 420.0 | 420.0 | 423.0 |
| 147.5° | 435.8 | 435.8 | 435.8 | 436.6 | 437.3 | 437.9 | 438.7 | 438.9 | 439.2 | 439.7 | 443.7 |
| 150°   | 452.5 | 452.7 | 453.5 | 453.9 | 454.5 | 454.9 | 455.4 | 455.6 | 455.9 | 456.4 | 460.3 |
| 152.5° | 470.2 | 470.4 | 471.1 | 471.9 | 472.6 | 473.2 | 474.0 | 473.9 | 473.6 | 473.0 | 476.0 |
| 155°   | 489.8 | 489.9 | 490.7 | 491.2 | 491.7 | 492.2 | 492.7 | 492.5 | 492.2 | 491.7 | 493.7 |
| 157.5° | 503.5 | 503.9 | 505.5 | 505.9 | 506.5 | 506.9 | 507.5 | 507.3 | 506.9 | 506.5 | 509.4 |
| 160°   | 515.3 | 515.6 | 517.2 | 517.7 | 518.2 | 518.7 | 519.2 | 519.2 | 519.2 | 519.2 | 522.2 |
| 162.5° | 525.1 | 525.3 | 526.0 | 526.9 | 527.6 | 528.2 | 529.0 | 528.8 | 528.6 | 528.0 | 531.0 |
| 165°   | 535.9 | 536.1 | 536.8 | 537.4 | 537.8 | 538.4 | 538.8 | 538.6 | 538.4 | 537.8 | 541.8 |
| 167.5° | 544.7 | 544.9 | 545.7 | 546.5 | 547.2 | 547.9 | 548.7 | 548.4 | 548.1 | 547.7 | 550.6 |
| 170°   | 551.6 | 551.8 | 552.5 | 553.4 | 554.1 | 554.7 | 555.5 | 555.3 | 555.1 | 554.5 | 556.5 |
| 172.5° | 554.5 | 554.7 | 555.5 | 556.3 | 556.9 | 557.7 | 558.5 | 557.9 | 557.5 | 556.5 | 558.5 |
| 175°   | 556.5 | 556.9 | 558.5 | 558.7 | 558.9 | 559.3 | 559.5 | 559.3 | 558.9 | 558.5 | 561.4 |
| 177.5° | 561.4 | 561.6 | 562.4 | 562.9 | 563.3 | 563.9 | 564.3 | 564.1 | 563.9 | 563.3 | 567.3 |
| 180°   | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 |





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**CANDELA DISTRIBUTION (continued):**

|        | 45°    | 50°    | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 |
| 2.5°   | 1350.3 | 1351.9 | 1347.0 | 1358.6 | 1345.3 | 1338.7 | 1318.8 | 1318.8 | 1302.3 | 1288.9 | 1274.0 |
| 5°     | 1507.9 | 1517.9 | 1509.5 | 1511.2 | 1484.7 | 1458.1 | 1418.3 | 1395.1 | 1353.6 | 1308.8 | 1262.4 |
| 7.5°   | 1614.1 | 1630.6 | 1624.0 | 1595.7 | 1554.3 | 1497.9 | 1431.6 | 1368.6 | 1300.6 | 1227.5 | 1159.5 |
| 10°    | 1642.2 | 1660.4 | 1645.5 | 1592.4 | 1524.4 | 1444.8 | 1365.2 | 1280.6 | 1197.7 | 1119.6 | 1046.7 |
| 12.5°  | 1602.5 | 1615.7 | 1584.3 | 1526.1 | 1459.7 | 1380.2 | 1297.2 | 1224.2 | 1126.4 | 1043.4 | 958.9  |
| 15°    | 1501.2 | 1492.9 | 1489.6 | 1448.2 | 1401.7 | 1336.9 | 1259.1 | 1184.4 | 1093.1 | 1008.5 | 919.0  |
| 17.5°  | 1391.7 | 1381.9 | 1385.2 | 1368.6 | 1361.9 | 1332.1 | 1274.0 | 1210.9 | 1129.7 | 1026.9 | 930.6  |
| 20°    | 1295.5 | 1285.7 | 1290.5 | 1298.9 | 1323.7 | 1325.4 | 1315.5 | 1274.0 | 1214.3 | 1106.4 | 988.7  |
| 22.5°  | 1212.6 | 1214.3 | 1230.9 | 1254.0 | 1295.5 | 1348.6 | 1390.0 | 1398.4 | 1356.9 | 1230.9 | 1083.3 |
| 25°    | 1187.6 | 1179.5 | 1197.7 | 1235.8 | 1305.5 | 1408.4 | 1501.2 | 1547.7 | 1524.4 | 1398.4 | 1217.7 |
| 27.5°  | 1179.5 | 1167.9 | 1187.6 | 1237.4 | 1348.6 | 1492.9 | 1625.7 | 1695.3 | 1703.6 | 1574.2 | 1361.9 |
| 30°    | 1179.5 | 1174.4 | 1194.4 | 1259.1 | 1376.8 | 1521.1 | 1668.8 | 1773.3 | 1806.5 | 1698.7 | 1488.0 |
| 32.5°  | 1194.4 | 1197.7 | 1232.6 | 1315.5 | 1436.6 | 1584.3 | 1736.9 | 1849.6 | 1909.3 | 1828.1 | 1589.1 |
| 35°    | 1227.5 | 1234.2 | 1283.9 | 1380.2 | 1511.2 | 1660.4 | 1799.8 | 1914.3 | 2010.5 | 1967.4 | 1683.7 |
| 37.5°  | 1298.9 | 1308.8 | 1370.2 | 1468.1 | 1587.6 | 1721.9 | 1857.9 | 1980.7 | 2120.0 | 2101.8 | 1783.2 |
| 40°    | 1424.9 | 1424.9 | 1486.3 | 1571.0 | 1668.8 | 1771.6 | 1906.0 | 2050.3 | 2221.1 | 2246.0 | 1906.0 |
| 42.5°  | 1584.3 | 1577.5 | 1617.4 | 1678.8 | 1746.8 | 1833.0 | 1954.2 | 2115.0 | 2315.7 | 2370.4 | 1998.9 |
| 45°    | 1803.2 | 1770.0 | 1791.5 | 1806.5 | 1839.7 | 1892.7 | 2000.5 | 2176.4 | 2392.1 | 2463.3 | 2068.5 |
| 47.5°  | 2060.3 | 2013.8 | 1995.6 | 1967.4 | 1955.8 | 1975.6 | 2068.5 | 2224.6 | 2464.9 | 2543.0 | 2181.4 |
| 50°    | 2343.9 | 2299.1 | 2251.1 | 2174.8 | 2108.4 | 2088.5 | 2144.8 | 2289.2 | 2543.0 | 2642.5 | 2305.8 |
| 52.5°  | 2639.2 | 2607.7 | 2544.7 | 2425.2 | 2299.1 | 2227.8 | 2254.4 | 2396.9 | 2667.3 | 2796.9 | 2453.5 |
| 55°    | 2909.6 | 2919.5 | 2843.2 | 2703.9 | 2523.1 | 2413.6 | 2445.2 | 2587.7 | 2893.0 | 3045.6 | 2700.6 |
| 57.5°  | 3199.9 | 3173.4 | 3113.6 | 2969.3 | 2771.9 | 2654.1 | 2667.3 | 2839.9 | 3145.1 | 3261.3 | 2946.1 |
| 60°    | 3392.3 | 3392.3 | 3327.6 | 3218.2 | 3030.7 | 2921.2 | 2941.1 | 3100.4 | 3347.5 | 3359.1 | 3055.6 |
| 62.5°  | 3516.8 | 3535.0 | 3483.5 | 3405.6 | 3223.1 | 3131.9 | 3199.9 | 3312.7 | 3447.1 | 3350.9 | 3000.8 |
| 65°    | 3456.9 | 3476.9 | 3471.9 | 3385.7 | 3256.3 | 3249.7 | 3372.3 | 3399.0 | 3387.3 | 3229.8 | 2811.8 |
| 67.5°  | 3186.6 | 3146.9 | 3145.1 | 3100.4 | 3073.8 | 3211.5 | 3367.5 | 3375.7 | 3180.0 | 2992.5 | 2513.1 |
| 70°    | 2672.4 | 2604.4 | 2577.9 | 2591.1 | 2712.3 | 2969.3 | 3191.6 | 3128.5 | 2816.6 | 2655.7 | 2139.9 |
| 72.5°  | 2060.3 | 1979.0 | 1962.3 | 2013.8 | 2201.3 | 2563.0 | 2866.4 | 2778.5 | 2315.7 | 2128.3 | 1657.1 |
| 75°    | 1461.5 | 1426.6 | 1428.2 | 1529.5 | 1731.8 | 2080.1 | 2433.5 | 2425.2 | 1715.2 | 1468.1 | 1141.3 |
| 77.5°  | 1063.3 | 1069.9 | 1099.9 | 1139.6 | 1313.8 | 1650.5 | 1982.3 | 1960.7 | 1220.9 | 1008.5 | 798.0  |
| 80°    | 877.6  | 887.4  | 887.4  | 865.9  | 910.7  | 1089.8 | 1347.0 | 1438.2 | 817.7  | 678.5  | 557.4  |
| 82.5°  | 630.3  | 680.2  | 708.3  | 673.5  | 656.9  | 718.3  | 844.4  | 904.1  | 509.2  | 428.0  | 389.9  |
| 85°    | 300.2  | 343.4  | 353.3  | 344.9  | 396.4  | 452.8  | 482.7  | 494.3  | 278.7  | 199.1  | 255.5  |
| 87.5°  | 0.0    | 0.0    | 1.7    | 13.3   | 36.5   | 63.0   | 63.0   | 96.2   | 14.9   | 5.0    | 11.6   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| 97.5°  | 8.8    | 10.8   | 12.8   | 9.8    | 6.8    | 5.9    | 4.9    | 4.4    | 4.0    | 4.0    | 4.0    |
| 100°   | 29.5   | 30.5   | 31.4   | 30.5   | 29.5   | 27.9   | 26.5   | 26.1   | 25.5   | 24.5   | 25.5   |
| 102.5° | 49.0   | 49.6   | 50.0   | 49.6   | 49.0   | 48.1   | 47.1   | 47.6   | 48.1   | 47.1   | 48.1   |
| 105°   | 68.7   | 69.2   | 69.7   | 69.7   | 69.7   | 68.7   | 67.7   | 68.7   | 69.7   | 67.7   | 69.7   |
| 107.5° | 89.3   | 90.3   | 91.3   | 90.8   | 90.3   | 89.8   | 89.3   | 89.8   | 90.3   | 89.3   | 90.3   |
| 110°   | 110.0  | 110.9  | 111.9  | 111.9  | 111.9  | 111.4  | 110.9  | 111.4  | 111.9  | 110.9  | 111.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 45°   | 50°   | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 131.5 | 132.5 | 133.5 | 133.5 | 133.5 | 132.9 | 132.5 | 133.5 | 134.5 | 132.5 | 134.5 |
| 115°   | 153.1 | 154.1 | 155.0 | 155.0 | 155.0 | 155.0 | 155.0 | 156.0 | 157.0 | 156.0 | 157.0 |
| 117.5° | 175.7 | 176.2 | 176.7 | 177.1 | 177.7 | 177.1 | 176.7 | 177.7 | 178.7 | 176.7 | 178.7 |
| 120°   | 198.3 | 199.2 | 200.2 | 200.2 | 200.2 | 200.2 | 200.2 | 201.2 | 202.2 | 200.2 | 202.2 |
| 122.5° | 222.8 | 223.3 | 223.8 | 223.8 | 223.8 | 224.3 | 224.8 | 226.7 | 228.7 | 227.7 | 228.7 |
| 125°   | 247.3 | 247.8 | 248.3 | 248.8 | 249.3 | 249.3 | 249.3 | 250.8 | 252.2 | 251.3 | 252.2 |
| 127.5° | 270.9 | 271.8 | 272.8 | 272.4 | 271.8 | 272.4 | 272.8 | 274.3 | 275.8 | 272.8 | 275.8 |
| 130°   | 293.5 | 294.5 | 295.5 | 295.5 | 295.5 | 295.9 | 296.4 | 297.9 | 299.3 | 297.4 | 299.3 |
| 132.5° | 316.0 | 317.6 | 319.0 | 319.0 | 319.0 | 319.4 | 320.0 | 321.4 | 322.9 | 321.0 | 322.9 |
| 135°   | 338.6 | 340.1 | 341.5 | 341.5 | 341.5 | 342.1 | 342.5 | 343.5 | 344.5 | 343.5 | 344.5 |
| 137.5° | 360.2 | 361.2 | 362.2 | 362.2 | 362.2 | 362.6 | 363.2 | 365.1 | 367.0 | 365.1 | 367.0 |
| 140°   | 381.8 | 382.3 | 382.8 | 382.8 | 382.8 | 383.8 | 384.7 | 386.7 | 388.7 | 386.7 | 388.7 |
| 142.5° | 402.4 | 403.4 | 404.3 | 404.3 | 404.3 | 404.9 | 405.3 | 406.8 | 408.3 | 407.3 | 408.3 |
| 145°   | 424.0 | 425.0 | 426.0 | 425.4 | 425.0 | 425.4 | 426.0 | 427.4 | 428.9 | 427.0 | 428.9 |
| 147.5° | 444.6 | 445.1 | 445.6 | 444.6 | 443.7 | 444.1 | 444.6 | 446.1 | 447.5 | 444.6 | 447.5 |
| 150°   | 461.3 | 461.8 | 462.3 | 461.3 | 460.3 | 460.3 | 460.3 | 462.3 | 464.2 | 461.3 | 464.2 |
| 152.5° | 477.0 | 477.4 | 478.0 | 477.4 | 477.0 | 477.0 | 477.0 | 478.4 | 480.0 | 477.0 | 480.0 |
| 155°   | 493.7 | 494.2 | 494.7 | 494.2 | 493.7 | 494.2 | 494.7 | 496.1 | 497.6 | 495.7 | 497.6 |
| 157.5° | 509.4 | 509.4 | 509.4 | 508.4 | 507.5 | 507.9 | 508.4 | 510.9 | 513.3 | 510.3 | 513.3 |
| 160°   | 522.2 | 522.2 | 522.2 | 521.2 | 520.2 | 520.2 | 520.2 | 521.6 | 523.2 | 521.2 | 523.2 |
| 162.5° | 531.0 | 531.4 | 532.0 | 531.0 | 530.0 | 529.0 | 528.0 | 529.0 | 530.0 | 527.0 | 530.0 |
| 165°   | 541.8 | 542.3 | 542.8 | 541.3 | 539.8 | 538.8 | 537.8 | 538.8 | 539.8 | 537.8 | 539.8 |
| 167.5° | 549.7 | 549.7 | 549.7 | 548.7 | 547.7 | 548.1 | 548.7 | 550.6 | 552.5 | 550.6 | 552.5 |
| 170°   | 555.5 | 555.1 | 554.5 | 554.1 | 553.5 | 554.5 | 555.5 | 557.9 | 560.5 | 558.5 | 560.5 |
| 172.5° | 557.5 | 557.9 | 558.5 | 557.5 | 556.5 | 556.9 | 557.5 | 558.9 | 560.5 | 557.5 | 560.5 |
| 175°   | 561.4 | 561.9 | 562.4 | 560.9 | 559.5 | 558.5 | 557.5 | 558.9 | 560.5 | 557.5 | 560.5 |
| 177.5° | 566.3 | 566.3 | 566.3 | 564.9 | 563.3 | 563.3 | 563.3 | 564.9 | 566.3 | 563.3 | 566.3 |
| 180°   | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 145°   | 155°   | 165°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 |
| 2.5°   | 1254.0 | 1232.6 | 1215.9 | 1196.0 | 1179.5 | 1162.9 | 1151.3 | 1126.4 | 1106.4 | 1061.7 | 1050.1 |
| 5°     | 1224.2 | 1177.8 | 1146.2 | 1116.4 | 1078.2 | 1051.6 | 1023.5 | 988.7  | 950.5  | 885.8  | 865.9  |
| 7.5°   | 1106.4 | 1048.4 | 1005.2 | 962.2  | 912.4  | 867.5  | 826.1  | 779.7  | 713.3  | 643.6  | 617.0  |
| 10°    | 978.7  | 917.3  | 857.6  | 806.2  | 746.5  | 696.7  | 660.3  | 627.1  | 573.9  | 520.8  | 486.1  |
| 12.5°  | 874.2  | 804.5  | 736.5  | 685.0  | 653.6  | 628.7  | 602.1  | 575.6  | 519.2  | 459.6  | 418.0  |
| 15°    | 826.1  | 744.9  | 685.0  | 642.0  | 613.7  | 583.9  | 552.4  | 522.5  | 456.2  | 386.5  | 336.8  |
| 17.5°  | 832.7  | 739.8  | 663.6  | 605.5  | 567.3  | 525.9  | 489.4  | 451.2  | 378.2  | 295.3  | 250.4  |
| 20°    | 869.2  | 744.9  | 640.3  | 572.3  | 517.5  | 464.4  | 418.0  | 369.9  | 280.3  | 215.6  | 184.2  |
| 22.5°  | 915.7  | 761.4  | 627.1  | 539.2  | 471.1  | 404.8  | 344.9  | 288.6  | 207.4  | 169.2  | 154.3  |
| 25°    | 995.3  | 799.5  | 623.7  | 509.2  | 426.3  | 346.7  | 285.3  | 225.7  | 167.5  | 149.3  | 141.0  |
| 27.5°  | 1094.9 | 842.7  | 627.1  | 487.7  | 388.2  | 300.2  | 232.2  | 187.5  | 150.9  | 141.0  | 134.4  |
| 30°    | 1194.4 | 887.4  | 612.1  | 454.5  | 343.4  | 257.2  | 199.1  | 170.9  | 149.3  | 137.7  | 126.0  |
| 32.5°  | 1282.3 | 920.7  | 587.2  | 419.7  | 303.5  | 219.0  | 169.2  | 146.0  | 131.1  | 117.8  | 114.4  |
| 35°    | 1345.3 | 935.6  | 559.0  | 398.1  | 277.0  | 195.7  | 149.3  | 131.1  | 116.2  | 102.9  | 96.2   |
| 37.5°  | 1404.9 | 937.2  | 529.2  | 378.2  | 267.1  | 185.8  | 137.7  | 121.1  | 107.9  | 96.2   | 89.7   |
| 40°    | 1466.4 | 930.6  | 512.7  | 358.3  | 252.2  | 180.8  | 132.7  | 112.7  | 104.6  | 91.3   | 84.6   |
| 42.5°  | 1511.2 | 919.0  | 505.9  | 346.7  | 238.9  | 167.5  | 129.4  | 111.1  | 99.5   | 89.7   | 81.3   |
| 45°    | 1552.7 | 907.4  | 505.9  | 336.8  | 228.9  | 159.3  | 122.8  | 112.7  | 96.2   | 87.9   | 78.0   |
| 47.5°  | 1602.5 | 912.4  | 507.6  | 328.4  | 220.6  | 150.9  | 116.2  | 109.4  | 97.8   | 86.2   | 76.3   |
| 50°    | 1687.1 | 968.7  | 515.9  | 323.5  | 214.0  | 144.3  | 111.1  | 104.6  | 107.9  | 84.6   | 74.6   |
| 52.5°  | 1833.0 | 1058.3 | 529.2  | 320.2  | 207.4  | 139.3  | 104.6  | 101.1  | 109.4  | 84.6   | 73.0   |
| 55°    | 2023.8 | 1149.7 | 542.5  | 311.8  | 197.4  | 129.4  | 101.1  | 94.5   | 101.1  | 84.6   | 71.3   |
| 57.5°  | 2209.7 | 1217.7 | 554.1  | 300.2  | 180.8  | 119.5  | 96.2   | 89.7   | 92.9   | 82.9   | 68.0   |
| 60°    | 2317.4 | 1270.7 | 565.7  | 280.3  | 160.9  | 107.9  | 91.3   | 84.6   | 82.9   | 82.9   | 66.4   |
| 62.5°  | 2347.2 | 1250.8 | 559.0  | 255.5  | 144.3  | 99.5   | 86.2   | 79.6   | 74.6   | 84.6   | 66.4   |
| 65°    | 2252.7 | 1146.2 | 534.1  | 233.9  | 132.7  | 96.2   | 81.3   | 76.3   | 71.3   | 73.0   | 63.0   |
| 67.5°  | 1962.3 | 963.8  | 466.1  | 214.0  | 131.1  | 94.5   | 78.0   | 73.0   | 66.4   | 64.7   | 59.6   |
| 70°    | 1600.8 | 756.5  | 386.5  | 199.1  | 129.4  | 94.5   | 74.6   | 68.0   | 63.0   | 58.1   | 54.8   |
| 72.5°  | 1230.9 | 565.7  | 325.2  | 192.5  | 131.1  | 92.9   | 69.7   | 61.4   | 56.4   | 53.1   | 49.8   |
| 75°    | 865.9  | 399.7  | 270.4  | 172.6  | 122.8  | 87.9   | 64.7   | 54.8   | 49.8   | 46.4   | 43.1   |
| 77.5°  | 627.1  | 272.1  | 200.7  | 139.3  | 104.6  | 76.3   | 56.4   | 46.4   | 41.5   | 39.9   | 36.5   |
| 80°    | 399.7  | 167.5  | 134.4  | 102.9  | 76.3   | 59.6   | 43.1   | 36.5   | 33.1   | 29.8   | 28.2   |
| 82.5°  | 230.5  | 97.8   | 81.3   | 69.7   | 49.8   | 39.9   | 31.5   | 28.2   | 21.6   | 19.9   | 18.2   |
| 85°    | 141.0  | 61.4   | 44.7   | 36.5   | 31.5   | 25.0   | 18.2   | 16.6   | 11.6   | 9.9    | 8.4    |
| 87.5°  | 31.5   | 13.3   | 11.6   | 8.4    | 9.9    | 8.4    | 5.0    | 3.3    | 0.0    | 0.0    | 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    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| 97.5°  | 4.4    | 4.9    | 5.9    | 6.8    | 9.8    | 12.8   | 10.8   | 8.8    | 4.0    | 3.0    | 2.0    |
| 100°   | 26.1   | 26.5   | 27.9   | 29.5   | 30.5   | 31.4   | 30.5   | 29.5   | 21.6   | 13.7   | 9.8    |
| 102.5° | 47.6   | 47.1   | 48.1   | 49.0   | 49.6   | 50.0   | 49.6   | 49.0   | 44.2   | 37.3   | 31.4   |
| 105°   | 68.7   | 67.7   | 68.7   | 69.7   | 69.7   | 69.7   | 69.2   | 68.7   | 64.8   | 59.8   | 55.0   |
| 107.5° | 89.8   | 89.3   | 89.8   | 90.3   | 90.8   | 91.3   | 90.3   | 89.3   | 86.3   | 82.5   | 78.5   |
| 110°   | 111.4  | 110.9  | 111.4  | 111.9  | 111.9  | 111.9  | 110.9  | 110.0  | 108.0  | 104.0  | 101.1  |



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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 100°  | 105°  | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 145°  | 155°  | 165°  |        |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 133.5 | 132.5 | 132.9 | 133.5 | 133.5 | 133.5 | 132.5 | 131.5 | 129.5 | 126.6 | 123.7 | 0°     |
| 115°   | 156.0 | 155.0 | 155.0 | 155.0 | 155.0 | 155.0 | 154.1 | 153.1 | 151.2 | 148.2 | 146.2 | 2.5°   |
| 117.5° | 177.7 | 176.7 | 177.1 | 177.7 | 177.1 | 176.7 | 176.2 | 175.7 | 173.7 | 170.8 | 168.8 | 5°     |
| 120°   | 201.2 | 200.2 | 200.2 | 200.2 | 200.2 | 200.2 | 199.2 | 198.3 | 197.3 | 194.3 | 192.3 | 7.5°   |
| 122.5° | 226.7 | 224.8 | 224.3 | 223.8 | 223.8 | 223.8 | 223.3 | 222.8 | 221.8 | 218.8 | 216.9 | 10°    |
| 125°   | 250.8 | 249.3 | 249.3 | 249.3 | 248.8 | 248.3 | 247.8 | 247.3 | 246.3 | 243.4 | 242.5 | 12.5°  |
| 127.5° | 274.3 | 272.8 | 272.4 | 271.8 | 272.4 | 272.8 | 271.8 | 270.9 | 269.0 | 267.0 | 265.0 | 15°    |
| 130°   | 297.9 | 296.4 | 295.9 | 295.5 | 295.5 | 295.5 | 294.5 | 293.5 | 292.5 | 288.5 | 287.5 | 17.5°  |
| 132.5° | 321.4 | 320.0 | 319.4 | 319.0 | 319.0 | 319.0 | 317.6 | 316.0 | 315.0 | 312.1 | 311.2 | 20°    |
| 135°   | 343.5 | 342.5 | 342.1 | 341.5 | 341.5 | 341.5 | 340.1 | 338.6 | 338.6 | 334.7 | 332.7 | 22.5°  |
| 137.5° | 365.1 | 363.2 | 362.6 | 362.2 | 362.2 | 362.2 | 361.2 | 360.2 | 360.2 | 357.3 | 356.3 | 25°    |
| 140°   | 386.7 | 384.7 | 383.8 | 382.8 | 382.8 | 382.8 | 382.3 | 381.8 | 380.8 | 378.8 | 377.8 | 27.5°  |
| 142.5° | 406.8 | 405.3 | 404.9 | 404.3 | 404.3 | 404.3 | 403.4 | 402.4 | 402.4 | 399.5 | 400.5 | 30°    |
| 145°   | 427.4 | 426.0 | 425.4 | 425.0 | 425.4 | 426.0 | 425.0 | 424.0 | 423.0 | 420.0 | 420.0 | 32.5°  |
| 147.5° | 446.1 | 444.6 | 444.1 | 443.7 | 444.6 | 445.6 | 445.1 | 444.6 | 443.7 | 439.7 | 438.7 | 35°    |
| 150°   | 462.3 | 460.3 | 460.3 | 460.3 | 461.3 | 462.3 | 461.8 | 461.3 | 460.3 | 456.4 | 455.4 | 37.5°  |
| 152.5° | 478.4 | 477.0 | 477.0 | 477.0 | 477.4 | 478.0 | 477.4 | 477.0 | 476.0 | 473.0 | 474.0 | 40°    |
| 155°   | 496.1 | 494.7 | 494.2 | 493.7 | 494.2 | 494.7 | 494.2 | 493.7 | 493.7 | 491.7 | 492.7 | 42.5°  |
| 157.5° | 510.9 | 508.4 | 507.9 | 507.5 | 508.4 | 509.4 | 509.4 | 509.4 | 509.4 | 506.5 | 507.5 | 45°    |
| 160°   | 521.6 | 520.2 | 520.2 | 520.2 | 521.2 | 522.2 | 522.2 | 522.2 | 522.2 | 519.2 | 519.2 | 47.5°  |
| 162.5° | 529.0 | 528.0 | 529.0 | 530.0 | 531.0 | 532.0 | 531.4 | 531.0 | 531.0 | 528.0 | 529.0 | 50°    |
| 165°   | 538.8 | 537.8 | 538.8 | 539.8 | 541.3 | 542.8 | 542.3 | 541.8 | 541.8 | 537.8 | 538.8 | 52.5°  |
| 167.5° | 550.6 | 548.7 | 548.1 | 547.7 | 548.7 | 549.7 | 549.7 | 549.7 | 550.6 | 547.7 | 548.7 | 55°    |
| 170°   | 557.9 | 555.5 | 554.5 | 553.5 | 554.1 | 554.5 | 555.1 | 555.5 | 556.5 | 554.5 | 555.5 | 57.5°  |
| 172.5° | 558.9 | 557.5 | 556.9 | 556.5 | 557.5 | 558.5 | 557.9 | 557.5 | 558.5 | 556.5 | 558.5 | 60°    |
| 175°   | 558.9 | 557.5 | 558.5 | 559.5 | 560.9 | 562.4 | 561.9 | 561.4 | 561.4 | 558.5 | 559.5 | 62.5°  |
| 177.5° | 564.9 | 563.3 | 563.3 | 563.3 | 564.9 | 566.3 | 566.3 | 566.3 | 567.3 | 563.3 | 564.3 | 65°    |
| 180°   | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 67.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 70°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 72.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 75°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 77.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 80°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 82.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 85°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 87.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 90°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 92.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 95°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 97.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 100°   |
|        |       |       |       |       |       |       |       |       |       |       |       | 102.5° |
|        |       |       |       |       |       |       |       |       |       |       |       | 105°   |
|        |       |       |       |       |       |       |       |       |       |       |       | 107.5° |
|        |       |       |       |       |       |       |       |       |       |       |       | 110°   |

NUMBER: P271605  
 NUMBER: ISS-AF-1000-LED-E1-SLL-7027-ULG

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

| 175°   | 180°   | 185°   | 195°   | 205°   | 215°   | 225°   | 230°   | 232.5° | 235°   | 237.5° | 175°   | 175°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 112.5° | 121.7 |
| 1031.8 | 1006.9 | 1008.5 | 1003.6 | 990.3  | 968.7  | 962.2  | 950.5  | 952.1  | 958.9  | 952.1  | 115°   | 144.3 |
| 842.7  | 812.9  | 816.1  | 814.5  | 801.2  | 786.3  | 774.7  | 759.8  | 754.8  | 759.8  | 751.4  | 117.5° | 166.8 |
| 597.1  | 577.3  | 583.9  | 598.8  | 597.1  | 588.9  | 579.0  | 562.4  | 559.0  | 560.7  | 545.8  | 120°   | 191.4 |
| 456.2  | 436.3  | 431.3  | 429.6  | 426.3  | 421.3  | 408.1  | 394.9  | 389.9  | 391.5  | 381.5  | 122.5° | 216.0 |
| 381.5  | 364.9  | 344.9  | 326.8  | 310.3  | 303.5  | 287.0  | 278.7  | 277.0  | 277.0  | 272.1  | 125°   | 241.5 |
| 301.9  | 288.6  | 277.0  | 258.8  | 245.5  | 235.5  | 223.9  | 217.3  | 215.6  | 217.3  | 217.3  | 127.5° | 264.0 |
| 225.7  | 219.0  | 214.0  | 212.3  | 205.7  | 199.1  | 192.5  | 189.1  | 187.5  | 187.5  | 189.1  | 130°   | 286.6 |
| 172.6  | 170.9  | 170.9  | 170.9  | 179.1  | 185.8  | 187.5  | 182.4  | 180.8  | 179.1  | 177.4  | 132.5° | 308.2 |
| 149.3  | 147.6  | 149.3  | 159.3  | 154.3  | 149.3  | 149.3  | 149.3  | 149.3  | 149.3  | 149.3  | 135°   | 330.8 |
| 137.7  | 139.3  | 141.0  | 136.0  | 131.1  | 127.6  | 126.0  | 126.0  | 124.4  | 124.4  | 126.0  | 137.5° | 353.3 |
| 131.1  | 129.4  | 127.6  | 124.4  | 121.1  | 116.2  | 114.4  | 112.7  | 112.7  | 112.7  | 112.7  | 140°   | 375.9 |
| 122.8  | 121.1  | 119.5  | 116.2  | 111.1  | 104.6  | 102.9  | 102.9  | 101.1  | 102.9  | 102.9  | 142.5° | 398.5 |
| 112.7  | 111.1  | 109.4  | 106.2  | 101.1  | 97.8   | 96.2   | 92.9   | 92.9   | 92.9   | 94.5   | 145°   | 418.1 |
| 91.3   | 89.7   | 89.7   | 91.3   | 91.3   | 89.7   | 89.7   | 86.2   | 86.2   | 86.2   | 86.2   | 147.5° | 435.8 |
| 84.6   | 82.9   | 82.9   | 81.3   | 82.9   | 84.6   | 82.9   | 81.3   | 81.3   | 79.6   | 79.6   | 150°   | 453.5 |
| 79.6   | 79.6   | 78.0   | 76.3   | 76.3   | 79.6   | 78.0   | 76.3   | 74.6   | 74.6   | 74.6   | 152.5° | 471.1 |
| 76.3   | 74.6   | 74.6   | 73.0   | 73.0   | 73.0   | 71.3   | 69.7   | 68.0   | 68.0   | 68.0   | 155°   | 490.7 |
| 73.0   | 73.0   | 71.3   | 69.7   | 68.0   | 68.0   | 64.7   | 63.0   | 63.0   | 63.0   | 64.7   | 157.5° | 505.5 |
| 71.3   | 69.7   | 69.7   | 68.0   | 66.4   | 63.0   | 61.4   | 59.6   | 59.6   | 59.6   | 59.6   | 160°   | 517.2 |
| 69.7   | 68.0   | 66.4   | 66.4   | 63.0   | 61.4   | 59.6   | 58.1   | 58.1   | 58.1   | 58.1   | 162.5° | 526.0 |
| 68.0   | 66.4   | 64.7   | 63.0   | 61.4   | 59.6   | 58.1   | 56.4   | 56.4   | 56.4   | 56.4   | 165°   | 536.8 |
| 64.7   | 63.0   | 63.0   | 61.4   | 61.4   | 59.6   | 58.1   | 56.4   | 56.4   | 56.4   | 54.8   | 167.5° | 545.7 |
| 63.0   | 61.4   | 59.6   | 59.6   | 59.6   | 58.1   | 56.4   | 54.8   | 54.8   | 54.8   | 54.8   | 170°   | 552.5 |
| 61.4   | 59.6   | 59.6   | 58.1   | 58.1   | 56.4   | 56.4   | 54.8   | 53.1   | 53.1   | 51.5   | 172.5° | 555.5 |
| 59.6   | 58.1   | 58.1   | 56.4   | 58.1   | 56.4   | 54.8   | 53.1   | 51.5   | 51.5   | 49.8   | 175°   | 558.5 |
| 58.1   | 56.4   | 56.4   | 56.4   | 54.8   | 54.8   | 53.1   | 49.8   | 49.8   | 49.8   | 48.1   | 177.5° | 562.4 |
| 54.8   | 53.1   | 53.1   | 54.8   | 53.1   | 51.5   | 51.5   | 48.1   | 48.1   | 46.4   | 46.4   | 180°   | 565.3 |
| 49.8   | 49.8   | 49.8   | 51.5   | 49.8   | 48.1   | 48.1   | 46.4   | 44.7   | 43.1   | 43.1   |        |       |
| 46.4   | 44.7   | 46.4   | 46.4   | 46.4   | 44.7   | 46.4   | 43.1   | 41.5   | 39.9   | 39.9   |        |       |
| 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 38.2   | 36.5   | 34.9   |        |       |
| 31.5   | 33.1   | 33.1   | 33.1   | 33.1   | 34.9   | 33.1   | 33.1   | 33.1   | 31.5   | 29.8   |        |       |
| 23.3   | 23.3   | 25.0   | 26.5   | 25.0   | 26.5   | 25.0   | 26.5   | 25.0   | 25.0   | 25.0   |        |       |
| 13.3   | 13.3   | 14.9   | 16.6   | 16.6   | 18.2   | 14.9   | 16.6   | 16.6   | 18.2   | 16.6   |        |       |
| 5.0    | 5.0    | 5.0    | 5.0    | 6.6    | 6.6    | 5.0    | 6.6    | 6.6    | 8.4    | 8.4    |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |
| 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |        |       |
| 2.0    | 2.0    | 2.0    | 2.0    | 3.0    | 4.0    | 8.8    | 10.8   | 11.8   | 12.8   | 11.3   |        |       |
| 7.8    | 7.8    | 7.8    | 9.8    | 13.7   | 21.6   | 29.5   | 30.5   | 30.9   | 31.4   | 30.9   |        |       |
| 27.5   | 27.5   | 27.5   | 31.4   | 37.3   | 44.2   | 49.0   | 49.6   | 49.9   | 50.0   | 49.9   |        |       |
| 53.0   | 53.0   | 53.0   | 55.0   | 59.8   | 64.8   | 68.7   | 69.2   | 69.5   | 69.7   | 69.7   |        |       |
| 75.5   | 76.5   | 75.5   | 78.5   | 82.5   | 86.3   | 89.3   | 90.3   | 90.8   | 91.3   | 91.1   |        |       |
| 100.1  | 99.2   | 100.1  | 101.1  | 104.0  | 108.0  | 110.0  | 110.9  | 111.4  | 111.9  | 111.9  |        |       |

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REPORT NUMBER: P271605  
 CATALOG NUMBER: ISS-AF-10

**TION (continued):**

**CANDELA DISTRIBUTION (con**

| 180°  | 185°  | 195°  | 205°  | 215°  | 225°  | 230°  | 232.5° | 235°  | 237.5° |        | 240°   | 242.5° |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|--------|
| 121.7 | 121.7 | 123.7 | 126.6 | 129.5 | 131.5 | 132.5 | 132.9  | 133.5 | 133.5  | 0°     | 1159.5 | 1159.5 |
| 143.3 | 144.3 | 146.2 | 148.2 | 151.2 | 153.1 | 154.1 | 154.6  | 155.0 | 155.0  | 2.5°   | 965.5  | 965.5  |
| 165.8 | 166.8 | 168.8 | 170.8 | 173.7 | 175.7 | 176.2 | 176.4  | 176.7 | 176.9  | 5°     | 758.1  | 756.5  |
| 189.5 | 191.4 | 192.3 | 194.3 | 197.3 | 198.3 | 199.2 | 199.7  | 200.2 | 200.2  | 7.5°   | 550.8  | 545.8  |
| 215.0 | 216.0 | 216.9 | 218.8 | 221.8 | 222.8 | 223.3 | 223.6  | 223.8 | 223.8  | 10°    | 384.8  | 371.6  |
| 239.5 | 241.5 | 242.5 | 243.4 | 246.3 | 247.3 | 247.8 | 248.1  | 248.3 | 248.5  | 12.5°  | 278.7  | 273.7  |
| 262.0 | 264.0 | 265.0 | 267.0 | 269.0 | 270.9 | 271.8 | 272.4  | 272.8 | 272.6  | 15°    | 220.6  | 220.6  |
| 284.7 | 286.6 | 287.5 | 288.5 | 292.5 | 293.5 | 294.5 | 294.9  | 295.5 | 295.5  | 17.5°  | 190.8  | 190.8  |
| 307.2 | 308.2 | 311.2 | 312.1 | 315.0 | 316.0 | 317.6 | 318.2  | 319.0 | 319.0  | 20°    | 175.9  | 174.2  |
| 329.8 | 330.8 | 332.7 | 334.7 | 338.6 | 338.6 | 340.1 | 340.7  | 341.5 | 341.5  | 22.5°  | 150.9  | 149.3  |
| 352.3 | 353.3 | 356.3 | 357.3 | 360.2 | 360.2 | 361.2 | 361.7  | 362.2 | 362.2  | 25°    | 124.4  | 124.4  |
| 375.0 | 375.9 | 377.8 | 378.8 | 380.8 | 381.8 | 382.3 | 382.6  | 382.8 | 382.8  | 27.5°  | 112.7  | 112.7  |
| 396.5 | 398.5 | 400.5 | 399.5 | 402.4 | 402.4 | 403.4 | 403.9  | 404.3 | 404.3  | 30°    | 102.9  | 104.6  |
| 417.2 | 418.1 | 420.0 | 420.0 | 423.0 | 424.0 | 425.0 | 425.4  | 426.0 | 425.8  | 32.5°  | 94.5   | 94.5   |
| 435.8 | 435.8 | 438.7 | 439.7 | 443.7 | 444.6 | 445.1 | 445.4  | 445.6 | 445.1  | 35°    | 84.6   | 84.6   |
| 452.5 | 453.5 | 455.4 | 456.4 | 460.3 | 461.3 | 461.8 | 462.1  | 462.3 | 461.8  | 37.5°  | 78.0   | 76.3   |
| 470.2 | 471.1 | 474.0 | 473.0 | 476.0 | 477.0 | 477.4 | 477.8  | 478.0 | 477.8  | 40°    | 71.3   | 71.3   |
| 489.8 | 490.7 | 492.7 | 491.7 | 493.7 | 493.7 | 494.2 | 494.4  | 494.7 | 494.4  | 42.5°  | 66.4   | 66.4   |
| 503.5 | 505.5 | 507.5 | 506.5 | 509.4 | 509.4 | 509.4 | 509.4  | 509.4 | 508.9  | 45°    | 63.0   | 63.0   |
| 515.3 | 517.2 | 519.2 | 519.2 | 522.2 | 522.2 | 522.2 | 522.2  | 522.2 | 521.6  | 47.5°  | 61.4   | 61.4   |
| 525.1 | 526.0 | 529.0 | 528.0 | 531.0 | 531.0 | 531.4 | 531.8  | 532.0 | 531.4  | 50°    | 58.1   | 58.1   |
| 535.9 | 536.8 | 538.8 | 537.8 | 541.8 | 541.8 | 542.3 | 542.6  | 542.8 | 541.9  | 52.5°  | 56.4   | 56.4   |
| 544.7 | 545.7 | 548.7 | 547.7 | 550.6 | 549.7 | 549.7 | 549.7  | 549.7 | 549.1  | 55°    | 54.8   | 56.4   |
| 551.6 | 552.5 | 555.5 | 554.5 | 556.5 | 555.5 | 555.1 | 554.7  | 554.5 | 554.3  | 57.5°  | 53.1   | 53.1   |
| 554.5 | 555.5 | 558.5 | 556.5 | 558.5 | 557.5 | 557.9 | 558.3  | 558.5 | 557.9  | 60°    | 51.5   | 51.5   |
| 556.5 | 558.5 | 559.5 | 558.5 | 561.4 | 561.4 | 561.9 | 562.2  | 562.4 | 561.6  | 62.5°  | 49.8   | 49.8   |
| 561.4 | 562.4 | 564.3 | 563.3 | 567.3 | 566.3 | 566.3 | 566.3  | 566.3 | 565.6  | 65°    | 48.1   | 48.1   |
| 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3 | 565.3  | 565.3 | 565.3  | 67.5°  | 44.7   | 44.7   |
|       |       |       |       |       |       |       |        |       |        | 70°    | 41.5   | 41.5   |
|       |       |       |       |       |       |       |        |       |        | 72.5°  | 38.2   | 38.2   |
|       |       |       |       |       |       |       |        |       |        | 75°    | 34.9   | 33.1   |
|       |       |       |       |       |       |       |        |       |        | 77.5°  | 29.8   | 28.2   |
|       |       |       |       |       |       |       |        |       |        | 80°    | 25.0   | 23.3   |
|       |       |       |       |       |       |       |        |       |        | 82.5°  | 18.2   | 16.6   |
|       |       |       |       |       |       |       |        |       |        | 85°    | 8.4    | 8.4    |
|       |       |       |       |       |       |       |        |       |        | 87.5°  | 0.0    | 0.0    |
|       |       |       |       |       |       |       |        |       |        | 90°    | 0.0    | 0.0    |
|       |       |       |       |       |       |       |        |       |        | 92.5°  | 0.0    | 0.0    |
|       |       |       |       |       |       |       |        |       |        | 95°    | 1.0    | 1.0    |
|       |       |       |       |       |       |       |        |       |        | 97.5°  | 9.8    | 8.4    |
|       |       |       |       |       |       |       |        |       |        | 100°   | 30.5   | 29.9   |
|       |       |       |       |       |       |       |        |       |        | 102.5° | 49.6   | 49.2   |
|       |       |       |       |       |       |       |        |       |        | 105°   | 69.7   | 69.7   |
|       |       |       |       |       |       |       |        |       |        | 107.5° | 90.8   | 90.5   |
|       |       |       |       |       |       |       |        |       |        | 110°   | 111.9  | 111.9  |



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00-LED-E1-SLL-7027-ULG

**tinued):**

**CANDELA DISTRIBUTION (continued):**

| 245°   | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 265°   | 270°   |        | 240°  | 242.5° | 245°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|
| 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 112.5° | 133.5 | 133.5  | 133.5 |
| 945.6  | 948.9  | 952.1  | 958.9  | 955.4  | 953.8  | 952.1  | 962.2  | 967.0  | 115°   | 155.0 | 155.0  | 155.0 |
| 731.5  | 730.0  | 734.8  | 736.5  | 731.5  | 723.2  | 718.3  | 719.9  | 724.9  | 117.5° | 177.1 | 177.4  | 177.7 |
| 522.5  | 519.2  | 517.5  | 519.2  | 514.2  | 505.9  | 499.3  | 501.0  | 505.9  | 120°   | 200.2 | 200.2  | 200.2 |
| 368.2  | 369.9  | 373.2  | 376.6  | 376.6  | 376.6  | 378.2  | 388.2  | 399.7  | 122.5° | 223.8 | 223.8  | 223.8 |
| 277.0  | 280.3  | 287.0  | 291.9  | 296.9  | 298.6  | 300.2  | 313.5  | 323.5  | 125°   | 248.8 | 249.1  | 249.3 |
| 223.9  | 225.7  | 228.9  | 232.2  | 235.5  | 235.5  | 237.2  | 242.3  | 250.4  | 127.5° | 272.4 | 272.1  | 271.8 |
| 190.8  | 190.8  | 190.8  | 189.1  | 187.5  | 184.2  | 182.4  | 180.8  | 182.4  | 130°   | 295.5 | 295.5  | 295.5 |
| 170.9  | 169.2  | 165.8  | 162.5  | 160.9  | 155.9  | 154.3  | 149.3  | 147.6  | 132.5° | 319.0 | 319.0  | 319.0 |
| 149.3  | 149.3  | 149.3  | 147.6  | 146.0  | 144.3  | 141.0  | 136.0  | 132.7  | 135°   | 341.5 | 341.5  | 341.5 |
| 124.4  | 126.0  | 126.0  | 127.6  | 131.1  | 131.1  | 131.1  | 131.1  | 126.0  | 137.5° | 362.2 | 362.2  | 362.2 |
| 112.7  | 112.7  | 114.4  | 114.4  | 116.2  | 116.2  | 116.2  | 117.8  | 119.5  | 140°   | 382.8 | 382.8  | 382.8 |
| 104.6  | 106.2  | 106.2  | 107.9  | 107.9  | 109.4  | 109.4  | 111.1  | 111.1  | 142.5° | 404.3 | 404.3  | 404.3 |
| 96.2   | 97.8   | 97.8   | 97.8   | 101.1  | 101.1  | 99.5   | 101.1  | 101.1  | 145°   | 425.4 | 425.2  | 425.0 |
| 84.6   | 84.6   | 84.6   | 84.6   | 84.6   | 84.6   | 81.3   | 79.6   | 81.3   | 147.5° | 444.6 | 444.1  | 443.7 |
| 76.3   | 74.6   | 73.0   | 73.0   | 73.0   | 74.6   | 73.0   | 74.6   | 74.6   | 150°   | 461.3 | 460.8  | 460.3 |
| 69.7   | 69.7   | 69.7   | 69.7   | 69.7   | 69.7   | 69.7   | 71.3   | 73.0   | 152.5° | 477.4 | 477.2  | 477.0 |
| 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 66.4   | 68.0   | 68.0   | 155°   | 494.2 | 493.9  | 493.7 |
| 63.0   | 63.0   | 64.7   | 64.7   | 64.7   | 64.7   | 64.7   | 64.7   | 66.4   | 157.5° | 508.4 | 507.9  | 507.5 |
| 61.4   | 61.4   | 61.4   | 61.4   | 61.4   | 61.4   | 61.4   | 63.0   | 64.7   | 160°   | 521.2 | 520.7  | 520.2 |
| 59.6   | 59.6   | 59.6   | 59.6   | 59.6   | 59.6   | 59.6   | 61.4   | 63.0   | 162.5° | 531.0 | 530.4  | 530.0 |
| 56.4   | 58.1   | 58.1   | 58.1   | 58.1   | 58.1   | 58.1   | 58.1   | 59.6   | 165°   | 541.3 | 540.6  | 539.8 |
| 56.4   | 56.4   | 56.4   | 56.4   | 54.8   | 54.8   | 54.8   | 54.8   | 56.4   | 167.5° | 548.7 | 548.1  | 547.7 |
| 54.8   | 54.8   | 54.8   | 53.1   | 53.1   | 51.5   | 51.5   | 51.5   | 54.8   | 170°   | 554.1 | 553.7  | 553.5 |
| 51.5   | 51.5   | 51.5   | 49.8   | 49.8   | 49.8   | 49.8   | 51.5   | 51.5   | 172.5° | 557.5 | 556.9  | 556.5 |
| 48.1   | 48.1   | 48.1   | 48.1   | 48.1   | 48.1   | 48.1   | 48.1   | 48.1   | 175°   | 560.9 | 560.3  | 559.5 |
| 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 177.5° | 564.9 | 564.1  | 563.3 |
| 44.7   | 43.1   | 43.1   | 43.1   | 43.1   | 44.7   | 43.1   | 43.1   | 43.1   | 180°   | 565.3 | 565.3  | 565.3 |
| 41.5   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   | 39.9   |        |       |        |       |
| 38.2   | 38.2   | 36.5   | 36.5   | 36.5   | 36.5   | 36.5   | 36.5   | 36.5   |        |       |        |       |
| 33.1   | 31.5   | 31.5   | 31.5   | 31.5   | 31.5   | 31.5   | 31.5   | 31.5   |        |       |        |       |
| 28.2   | 28.2   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   |        |       |        |       |
| 23.3   | 21.6   | 21.6   | 21.6   | 21.6   | 21.6   | 21.6   | 19.9   | 19.9   |        |       |        |       |
| 16.6   | 16.6   | 16.6   | 14.9   | 14.9   | 14.9   | 14.9   | 13.3   | 11.6   |        |       |        |       |
| 6.6    | 8.4    | 8.4    | 9.9    | 8.4    | 8.4    | 8.4    | 6.6    | 3.3    |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |        |       |
| 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |        |       |        |       |
| 6.8    | 6.4    | 5.9    | 5.4    | 4.9    | 4.7    | 4.4    | 4.0    | 4.0    |        |       |        |       |
| 29.5   | 28.7   | 27.9   | 27.3   | 26.5   | 26.3   | 26.1   | 25.5   | 24.5   |        |       |        |       |
| 49.0   | 48.6   | 48.1   | 47.6   | 47.1   | 47.3   | 47.6   | 48.1   | 47.1   |        |       |        |       |
| 69.7   | 69.2   | 68.7   | 68.2   | 67.7   | 68.2   | 68.7   | 69.7   | 67.7   |        |       |        |       |
| 90.3   | 90.1   | 89.8   | 89.5   | 89.3   | 89.5   | 89.8   | 90.3   | 89.3   |        |       |        |       |
| 111.9  | 111.7  | 111.4  | 111.1  | 110.9  | 111.1  | 111.4  | 111.9  | 110.9  |        |       |        |       |



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-SLL-7027-ULG

**CANDELA DISTRIBUTION (continued):**

| 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 265°  | 270°  |        | 275°   | 280°   | 282.5° | 285°   |
|--------|-------|--------|-------|--------|-------|-------|-------|--------|--------|--------|--------|--------|
| 133.3  | 132.9 | 132.7  | 132.5 | 132.9  | 133.5 | 134.5 | 132.5 | 0°     | 1159.5 | 1159.5 | 1159.5 | 1159.5 |
| 155.0  | 155.0 | 155.0  | 155.0 | 155.6  | 156.0 | 157.0 | 156.0 | 2.5°   | 963.8  | 980.4  | 982.0  | 972.1  |
| 177.4  | 177.1 | 176.9  | 176.7 | 177.1  | 177.7 | 178.7 | 176.7 | 5°     | 718.3  | 739.8  | 738.1  | 724.9  |
| 200.2  | 200.2 | 200.2  | 200.2 | 200.7  | 201.2 | 202.2 | 200.2 | 7.5°   | 507.6  | 525.9  | 524.3  | 522.5  |
| 223.9  | 224.3 | 224.6  | 224.8 | 225.7  | 226.7 | 228.7 | 227.7 | 10°    | 411.4  | 428.0  | 432.9  | 444.6  |
| 249.3  | 249.3 | 249.3  | 249.3 | 250.1  | 250.8 | 252.2 | 251.3 | 12.5°  | 333.5  | 353.3  | 358.3  | 371.6  |
| 272.1  | 272.4 | 272.6  | 272.8 | 273.6  | 274.3 | 275.8 | 272.8 | 15°    | 257.2  | 273.7  | 278.7  | 288.6  |
| 295.6  | 295.9 | 296.2  | 296.4 | 297.2  | 297.9 | 299.3 | 297.4 | 17.5°  | 189.1  | 199.1  | 202.4  | 209.0  |
| 319.2  | 319.4 | 319.8  | 320.0 | 320.8  | 321.4 | 322.9 | 321.0 | 20°    | 147.6  | 150.9  | 152.6  | 154.3  |
| 341.7  | 342.1 | 342.3  | 342.5 | 343.1  | 343.5 | 344.5 | 343.5 | 22.5°  | 132.7  | 134.4  | 134.4  | 136.0  |
| 362.4  | 362.6 | 362.9  | 363.2 | 364.2  | 365.1 | 367.0 | 365.1 | 25°    | 122.8  | 124.4  | 124.4  | 126.0  |
| 383.3  | 383.8 | 384.3  | 384.7 | 385.7  | 386.7 | 388.7 | 386.7 | 27.5°  | 117.8  | 117.8  | 117.8  | 117.8  |
| 404.6  | 404.9 | 405.1  | 405.3 | 406.1  | 406.8 | 408.3 | 407.3 | 30°    | 112.7  | 112.7  | 112.7  | 114.4  |
| 425.2  | 425.4 | 425.8  | 426.0 | 426.8  | 427.4 | 428.9 | 427.0 | 32.5°  | 104.6  | 101.1  | 104.6  | 102.9  |
| 443.9  | 444.1 | 444.4  | 444.6 | 445.4  | 446.1 | 447.5 | 444.6 | 35°    | 81.3   | 81.3   | 82.9   | 84.6   |
| 460.3  | 460.3 | 460.3  | 460.3 | 461.3  | 462.3 | 464.2 | 461.3 | 37.5°  | 76.3   | 78.0   | 78.0   | 79.6   |
| 477.0  | 477.0 | 477.0  | 477.0 | 477.8  | 478.4 | 480.0 | 477.0 | 40°    | 73.0   | 74.6   | 76.3   | 78.0   |
| 493.9  | 494.2 | 494.4  | 494.7 | 495.4  | 496.1 | 497.6 | 495.7 | 42.5°  | 69.7   | 73.0   | 73.0   | 74.6   |
| 507.6  | 507.9 | 508.2  | 508.4 | 509.6  | 510.9 | 513.3 | 510.3 | 45°    | 68.0   | 69.7   | 71.3   | 73.0   |
| 520.2  | 520.2 | 520.2  | 520.2 | 520.9  | 521.6 | 523.2 | 521.2 | 47.5°  | 66.4   | 68.0   | 69.7   | 71.3   |
| 529.6  | 529.0 | 528.6  | 528.0 | 528.6  | 529.0 | 530.0 | 527.0 | 50°    | 63.0   | 66.4   | 68.0   | 69.7   |
| 539.3  | 538.8 | 538.4  | 537.8 | 538.4  | 538.8 | 539.8 | 537.8 | 52.5°  | 61.4   | 64.7   | 64.7   | 68.0   |
| 547.9  | 548.1 | 548.4  | 548.7 | 549.7  | 550.6 | 552.5 | 550.6 | 55°    | 58.1   | 61.4   | 61.4   | 64.7   |
| 554.1  | 554.5 | 555.1  | 555.5 | 556.7  | 557.9 | 560.5 | 558.5 | 57.5°  | 54.8   | 58.1   | 59.6   | 61.4   |
| 556.7  | 556.9 | 557.3  | 557.5 | 558.3  | 558.9 | 560.5 | 557.5 | 60°    | 53.1   | 54.8   | 56.4   | 58.1   |
| 558.9  | 558.5 | 557.9  | 557.5 | 558.3  | 558.9 | 560.5 | 557.5 | 62.5°  | 49.8   | 53.1   | 54.8   | 56.4   |
| 563.3  | 563.3 | 563.3  | 563.3 | 564.1  | 564.9 | 566.3 | 563.3 | 65°    | 48.1   | 51.5   | 51.5   | 54.8   |
| 565.3  | 565.3 | 565.3  | 565.3 | 565.3  | 565.3 | 565.3 | 565.3 | 67.5°  | 44.7   | 48.1   | 48.1   | 49.8   |
|        |       |        |       |        |       |       |       | 70°    | 41.5   | 43.1   | 44.7   | 46.4   |
|        |       |        |       |        |       |       |       | 72.5°  | 38.2   | 39.9   | 39.9   | 41.5   |
|        |       |        |       |        |       |       |       | 75°    | 31.5   | 33.1   | 34.9   | 36.5   |
|        |       |        |       |        |       |       |       | 77.5°  | 26.5   | 26.5   | 29.8   | 29.8   |
|        |       |        |       |        |       |       |       | 80°    | 19.9   | 19.9   | 21.6   | 23.3   |
|        |       |        |       |        |       |       |       | 82.5°  | 11.6   | 11.6   | 13.3   | 13.3   |
|        |       |        |       |        |       |       |       | 85°    | 3.3    | 3.3    | 3.3    | 3.3    |
|        |       |        |       |        |       |       |       | 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    |
|        |       |        |       |        |       |       |       | 90°    | 0.0    | 0.0    | 0.0    | 0.0    |
|        |       |        |       |        |       |       |       | 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    |
|        |       |        |       |        |       |       |       | 95°    | 1.0    | 1.0    | 1.0    | 1.0    |
|        |       |        |       |        |       |       |       | 97.5°  | 4.0    | 4.4    | 4.7    | 4.9    |
|        |       |        |       |        |       |       |       | 100°   | 25.5   | 26.1   | 26.3   | 26.5   |
|        |       |        |       |        |       |       |       | 102.5° | 48.1   | 47.6   | 47.3   | 47.1   |
|        |       |        |       |        |       |       |       | 105°   | 69.7   | 68.7   | 68.2   | 67.7   |
|        |       |        |       |        |       |       |       | 107.5° | 90.3   | 89.8   | 89.5   | 89.3   |
|        |       |        |       |        |       |       |       | 110°   | 111.9  | 111.4  | 111.1  | 110.9  |





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ULG

**CANDELA DISTRIBUTION (continued):**

| 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   | 302.5° |        | 275°  | 280°  | 282.5° | 285°  | 287.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|-------|--------|
| 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 112.5° | 134.5 | 133.5 | 132.9  | 132.5 | 132.7  |
| 992.0  | 995.3  | 990.3  | 990.3  | 993.6  | 1006.9 | 1006.9 | 115°   | 157.0 | 156.0 | 155.6  | 155.0 | 155.0  |
| 751.4  | 759.8  | 754.8  | 756.5  | 763.1  | 778.0  | 786.3  | 117.5° | 178.7 | 177.7 | 177.1  | 176.7 | 176.9  |
| 539.2  | 545.8  | 549.0  | 554.1  | 573.9  | 575.6  | 585.5  | 120°   | 202.2 | 201.2 | 200.7  | 200.2 | 200.2  |
| 449.5  | 459.6  | 466.1  | 474.5  | 491.0  | 499.3  | 511.0  | 122.5° | 228.7 | 226.7 | 225.7  | 224.8 | 224.6  |
| 378.2  | 389.9  | 396.4  | 413.0  | 423.0  | 432.9  | 447.9  | 125°   | 252.2 | 250.8 | 250.1  | 249.3 | 249.3  |
| 295.3  | 308.6  | 315.1  | 325.2  | 344.9  | 355.0  | 375.0  | 127.5° | 275.8 | 274.3 | 273.6  | 272.8 | 272.6  |
| 214.0  | 219.0  | 232.2  | 248.8  | 260.5  | 277.0  | 287.0  | 130°   | 299.3 | 297.9 | 297.2  | 296.4 | 296.2  |
| 157.7  | 160.9  | 167.5  | 179.1  | 185.8  | 199.1  | 209.0  | 132.5° | 322.9 | 321.4 | 320.8  | 320.0 | 319.8  |
| 136.0  | 137.7  | 141.0  | 144.3  | 147.6  | 152.6  | 157.7  | 135°   | 344.5 | 343.5 | 343.1  | 342.5 | 342.3  |
| 126.0  | 127.6  | 129.4  | 131.1  | 134.4  | 136.0  | 137.7  | 137.5° | 367.0 | 365.1 | 364.2  | 363.2 | 362.9  |
| 119.5  | 119.5  | 121.1  | 124.4  | 124.4  | 127.6  | 129.4  | 140°   | 388.7 | 386.7 | 385.7  | 384.7 | 384.3  |
| 116.2  | 119.5  | 122.8  | 127.6  | 129.4  | 132.7  | 134.4  | 142.5° | 408.3 | 406.8 | 406.1  | 405.3 | 405.1  |
| 99.5   | 99.5   | 101.1  | 104.6  | 104.6  | 106.2  | 107.9  | 145°   | 428.9 | 427.4 | 426.8  | 426.0 | 425.8  |
| 84.6   | 86.2   | 87.9   | 89.7   | 91.3   | 94.5   | 96.2   | 147.5° | 447.5 | 446.1 | 445.4  | 444.6 | 444.4  |
| 81.3   | 81.3   | 82.9   | 86.2   | 87.9   | 89.7   | 91.3   | 150°   | 464.2 | 462.3 | 461.3  | 460.3 | 460.3  |
| 78.0   | 79.6   | 81.3   | 82.9   | 84.6   | 87.9   | 89.7   | 152.5° | 480.0 | 478.4 | 477.8  | 477.0 | 477.0  |
| 76.3   | 78.0   | 79.6   | 81.3   | 84.6   | 86.2   | 87.9   | 155°   | 497.6 | 496.1 | 495.4  | 494.7 | 494.4  |
| 74.6   | 76.3   | 78.0   | 81.3   | 82.9   | 86.2   | 87.9   | 157.5° | 513.3 | 510.9 | 509.6  | 508.4 | 508.2  |
| 73.0   | 74.6   | 76.3   | 79.6   | 82.9   | 86.2   | 89.7   | 160°   | 523.2 | 521.6 | 520.9  | 520.2 | 520.2  |
| 71.3   | 73.0   | 76.3   | 79.6   | 82.9   | 87.9   | 96.2   | 162.5° | 530.0 | 529.0 | 528.6  | 528.0 | 528.6  |
| 69.7   | 73.0   | 76.3   | 79.6   | 84.6   | 91.3   | 99.5   | 165°   | 539.8 | 538.8 | 538.4  | 537.8 | 538.4  |
| 68.0   | 71.3   | 73.0   | 78.0   | 82.9   | 89.7   | 91.3   | 167.5° | 552.5 | 550.6 | 549.7  | 548.7 | 548.4  |
| 64.7   | 68.0   | 69.7   | 74.6   | 81.3   | 82.9   | 81.3   | 170°   | 560.5 | 557.9 | 556.7  | 555.5 | 555.1  |
| 61.4   | 63.0   | 68.0   | 78.0   | 84.6   | 78.0   | 69.7   | 172.5° | 560.5 | 558.9 | 558.3  | 557.5 | 557.3  |
| 59.6   | 61.4   | 64.7   | 71.3   | 73.0   | 64.7   | 63.0   | 175°   | 560.5 | 558.9 | 558.3  | 557.5 | 557.9  |
| 56.4   | 56.4   | 58.1   | 58.1   | 58.1   | 58.1   | 58.1   | 177.5° | 566.3 | 564.9 | 564.1  | 563.3 | 563.3  |
| 51.5   | 51.5   | 53.1   | 53.1   | 53.1   | 53.1   | 53.1   | 180°   | 565.3 | 565.3 | 565.3  | 565.3 | 565.3  |
| 46.4   | 46.4   | 48.1   | 48.1   | 48.1   | 49.8   | 49.8   |        |       |       |        |       |        |
| 41.5   | 43.1   | 43.1   | 44.7   | 44.7   | 44.7   | 46.4   |        |       |       |        |       |        |
| 36.5   | 38.2   | 38.2   | 38.2   | 38.2   | 39.9   | 39.9   |        |       |       |        |       |        |
| 31.5   | 31.5   | 33.1   | 33.1   | 33.1   | 33.1   | 33.1   |        |       |       |        |       |        |
| 25.0   | 25.0   | 25.0   | 25.0   | 25.0   | 25.0   | 25.0   |        |       |       |        |       |        |
| 14.9   | 14.9   | 16.6   | 14.9   | 14.9   | 13.3   | 13.3   |        |       |       |        |       |        |
| 3.3    | 3.3    | 3.3    | 1.7    | 1.7    | 0.0    | 0.0    |        |       |       |        |       |        |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |       |        |       |        |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |       |        |       |        |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |       |        |       |        |
| 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |        |       |       |        |       |        |
| 5.4    | 5.9    | 6.4    | 6.8    | 8.4    | 9.8    | 11.3   |        |       |       |        |       |        |
| 27.3   | 27.9   | 28.7   | 29.5   | 29.9   | 30.5   | 30.9   |        |       |       |        |       |        |
| 47.6   | 48.1   | 48.6   | 49.0   | 49.2   | 49.6   | 49.9   |        |       |       |        |       |        |
| 68.2   | 68.7   | 69.2   | 69.7   | 69.7   | 69.7   | 69.7   |        |       |       |        |       |        |
| 89.5   | 89.8   | 90.1   | 90.3   | 90.5   | 90.8   | 91.1   |        |       |       |        |       |        |
| 111.1  | 111.4  | 111.7  | 111.9  | 111.9  | 111.9  | 111.9  |        |       |       |        |       |        |



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**CANDELA DISTRIBUTION (continued):**

| 290°  | 292.5° | 295°  | 297.5° | 300°  | 302.5° |        | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° |
|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 132.9 | 133.3  | 133.5 | 133.5  | 133.5 | 133.5  | 0°     | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 |
| 155.0 | 155.0  | 155.0 | 155.0  | 155.0 | 155.0  | 2.5°   | 1031.8 | 1031.8 | 1035.0 | 1048.4 | 1051.6 | 1060.0 |
| 177.1 | 177.4  | 177.7 | 177.4  | 177.1 | 176.9  | 5°     | 816.1  | 822.8  | 832.7  | 849.3  | 859.3  | 877.6  |
| 200.2 | 200.2  | 200.2 | 200.2  | 200.2 | 200.2  | 7.5°   | 608.8  | 618.8  | 627.1  | 645.3  | 660.3  | 678.5  |
| 224.3 | 223.9  | 223.8 | 223.8  | 223.8 | 223.8  | 10°    | 527.6  | 535.7  | 547.3  | 559.0  | 573.9  | 582.2  |
| 249.3 | 249.3  | 249.3 | 249.1  | 248.8 | 248.5  | 12.5°  | 469.5  | 481.0  | 492.7  | 509.2  | 524.3  | 539.2  |
| 272.4 | 272.1  | 271.8 | 272.1  | 272.4 | 272.6  | 15°    | 398.1  | 411.4  | 424.7  | 443.0  | 464.4  | 479.3  |
| 295.9 | 295.6  | 295.5 | 295.5  | 295.5 | 295.5  | 17.5°  | 308.6  | 323.5  | 341.7  | 366.6  | 389.9  | 408.1  |
| 319.4 | 319.2  | 319.0 | 319.0  | 319.0 | 319.0  | 20°    | 227.2  | 240.6  | 257.2  | 278.7  | 295.3  | 326.8  |
| 342.1 | 341.7  | 341.5 | 341.5  | 341.5 | 341.5  | 22.5°  | 167.5  | 175.9  | 189.1  | 205.7  | 223.9  | 252.2  |
| 362.6 | 362.4  | 362.2 | 362.2  | 362.2 | 362.2  | 25°    | 141.0  | 144.3  | 149.3  | 159.3  | 170.9  | 190.8  |
| 383.8 | 383.3  | 382.8 | 382.8  | 382.8 | 382.8  | 27.5°  | 131.1  | 132.7  | 136.0  | 141.0  | 147.6  | 157.7  |
| 404.9 | 404.6  | 404.3 | 404.3  | 404.3 | 404.3  | 30°    | 137.7  | 137.7  | 137.7  | 139.3  | 142.7  | 147.6  |
| 425.4 | 425.2  | 425.0 | 425.2  | 425.4 | 425.8  | 32.5°  | 111.1  | 112.7  | 112.7  | 116.2  | 117.8  | 124.4  |
| 444.1 | 443.9  | 443.7 | 444.1  | 444.6 | 445.1  | 35°    | 99.5   | 101.1  | 102.9  | 104.6  | 107.9  | 109.4  |
| 460.3 | 460.3  | 460.3 | 460.8  | 461.3 | 461.8  | 37.5°  | 94.5   | 96.2   | 97.8   | 97.8   | 99.5   | 102.9  |
| 477.0 | 477.0  | 477.0 | 477.2  | 477.4 | 477.8  | 40°    | 92.9   | 92.9   | 92.9   | 92.9   | 96.2   | 99.5   |
| 494.2 | 493.9  | 493.7 | 493.9  | 494.2 | 494.4  | 42.5°  | 89.7   | 89.7   | 89.7   | 91.3   | 96.2   | 102.9  |
| 507.9 | 507.6  | 507.5 | 507.9  | 508.4 | 508.9  | 45°    | 89.7   | 89.7   | 91.3   | 97.8   | 99.5   | 99.5   |
| 520.2 | 520.2  | 520.2 | 520.7  | 521.2 | 521.6  | 47.5°  | 92.9   | 96.2   | 97.8   | 96.2   | 94.5   | 94.5   |
| 529.0 | 529.6  | 530.0 | 530.4  | 531.0 | 531.4  | 50°    | 101.1  | 99.5   | 92.9   | 91.3   | 91.3   | 87.9   |
| 538.8 | 539.3  | 539.8 | 540.6  | 541.3 | 541.9  | 52.5°  | 99.5   | 92.9   | 91.3   | 87.9   | 84.6   | 82.9   |
| 548.1 | 547.9  | 547.7 | 548.1  | 548.7 | 549.1  | 55°    | 89.7   | 87.9   | 82.9   | 79.6   | 78.0   | 79.6   |
| 554.5 | 554.1  | 553.5 | 553.7  | 554.1 | 554.3  | 57.5°  | 78.0   | 76.3   | 73.0   | 73.0   | 74.6   | 76.3   |
| 556.9 | 556.7  | 556.5 | 556.9  | 557.5 | 557.9  | 60°    | 68.0   | 68.0   | 68.0   | 69.7   | 71.3   | 73.0   |
| 558.5 | 558.9  | 559.5 | 560.3  | 560.9 | 561.6  | 62.5°  | 61.4   | 63.0   | 63.0   | 66.4   | 68.0   | 69.7   |
| 563.3 | 563.3  | 563.3 | 564.1  | 564.9 | 565.6  | 65°    | 58.1   | 59.6   | 61.4   | 61.4   | 63.0   | 64.7   |
| 565.3 | 565.3  | 565.3 | 565.3  | 565.3 | 565.3  | 67.5°  | 54.8   | 54.8   | 56.4   | 58.1   | 59.6   | 61.4   |
|       |        |       |        |       |        | 70°    | 49.8   | 51.5   | 53.1   | 54.8   | 54.8   | 56.4   |
|       |        |       |        |       |        | 72.5°  | 46.4   | 46.4   | 48.1   | 49.8   | 49.8   | 53.1   |
|       |        |       |        |       |        | 75°    | 39.9   | 41.5   | 41.5   | 41.5   | 43.1   | 46.4   |
|       |        |       |        |       |        | 77.5°  | 34.9   | 33.1   | 34.9   | 34.9   | 36.5   | 38.2   |
|       |        |       |        |       |        | 80°    | 25.0   | 23.3   | 23.3   | 25.0   | 25.0   | 25.0   |
|       |        |       |        |       |        | 82.5°  | 13.3   | 11.6   | 13.3   | 11.6   | 11.6   | 13.3   |
|       |        |       |        |       |        | 85°    | 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    |
|       |        |       |        |       |        | 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|       |        |       |        |       |        | 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|       |        |       |        |       |        | 95°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
|       |        |       |        |       |        | 97.5°  | 12.8   | 11.8   | 10.8   | 9.8    | 8.8    | 7.6    |
|       |        |       |        |       |        | 100°   | 31.4   | 30.9   | 30.5   | 29.9   | 29.5   | 27.5   |
|       |        |       |        |       |        | 102.5° | 50.0   | 49.9   | 49.6   | 49.2   | 49.0   | 47.9   |
|       |        |       |        |       |        | 105°   | 69.7   | 69.5   | 69.2   | 68.9   | 68.7   | 67.7   |
|       |        |       |        |       |        | 107.5° | 91.3   | 90.8   | 90.3   | 89.8   | 89.3   | 88.6   |
|       |        |       |        |       |        | 110°   | 111.9  | 111.4  | 110.9  | 110.4  | 110.0  | 109.4  |

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**CANDELA DISTRIBUTION (continued):**

| 320°   | 322.5° | 325°   | 335°   | 345°   |        | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  |
|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|--------|-------|
| 1159.5 | 1159.5 | 1159.5 | 1159.5 | 1159.5 | 112.5° | 133.5 | 132.9  | 132.5 | 132.1  | 131.5 | 131.1  | 130.5 |
| 1058.3 | 1073.3 | 1079.9 | 1119.6 | 1161.1 | 115°   | 155.0 | 154.6  | 154.1 | 153.6  | 153.1 | 152.6  | 152.2 |
| 874.2  | 904.1  | 909.1  | 982.0  | 1053.4 | 117.5° | 176.7 | 176.4  | 176.2 | 175.9  | 175.7 | 175.2  | 174.7 |
| 683.4  | 718.3  | 728.3  | 824.5  | 924.0  | 120°   | 200.2 | 199.7  | 199.2 | 198.7  | 198.3 | 198.1  | 197.8 |
| 595.6  | 612.1  | 623.7  | 695.1  | 809.6  | 122.5° | 223.8 | 223.6  | 223.3 | 223.0  | 222.8 | 222.6  | 222.3 |
| 552.4  | 569.0  | 583.9  | 642.0  | 731.5  | 125°   | 248.3 | 248.1  | 247.8 | 247.6  | 247.3 | 247.1  | 246.9 |
| 494.3  | 512.7  | 530.8  | 602.1  | 706.7  | 127.5° | 272.8 | 272.4  | 271.8 | 271.4  | 270.9 | 270.4  | 269.9 |
| 423.0  | 447.9  | 471.1  | 557.4  | 695.1  | 130°   | 295.5 | 294.9  | 294.5 | 293.9  | 293.5 | 293.3  | 292.9 |
| 343.4  | 373.2  | 401.5  | 509.2  | 678.5  | 132.5° | 319.0 | 318.2  | 317.6 | 316.8  | 316.0 | 315.8  | 315.6 |
| 270.4  | 296.9  | 328.4  | 464.4  | 678.5  | 135°   | 341.5 | 340.7  | 340.1 | 339.4  | 338.6 | 338.6  | 338.6 |
| 209.0  | 235.5  | 267.1  | 424.7  | 696.7  | 137.5° | 362.2 | 361.7  | 361.2 | 360.7  | 360.2 | 360.2  | 360.2 |
| 170.9  | 192.5  | 223.9  | 393.2  | 723.2  | 140°   | 382.8 | 382.6  | 382.3 | 382.0  | 381.8 | 381.6  | 381.3 |
| 154.3  | 167.5  | 187.5  | 346.7  | 741.6  | 142.5° | 404.3 | 403.9  | 403.4 | 402.9  | 402.4 | 402.4  | 402.4 |
| 131.1  | 141.0  | 159.3  | 318.4  | 753.0  | 145°   | 426.0 | 425.4  | 425.0 | 424.4  | 424.0 | 423.8  | 423.6 |
| 116.2  | 127.6  | 146.0  | 300.2  | 751.4  | 147.5° | 445.6 | 445.4  | 445.1 | 444.8  | 444.6 | 444.4  | 444.1 |
| 107.9  | 119.5  | 141.0  | 293.7  | 751.4  | 150°   | 462.3 | 462.1  | 461.8 | 461.5  | 461.3 | 461.1  | 460.8 |
| 107.9  | 119.5  | 137.7  | 287.0  | 756.5  | 152.5° | 478.0 | 477.8  | 477.4 | 477.2  | 477.0 | 476.8  | 476.6 |
| 106.2  | 112.7  | 127.6  | 283.7  | 764.7  | 155°   | 494.7 | 494.4  | 494.2 | 493.9  | 493.7 | 493.7  | 493.7 |
| 101.1  | 106.2  | 121.1  | 283.7  | 781.3  | 157.5° | 509.4 | 509.4  | 509.4 | 509.4  | 509.4 | 509.4  | 509.4 |
| 94.5   | 101.1  | 116.2  | 288.6  | 812.9  | 160°   | 522.2 | 522.2  | 522.2 | 522.2  | 522.2 | 522.2  | 522.2 |
| 89.7   | 96.2   | 114.4  | 288.6  | 877.6  | 162.5° | 532.0 | 531.8  | 531.4 | 531.2  | 531.0 | 531.0  | 531.0 |
| 84.6   | 94.5   | 112.7  | 285.3  | 970.3  | 165°   | 542.8 | 542.6  | 542.3 | 541.9  | 541.8 | 541.8  | 541.8 |
| 82.9   | 91.3   | 109.4  | 282.0  | 1084.8 | 167.5° | 549.7 | 549.7  | 549.7 | 549.7  | 549.7 | 549.9  | 550.1 |
| 81.3   | 87.9   | 101.1  | 273.7  | 1176.2 | 170°   | 554.5 | 554.7  | 555.1 | 555.3  | 555.5 | 555.7  | 556.1 |
| 78.0   | 82.9   | 92.9   | 258.8  | 1237.4 | 172.5° | 558.5 | 558.3  | 557.9 | 557.7  | 557.5 | 557.7  | 557.9 |
| 73.0   | 78.0   | 84.6   | 242.3  | 1250.8 | 175°   | 562.4 | 562.2  | 561.9 | 561.6  | 561.4 | 561.4  | 561.4 |
| 69.7   | 74.6   | 84.6   | 228.9  | 1169.4 | 177.5° | 566.3 | 566.3  | 566.3 | 566.3  | 566.3 | 566.5  | 566.8 |
| 64.7   | 73.0   | 86.2   | 217.3  | 992.0  | 180°   | 565.3 | 565.3  | 565.3 | 565.3  | 565.3 | 565.3  | 565.3 |
| 61.4   | 73.0   | 87.9   | 212.3  | 787.9  |        |       |        |       |        |       |        |       |
| 58.1   | 71.3   | 89.7   | 204.1  | 593.9  |        |       |        |       |        |       |        |       |
| 53.1   | 64.7   | 78.0   | 169.2  | 401.5  |        |       |        |       |        |       |        |       |
| 43.1   | 49.8   | 58.1   | 107.9  | 212.3  |        |       |        |       |        |       |        |       |
| 28.2   | 29.8   | 33.1   | 66.4   | 117.8  |        |       |        |       |        |       |        |       |
| 13.3   | 16.6   | 16.6   | 31.5   | 53.1   |        |       |        |       |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 3.3    | 11.6   |        |       |        |       |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |        |       |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |        |       |        |       |        |       |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |       |        |       |        |       |        |       |
| 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |        |       |        |       |        |       |        |       |
| 6.4    | 5.1    | 4.0    | 3.0    | 2.0    |        |       |        |       |        |       |        |       |
| 25.5   | 23.5   | 21.6   | 13.7   | 9.8    |        |       |        |       |        |       |        |       |
| 46.6   | 45.4   | 44.2   | 37.3   | 31.4   |        |       |        |       |        |       |        |       |
| 66.7   | 65.8   | 64.8   | 59.8   | 55.0   |        |       |        |       |        |       |        |       |
| 87.9   | 87.1   | 86.3   | 82.5   | 78.5   |        |       |        |       |        |       |        |       |
| 109.0  | 108.4  | 108.0  | 104.0  | 101.1  |        |       |        |       |        |       |        |       |

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**CANDELA DISTRIBUTION (continued):**

| 322.5° | 325°  | 335°  | 345°  |        | 355°   | 359°   | 360°   |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 130.1  | 129.5 | 126.6 | 123.7 | 0°     | 1159.5 | 1159.5 | 1159.5 |
| 151.6  | 151.2 | 148.2 | 146.2 | 2.5°   | 1201.0 | 1220.9 | 1230.9 |
| 174.2  | 173.7 | 170.8 | 168.8 | 5°     | 1136.3 | 1177.8 | 1191.1 |
| 197.4  | 197.3 | 194.3 | 192.3 | 7.5°   | 1038.4 | 1084.8 | 1103.1 |
| 222.0  | 221.8 | 218.8 | 216.9 | 10°    | 940.5  | 998.6  | 1016.8 |
| 246.6  | 246.3 | 243.4 | 242.5 | 12.5°  | 882.5  | 952.1  | 962.2  |
| 269.4  | 269.0 | 267.0 | 265.0 | 15°    | 859.3  | 930.6  | 950.5  |
| 292.7  | 292.5 | 288.5 | 287.5 | 17.5°  | 882.5  | 962.2  | 982.0  |
| 315.2  | 315.0 | 312.1 | 311.2 | 20°    | 927.3  | 1025.1 | 1056.7 |
| 338.6  | 338.6 | 334.7 | 332.7 | 22.5°  | 1003.6 | 1136.3 | 1176.2 |
| 360.2  | 360.2 | 357.3 | 356.3 | 25°    | 1128.0 | 1312.2 | 1347.0 |
| 381.0  | 380.8 | 378.8 | 377.8 | 27.5°  | 1260.7 | 1451.5 | 1506.2 |
| 402.4  | 402.4 | 399.5 | 400.5 | 30°    | 1376.8 | 1580.8 | 1625.7 |
| 423.2  | 423.0 | 420.0 | 420.0 | 32.5°  | 1459.7 | 1683.7 | 1735.2 |
| 443.9  | 443.7 | 439.7 | 438.7 | 35°    | 1557.6 | 1801.6 | 1851.2 |
| 460.5  | 460.3 | 456.4 | 455.4 | 37.5°  | 1670.5 | 1944.1 | 2012.1 |
| 476.2  | 476.0 | 473.0 | 474.0 | 40°    | 1794.8 | 2091.8 | 2168.1 |
| 493.7  | 493.7 | 491.7 | 492.7 | 42.5°  | 1907.6 | 2229.4 | 2314.0 |
| 509.4  | 509.4 | 506.5 | 507.5 | 45°    | 1995.6 | 2358.9 | 2425.2 |
| 522.2  | 522.2 | 519.2 | 519.2 | 47.5°  | 2096.7 | 2458.4 | 2533.0 |
| 531.0  | 531.0 | 528.0 | 529.0 | 50°    | 2236.2 | 2584.4 | 2672.4 |
| 541.8  | 541.8 | 537.8 | 538.8 | 52.5°  | 2440.2 | 2798.4 | 2861.6 |
| 550.4  | 550.6 | 547.7 | 548.7 | 55°    | 2687.3 | 3057.2 | 3128.5 |
| 556.3  | 556.5 | 554.5 | 555.5 | 57.5°  | 2914.6 | 3297.8 | 3359.1 |
| 558.3  | 558.5 | 556.5 | 558.5 | 60°    | 3060.5 | 3408.9 | 3460.3 |
| 561.4  | 561.4 | 558.5 | 559.5 | 62.5°  | 3062.2 | 3412.2 | 3476.9 |
| 567.1  | 567.3 | 563.3 | 564.3 | 65°    | 2941.1 | 3339.2 | 3412.2 |
| 565.3  | 565.3 | 565.3 | 565.3 | 67.5°  | 2634.2 | 3153.4 | 3266.2 |
|        |       |       |       | 70°    | 2224.6 | 2788.5 | 2914.6 |
|        |       |       |       | 72.5°  | 1735.2 | 2191.3 | 2335.6 |
|        |       |       |       | 75°    | 1176.2 | 1454.7 | 1580.8 |
|        |       |       |       | 77.5°  | 748.1  | 839.4  | 880.9  |
|        |       |       |       | 80°    | 441.2  | 496.0  | 517.5  |
|        |       |       |       | 82.5°  | 273.7  | 295.3  | 316.8  |
|        |       |       |       | 85°    | 111.1  | 79.6   | 86.2   |
|        |       |       |       | 87.5°  | 0.0    | 0.0    | 0.0    |
|        |       |       |       | 90°    | 0.0    | 0.0    | 0.0    |
|        |       |       |       | 92.5°  | 0.0    | 0.0    | 0.0    |
|        |       |       |       | 95°    | 1.0    | 1.0    | 1.0    |
|        |       |       |       | 97.5°  | 2.0    | 2.0    | 2.0    |
|        |       |       |       | 100°   | 7.8    | 7.8    | 7.8    |
|        |       |       |       | 102.5° | 27.5   | 27.5   | 27.5   |
|        |       |       |       | 105°   | 53.0   | 53.0   | 53.0   |
|        |       |       |       | 107.5° | 75.5   | 76.4   | 76.5   |
|        |       |       |       | 110°   | 100.1  | 99.4   | 99.2   |

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**CANDELA DISTRIBUTION (continued):**

|        | 355°  | 359°  | 360°  |
|--------|-------|-------|-------|
| 112.5° | 121.7 | 121.7 | 121.7 |
| 115°   | 144.3 | 143.5 | 143.3 |
| 117.5° | 166.8 | 166.1 | 165.8 |
| 120°   | 191.4 | 189.8 | 189.5 |
| 122.5° | 216.0 | 215.1 | 215.0 |
| 125°   | 241.5 | 239.8 | 239.5 |
| 127.5° | 264.0 | 262.5 | 262.0 |
| 130°   | 286.6 | 285.0 | 284.7 |
| 132.5° | 308.2 | 307.4 | 307.2 |
| 135°   | 330.8 | 329.9 | 329.8 |
| 137.5° | 353.3 | 352.6 | 352.3 |
| 140°   | 375.9 | 375.1 | 375.0 |
| 142.5° | 398.5 | 396.9 | 396.5 |
| 145°   | 418.1 | 417.4 | 417.2 |
| 147.5° | 435.8 | 435.8 | 435.8 |
| 150°   | 453.5 | 452.7 | 452.5 |
| 152.5° | 471.1 | 470.4 | 470.2 |
| 155°   | 490.7 | 489.9 | 489.8 |
| 157.5° | 505.5 | 503.9 | 503.5 |
| 160°   | 517.2 | 515.6 | 515.3 |
| 162.5° | 526.0 | 525.3 | 525.1 |
| 165°   | 536.8 | 536.1 | 535.9 |
| 167.5° | 545.7 | 544.9 | 544.7 |
| 170°   | 552.5 | 551.8 | 551.6 |
| 172.5° | 555.5 | 554.7 | 554.5 |
| 175°   | 558.5 | 556.9 | 556.5 |
| 177.5° | 562.4 | 561.6 | 561.4 |
| 180°   | 565.3 | 565.3 | 565.3 |

(END OF REPORT)