

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: NEO-RAY

Report Number: P331413

Luminaire Tested: **SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331413  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1080 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

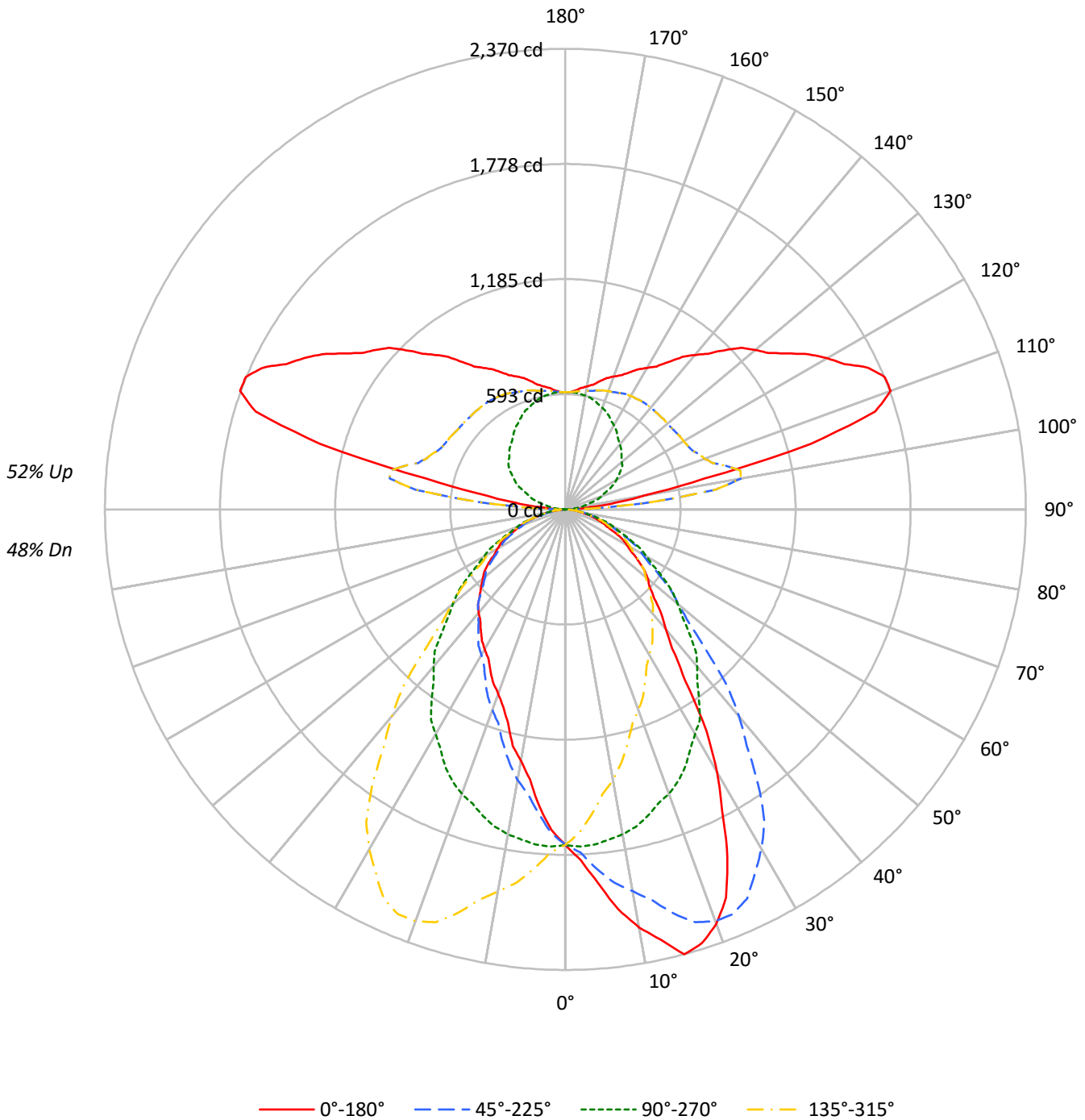
Lumens per Lamp: N/A  
Luminaire Lumens: 8018.1 lumens  
Efficiency: N/A  
Efficacy: 122.6 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 65.4  
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



TEST NUMBER: P331413  
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### Luminous Intensity Polar Plot





TEST NUMBER: P331413

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 48 |
| 1   | 98  | 94  | 90  | 86  | 90 | 86 | 83 | 80 | 73 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 67 | 64 | 60 | 57 | 53 | 51 | 48 | 43 | 41 | 40 | 35 |
| 3   | 82  | 73  | 66  | 60  | 75 | 67 | 61 | 56 | 57 | 52 | 49 | 47 | 44 | 41 | 39 | 36 | 34 | 30 |
| 4   | 75  | 65  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 43 | 39 | 36 | 35 | 32 | 30 | 26 |
| 5   | 69  | 58  | 50  | 44  | 63 | 54 | 47 | 41 | 46 | 40 | 36 | 38 | 34 | 31 | 32 | 29 | 26 | 23 |
| 6   | 64  | 52  | 44  | 38  | 59 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 24 | 21 |
| 7   | 59  | 47  | 39  | 34  | 54 | 44 | 37 | 32 | 38 | 32 | 28 | 32 | 28 | 25 | 26 | 23 | 21 | 18 |
| 8   | 55  | 43  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 17 |
| 9   | 51  | 39  | 32  | 27  | 47 | 37 | 30 | 26 | 32 | 26 | 23 | 27 | 23 | 20 | 23 | 20 | 17 | 15 |
| 10  | 48  | 36  | 29  | 24  | 44 | 34 | 27 | 23 | 29 | 24 | 21 | 25 | 21 | 18 | 21 | 18 | 16 | 14 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 27876 | 27876 | 27876 | 27876 |
| 5°  | 31253 | 28058 | 24864 | 28058 |
| 10° | 35813 | 27829 | 21518 | 27829 |
| 15° | 39619 | 27318 | 19010 | 27318 |
| 20° | 39015 | 26770 | 17330 | 26770 |
| 25° | 35179 | 26042 | 16265 | 26042 |
| 30° | 29071 | 24878 | 15489 | 24878 |
| 35° | 21187 | 23660 | 14937 | 23660 |
| 40° | 16923 | 22223 | 14629 | 22223 |
| 45° | 14787 | 20559 | 14212 | 20559 |
| 50° | 13901 | 18952 | 13933 | 18952 |
| 55° | 12814 | 17315 | 13560 | 17315 |
| 60° | 11741 | 15578 | 12984 | 15578 |
| 65° | 10697 | 14017 | 12420 | 14017 |
| 70° | 9711  | 12500 | 11589 | 12500 |
| 75° | 8609  | 10805 | 10268 | 10805 |
| 80° | 7401  | 8945  | 8266  | 8945  |
| 85° | 6632  | 6632  | 4909  | 6632  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 164.4  | 2.1       |
| 10°-20°   | 478.0  | 6.0       |
| 20°-30°   | 693.8  | 8.7       |
| 30°-40°   | 732.1  | 9.1       |
| 40°-50°   | 648.2  | 8.1       |
| 50°-60°   | 517.3  | 6.5       |
| 60°-70°   | 351.6  | 4.4       |
| 70°-80°   | 180.3  | 2.2       |
| 80°-90°   | 48.9   | 0.6       |
| 90°-100°  | 241.5  | 3.0       |
| 100°-110° | 819.6  | 10.2      |
| 110°-120° | 870.7  | 10.9      |
| 120°-130° | 716.8  | 8.9       |
| 130°-140° | 575.6  | 7.2       |
| 140°-150° | 435.0  | 5.4       |
| 150°-160° | 305.7  | 3.8       |
| 160°-170° | 180.0  | 2.2       |
| 170°-180° | 58.6   | 0.7       |
| 0°-30°    | 1336.2 | 16.7      |
| 0°-40°    | 2068.3 | 25.8      |
| 0°-60°    | 3233.8 | 40.3      |
| 0°-90°    | 3814.5 | 47.6      |
| 90°-120°  | 1931.9 | 24.1      |
| 90°-150°  | 3659.3 | 45.6      |
| 90°-180°  | 4204.0 | 52.4      |
| 0°-180°   | 8018.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1726 | 1726 | 1726 | 1726 | 1726 |      |
| 5°   | 1928 | 1731 | 1534 | 1731 | 1928 | 193  |
| 15°  | 2370 | 1634 | 1137 | 1634 | 2370 | 654  |
| 25°  | 1975 | 1462 | 913  | 1462 | 1975 | 893  |
| 35°  | 1075 | 1200 | 758  | 1200 | 1075 | 699  |
| 45°  | 648  | 900  | 622  | 900  | 648  | 509  |
| 55°  | 455  | 615  | 482  | 615  | 455  | 408  |
| 65°  | 280  | 367  | 325  | 367  | 280  | 278  |
| 75°  | 138  | 173  | 165  | 173  | 138  | 147  |
| 85°  | 36   | 36   | 26   | 36   | 36   | 40   |
| 90°  | 38   | 1    | 38   | 1    | 38   | 22   |
| 95°  | 132  | 41   | 132  | 41   | 132  | 172  |
| 105° | 1309 | 142  | 1309 | 142  | 1309 | 1267 |
| 115° | 1723 | 250  | 1723 | 250  | 1723 | 1687 |
| 125° | 1398 | 348  | 1398 | 348  | 1398 | 1263 |
| 135° | 1158 | 409  | 1158 | 409  | 1158 | 900  |
| 145° | 925  | 467  | 925  | 467  | 925  | 587  |
| 155° | 777  | 531  | 777  | 531  | 777  | 363  |
| 165° | 682  | 578  | 682  | 578  | 682  | 195  |
| 175° | 614  | 603  | 614  | 603  | 614  | 60   |
| 180° | 604  | 604  | 604  | 604  | 604  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1806.2 | 1806.7 | 1807.8 | 1799.3 | 1798.2 | 1798.2 | 1790.8 | 1784.4 | 1777.0 | 1766.9 | 1768.0 |
| 5°     | 1928.3 | 1935.6 | 1938.2 | 1930.3 | 1918.3 | 1917.0 | 1905.7 | 1887.1 | 1869.9 | 1855.9 | 1846.0 |
| 7.5°   | 2074.0 | 2076.9 | 2070.4 | 2059.9 | 2051.0 | 2035.1 | 2014.1 | 1993.6 | 1964.8 | 1938.4 | 1918.7 |
| 10°    | 2184.4 | 2188.4 | 2177.1 | 2161.8 | 2149.2 | 2130.6 | 2100.1 | 2068.9 | 2031.1 | 1994.6 | 1965.4 |
| 12.5°  | 2268.3 | 2278.1 | 2263.6 | 2261.6 | 2240.0 | 2214.5 | 2178.2 | 2162.4 | 2109.2 | 2058.3 | 2027.0 |
| 15°    | 2370.2 | 2369.5 | 2370.9 | 2358.2 | 2342.3 | 2338.3 | 2299.9 | 2258.1 | 2183.1 | 2153.2 | 2101.5 |
| 17.5°  | 2340.7 | 2350.8 | 2355.5 | 2355.3 | 2354.9 | 2352.4 | 2340.1 | 2313.7 | 2276.1 | 2227.7 | 2167.9 |
| 20°    | 2270.7 | 2283.9 | 2285.9 | 2301.2 | 2309.8 | 2321.1 | 2325.7 | 2318.4 | 2295.2 | 2254.7 | 2203.0 |
| 22.5°  | 2162.4 | 2166.1 | 2172.3 | 2196.1 | 2214.8 | 2243.1 | 2257.8 | 2282.3 | 2273.4 | 2253.7 | 2210.4 |
| 25°    | 1974.7 | 1968.1 | 1991.3 | 2003.2 | 2046.4 | 2091.5 | 2124.0 | 2159.8 | 2191.7 | 2210.9 | 2198.3 |
| 27.5°  | 1749.4 | 1739.4 | 1774.2 | 1805.9 | 1840.9 | 1889.8 | 1940.5 | 2000.3 | 2050.1 | 2112.3 | 2133.7 |
| 30°    | 1559.3 | 1565.3 | 1598.5 | 1632.3 | 1685.4 | 1754.4 | 1811.5 | 1877.2 | 1948.2 | 2017.8 | 2066.3 |
| 32.5°  | 1354.4 | 1377.4 | 1398.4 | 1450.2 | 1497.0 | 1573.9 | 1657.5 | 1739.7 | 1828.2 | 1907.4 | 1982.4 |
| 35°    | 1074.9 | 1101.5 | 1130.7 | 1168.5 | 1234.2 | 1310.5 | 1392.1 | 1502.9 | 1623.7 | 1731.9 | 1820.8 |
| 37.5°  | 904.8  | 900.6  | 917.3  | 944.6  | 997.8  | 1059.4 | 1153.4 | 1262.9 | 1405.0 | 1532.1 | 1657.5 |
| 40°    | 802.9  | 800.2  | 812.2  | 837.4  | 877.9  | 923.0  | 1005.3 | 1101.5 | 1233.5 | 1388.8 | 1538.1 |
| 42.5°  | 732.8  | 734.4  | 741.0  | 758.8  | 786.6  | 823.7  | 885.3  | 967.2  | 1088.1 | 1234.3 | 1394.8 |
| 45°    | 647.6  | 652.3  | 659.6  | 668.2  | 684.1  | 714.6  | 749.1  | 807.5  | 903.1  | 1025.2 | 1183.1 |
| 47.5°  | 586.3  | 586.4  | 593.9  | 601.4  | 610.9  | 628.1  | 656.2  | 692.9  | 760.3  | 859.7  | 995.5  |
| 50°    | 553.4  | 548.8  | 554.1  | 560.0  | 570.0  | 581.9  | 600.5  | 635.0  | 680.1  | 760.4  | 873.9  |
| 52.5°  | 513.1  | 513.2  | 518.0  | 520.2  | 529.1  | 541.1  | 558.0  | 581.9  | 622.8  | 685.6  | 778.9  |
| 55°    | 455.2  | 458.5  | 461.2  | 465.1  | 473.1  | 481.7  | 495.0  | 510.9  | 542.8  | 589.9  | 658.9  |
| 57.5°  | 400.8  | 401.8  | 404.5  | 412.1  | 417.1  | 425.1  | 437.7  | 452.1  | 472.8  | 507.7  | 559.6  |
| 60°    | 363.6  | 363.6  | 368.9  | 372.2  | 378.9  | 386.8  | 396.8  | 410.7  | 429.3  | 457.8  | 499.7  |
| 62.5°  | 329.7  | 329.1  | 331.2  | 336.7  | 341.7  | 349.2  | 359.1  | 370.9  | 388.4  | 413.8  | 448.2  |
| 65°    | 280.0  | 278.7  | 282.7  | 284.0  | 289.3  | 296.6  | 304.6  | 317.2  | 331.1  | 349.7  | 380.2  |
| 67.5°  | 232.2  | 233.8  | 236.0  | 238.5  | 241.4  | 249.1  | 254.4  | 263.3  | 275.1  | 290.5  | 311.2  |
| 70°    | 205.7  | 205.7  | 205.7  | 207.7  | 211.7  | 215.7  | 221.0  | 228.3  | 239.5  | 252.8  | 271.4  |
| 72.5°  | 176.0  | 178.1  | 180.2  | 179.0  | 184.1  | 186.5  | 192.8  | 196.9  | 207.7  | 216.2  | 232.6  |
| 75°    | 138.0  | 138.0  | 138.0  | 141.3  | 143.3  | 145.3  | 149.3  | 153.3  | 158.6  | 169.2  | 177.8  |
| 77.5°  | 103.0  | 102.7  | 103.4  | 104.2  | 106.3  | 108.7  | 109.9  | 113.5  | 118.4  | 123.3  | 130.6  |
| 80°    | 79.6   | 81.0   | 81.6   | 82.9   | 82.9   | 84.3   | 84.9   | 89.6   | 92.9   | 96.2   | 100.9  |
| 82.5°  | 61.6   | 61.8   | 62.0   | 62.2   | 62.8   | 63.6   | 65.3   | 66.8   | 67.9   | 70.7   | 74.3   |
| 85°    | 35.8   | 35.2   | 35.2   | 36.5   | 35.8   | 35.8   | 37.2   | 38.5   | 38.5   | 39.1   | 41.1   |
| 87.5°  | 21.5   | 21.5   | 22.0   | 21.5   | 21.5   | 21.8   | 21.3   | 21.2   | 22.0   | 22.8   | 23.1   |
| 90°    | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 37.2   | 34.9   | 37.2   | 38.3   | 39.5   | 38.3   |
| 92.5°  | 64.4   | 66.2   | 65.3   | 69.0   | 69.9   | 77.1   | 86.9   | 101.3  | 127.6  | 151.0  | 148.9  |
| 95°    | 132.4  | 131.3  | 134.8  | 144.0  | 159.1  | 184.7  | 233.5  | 304.4  | 398.5  | 455.4  | 403.1  |
| 97.5°  | 260.7  | 270.4  | 287.4  | 316.0  | 371.5  | 455.4  | 581.1  | 710.2  | 815.5  | 777.4  | 585.5  |
| 100°   | 415.9  | 436.8  | 470.5  | 520.4  | 616.8  | 757.4  | 916.6  | 1060.6 | 1085.0 | 917.7  | 631.9  |
| 102.5° | 731.9  | 760.2  | 802.3  | 887.5  | 992.3  | 1141.2 | 1257.6 | 1290.2 | 1185.4 | 922.4  | 614.3  |
| 105°   | 1309.2 | 1325.5 | 1375.4 | 1447.4 | 1519.5 | 1557.8 | 1542.7 | 1411.4 | 1169.8 | 860.8  | 579.7  |
| 107.5° | 1672.3 | 1693.9 | 1703.9 | 1707.9 | 1698.8 | 1642.6 | 1521.8 | 1324.1 | 1067.8 | 794.8  | 562.5  |
| 110°   | 1782.0 | 1783.2 | 1772.7 | 1750.6 | 1700.7 | 1605.4 | 1456.7 | 1248.8 | 1003.7 | 763.2  | 558.8  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1780.1 | 1773.9 | 1754.1 | 1717.2 | 1647.7 | 1538.5 | 1379.6 | 1180.0 | 959.1 | 742.8 | 559.7 |
| 115°   | 1722.8 | 1712.3 | 1682.1 | 1628.7 | 1546.2 | 1426.5 | 1274.4 | 1095.5 | 903.8 | 720.2 | 564.6 |
| 117.5° | 1620.3 | 1611.5 | 1579.6 | 1523.2 | 1439.1 | 1326.9 | 1188.9 | 1031.8 | 868.9 | 709.3 | 572.9 |
| 120°   | 1554.3 | 1542.7 | 1509.0 | 1454.4 | 1373.1 | 1267.4 | 1144.2 | 1000.2 | 850.3 | 702.8 | 578.5 |
| 122.5° | 1485.5 | 1475.8 | 1445.8 | 1392.1 | 1319.2 | 1223.7 | 1107.1 | 975.1  | 834.5 | 699.1 | 585.0 |
| 125°   | 1397.5 | 1388.2 | 1359.2 | 1315.0 | 1247.6 | 1160.5 | 1058.3 | 938.6  | 812.0 | 692.4 | 594.8 |
| 127.5° | 1320.4 | 1312.9 | 1287.8 | 1246.5 | 1187.7 | 1107.3 | 1010.9 | 902.6  | 791.1 | 688.4 | 604.8 |
| 130°   | 1276.7 | 1267.4 | 1244.2 | 1204.7 | 1147.7 | 1071.1 | 979.3  | 879.4  | 777.2 | 686.5 | 612.2 |
| 132.5° | 1231.1 | 1222.8 | 1201.4 | 1161.9 | 1105.9 | 1033.9 | 949.6  | 857.1  | 766.0 | 685.6 | 619.6 |
| 135°   | 1158.2 | 1153.5 | 1132.6 | 1094.3 | 1044.3 | 979.3  | 902.6  | 825.9  | 750.4 | 684.2 | 628.5 |
| 137.5° | 1086.6 | 1079.7 | 1061.3 | 1028.3 | 982.8  | 926.1  | 865.2  | 801.1  | 739.5 | 684.0 | 636.4 |
| 140°   | 1037.4 | 1030.4 | 1013.0 | 982.8  | 945.6  | 894.5  | 841.1  | 785.3  | 733.0 | 683.1 | 640.1 |
| 142.5° | 988.1  | 986.7  | 971.2  | 943.7  | 908.4  | 865.7  | 819.7  | 772.3  | 726.5 | 683.1 | 642.9 |
| 145°   | 924.7  | 921.2  | 909.6  | 889.8  | 862.0  | 828.3  | 792.3  | 753.9  | 717.9 | 680.7 | 645.9 |
| 147.5° | 871.5  | 869.4  | 861.5  | 845.7  | 822.7  | 798.1  | 770.0  | 739.8  | 709.1 | 676.6 | 646.8 |
| 150°   | 839.9  | 838.7  | 831.8  | 817.8  | 800.4  | 779.5  | 755.1  | 729.5  | 701.6 | 673.8 | 645.9 |
| 152.5° | 812.9  | 812.7  | 807.6  | 795.5  | 781.8  | 763.7  | 743.0  | 719.3  | 695.1 | 669.1 | 644.0 |
| 155°   | 777.2  | 779.5  | 774.8  | 766.7  | 753.9  | 741.1  | 723.7  | 705.1  | 683.1 | 661.0 | 641.2 |
| 157.5° | 746.7  | 746.7  | 744.6  | 737.9  | 728.8  | 718.8  | 704.2  | 688.6  | 671.7 | 652.6 | 635.9 |
| 160°   | 727.2  | 727.2  | 726.0  | 720.2  | 712.1  | 704.0  | 691.2  | 678.4  | 663.3 | 647.1 | 633.1 |
| 162.5° | 708.6  | 709.5  | 708.4  | 704.4  | 696.3  | 690.0  | 679.1  | 668.2  | 655.9 | 642.4 | 630.3 |
| 165°   | 681.9  | 683.1  | 683.1  | 678.4  | 673.8  | 669.1  | 661.0  | 652.9  | 643.6 | 633.1 | 625.0 |
| 167.5° | 657.3  | 658.7  | 658.9  | 656.3  | 654.3  | 650.1  | 644.5  | 638.2  | 631.5 | 625.0 | 619.6 |
| 170°   | 642.4  | 644.7  | 645.9  | 642.4  | 641.2  | 638.9  | 634.3  | 630.8  | 625.0 | 620.3 | 616.8 |
| 172.5° | 630.3  | 631.7  | 632.9  | 631.3  | 630.1  | 628.7  | 625.0  | 622.4  | 618.5 | 614.8 | 613.1 |
| 175°   | 614.5  | 616.8  | 618.0  | 616.8  | 616.8  | 615.7  | 614.5  | 613.4  | 609.9 | 608.7 | 607.6 |
| 177.5° | 605.0  | 606.9  | 607.8  | 607.8  | 607.8  | 607.8  | 606.9  | 606.9  | 605.0 | 604.1 | 605.0 |
| 180°   | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1 | 604.1 | 604.1 |



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CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1771.7 | 1767.4 | 1764.8 | 1755.2 | 1746.7 | 1738.2 | 1735.6 | 1736.6 | 1725.0 | 1713.8 | 1709.0 |
| 5°     | 1840.7 | 1827.4 | 1814.8 | 1796.9 | 1775.7 | 1752.4 | 1740.5 | 1731.2 | 1708.0 | 1682.8 | 1668.2 |
| 7.5°   | 1902.5 | 1883.5 | 1859.3 | 1825.6 | 1794.6 | 1758.1 | 1734.9 | 1714.3 | 1680.4 | 1644.8 | 1623.0 |
| 10°    | 1940.2 | 1914.3 | 1883.1 | 1842.0 | 1804.2 | 1759.7 | 1728.5 | 1697.4 | 1657.5 | 1615.1 | 1588.5 |
| 12.5°  | 1972.6 | 1937.7 | 1907.0 | 1854.2 | 1809.5 | 1753.9 | 1716.9 | 1672.9 | 1631.0 | 1580.6 | 1554.6 |
| 15°    | 2049.7 | 1985.3 | 1926.9 | 1867.2 | 1812.1 | 1734.5 | 1693.4 | 1634.3 | 1579.2 | 1516.9 | 1487.0 |
| 17.5°  | 2109.3 | 2037.0 | 1945.0 | 1869.1 | 1804.8 | 1718.9 | 1658.5 | 1587.7 | 1522.6 | 1451.3 | 1410.7 |
| 20°    | 2143.3 | 2060.3 | 1961.4 | 1871.2 | 1794.2 | 1696.0 | 1630.3 | 1558.0 | 1481.7 | 1401.4 | 1357.6 |
| 22.5°  | 2163.4 | 2076.2 | 1978.4 | 1863.2 | 1773.0 | 1677.4 | 1594.8 | 1515.5 | 1438.2 | 1351.5 | 1305.6 |
| 25°    | 2169.8 | 2090.2 | 1986.7 | 1856.6 | 1746.5 | 1638.3 | 1538.8 | 1461.8 | 1368.2 | 1287.3 | 1220.3 |
| 27.5°  | 2138.2 | 2081.1 | 1981.6 | 1844.1 | 1715.8 | 1589.3 | 1478.4 | 1391.2 | 1292.5 | 1204.6 | 1137.2 |
| 30°    | 2099.5 | 2066.3 | 1969.4 | 1831.4 | 1691.4 | 1555.4 | 1433.3 | 1334.4 | 1236.2 | 1147.3 | 1078.3 |
| 32.5°  | 2039.5 | 2032.3 | 1947.1 | 1813.3 | 1665.4 | 1512.4 | 1386.0 | 1286.1 | 1177.3 | 1089.9 | 1024.1 |
| 35°    | 1921.6 | 1953.5 | 1899.7 | 1773.0 | 1616.4 | 1451.2 | 1314.5 | 1200.4 | 1087.6 | 1003.9 | 942.2  |
| 37.5°  | 1763.7 | 1842.8 | 1828.7 | 1713.9 | 1550.3 | 1384.6 | 1233.7 | 1114.4 | 1006.9 | 922.5  | 861.9  |
| 40°    | 1654.9 | 1755.7 | 1770.3 | 1668.8 | 1503.6 | 1333.1 | 1173.2 | 1054.4 | 949.5  | 872.6  | 811.5  |
| 42.5°  | 1538.1 | 1655.9 | 1696.0 | 1614.7 | 1452.6 | 1278.9 | 1119.0 | 996.0  | 892.2  | 817.4  | 763.2  |
| 45°    | 1342.4 | 1498.3 | 1570.6 | 1524.2 | 1367.6 | 1189.7 | 1025.2 | 900.4  | 806.2  | 735.9  | 694.1  |
| 47.5°  | 1159.3 | 1329.7 | 1427.0 | 1410.6 | 1272.9 | 1096.8 | 934.1  | 814.4  | 722.7  | 666.6  | 629.2  |
| 50°    | 1029.8 | 1205.0 | 1322.4 | 1327.8 | 1205.0 | 1030.5 | 867.3  | 754.5  | 670.2  | 617.8  | 587.2  |
| 52.5°  | 917.3  | 1084.5 | 1212.6 | 1240.7 | 1129.1 | 961.5  | 807.3  | 695.0  | 620.8  | 572.6  | 545.3  |
| 55°    | 770.4  | 911.7  | 1053.7 | 1105.5 | 1015.9 | 856.6  | 714.0  | 615.1  | 545.4  | 512.3  | 488.4  |
| 57.5°  | 640.5  | 758.3  | 889.4  | 946.6  | 891.4  | 755.1  | 621.3  | 535.5  | 478.9  | 449.9  | 431.6  |
| 60°    | 572.0  | 664.9  | 781.7  | 850.0  | 802.2  | 680.8  | 564.0  | 482.4  | 436.0  | 410.1  | 392.8  |
| 62.5°  | 508.3  | 590.6  | 689.3  | 751.8  | 725.8  | 611.3  | 506.7  | 434.6  | 394.5  | 370.3  | 357.8  |
| 65°    | 419.4  | 484.4  | 560.7  | 618.4  | 601.2  | 514.2  | 428.7  | 366.9  | 335.1  | 315.8  | 305.9  |
| 67.5°  | 345.3  | 392.3  | 445.2  | 495.8  | 481.9  | 420.3  | 351.5  | 303.5  | 279.8  | 263.2  | 257.2  |
| 70°    | 298.6  | 334.4  | 381.5  | 422.0  | 410.7  | 360.3  | 305.9  | 264.8  | 244.2  | 230.3  | 224.3  |
| 72.5°  | 254.0  | 283.5  | 319.4  | 352.5  | 344.9  | 303.0  | 257.6  | 226.5  | 210.7  | 197.9  | 193.0  |
| 75°    | 191.8  | 214.3  | 236.2  | 258.1  | 256.1  | 223.6  | 197.1  | 173.2  | 160.6  | 150.6  | 148.6  |
| 77.5°  | 141.6  | 154.2  | 169.1  | 182.1  | 178.5  | 159.9  | 139.1  | 125.4  | 116.1  | 109.5  | 108.4  |
| 80°    | 108.2  | 115.5  | 126.1  | 135.4  | 130.7  | 122.8  | 106.2  | 96.2   | 89.6   | 82.9   | 80.3   |
| 82.5°  | 78.4   | 85.7   | 92.1   | 97.1   | 93.6   | 86.1   | 75.9   | 69.1   | 65.2   | 60.6   | 59.6   |
| 85°    | 41.1   | 45.1   | 47.8   | 49.1   | 47.8   | 43.1   | 38.5   | 35.8   | 32.5   | 30.5   | 29.9   |
| 87.5°  | 22.2   | 20.6   | 19.4   | 19.8   | 17.7   | 17.3   | 14.2   | 11.9   | 12.1   | 12.5   | 11.9   |
| 90°    | 31.4   | 23.2   | 17.4   | 13.9   | 11.6   | 9.3    | 4.6    | 1.2    | 4.6    | 9.3    | 11.6   |
| 92.5°  | 115.9  | 79.0   | 52.7   | 41.8   | 33.9   | 28.8   | 20.4   | 14.2   | 20.4   | 28.8   | 33.9   |
| 95°    | 268.3  | 167.3  | 113.8  | 86.0   | 67.4   | 56.9   | 45.3   | 40.7   | 45.3   | 56.9   | 67.4   |
| 97.5°  | 361.5  | 220.7  | 153.6  | 122.0  | 100.6  | 84.8   | 72.5   | 66.2   | 72.5   | 84.8   | 100.6  |
| 100°   | 381.0  | 239.3  | 177.7  | 145.2  | 122.0  | 103.4  | 92.9   | 89.4   | 92.9   | 103.4  | 122.0  |
| 102.5° | 382.0  | 256.0  | 199.1  | 166.6  | 142.4  | 123.8  | 113.4  | 110.8  | 113.4  | 123.8  | 142.4  |
| 105°   | 388.0  | 284.6  | 230.0  | 197.5  | 171.9  | 154.5  | 146.4  | 141.7  | 146.4  | 154.5  | 171.9  |
| 107.5° | 404.0  | 313.9  | 260.9  | 228.2  | 202.8  | 186.8  | 178.9  | 175.2  | 178.9  | 186.8  | 202.8  |
| 110°   | 417.0  | 333.4  | 282.3  | 248.6  | 224.2  | 209.1  | 202.1  | 197.5  | 202.1  | 209.1  | 224.2  |





TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 431.0 | 352.0 | 302.7 | 268.1 | 244.6 | 230.5 | 222.6 | 217.9 | 222.6 | 230.5 | 244.6 |
| 115°   | 451.9 | 381.0 | 331.1 | 299.7 | 276.5 | 262.5 | 255.6 | 249.8 | 255.6 | 262.5 | 276.5 |
| 117.5° | 474.2 | 407.7 | 361.5 | 329.0 | 306.7 | 294.4 | 287.4 | 282.8 | 287.4 | 294.4 | 306.7 |
| 120°   | 489.1 | 426.3 | 381.0 | 348.5 | 325.3 | 314.8 | 307.8 | 303.2 | 307.8 | 314.8 | 325.3 |
| 122.5° | 502.1 | 444.0 | 401.5 | 368.0 | 344.8 | 333.4 | 326.4 | 322.7 | 326.4 | 333.4 | 344.8 |
| 125°   | 522.8 | 470.5 | 428.7 | 396.1 | 372.9 | 359.0 | 352.0 | 348.5 | 352.0 | 359.0 | 372.9 |
| 127.5° | 542.0 | 495.1 | 454.4 | 421.0 | 398.7 | 383.4 | 373.6 | 368.9 | 373.6 | 383.4 | 398.7 |
| 130°   | 554.1 | 510.0 | 469.3 | 436.8 | 413.6 | 397.3 | 385.7 | 381.0 | 385.7 | 397.3 | 413.6 |
| 132.5° | 566.2 | 523.0 | 484.2 | 451.7 | 427.5 | 410.3 | 397.8 | 392.2 | 397.8 | 410.3 | 427.5 |
| 135°   | 582.0 | 541.3 | 504.2 | 471.6 | 444.9 | 427.5 | 413.6 | 408.9 | 413.6 | 427.5 | 444.9 |
| 137.5° | 594.1 | 556.2 | 519.5 | 489.3 | 462.8 | 444.2 | 430.3 | 424.7 | 430.3 | 444.2 | 462.8 |
| 140°   | 600.6 | 564.6 | 529.7 | 499.5 | 474.0 | 455.4 | 441.4 | 436.8 | 441.4 | 455.4 | 474.0 |
| 142.5° | 606.2 | 571.1 | 537.2 | 508.8 | 484.2 | 465.6 | 452.6 | 448.9 | 452.6 | 465.6 | 484.2 |
| 145°   | 613.4 | 580.8 | 549.5 | 523.9 | 500.7 | 483.3 | 471.6 | 467.0 | 471.6 | 483.3 | 500.7 |
| 147.5° | 617.3 | 588.7 | 559.2 | 536.5 | 517.2 | 501.1 | 490.0 | 486.5 | 490.0 | 501.1 | 517.2 |
| 150°   | 619.2 | 592.5 | 565.7 | 544.8 | 527.4 | 512.3 | 503.0 | 499.5 | 503.0 | 512.3 | 527.4 |
| 152.5° | 620.1 | 596.2 | 572.2 | 553.2 | 536.7 | 523.4 | 514.2 | 512.5 | 514.2 | 523.4 | 536.7 |
| 155°   | 621.5 | 601.7 | 582.0 | 564.6 | 551.8 | 539.0 | 532.0 | 530.9 | 532.0 | 539.0 | 551.8 |
| 157.5° | 621.5 | 605.7 | 589.0 | 574.3 | 564.1 | 553.0 | 547.4 | 546.2 | 547.4 | 553.0 | 564.1 |
| 160°   | 621.5 | 607.6 | 593.6 | 580.8 | 571.5 | 562.2 | 557.6 | 556.4 | 557.6 | 562.2 | 571.5 |
| 162.5° | 620.6 | 608.5 | 596.4 | 586.4 | 578.0 | 570.6 | 566.0 | 566.7 | 566.0 | 570.6 | 578.0 |
| 165°   | 618.0 | 609.9 | 599.4 | 592.5 | 586.6 | 579.7 | 577.4 | 578.5 | 577.4 | 579.7 | 586.6 |
| 167.5° | 616.4 | 609.6 | 602.0 | 597.6 | 593.4 | 589.0 | 586.9 | 588.3 | 586.9 | 589.0 | 593.4 |
| 170°   | 614.5 | 608.7 | 602.9 | 599.4 | 597.1 | 593.6 | 592.5 | 594.8 | 592.5 | 593.6 | 597.1 |
| 172.5° | 611.7 | 607.8 | 603.8 | 601.3 | 599.9 | 596.4 | 597.1 | 598.5 | 597.1 | 596.4 | 599.9 |
| 175°   | 608.7 | 606.4 | 604.1 | 602.9 | 602.9 | 600.6 | 601.7 | 602.9 | 601.7 | 600.6 | 602.9 |
| 177.5° | 606.9 | 605.0 | 604.1 | 604.1 | 604.1 | 602.2 | 603.1 | 605.0 | 603.1 | 602.2 | 604.1 |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1703.7 | 1700.5 | 1689.4 | 1683.6 | 1674.0 | 1665.0 | 1659.1 | 1661.8 | 1663.9 | 1662.8 | 1661.3 |
| 5°     | 1654.9 | 1642.3 | 1623.0 | 1606.4 | 1594.5 | 1572.6 | 1563.3 | 1558.7 | 1554.7 | 1550.0 | 1545.4 |
| 7.5°   | 1596.8 | 1576.9 | 1549.2 | 1525.6 | 1503.3 | 1476.1 | 1460.6 | 1451.3 | 1441.8 | 1431.3 | 1422.0 |
| 10°    | 1555.4 | 1527.5 | 1498.3 | 1465.1 | 1438.6 | 1414.0 | 1392.1 | 1377.5 | 1364.3 | 1351.6 | 1342.4 |
| 12.5°  | 1511.8 | 1479.7 | 1443.6 | 1398.2 | 1369.0 | 1333.9 | 1330.5 | 1304.8 | 1284.1 | 1276.3 | 1265.4 |
| 15°    | 1442.6 | 1397.4 | 1351.6 | 1297.9 | 1274.7 | 1242.8 | 1222.9 | 1203.0 | 1185.1 | 1172.5 | 1169.2 |
| 17.5°  | 1363.9 | 1305.5 | 1259.9 | 1221.3 | 1183.2 | 1150.6 | 1132.3 | 1116.4 | 1101.6 | 1084.8 | 1082.5 |
| 20°    | 1303.9 | 1253.4 | 1203.7 | 1169.8 | 1130.7 | 1097.5 | 1074.9 | 1059.0 | 1046.4 | 1036.5 | 1027.8 |
| 22.5°  | 1247.1 | 1191.9 | 1146.3 | 1109.3 | 1070.7 | 1043.9 | 1026.1 | 1010.7 | 1000.2 | 989.2  | 981.1  |
| 25°    | 1155.9 | 1112.8 | 1063.0 | 1021.2 | 989.3  | 972.1  | 957.5  | 944.2  | 937.6  | 930.3  | 921.0  |
| 27.5°  | 1076.1 | 1028.2 | 981.7  | 949.3  | 921.3  | 906.0  | 895.7  | 886.6  | 880.4  | 876.1  | 870.8  |
| 30°    | 1019.9 | 971.4  | 934.9  | 903.1  | 879.9  | 864.6  | 858.0  | 852.7  | 845.4  | 842.7  | 840.1  |
| 32.5°  | 965.7  | 922.1  | 890.9  | 863.3  | 841.1  | 831.2  | 825.1  | 820.3  | 814.6  | 811.9  | 806.6  |
| 35°    | 889.2  | 852.7  | 822.1  | 806.9  | 789.0  | 780.3  | 775.7  | 769.1  | 763.7  | 761.1  | 760.4  |
| 37.5°  | 817.1  | 785.4  | 765.3  | 745.7  | 738.1  | 732.8  | 726.5  | 721.9  | 720.3  | 719.9  | 719.3  |
| 40°    | 770.4  | 744.5  | 726.6  | 710.7  | 707.3  | 699.4  | 694.1  | 690.1  | 690.1  | 690.8  | 690.1  |
| 42.5°  | 727.9  | 704.7  | 688.9  | 675.1  | 671.2  | 666.5  | 661.2  | 660.9  | 662.0  | 664.2  | 662.0  |
| 45°    | 663.5  | 647.0  | 635.7  | 629.0  | 621.7  | 617.1  | 616.4  | 618.4  | 619.1  | 619.8  | 621.7  |
| 47.5°  | 604.4  | 593.3  | 583.1  | 575.8  | 572.6  | 571.8  | 571.0  | 574.5  | 577.7  | 578.9  | 581.9  |
| 50°    | 569.3  | 556.7  | 548.1  | 543.4  | 540.8  | 539.5  | 540.8  | 544.8  | 547.4  | 550.7  | 552.7  |
| 52.5°  | 530.0  | 521.1  | 515.2  | 511.6  | 510.5  | 511.3  | 511.6  | 516.1  | 520.4  | 521.5  | 522.5  |
| 55°    | 475.8  | 469.1  | 467.8  | 461.8  | 464.5  | 463.8  | 467.1  | 469.8  | 473.8  | 477.8  | 478.4  |
| 57.5°  | 421.6  | 416.3  | 412.7  | 413.3  | 414.1  | 417.0  | 419.8  | 424.4  | 428.7  | 432.9  | 433.3  |
| 60°    | 385.5  | 382.9  | 380.9  | 380.9  | 382.2  | 386.2  | 389.5  | 394.1  | 396.8  | 399.5  | 401.4  |
| 62.5°  | 352.6  | 350.0  | 348.0  | 349.0  | 352.5  | 354.9  | 358.7  | 361.2  | 363.9  | 366.5  | 367.5  |
| 65°    | 300.6  | 299.3  | 301.3  | 302.6  | 303.2  | 306.6  | 311.2  | 313.2  | 315.8  | 317.2  | 321.8  |
| 67.5°  | 252.7  | 252.9  | 252.7  | 254.5  | 258.4  | 259.2  | 263.6  | 268.2  | 268.7  | 271.3  | 274.3  |
| 70°    | 220.3  | 221.6  | 223.0  | 224.3  | 227.6  | 228.9  | 232.2  | 234.2  | 236.9  | 238.9  | 240.9  |
| 72.5°  | 190.6  | 190.8  | 192.2  | 191.9  | 194.7  | 197.6  | 200.4  | 202.4  | 205.0  | 207.6  | 209.5  |
| 75°    | 146.6  | 146.6  | 148.0  | 148.6  | 152.0  | 155.3  | 154.6  | 155.9  | 158.6  | 161.2  | 162.6  |
| 77.5°  | 107.1  | 105.6  | 107.1  | 107.8  | 108.8  | 111.6  | 112.1  | 114.0  | 117.0  | 116.1  | 117.6  |
| 80°    | 81.6   | 79.6   | 81.6   | 82.3   | 82.3   | 85.6   | 85.6   | 86.9   | 88.9   | 86.9   | 88.9   |
| 82.5°  | 58.3   | 57.3   | 58.8   | 58.9   | 60.0   | 60.1   | 61.2   | 61.4   | 63.4   | 62.5   | 63.4   |
| 85°    | 29.2   | 28.5   | 29.2   | 28.5   | 29.2   | 29.9   | 29.9   | 29.2   | 29.2   | 30.5   | 28.5   |
| 87.5°  | 11.8   | 12.0   | 12.6   | 14.2   | 15.1   | 14.8   | 14.0   | 13.8   | 13.3   | 12.7   | 13.0   |
| 90°    | 13.9   | 17.4   | 23.2   | 31.4   | 38.3   | 39.5   | 38.3   | 37.2   | 34.9   | 37.2   | 38.3   |
| 92.5°  | 41.8   | 52.7   | 79.0   | 115.9  | 148.9  | 151.0  | 127.6  | 101.3  | 86.9   | 77.1   | 69.9   |
| 95°    | 86.0   | 113.8  | 167.3  | 268.3  | 403.1  | 455.4  | 398.5  | 304.4  | 233.5  | 184.7  | 159.1  |
| 97.5°  | 122.0  | 153.6  | 220.7  | 361.5  | 585.5  | 777.4  | 815.5  | 710.2  | 581.1  | 455.4  | 371.5  |
| 100°   | 145.2  | 177.7  | 239.3  | 381.0  | 631.9  | 917.7  | 1085.0 | 1060.6 | 916.6  | 757.4  | 616.8  |
| 102.5° | 166.6  | 199.1  | 256.0  | 382.0  | 614.3  | 922.4  | 1185.4 | 1290.2 | 1257.6 | 1141.2 | 992.3  |
| 105°   | 197.5  | 230.0  | 284.6  | 388.0  | 579.7  | 860.8  | 1169.8 | 1411.4 | 1542.7 | 1557.8 | 1519.5 |
| 107.5° | 228.2  | 260.9  | 313.9  | 404.0  | 562.5  | 794.8  | 1067.8 | 1324.1 | 1521.8 | 1642.6 | 1698.8 |
| 110°   | 248.6  | 282.3  | 333.4  | 417.0  | 558.8  | 763.2  | 1003.7 | 1248.8 | 1456.7 | 1605.4 | 1700.7 |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°   | 150°   | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 268.1 | 302.7 | 352.0 | 431.0 | 559.7 | 742.8 | 959.1 | 1180.0 | 1379.6 | 1538.5 | 1647.7 |
| 115°   | 299.7 | 331.1 | 381.0 | 451.9 | 564.6 | 720.2 | 903.8 | 1095.5 | 1274.4 | 1426.5 | 1546.2 |
| 117.5° | 329.0 | 361.5 | 407.7 | 474.2 | 572.9 | 709.3 | 868.9 | 1031.8 | 1188.9 | 1326.9 | 1439.1 |
| 120°   | 348.5 | 381.0 | 426.3 | 489.1 | 578.5 | 702.8 | 850.3 | 1000.2 | 1144.2 | 1267.4 | 1373.1 |
| 122.5° | 368.0 | 401.5 | 444.0 | 502.1 | 585.0 | 699.1 | 834.5 | 975.1  | 1107.1 | 1223.7 | 1319.2 |
| 125°   | 396.1 | 428.7 | 470.5 | 522.8 | 594.8 | 692.4 | 812.0 | 938.6  | 1058.3 | 1160.5 | 1247.6 |
| 127.5° | 421.0 | 454.4 | 495.1 | 542.0 | 604.8 | 688.4 | 791.1 | 902.6  | 1010.9 | 1107.3 | 1187.7 |
| 130°   | 436.8 | 469.3 | 510.0 | 554.1 | 612.2 | 686.5 | 777.2 | 879.4  | 979.3  | 1071.1 | 1147.7 |
| 132.5° | 451.7 | 484.2 | 523.0 | 566.2 | 619.6 | 685.6 | 766.0 | 857.1  | 949.6  | 1033.9 | 1105.9 |
| 135°   | 471.6 | 504.2 | 541.3 | 582.0 | 628.5 | 684.2 | 750.4 | 825.9  | 902.6  | 979.3  | 1044.3 |
| 137.5° | 489.3 | 519.5 | 556.2 | 594.1 | 636.4 | 684.0 | 739.5 | 801.1  | 865.2  | 926.1  | 982.8  |
| 140°   | 499.5 | 529.7 | 564.6 | 600.6 | 640.1 | 683.1 | 733.0 | 785.3  | 841.1  | 894.5  | 945.6  |
| 142.5° | 508.8 | 537.2 | 571.1 | 606.2 | 642.9 | 683.1 | 726.5 | 772.3  | 819.7  | 865.7  | 908.4  |
| 145°   | 523.9 | 549.5 | 580.8 | 613.4 | 645.9 | 680.7 | 717.9 | 753.9  | 792.3  | 828.3  | 862.0  |
| 147.5° | 536.5 | 559.2 | 588.7 | 617.3 | 646.8 | 676.6 | 709.1 | 739.8  | 770.0  | 798.1  | 822.7  |
| 150°   | 544.8 | 565.7 | 592.5 | 619.2 | 645.9 | 673.8 | 701.6 | 729.5  | 755.1  | 779.5  | 800.4  |
| 152.5° | 553.2 | 572.2 | 596.2 | 620.1 | 644.0 | 669.1 | 695.1 | 719.3  | 743.0  | 763.7  | 781.8  |
| 155°   | 564.6 | 582.0 | 601.7 | 621.5 | 641.2 | 661.0 | 683.1 | 705.1  | 723.7  | 741.1  | 753.9  |
| 157.5° | 574.3 | 589.0 | 605.7 | 621.5 | 635.9 | 652.6 | 671.7 | 688.6  | 704.2  | 718.8  | 728.8  |
| 160°   | 580.8 | 593.6 | 607.6 | 621.5 | 633.1 | 647.1 | 663.3 | 678.4  | 691.2  | 704.0  | 712.1  |
| 162.5° | 586.4 | 596.4 | 608.5 | 620.6 | 630.3 | 642.4 | 655.9 | 668.2  | 679.1  | 690.0  | 696.3  |
| 165°   | 592.5 | 599.4 | 609.9 | 618.0 | 625.0 | 633.1 | 643.6 | 652.9  | 661.0  | 669.1  | 673.8  |
| 167.5° | 597.6 | 602.0 | 609.6 | 616.4 | 619.6 | 625.0 | 631.5 | 638.2  | 644.5  | 650.1  | 654.3  |
| 170°   | 599.4 | 602.9 | 608.7 | 614.5 | 616.8 | 620.3 | 625.0 | 630.8  | 634.3  | 638.9  | 641.2  |
| 172.5° | 601.3 | 603.8 | 607.8 | 611.7 | 613.1 | 614.8 | 618.5 | 622.4  | 625.0  | 628.7  | 630.1  |
| 175°   | 602.9 | 604.1 | 606.4 | 608.7 | 607.6 | 608.7 | 609.9 | 613.4  | 614.5  | 615.7  | 616.8  |
| 177.5° | 604.1 | 604.1 | 605.0 | 606.9 | 605.0 | 604.1 | 605.0 | 606.9  | 606.9  | 607.8  | 607.8  |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1  | 604.1  | 604.1  | 604.1  |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1655.9 | 1654.9 | 1654.9 | 1650.1 | 1654.9 | 1654.9 | 1655.9 | 1661.3 | 1662.8 | 1663.9 | 1661.8 |
| 5°     | 1536.1 | 1534.1 | 1530.8 | 1534.1 | 1530.8 | 1534.1 | 1536.1 | 1545.4 | 1550.0 | 1554.7 | 1558.7 |
| 7.5°   | 1417.6 | 1409.6 | 1408.4 | 1400.6 | 1408.4 | 1409.6 | 1417.6 | 1422.0 | 1431.3 | 1441.8 | 1451.3 |
| 10°    | 1331.1 | 1325.8 | 1325.1 | 1312.5 | 1325.1 | 1325.8 | 1331.1 | 1342.4 | 1351.6 | 1364.3 | 1377.5 |
| 12.5°  | 1265.3 | 1252.5 | 1255.0 | 1247.7 | 1255.0 | 1252.5 | 1265.3 | 1265.4 | 1276.3 | 1284.1 | 1304.8 |
| 15°    | 1151.3 | 1151.3 | 1148.6 | 1137.3 | 1148.6 | 1151.3 | 1151.3 | 1169.2 | 1172.5 | 1185.1 | 1203.0 |
| 17.5°  | 1069.4 | 1068.0 | 1061.7 | 1064.9 | 1061.7 | 1068.0 | 1069.4 | 1082.5 | 1084.8 | 1101.6 | 1116.4 |
| 20°    | 1020.5 | 1016.6 | 1008.6 | 1008.6 | 1008.6 | 1016.6 | 1020.5 | 1027.8 | 1036.5 | 1046.4 | 1059.0 |
| 22.5°  | 974.4  | 974.1  | 965.6  | 968.2  | 965.6  | 974.1  | 974.4  | 981.1  | 989.2  | 1000.2 | 1010.7 |
| 25°    | 920.3  | 915.0  | 911.1  | 913.0  | 911.1  | 915.0  | 920.3  | 921.0  | 930.3  | 937.6  | 944.2  |
| 27.5°  | 869.1  | 866.2  | 865.9  | 860.5  | 865.9  | 866.2  | 869.1  | 870.8  | 876.1  | 880.4  | 886.6  |
| 30°    | 839.4  | 832.8  | 834.1  | 830.8  | 834.1  | 832.8  | 839.4  | 840.1  | 842.7  | 845.4  | 852.7  |
| 32.5°  | 805.4  | 803.0  | 801.7  | 798.9  | 801.7  | 803.0  | 805.4  | 806.6  | 811.9  | 814.6  | 820.3  |
| 35°    | 759.1  | 759.8  | 756.4  | 757.8  | 756.4  | 759.8  | 759.1  | 760.4  | 761.1  | 763.7  | 769.1  |
| 37.5°  | 718.6  | 720.7  | 719.2  | 719.6  | 719.2  | 720.7  | 718.6  | 719.3  | 719.9  | 720.3  | 721.9  |
| 40°    | 692.1  | 692.1  | 692.1  | 694.1  | 692.1  | 692.1  | 692.1  | 690.1  | 690.8  | 690.1  | 690.1  |
| 42.5°  | 666.6  | 665.5  | 664.5  | 664.3  | 664.5  | 665.5  | 666.6  | 662.0  | 664.2  | 662.0  | 660.9  |
| 45°    | 623.1  | 625.1  | 625.7  | 622.4  | 625.7  | 625.1  | 623.1  | 621.7  | 619.8  | 619.1  | 618.4  |
| 47.5°  | 583.7  | 583.9  | 583.7  | 586.6  | 583.7  | 583.9  | 583.7  | 581.9  | 578.9  | 577.7  | 574.5  |
| 50°    | 556.1  | 554.7  | 556.1  | 554.7  | 556.1  | 554.7  | 556.1  | 552.7  | 550.7  | 547.4  | 544.8  |
| 52.5°  | 526.9  | 527.1  | 526.3  | 526.1  | 526.3  | 527.1  | 526.9  | 522.5  | 521.5  | 520.4  | 516.1  |
| 55°    | 481.1  | 482.4  | 481.7  | 481.7  | 481.7  | 482.4  | 481.1  | 478.4  | 477.8  | 473.8  | 469.8  |
| 57.5°  | 433.7  | 434.9  | 435.8  | 432.9  | 435.8  | 434.9  | 433.7  | 433.3  | 432.9  | 428.7  | 424.4  |
| 60°    | 400.8  | 404.1  | 403.4  | 402.1  | 403.4  | 404.1  | 400.8  | 401.4  | 399.5  | 396.8  | 394.1  |
| 62.5°  | 370.5  | 371.7  | 371.6  | 371.3  | 371.6  | 371.7  | 370.5  | 367.5  | 366.5  | 363.9  | 361.2  |
| 65°    | 323.8  | 325.1  | 323.1  | 325.1  | 323.1  | 325.1  | 323.8  | 321.8  | 317.2  | 315.8  | 313.2  |
| 67.5°  | 273.5  | 273.9  | 275.4  | 276.3  | 275.4  | 273.9  | 273.5  | 274.3  | 271.3  | 268.7  | 268.2  |
| 70°    | 242.2  | 241.5  | 243.5  | 245.5  | 243.5  | 241.5  | 242.2  | 240.9  | 238.9  | 236.9  | 234.2  |
| 72.5°  | 209.3  | 210.7  | 210.1  | 211.5  | 210.1  | 210.7  | 209.3  | 209.5  | 207.6  | 205.0  | 202.4  |
| 75°    | 161.2  | 163.2  | 162.6  | 164.6  | 162.6  | 163.2  | 161.2  | 162.6  | 161.2  | 158.6  | 155.9  |
| 77.5°  | 116.5  | 116.8  | 116.5  | 117.6  | 116.5  | 116.8  | 116.5  | 117.6  | 116.1  | 117.0  | 114.0  |
| 80°    | 88.9   | 87.6   | 86.3   | 88.9   | 86.3   | 87.6   | 88.9   | 88.9   | 86.9   | 88.9   | 86.9   |
| 82.5°  | 61.8   | 62.6   | 61.3   | 61.3   | 61.3   | 62.6   | 61.8   | 63.4   | 62.5   | 63.4   | 61.4   |
| 85°    | 28.5   | 27.9   | 26.5   | 26.5   | 26.5   | 27.9   | 28.5   | 28.5   | 30.5   | 29.2   | 29.2   |
| 87.5°  | 13.0   | 12.4   | 12.4   | 11.9   | 12.4   | 12.4   | 13.0   | 13.0   | 12.7   | 13.3   | 13.8   |
| 90°    | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   | 37.2   | 34.9   | 37.2   |
| 92.5°  | 69.0   | 65.3   | 66.2   | 64.4   | 66.2   | 65.3   | 69.0   | 69.9   | 77.1   | 86.9   | 101.3  |
| 95°    | 144.0  | 134.8  | 131.3  | 132.4  | 131.3  | 134.8  | 144.0  | 159.1  | 184.7  | 233.5  | 304.4  |
| 97.5°  | 316.0  | 287.4  | 270.4  | 260.7  | 270.4  | 287.4  | 316.0  | 371.5  | 455.4  | 581.1  | 710.2  |
| 100°   | 520.4  | 470.5  | 436.8  | 415.9  | 436.8  | 470.5  | 520.4  | 616.8  | 757.4  | 916.6  | 1060.6 |
| 102.5° | 887.5  | 802.3  | 760.2  | 731.9  | 760.2  | 802.3  | 887.5  | 992.3  | 1141.2 | 1257.6 | 1290.2 |
| 105°   | 1447.4 | 1375.4 | 1325.5 | 1309.2 | 1325.5 | 1375.4 | 1447.4 | 1519.5 | 1557.8 | 1542.7 | 1411.4 |
| 107.5° | 1707.9 | 1703.9 | 1693.9 | 1672.3 | 1693.9 | 1703.9 | 1707.9 | 1698.8 | 1642.6 | 1521.8 | 1324.1 |
| 110°   | 1750.6 | 1772.7 | 1783.2 | 1782.0 | 1783.2 | 1772.7 | 1750.6 | 1700.7 | 1605.4 | 1456.7 | 1248.8 |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1717.2 | 1754.1 | 1773.9 | 1780.1 | 1773.9 | 1754.1 | 1717.2 | 1647.7 | 1538.5 | 1379.6 | 1180.0 |
| 115°   | 1628.7 | 1682.1 | 1712.3 | 1722.8 | 1712.3 | 1682.1 | 1628.7 | 1546.2 | 1426.5 | 1274.4 | 1095.5 |
| 117.5° | 1523.2 | 1579.6 | 1611.5 | 1620.3 | 1611.5 | 1579.6 | 1523.2 | 1439.1 | 1326.9 | 1188.9 | 1031.8 |
| 120°   | 1454.4 | 1509.0 | 1542.7 | 1554.3 | 1542.7 | 1509.0 | 1454.4 | 1373.1 | 1267.4 | 1144.2 | 1000.2 |
| 122.5° | 1392.1 | 1445.8 | 1475.8 | 1485.5 | 1475.8 | 1445.8 | 1392.1 | 1319.2 | 1223.7 | 1107.1 | 975.1  |
| 125°   | 1315.0 | 1359.2 | 1388.2 | 1397.5 | 1388.2 | 1359.2 | 1315.0 | 1247.6 | 1160.5 | 1058.3 | 938.6  |
| 127.5° | 1246.5 | 1287.8 | 1312.9 | 1320.4 | 1312.9 | 1287.8 | 1246.5 | 1187.7 | 1107.3 | 1010.9 | 902.6  |
| 130°   | 1204.7 | 1244.2 | 1267.4 | 1276.7 | 1267.4 | 1244.2 | 1204.7 | 1147.7 | 1071.1 | 979.3  | 879.4  |
| 132.5° | 1161.9 | 1201.4 | 1222.8 | 1231.1 | 1222.8 | 1201.4 | 1161.9 | 1105.9 | 1033.9 | 949.6  | 857.1  |
| 135°   | 1094.3 | 1132.6 | 1153.5 | 1158.2 | 1153.5 | 1132.6 | 1094.3 | 1044.3 | 979.3  | 902.6  | 825.9  |
| 137.5° | 1028.3 | 1061.3 | 1079.7 | 1086.6 | 1079.7 | 1061.3 | 1028.3 | 982.8  | 926.1  | 865.2  | 801.1  |
| 140°   | 982.8  | 1013.0 | 1030.4 | 1037.4 | 1030.4 | 1013.0 | 982.8  | 945.6  | 894.5  | 841.1  | 785.3  |
| 142.5° | 943.7  | 971.2  | 986.7  | 988.1  | 986.7  | 971.2  | 943.7  | 908.4  | 865.7  | 819.7  | 772.3  |
| 145°   | 889.8  | 909.6  | 921.2  | 924.7  | 921.2  | 909.6  | 889.8  | 862.0  | 828.3  | 792.3  | 753.9  |
| 147.5° | 845.7  | 861.5  | 869.4  | 871.5  | 869.4  | 861.5  | 845.7  | 822.7  | 798.1  | 770.0  | 739.8  |
| 150°   | 817.8  | 831.8  | 838.7  | 839.9  | 838.7  | 831.8  | 817.8  | 800.4  | 779.5  | 755.1  | 729.5  |
| 152.5° | 795.5  | 807.6  | 812.7  | 812.9  | 812.7  | 807.6  | 795.5  | 781.8  | 763.7  | 743.0  | 719.3  |
| 155°   | 766.7  | 774.8  | 779.5  | 777.2  | 779.5  | 774.8  | 766.7  | 753.9  | 741.1  | 723.7  | 705.1  |
| 157.5° | 737.9  | 744.6  | 746.7  | 746.7  | 746.7  | 744.6  | 737.9  | 728.8  | 718.8  | 704.2  | 688.6  |
| 160°   | 720.2  | 726.0  | 727.2  | 727.2  | 727.2  | 726.0  | 720.2  | 712.1  | 704.0  | 691.2  | 678.4  |
| 162.5° | 704.4  | 708.4  | 709.5  | 708.6  | 709.5  | 708.4  | 704.4  | 696.3  | 690.0  | 679.1  | 668.2  |
| 165°   | 678.4  | 683.1  | 683.1  | 681.9  | 683.1  | 683.1  | 678.4  | 673.8  | 669.1  | 661.0  | 652.9  |
| 167.5° | 656.3  | 658.9  | 658.7  | 657.3  | 658.7  | 658.9  | 656.3  | 654.3  | 650.1  | 644.5  | 638.2  |
| 170°   | 642.4  | 645.9  | 644.7  | 642.4  | 644.7  | 645.9  | 642.4  | 641.2  | 638.9  | 634.3  | 630.8  |
| 172.5° | 631.3  | 632.9  | 631.7  | 630.3  | 631.7  | 632.9  | 631.3  | 630.1  | 628.7  | 625.0  | 622.4  |
| 175°   | 616.8  | 618.0  | 616.8  | 614.5  | 616.8  | 618.0  | 616.8  | 616.8  | 615.7  | 614.5  | 613.4  |
| 177.5° | 607.8  | 607.8  | 606.9  | 605.0  | 606.9  | 607.8  | 607.8  | 607.8  | 607.8  | 606.9  | 606.9  |
| 180°   | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1659.1 | 1665.0 | 1674.0 | 1683.6 | 1689.4 | 1700.5 | 1703.7 | 1709.0 | 1713.8 | 1725.0 | 1736.6 |
| 5°     | 1563.3 | 1572.6 | 1594.5 | 1606.4 | 1623.0 | 1642.3 | 1654.9 | 1668.2 | 1682.8 | 1708.0 | 1731.2 |
| 7.5°   | 1460.6 | 1476.1 | 1503.3 | 1525.6 | 1549.2 | 1576.9 | 1596.8 | 1623.0 | 1644.8 | 1680.4 | 1714.3 |
| 10°    | 1392.1 | 1414.0 | 1438.6 | 1465.1 | 1498.3 | 1527.5 | 1555.4 | 1588.5 | 1615.1 | 1657.5 | 1697.4 |
| 12.5°  | 1330.5 | 1333.9 | 1369.0 | 1398.2 | 1443.6 | 1479.7 | 1511.8 | 1554.6 | 1580.6 | 1631.0 | 1672.9 |
| 15°    | 1222.9 | 1242.8 | 1274.7 | 1297.9 | 1351.6 | 1397.4 | 1442.6 | 1487.0 | 1516.9 | 1579.2 | 1634.3 |
| 17.5°  | 1132.3 | 1150.6 | 1183.2 | 1221.3 | 1259.9 | 1305.5 | 1363.9 | 1410.7 | 1451.3 | 1522.6 | 1587.7 |
| 20°    | 1074.9 | 1097.5 | 1130.7 | 1169.8 | 1203.7 | 1253.4 | 1303.9 | 1357.6 | 1401.4 | 1481.7 | 1558.0 |
| 22.5°  | 1026.1 | 1043.9 | 1070.7 | 1109.3 | 1146.3 | 1191.9 | 1247.1 | 1305.6 | 1351.5 | 1438.2 | 1515.5 |
| 25°    | 957.5  | 972.1  | 989.3  | 1021.2 | 1063.0 | 1112.8 | 1155.9 | 1220.3 | 1287.3 | 1368.2 | 1461.8 |
| 27.5°  | 895.7  | 906.0  | 921.3  | 949.3  | 981.7  | 1028.2 | 1076.1 | 1137.2 | 1204.6 | 1292.5 | 1391.2 |
| 30°    | 858.0  | 864.6  | 879.9  | 903.1  | 934.9  | 971.4  | 1019.9 | 1078.3 | 1147.3 | 1236.2 | 1334.4 |
| 32.5°  | 825.1  | 831.2  | 841.1  | 863.3  | 890.9  | 922.1  | 965.7  | 1024.1 | 1089.9 | 1177.3 | 1286.1 |
| 35°    | 775.7  | 780.3  | 789.0  | 806.9  | 822.1  | 852.7  | 889.2  | 942.2  | 1003.9 | 1087.6 | 1200.4 |
| 37.5°  | 726.5  | 732.8  | 738.1  | 745.7  | 765.3  | 785.4  | 817.1  | 861.9  | 922.5  | 1006.9 | 1114.4 |
| 40°    | 694.1  | 699.4  | 707.3  | 710.7  | 726.6  | 744.5  | 770.4  | 811.5  | 872.6  | 949.5  | 1054.4 |
| 42.5°  | 661.2  | 666.5  | 671.2  | 675.1  | 688.9  | 704.7  | 727.9  | 763.2  | 817.4  | 892.2  | 996.0  |
| 45°    | 616.4  | 617.1  | 621.7  | 629.0  | 635.7  | 647.0  | 663.5  | 694.1  | 735.9  | 806.2  | 900.4  |
| 47.5°  | 571.0  | 571.8  | 572.6  | 575.8  | 583.1  | 593.3  | 604.4  | 629.2  | 666.6  | 722.7  | 814.4  |
| 50°    | 540.8  | 539.5  | 540.8  | 543.4  | 548.1  | 556.7  | 569.3  | 587.2  | 617.8  | 670.2  | 754.5  |
| 52.5°  | 511.6  | 511.3  | 510.5  | 511.6  | 515.2  | 521.1  | 530.0  | 545.3  | 572.6  | 620.8  | 695.0  |
| 55°    | 467.1  | 463.8  | 464.5  | 461.8  | 467.8  | 469.1  | 475.8  | 488.4  | 512.3  | 545.4  | 615.1  |
| 57.5°  | 419.8  | 417.0  | 414.1  | 413.3  | 412.7  | 416.3  | 421.6  | 431.6  | 449.9  | 478.9  | 535.5  |
| 60°    | 389.5  | 386.2  | 382.2  | 380.9  | 380.9  | 382.9  | 385.5  | 392.8  | 410.1  | 436.0  | 482.4  |
| 62.5°  | 358.7  | 354.9  | 352.5  | 349.0  | 348.0  | 350.0  | 352.6  | 357.8  | 370.3  | 394.5  | 434.6  |
| 65°    | 311.2  | 306.6  | 303.2  | 302.6  | 301.3  | 299.3  | 300.6  | 305.9  | 315.8  | 335.1  | 366.9  |
| 67.5°  | 263.6  | 259.2  | 258.4  | 254.5  | 252.7  | 252.9  | 252.7  | 257.2  | 263.2  | 279.8  | 303.5  |
| 70°    | 232.2  | 228.9  | 227.6  | 224.3  | 223.0  | 221.6  | 220.3  | 224.3  | 230.3  | 244.2  | 264.8  |
| 72.5°  | 200.4  | 197.6  | 194.7  | 191.9  | 192.2  | 190.8  | 190.6  | 193.0  | 197.9  | 210.7  | 226.5  |
| 75°    | 154.6  | 155.3  | 152.0  | 148.6  | 148.0  | 146.6  | 146.6  | 148.6  | 150.6  | 160.6  | 173.2  |
| 77.5°  | 112.1  | 111.6  | 108.8  | 107.8  | 107.1  | 105.6  | 107.1  | 108.4  | 109.5  | 116.1  | 125.4  |
| 80°    | 85.6   | 85.6   | 82.3   | 82.3   | 81.6   | 79.6   | 81.6   | 80.3   | 82.9   | 89.6   | 96.2   |
| 82.5°  | 61.2   | 60.1   | 60.0   | 58.9   | 58.8   | 57.3   | 58.3   | 59.6   | 60.6   | 65.2   | 69.1   |
| 85°    | 29.9   | 29.9   | 29.2   | 28.5   | 29.2   | 28.5   | 29.2   | 29.9   | 30.5   | 32.5   | 35.8   |
| 87.5°  | 14.0   | 14.8   | 15.1   | 14.2   | 12.6   | 12.0   | 11.8   | 11.9   | 12.5   | 12.1   | 11.9   |
| 90°    | 38.3   | 39.5   | 38.3   | 31.4   | 23.2   | 17.4   | 13.9   | 11.6   | 9.3    | 4.6    | 1.2    |
| 92.5°  | 127.6  | 151.0  | 148.9  | 115.9  | 79.0   | 52.7   | 41.8   | 33.9   | 28.8   | 20.4   | 14.2   |
| 95°    | 398.5  | 455.4  | 403.1  | 268.3  | 167.3  | 113.8  | 86.0   | 67.4   | 56.9   | 45.3   | 40.7   |
| 97.5°  | 815.5  | 777.4  | 585.5  | 361.5  | 220.7  | 153.6  | 122.0  | 100.6  | 84.8   | 72.5   | 66.2   |
| 100°   | 1085.0 | 917.7  | 631.9  | 381.0  | 239.3  | 177.7  | 145.2  | 122.0  | 103.4  | 92.9   | 89.4   |
| 102.5° | 1185.4 | 922.4  | 614.3  | 382.0  | 256.0  | 199.1  | 166.6  | 142.4  | 123.8  | 113.4  | 110.8  |
| 105°   | 1169.8 | 860.8  | 579.7  | 388.0  | 284.6  | 230.0  | 197.5  | 171.9  | 154.5  | 146.4  | 141.7  |
| 107.5° | 1067.8 | 794.8  | 562.5  | 404.0  | 313.9  | 260.9  | 228.2  | 202.8  | 186.8  | 178.9  | 175.2  |
| 110°   | 1003.7 | 763.2  | 558.8  | 417.0  | 333.4  | 282.3  | 248.6  | 224.2  | 209.1  | 202.1  | 197.5  |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 959.1 | 742.8 | 559.7 | 431.0 | 352.0 | 302.7 | 268.1 | 244.6 | 230.5 | 222.6 | 217.9 |
| 115°   | 903.8 | 720.2 | 564.6 | 451.9 | 381.0 | 331.1 | 299.7 | 276.5 | 262.5 | 255.6 | 249.8 |
| 117.5° | 868.9 | 709.3 | 572.9 | 474.2 | 407.7 | 361.5 | 329.0 | 306.7 | 294.4 | 287.4 | 282.8 |
| 120°   | 850.3 | 702.8 | 578.5 | 489.1 | 426.3 | 381.0 | 348.5 | 325.3 | 314.8 | 307.8 | 303.2 |
| 122.5° | 834.5 | 699.1 | 585.0 | 502.1 | 444.0 | 401.5 | 368.0 | 344.8 | 333.4 | 326.4 | 322.7 |
| 125°   | 812.0 | 692.4 | 594.8 | 522.8 | 470.5 | 428.7 | 396.1 | 372.9 | 359.0 | 352.0 | 348.5 |
| 127.5° | 791.1 | 688.4 | 604.8 | 542.0 | 495.1 | 454.4 | 421.0 | 398.7 | 383.4 | 373.6 | 368.9 |
| 130°   | 777.2 | 686.5 | 612.2 | 554.1 | 510.0 | 469.3 | 436.8 | 413.6 | 397.3 | 385.7 | 381.0 |
| 132.5° | 766.0 | 685.6 | 619.6 | 566.2 | 523.0 | 484.2 | 451.7 | 427.5 | 410.3 | 397.8 | 392.2 |
| 135°   | 750.4 | 684.2 | 628.5 | 582.0 | 541.3 | 504.2 | 471.6 | 444.9 | 427.5 | 413.6 | 408.9 |
| 137.5° | 739.5 | 684.0 | 636.4 | 594.1 | 556.2 | 519.5 | 489.3 | 462.8 | 444.2 | 430.3 | 424.7 |
| 140°   | 733.0 | 683.1 | 640.1 | 600.6 | 564.6 | 529.7 | 499.5 | 474.0 | 455.4 | 441.4 | 436.8 |
| 142.5° | 726.5 | 683.1 | 642.9 | 606.2 | 571.1 | 537.2 | 508.8 | 484.2 | 465.6 | 452.6 | 448.9 |
| 145°   | 717.9 | 680.7 | 645.9 | 613.4 | 580.8 | 549.5 | 523.9 | 500.7 | 483.3 | 471.6 | 467.0 |
| 147.5° | 709.1 | 676.6 | 646.8 | 617.3 | 588.7 | 559.2 | 536.5 | 517.2 | 501.1 | 490.0 | 486.5 |
| 150°   | 701.6 | 673.8 | 645.9 | 619.2 | 592.5 | 565.7 | 544.8 | 527.4 | 512.3 | 503.0 | 499.5 |
| 152.5° | 695.1 | 669.1 | 644.0 | 620.1 | 596.2 | 572.2 | 553.2 | 536.7 | 523.4 | 514.2 | 512.5 |
| 155°   | 683.1 | 661.0 | 641.2 | 621.5 | 601.7 | 582.0 | 564.6 | 551.8 | 539.0 | 532.0 | 530.9 |
| 157.5° | 671.7 | 652.6 | 635.9 | 621.5 | 605.7 | 589.0 | 574.3 | 564.1 | 553.0 | 547.4 | 546.2 |
| 160°   | 663.3 | 647.1 | 633.1 | 621.5 | 607.6 | 593.6 | 580.8 | 571.5 | 562.2 | 557.6 | 556.4 |
| 162.5° | 655.9 | 642.4 | 630.3 | 620.6 | 608.5 | 596.4 | 586.4 | 578.0 | 570.6 | 566.0 | 566.7 |
| 165°   | 643.6 | 633.1 | 625.0 | 618.0 | 609.9 | 599.4 | 592.5 | 586.6 | 579.7 | 577.4 | 578.5 |
| 167.5° | 631.5 | 625.0 | 619.6 | 616.4 | 609.6 | 602.0 | 597.6 | 593.4 | 589.0 | 586.9 | 588.3 |
| 170°   | 625.0 | 620.3 | 616.8 | 614.5 | 608.7 | 602.9 | 599.4 | 597.1 | 593.6 | 592.5 | 594.8 |
| 172.5° | 618.5 | 614.8 | 613.1 | 611.7 | 607.8 | 603.8 | 601.3 | 599.9 | 596.4 | 597.1 | 598.5 |
| 175°   | 609.9 | 608.7 | 607.6 | 608.7 | 606.4 | 604.1 | 602.9 | 602.9 | 600.6 | 601.7 | 602.9 |
| 177.5° | 605.0 | 604.1 | 605.0 | 606.9 | 605.0 | 604.1 | 604.1 | 604.1 | 602.2 | 603.1 | 605.0 |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 |





TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1735.6 | 1738.2 | 1746.7 | 1755.2 | 1764.8 | 1767.4 | 1771.7 | 1768.0 | 1766.9 | 1777.0 | 1784.4 |
| 5°     | 1740.5 | 1752.4 | 1775.7 | 1796.9 | 1814.8 | 1827.4 | 1840.7 | 1846.0 | 1855.9 | 1869.9 | 1887.1 |
| 7.5°   | 1734.9 | 1758.1 | 1794.6 | 1825.6 | 1859.3 | 1883.5 | 1902.5 | 1918.7 | 1938.4 | 1964.8 | 1993.6 |
| 10°    | 1728.5 | 1759.7 | 1804.2 | 1842.0 | 1883.1 | 1914.3 | 1940.2 | 1965.4 | 1994.6 | 2031.1 | 2068.9 |
| 12.5°  | 1716.9 | 1753.9 | 1809.5 | 1854.2 | 1907.0 | 1937.7 | 1972.6 | 2027.0 | 2058.3 | 2109.2 | 2162.4 |
| 15°    | 1693.4 | 1734.5 | 1812.1 | 1867.2 | 1926.9 | 1985.3 | 2049.7 | 2101.5 | 2153.2 | 2183.1 | 2258.1 |
| 17.5°  | 1658.5 | 1718.9 | 1804.8 | 1869.1 | 1945.0 | 2037.0 | 2109.3 | 2167.9 | 2227.7 | 2276.1 | 2313.7 |
| 20°    | 1630.3 | 1696.0 | 1794.2 | 1871.2 | 1961.4 | 2060.3 | 2143.3 | 2203.0 | 2254.7 | 2295.2 | 2318.4 |
| 22.5°  | 1594.8 | 1677.4 | 1773.0 | 1863.2 | 1978.4 | 2076.2 | 2163.4 | 2210.4 | 2253.7 | 2273.4 | 2282.3 |
| 25°    | 1538.8 | 1638.3 | 1746.5 | 1856.6 | 1986.7 | 2090.2 | 2169.8 | 2198.3 | 2210.9 | 2191.7 | 2159.8 |
| 27.5°  | 1478.4 | 1589.3 | 1715.8 | 1844.1 | 1981.6 | 2081.1 | 2138.2 | 2133.7 | 2112.3 | 2050.1 | 2000.3 |
| 30°    | 1433.3 | 1555.4 | 1691.4 | 1831.4 | 1969.4 | 2066.3 | 2099.5 | 2066.3 | 2017.8 | 1948.2 | 1877.2 |
| 32.5°  | 1386.0 | 1512.4 | 1665.4 | 1813.3 | 1947.1 | 2032.3 | 2039.5 | 1982.4 | 1907.4 | 1828.2 | 1739.7 |
| 35°    | 1314.5 | 1451.2 | 1616.4 | 1773.0 | 1899.7 | 1953.5 | 1921.6 | 1820.8 | 1731.9 | 1623.7 | 1502.9 |
| 37.5°  | 1233.7 | 1384.6 | 1550.3 | 1713.9 | 1828.7 | 1842.8 | 1763.7 | 1657.5 | 1532.1 | 1405.0 | 1262.9 |
| 40°    | 1173.2 | 1333.1 | 1503.6 | 1668.8 | 1770.3 | 1755.7 | 1654.9 | 1538.1 | 1388.8 | 1233.5 | 1101.5 |
| 42.5°  | 1119.0 | 1278.9 | 1452.6 | 1614.7 | 1696.0 | 1655.9 | 1538.1 | 1394.8 | 1234.3 | 1088.1 | 967.2  |
| 45°    | 1025.2 | 1189.7 | 1367.6 | 1524.2 | 1570.6 | 1498.3 | 1342.4 | 1183.1 | 1025.2 | 903.1  | 807.5  |
| 47.5°  | 934.1  | 1096.8 | 1272.9 | 1410.6 | 1427.0 | 1329.7 | 1159.3 | 995.5  | 859.7  | 760.3  | 692.9  |
| 50°    | 867.3  | 1030.5 | 1205.0 | 1327.8 | 1322.4 | 1205.0 | 1029.8 | 873.9  | 760.4  | 680.1  | 635.0  |
| 52.5°  | 807.3  | 961.5  | 1129.1 | 1240.7 | 1212.6 | 1084.5 | 917.3  | 778.9  | 685.6  | 622.8  | 581.9  |
| 55°    | 714.0  | 856.6  | 1015.9 | 1105.5 | 1053.7 | 911.7  | 770.4  | 658.9  | 589.9  | 542.8  | 510.9  |
| 57.5°  | 621.3  | 755.1  | 891.4  | 946.6  | 889.4  | 758.3  | 640.5  | 559.6  | 507.7  | 472.8  | 452.1  |
| 60°    | 564.0  | 680.8  | 802.2  | 850.0  | 781.7  | 664.9  | 572.0  | 499.7  | 457.8  | 429.3  | 410.7  |
| 62.5°  | 506.7  | 611.3  | 725.8  | 751.8  | 689.3  | 590.6  | 508.3  | 448.2  | 413.8  | 388.4  | 370.9  |
| 65°    | 428.7  | 514.2  | 601.2  | 618.4  | 560.7  | 484.4  | 419.4  | 380.2  | 349.7  | 331.1  | 317.2  |
| 67.5°  | 351.5  | 420.3  | 481.9  | 495.8  | 445.2  | 392.3  | 345.3  | 311.2  | 290.5  | 275.1  | 263.3  |
| 70°    | 305.9  | 360.3  | 410.7  | 422.0  | 381.5  | 334.4  | 298.6  | 271.4  | 252.8  | 239.5  | 228.3  |
| 72.5°  | 257.6  | 303.0  | 344.9  | 352.5  | 319.4  | 283.5  | 254.0  | 232.6  | 216.2  | 207.7  | 196.9  |
| 75°    | 197.1  | 223.6  | 256.1  | 258.1  | 236.2  | 214.3  | 191.8  | 177.8  | 169.2  | 158.6  | 153.3  |
| 77.5°  | 139.1  | 159.9  | 178.5  | 182.1  | 169.1  | 154.2  | 141.6  | 130.6  | 123.3  | 118.4  | 113.5  |
| 80°    | 106.2  | 122.8  | 130.7  | 135.4  | 126.1  | 115.5  | 108.2  | 100.9  | 96.2   | 92.9   | 89.6   |
| 82.5°  | 75.9   | 86.1   | 93.6   | 97.1   | 92.1   | 85.7   | 78.4   | 74.3   | 70.7   | 67.9   | 66.8   |
| 85°    | 38.5   | 43.1   | 47.8   | 49.1   | 47.8   | 45.1   | 41.1   | 41.1   | 39.1   | 38.5   | 38.5   |
| 87.5°  | 14.2   | 17.3   | 17.7   | 19.8   | 19.4   | 20.6   | 22.2   | 23.1   | 22.8   | 22.0   | 21.2   |
| 90°    | 4.6    | 9.3    | 11.6   | 13.9   | 17.4   | 23.2   | 31.4   | 38.3   | 39.5   | 38.3   | 37.2   |
| 92.5°  | 20.4   | 28.8   | 33.9   | 41.8   | 52.7   | 79.0   | 115.9  | 148.9  | 151.0  | 127.6  | 101.3  |
| 95°    | 45.3   | 56.9   | 67.4   | 86.0   | 113.8  | 167.3  | 268.3  | 403.1  | 455.4  | 398.5  | 304.4  |
| 97.5°  | 72.5   | 84.8   | 100.6  | 122.0  | 153.6  | 220.7  | 361.5  | 585.5  | 777.4  | 815.5  | 710.2  |
| 100°   | 92.9   | 103.4  | 122.0  | 145.2  | 177.7  | 239.3  | 381.0  | 631.9  | 917.7  | 1085.0 | 1060.6 |
| 102.5° | 113.4  | 123.8  | 142.4  | 166.6  | 199.1  | 256.0  | 382.0  | 614.3  | 922.4  | 1185.4 | 1290.2 |
| 105°   | 146.4  | 154.5  | 171.9  | 197.5  | 230.0  | 284.6  | 388.0  | 579.7  | 860.8  | 1169.8 | 1411.4 |
| 107.5° | 178.9  | 186.8  | 202.8  | 228.2  | 260.9  | 313.9  | 404.0  | 562.5  | 794.8  | 1067.8 | 1324.1 |
| 110°   | 202.1  | 209.1  | 224.2  | 248.6  | 282.3  | 333.4  | 417.0  | 558.8  | 763.2  | 1003.7 | 1248.8 |





TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 222.6 | 230.5 | 244.6 | 268.1 | 302.7 | 352.0 | 431.0 | 559.7 | 742.8 | 959.1 | 1180.0 |
| 115°   | 255.6 | 262.5 | 276.5 | 299.7 | 331.1 | 381.0 | 451.9 | 564.6 | 720.2 | 903.8 | 1095.5 |
| 117.5° | 287.4 | 294.4 | 306.7 | 329.0 | 361.5 | 407.7 | 474.2 | 572.9 | 709.3 | 868.9 | 1031.8 |
| 120°   | 307.8 | 314.8 | 325.3 | 348.5 | 381.0 | 426.3 | 489.1 | 578.5 | 702.8 | 850.3 | 1000.2 |
| 122.5° | 326.4 | 333.4 | 344.8 | 368.0 | 401.5 | 444.0 | 502.1 | 585.0 | 699.1 | 834.5 | 975.1  |
| 125°   | 352.0 | 359.0 | 372.9 | 396.1 | 428.7 | 470.5 | 522.8 | 594.8 | 692.4 | 812.0 | 938.6  |
| 127.5° | 373.6 | 383.4 | 398.7 | 421.0 | 454.4 | 495.1 | 542.0 | 604.8 | 688.4 | 791.1 | 902.6  |
| 130°   | 385.7 | 397.3 | 413.6 | 436.8 | 469.3 | 510.0 | 554.1 | 612.2 | 686.5 | 777.2 | 879.4  |
| 132.5° | 397.8 | 410.3 | 427.5 | 451.7 | 484.2 | 523.0 | 566.2 | 619.6 | 685.6 | 766.0 | 857.1  |
| 135°   | 413.6 | 427.5 | 444.9 | 471.6 | 504.2 | 541.3 | 582.0 | 628.5 | 684.2 | 750.4 | 825.9  |
| 137.5° | 430.3 | 444.2 | 462.8 | 489.3 | 519.5 | 556.2 | 594.1 | 636.4 | 684.0 | 739.5 | 801.1  |
| 140°   | 441.4 | 455.4 | 474.0 | 499.5 | 529.7 | 564.6 | 600.6 | 640.1 | 683.1 | 733.0 | 785.3  |
| 142.5° | 452.6 | 465.6 | 484.2 | 508.8 | 537.2 | 571.1 | 606.2 | 642.9 | 683.1 | 726.5 | 772.3  |
| 145°   | 471.6 | 483.3 | 500.7 | 523.9 | 549.5 | 580.8 | 613.4 | 645.9 | 680.7 | 717.9 | 753.9  |
| 147.5° | 490.0 | 501.1 | 517.2 | 536.5 | 559.2 | 588.7 | 617.3 | 646.8 | 676.6 | 709.1 | 739.8  |
| 150°   | 503.0 | 512.3 | 527.4 | 544.8 | 565.7 | 592.5 | 619.2 | 645.9 | 673.8 | 701.6 | 729.5  |
| 152.5° | 514.2 | 523.4 | 536.7 | 553.2 | 572.2 | 596.2 | 620.1 | 644.0 | 669.1 | 695.1 | 719.3  |
| 155°   | 532.0 | 539.0 | 551.8 | 564.6 | 582.0 | 601.7 | 621.5 | 641.2 | 661.0 | 683.1 | 705.1  |
| 157.5° | 547.4 | 553.0 | 564.1 | 574.3 | 589.0 | 605.7 | 621.5 | 635.9 | 652.6 | 671.7 | 688.6  |
| 160°   | 557.6 | 562.2 | 571.5 | 580.8 | 593.6 | 607.6 | 621.5 | 633.1 | 647.1 | 663.3 | 678.4  |
| 162.5° | 566.0 | 570.6 | 578.0 | 586.4 | 596.4 | 608.5 | 620.6 | 630.3 | 642.4 | 655.9 | 668.2  |
| 165°   | 577.4 | 579.7 | 586.6 | 592.5 | 599.4 | 609.9 | 618.0 | 625.0 | 633.1 | 643.6 | 652.9  |
| 167.5° | 586.9 | 589.0 | 593.4 | 597.6 | 602.0 | 609.6 | 616.4 | 619.6 | 625.0 | 631.5 | 638.2  |
| 170°   | 592.5 | 593.6 | 597.1 | 599.4 | 602.9 | 608.7 | 614.5 | 616.8 | 620.3 | 625.0 | 630.8  |
| 172.5° | 597.1 | 596.4 | 599.9 | 601.3 | 603.8 | 607.8 | 611.7 | 613.1 | 614.8 | 618.5 | 622.4  |
| 175°   | 601.7 | 600.6 | 602.9 | 602.9 | 604.1 | 606.4 | 608.7 | 607.6 | 608.7 | 609.9 | 613.4  |
| 177.5° | 603.1 | 602.2 | 604.1 | 604.1 | 604.1 | 605.0 | 606.9 | 605.0 | 604.1 | 605.0 | 606.9  |
| 180°   | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1 | 604.1  |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 | 1726.5 |
| 2.5°   | 1790.8 | 1798.2 | 1798.2 | 1799.3 | 1807.8 | 1806.7 | 1806.2 |
| 5°     | 1905.7 | 1917.0 | 1918.3 | 1930.3 | 1938.2 | 1935.6 | 1928.3 |
| 7.5°   | 2014.1 | 2035.1 | 2051.0 | 2059.9 | 2070.4 | 2076.9 | 2074.0 |
| 10°    | 2100.1 | 2130.6 | 2149.2 | 2161.8 | 2177.1 | 2188.4 | 2184.4 |
| 12.5°  | 2178.2 | 2214.5 | 2240.0 | 2261.6 | 2263.6 | 2278.1 | 2268.3 |
| 15°    | 2299.9 | 2338.3 | 2342.3 | 2358.2 | 2370.9 | 2369.5 | 2370.2 |
| 17.5°  | 2340.1 | 2352.4 | 2354.9 | 2355.3 | 2355.5 | 2350.8 | 2340.7 |
| 20°    | 2325.7 | 2321.1 | 2309.8 | 2301.2 | 2285.9 | 2283.9 | 2270.7 |
| 22.5°  | 2257.8 | 2243.1 | 2214.8 | 2196.1 | 2172.3 | 2166.1 | 2162.4 |
| 25°    | 2124.0 | 2091.5 | 2046.4 | 2003.2 | 1991.3 | 1968.1 | 1974.7 |
| 27.5°  | 1940.5 | 1889.8 | 1840.9 | 1805.9 | 1774.2 | 1739.4 | 1749.4 |
| 30°    | 1811.5 | 1754.4 | 1685.4 | 1632.3 | 1598.5 | 1565.3 | 1559.3 |
| 32.5°  | 1657.5 | 1573.9 | 1497.0 | 1450.2 | 1398.4 | 1377.4 | 1354.4 |
| 35°    | 1392.1 | 1310.5 | 1234.2 | 1168.5 | 1130.7 | 1101.5 | 1074.9 |
| 37.5°  | 1153.4 | 1059.4 | 997.8  | 944.6  | 917.3  | 900.6  | 904.8  |
| 40°    | 1005.3 | 923.0  | 877.9  | 837.4  | 812.2  | 800.2  | 802.9  |
| 42.5°  | 885.3  | 823.7  | 786.6  | 758.8  | 741.0  | 734.4  | 732.8  |
| 45°    | 749.1  | 714.6  | 684.1  | 668.2  | 659.6  | 652.3  | 647.6  |
| 47.5°  | 656.2  | 628.1  | 610.9  | 601.4  | 593.9  | 586.4  | 586.3  |
| 50°    | 600.5  | 581.9  | 570.0  | 560.0  | 554.1  | 548.8  | 553.4  |
| 52.5°  | 558.0  | 541.1  | 529.1  | 520.2  | 518.0  | 513.2  | 513.1  |
| 55°    | 495.0  | 481.7  | 473.1  | 465.1  | 461.2  | 458.5  | 455.2  |
| 57.5°  | 437.7  | 425.1  | 417.1  | 412.1  | 404.5  | 401.8  | 400.8  |
| 60°    | 396.8  | 386.8  | 378.9  | 372.2  | 368.9  | 363.6  | 363.6  |
| 62.5°  | 359.1  | 349.2  | 341.7  | 336.7  | 331.2  | 329.1  | 329.7  |
| 65°    | 304.6  | 296.6  | 289.3  | 284.0  | 282.7  | 278.7  | 280.0  |
| 67.5°  | 254.4  | 249.1  | 241.4  | 238.5  | 236.0  | 233.8  | 232.2  |
| 70°    | 221.0  | 215.7  | 211.7  | 207.7  | 205.7  | 205.7  | 205.7  |
| 72.5°  | 192.8  | 186.5  | 184.1  | 179.0  | 180.2  | 178.1  | 176.0  |
| 75°    | 149.3  | 145.3  | 143.3  | 141.3  | 138.0  | 138.0  | 138.0  |
| 77.5°  | 109.9  | 108.7  | 106.3  | 104.2  | 103.4  | 102.7  | 103.0  |
| 80°    | 84.9   | 84.3   | 82.9   | 82.9   | 81.6   | 81.0   | 79.6   |
| 82.5°  | 65.3   | 63.6   | 62.8   | 62.2   | 62.0   | 61.8   | 61.6   |
| 85°    | 37.2   | 35.8   | 35.8   | 36.5   | 35.2   | 35.2   | 35.8   |
| 87.5°  | 21.3   | 21.8   | 21.5   | 21.5   | 22.0   | 21.5   | 21.5   |
| 90°    | 34.9   | 37.2   | 38.3   | 38.3   | 38.3   | 38.3   | 38.3   |
| 92.5°  | 86.9   | 77.1   | 69.9   | 69.0   | 65.3   | 66.2   | 64.4   |
| 95°    | 233.5  | 184.7  | 159.1  | 144.0  | 134.8  | 131.3  | 132.4  |
| 97.5°  | 581.1  | 455.4  | 371.5  | 316.0  | 287.4  | 270.4  | 260.7  |
| 100°   | 916.6  | 757.4  | 616.8  | 520.4  | 470.5  | 436.8  | 415.9  |
| 102.5° | 1257.6 | 1141.2 | 992.3  | 887.5  | 802.3  | 760.2  | 731.9  |
| 105°   | 1542.7 | 1557.8 | 1519.5 | 1447.4 | 1375.4 | 1325.5 | 1309.2 |
| 107.5° | 1521.8 | 1642.6 | 1698.8 | 1707.9 | 1703.9 | 1693.9 | 1672.3 |
| 110°   | 1456.7 | 1605.4 | 1700.7 | 1750.6 | 1772.7 | 1783.2 | 1782.0 |



TEST NUMBER: P331413

CATALOG NUMBER: SA2XXDIP-C865D1080U835-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1379.6 | 1538.5 | 1647.7 | 1717.2 | 1754.1 | 1773.9 | 1780.1 |
| 115°   | 1274.4 | 1426.5 | 1546.2 | 1628.7 | 1682.1 | 1712.3 | 1722.8 |
| 117.5° | 1188.9 | 1326.9 | 1439.1 | 1523.2 | 1579.6 | 1611.5 | 1620.3 |
| 120°   | 1144.2 | 1267.4 | 1373.1 | 1454.4 | 1509.0 | 1542.7 | 1554.3 |
| 122.5° | 1107.1 | 1223.7 | 1319.2 | 1392.1 | 1445.8 | 1475.8 | 1485.5 |
| 125°   | 1058.3 | 1160.5 | 1247.6 | 1315.0 | 1359.2 | 1388.2 | 1397.5 |
| 127.5° | 1010.9 | 1107.3 | 1187.7 | 1246.5 | 1287.8 | 1312.9 | 1320.4 |
| 130°   | 979.3  | 1071.1 | 1147.7 | 1204.7 | 1244.2 | 1267.4 | 1276.7 |
| 132.5° | 949.6  | 1033.9 | 1105.9 | 1161.9 | 1201.4 | 1222.8 | 1231.1 |
| 135°   | 902.6  | 979.3  | 1044.3 | 1094.3 | 1132.6 | 1153.5 | 1158.2 |
| 137.5° | 865.2  | 926.1  | 982.8  | 1028.3 | 1061.3 | 1079.7 | 1086.6 |
| 140°   | 841.1  | 894.5  | 945.6  | 982.8  | 1013.0 | 1030.4 | 1037.4 |
| 142.5° | 819.7  | 865.7  | 908.4  | 943.7  | 971.2  | 986.7  | 988.1  |
| 145°   | 792.3  | 828.3  | 862.0  | 889.8  | 909.6  | 921.2  | 924.7  |
| 147.5° | 770.0  | 798.1  | 822.7  | 845.7  | 861.5  | 869.4  | 871.5  |
| 150°   | 755.1  | 779.5  | 800.4  | 817.8  | 831.8  | 838.7  | 839.9  |
| 152.5° | 743.0  | 763.7  | 781.8  | 795.5  | 807.6  | 812.7  | 812.9  |
| 155°   | 723.7  | 741.1  | 753.9  | 766.7  | 774.8  | 779.5  | 777.2  |
| 157.5° | 704.2  | 718.8  | 728.8  | 737.9  | 744.6  | 746.7  | 746.7  |
| 160°   | 691.2  | 704.0  | 712.1  | 720.2  | 726.0  | 727.2  | 727.2  |
| 162.5° | 679.1  | 690.0  | 696.3  | 704.4  | 708.4  | 709.5  | 708.6  |
| 165°   | 661.0  | 669.1  | 673.8  | 678.4  | 683.1  | 683.1  | 681.9  |
| 167.5° | 644.5  | 650.1  | 654.3  | 656.3  | 658.9  | 658.7  | 657.3  |
| 170°   | 634.3  | 638.9  | 641.2  | 642.4  | 645.9  | 644.7  | 642.4  |
| 172.5° | 625.0  | 628.7  | 630.1  | 631.3  | 632.9  | 631.7  | 630.3  |
| 175°   | 614.5  | 615.7  | 616.8  | 616.8  | 618.0  | 616.8  | 614.5  |
| 177.5° | 606.9  | 607.8  | 607.8  | 607.8  | 607.8  | 606.9  | 605.0  |
| 180°   | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  | 604.1  |

(END OF REPORT)