

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: P332330-940

Luminaire Tested: **S123RDIP-S1000D365U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332330-940  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-S1000D365U940-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 365 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4824.1 lumens  
Efficiency: N/A  
Efficacy: 110.9 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: Semi-Direct

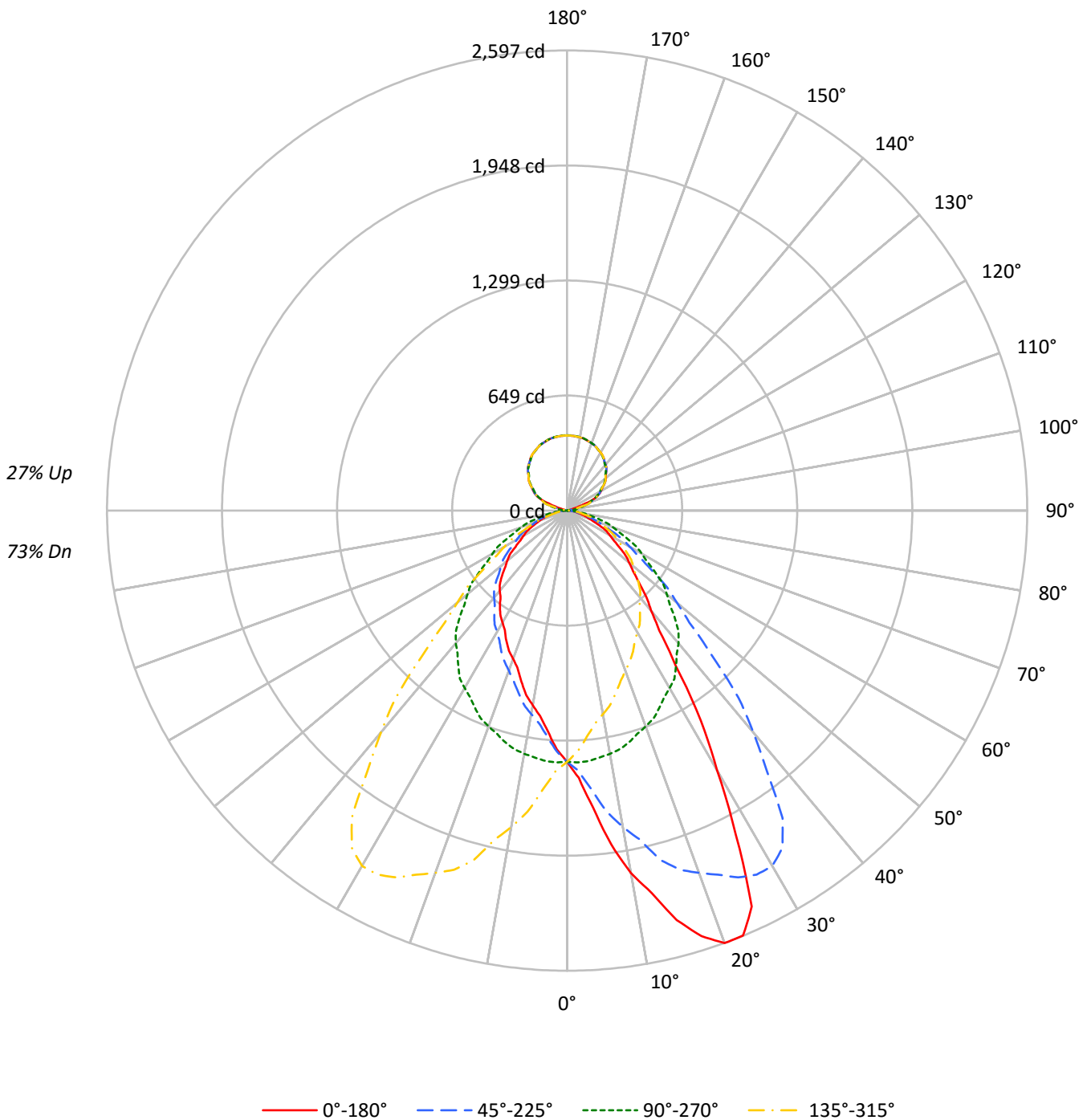
Input Watts (W): 43.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332330-940

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### Luminous Intensity Polar Plot





TEST NUMBER: P332330-940

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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   | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 96 | 96 | 96 | 86 | 86 | 86 | 77 | 77 | 77 | 73 |
| 1   | 104 | 100 | 96  | 93  | 98  | 95  | 92  | 89  | 86 | 83 | 81 | 77 | 76 | 74 | 70 | 68 | 67 | 63 |
| 2   | 95  | 88  | 82  | 77  | 90  | 84  | 79  | 74  | 76 | 72 | 69 | 69 | 66 | 63 | 62 | 60 | 58 | 54 |
| 3   | 88  | 78  | 71  | 65  | 83  | 75  | 68  | 63  | 68 | 63 | 59 | 62 | 58 | 54 | 56 | 53 | 50 | 47 |
| 4   | 81  | 70  | 62  | 56  | 76  | 67  | 60  | 54  | 61 | 55 | 51 | 56 | 51 | 47 | 51 | 47 | 44 | 41 |
| 5   | 74  | 63  | 55  | 49  | 70  | 60  | 53  | 47  | 55 | 49 | 44 | 50 | 46 | 42 | 46 | 42 | 39 | 36 |
| 6   | 69  | 57  | 49  | 43  | 65  | 55  | 47  | 42  | 50 | 44 | 39 | 46 | 41 | 37 | 42 | 38 | 35 | 32 |
| 7   | 64  | 52  | 44  | 38  | 61  | 50  | 42  | 37  | 46 | 40 | 35 | 42 | 37 | 33 | 39 | 34 | 31 | 29 |
| 8   | 60  | 47  | 39  | 34  | 57  | 45  | 38  | 33  | 42 | 36 | 32 | 39 | 34 | 30 | 36 | 31 | 28 | 26 |
| 9   | 56  | 43  | 36  | 31  | 53  | 42  | 35  | 30  | 39 | 33 | 29 | 36 | 31 | 27 | 33 | 29 | 26 | 24 |
| 10  | 52  | 40  | 33  | 28  | 50  | 39  | 32  | 27  | 36 | 30 | 26 | 33 | 28 | 25 | 31 | 26 | 23 | 22 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15259 | 15259 | 15259 | 15259 |
| 5°  | 18189 | 15324 | 13493 | 15324 |
| 10° | 22710 | 15235 | 12191 | 15235 |
| 15° | 26658 | 15081 | 11117 | 15081 |
| 20° | 29751 | 14848 | 10204 | 14848 |
| 25° | 29276 | 14602 | 9644  | 14602 |
| 30° | 21044 | 14375 | 9066  | 14375 |
| 35° | 14051 | 14082 | 8692  | 14082 |
| 40° | 10352 | 13728 | 8304  | 13728 |
| 45° | 8683  | 13108 | 7926  | 13108 |
| 50° | 7661  | 12295 | 7398  | 12295 |
| 55° | 6718  | 11365 | 6673  | 11365 |
| 60° | 5983  | 10478 | 6114  | 10478 |
| 65° | 5254  | 9521  | 5687  | 9521  |
| 70° | 4126  | 8670  | 5196  | 8670  |
| 75° | 3635  | 7573  | 4741  | 7573  |
| 80° | 3161  | 6434  | 4668  | 6434  |
| 85° | 2544  | 5175  | 4940  | 5175  |



TEST NUMBER: P332330-940

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 139.4  | 2.9       |
| 10°-20°   | 435.5  | 9.0       |
| 20°-30°   | 684.2  | 14.2      |
| 30°-40°   | 713.8  | 14.8      |
| 40°-50°   | 610.9  | 12.7      |
| 50°-60°   | 465.6  | 9.7       |
| 60°-70°   | 298.4  | 6.2       |
| 70°-80°   | 143.6  | 3.0       |
| 80°-90°   | 39.2   | 0.8       |
| 90°-100°  | 15.4   | 0.3       |
| 100°-110° | 73.5   | 1.5       |
| 110°-120° | 176.5  | 3.7       |
| 120°-130° | 224.8  | 4.7       |
| 130°-140° | 240.2  | 5.0       |
| 140°-150° | 224.6  | 4.7       |
| 150°-160° | 181.2  | 3.8       |
| 160°-170° | 116.9  | 2.4       |
| 170°-180° | 40.3   | 0.8       |
| 0°-30°    | 1259.1 | 26.1      |
| 0°-40°    | 1973.0 | 40.9      |
| 0°-60°    | 3049.5 | 63.2      |
| 0°-90°    | 3530.7 | 73.2      |
| 90°-120°  | 265.4  | 5.5       |
| 90°-150°  | 955.0  | 19.8      |
| 90°-180°  | 1293.0 | 26.8      |
| 0°-180°   | 4824.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1418 | 1418 | 1418 | 1418 | 1418 |      |
| 5°   | 1683 | 1418 | 1249 | 1418 | 1683 | 174  |
| 15°  | 2392 | 1353 | 998  | 1353 | 2392 | 678  |
| 25°  | 2465 | 1230 | 812  | 1230 | 2465 | 1059 |
| 35°  | 1069 | 1072 | 662  | 1072 | 1069 | 701  |
| 45°  | 570  | 861  | 521  | 861  | 570  | 449  |
| 55°  | 358  | 606  | 356  | 606  | 358  | 324  |
| 65°  | 206  | 374  | 223  | 374  | 206  | 203  |
| 75°  | 87   | 182  | 114  | 182  | 87   | 94   |
| 85°  | 21   | 42   | 40   | 42   | 21   | 24   |
| 90°  | 10   | 0    | 10   | 0    | 10   | 5    |
| 95°  | 12   | 19   | 12   | 19   | 12   | 10   |
| 105° | 14   | 94   | 14   | 94   | 14   | 32   |
| 115° | 185  | 176  | 185  | 176  | 185  | 171  |
| 125° | 253  | 248  | 253  | 248  | 253  | 226  |
| 135° | 312  | 309  | 312  | 309  | 312  | 241  |
| 145° | 360  | 357  | 360  | 357  | 360  | 225  |
| 155° | 392  | 393  | 392  | 393  | 392  | 181  |
| 165° | 413  | 414  | 413  | 414  | 413  | 117  |
| 175° | 423  | 424  | 423  | 424  | 423  | 40   |
| 180° | 424  | 424  | 424  | 424  | 424  |      |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1509.8 | 1511.7 | 1505.5 | 1504.5 | 1497.2 | 1495.2 | 1495.2 | 1485.1 | 1478.7 | 1470.5 | 1465.6 |
| 5°     | 1683.4 | 1693.1 | 1688.2 | 1677.3 | 1659.1 | 1654.8 | 1643.3 | 1625.1 | 1604.5 | 1579.0 | 1566.8 |
| 7.5°   | 1900.1 | 1913.3 | 1908.3 | 1891.4 | 1872.3 | 1856.9 | 1824.4 | 1794.2 | 1751.9 | 1714.7 | 1682.9 |
| 10°    | 2077.8 | 2063.9 | 2052.9 | 2036.6 | 2018.9 | 1990.4 | 1956.4 | 1909.7 | 1855.7 | 1813.2 | 1765.9 |
| 12.5°  | 2210.8 | 2208.5 | 2194.7 | 2177.8 | 2152.9 | 2125.8 | 2084.1 | 2027.2 | 1964.4 | 1903.1 | 1848.9 |
| 15°    | 2392.2 | 2395.8 | 2386.7 | 2369.1 | 2333.9 | 2286.0 | 2222.9 | 2199.2 | 2109.3 | 2042.6 | 1975.9 |
| 17.5°  | 2517.7 | 2516.9 | 2515.7 | 2491.4 | 2455.4 | 2421.3 | 2362.8 | 2300.5 | 2219.2 | 2125.1 | 2035.2 |
| 20°    | 2597.3 | 2591.2 | 2592.4 | 2565.1 | 2538.4 | 2498.9 | 2442.0 | 2351.5 | 2284.7 | 2176.1 | 2083.3 |
| 22.5°  | 2595.3 | 2594.1 | 2598.7 | 2589.3 | 2570.0 | 2539.8 | 2494.8 | 2418.5 | 2333.3 | 2223.7 | 2119.2 |
| 25°    | 2465.0 | 2460.1 | 2488.7 | 2496.5 | 2527.5 | 2532.9 | 2519.6 | 2477.7 | 2397.0 | 2284.1 | 2154.9 |
| 27.5°  | 2063.0 | 2060.3 | 2113.3 | 2179.5 | 2263.5 | 2328.8 | 2391.9 | 2422.4 | 2397.0 | 2316.2 | 2186.7 |
| 30°    | 1693.1 | 1750.2 | 1776.8 | 1872.7 | 1979.5 | 2106.9 | 2218.6 | 2324.8 | 2350.9 | 2315.7 | 2209.5 |
| 32.5°  | 1405.7 | 1455.5 | 1477.7 | 1560.0 | 1659.6 | 1808.8 | 1976.4 | 2126.7 | 2232.9 | 2259.9 | 2195.9 |
| 35°    | 1069.3 | 1069.9 | 1120.8 | 1157.3 | 1249.5 | 1403.0 | 1565.7 | 1767.1 | 1967.4 | 2119.1 | 2134.8 |
| 37.5°  | 853.2  | 856.2  | 887.1  | 923.4  | 992.6  | 1073.7 | 1216.9 | 1384.5 | 1615.8 | 1848.7 | 1985.2 |
| 40°    | 736.7  | 742.2  | 765.3  | 801.0  | 850.8  | 912.0  | 1023.8 | 1181.5 | 1374.5 | 1633.6 | 1845.4 |
| 42.5°  | 661.9  | 670.8  | 682.7  | 710.2  | 741.1  | 798.4  | 888.8  | 1010.7 | 1186.2 | 1431.2 | 1675.5 |
| 45°    | 570.4  | 575.2  | 584.4  | 597.1  | 625.0  | 665.1  | 725.8  | 807.7  | 953.3  | 1150.6 | 1395.1 |
| 47.5°  | 503.2  | 500.6  | 510.2  | 520.6  | 539.1  | 566.4  | 607.1  | 674.0  | 777.8  | 936.1  | 1143.5 |
| 50°    | 457.5  | 456.9  | 463.6  | 471.5  | 489.1  | 509.2  | 542.5  | 592.9  | 675.4  | 806.5  | 996.4  |
| 52.5°  | 414.8  | 417.1  | 421.9  | 431.7  | 444.4  | 460.6  | 490.5  | 526.8  | 597.7  | 710.9  | 869.2  |
| 55°    | 358.0  | 359.9  | 366.5  | 372.0  | 381.1  | 397.4  | 416.3  | 446.7  | 495.2  | 574.1  | 704.5  |
| 57.5°  | 310.0  | 309.2  | 315.6  | 316.9  | 327.2  | 340.5  | 355.1  | 378.7  | 413.8  | 472.5  | 560.4  |
| 60°    | 277.9  | 276.1  | 281.6  | 285.8  | 291.3  | 302.2  | 314.3  | 337.4  | 365.3  | 408.4  | 483.7  |
| 62.5°  | 248.8  | 248.0  | 252.0  | 256.2  | 260.7  | 270.6  | 280.9  | 298.5  | 320.7  | 357.0  | 416.7  |
| 65°    | 206.3  | 208.1  | 210.0  | 211.8  | 214.2  | 220.3  | 230.0  | 242.1  | 257.3  | 282.8  | 325.8  |
| 67.5°  | 162.1  | 164.0  | 164.6  | 168.4  | 173.5  | 177.4  | 183.2  | 194.0  | 204.6  | 226.1  | 250.7  |
| 70°    | 131.1  | 130.5  | 131.1  | 132.9  | 139.6  | 146.2  | 154.2  | 162.0  | 168.7  | 183.9  | 204.5  |
| 72.5°  | 112.6  | 111.6  | 113.2  | 113.5  | 116.7  | 118.6  | 123.6  | 131.0  | 139.6  | 149.9  | 164.7  |
| 75°    | 87.4   | 87.4   | 87.4   | 87.4   | 89.8   | 91.0   | 92.8   | 94.7   | 97.7   | 102.5  | 113.5  |
| 77.5°  | 64.6   | 64.6   | 65.5   | 66.2   | 66.6   | 67.3   | 68.5   | 70.3   | 71.3   | 73.9   | 78.6   |
| 80°    | 51.0   | 51.5   | 51.0   | 51.5   | 51.5   | 52.8   | 53.4   | 55.2   | 55.8   | 58.9   | 60.7   |
| 82.5°  | 38.3   | 38.0   | 38.3   | 39.0   | 39.0   | 40.2   | 40.3   | 41.6   | 41.7   | 43.3   | 45.1   |
| 85°    | 20.6   | 19.4   | 20.6   | 20.1   | 21.2   | 20.1   | 20.6   | 21.8   | 21.8   | 22.5   | 24.9   |
| 87.5°  | 6.8    | 7.7    | 6.7    | 7.1    | 7.1    | 7.6    | 7.5    | 7.5    | 8.4    | 7.8    | 8.1    |
| 90°    | 9.5    | 9.3    | 9.2    | 9.0    | 8.9    | 8.6    | 8.4    | 8.1    | 7.8    | 7.6    | 6.7    |
| 92.5°  | 10.4   | 10.3   | 10.3   | 10.2   | 10.2   | 9.9    | 9.5    | 9.0    | 8.5    | 8.0    | 7.4    |
| 95°    | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.8   | 11.2   | 10.8   | 10.3   | 9.8    | 9.0    |
| 97.5°  | 13.0   | 12.9   | 12.8   | 12.8   | 12.7   | 12.4   | 11.9   | 11.2   | 10.7   | 10.2   | 15.2   |
| 100°   | 13.2   | 13.2   | 13.1   | 13.0   | 12.9   | 12.7   | 12.0   | 11.5   | 11.0   | 10.4   | 21.3   |
| 102.5° | 13.5   | 13.4   | 13.2   | 13.1   | 13.0   | 13.8   | 15.5   | 17.3   | 19.0   | 20.8   | 32.6   |
| 105°   | 13.8   | 13.7   | 13.6   | 13.5   | 13.3   | 19.4   | 31.8   | 44.2   | 56.6   | 69.0   | 75.3   |
| 107.5° | 43.5   | 52.9   | 62.2   | 71.6   | 80.9   | 90.2   | 99.2   | 108.3  | 117.3  | 126.4  | 125.5  |
| 110°   | 86.7   | 96.7   | 106.6  | 116.7  | 126.7  | 132.9  | 135.2  | 137.5  | 139.8  | 142.1  | 141.3  |



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CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 148.6 | 150.8 | 152.9 | 155.0 | 157.1 | 158.2 | 158.1 | 158.1 | 158.0 | 158.0 | 157.2 |
| 115°   | 185.3 | 185.0 | 184.8 | 184.4 | 184.1 | 183.7 | 183.0 | 182.3 | 181.6 | 180.8 | 180.2 |
| 117.5° | 205.8 | 205.8 | 205.7 | 205.6 | 205.6 | 205.3 | 204.7 | 204.2 | 203.6 | 203.0 | 202.8 |
| 120°   | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 219.6 | 219.1 | 218.6 | 218.0 | 217.4 | 217.2 |
| 122.5° | 233.8 | 233.7 | 233.7 | 233.6 | 233.5 | 233.4 | 233.0 | 232.6 | 232.2 | 231.8 | 231.5 |
| 125°   | 253.3 | 253.2 | 253.1 | 252.9 | 252.8 | 252.6 | 252.5 | 252.4 | 252.3 | 252.1 | 251.8 |
| 127.5° | 272.2 | 272.2 | 272.4 | 272.5 | 272.7 | 272.7 | 272.4 | 272.2 | 272.0 | 271.7 | 271.4 |
| 130°   | 284.2 | 284.4 | 284.5 | 284.6 | 284.8 | 284.7 | 284.5 | 284.2 | 283.8 | 283.6 | 283.3 |
| 132.5° | 295.3 | 295.5 | 295.7 | 295.9 | 296.1 | 296.0 | 295.8 | 295.5 | 295.2 | 295.0 | 294.7 |
| 135°   | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.1 | 312.9 | 312.7 | 312.5 | 312.3 | 312.0 |
| 137.5° | 328.2 | 328.3 | 328.5 | 328.6 | 328.8 | 328.7 | 328.3 | 328.0 | 327.7 | 327.3 | 327.2 |
| 140°   | 337.8 | 338.0 | 338.0 | 338.2 | 338.3 | 338.3 | 338.0 | 337.7 | 337.4 | 337.2 | 337.0 |
| 142.5° | 346.6 | 346.8 | 347.0 | 347.2 | 347.4 | 347.4 | 347.1 | 347.0 | 346.7 | 346.5 | 346.3 |
| 145°   | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.1 | 360.0 | 359.8 | 359.7 | 359.5 | 359.4 |
| 147.5° | 370.2 | 370.6 | 370.9 | 371.2 | 371.6 | 371.7 | 371.5 | 371.3 | 371.2 | 371.0 | 371.0 |
| 150°   | 377.8 | 378.0 | 378.3 | 378.4 | 378.6 | 378.7 | 378.5 | 378.4 | 378.3 | 378.1 | 378.0 |
| 152.5° | 383.9 | 384.1 | 384.5 | 384.9 | 385.1 | 385.2 | 385.0 | 384.7 | 384.4 | 384.1 | 384.1 |
| 155°   | 392.3 | 392.7 | 393.2 | 393.6 | 394.0 | 394.0 | 393.7 | 393.3 | 393.0 | 392.6 | 392.5 |
| 157.5° | 399.4 | 399.9 | 400.6 | 401.1 | 401.6 | 401.7 | 401.3 | 400.8 | 400.4 | 400.0 | 400.0 |
| 160°   | 403.9 | 404.5 | 404.9 | 405.5 | 405.9 | 406.0 | 405.6 | 405.1 | 404.7 | 404.3 | 404.4 |
| 162.5° | 408.2 | 408.7 | 409.1 | 409.6 | 410.0 | 409.9 | 409.5 | 409.0 | 408.5 | 408.0 | 408.1 |
| 165°   | 413.4 | 413.9 | 414.4 | 414.9 | 415.4 | 415.4 | 414.8 | 414.2 | 413.7 | 413.1 | 413.1 |
| 167.5° | 417.1 | 417.7 | 418.2 | 418.8 | 419.4 | 419.4 | 418.8 | 418.2 | 417.7 | 417.1 | 417.1 |
| 170°   | 419.4 | 420.0 | 420.5 | 421.1 | 421.6 | 421.6 | 421.1 | 420.5 | 420.0 | 419.4 | 419.4 |
| 172.5° | 420.6 | 421.2 | 421.9 | 422.5 | 423.1 | 423.1 | 422.6 | 422.0 | 421.5 | 420.9 | 420.9 |
| 175°   | 422.6 | 423.1 | 423.7 | 424.3 | 424.8 | 424.8 | 424.4 | 423.8 | 423.4 | 422.8 | 422.8 |
| 177.5° | 423.1 | 423.7 | 424.3 | 424.8 | 425.3 | 425.4 | 425.0 | 424.5 | 424.1 | 423.7 | 423.6 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1463.7 | 1462.2 | 1455.5 | 1447.7 | 1437.4 | 1430.7 | 1425.3 | 1422.5 | 1413.7 | 1403.0 | 1395.7 |
| 5°     | 1554.1 | 1535.9 | 1516.5 | 1492.8 | 1471.0 | 1448.5 | 1434.6 | 1418.2 | 1398.1 | 1375.7 | 1359.9 |
| 7.5°   | 1651.0 | 1615.2 | 1576.8 | 1537.1 | 1497.9 | 1462.8 | 1431.6 | 1405.1 | 1373.1 | 1341.0 | 1318.4 |
| 10°    | 1725.3 | 1673.0 | 1619.1 | 1563.8 | 1513.4 | 1466.2 | 1429.7 | 1393.9 | 1355.7 | 1318.7 | 1290.8 |
| 12.5°  | 1792.7 | 1724.0 | 1661.8 | 1593.9 | 1529.5 | 1472.9 | 1420.5 | 1378.4 | 1332.4 | 1292.9 | 1261.1 |
| 15°    | 1878.1 | 1807.8 | 1732.5 | 1629.3 | 1543.8 | 1472.2 | 1408.5 | 1353.3 | 1297.4 | 1248.8 | 1217.9 |
| 17.5°  | 1958.0 | 1852.1 | 1751.0 | 1664.9 | 1553.7 | 1464.3 | 1386.5 | 1320.4 | 1259.2 | 1207.7 | 1169.7 |
| 20°    | 1991.0 | 1888.5 | 1778.6 | 1668.8 | 1559.6 | 1459.5 | 1369.0 | 1296.2 | 1232.5 | 1174.2 | 1139.1 |
| 22.5°  | 2010.9 | 1894.8 | 1779.1 | 1661.1 | 1545.0 | 1441.0 | 1351.6 | 1271.5 | 1202.4 | 1147.0 | 1103.6 |
| 25°    | 2034.1 | 1895.8 | 1768.4 | 1651.8 | 1533.5 | 1420.6 | 1314.4 | 1229.5 | 1154.9 | 1095.9 | 1049.8 |
| 27.5°  | 2049.4 | 1886.7 | 1736.1 | 1606.5 | 1486.5 | 1374.1 | 1276.8 | 1186.7 | 1111.0 | 1048.7 | 999.3  |
| 30°    | 2052.4 | 1879.4 | 1711.3 | 1571.1 | 1449.1 | 1345.9 | 1242.8 | 1156.6 | 1076.6 | 1010.4 | 964.3  |
| 32.5°  | 2056.2 | 1861.4 | 1677.8 | 1528.8 | 1404.0 | 1301.8 | 1208.4 | 1126.1 | 1044.0 | 978.8  | 931.7  |
| 35°    | 2040.2 | 1851.5 | 1626.9 | 1455.8 | 1330.8 | 1231.9 | 1147.5 | 1071.7 | 991.0  | 927.8  | 879.9  |
| 37.5°  | 1971.2 | 1812.0 | 1574.2 | 1373.5 | 1242.8 | 1151.2 | 1082.4 | 1016.4 | 942.3  | 874.2  | 829.0  |
| 40°    | 1901.8 | 1773.2 | 1533.5 | 1323.5 | 1187.0 | 1092.9 | 1031.0 | 977.0  | 905.4  | 841.7  | 793.2  |
| 42.5°  | 1798.4 | 1720.3 | 1494.7 | 1271.0 | 1123.8 | 1033.2 | 981.0  | 930.4  | 867.5  | 802.8  | 757.2  |
| 45°    | 1608.7 | 1619.1 | 1415.1 | 1187.6 | 1036.4 | 945.5  | 896.3  | 861.1  | 805.3  | 751.9  | 705.2  |
| 47.5°  | 1370.8 | 1467.3 | 1321.8 | 1098.6 | 944.3  | 858.9  | 815.9  | 785.2  | 747.6  | 695.2  | 652.6  |
| 50°    | 1215.5 | 1353.3 | 1247.1 | 1038.9 | 886.6  | 801.6  | 759.1  | 734.2  | 701.5  | 660.2  | 619.6  |
| 52.5°  | 1072.3 | 1220.2 | 1156.7 | 972.4  | 823.9  | 746.3  | 704.8  | 684.3  | 658.3  | 619.5  | 582.6  |
| 55°    | 874.4  | 1024.3 | 1009.8 | 872.0  | 730.0  | 660.2  | 628.7  | 605.6  | 588.0  | 558.9  | 529.8  |
| 57.5°  | 707.3  | 849.4  | 856.9  | 760.4  | 647.3  | 578.3  | 551.2  | 533.8  | 522.3  | 500.2  | 473.3  |
| 60°    | 602.0  | 732.5  | 758.0  | 685.1  | 588.0  | 527.4  | 500.6  | 486.7  | 477.6  | 459.9  | 439.3  |
| 62.5°  | 514.6  | 625.6  | 654.5  | 602.1  | 531.2  | 474.4  | 453.5  | 440.1  | 433.9  | 418.7  | 400.6  |
| 65°    | 393.9  | 486.1  | 514.0  | 484.8  | 447.8  | 402.3  | 385.3  | 373.8  | 368.4  | 359.9  | 346.5  |
| 67.5°  | 296.1  | 363.4  | 394.0  | 373.4  | 360.1  | 331.4  | 320.6  | 314.3  | 309.5  | 303.6  | 292.5  |
| 70°    | 237.9  | 287.7  | 319.2  | 313.7  | 302.8  | 287.7  | 279.7  | 275.5  | 270.6  | 265.8  | 256.1  |
| 72.5°  | 191.3  | 225.5  | 255.1  | 257.9  | 249.0  | 245.9  | 239.0  | 237.2  | 234.3  | 228.5  | 223.1  |
| 75°    | 126.8  | 150.5  | 171.1  | 179.1  | 182.6  | 185.7  | 182.6  | 182.1  | 181.5  | 176.6  | 173.5  |
| 77.5°  | 83.1   | 95.9   | 108.9  | 122.3  | 128.0  | 132.2  | 133.1  | 135.4  | 133.8  | 131.2  | 129.7  |
| 80°    | 63.8   | 66.8   | 75.9   | 87.4   | 96.5   | 100.1  | 102.5  | 103.8  | 103.2  | 102.5  | 100.1  |
| 82.5°  | 46.3   | 48.8   | 53.1   | 61.2   | 68.8   | 74.9   | 76.3   | 76.1   | 77.4   | 77.8   | 75.9   |
| 85°    | 24.9   | 25.5   | 26.7   | 27.9   | 32.2   | 38.9   | 40.7   | 41.9   | 43.1   | 43.1   | 39.4   |
| 87.5°  | 8.9    | 8.3    | 9.0    | 8.9    | 10.2   | 10.5   | 13.3   | 15.6   | 16.2   | 14.4   | 14.5   |
| 90°    | 5.7    | 4.8    | 3.9    | 3.1    | 2.4    | 1.7    | 1.0    | 0.4    | 1.0    | 1.7    | 2.4    |
| 92.5°  | 6.7    | 6.0    | 5.4    | 5.1    | 5.3    | 5.4    | 5.7    | 5.9    | 5.7    | 5.4    | 5.3    |
| 95°    | 8.2    | 7.5    | 6.7    | 7.8    | 10.6   | 13.5   | 16.3   | 19.3   | 16.3   | 13.5   | 10.6   |
| 97.5°  | 20.2   | 25.2   | 30.3   | 33.4   | 34.8   | 36.0   | 37.4   | 38.6   | 37.4   | 36.0   | 34.8   |
| 100°   | 32.3   | 43.2   | 54.1   | 58.9   | 57.4   | 56.1   | 54.7   | 53.2   | 54.7   | 56.1   | 57.4   |
| 102.5° | 44.6   | 56.5   | 68.5   | 73.9   | 72.9   | 71.9   | 70.9   | 69.9   | 70.9   | 71.9   | 72.9   |
| 105°   | 81.6   | 87.9   | 94.3   | 97.0   | 96.2   | 95.4   | 94.7   | 93.9   | 94.7   | 95.4   | 96.2   |
| 107.5° | 124.5  | 123.5  | 122.5  | 121.7  | 121.1  | 120.5  | 119.8  | 119.2  | 119.8  | 120.5  | 121.1  |
| 110°   | 140.5  | 139.8  | 139.0  | 138.4  | 137.8  | 137.2  | 136.7  | 136.2  | 136.7  | 137.2  | 137.8  |





TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 156.5 | 155.7 | 154.9 | 154.3 | 153.7 | 153.3 | 152.8 | 152.2 | 152.8 | 153.3 | 153.7 |
| 115°   | 179.6 | 179.0 | 178.3 | 177.8 | 177.4 | 177.0 | 176.6 | 176.1 | 176.6 | 177.0 | 177.4 |
| 117.5° | 202.4 | 202.1 | 201.8 | 201.3 | 200.8 | 200.3 | 199.8 | 199.3 | 199.8 | 200.3 | 200.8 |
| 120°   | 217.0 | 216.8 | 216.6 | 216.2 | 215.5 | 214.9 | 214.3 | 213.7 | 214.3 | 214.9 | 215.5 |
| 122.5° | 231.2 | 231.0 | 230.7 | 230.3 | 229.8 | 229.3 | 228.8 | 228.3 | 228.8 | 229.3 | 229.8 |
| 125°   | 251.6 | 251.3 | 250.9 | 250.6 | 249.9 | 249.4 | 248.9 | 248.3 | 248.9 | 249.4 | 249.9 |
| 127.5° | 271.1 | 270.7 | 270.4 | 269.9 | 269.4 | 268.9 | 268.3 | 267.7 | 268.3 | 268.9 | 269.4 |
| 130°   | 283.0 | 282.8 | 282.5 | 282.0 | 281.5 | 280.9 | 280.4 | 279.8 | 280.4 | 280.9 | 281.5 |
| 132.5° | 294.5 | 294.3 | 294.0 | 293.6 | 293.1 | 292.6 | 291.9 | 291.4 | 291.9 | 292.6 | 293.1 |
| 135°   | 311.7 | 311.4 | 311.1 | 310.8 | 310.4 | 310.0 | 309.5 | 309.2 | 309.5 | 310.0 | 310.4 |
| 137.5° | 327.0 | 326.9 | 326.7 | 326.4 | 325.8 | 325.3 | 324.8 | 324.2 | 324.8 | 325.3 | 325.8 |
| 140°   | 336.7 | 336.5 | 336.4 | 336.0 | 335.6 | 335.2 | 334.7 | 334.3 | 334.7 | 335.2 | 335.6 |
| 142.5° | 346.1 | 345.9 | 345.6 | 345.4 | 344.9 | 344.5 | 344.1 | 343.7 | 344.1 | 344.5 | 344.9 |
| 145°   | 359.3 | 359.1 | 359.0 | 358.6 | 358.2 | 357.7 | 357.2 | 356.7 | 357.2 | 357.7 | 358.2 |
| 147.5° | 370.8 | 370.7 | 370.5 | 370.2 | 370.0 | 369.6 | 369.3 | 369.0 | 369.3 | 369.6 | 370.0 |
| 150°   | 377.8 | 377.7 | 377.6 | 377.4 | 377.2 | 376.9 | 376.7 | 376.6 | 376.7 | 376.9 | 377.2 |
| 152.5° | 384.0 | 383.9 | 383.9 | 383.7 | 383.6 | 383.5 | 383.4 | 383.3 | 383.4 | 383.5 | 383.6 |
| 155°   | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 392.8 | 393.0 | 392.8 | 392.6 | 392.5 |
| 157.5° | 400.1 | 400.2 | 400.3 | 400.3 | 400.3 | 400.4 | 400.4 | 400.4 | 400.4 | 400.4 | 400.3 |
| 160°   | 404.4 | 404.5 | 404.6 | 404.7 | 404.7 | 404.7 | 404.8 | 404.9 | 404.8 | 404.7 | 404.7 |
| 162.5° | 408.2 | 408.2 | 408.3 | 408.5 | 408.7 | 408.8 | 409.0 | 409.2 | 409.0 | 408.8 | 408.7 |
| 165°   | 413.2 | 413.3 | 413.4 | 413.5 | 413.8 | 413.9 | 414.1 | 414.4 | 414.1 | 413.9 | 413.8 |
| 167.5° | 417.1 | 417.1 | 417.1 | 417.2 | 417.6 | 417.9 | 418.1 | 418.4 | 418.1 | 417.9 | 417.6 |
| 170°   | 419.4 | 419.4 | 419.4 | 419.5 | 419.8 | 420.1 | 420.4 | 420.6 | 420.4 | 420.1 | 419.8 |
| 172.5° | 420.8 | 420.7 | 420.7 | 420.8 | 421.2 | 421.5 | 421.9 | 422.1 | 421.9 | 421.5 | 421.2 |
| 175°   | 422.8 | 422.7 | 422.6 | 422.8 | 423.1 | 423.4 | 423.7 | 424.1 | 423.7 | 423.4 | 423.1 |
| 177.5° | 423.5 | 423.5 | 423.4 | 423.5 | 423.8 | 424.1 | 424.4 | 424.6 | 424.4 | 424.1 | 423.8 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1393.3 | 1387.0 | 1382.6 | 1372.9 | 1366.6 | 1359.8 | 1353.0 | 1357.4 | 1356.9 | 1356.4 | 1356.4 |
| 5°     | 1346.6 | 1332.6 | 1319.9 | 1303.5 | 1293.2 | 1280.4 | 1270.7 | 1269.5 | 1271.9 | 1263.5 | 1258.6 |
| 7.5°   | 1300.2 | 1281.1 | 1263.1 | 1245.0 | 1225.8 | 1210.5 | 1201.0 | 1196.4 | 1190.3 | 1185.0 | 1179.6 |
| 10°    | 1267.7 | 1245.3 | 1227.6 | 1205.1 | 1184.5 | 1166.4 | 1154.9 | 1146.9 | 1142.6 | 1138.4 | 1130.5 |
| 12.5°  | 1234.2 | 1212.2 | 1189.8 | 1164.4 | 1144.8 | 1123.6 | 1115.0 | 1106.2 | 1098.1 | 1093.2 | 1082.4 |
| 15°    | 1185.2 | 1156.6 | 1133.0 | 1106.3 | 1084.4 | 1063.8 | 1051.7 | 1034.0 | 1031.6 | 1025.6 | 1014.7 |
| 17.5°  | 1136.0 | 1105.0 | 1072.4 | 1052.7 | 1028.0 | 1006.5 | 988.0  | 982.1  | 964.7  | 958.2  | 948.7  |
| 20°    | 1097.2 | 1068.6 | 1043.7 | 1017.7 | 981.9  | 961.8  | 947.3  | 939.4  | 925.4  | 916.9  | 910.9  |
| 22.5°  | 1063.6 | 1034.7 | 1005.9 | 975.4  | 945.9  | 923.5  | 912.8  | 900.5  | 892.9  | 881.0  | 874.4  |
| 25°    | 1015.8 | 984.3  | 949.7  | 916.9  | 895.7  | 878.7  | 861.7  | 850.8  | 839.9  | 834.4  | 822.2  |
| 27.5°  | 960.3  | 927.3  | 894.9  | 870.0  | 844.0  | 827.2  | 811.8  | 802.1  | 789.0  | 779.8  | 773.1  |
| 30°    | 929.7  | 890.8  | 862.9  | 840.4  | 807.1  | 791.3  | 779.8  | 767.7  | 758.0  | 748.2  | 741.5  |
| 32.5°  | 894.2  | 858.8  | 832.3  | 804.6  | 778.9  | 761.7  | 746.8  | 736.1  | 727.8  | 718.6  | 711.9  |
| 35°    | 838.7  | 809.0  | 781.6  | 753.7  | 734.9  | 717.3  | 699.7  | 690.5  | 682.7  | 674.2  | 668.2  |
| 37.5°  | 788.4  | 760.6  | 734.7  | 708.2  | 684.8  | 670.6  | 656.4  | 649.4  | 638.7  | 633.0  | 626.9  |
| 40°    | 757.3  | 730.0  | 702.1  | 676.6  | 652.4  | 641.4  | 628.7  | 618.4  | 608.7  | 604.4  | 597.7  |
| 42.5°  | 723.4  | 696.1  | 672.5  | 645.1  | 625.2  | 610.4  | 598.6  | 587.3  | 580.1  | 573.8  | 570.1  |
| 45°    | 673.0  | 648.7  | 625.6  | 598.3  | 579.5  | 566.8  | 553.4  | 543.1  | 536.5  | 532.2  | 525.5  |
| 47.5°  | 624.1  | 599.8  | 576.4  | 552.6  | 534.4  | 519.8  | 506.5  | 499.3  | 490.4  | 485.3  | 480.7  |
| 50°    | 588.6  | 566.8  | 541.9  | 520.0  | 501.9  | 487.3  | 476.4  | 467.3  | 459.4  | 452.7  | 449.7  |
| 52.5°  | 556.1  | 532.8  | 511.3  | 491.0  | 471.7  | 455.2  | 445.3  | 435.7  | 429.8  | 422.1  | 418.6  |
| 55°    | 502.5  | 480.0  | 461.8  | 441.8  | 422.9  | 409.0  | 396.9  | 388.3  | 382.3  | 373.8  | 369.0  |
| 57.5°  | 452.1  | 431.9  | 410.2  | 392.9  | 373.4  | 361.7  | 351.6  | 340.1  | 332.7  | 326.0  | 321.3  |
| 60°    | 418.1  | 395.0  | 376.2  | 359.9  | 342.9  | 327.7  | 318.6  | 309.5  | 301.6  | 294.9  | 290.7  |
| 62.5°  | 382.6  | 362.6  | 344.6  | 326.8  | 311.3  | 298.1  | 287.5  | 279.9  | 273.0  | 268.7  | 264.5  |
| 65°    | 328.3  | 312.5  | 294.4  | 279.7  | 265.2  | 255.5  | 247.0  | 240.3  | 235.4  | 232.4  | 228.8  |
| 67.5°  | 278.3  | 263.0  | 247.1  | 232.8  | 223.1  | 215.7  | 210.1  | 204.4  | 202.0  | 198.0  | 195.6  |
| 70°    | 245.8  | 230.0  | 216.1  | 205.1  | 195.4  | 189.9  | 186.3  | 182.1  | 179.6  | 174.8  | 172.4  |
| 72.5°  | 210.4  | 198.9  | 188.9  | 179.9  | 172.1  | 167.1  | 162.5  | 157.3  | 153.4  | 148.0  | 145.6  |
| 75°    | 165.7  | 155.3  | 147.5  | 141.4  | 136.5  | 129.8  | 123.1  | 117.7  | 115.9  | 114.0  | 113.5  |
| 77.5°  | 122.7  | 116.2  | 110.5  | 105.3  | 99.2   | 94.4   | 93.0   | 91.8   | 91.4   | 90.4   | 90.4   |
| 80°    | 96.5   | 90.4   | 86.1   | 80.1   | 76.4   | 76.4   | 76.4   | 75.3   | 75.9   | 75.9   | 75.9   |
| 82.5°  | 71.7   | 66.2   | 63.8   | 61.6   | 60.9   | 61.4   | 61.4   | 61.6   | 61.3   | 62.2   | 61.8   |
| 85°    | 37.0   | 37.6   | 38.9   | 38.3   | 38.9   | 38.9   | 40.0   | 39.4   | 40.0   | 38.9   | 40.0   |
| 87.5°  | 14.2   | 15.9   | 16.5   | 17.2   | 17.8   | 17.6   | 18.1   | 18.1   | 18.6   | 18.7   | 18.7   |
| 90°    | 3.1    | 3.9    | 4.8    | 5.7    | 6.7    | 7.6    | 7.8    | 8.1    | 8.4    | 8.6    | 8.9    |
| 92.5°  | 5.1    | 5.4    | 6.0    | 6.7    | 7.4    | 8.0    | 8.5    | 9.0    | 9.5    | 9.9    | 10.2   |
| 95°    | 7.8    | 6.7    | 7.5    | 8.2    | 9.0    | 9.8    | 10.3   | 10.8   | 11.2   | 11.8   | 11.9   |
| 97.5°  | 33.4   | 30.3   | 25.2   | 20.2   | 15.2   | 10.2   | 10.7   | 11.2   | 11.9   | 12.4   | 12.7   |
| 100°   | 58.9   | 54.1   | 43.2   | 32.3   | 21.3   | 10.4   | 11.0   | 11.5   | 12.0   | 12.7   | 12.9   |
| 102.5° | 73.9   | 68.5   | 56.5   | 44.6   | 32.6   | 20.8   | 19.0   | 17.3   | 15.5   | 13.8   | 13.0   |
| 105°   | 97.0   | 94.3   | 87.9   | 81.6   | 75.3   | 69.0   | 56.6   | 44.2   | 31.8   | 19.4   | 13.3   |
| 107.5° | 121.7  | 122.5  | 123.5  | 124.5  | 125.5  | 126.4  | 117.3  | 108.3  | 99.2   | 90.2   | 80.9   |
| 110°   | 138.4  | 139.0  | 139.8  | 140.5  | 141.3  | 142.1  | 139.8  | 137.5  | 135.2  | 132.9  | 126.7  |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 154.3 | 154.9 | 155.7 | 156.5 | 157.2 | 158.0 | 158.0 | 158.1 | 158.1 | 158.2 | 157.1 |
| 115°   | 177.8 | 178.3 | 179.0 | 179.6 | 180.2 | 180.8 | 181.6 | 182.3 | 183.0 | 183.7 | 184.1 |
| 117.5° | 201.3 | 201.8 | 202.1 | 202.4 | 202.8 | 203.0 | 203.6 | 204.2 | 204.7 | 205.3 | 205.6 |
| 120°   | 216.2 | 216.6 | 216.8 | 217.0 | 217.2 | 217.4 | 218.0 | 218.6 | 219.1 | 219.6 | 220.0 |
| 122.5° | 230.3 | 230.7 | 231.0 | 231.2 | 231.5 | 231.8 | 232.2 | 232.6 | 233.0 | 233.4 | 233.5 |
| 125°   | 250.6 | 250.9 | 251.3 | 251.6 | 251.8 | 252.1 | 252.3 | 252.4 | 252.5 | 252.6 | 252.8 |
| 127.5° | 269.9 | 270.4 | 270.7 | 271.1 | 271.4 | 271.7 | 272.0 | 272.2 | 272.4 | 272.7 | 272.7 |
| 130°   | 282.0 | 282.5 | 282.8 | 283.0 | 283.3 | 283.6 | 283.8 | 284.2 | 284.5 | 284.7 | 284.8 |
| 132.5° | 293.6 | 294.0 | 294.3 | 294.5 | 294.7 | 295.0 | 295.2 | 295.5 | 295.8 | 296.0 | 296.1 |
| 135°   | 310.8 | 311.1 | 311.4 | 311.7 | 312.0 | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.1 |
| 137.5° | 326.4 | 326.7 | 326.9 | 327.0 | 327.2 | 327.3 | 327.7 | 328.0 | 328.3 | 328.7 | 328.8 |
| 140°   | 336.0 | 336.4 | 336.5 | 336.7 | 337.0 | 337.2 | 337.4 | 337.7 | 338.0 | 338.3 | 338.3 |
| 142.5° | 345.4 | 345.6 | 345.9 | 346.1 | 346.3 | 346.5 | 346.7 | 347.0 | 347.1 | 347.4 | 347.4 |
| 145°   | 358.6 | 359.0 | 359.1 | 359.3 | 359.4 | 359.5 | 359.7 | 359.8 | 360.0 | 360.1 | 360.2 |
| 147.5° | 370.2 | 370.5 | 370.7 | 370.8 | 371.0 | 371.0 | 371.2 | 371.3 | 371.5 | 371.7 | 371.6 |
| 150°   | 377.4 | 377.6 | 377.7 | 377.8 | 378.0 | 378.1 | 378.3 | 378.4 | 378.5 | 378.7 | 378.6 |
| 152.5° | 383.7 | 383.9 | 383.9 | 384.0 | 384.1 | 384.1 | 384.4 | 384.7 | 385.0 | 385.2 | 385.1 |
| 155°   | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 393.0 | 393.3 | 393.7 | 394.0 | 394.0 |
| 157.5° | 400.3 | 400.3 | 400.2 | 400.1 | 400.0 | 400.0 | 400.4 | 400.8 | 401.3 | 401.7 | 401.6 |
| 160°   | 404.7 | 404.6 | 404.5 | 404.4 | 404.4 | 404.3 | 404.7 | 405.1 | 405.6 | 406.0 | 405.9 |
| 162.5° | 408.5 | 408.3 | 408.2 | 408.2 | 408.1 | 408.0 | 408.5 | 409.0 | 409.5 | 409.9 | 410.0 |
| 165°   | 413.5 | 413.4 | 413.3 | 413.2 | 413.1 | 413.1 | 413.7 | 414.2 | 414.8 | 415.4 | 415.4 |
| 167.5° | 417.2 | 417.1 | 417.1 | 417.1 | 417.1 | 417.1 | 417.7 | 418.2 | 418.8 | 419.4 | 419.4 |
| 170°   | 419.5 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 420.0 | 420.5 | 421.1 | 421.6 | 421.6 |
| 172.5° | 420.8 | 420.7 | 420.7 | 420.8 | 420.9 | 420.9 | 421.5 | 422.0 | 422.6 | 423.1 | 423.1 |
| 175°   | 422.8 | 422.6 | 422.7 | 422.8 | 422.8 | 422.8 | 423.4 | 423.8 | 424.4 | 424.8 | 424.8 |
| 177.5° | 423.5 | 423.4 | 423.5 | 423.5 | 423.6 | 423.7 | 424.1 | 424.5 | 425.0 | 425.4 | 425.3 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1350.6 | 1350.1 | 1350.6 | 1348.6 | 1350.6 | 1350.1 | 1350.6 | 1356.4 | 1356.4 | 1356.9 | 1357.4 |
| 5°     | 1256.8 | 1256.2 | 1254.4 | 1248.8 | 1254.4 | 1256.2 | 1256.8 | 1258.6 | 1263.5 | 1271.9 | 1269.5 |
| 7.5°   | 1174.8 | 1174.0 | 1168.7 | 1168.8 | 1168.7 | 1174.0 | 1174.8 | 1179.6 | 1185.0 | 1190.3 | 1196.4 |
| 10°    | 1126.3 | 1126.9 | 1119.6 | 1115.4 | 1119.6 | 1126.9 | 1126.3 | 1130.5 | 1138.4 | 1142.6 | 1146.9 |
| 12.5°  | 1079.2 | 1076.4 | 1070.6 | 1065.9 | 1070.6 | 1076.4 | 1079.2 | 1082.4 | 1093.2 | 1098.1 | 1106.2 |
| 15°    | 1017.1 | 1011.0 | 996.4  | 997.6  | 996.4  | 1011.0 | 1017.1 | 1014.7 | 1025.6 | 1031.6 | 1034.0 |
| 17.5°  | 943.9  | 939.4  | 939.1  | 930.7  | 939.1  | 939.4  | 943.9  | 948.7  | 958.2  | 964.7  | 982.1  |
| 20°    | 901.2  | 898.1  | 899.3  | 890.8  | 899.3  | 898.1  | 901.2  | 910.9  | 916.9  | 925.4  | 939.4  |
| 22.5°  | 867.6  | 864.6  | 859.5  | 856.8  | 859.5  | 864.6  | 867.6  | 874.4  | 881.0  | 892.9  | 900.5  |
| 25°    | 818.6  | 813.8  | 809.0  | 812.0  | 809.0  | 813.8  | 818.6  | 822.2  | 834.4  | 839.9  | 850.8  |
| 27.5°  | 769.6  | 766.0  | 761.1  | 760.5  | 761.1  | 766.0  | 769.6  | 773.1  | 779.8  | 789.0  | 802.1  |
| 30°    | 738.5  | 734.9  | 732.5  | 729.4  | 732.5  | 734.9  | 738.5  | 741.5  | 748.2  | 758.0  | 767.7  |
| 32.5°  | 706.9  | 706.2  | 701.9  | 701.2  | 701.9  | 706.2  | 706.9  | 711.9  | 718.6  | 727.8  | 736.1  |
| 35°    | 665.7  | 662.1  | 660.8  | 661.5  | 660.8  | 662.1  | 665.7  | 668.2  | 674.2  | 682.7  | 690.5  |
| 37.5°  | 626.5  | 621.6  | 619.5  | 617.2  | 619.5  | 621.6  | 626.5  | 626.9  | 633.0  | 638.7  | 649.4  |
| 40°    | 598.3  | 593.5  | 592.3  | 591.0  | 592.3  | 593.5  | 598.3  | 597.7  | 604.4  | 608.7  | 618.4  |
| 42.5°  | 566.8  | 564.8  | 564.1  | 562.0  | 564.1  | 564.8  | 566.8  | 570.1  | 573.8  | 580.1  | 587.3  |
| 45°    | 523.7  | 523.1  | 519.4  | 520.7  | 519.4  | 523.1  | 523.7  | 525.5  | 532.2  | 536.5  | 543.1  |
| 47.5°  | 478.3  | 475.6  | 473.1  | 474.7  | 473.1  | 475.6  | 478.3  | 480.7  | 485.3  | 490.4  | 499.3  |
| 50°    | 447.3  | 446.0  | 440.6  | 441.8  | 440.6  | 446.0  | 447.3  | 449.7  | 452.7  | 459.4  | 467.3  |
| 52.5°  | 416.2  | 411.5  | 409.5  | 408.8  | 409.5  | 411.5  | 416.2  | 418.6  | 422.1  | 429.8  | 435.7  |
| 55°    | 364.7  | 359.3  | 356.9  | 355.6  | 356.9  | 359.3  | 364.7  | 369.0  | 373.8  | 382.3  | 388.3  |
| 57.5°  | 314.2  | 312.7  | 310.9  | 312.2  | 310.9  | 312.7  | 314.2  | 321.3  | 326.0  | 332.7  | 340.1  |
| 60°    | 284.6  | 284.6  | 284.6  | 284.0  | 284.6  | 284.6  | 284.6  | 290.7  | 294.9  | 301.6  | 309.5  |
| 62.5°  | 261.8  | 260.3  | 259.8  | 260.7  | 259.8  | 260.3  | 261.8  | 264.5  | 268.7  | 273.0  | 279.9  |
| 65°    | 226.9  | 226.3  | 223.9  | 223.3  | 223.9  | 226.3  | 226.9  | 228.8  | 232.4  | 235.4  | 240.3  |
| 67.5°  | 194.0  | 191.9  | 191.2  | 190.3  | 191.2  | 191.9  | 194.0  | 195.6  | 198.0  | 202.0  | 204.4  |
| 70°    | 169.3  | 168.1  | 164.4  | 165.1  | 164.4  | 168.1  | 169.3  | 172.4  | 174.8  | 179.6  | 182.1  |
| 72.5°  | 142.6  | 141.4  | 140.6  | 139.8  | 140.6  | 141.4  | 142.6  | 145.6  | 148.0  | 153.4  | 157.3  |
| 75°    | 112.9  | 112.3  | 111.6  | 114.0  | 111.6  | 112.3  | 112.9  | 113.5  | 114.0  | 115.9  | 117.7  |
| 77.5°  | 90.4   | 90.4   | 90.8   | 89.8   | 90.8   | 90.4   | 90.4   | 90.4   | 90.4   | 91.4   | 91.8   |
| 80°    | 75.9   | 75.9   | 75.3   | 75.3   | 75.3   | 75.9   | 75.9   | 75.9   | 75.9   | 75.9   | 75.3   |
| 82.5°  | 60.8   | 61.3   | 61.6   | 60.7   | 61.6   | 61.3   | 60.8   | 61.8   | 62.2   | 61.3   | 61.6   |
| 85°    | 40.0   | 39.4   | 40.7   | 40.0   | 40.7   | 39.4   | 40.0   | 40.0   | 38.9   | 40.0   | 39.4   |
| 87.5°  | 19.8   | 18.8   | 18.8   | 19.4   | 18.8   | 18.8   | 19.8   | 18.7   | 18.7   | 18.6   | 18.1   |
| 90°    | 9.0    | 9.2    | 9.3    | 9.5    | 9.3    | 9.2    | 9.0    | 8.9    | 8.6    | 8.4    | 8.1    |
| 92.5°  | 10.2   | 10.3   | 10.3   | 10.4   | 10.3   | 10.3   | 10.2   | 10.2   | 9.9    | 9.5    | 9.0    |
| 95°    | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   | 11.8   | 11.2   | 10.8   |
| 97.5°  | 12.8   | 12.8   | 12.9   | 13.0   | 12.9   | 12.8   | 12.8   | 12.7   | 12.4   | 11.9   | 11.2   |
| 100°   | 13.0   | 13.1   | 13.2   | 13.2   | 13.2   | 13.1   | 13.0   | 12.9   | 12.7   | 12.0   | 11.5   |
| 102.5° | 13.1   | 13.2   | 13.4   | 13.5   | 13.4   | 13.2   | 13.1   | 13.0   | 13.8   | 15.5   | 17.3   |
| 105°   | 13.5   | 13.6   | 13.7   | 13.8   | 13.7   | 13.6   | 13.5   | 13.3   | 19.4   | 31.8   | 44.2   |
| 107.5° | 71.6   | 62.2   | 52.9   | 43.5   | 52.9   | 62.2   | 71.6   | 80.9   | 90.2   | 99.2   | 108.3  |
| 110°   | 116.7  | 106.6  | 96.7   | 86.7   | 96.7   | 106.6  | 116.7  | 126.7  | 132.9  | 135.2  | 137.5  |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 155.0 | 152.9 | 150.8 | 148.6 | 150.8 | 152.9 | 155.0 | 157.1 | 158.2 | 158.1 | 158.1 |
| 115°   | 184.4 | 184.8 | 185.0 | 185.3 | 185.0 | 184.8 | 184.4 | 184.1 | 183.7 | 183.0 | 182.3 |
| 117.5° | 205.6 | 205.7 | 205.8 | 205.8 | 205.8 | 205.7 | 205.6 | 205.6 | 205.3 | 204.7 | 204.2 |
| 120°   | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 219.6 | 219.1 | 218.6 |
| 122.5° | 233.6 | 233.7 | 233.7 | 233.8 | 233.7 | 233.7 | 233.6 | 233.5 | 233.4 | 233.0 | 232.6 |
| 125°   | 252.9 | 253.1 | 253.2 | 253.3 | 253.2 | 253.1 | 252.9 | 252.8 | 252.6 | 252.5 | 252.4 |
| 127.5° | 272.5 | 272.4 | 272.2 | 272.2 | 272.2 | 272.4 | 272.5 | 272.7 | 272.7 | 272.4 | 272.2 |
| 130°   | 284.6 | 284.5 | 284.4 | 284.2 | 284.4 | 284.5 | 284.6 | 284.8 | 284.7 | 284.5 | 284.2 |
| 132.5° | 295.9 | 295.7 | 295.5 | 295.3 | 295.5 | 295.7 | 295.9 | 296.1 | 296.0 | 295.8 | 295.5 |
| 135°   | 312.9 | 312.7 | 312.5 | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.1 | 312.9 | 312.7 |
| 137.5° | 328.6 | 328.5 | 328.3 | 328.2 | 328.3 | 328.5 | 328.6 | 328.8 | 328.7 | 328.3 | 328.0 |
| 140°   | 338.2 | 338.0 | 338.0 | 337.8 | 338.0 | 338.0 | 338.2 | 338.3 | 338.3 | 338.0 | 337.7 |
| 142.5° | 347.2 | 347.0 | 346.8 | 346.6 | 346.8 | 347.0 | 347.2 | 347.4 | 347.4 | 347.1 | 347.0 |
| 145°   | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.1 | 360.0 | 359.8 |
| 147.5° | 371.2 | 370.9 | 370.6 | 370.2 | 370.6 | 370.9 | 371.2 | 371.6 | 371.7 | 371.5 | 371.3 |
| 150°   | 378.4 | 378.3 | 378.0 | 377.8 | 378.0 | 378.3 | 378.4 | 378.6 | 378.7 | 378.5 | 378.4 |
| 152.5° | 384.9 | 384.5 | 384.1 | 383.9 | 384.1 | 384.5 | 384.9 | 385.1 | 385.2 | 385.0 | 384.7 |
| 155°   | 393.6 | 393.2 | 392.7 | 392.3 | 392.7 | 393.2 | 393.6 | 394.0 | 394.0 | 393.7 | 393.3 |
| 157.5° | 401.1 | 400.6 | 399.9 | 399.4 | 399.9 | 400.6 | 401.1 | 401.6 | 401.7 | 401.3 | 400.8 |
| 160°   | 405.5 | 404.9 | 404.5 | 403.9 | 404.5 | 404.9 | 405.5 | 405.9 | 406.0 | 405.6 | 405.1 |
| 162.5° | 409.6 | 409.1 | 408.7 | 408.2 | 408.7 | 409.1 | 409.6 | 410.0 | 409.9 | 409.5 | 409.0 |
| 165°   | 414.9 | 414.4 | 413.9 | 413.4 | 413.9 | 414.4 | 414.9 | 415.4 | 415.4 | 414.8 | 414.2 |
| 167.5° | 418.8 | 418.2 | 417.7 | 417.1 | 417.7 | 418.2 | 418.8 | 419.4 | 419.4 | 418.8 | 418.2 |
| 170°   | 421.1 | 420.5 | 420.0 | 419.4 | 420.0 | 420.5 | 421.1 | 421.6 | 421.6 | 421.1 | 420.5 |
| 172.5° | 422.5 | 421.9 | 421.2 | 420.6 | 421.2 | 421.9 | 422.5 | 423.1 | 423.1 | 422.6 | 422.0 |
| 175°   | 424.3 | 423.7 | 423.1 | 422.6 | 423.1 | 423.7 | 424.3 | 424.8 | 424.8 | 424.4 | 423.8 |
| 177.5° | 424.8 | 424.3 | 423.7 | 423.1 | 423.7 | 424.3 | 424.8 | 425.3 | 425.4 | 425.0 | 424.5 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1353.0 | 1359.8 | 1366.6 | 1372.9 | 1382.6 | 1387.0 | 1393.3 | 1395.7 | 1403.0 | 1413.7 | 1422.5 |
| 5°     | 1270.7 | 1280.4 | 1293.2 | 1303.5 | 1319.9 | 1332.6 | 1346.6 | 1359.9 | 1375.7 | 1398.1 | 1418.2 |
| 7.5°   | 1201.0 | 1210.5 | 1225.8 | 1245.0 | 1263.1 | 1281.1 | 1300.2 | 1318.4 | 1341.0 | 1373.1 | 1405.1 |
| 10°    | 1154.9 | 1166.4 | 1184.5 | 1205.1 | 1227.6 | 1245.3 | 1267.7 | 1290.8 | 1318.7 | 1355.7 | 1393.9 |
| 12.5°  | 1115.0 | 1123.6 | 1144.8 | 1164.4 | 1189.8 | 1212.2 | 1234.2 | 1261.1 | 1292.9 | 1332.4 | 1378.4 |
| 15°    | 1051.7 | 1063.8 | 1084.4 | 1106.3 | 1133.0 | 1156.6 | 1185.2 | 1217.9 | 1248.8 | 1297.4 | 1353.3 |
| 17.5°  | 988.0  | 1006.5 | 1028.0 | 1052.7 | 1072.4 | 1105.0 | 1136.0 | 1169.7 | 1207.7 | 1259.2 | 1320.4 |
| 20°    | 947.3  | 961.8  | 981.9  | 1017.7 | 1043.7 | 1068.6 | 1097.2 | 1139.1 | 1174.2 | 1232.5 | 1296.2 |
| 22.5°  | 912.8  | 923.5  | 945.9  | 975.4  | 1005.9 | 1034.7 | 1063.6 | 1103.6 | 1147.0 | 1202.4 | 1271.5 |
| 25°    | 861.7  | 878.7  | 895.7  | 916.9  | 949.7  | 984.3  | 1015.8 | 1049.8 | 1095.9 | 1154.9 | 1229.5 |
| 27.5°  | 811.8  | 827.2  | 844.0  | 870.0  | 894.9  | 927.3  | 960.3  | 999.3  | 1048.7 | 1111.0 | 1186.7 |
| 30°    | 779.8  | 791.3  | 807.1  | 840.4  | 862.9  | 890.8  | 929.7  | 964.3  | 1010.4 | 1076.6 | 1156.6 |
| 32.5°  | 746.8  | 761.7  | 778.9  | 804.6  | 832.3  | 858.8  | 894.2  | 931.7  | 978.8  | 1044.0 | 1126.1 |
| 35°    | 699.7  | 717.3  | 734.9  | 753.7  | 781.6  | 809.0  | 838.7  | 879.9  | 927.8  | 991.0  | 1071.7 |
| 37.5°  | 656.4  | 670.6  | 684.8  | 708.2  | 734.7  | 760.6  | 788.4  | 829.0  | 874.2  | 942.3  | 1016.4 |
| 40°    | 628.7  | 641.4  | 652.4  | 676.6  | 702.1  | 730.0  | 757.3  | 793.2  | 841.7  | 905.4  | 977.0  |
| 42.5°  | 598.6  | 610.4  | 625.2  | 645.1  | 672.5  | 696.1  | 723.4  | 757.2  | 802.8  | 867.5  | 930.4  |
| 45°    | 553.4  | 566.8  | 579.5  | 598.3  | 625.6  | 648.7  | 673.0  | 705.2  | 751.9  | 805.3  | 861.1  |
| 47.5°  | 506.5  | 519.8  | 534.4  | 552.6  | 576.4  | 599.8  | 624.1  | 652.6  | 695.2  | 747.6  | 785.2  |
| 50°    | 476.4  | 487.3  | 501.9  | 520.0  | 541.9  | 566.8  | 588.6  | 619.6  | 660.2  | 701.5  | 734.2  |
| 52.5°  | 445.3  | 455.2  | 471.7  | 491.0  | 511.3  | 532.8  | 556.1  | 582.6  | 619.5  | 658.3  | 684.3  |
| 55°    | 396.9  | 409.0  | 422.9  | 441.8  | 461.8  | 480.0  | 502.5  | 529.8  | 558.9  | 588.0  | 605.6  |
| 57.5°  | 351.6  | 361.7  | 373.4  | 392.9  | 410.2  | 431.9  | 452.1  | 473.3  | 500.2  | 522.3  | 533.8  |
| 60°    | 318.6  | 327.7  | 342.9  | 359.9  | 376.2  | 395.0  | 418.1  | 439.3  | 459.9  | 477.6  | 486.7  |
| 62.5°  | 287.5  | 298.1  | 311.3  | 326.8  | 344.6  | 362.6  | 382.6  | 400.6  | 418.7  | 433.9  | 440.1  |
| 65°    | 247.0  | 255.5  | 265.2  | 279.7  | 294.4  | 312.5  | 328.3  | 346.5  | 359.9  | 368.4  | 373.8  |
| 67.5°  | 210.1  | 215.7  | 223.1  | 232.8  | 247.1  | 263.0  | 278.3  | 292.5  | 303.6  | 309.5  | 314.3  |
| 70°    | 186.3  | 189.9  | 195.4  | 205.1  | 216.1  | 230.0  | 245.8  | 256.1  | 265.8  | 270.6  | 275.5  |
| 72.5°  | 162.5  | 167.1  | 172.1  | 179.9  | 188.9  | 198.9  | 210.4  | 223.1  | 228.5  | 234.3  | 237.2  |
| 75°    | 123.1  | 129.8  | 136.5  | 141.4  | 147.5  | 155.3  | 165.7  | 173.5  | 176.6  | 181.5  | 182.1  |
| 77.5°  | 93.0   | 94.4   | 99.2   | 105.3  | 110.5  | 116.2  | 122.7  | 129.7  | 131.2  | 133.8  | 135.4  |
| 80°    | 76.4   | 76.4   | 76.4   | 80.1   | 86.1   | 90.4   | 96.5   | 100.1  | 102.5  | 103.2  | 103.8  |
| 82.5°  | 61.4   | 61.4   | 60.9   | 61.6   | 63.8   | 66.2   | 71.7   | 75.9   | 77.8   | 77.4   | 76.1   |
| 85°    | 40.0   | 38.9   | 38.9   | 38.3   | 38.9   | 37.6   | 37.0   | 39.4   | 43.1   | 43.1   | 41.9   |
| 87.5°  | 18.1   | 17.6   | 17.8   | 17.2   | 16.5   | 15.9   | 14.2   | 14.5   | 14.4   | 16.2   | 15.6   |
| 90°    | 7.8    | 7.6    | 6.7    | 5.7    | 4.8    | 3.9    | 3.1    | 2.4    | 1.7    | 1.0    | 0.4    |
| 92.5°  | 8.5    | 8.0    | 7.4    | 6.7    | 6.0    | 5.4    | 5.1    | 5.3    | 5.4    | 5.7    | 5.9    |
| 95°    | 10.3   | 9.8    | 9.0    | 8.2    | 7.5    | 6.7    | 7.8    | 10.6   | 13.5   | 16.3   | 19.3   |
| 97.5°  | 10.7   | 10.2   | 15.2   | 20.2   | 25.2   | 30.3   | 33.4   | 34.8   | 36.0   | 37.4   | 38.6   |
| 100°   | 11.0   | 10.4   | 21.3   | 32.3   | 43.2   | 54.1   | 58.9   | 57.4   | 56.1   | 54.7   | 53.2   |
| 102.5° | 19.0   | 20.8   | 32.6   | 44.6   | 56.5   | 68.5   | 73.9   | 72.9   | 71.9   | 70.9   | 69.9   |
| 105°   | 56.6   | 69.0   | 75.3   | 81.6   | 87.9   | 94.3   | 97.0   | 96.2   | 95.4   | 94.7   | 93.9   |
| 107.5° | 117.3  | 126.4  | 125.5  | 124.5  | 123.5  | 122.5  | 121.7  | 121.1  | 120.5  | 119.8  | 119.2  |
| 110°   | 139.8  | 142.1  | 141.3  | 140.5  | 139.8  | 139.0  | 138.4  | 137.8  | 137.2  | 136.7  | 136.2  |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.0 | 158.0 | 157.2 | 156.5 | 155.7 | 154.9 | 154.3 | 153.7 | 153.3 | 152.8 | 152.2 |
| 115°   | 181.6 | 180.8 | 180.2 | 179.6 | 179.0 | 178.3 | 177.8 | 177.4 | 177.0 | 176.6 | 176.1 |
| 117.5° | 203.6 | 203.0 | 202.8 | 202.4 | 202.1 | 201.8 | 201.3 | 200.8 | 200.3 | 199.8 | 199.3 |
| 120°   | 218.0 | 217.4 | 217.2 | 217.0 | 216.8 | 216.6 | 216.2 | 215.5 | 214.9 | 214.3 | 213.7 |
| 122.5° | 232.2 | 231.8 | 231.5 | 231.2 | 231.0 | 230.7 | 230.3 | 229.8 | 229.3 | 228.8 | 228.3 |
| 125°   | 252.3 | 252.1 | 251.8 | 251.6 | 251.3 | 250.9 | 250.6 | 249.9 | 249.4 | 248.9 | 248.3 |
| 127.5° | 272.0 | 271.7 | 271.4 | 271.1 | 270.7 | 270.4 | 269.9 | 269.4 | 268.9 | 268.3 | 267.7 |
| 130°   | 283.8 | 283.6 | 283.3 | 283.0 | 282.8 | 282.5 | 282.0 | 281.5 | 280.9 | 280.4 | 279.8 |
| 132.5° | 295.2 | 295.0 | 294.7 | 294.5 | 294.3 | 294.0 | 293.6 | 293.1 | 292.6 | 291.9 | 291.4 |
| 135°   | 312.5 | 312.3 | 312.0 | 311.7 | 311.4 | 311.1 | 310.8 | 310.4 | 310.0 | 309.5 | 309.2 |
| 137.5° | 327.7 | 327.3 | 327.2 | 327.0 | 326.9 | 326.7 | 326.4 | 325.8 | 325.3 | 324.8 | 324.2 |
| 140°   | 337.4 | 337.2 | 337.0 | 336.7 | 336.5 | 336.4 | 336.0 | 335.6 | 335.2 | 334.7 | 334.3 |
| 142.5° | 346.7 | 346.5 | 346.3 | 346.1 | 345.9 | 345.6 | 345.4 | 344.9 | 344.5 | 344.1 | 343.7 |
| 145°   | 359.7 | 359.5 | 359.4 | 359.3 | 359.1 | 359.0 | 358.6 | 358.2 | 357.7 | 357.2 | 356.7 |
| 147.5° | 371.2 | 371.0 | 371.0 | 370.8 | 370.7 | 370.5 | 370.2 | 370.0 | 369.6 | 369.3 | 369.0 |
| 150°   | 378.3 | 378.1 | 378.0 | 377.8 | 377.7 | 377.6 | 377.4 | 377.2 | 376.9 | 376.7 | 376.6 |
| 152.5° | 384.4 | 384.1 | 384.1 | 384.0 | 383.9 | 383.9 | 383.7 | 383.6 | 383.5 | 383.4 | 383.3 |
| 155°   | 393.0 | 392.6 | 392.5 | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 392.8 | 393.0 |
| 157.5° | 400.4 | 400.0 | 400.0 | 400.1 | 400.2 | 400.3 | 400.3 | 400.3 | 400.4 | 400.4 | 400.4 |
| 160°   | 404.7 | 404.3 | 404.4 | 404.4 | 404.5 | 404.6 | 404.7 | 404.7 | 404.7 | 404.8 | 404.9 |
| 162.5° | 408.5 | 408.0 | 408.1 | 408.2 | 408.2 | 408.3 | 408.5 | 408.7 | 408.8 | 409.0 | 409.2 |
| 165°   | 413.7 | 413.1 | 413.1 | 413.2 | 413.3 | 413.4 | 413.5 | 413.8 | 413.9 | 414.1 | 414.4 |
| 167.5° | 417.7 | 417.1 | 417.1 | 417.1 | 417.1 | 417.1 | 417.2 | 417.6 | 417.9 | 418.1 | 418.4 |
| 170°   | 420.0 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 419.5 | 419.8 | 420.1 | 420.4 | 420.6 |
| 172.5° | 421.5 | 420.9 | 420.9 | 420.8 | 420.7 | 420.7 | 420.8 | 421.2 | 421.5 | 421.9 | 422.1 |
| 175°   | 423.4 | 422.8 | 422.8 | 422.8 | 422.7 | 422.6 | 422.8 | 423.1 | 423.4 | 423.7 | 424.1 |
| 177.5° | 424.1 | 423.7 | 423.6 | 423.5 | 423.5 | 423.4 | 423.5 | 423.8 | 424.1 | 424.4 | 424.6 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1425.3 | 1430.7 | 1437.4 | 1447.7 | 1455.5 | 1462.2 | 1463.7 | 1465.6 | 1470.5 | 1478.7 | 1485.1 |
| 5°     | 1434.6 | 1448.5 | 1471.0 | 1492.8 | 1516.5 | 1535.9 | 1554.1 | 1566.8 | 1579.0 | 1604.5 | 1625.1 |
| 7.5°   | 1431.6 | 1462.8 | 1497.9 | 1537.1 | 1576.8 | 1615.2 | 1651.0 | 1682.9 | 1714.7 | 1751.9 | 1794.2 |
| 10°    | 1429.7 | 1466.2 | 1513.4 | 1563.8 | 1619.1 | 1673.0 | 1725.3 | 1765.9 | 1813.2 | 1855.7 | 1909.7 |
| 12.5°  | 1420.5 | 1472.9 | 1529.5 | 1593.9 | 1661.8 | 1724.0 | 1792.7 | 1848.9 | 1903.1 | 1964.4 | 2027.2 |
| 15°    | 1408.5 | 1472.2 | 1543.8 | 1629.3 | 1732.5 | 1807.8 | 1878.1 | 1975.9 | 2042.6 | 2109.3 | 2199.2 |
| 17.5°  | 1386.5 | 1464.3 | 1553.7 | 1664.9 | 1751.0 | 1852.1 | 1958.0 | 2035.2 | 2125.1 | 2219.2 | 2300.5 |
| 20°    | 1369.0 | 1459.5 | 1559.6 | 1668.8 | 1778.6 | 1888.5 | 1991.0 | 2083.3 | 2176.1 | 2284.7 | 2351.5 |
| 22.5°  | 1351.6 | 1441.0 | 1545.0 | 1661.1 | 1779.1 | 1894.8 | 2010.9 | 2119.2 | 2223.7 | 2333.3 | 2418.5 |
| 25°    | 1314.4 | 1420.6 | 1533.5 | 1651.8 | 1768.4 | 1895.8 | 2034.1 | 2154.9 | 2284.1 | 2397.0 | 2477.7 |
| 27.5°  | 1276.8 | 1374.1 | 1486.5 | 1606.5 | 1736.1 | 1886.7 | 2049.4 | 2186.7 | 2316.2 | 2397.0 | 2422.4 |
| 30°    | 1242.8 | 1345.9 | 1449.1 | 1571.1 | 1711.3 | 1879.4 | 2052.4 | 2209.5 | 2315.7 | 2350.9 | 2324.8 |
| 32.5°  | 1208.4 | 1301.8 | 1404.0 | 1528.8 | 1677.8 | 1861.4 | 2056.2 | 2195.9 | 2259.9 | 2232.9 | 2126.7 |
| 35°    | 1147.5 | 1231.9 | 1330.8 | 1455.8 | 1626.9 | 1851.5 | 2040.2 | 2134.8 | 2119.1 | 1967.4 | 1767.1 |
| 37.5°  | 1082.4 | 1151.2 | 1242.8 | 1373.5 | 1574.2 | 1812.0 | 1971.2 | 1985.2 | 1848.7 | 1615.8 | 1384.5 |
| 40°    | 1031.0 | 1092.9 | 1187.0 | 1323.5 | 1533.5 | 1773.2 | 1901.8 | 1845.4 | 1633.6 | 1374.5 | 1181.5 |
| 42.5°  | 981.0  | 1033.2 | 1123.8 | 1271.0 | 1494.7 | 1720.3 | 1798.4 | 1675.5 | 1431.2 | 1186.2 | 1010.7 |
| 45°    | 896.3  | 945.5  | 1036.4 | 1187.6 | 1415.1 | 1619.1 | 1608.7 | 1395.1 | 1150.6 | 953.3  | 807.7  |
| 47.5°  | 815.9  | 858.9  | 944.3  | 1098.6 | 1321.8 | 1467.3 | 1370.8 | 1143.5 | 936.1  | 777.8  | 674.0  |
| 50°    | 759.1  | 801.6  | 886.6  | 1038.9 | 1247.1 | 1353.3 | 1215.5 | 996.4  | 806.5  | 675.4  | 592.9  |
| 52.5°  | 704.8  | 746.3  | 823.9  | 972.4  | 1156.7 | 1220.2 | 1072.3 | 869.2  | 710.9  | 597.7  | 526.8  |
| 55°    | 628.7  | 660.2  | 730.0  | 872.0  | 1009.8 | 1024.3 | 874.4  | 704.5  | 574.1  | 495.2  | 446.7  |
| 57.5°  | 551.2  | 578.3  | 647.3  | 760.4  | 856.9  | 849.4  | 707.3  | 560.4  | 472.5  | 413.8  | 378.7  |
| 60°    | 500.6  | 527.4  | 588.0  | 685.1  | 758.0  | 732.5  | 602.0  | 483.7  | 408.4  | 365.3  | 337.4  |
| 62.5°  | 453.5  | 474.4  | 531.2  | 602.1  | 654.5  | 625.6  | 514.6  | 416.7  | 357.0  | 320.7  | 298.5  |
| 65°    | 385.3  | 402.3  | 447.8  | 484.8  | 514.0  | 486.1  | 393.9  | 325.8  | 282.8  | 257.3  | 242.1  |
| 67.5°  | 320.6  | 331.4  | 360.1  | 373.4  | 394.0  | 363.4  | 296.1  | 250.7  | 226.1  | 204.6  | 194.0  |
| 70°    | 279.7  | 287.7  | 302.8  | 313.7  | 319.2  | 287.7  | 237.9  | 204.5  | 183.9  | 168.7  | 162.0  |
| 72.5°  | 239.0  | 245.9  | 249.0  | 257.9  | 255.1  | 225.5  | 191.3  | 164.7  | 149.9  | 139.6  | 131.0  |
| 75°    | 182.6  | 185.7  | 182.6  | 179.1  | 171.1  | 150.5  | 126.8  | 113.5  | 102.5  | 97.7   | 94.7   |
| 77.5°  | 133.1  | 132.2  | 128.0  | 122.3  | 108.9  | 95.9   | 83.1   | 78.6   | 73.9   | 71.3   | 70.3   |
| 80°    | 102.5  | 100.1  | 96.5   | 87.4   | 75.9   | 66.8   | 63.8   | 60.7   | 58.9   | 55.8   | 55.2   |
| 82.5°  | 76.3   | 74.9   | 68.8   | 61.2   | 53.1   | 48.8   | 46.3   | 45.1   | 43.3   | 41.7   | 41.6   |
| 85°    | 40.7   | 38.9   | 32.2   | 27.9   | 26.7   | 25.5   | 24.9   | 24.9   | 22.5   | 21.8   | 21.8   |
| 87.5°  | 13.3   | 10.5   | 10.2   | 8.9    | 9.0    | 8.3    | 8.9    | 8.1    | 7.8    | 8.4    | 7.5    |
| 90°    | 1.0    | 1.7    | 2.4    | 3.1    | 3.9    | 4.8    | 5.7    | 6.7    | 7.6    | 7.8    | 8.1    |
| 92.5°  | 5.7    | 5.4    | 5.3    | 5.1    | 5.4    | 6.0    | 6.7    | 7.4    | 8.0    | 8.5    | 9.0    |
| 95°    | 16.3   | 13.5   | 10.6   | 7.8    | 6.7    | 7.5    | 8.2    | 9.0    | 9.8    | 10.3   | 10.8   |
| 97.5°  | 37.4   | 36.0   | 34.8   | 33.4   | 30.3   | 25.2   | 20.2   | 15.2   | 10.2   | 10.7   | 11.2   |
| 100°   | 54.7   | 56.1   | 57.4   | 58.9   | 54.1   | 43.2   | 32.3   | 21.3   | 10.4   | 11.0   | 11.5   |
| 102.5° | 70.9   | 71.9   | 72.9   | 73.9   | 68.5   | 56.5   | 44.6   | 32.6   | 20.8   | 19.0   | 17.3   |
| 105°   | 94.7   | 95.4   | 96.2   | 97.0   | 94.3   | 87.9   | 81.6   | 75.3   | 69.0   | 56.6   | 44.2   |
| 107.5° | 119.8  | 120.5  | 121.1  | 121.7  | 122.5  | 123.5  | 124.5  | 125.5  | 126.4  | 117.3  | 108.3  |
| 110°   | 136.7  | 137.2  | 137.8  | 138.4  | 139.0  | 139.8  | 140.5  | 141.3  | 142.1  | 139.8  | 137.5  |





TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 152.8 | 153.3 | 153.7 | 154.3 | 154.9 | 155.7 | 156.5 | 157.2 | 158.0 | 158.0 | 158.1 |
| 115°   | 176.6 | 177.0 | 177.4 | 177.8 | 178.3 | 179.0 | 179.6 | 180.2 | 180.8 | 181.6 | 182.3 |
| 117.5° | 199.8 | 200.3 | 200.8 | 201.3 | 201.8 | 202.1 | 202.4 | 202.8 | 203.0 | 203.6 | 204.2 |
| 120°   | 214.3 | 214.9 | 215.5 | 216.2 | 216.6 | 216.8 | 217.0 | 217.2 | 217.4 | 218.0 | 218.6 |
| 122.5° | 228.8 | 229.3 | 229.8 | 230.3 | 230.7 | 231.0 | 231.2 | 231.5 | 231.8 | 232.2 | 232.6 |
| 125°   | 248.9 | 249.4 | 249.9 | 250.6 | 250.9 | 251.3 | 251.6 | 251.8 | 252.1 | 252.3 | 252.4 |
| 127.5° | 268.3 | 268.9 | 269.4 | 269.9 | 270.4 | 270.7 | 271.1 | 271.4 | 271.7 | 272.0 | 272.2 |
| 130°   | 280.4 | 280.9 | 281.5 | 282.0 | 282.5 | 282.8 | 283.0 | 283.3 | 283.6 | 283.8 | 284.2 |
| 132.5° | 291.9 | 292.6 | 293.1 | 293.6 | 294.0 | 294.3 | 294.5 | 294.7 | 295.0 | 295.2 | 295.5 |
| 135°   | 309.5 | 310.0 | 310.4 | 310.8 | 311.1 | 311.4 | 311.7 | 312.0 | 312.3 | 312.5 | 312.7 |
| 137.5° | 324.8 | 325.3 | 325.8 | 326.4 | 326.7 | 326.9 | 327.0 | 327.2 | 327.3 | 327.7 | 328.0 |
| 140°   | 334.7 | 335.2 | 335.6 | 336.0 | 336.4 | 336.5 | 336.7 | 337.0 | 337.2 | 337.4 | 337.7 |
| 142.5° | 344.1 | 344.5 | 344.9 | 345.4 | 345.6 | 345.9 | 346.1 | 346.3 | 346.5 | 346.7 | 347.0 |
| 145°   | 357.2 | 357.7 | 358.2 | 358.6 | 359.0 | 359.1 | 359.3 | 359.4 | 359.5 | 359.7 | 359.8 |
| 147.5° | 369.3 | 369.6 | 370.0 | 370.2 | 370.5 | 370.7 | 370.8 | 371.0 | 371.0 | 371.2 | 371.3 |
| 150°   | 376.7 | 376.9 | 377.2 | 377.4 | 377.6 | 377.7 | 377.8 | 378.0 | 378.1 | 378.3 | 378.4 |
| 152.5° | 383.4 | 383.5 | 383.6 | 383.7 | 383.9 | 383.9 | 384.0 | 384.1 | 384.1 | 384.4 | 384.7 |
| 155°   | 392.8 | 392.6 | 392.5 | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 393.0 | 393.3 |
| 157.5° | 400.4 | 400.4 | 400.3 | 400.3 | 400.3 | 400.2 | 400.1 | 400.0 | 400.0 | 400.4 | 400.8 |
| 160°   | 404.8 | 404.7 | 404.7 | 404.7 | 404.6 | 404.5 | 404.4 | 404.4 | 404.3 | 404.7 | 405.1 |
| 162.5° | 409.0 | 408.8 | 408.7 | 408.5 | 408.3 | 408.2 | 408.2 | 408.1 | 408.0 | 408.5 | 409.0 |
| 165°   | 414.1 | 413.9 | 413.8 | 413.5 | 413.4 | 413.3 | 413.2 | 413.1 | 413.1 | 413.7 | 414.2 |
| 167.5° | 418.1 | 417.9 | 417.6 | 417.2 | 417.1 | 417.1 | 417.1 | 417.1 | 417.1 | 417.7 | 418.2 |
| 170°   | 420.4 | 420.1 | 419.8 | 419.5 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 420.0 | 420.5 |
| 172.5° | 421.9 | 421.5 | 421.2 | 420.8 | 420.7 | 420.7 | 420.8 | 420.9 | 420.9 | 421.5 | 422.0 |
| 175°   | 423.7 | 423.4 | 423.1 | 422.8 | 422.6 | 422.7 | 422.8 | 422.8 | 422.8 | 423.4 | 423.8 |
| 177.5° | 424.4 | 424.1 | 423.8 | 423.5 | 423.4 | 423.5 | 423.5 | 423.6 | 423.7 | 424.1 | 424.5 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 | 1417.6 |
| 2.5°   | 1495.2 | 1495.2 | 1497.2 | 1504.5 | 1505.5 | 1511.7 | 1509.8 |
| 5°     | 1643.3 | 1654.8 | 1659.1 | 1677.3 | 1688.2 | 1693.1 | 1683.4 |
| 7.5°   | 1824.4 | 1856.9 | 1872.3 | 1891.4 | 1908.3 | 1913.3 | 1900.1 |
| 10°    | 1956.4 | 1990.4 | 2018.9 | 2036.6 | 2052.9 | 2063.9 | 2077.8 |
| 12.5°  | 2084.1 | 2125.8 | 2152.9 | 2177.8 | 2194.7 | 2208.5 | 2210.8 |
| 15°    | 2222.9 | 2286.0 | 2333.9 | 2369.1 | 2386.7 | 2395.8 | 2392.2 |
| 17.5°  | 2362.8 | 2421.3 | 2455.4 | 2491.4 | 2515.7 | 2516.9 | 2517.7 |
| 20°    | 2442.0 | 2498.9 | 2538.4 | 2565.1 | 2592.4 | 2591.2 | 2597.3 |
| 22.5°  | 2494.8 | 2539.8 | 2570.0 | 2589.3 | 2598.7 | 2594.1 | 2595.3 |
| 25°    | 2519.6 | 2532.9 | 2527.5 | 2496.5 | 2488.7 | 2460.1 | 2465.0 |
| 27.5°  | 2391.9 | 2328.8 | 2263.5 | 2179.5 | 2113.3 | 2060.3 | 2063.0 |
| 30°    | 2218.6 | 2106.9 | 1979.5 | 1872.7 | 1776.8 | 1750.2 | 1693.1 |
| 32.5°  | 1976.4 | 1808.8 | 1659.6 | 1560.0 | 1477.7 | 1455.5 | 1405.7 |
| 35°    | 1565.7 | 1403.0 | 1249.5 | 1157.3 | 1120.8 | 1069.9 | 1069.3 |
| 37.5°  | 1216.9 | 1073.7 | 992.6  | 923.4  | 887.1  | 856.2  | 853.2  |
| 40°    | 1023.8 | 912.0  | 850.8  | 801.0  | 765.3  | 742.2  | 736.7  |
| 42.5°  | 888.8  | 798.4  | 741.1  | 710.2  | 682.7  | 670.8  | 661.9  |
| 45°    | 725.8  | 665.1  | 625.0  | 597.1  | 584.4  | 575.2  | 570.4  |
| 47.5°  | 607.1  | 566.4  | 539.1  | 520.6  | 510.2  | 500.6  | 503.2  |
| 50°    | 542.5  | 509.2  | 489.1  | 471.5  | 463.6  | 456.9  | 457.5  |
| 52.5°  | 490.5  | 460.6  | 444.4  | 431.7  | 421.9  | 417.1  | 414.8  |
| 55°    | 416.3  | 397.4  | 381.1  | 372.0  | 366.5  | 359.9  | 358.0  |
| 57.5°  | 355.1  | 340.5  | 327.2  | 316.9  | 315.6  | 309.2  | 310.0  |
| 60°    | 314.3  | 302.2  | 291.3  | 285.8  | 281.6  | 276.1  | 277.9  |
| 62.5°  | 280.9  | 270.6  | 260.7  | 256.2  | 252.0  | 248.0  | 248.8  |
| 65°    | 230.0  | 220.3  | 214.2  | 211.8  | 210.0  | 208.1  | 206.3  |
| 67.5°  | 183.2  | 177.4  | 173.5  | 168.4  | 164.6  | 164.0  | 162.1  |
| 70°    | 154.2  | 146.2  | 139.6  | 132.9  | 131.1  | 130.5  | 131.1  |
| 72.5°  | 123.6  | 118.6  | 116.7  | 113.5  | 113.2  | 111.6  | 112.6  |
| 75°    | 92.8   | 91.0   | 89.8   | 87.4   | 87.4   | 87.4   | 87.4   |
| 77.5°  | 68.5   | 67.3   | 66.6   | 66.2   | 65.5   | 64.6   | 64.6   |
| 80°    | 53.4   | 52.8   | 51.5   | 51.5   | 51.0   | 51.5   | 51.0   |
| 82.5°  | 40.3   | 40.2   | 39.0   | 39.0   | 38.3   | 38.0   | 38.3   |
| 85°    | 20.6   | 20.1   | 21.2   | 20.1   | 20.6   | 19.4   | 20.6   |
| 87.5°  | 7.5    | 7.6    | 7.1    | 7.1    | 6.7    | 7.7    | 6.8    |
| 90°    | 8.4    | 8.6    | 8.9    | 9.0    | 9.2    | 9.3    | 9.5    |
| 92.5°  | 9.5    | 9.9    | 10.2   | 10.2   | 10.3   | 10.3   | 10.4   |
| 95°    | 11.2   | 11.8   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9   |
| 97.5°  | 11.9   | 12.4   | 12.7   | 12.8   | 12.8   | 12.9   | 13.0   |
| 100°   | 12.0   | 12.7   | 12.9   | 13.0   | 13.1   | 13.2   | 13.2   |
| 102.5° | 15.5   | 13.8   | 13.0   | 13.1   | 13.2   | 13.4   | 13.5   |
| 105°   | 31.8   | 19.4   | 13.3   | 13.5   | 13.6   | 13.7   | 13.8   |
| 107.5° | 99.2   | 90.2   | 80.9   | 71.6   | 62.2   | 52.9   | 43.5   |
| 110°   | 135.2  | 132.9  | 126.7  | 116.7  | 106.6  | 96.7   | 86.7   |



TEST NUMBER: P332330-940

CATALOG NUMBER: S123RDIP-S1000D365U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.1 | 158.2 | 157.1 | 155.0 | 152.9 | 150.8 | 148.6 |
| 115°   | 183.0 | 183.7 | 184.1 | 184.4 | 184.8 | 185.0 | 185.3 |
| 117.5° | 204.7 | 205.3 | 205.6 | 205.6 | 205.7 | 205.8 | 205.8 |
| 120°   | 219.1 | 219.6 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 |
| 122.5° | 233.0 | 233.4 | 233.5 | 233.6 | 233.7 | 233.7 | 233.8 |
| 125°   | 252.5 | 252.6 | 252.8 | 252.9 | 253.1 | 253.2 | 253.3 |
| 127.5° | 272.4 | 272.7 | 272.7 | 272.5 | 272.4 | 272.2 | 272.2 |
| 130°   | 284.5 | 284.7 | 284.8 | 284.6 | 284.5 | 284.4 | 284.2 |
| 132.5° | 295.8 | 296.0 | 296.1 | 295.9 | 295.7 | 295.5 | 295.3 |
| 135°   | 312.9 | 313.1 | 313.1 | 312.9 | 312.7 | 312.5 | 312.3 |
| 137.5° | 328.3 | 328.7 | 328.8 | 328.6 | 328.5 | 328.3 | 328.2 |
| 140°   | 338.0 | 338.3 | 338.3 | 338.2 | 338.0 | 338.0 | 337.8 |
| 142.5° | 347.1 | 347.4 | 347.4 | 347.2 | 347.0 | 346.8 | 346.6 |
| 145°   | 360.0 | 360.1 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 |
| 147.5° | 371.5 | 371.7 | 371.6 | 371.2 | 370.9 | 370.6 | 370.2 |
| 150°   | 378.5 | 378.7 | 378.6 | 378.4 | 378.3 | 378.0 | 377.8 |
| 152.5° | 385.0 | 385.2 | 385.1 | 384.9 | 384.5 | 384.1 | 383.9 |
| 155°   | 393.7 | 394.0 | 394.0 | 393.6 | 393.2 | 392.7 | 392.3 |
| 157.5° | 401.3 | 401.7 | 401.6 | 401.1 | 400.6 | 399.9 | 399.4 |
| 160°   | 405.6 | 406.0 | 405.9 | 405.5 | 404.9 | 404.5 | 403.9 |
| 162.5° | 409.5 | 409.9 | 410.0 | 409.6 | 409.1 | 408.7 | 408.2 |
| 165°   | 414.8 | 415.4 | 415.4 | 414.9 | 414.4 | 413.9 | 413.4 |
| 167.5° | 418.8 | 419.4 | 419.4 | 418.8 | 418.2 | 417.7 | 417.1 |
| 170°   | 421.1 | 421.6 | 421.6 | 421.1 | 420.5 | 420.0 | 419.4 |
| 172.5° | 422.6 | 423.1 | 423.1 | 422.5 | 421.9 | 421.2 | 420.6 |
| 175°   | 424.4 | 424.8 | 424.8 | 424.3 | 423.7 | 423.1 | 422.6 |
| 177.5° | 425.0 | 425.4 | 425.3 | 424.8 | 424.3 | 423.7 | 423.1 |
| 180°   | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |

(END OF REPORT)