

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: P331701-930

Luminaire Tested: **S122RDIP-S675D1080U930-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331701-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-S675D1080U930-4F0-1E-UDD-A4  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1080 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5501.5 lumens  
Efficiency: N/A  
Efficacy: 96.7 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect

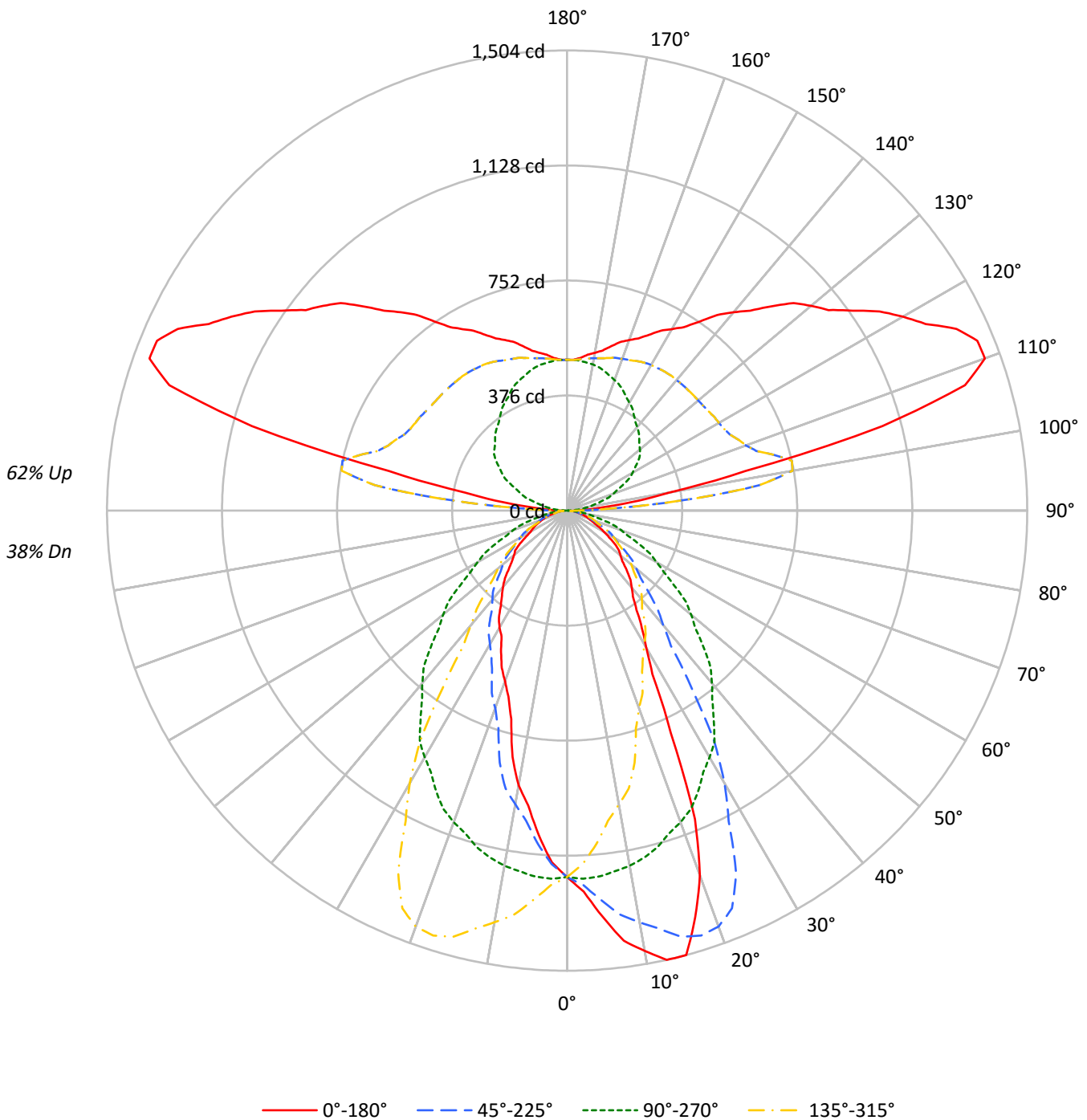
Input Watts (W): 56.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





TEST NUMBER: P331701-930

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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   | 104 | 104 | 104 | 104 | 95 | 95 | 95 | 95 | 77 | 77 | 77 | 60 | 60 | 60 | 45 | 45 | 45 | 38 |
| 1   | 96  | 92  | 88  | 85  | 87 | 83 | 80 | 78 | 68 | 66 | 64 | 54 | 52 | 51 | 40 | 40 | 39 | 33 |
| 2   | 88  | 81  | 75  | 70  | 79 | 73 | 69 | 65 | 60 | 57 | 54 | 48 | 46 | 44 | 36 | 35 | 34 | 29 |
| 3   | 80  | 71  | 65  | 59  | 73 | 65 | 59 | 55 | 54 | 49 | 46 | 43 | 40 | 38 | 33 | 31 | 29 | 25 |
| 4   | 74  | 64  | 56  | 51  | 67 | 58 | 52 | 47 | 48 | 43 | 40 | 39 | 35 | 33 | 30 | 28 | 26 | 22 |
| 5   | 68  | 57  | 49  | 44  | 62 | 52 | 46 | 41 | 43 | 38 | 35 | 35 | 31 | 29 | 27 | 25 | 23 | 20 |
| 6   | 63  | 51  | 44  | 38  | 57 | 47 | 40 | 36 | 39 | 34 | 31 | 32 | 28 | 26 | 25 | 23 | 21 | 18 |
| 7   | 58  | 46  | 39  | 34  | 53 | 43 | 36 | 32 | 36 | 31 | 27 | 29 | 26 | 23 | 23 | 20 | 19 | 16 |
| 8   | 54  | 42  | 35  | 30  | 49 | 39 | 33 | 28 | 33 | 28 | 24 | 27 | 23 | 21 | 21 | 19 | 17 | 14 |
| 9   | 50  | 39  | 32  | 27  | 46 | 36 | 29 | 25 | 30 | 25 | 22 | 25 | 21 | 19 | 20 | 17 | 15 | 13 |
| 10  | 47  | 36  | 29  | 24  | 43 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 16 | 14 | 12 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 19339 | 19339 | 19339 | 19339 |
| 5°  | 21598 | 19460 | 17253 | 19460 |
| 10° | 23963 | 19323 | 14955 | 19323 |
| 15° | 25142 | 19041 | 11784 | 19041 |
| 20° | 21795 | 18620 | 10198 | 18620 |
| 25° | 14295 | 18045 | 9103  | 18045 |
| 30° | 9622  | 17350 | 8240  | 17350 |
| 35° | 7792  | 16472 | 7433  | 16472 |
| 40° | 6930  | 15517 | 6877  | 15517 |
| 45° | 6272  | 14397 | 6140  | 14397 |
| 50° | 5707  | 13288 | 5687  | 13288 |
| 55° | 5365  | 12056 | 5295  | 12056 |
| 60° | 4489  | 10924 | 4434  | 10924 |
| 65° | 3786  | 9922  | 4290  | 9922  |
| 70° | 3498  | 8861  | 4050  | 8861  |
| 75° | 3269  | 7711  | 3737  | 7711  |
| 80° | 3013  | 6341  | 3329  | 6341  |
| 85° | 2779  | 5020  | 2927  | 5020  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 113.5  | 2.1       |
| 10°-20°   | 316.4  | 5.8       |
| 20°-30°   | 407.7  | 7.4       |
| 30°-40°   | 387.4  | 7.0       |
| 40°-50°   | 331.9  | 6.0       |
| 50°-60°   | 252.7  | 4.6       |
| 60°-70°   | 159.8  | 2.9       |
| 70°-80°   | 79.8   | 1.5       |
| 80°-90°   | 25.2   | 0.5       |
| 90°-100°  | 196.9  | 3.6       |
| 100°-110° | 668.2  | 12.1      |
| 110°-120° | 709.9  | 12.9      |
| 120°-130° | 584.4  | 10.6      |
| 130°-140° | 469.3  | 8.5       |
| 140°-150° | 354.6  | 6.4       |
| 150°-160° | 249.2  | 4.5       |
| 160°-170° | 146.7  | 2.7       |
| 170°-180° | 47.8   | 0.9       |
| 0°-30°    | 837.6  | 15.2      |
| 0°-40°    | 1225.0 | 22.3      |
| 0°-60°    | 1809.6 | 32.9      |
| 0°-90°    | 2074.4 | 37.7      |
| 90°-120°  | 1575.1 | 28.6      |
| 90°-150°  | 2983.4 | 54.2      |
| 90°-180°  | 3427.0 | 62.3      |
| 0°-180°   | 5501.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1198 | 1198 | 1198 | 1198 | 1198 |      |
| 5°   | 1333 | 1201 | 1064 | 1201 | 1333 | 132  |
| 15°  | 1504 | 1139 | 705  | 1139 | 1504 | 406  |
| 25°  | 802  | 1013 | 511  | 1013 | 802  | 381  |
| 35°  | 395  | 836  | 377  | 836  | 395  | 253  |
| 45°  | 275  | 630  | 269  | 630  | 275  | 213  |
| 55°  | 191  | 428  | 188  | 428  | 191  | 167  |
| 65°  | 99   | 260  | 112  | 260  | 99   | 101  |
| 75°  | 52   | 124  | 60   | 124  | 52   | 56   |
| 85°  | 15   | 27   | 16   | 27   | 15   | 17   |
| 90°  | 31   | 1    | 31   | 1    | 31   | 17   |
| 95°  | 108  | 33   | 108  | 33   | 108  | 140  |
| 105° | 1067 | 116  | 1067 | 116  | 1067 | 1033 |
| 115° | 1405 | 204  | 1405 | 204  | 1405 | 1375 |
| 125° | 1139 | 284  | 1139 | 284  | 1139 | 1030 |
| 135° | 944  | 333  | 944  | 333  | 944  | 734  |
| 145° | 754  | 381  | 754  | 381  | 754  | 479  |
| 155° | 634  | 433  | 634  | 433  | 634  | 296  |
| 165° | 556  | 472  | 556  | 472  | 556  | 159  |
| 175° | 501  | 492  | 501  | 492  | 501  | 49   |
| 180° | 492  | 492  | 492  | 492  | 492  |      |



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CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1246.3 | 1247.3 | 1248.4 | 1246.0 | 1246.0 | 1244.0 | 1239.7 | 1236.4 | 1227.0 | 1225.7 | 1225.7 |
| 5°     | 1332.6 | 1331.7 | 1333.4 | 1328.0 | 1320.5 | 1318.8 | 1310.9 | 1300.6 | 1289.7 | 1277.7 | 1275.1 |
| 7.5°   | 1418.3 | 1417.1 | 1413.7 | 1412.8 | 1407.0 | 1394.5 | 1381.8 | 1368.2 | 1350.2 | 1332.7 | 1323.9 |
| 10°    | 1461.6 | 1475.4 | 1467.0 | 1452.5 | 1455.4 | 1435.8 | 1425.4 | 1407.5 | 1392.5 | 1366.3 | 1360.5 |
| 12.5°  | 1504.2 | 1509.6 | 1507.0 | 1498.7 | 1494.9 | 1481.4 | 1467.4 | 1451.8 | 1424.2 | 1400.6 | 1380.1 |
| 15°    | 1504.1 | 1512.0 | 1514.0 | 1511.6 | 1513.6 | 1512.8 | 1505.3 | 1492.4 | 1468.3 | 1442.4 | 1420.0 |
| 17.5°  | 1393.0 | 1398.5 | 1412.2 | 1421.4 | 1433.1 | 1457.7 | 1469.8 | 1474.6 | 1471.0 | 1456.3 | 1440.5 |
| 20°    | 1268.5 | 1259.3 | 1297.6 | 1317.2 | 1333.8 | 1375.4 | 1411.2 | 1425.0 | 1447.0 | 1446.6 | 1442.4 |
| 22.5°  | 1092.0 | 1094.2 | 1130.5 | 1153.7 | 1202.3 | 1243.9 | 1284.7 | 1336.4 | 1379.1 | 1407.3 | 1423.8 |
| 25°    | 802.4  | 818.2  | 854.4  | 886.1  | 940.1  | 1017.6 | 1087.9 | 1169.5 | 1246.4 | 1307.2 | 1365.1 |
| 27.5°  | 602.6  | 603.8  | 632.5  | 661.7  | 693.8  | 757.2  | 845.8  | 943.2  | 1053.0 | 1143.5 | 1247.7 |
| 30°    | 516.1  | 513.6  | 525.6  | 543.6  | 571.0  | 620.1  | 686.6  | 782.4  | 891.9  | 1028.3 | 1149.9 |
| 32.5°  | 454.8  | 454.9  | 464.1  | 477.3  | 500.1  | 533.2  | 578.8  | 656.6  | 760.0  | 894.2  | 1036.7 |
| 35°    | 395.3  | 394.9  | 401.6  | 411.2  | 420.8  | 442.0  | 473.2  | 514.0  | 585.1  | 710.4  | 856.1  |
| 37.5°  | 352.8  | 354.6  | 357.8  | 363.8  | 374.4  | 386.2  | 405.0  | 432.4  | 483.0  | 557.1  | 679.6  |
| 40°    | 328.8  | 329.6  | 334.2  | 339.2  | 345.4  | 354.6  | 370.0  | 392.0  | 429.1  | 488.2  | 577.6  |
| 42.5°  | 306.8  | 307.6  | 310.9  | 315.5  | 320.4  | 329.6  | 342.3  | 361.4  | 391.4  | 437.6  | 511.4  |
| 45°    | 274.7  | 274.7  | 277.6  | 279.6  | 285.1  | 293.4  | 303.8  | 319.6  | 340.5  | 374.5  | 423.6  |
| 47.5°  | 244.5  | 244.6  | 246.5  | 250.1  | 253.6  | 260.0  | 270.3  | 283.2  | 298.3  | 324.7  | 366.6  |
| 50°    | 227.2  | 227.6  | 228.9  | 231.8  | 233.9  | 239.7  | 247.6  | 258.9  | 274.7  | 295.1  | 330.0  |
| 52.5°  | 213.3  | 213.0  | 214.6  | 215.8  | 217.3  | 221.4  | 227.3  | 237.3  | 251.4  | 269.1  | 298.1  |
| 55°    | 190.6  | 188.9  | 191.4  | 193.6  | 194.8  | 196.4  | 199.7  | 206.0  | 218.1  | 233.1  | 254.7  |
| 57.5°  | 162.3  | 161.7  | 163.4  | 165.3  | 169.3  | 173.7  | 176.5  | 180.5  | 186.8  | 197.5  | 219.0  |
| 60°    | 139.0  | 139.0  | 142.8  | 144.0  | 148.5  | 154.4  | 160.2  | 163.5  | 169.8  | 176.8  | 192.7  |
| 62.5°  | 118.4  | 118.7  | 120.4  | 121.7  | 124.3  | 131.4  | 139.6  | 146.9  | 152.8  | 159.6  | 170.1  |
| 65°    | 99.1   | 99.9   | 99.9   | 100.7  | 102.4  | 104.0  | 107.4  | 113.2  | 123.6  | 133.1  | 141.0  |
| 67.5°  | 84.1   | 84.3   | 84.5   | 85.4   | 85.9   | 87.6   | 88.9   | 91.6   | 94.0   | 103.1  | 112.8  |
| 70°    | 74.1   | 75.3   | 74.9   | 75.7   | 76.1   | 77.0   | 78.7   | 79.9   | 83.6   | 85.8   | 91.6   |
| 72.5°  | 64.7   | 65.6   | 65.6   | 66.1   | 67.2   | 67.3   | 68.6   | 70.0   | 72.3   | 74.1   | 77.2   |
| 75°    | 52.4   | 52.0   | 52.4   | 53.2   | 53.6   | 54.1   | 54.1   | 55.8   | 57.0   | 58.7   | 60.7   |
| 77.5°  | 40.4   | 40.8   | 40.8   | 40.8   | 40.9   | 41.7   | 41.6   | 42.4   | 43.6   | 44.4   | 45.4   |
| 80°    | 32.4   | 32.9   | 32.4   | 32.9   | 33.3   | 33.7   | 33.3   | 33.7   | 35.0   | 35.8   | 35.8   |
| 82.5°  | 25.1   | 25.2   | 25.4   | 25.5   | 25.6   | 25.7   | 26.3   | 26.4   | 27.3   | 27.1   | 27.5   |
| 85°    | 15.0   | 14.6   | 14.6   | 14.6   | 15.0   | 15.4   | 15.0   | 15.0   | 15.4   | 15.4   | 15.4   |
| 87.5°  | 11.6   | 11.9   | 11.9   | 11.9   | 11.9   | 11.7   | 11.3   | 12.1   | 11.9   | 12.4   | 11.9   |
| 90°    | 31.2   | 31.2   | 31.2   | 31.2   | 31.2   | 30.3   | 28.5   | 30.3   | 31.2   | 32.2   | 31.2   |
| 92.5°  | 52.5   | 54.0   | 53.2   | 56.3   | 57.0   | 62.9   | 70.8   | 82.6   | 104.0  | 123.1  | 121.4  |
| 95°    | 107.9  | 107.0  | 109.9  | 117.4  | 129.7  | 150.6  | 190.4  | 248.2  | 324.9  | 371.3  | 328.6  |
| 97.5°  | 212.5  | 220.5  | 234.3  | 257.6  | 302.9  | 371.3  | 473.8  | 579.0  | 664.9  | 633.8  | 477.4  |
| 100°   | 339.1  | 356.1  | 383.6  | 424.3  | 502.9  | 617.5  | 747.3  | 864.7  | 884.6  | 748.2  | 515.2  |
| 102.5° | 596.7  | 619.8  | 654.1  | 723.6  | 809.0  | 930.4  | 1025.3 | 1051.9 | 966.5  | 752.0  | 500.8  |
| 105°   | 1067.4 | 1080.7 | 1121.4 | 1180.1 | 1238.8 | 1270.1 | 1257.8 | 1150.7 | 953.7  | 701.8  | 472.6  |
| 107.5° | 1363.4 | 1381.0 | 1389.2 | 1392.4 | 1385.0 | 1339.2 | 1240.7 | 1079.5 | 870.6  | 648.0  | 458.6  |
| 110°   | 1452.9 | 1453.8 | 1445.3 | 1427.3 | 1386.6 | 1308.9 | 1187.6 | 1018.1 | 818.3  | 622.2  | 455.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1451.3 | 1446.3 | 1430.1 | 1400.0 | 1343.4 | 1254.3 | 1124.8 | 962.1 | 782.0 | 605.6 | 456.3 |
| 115°   | 1404.6 | 1396.0 | 1371.4 | 1327.9 | 1260.6 | 1163.0 | 1039.0 | 893.2 | 736.9 | 587.2 | 460.3 |
| 117.5° | 1321.0 | 1313.9 | 1287.8 | 1241.9 | 1173.3 | 1081.8 | 969.3  | 841.2 | 708.4 | 578.3 | 467.1 |
| 120°   | 1267.2 | 1257.8 | 1230.3 | 1185.8 | 1119.5 | 1033.3 | 932.9  | 815.5 | 693.2 | 573.0 | 471.7 |
| 122.5° | 1211.1 | 1203.2 | 1178.8 | 1135.0 | 1075.5 | 997.7  | 902.6  | 795.0 | 680.4 | 570.0 | 477.0 |
| 125°   | 1139.4 | 1131.8 | 1108.2 | 1072.1 | 1017.2 | 946.2  | 862.8  | 765.2 | 662.0 | 564.5 | 484.9 |
| 127.5° | 1076.5 | 1070.4 | 1049.9 | 1016.3 | 968.3  | 902.8  | 824.2  | 735.9 | 645.0 | 561.3 | 493.1 |
| 130°   | 1040.9 | 1033.3 | 1014.4 | 982.2  | 935.7  | 873.3  | 798.4  | 717.0 | 633.7 | 559.7 | 499.1 |
| 132.5° | 1003.7 | 996.9  | 979.5  | 947.3  | 901.6  | 842.9  | 774.2  | 698.8 | 624.5 | 559.0 | 505.2 |
| 135°   | 944.3  | 940.4  | 923.4  | 892.2  | 851.4  | 798.4  | 735.9  | 673.4 | 611.8 | 557.8 | 512.4 |
| 137.5° | 885.9  | 880.3  | 865.3  | 838.4  | 801.3  | 755.0  | 705.4  | 653.1 | 602.9 | 557.7 | 518.9 |
| 140°   | 845.8  | 840.1  | 825.9  | 801.3  | 770.9  | 729.3  | 685.7  | 640.3 | 597.6 | 556.9 | 521.9 |
| 142.5° | 805.6  | 804.5  | 791.8  | 769.4  | 740.6  | 705.8  | 668.3  | 629.7 | 592.3 | 556.9 | 524.2 |
| 145°   | 753.9  | 751.1  | 741.6  | 725.5  | 702.8  | 675.3  | 646.0  | 614.7 | 585.3 | 555.0 | 526.6 |
| 147.5° | 710.5  | 708.8  | 702.4  | 689.5  | 670.7  | 650.7  | 627.8  | 603.2 | 578.1 | 551.6 | 527.3 |
| 150°   | 684.8  | 683.8  | 678.2  | 666.8  | 652.6  | 635.5  | 615.6  | 594.8 | 572.0 | 549.3 | 526.6 |
| 152.5° | 662.8  | 662.6  | 658.4  | 648.6  | 637.4  | 622.6  | 605.8  | 586.4 | 566.7 | 545.5 | 525.1 |
| 155°   | 633.7  | 635.5  | 631.7  | 625.1  | 614.7  | 604.2  | 590.0  | 574.9 | 556.9 | 538.9 | 522.8 |
| 157.5° | 608.8  | 608.8  | 607.1  | 601.6  | 594.2  | 586.0  | 574.1  | 561.4 | 547.6 | 532.1 | 518.4 |
| 160°   | 592.9  | 592.9  | 591.9  | 587.2  | 580.6  | 574.0  | 563.5  | 553.1 | 540.8 | 527.6 | 516.2 |
| 162.5° | 577.7  | 578.5  | 577.6  | 574.3  | 567.7  | 562.6  | 553.7  | 544.8 | 534.8 | 523.7 | 513.9 |
| 165°   | 556.0  | 556.9  | 556.9  | 553.1  | 549.3  | 545.5  | 538.9  | 532.3 | 524.7 | 516.2 | 509.6 |
| 167.5° | 535.9  | 537.0  | 537.2  | 535.1  | 533.5  | 530.0  | 525.5  | 520.3 | 514.9 | 509.6 | 505.2 |
| 170°   | 523.7  | 525.6  | 526.6  | 523.7  | 522.8  | 520.9  | 517.1  | 514.3 | 509.6 | 505.7 | 502.9 |
| 172.5° | 513.9  | 515.0  | 516.0  | 514.7  | 513.7  | 512.6  | 509.6  | 507.4 | 504.3 | 501.2 | 499.9 |
| 175°   | 501.0  | 502.9  | 503.9  | 502.9  | 502.9  | 502.0  | 501.0  | 500.1 | 497.3 | 496.3 | 495.4 |
| 177.5° | 493.3  | 494.8  | 495.5  | 495.5  | 495.5  | 495.5  | 494.8  | 494.8 | 493.3 | 492.5 | 493.3 |
| 180°   | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5 | 492.5 | 492.5 | 492.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1226.4 | 1223.7 | 1221.4 | 1215.4 | 1212.4 | 1205.7 | 1204.8 | 1204.4 | 1195.7 | 1187.4 | 1185.1 |
| 5°     | 1268.5 | 1261.8 | 1251.8 | 1240.2 | 1228.1 | 1215.6 | 1207.3 | 1200.7 | 1184.0 | 1168.2 | 1159.0 |
| 7.5°   | 1310.9 | 1296.7 | 1279.4 | 1257.4 | 1238.9 | 1218.3 | 1203.0 | 1189.3 | 1165.6 | 1143.0 | 1127.7 |
| 10°    | 1342.6 | 1319.2 | 1296.4 | 1266.0 | 1242.3 | 1219.0 | 1197.3 | 1178.6 | 1151.9 | 1122.0 | 1100.7 |
| 12.5°  | 1362.2 | 1336.6 | 1305.0 | 1275.3 | 1244.6 | 1215.0 | 1186.0 | 1162.0 | 1130.7 | 1099.7 | 1074.5 |
| 15°    | 1388.8 | 1361.3 | 1323.0 | 1280.6 | 1241.0 | 1202.3 | 1169.1 | 1139.1 | 1098.3 | 1061.3 | 1030.5 |
| 17.5°  | 1410.5 | 1372.7 | 1331.5 | 1282.5 | 1236.7 | 1187.5 | 1144.6 | 1106.4 | 1060.9 | 1016.3 | 980.0  |
| 20°    | 1417.5 | 1380.1 | 1332.6 | 1283.4 | 1229.4 | 1171.5 | 1125.4 | 1083.7 | 1035.0 | 986.3  | 944.7  |
| 22.5°  | 1413.2 | 1384.1 | 1331.2 | 1272.5 | 1217.1 | 1156.5 | 1104.3 | 1056.1 | 1002.1 | 952.4  | 904.1  |
| 25°    | 1383.8 | 1373.8 | 1323.9 | 1259.7 | 1196.5 | 1126.2 | 1065.8 | 1012.9 | 951.4  | 898.1  | 845.6  |
| 27.5°  | 1315.2 | 1336.8 | 1305.9 | 1237.6 | 1167.3 | 1091.8 | 1024.0 | 963.8  | 899.9  | 840.0  | 787.7  |
| 30°    | 1249.4 | 1298.9 | 1285.6 | 1222.3 | 1143.6 | 1069.6 | 993.4  | 930.6  | 862.3  | 800.7  | 749.1  |
| 32.5°  | 1159.1 | 1241.0 | 1253.9 | 1201.0 | 1119.7 | 1038.3 | 958.5  | 895.9  | 824.7  | 759.8  | 709.5  |
| 35°    | 1015.5 | 1137.8 | 1194.0 | 1160.3 | 1078.7 | 990.9  | 908.5  | 835.7  | 764.1  | 700.0  | 650.0  |
| 37.5°  | 844.1  | 1010.7 | 1104.3 | 1106.8 | 1031.8 | 940.5  | 850.8  | 778.5  | 705.2  | 642.3  | 588.3  |
| 40°    | 732.9  | 913.5  | 1035.4 | 1062.5 | 999.2  | 900.6  | 809.8  | 736.2  | 664.6  | 603.0  | 541.0  |
| 42.5°  | 633.0  | 812.9  | 962.9  | 1009.9 | 959.6  | 861.6  | 770.6  | 693.6  | 624.0  | 565.7  | 502.4  |
| 45°    | 511.9  | 669.2  | 834.5  | 918.5  | 890.6  | 799.9  | 703.8  | 630.5  | 565.2  | 514.8  | 454.0  |
| 47.5°  | 431.8  | 542.7  | 702.5  | 816.3  | 815.8  | 733.0  | 638.4  | 568.3  | 507.7  | 460.5  | 411.2  |
| 50°    | 386.2  | 482.7  | 618.0  | 747.1  | 757.8  | 688.4  | 598.4  | 529.0  | 472.4  | 422.8  | 383.3  |
| 52.5°  | 345.3  | 424.9  | 546.4  | 670.1  | 700.9  | 640.7  | 553.5  | 489.3  | 434.4  | 388.9  | 355.0  |
| 55°    | 291.7  | 353.4  | 445.7  | 561.4  | 608.1  | 565.6  | 488.2  | 428.3  | 383.7  | 345.4  | 316.3  |
| 57.5°  | 246.8  | 293.0  | 367.1  | 460.3  | 514.5  | 487.9  | 424.0  | 375.3  | 337.2  | 302.6  | 279.6  |
| 60°    | 218.5  | 256.3  | 319.2  | 397.1  | 457.0  | 438.2  | 383.7  | 338.3  | 305.9  | 275.9  | 254.3  |
| 62.5°  | 191.8  | 224.4  | 278.3  | 341.4  | 396.4  | 388.7  | 344.1  | 306.1  | 277.6  | 250.3  | 232.0  |
| 65°    | 154.4  | 178.1  | 220.1  | 269.7  | 313.8  | 317.6  | 285.5  | 259.7  | 234.3  | 212.6  | 196.4  |
| 67.5°  | 122.9  | 138.4  | 168.0  | 209.8  | 242.8  | 254.6  | 235.1  | 215.3  | 195.2  | 178.5  | 164.4  |
| 70°    | 103.6  | 116.1  | 137.8  | 171.5  | 201.9  | 214.3  | 203.1  | 187.7  | 170.2  | 156.5  | 144.4  |
| 72.5°  | 84.0   | 96.1   | 112.1  | 136.8  | 162.9  | 176.3  | 172.4  | 161.4  | 147.2  | 135.8  | 124.4  |
| 75°    | 63.3   | 67.0   | 77.9   | 94.5   | 114.9  | 126.5  | 129.5  | 123.6  | 112.3  | 103.6  | 96.9   |
| 77.5°  | 46.8   | 49.0   | 54.2   | 62.9   | 76.2   | 86.7   | 90.9   | 90.3   | 82.5   | 77.4   | 71.2   |
| 80°    | 37.4   | 38.7   | 41.2   | 44.9   | 55.0   | 65.3   | 68.2   | 68.2   | 62.9   | 60.7   | 54.5   |
| 82.5°  | 28.5   | 29.4   | 30.9   | 32.9   | 37.6   | 46.7   | 50.0   | 50.6   | 47.2   | 44.4   | 39.5   |
| 85°    | 16.2   | 15.8   | 16.6   | 17.9   | 18.8   | 21.2   | 26.3   | 27.1   | 26.3   | 22.9   | 21.6   |
| 87.5°  | 10.8   | 9.8    | 8.8    | 7.9    | 7.9    | 7.8    | 8.7    | 9.9    | 9.0    | 8.8    | 8.6    |
| 90°    | 25.6   | 18.9   | 14.2   | 11.3   | 9.5    | 7.6    | 3.8    | 1.0    | 3.8    | 7.6    | 9.5    |
| 92.5°  | 94.5   | 64.4   | 43.0   | 34.1   | 27.6   | 23.5   | 16.6   | 11.6   | 16.6   | 23.5   | 27.6   |
| 95°    | 218.7  | 136.4  | 92.8   | 70.1   | 55.0   | 46.4   | 36.9   | 33.2   | 36.9   | 46.4   | 55.0   |
| 97.5°  | 294.7  | 179.9  | 125.2  | 99.5   | 82.0   | 69.1   | 59.1   | 54.0   | 59.1   | 69.1   | 82.0   |
| 100°   | 310.6  | 195.1  | 144.9  | 118.4  | 99.5   | 84.3   | 75.7   | 72.9   | 75.7   | 84.3   | 99.5   |
| 102.5° | 311.4  | 208.7  | 162.3  | 135.8  | 116.1  | 100.9  | 92.5   | 90.3   | 92.5   | 100.9  | 116.1  |
| 105°   | 316.3  | 232.0  | 187.5  | 161.0  | 140.1  | 126.0  | 119.4  | 115.5  | 119.4  | 126.0  | 140.1  |
| 107.5° | 329.4  | 255.9  | 212.7  | 186.1  | 165.3  | 152.3  | 145.9  | 142.8  | 145.9  | 152.3  | 165.3  |
| 110°   | 340.0  | 271.8  | 230.2  | 202.7  | 182.8  | 170.5  | 164.8  | 161.0  | 164.8  | 170.5  | 182.8  |





TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 351.4 | 287.0 | 246.8 | 218.6 | 199.4 | 187.9 | 181.5 | 177.7 | 181.5 | 187.9 | 199.4 |
| 115°   | 368.4 | 310.6 | 269.9 | 244.3 | 225.4 | 214.0 | 208.4 | 203.7 | 208.4 | 214.0 | 225.4 |
| 117.5° | 386.6 | 332.4 | 294.7 | 268.2 | 250.1 | 240.0 | 234.3 | 230.6 | 234.3 | 240.0 | 250.1 |
| 120°   | 398.8 | 347.6 | 310.6 | 284.1 | 265.2 | 256.7 | 250.9 | 247.2 | 250.9 | 256.7 | 265.2 |
| 122.5° | 409.4 | 362.0 | 327.3 | 300.0 | 281.1 | 271.8 | 266.1 | 263.1 | 266.1 | 271.8 | 281.1 |
| 125°   | 426.2 | 383.6 | 349.5 | 322.9 | 304.0 | 292.7 | 287.0 | 284.1 | 287.0 | 292.7 | 304.0 |
| 127.5° | 441.9 | 403.7 | 370.5 | 343.2 | 325.1 | 312.6 | 304.6 | 300.8 | 304.6 | 312.6 | 325.1 |
| 130°   | 451.8 | 415.8 | 382.6 | 356.1 | 337.2 | 323.9 | 314.5 | 310.6 | 314.5 | 323.9 | 337.2 |
| 132.5° | 461.6 | 426.4 | 394.8 | 368.3 | 348.5 | 334.5 | 324.3 | 319.8 | 324.3 | 334.5 | 348.5 |
| 135°   | 474.5 | 441.3 | 411.1 | 384.5 | 362.7 | 348.5 | 337.2 | 333.4 | 337.2 | 348.5 | 362.7 |
| 137.5° | 484.4 | 453.5 | 423.5 | 398.9 | 377.3 | 362.2 | 350.8 | 346.3 | 350.8 | 362.2 | 377.3 |
| 140°   | 489.7 | 460.3 | 431.9 | 407.2 | 386.5 | 371.3 | 359.9 | 356.1 | 359.9 | 371.3 | 386.5 |
| 142.5° | 494.2 | 465.6 | 438.0 | 414.8 | 394.8 | 379.6 | 369.0 | 366.0 | 369.0 | 379.6 | 394.8 |
| 145°   | 500.1 | 473.5 | 448.0 | 427.1 | 408.2 | 394.0 | 384.5 | 380.7 | 384.5 | 394.0 | 408.2 |
| 147.5° | 503.3 | 480.0 | 455.9 | 437.4 | 421.7 | 408.5 | 399.5 | 396.6 | 399.5 | 408.5 | 421.7 |
| 150°   | 504.8 | 483.1 | 461.2 | 444.2 | 430.0 | 417.7 | 410.1 | 407.2 | 410.1 | 417.7 | 430.0 |
| 152.5° | 505.6 | 486.1 | 466.5 | 451.0 | 437.6 | 426.7 | 419.2 | 417.8 | 419.2 | 426.7 | 437.6 |
| 155°   | 506.7 | 490.6 | 474.5 | 460.3 | 449.9 | 439.4 | 433.7 | 432.8 | 433.7 | 439.4 | 449.9 |
| 157.5° | 506.7 | 493.8 | 480.2 | 468.2 | 459.9 | 450.9 | 446.3 | 445.3 | 446.3 | 450.9 | 459.9 |
| 160°   | 506.7 | 495.4 | 484.0 | 473.5 | 465.9 | 458.4 | 454.6 | 453.6 | 454.6 | 458.4 | 465.9 |
| 162.5° | 506.0 | 496.1 | 486.2 | 478.1 | 471.2 | 465.2 | 461.5 | 462.0 | 461.5 | 465.2 | 471.2 |
| 165°   | 503.9 | 497.3 | 488.7 | 483.1 | 478.3 | 472.6 | 470.8 | 471.7 | 470.8 | 472.6 | 478.3 |
| 167.5° | 502.6 | 497.0 | 490.8 | 487.2 | 483.8 | 480.2 | 478.5 | 479.6 | 478.5 | 480.2 | 483.8 |
| 170°   | 501.0 | 496.3 | 491.5 | 488.7 | 486.8 | 484.0 | 483.1 | 484.9 | 483.1 | 484.0 | 486.8 |
| 172.5° | 498.7 | 495.5 | 492.3 | 490.2 | 489.1 | 486.2 | 486.8 | 488.0 | 486.8 | 486.2 | 489.1 |
| 175°   | 496.3 | 494.4 | 492.5 | 491.5 | 491.5 | 489.7 | 490.6 | 491.5 | 490.6 | 489.7 | 491.5 |
| 177.5° | 494.8 | 493.3 | 492.5 | 492.5 | 492.5 | 491.0 | 491.7 | 493.3 | 491.7 | 491.0 | 492.5 |
| 180°   | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1180.8 | 1178.4 | 1174.1 | 1167.4 | 1163.4 | 1156.4 | 1151.8 | 1154.5 | 1155.1 | 1154.5 | 1153.8 |
| 5°     | 1149.1 | 1140.3 | 1128.2 | 1116.6 | 1105.8 | 1094.1 | 1087.4 | 1084.5 | 1078.7 | 1075.4 | 1073.7 |
| 7.5°   | 1110.7 | 1095.6 | 1078.6 | 1058.3 | 1041.0 | 1023.0 | 1013.7 | 1009.1 | 997.2  | 990.8  | 985.0  |
| 10°    | 1082.1 | 1058.3 | 1041.3 | 1014.6 | 998.4  | 974.7  | 958.5  | 958.9  | 942.6  | 933.4  | 926.8  |
| 12.5°  | 1050.4 | 1024.3 | 996.0  | 972.0  | 949.4  | 930.4  | 910.9  | 902.9  | 885.7  | 876.9  | 858.9  |
| 15°    | 998.0  | 967.6  | 937.7  | 905.1  | 882.3  | 852.7  | 824.4  | 789.9  | 762.0  | 737.8  | 731.2  |
| 17.5°  | 940.7  | 903.1  | 873.0  | 834.9  | 795.7  | 746.0  | 713.2  | 693.2  | 676.4  | 663.7  | 654.1  |
| 20°    | 901.4  | 863.2  | 831.1  | 773.6  | 720.8  | 687.1  | 663.0  | 647.6  | 630.1  | 616.4  | 608.9  |
| 22.5°  | 860.1  | 820.2  | 776.5  | 712.4  | 671.2  | 644.2  | 622.6  | 605.0  | 593.1  | 582.4  | 575.6  |
| 25°    | 801.5  | 757.8  | 685.8  | 641.7  | 608.5  | 580.2  | 565.2  | 554.3  | 541.8  | 527.3  | 520.7  |
| 27.5°  | 739.6  | 670.1  | 618.4  | 585.6  | 553.8  | 535.4  | 522.0  | 505.8  | 494.6  | 488.1  | 481.2  |
| 30°    | 693.3  | 623.9  | 583.5  | 547.7  | 525.2  | 504.8  | 489.0  | 479.9  | 469.0  | 457.8  | 453.2  |
| 32.5°  | 641.7  | 586.2  | 547.6  | 517.7  | 494.9  | 477.5  | 465.0  | 450.2  | 442.4  | 435.5  | 425.9  |
| 35°    | 577.6  | 535.7  | 500.3  | 476.1  | 454.4  | 440.3  | 425.7  | 417.0  | 402.8  | 397.1  | 393.3  |
| 37.5°  | 523.3  | 486.9  | 460.6  | 435.0  | 417.9  | 402.3  | 393.4  | 379.4  | 373.3  | 365.3  | 357.3  |
| 40°    | 492.8  | 457.0  | 431.5  | 410.7  | 391.6  | 379.9  | 368.8  | 357.5  | 348.3  | 344.6  | 335.0  |
| 42.5°  | 461.5  | 432.4  | 406.9  | 384.1  | 371.3  | 359.0  | 344.8  | 336.6  | 327.0  | 321.0  | 315.0  |
| 45°    | 418.2  | 392.5  | 370.8  | 352.0  | 337.9  | 325.1  | 315.8  | 302.1  | 296.8  | 284.6  | 279.6  |
| 47.5°  | 380.3  | 356.3  | 335.7  | 317.9  | 304.0  | 295.6  | 282.3  | 271.5  | 262.9  | 255.4  | 249.1  |
| 50°    | 353.4  | 333.4  | 313.4  | 297.6  | 285.1  | 273.0  | 259.3  | 253.9  | 240.5  | 236.8  | 233.1  |
| 52.5°  | 328.7  | 309.7  | 291.4  | 275.9  | 263.4  | 251.7  | 239.6  | 232.5  | 223.6  | 219.8  | 217.1  |
| 55°    | 294.2  | 275.9  | 258.4  | 244.7  | 232.2  | 220.1  | 212.6  | 203.9  | 199.7  | 196.8  | 193.6  |
| 57.5°  | 259.6  | 243.1  | 229.8  | 215.8  | 203.3  | 193.7  | 185.0  | 179.8  | 175.5  | 171.6  | 167.6  |
| 60°    | 237.7  | 221.8  | 209.8  | 196.8  | 183.9  | 176.0  | 169.4  | 163.1  | 158.2  | 152.3  | 150.7  |
| 62.5°  | 214.3  | 200.5  | 189.5  | 176.8  | 165.7  | 158.4  | 152.1  | 146.2  | 140.1  | 131.7  | 129.3  |
| 65°    | 182.3  | 171.5  | 159.8  | 149.4  | 139.4  | 132.3  | 123.2  | 116.5  | 114.1  | 113.2  | 112.8  |
| 67.5°  | 153.4  | 143.1  | 133.1  | 122.5  | 113.3  | 106.8  | 102.2  | 101.1  | 99.4   | 98.9   | 97.8   |
| 70°    | 134.0  | 124.4  | 114.5  | 104.4  | 95.7   | 94.5   | 92.8   | 91.2   | 89.0   | 88.2   | 87.4   |
| 72.5°  | 116.7  | 106.8  | 96.8   | 88.8   | 85.0   | 83.5   | 81.9   | 80.1   | 78.8   | 77.9   | 77.4   |
| 75°    | 89.4   | 80.3   | 73.7   | 70.8   | 68.6   | 67.4   | 64.9   | 63.7   | 62.9   | 61.6   | 61.1   |
| 77.5°  | 64.4   | 59.3   | 56.2   | 54.4   | 52.2   | 50.9   | 49.4   | 48.2   | 47.3   | 47.0   | 46.4   |
| 80°    | 49.1   | 46.6   | 44.5   | 42.1   | 41.2   | 39.5   | 39.1   | 37.9   | 38.3   | 37.0   | 37.0   |
| 82.5°  | 38.2   | 35.0   | 33.2   | 32.0   | 31.2   | 29.9   | 29.4   | 28.9   | 28.9   | 28.0   | 28.0   |
| 85°    | 19.6   | 18.8   | 17.9   | 17.0   | 17.0   | 15.8   | 16.2   | 15.8   | 15.8   | 15.0   | 14.6   |
| 87.5°  | 8.6    | 8.8    | 9.1    | 10.4   | 11.6   | 11.4   | 11.3   | 10.8   | 10.4   | 10.8   | 10.6   |
| 90°    | 11.3   | 14.2   | 18.9   | 25.6   | 31.2   | 32.2   | 31.2   | 30.3   | 28.5   | 30.3   | 31.2   |
| 92.5°  | 34.1   | 43.0   | 64.4   | 94.5   | 121.4  | 123.1  | 104.0  | 82.6   | 70.8   | 62.9   | 57.0   |
| 95°    | 70.1   | 92.8   | 136.4  | 218.7  | 328.6  | 371.3  | 324.9  | 248.2  | 190.4  | 150.6  | 129.7  |
| 97.5°  | 99.5   | 125.2  | 179.9  | 294.7  | 477.4  | 633.8  | 664.9  | 579.0  | 473.8  | 371.3  | 302.9  |
| 100°   | 118.4  | 144.9  | 195.1  | 310.6  | 515.2  | 748.2  | 884.6  | 864.7  | 747.3  | 617.5  | 502.9  |
| 102.5° | 135.8  | 162.3  | 208.7  | 311.4  | 500.8  | 752.0  | 966.5  | 1051.9 | 1025.3 | 930.4  | 809.0  |
| 105°   | 161.0  | 187.5  | 232.0  | 316.3  | 472.6  | 701.8  | 953.7  | 1150.7 | 1257.8 | 1270.1 | 1238.8 |
| 107.5° | 186.1  | 212.7  | 255.9  | 329.4  | 458.6  | 648.0  | 870.6  | 1079.5 | 1240.7 | 1339.2 | 1385.0 |
| 110°   | 202.7  | 230.2  | 271.8  | 340.0  | 455.6  | 622.2  | 818.3  | 1018.1 | 1187.6 | 1308.9 | 1386.6 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°   | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 218.6 | 246.8 | 287.0 | 351.4 | 456.3 | 605.6 | 782.0 | 962.1 | 1124.8 | 1254.3 | 1343.4 |
| 115°   | 244.3 | 269.9 | 310.6 | 368.4 | 460.3 | 587.2 | 736.9 | 893.2 | 1039.0 | 1163.0 | 1260.6 |
| 117.5° | 268.2 | 294.7 | 332.4 | 386.6 | 467.1 | 578.3 | 708.4 | 841.2 | 969.3  | 1081.8 | 1173.3 |
| 120°   | 284.1 | 310.6 | 347.6 | 398.8 | 471.7 | 573.0 | 693.2 | 815.5 | 932.9  | 1033.3 | 1119.5 |
| 122.5° | 300.0 | 327.3 | 362.0 | 409.4 | 477.0 | 570.0 | 680.4 | 795.0 | 902.6  | 997.7  | 1075.5 |
| 125°   | 322.9 | 349.5 | 383.6 | 426.2 | 484.9 | 564.5 | 662.0 | 765.2 | 862.8  | 946.2  | 1017.2 |
| 127.5° | 343.2 | 370.5 | 403.7 | 441.9 | 493.1 | 561.3 | 645.0 | 735.9 | 824.2  | 902.8  | 968.3  |
| 130°   | 356.1 | 382.6 | 415.8 | 451.8 | 499.1 | 559.7 | 633.7 | 717.0 | 798.4  | 873.3  | 935.7  |
| 132.5° | 368.3 | 394.8 | 426.4 | 461.6 | 505.2 | 559.0 | 624.5 | 698.8 | 774.2  | 842.9  | 901.6  |
| 135°   | 384.5 | 411.1 | 441.3 | 474.5 | 512.4 | 557.8 | 611.8 | 673.4 | 735.9  | 798.4  | 851.4  |
| 137.5° | 398.9 | 423.5 | 453.5 | 484.4 | 518.9 | 557.7 | 602.9 | 653.1 | 705.4  | 755.0  | 801.3  |
| 140°   | 407.2 | 431.9 | 460.3 | 489.7 | 521.9 | 556.9 | 597.6 | 640.3 | 685.7  | 729.3  | 770.9  |
| 142.5° | 414.8 | 438.0 | 465.6 | 494.2 | 524.2 | 556.9 | 592.3 | 629.7 | 668.3  | 705.8  | 740.6  |
| 145°   | 427.1 | 448.0 | 473.5 | 500.1 | 526.6 | 555.0 | 585.3 | 614.7 | 646.0  | 675.3  | 702.8  |
| 147.5° | 437.4 | 455.9 | 480.0 | 503.3 | 527.3 | 551.6 | 578.1 | 603.2 | 627.8  | 650.7  | 670.7  |
| 150°   | 444.2 | 461.2 | 483.1 | 504.8 | 526.6 | 549.3 | 572.0 | 594.8 | 615.6  | 635.5  | 652.6  |
| 152.5° | 451.0 | 466.5 | 486.1 | 505.6 | 525.1 | 545.5 | 566.7 | 586.4 | 605.8  | 622.6  | 637.4  |
| 155°   | 460.3 | 474.5 | 490.6 | 506.7 | 522.8 | 538.9 | 556.9 | 574.9 | 590.0  | 604.2  | 614.7  |
| 157.5° | 468.2 | 480.2 | 493.8 | 506.7 | 518.4 | 532.1 | 547.6 | 561.4 | 574.1  | 586.0  | 594.2  |
| 160°   | 473.5 | 484.0 | 495.4 | 506.7 | 516.2 | 527.6 | 540.8 | 553.1 | 563.5  | 574.0  | 580.6  |
| 162.5° | 478.1 | 486.2 | 496.1 | 506.0 | 513.9 | 523.7 | 534.8 | 544.8 | 553.7  | 562.6  | 567.7  |
| 165°   | 483.1 | 488.7 | 497.3 | 503.9 | 509.6 | 516.2 | 524.7 | 532.3 | 538.9  | 545.5  | 549.3  |
| 167.5° | 487.2 | 490.8 | 497.0 | 502.6 | 505.2 | 509.6 | 514.9 | 520.3 | 525.5  | 530.0  | 533.5  |
| 170°   | 488.7 | 491.5 | 496.3 | 501.0 | 502.9 | 505.7 | 509.6 | 514.3 | 517.1  | 520.9  | 522.8  |
| 172.5° | 490.2 | 492.3 | 495.5 | 498.7 | 499.9 | 501.2 | 504.3 | 507.4 | 509.6  | 512.6  | 513.7  |
| 175°   | 491.5 | 492.5 | 494.4 | 496.3 | 495.4 | 496.3 | 497.3 | 500.1 | 501.0  | 502.0  | 502.9  |
| 177.5° | 492.5 | 492.5 | 493.3 | 494.8 | 493.3 | 492.5 | 493.3 | 494.8 | 494.8  | 495.5  | 495.5  |
| 180°   | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5  | 492.5  | 492.5  |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1150.1 | 1150.8 | 1149.8 | 1150.5 | 1149.8 | 1150.8 | 1150.1 | 1153.8 | 1154.5 | 1155.1 | 1154.5 |
| 5°     | 1071.6 | 1066.7 | 1065.8 | 1064.5 | 1065.8 | 1066.7 | 1071.6 | 1073.7 | 1075.4 | 1078.7 | 1084.5 |
| 7.5°   | 978.0  | 977.1  | 975.1  | 972.2  | 975.1  | 977.1  | 978.0  | 985.0  | 990.8  | 997.2  | 1009.1 |
| 10°    | 917.6  | 915.6  | 915.2  | 912.2  | 915.2  | 915.6  | 917.6  | 926.8  | 933.4  | 942.6  | 958.9  |
| 12.5°  | 847.1  | 833.6  | 832.3  | 825.0  | 832.3  | 833.6  | 847.1  | 858.9  | 876.9  | 885.7  | 902.9  |
| 15°    | 721.2  | 718.8  | 710.4  | 705.0  | 710.4  | 718.8  | 721.2  | 731.2  | 737.8  | 762.0  | 789.9  |
| 17.5°  | 649.3  | 641.2  | 638.5  | 637.4  | 638.5  | 641.2  | 649.3  | 654.1  | 663.7  | 676.4  | 693.2  |
| 20°    | 603.0  | 595.6  | 594.3  | 593.5  | 594.3  | 595.6  | 603.0  | 608.9  | 616.4  | 630.1  | 647.6  |
| 22.5°  | 571.0  | 563.2  | 560.0  | 557.5  | 560.0  | 563.2  | 571.0  | 575.6  | 582.4  | 593.1  | 605.0  |
| 25°    | 516.5  | 513.6  | 511.9  | 511.0  | 511.9  | 513.6  | 516.5  | 520.7  | 527.3  | 541.8  | 554.3  |
| 27.5°  | 473.8  | 467.3  | 466.1  | 464.0  | 466.1  | 467.3  | 473.8  | 481.2  | 488.1  | 494.6  | 505.8  |
| 30°    | 449.5  | 447.4  | 444.5  | 442.0  | 444.5  | 447.4  | 449.5  | 453.2  | 457.8  | 469.0  | 479.9  |
| 32.5°  | 420.9  | 419.1  | 416.5  | 415.3  | 416.5  | 419.1  | 420.9  | 425.9  | 435.5  | 442.4  | 450.2  |
| 35°    | 389.1  | 383.3  | 380.8  | 377.1  | 380.8  | 383.3  | 389.1  | 393.3  | 397.1  | 402.8  | 417.0  |
| 37.5°  | 355.6  | 352.5  | 349.0  | 350.3  | 349.0  | 352.5  | 355.6  | 357.3  | 365.3  | 373.3  | 379.4  |
| 40°    | 329.6  | 327.5  | 326.7  | 326.3  | 326.7  | 327.5  | 329.6  | 335.0  | 344.6  | 348.3  | 357.5  |
| 42.5°  | 309.0  | 303.2  | 301.1  | 301.0  | 301.1  | 303.2  | 309.0  | 315.0  | 321.0  | 327.0  | 336.6  |
| 45°    | 277.6  | 272.1  | 268.4  | 268.9  | 268.4  | 272.1  | 277.6  | 279.6  | 284.6  | 296.8  | 302.1  |
| 47.5°  | 245.5  | 245.3  | 243.0  | 243.7  | 243.0  | 245.3  | 245.5  | 249.1  | 255.4  | 262.9  | 271.5  |
| 50°    | 230.2  | 227.6  | 226.0  | 226.4  | 226.0  | 227.6  | 230.2  | 233.1  | 236.8  | 240.5  | 253.9  |
| 52.5°  | 215.5  | 213.4  | 212.0  | 213.8  | 212.0  | 213.4  | 215.5  | 217.1  | 219.8  | 223.6  | 232.5  |
| 55°    | 191.4  | 188.9  | 188.5  | 188.1  | 188.5  | 188.9  | 191.4  | 193.6  | 196.8  | 199.7  | 203.9  |
| 57.5°  | 164.5  | 162.9  | 160.4  | 159.3  | 160.4  | 162.9  | 164.5  | 167.6  | 171.6  | 175.5  | 179.8  |
| 60°    | 145.2  | 141.9  | 137.8  | 137.3  | 137.8  | 141.9  | 145.2  | 150.7  | 152.3  | 158.2  | 163.1  |
| 62.5°  | 127.6  | 126.9  | 126.1  | 126.0  | 126.1  | 126.9  | 127.6  | 129.3  | 131.7  | 140.1  | 146.2  |
| 65°    | 111.9  | 111.5  | 111.9  | 112.3  | 111.9  | 111.5  | 111.9  | 112.8  | 113.2  | 114.1  | 116.5  |
| 67.5°  | 97.6   | 96.8   | 96.0   | 96.4   | 96.0   | 96.8   | 97.6   | 97.8   | 98.9   | 99.4   | 101.1  |
| 70°    | 86.6   | 86.2   | 85.8   | 85.8   | 85.8   | 86.2   | 86.6   | 87.4   | 88.2   | 89.0   | 91.2   |
| 72.5°  | 75.9   | 75.8   | 75.4   | 75.1   | 75.4   | 75.8   | 75.9   | 77.4   | 77.9   | 78.8   | 80.1   |
| 75°    | 60.7   | 59.9   | 59.9   | 59.9   | 59.9   | 59.9   | 60.7   | 61.1   | 61.6   | 62.9   | 63.7   |
| 77.5°  | 46.3   | 45.9   | 45.4   | 45.1   | 45.4   | 45.9   | 46.3   | 46.4   | 47.0   | 47.3   | 48.2   |
| 80°    | 36.6   | 36.2   | 35.8   | 35.8   | 35.8   | 36.2   | 36.6   | 37.0   | 37.0   | 38.3   | 37.9   |
| 82.5°  | 28.0   | 27.6   | 27.5   | 27.1   | 27.5   | 27.6   | 28.0   | 28.0   | 28.0   | 28.9   | 28.9   |
| 85°    | 15.0   | 15.4   | 15.0   | 15.8   | 15.0   | 15.4   | 15.0   | 14.6   | 15.0   | 15.8   | 15.8   |
| 87.5°  | 10.6   | 10.3   | 10.6   | 10.3   | 10.6   | 10.3   | 10.6   | 10.6   | 10.8   | 10.4   | 10.8   |
| 90°    | 31.2   | 31.2   | 31.2   | 31.2   | 31.2   | 31.2   | 31.2   | 31.2   | 30.3   | 28.5   | 30.3   |
| 92.5°  | 56.3   | 53.2   | 54.0   | 52.5   | 54.0   | 53.2   | 56.3   | 57.0   | 62.9   | 70.8   | 82.6   |
| 95°    | 117.4  | 109.9  | 107.0  | 107.9  | 107.0  | 109.9  | 117.4  | 129.7  | 150.6  | 190.4  | 248.2  |
| 97.5°  | 257.6  | 234.3  | 220.5  | 212.5  | 220.5  | 234.3  | 257.6  | 302.9  | 371.3  | 473.8  | 579.0  |
| 100°   | 424.3  | 383.6  | 356.1  | 339.1  | 356.1  | 383.6  | 424.3  | 502.9  | 617.5  | 747.3  | 864.7  |
| 102.5° | 723.6  | 654.1  | 619.8  | 596.7  | 619.8  | 654.1  | 723.6  | 809.0  | 930.4  | 1025.3 | 1051.9 |
| 105°   | 1180.1 | 1121.4 | 1080.7 | 1067.4 | 1080.7 | 1121.4 | 1180.1 | 1238.8 | 1270.1 | 1257.8 | 1150.7 |
| 107.5° | 1392.4 | 1389.2 | 1381.0 | 1363.4 | 1381.0 | 1389.2 | 1392.4 | 1385.0 | 1339.2 | 1240.7 | 1079.5 |
| 110°   | 1427.3 | 1445.3 | 1453.8 | 1452.9 | 1453.8 | 1445.3 | 1427.3 | 1386.6 | 1308.9 | 1187.6 | 1018.1 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 1400.0 | 1430.1 | 1446.3 | 1451.3 | 1446.3 | 1430.1 | 1400.0 | 1343.4 | 1254.3 | 1124.8 | 962.1 |
| 115°   | 1327.9 | 1371.4 | 1396.0 | 1404.6 | 1396.0 | 1371.4 | 1327.9 | 1260.6 | 1163.0 | 1039.0 | 893.2 |
| 117.5° | 1241.9 | 1287.8 | 1313.9 | 1321.0 | 1313.9 | 1287.8 | 1241.9 | 1173.3 | 1081.8 | 969.3  | 841.2 |
| 120°   | 1185.8 | 1230.3 | 1257.8 | 1267.2 | 1257.8 | 1230.3 | 1185.8 | 1119.5 | 1033.3 | 932.9  | 815.5 |
| 122.5° | 1135.0 | 1178.8 | 1203.2 | 1211.1 | 1203.2 | 1178.8 | 1135.0 | 1075.5 | 997.7  | 902.6  | 795.0 |
| 125°   | 1072.1 | 1108.2 | 1131.8 | 1139.4 | 1131.8 | 1108.2 | 1072.1 | 1017.2 | 946.2  | 862.8  | 765.2 |
| 127.5° | 1016.3 | 1049.9 | 1070.4 | 1076.5 | 1070.4 | 1049.9 | 1016.3 | 968.3  | 902.8  | 824.2  | 735.9 |
| 130°   | 982.2  | 1014.4 | 1033.3 | 1040.9 | 1033.3 | 1014.4 | 982.2  | 935.7  | 873.3  | 798.4  | 717.0 |
| 132.5° | 947.3  | 979.5  | 996.9  | 1003.7 | 996.9  | 979.5  | 947.3  | 901.6  | 842.9  | 774.2  | 698.8 |
| 135°   | 892.2  | 923.4  | 940.4  | 944.3  | 940.4  | 923.4  | 892.2  | 851.4  | 798.4  | 735.9  | 673.4 |
| 137.5° | 838.4  | 865.3  | 880.3  | 885.9  | 880.3  | 865.3  | 838.4  | 801.3  | 755.0  | 705.4  | 653.1 |
| 140°   | 801.3  | 825.9  | 840.1  | 845.8  | 840.1  | 825.9  | 801.3  | 770.9  | 729.3  | 685.7  | 640.3 |
| 142.5° | 769.4  | 791.8  | 804.5  | 805.6  | 804.5  | 791.8  | 769.4  | 740.6  | 705.8  | 668.3  | 629.7 |
| 145°   | 725.5  | 741.6  | 751.1  | 753.9  | 751.1  | 741.6  | 725.5  | 702.8  | 675.3  | 646.0  | 614.7 |
| 147.5° | 689.5  | 702.4  | 708.8  | 710.5  | 708.8  | 702.4  | 689.5  | 670.7  | 650.7  | 627.8  | 603.2 |
| 150°   | 666.8  | 678.2  | 683.8  | 684.8  | 683.8  | 678.2  | 666.8  | 652.6  | 635.5  | 615.6  | 594.8 |
| 152.5° | 648.6  | 658.4  | 662.6  | 662.8  | 662.6  | 658.4  | 648.6  | 637.4  | 622.6  | 605.8  | 586.4 |
| 155°   | 625.1  | 631.7  | 635.5  | 633.7  | 635.5  | 631.7  | 625.1  | 614.7  | 604.2  | 590.0  | 574.9 |
| 157.5° | 601.6  | 607.1  | 608.8  | 608.8  | 608.8  | 607.1  | 601.6  | 594.2  | 586.0  | 574.1  | 561.4 |
| 160°   | 587.2  | 591.9  | 592.9  | 592.9  | 592.9  | 591.9  | 587.2  | 580.6  | 574.0  | 563.5  | 553.1 |
| 162.5° | 574.3  | 577.6  | 578.5  | 577.7  | 578.5  | 577.6  | 574.3  | 567.7  | 562.6  | 553.7  | 544.8 |
| 165°   | 553.1  | 556.9  | 556.9  | 556.0  | 556.9  | 556.9  | 553.1  | 549.3  | 545.5  | 538.9  | 532.3 |
| 167.5° | 535.1  | 537.2  | 537.0  | 535.9  | 537.0  | 537.2  | 535.1  | 533.5  | 530.0  | 525.5  | 520.3 |
| 170°   | 523.7  | 526.6  | 525.6  | 523.7  | 525.6  | 526.6  | 523.7  | 522.8  | 520.9  | 517.1  | 514.3 |
| 172.5° | 514.7  | 516.0  | 515.0  | 513.9  | 515.0  | 516.0  | 514.7  | 513.7  | 512.6  | 509.6  | 507.4 |
| 175°   | 502.9  | 503.9  | 502.9  | 501.0  | 502.9  | 503.9  | 502.9  | 502.9  | 502.0  | 501.0  | 500.1 |
| 177.5° | 495.5  | 495.5  | 494.8  | 493.3  | 494.8  | 495.5  | 495.5  | 495.5  | 495.5  | 494.8  | 494.8 |
| 180°   | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1151.8 | 1156.4 | 1163.4 | 1167.4 | 1174.1 | 1178.4 | 1180.8 | 1185.1 | 1187.4 | 1195.7 | 1204.4 |
| 5°     | 1087.4 | 1094.1 | 1105.8 | 1116.6 | 1128.2 | 1140.3 | 1149.1 | 1159.0 | 1168.2 | 1184.0 | 1200.7 |
| 7.5°   | 1013.7 | 1023.0 | 1041.0 | 1058.3 | 1078.6 | 1095.6 | 1110.7 | 1127.7 | 1143.0 | 1165.6 | 1189.3 |
| 10°    | 958.5  | 974.7  | 998.4  | 1014.6 | 1041.3 | 1058.3 | 1082.1 | 1100.7 | 1122.0 | 1151.9 | 1178.6 |
| 12.5°  | 910.9  | 930.4  | 949.4  | 972.0  | 996.0  | 1024.3 | 1050.4 | 1074.5 | 1099.7 | 1130.7 | 1162.0 |
| 15°    | 824.4  | 852.7  | 882.3  | 905.1  | 937.7  | 967.6  | 998.0  | 1030.5 | 1061.3 | 1098.3 | 1139.1 |
| 17.5°  | 713.2  | 746.0  | 795.7  | 834.9  | 873.0  | 903.1  | 940.7  | 980.0  | 1016.3 | 1060.9 | 1106.4 |
| 20°    | 663.0  | 687.1  | 720.8  | 773.6  | 831.1  | 863.2  | 901.4  | 944.7  | 986.3  | 1035.0 | 1083.7 |
| 22.5°  | 622.6  | 644.2  | 671.2  | 712.4  | 776.5  | 820.2  | 860.1  | 904.1  | 952.4  | 1002.1 | 1056.1 |
| 25°    | 565.2  | 580.2  | 608.5  | 641.7  | 685.8  | 757.8  | 801.5  | 845.6  | 898.1  | 951.4  | 1012.9 |
| 27.5°  | 522.0  | 535.4  | 553.8  | 585.6  | 618.4  | 670.1  | 739.6  | 787.7  | 840.0  | 899.9  | 963.8  |
| 30°    | 489.0  | 504.8  | 525.2  | 547.7  | 583.5  | 623.9  | 693.3  | 749.1  | 800.7  | 862.3  | 930.6  |
| 32.5°  | 465.0  | 477.5  | 494.9  | 517.7  | 547.6  | 586.2  | 641.7  | 709.5  | 759.8  | 824.7  | 895.9  |
| 35°    | 425.7  | 440.3  | 454.4  | 476.1  | 500.3  | 535.7  | 577.6  | 650.0  | 700.0  | 764.1  | 835.7  |
| 37.5°  | 393.4  | 402.3  | 417.9  | 435.0  | 460.6  | 486.9  | 523.3  | 588.3  | 642.3  | 705.2  | 778.5  |
| 40°    | 368.8  | 379.9  | 391.6  | 410.7  | 431.5  | 457.0  | 492.8  | 541.0  | 603.0  | 664.6  | 736.2  |
| 42.5°  | 344.8  | 359.0  | 371.3  | 384.1  | 406.9  | 432.4  | 461.5  | 502.4  | 565.7  | 624.0  | 693.6  |
| 45°    | 315.8  | 325.1  | 337.9  | 352.0  | 370.8  | 392.5  | 418.2  | 454.0  | 514.8  | 565.2  | 630.5  |
| 47.5°  | 282.3  | 295.6  | 304.0  | 317.9  | 335.7  | 356.3  | 380.3  | 411.2  | 460.5  | 507.7  | 568.3  |
| 50°    | 259.3  | 273.0  | 285.1  | 297.6  | 313.4  | 333.4  | 353.4  | 383.3  | 422.8  | 472.4  | 529.0  |
| 52.5°  | 239.6  | 251.7  | 263.4  | 275.9  | 291.4  | 309.7  | 328.7  | 355.0  | 388.9  | 434.4  | 489.3  |
| 55°    | 212.6  | 220.1  | 232.2  | 244.7  | 258.4  | 275.9  | 294.2  | 316.3  | 345.4  | 383.7  | 428.3  |
| 57.5°  | 185.0  | 193.7  | 203.3  | 215.8  | 229.8  | 243.1  | 259.6  | 279.6  | 302.6  | 337.2  | 375.3  |
| 60°    | 169.4  | 176.0  | 183.9  | 196.8  | 209.8  | 221.8  | 237.7  | 254.3  | 275.9  | 305.9  | 338.3  |
| 62.5°  | 152.1  | 158.4  | 165.7  | 176.8  | 189.5  | 200.5  | 214.3  | 232.0  | 250.3  | 277.6  | 306.1  |
| 65°    | 123.2  | 132.3  | 139.4  | 149.4  | 159.8  | 171.5  | 182.3  | 196.4  | 212.6  | 234.3  | 259.7  |
| 67.5°  | 102.2  | 106.8  | 113.3  | 122.5  | 133.1  | 143.1  | 153.4  | 164.4  | 178.5  | 195.2  | 215.3  |
| 70°    | 92.8   | 94.5   | 95.7   | 104.4  | 114.5  | 124.4  | 134.0  | 144.4  | 156.5  | 170.2  | 187.7  |
| 72.5°  | 81.9   | 83.5   | 85.0   | 88.8   | 96.8   | 106.8  | 116.7  | 124.4  | 135.8  | 147.2  | 161.4  |
| 75°    | 64.9   | 67.4   | 68.6   | 70.8   | 73.7   | 80.3   | 89.4   | 96.9   | 103.6  | 112.3  | 123.6  |
| 77.5°  | 49.4   | 50.9   | 52.2   | 54.4   | 56.2   | 59.3   | 64.4   | 71.2   | 77.4   | 82.5   | 90.3   |
| 80°    | 39.1   | 39.5   | 41.2   | 42.1   | 44.5   | 46.6   | 49.1   | 54.5   | 60.7   | 62.9   | 68.2   |
| 82.5°  | 29.4   | 29.9   | 31.2   | 32.0   | 33.2   | 35.0   | 38.2   | 39.5   | 44.4   | 47.2   | 50.6   |
| 85°    | 16.2   | 15.8   | 17.0   | 17.0   | 17.9   | 18.8   | 19.6   | 21.6   | 22.9   | 26.3   | 27.1   |
| 87.5°  | 11.3   | 11.4   | 11.6   | 10.4   | 9.1    | 8.8    | 8.6    | 8.6    | 8.8    | 9.0    | 9.9    |
| 90°    | 31.2   | 32.2   | 31.2   | 25.6   | 18.9   | 14.2   | 11.3   | 9.5    | 7.6    | 3.8    | 1.0    |
| 92.5°  | 104.0  | 123.1  | 121.4  | 94.5   | 64.4   | 43.0   | 34.1   | 27.6   | 23.5   | 16.6   | 11.6   |
| 95°    | 324.9  | 371.3  | 328.6  | 218.7  | 136.4  | 92.8   | 70.1   | 55.0   | 46.4   | 36.9   | 33.2   |
| 97.5°  | 664.9  | 633.8  | 477.4  | 294.7  | 179.9  | 125.2  | 99.5   | 82.0   | 69.1   | 59.1   | 54.0   |
| 100°   | 884.6  | 748.2  | 515.2  | 310.6  | 195.1  | 144.9  | 118.4  | 99.5   | 84.3   | 75.7   | 72.9   |
| 102.5° | 966.5  | 752.0  | 500.8  | 311.4  | 208.7  | 162.3  | 135.8  | 116.1  | 100.9  | 92.5   | 90.3   |
| 105°   | 953.7  | 701.8  | 472.6  | 316.3  | 232.0  | 187.5  | 161.0  | 140.1  | 126.0  | 119.4  | 115.5  |
| 107.5° | 870.6  | 648.0  | 458.6  | 329.4  | 255.9  | 212.7  | 186.1  | 165.3  | 152.3  | 145.9  | 142.8  |
| 110°   | 818.3  | 622.2  | 455.6  | 340.0  | 271.8  | 230.2  | 202.7  | 182.8  | 170.5  | 164.8  | 161.0  |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 782.0 | 605.6 | 456.3 | 351.4 | 287.0 | 246.8 | 218.6 | 199.4 | 187.9 | 181.5 | 177.7 |
| 115°   | 736.9 | 587.2 | 460.3 | 368.4 | 310.6 | 269.9 | 244.3 | 225.4 | 214.0 | 208.4 | 203.7 |
| 117.5° | 708.4 | 578.3 | 467.1 | 386.6 | 332.4 | 294.7 | 268.2 | 250.1 | 240.0 | 234.3 | 230.6 |
| 120°   | 693.2 | 573.0 | 471.7 | 398.8 | 347.6 | 310.6 | 284.1 | 265.2 | 256.7 | 250.9 | 247.2 |
| 122.5° | 680.4 | 570.0 | 477.0 | 409.4 | 362.0 | 327.3 | 300.0 | 281.1 | 271.8 | 266.1 | 263.1 |
| 125°   | 662.0 | 564.5 | 484.9 | 426.2 | 383.6 | 349.5 | 322.9 | 304.0 | 292.7 | 287.0 | 284.1 |
| 127.5° | 645.0 | 561.3 | 493.1 | 441.9 | 403.7 | 370.5 | 343.2 | 325.1 | 312.6 | 304.6 | 300.8 |
| 130°   | 633.7 | 559.7 | 499.1 | 451.8 | 415.8 | 382.6 | 356.1 | 337.2 | 323.9 | 314.5 | 310.6 |
| 132.5° | 624.5 | 559.0 | 505.2 | 461.6 | 426.4 | 394.8 | 368.3 | 348.5 | 334.5 | 324.3 | 319.8 |
| 135°   | 611.8 | 557.8 | 512.4 | 474.5 | 441.3 | 411.1 | 384.5 | 362.7 | 348.5 | 337.2 | 333.4 |
| 137.5° | 602.9 | 557.7 | 518.9 | 484.4 | 453.5 | 423.5 | 398.9 | 377.3 | 362.2 | 350.8 | 346.3 |
| 140°   | 597.6 | 556.9 | 521.9 | 489.7 | 460.3 | 431.9 | 407.2 | 386.5 | 371.3 | 359.9 | 356.1 |
| 142.5° | 592.3 | 556.9 | 524.2 | 494.2 | 465.6 | 438.0 | 414.8 | 394.8 | 379.6 | 369.0 | 366.0 |
| 145°   | 585.3 | 555.0 | 526.6 | 500.1 | 473.5 | 448.0 | 427.1 | 408.2 | 394.0 | 384.5 | 380.7 |
| 147.5° | 578.1 | 551.6 | 527.3 | 503.3 | 480.0 | 455.9 | 437.4 | 421.7 | 408.5 | 399.5 | 396.6 |
| 150°   | 572.0 | 549.3 | 526.6 | 504.8 | 483.1 | 461.2 | 444.2 | 430.0 | 417.7 | 410.1 | 407.2 |
| 152.5° | 566.7 | 545.5 | 525.1 | 505.6 | 486.1 | 466.5 | 451.0 | 437.6 | 426.7 | 419.2 | 417.8 |
| 155°   | 556.9 | 538.9 | 522.8 | 506.7 | 490.6 | 474.5 | 460.3 | 449.9 | 439.4 | 433.7 | 432.8 |
| 157.5° | 547.6 | 532.1 | 518.4 | 506.7 | 493.8 | 480.2 | 468.2 | 459.9 | 450.9 | 446.3 | 445.3 |
| 160°   | 540.8 | 527.6 | 516.2 | 506.7 | 495.4 | 484.0 | 473.5 | 465.9 | 458.4 | 454.6 | 453.6 |
| 162.5° | 534.8 | 523.7 | 513.9 | 506.0 | 496.1 | 486.2 | 478.1 | 471.2 | 465.2 | 461.5 | 462.0 |
| 165°   | 524.7 | 516.2 | 509.6 | 503.9 | 497.3 | 488.7 | 483.1 | 478.3 | 472.6 | 470.8 | 471.7 |
| 167.5° | 514.9 | 509.6 | 505.2 | 502.6 | 497.0 | 490.8 | 487.2 | 483.8 | 480.2 | 478.5 | 479.6 |
| 170°   | 509.6 | 505.7 | 502.9 | 501.0 | 496.3 | 491.5 | 488.7 | 486.8 | 484.0 | 483.1 | 484.9 |
| 172.5° | 504.3 | 501.2 | 499.9 | 498.7 | 495.5 | 492.3 | 490.2 | 489.1 | 486.2 | 486.8 | 488.0 |
| 175°   | 497.3 | 496.3 | 495.4 | 496.3 | 494.4 | 492.5 | 491.5 | 491.5 | 489.7 | 490.6 | 491.5 |
| 177.5° | 493.3 | 492.5 | 493.3 | 494.8 | 493.3 | 492.5 | 492.5 | 492.5 | 491.0 | 491.7 | 493.3 |
| 180°   | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1204.8 | 1205.7 | 1212.4 | 1215.4 | 1221.4 | 1223.7 | 1226.4 | 1225.7 | 1225.7 | 1227.0 | 1236.4 |
| 5°     | 1207.3 | 1215.6 | 1228.1 | 1240.2 | 1251.8 | 1261.8 | 1268.5 | 1275.1 | 1277.7 | 1289.7 | 1300.6 |
| 7.5°   | 1203.0 | 1218.3 | 1238.9 | 1257.4 | 1279.4 | 1296.7 | 1310.9 | 1323.9 | 1332.7 | 1350.2 | 1368.2 |
| 10°    | 1197.3 | 1219.0 | 1242.3 | 1266.0 | 1296.4 | 1319.2 | 1342.6 | 1360.5 | 1366.3 | 1392.5 | 1407.5 |
| 12.5°  | 1186.0 | 1215.0 | 1244.6 | 1275.3 | 1305.0 | 1336.6 | 1362.2 | 1380.1 | 1400.6 | 1424.2 | 1451.8 |
| 15°    | 1169.1 | 1202.3 | 1241.0 | 1280.6 | 1323.0 | 1361.3 | 1388.8 | 1420.0 | 1442.4 | 1468.3 | 1492.4 |
| 17.5°  | 1144.6 | 1187.5 | 1236.7 | 1282.5 | 1331.5 | 1372.7 | 1410.5 | 1440.5 | 1456.3 | 1471.0 | 1474.6 |
| 20°    | 1125.4 | 1171.5 | 1229.4 | 1283.4 | 1332.6 | 1380.1 | 1417.5 | 1442.4 | 1446.6 | 1447.0 | 1425.0 |
| 22.5°  | 1104.3 | 1156.5 | 1217.1 | 1272.5 | 1331.2 | 1384.1 | 1413.2 | 1423.8 | 1407.3 | 1379.1 | 1336.4 |
| 25°    | 1065.8 | 1126.2 | 1196.5 | 1259.7 | 1323.9 | 1373.8 | 1383.8 | 1365.1 | 1307.2 | 1246.4 | 1169.5 |
| 27.5°  | 1024.0 | 1091.8 | 1167.3 | 1237.6 | 1305.9 | 1336.8 | 1315.2 | 1247.7 | 1143.5 | 1053.0 | 943.2  |
| 30°    | 993.4  | 1069.6 | 1143.6 | 1222.3 | 1285.6 | 1298.9 | 1249.4 | 1149.9 | 1028.3 | 891.9  | 782.4  |
| 32.5°  | 958.5  | 1038.3 | 1119.7 | 1201.0 | 1253.9 | 1241.0 | 1159.1 | 1036.7 | 894.2  | 760.0  | 656.6  |
| 35°    | 908.5  | 990.9  | 1078.7 | 1160.3 | 1194.0 | 1137.8 | 1015.5 | 856.1  | 710.4  | 585.1  | 514.0  |
| 37.5°  | 850.8  | 940.5  | 1031.8 | 1106.8 | 1104.3 | 1010.7 | 844.1  | 679.6  | 557.1  | 483.0  | 432.4  |
| 40°    | 809.8  | 900.6  | 999.2  | 1062.5 | 1035.4 | 913.5  | 732.9  | 577.6  | 488.2  | 429.1  | 392.0  |
| 42.5°  | 770.6  | 861.6  | 959.6  | 1009.9 | 962.9  | 812.9  | 633.0  | 511.4  | 437.6  | 391.4  | 361.4  |
| 45°    | 703.8  | 799.9  | 890.6  | 918.5  | 834.5  | 669.2  | 511.9  | 423.6  | 374.5  | 340.5  | 319.6  |
| 47.5°  | 638.4  | 733.0  | 815.8  | 816.3  | 702.5  | 542.7  | 431.8  | 366.6  | 324.7  | 298.3  | 283.2  |
| 50°    | 598.4  | 688.4  | 757.8  | 747.1  | 618.0  | 482.7  | 386.2  | 330.0  | 295.1  | 274.7  | 258.9  |
| 52.5°  | 553.5  | 640.7  | 700.9  | 670.1  | 546.4  | 424.9  | 345.3  | 298.1  | 269.1  | 251.4  | 237.3  |
| 55°    | 488.2  | 565.6  | 608.1  | 561.4  | 445.7  | 353.4  | 291.7  | 254.7  | 233.1  | 218.1  | 206.0  |
| 57.5°  | 424.0  | 487.9  | 514.5  | 460.3  | 367.1  | 293.0  | 246.8  | 219.0  | 197.5  | 186.8  | 180.5  |
| 60°    | 383.7  | 438.2  | 457.0  | 397.1  | 319.2  | 256.3  | 218.5  | 192.7  | 176.8  | 169.8  | 163.5  |
| 62.5°  | 344.1  | 388.7  | 396.4  | 341.4  | 278.3  | 224.4  | 191.8  | 170.1  | 159.6  | 152.8  | 146.9  |
| 65°    | 285.5  | 317.6  | 313.8  | 269.7  | 220.1  | 178.1  | 154.4  | 141.0  | 133.1  | 123.6  | 113.2  |
| 67.5°  | 235.1  | 254.6  | 242.8  | 209.8  | 168.0  | 138.4  | 122.9  | 112.8  | 103.1  | 94.0   | 91.6   |
| 70°    | 203.1  | 214.3  | 201.9  | 171.5  | 137.8  | 116.1  | 103.6  | 91.6   | 85.8   | 83.6   | 79.9   |
| 72.5°  | 172.4  | 176.3  | 162.9  | 136.8  | 112.1  | 96.1   | 84.0   | 77.2   | 74.1   | 72.3   | 70.0   |
| 75°    | 129.5  | 126.5  | 114.9  | 94.5   | 77.9   | 67.0   | 63.3   | 60.7   | 58.7   | 57.0   | 55.8   |
| 77.5°  | 90.9   | 86.7   | 76.2   | 62.9   | 54.2   | 49.0   | 46.8   | 45.4   | 44.4   | 43.6   | 42.4   |
| 80°    | 68.2   | 65.3   | 55.0   | 44.9   | 41.2   | 38.7   | 37.4   | 35.8   | 35.8   | 35.0   | 33.7   |
| 82.5°  | 50.0   | 46.7   | 37.6   | 32.9   | 30.9   | 29.4   | 28.5   | 27.5   | 27.1   | 27.3   | 26.4   |
| 85°    | 26.3   | 21.2   | 18.8   | 17.9   | 16.6   | 15.8   | 16.2   | 15.4   | 15.4   | 15.4   | 15.0   |
| 87.5°  | 8.7    | 7.8    | 7.9    | 7.9    | 8.8    | 9.8    | 10.8   | 11.9   | 12.4   | 11.9   | 12.1   |
| 90°    | 3.8    | 7.6    | 9.5    | 11.3   | 14.2   | 18.9   | 25.6   | 31.2   | 32.2   | 31.2   | 30.3   |
| 92.5°  | 16.6   | 23.5   | 27.6   | 34.1   | 43.0   | 64.4   | 94.5   | 121.4  | 123.1  | 104.0  | 82.6   |
| 95°    | 36.9   | 46.4   | 55.0   | 70.1   | 92.8   | 136.4  | 218.7  | 328.6  | 371.3  | 324.9  | 248.2  |
| 97.5°  | 59.1   | 69.1   | 82.0   | 99.5   | 125.2  | 179.9  | 294.7  | 477.4  | 633.8  | 664.9  | 579.0  |
| 100°   | 75.7   | 84.3   | 99.5   | 118.4  | 144.9  | 195.1  | 310.6  | 515.2  | 748.2  | 884.6  | 864.7  |
| 102.5° | 92.5   | 100.9  | 116.1  | 135.8  | 162.3  | 208.7  | 311.4  | 500.8  | 752.0  | 966.5  | 1051.9 |
| 105°   | 119.4  | 126.0  | 140.1  | 161.0  | 187.5  | 232.0  | 316.3  | 472.6  | 701.8  | 953.7  | 1150.7 |
| 107.5° | 145.9  | 152.3  | 165.3  | 186.1  | 212.7  | 255.9  | 329.4  | 458.6  | 648.0  | 870.6  | 1079.5 |
| 110°   | 164.8  | 170.5  | 182.8  | 202.7  | 230.2  | 271.8  | 340.0  | 455.6  | 622.2  | 818.3  | 1018.1 |





TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.5 | 187.9 | 199.4 | 218.6 | 246.8 | 287.0 | 351.4 | 456.3 | 605.6 | 782.0 | 962.1 |
| 115°   | 208.4 | 214.0 | 225.4 | 244.3 | 269.9 | 310.6 | 368.4 | 460.3 | 587.2 | 736.9 | 893.2 |
| 117.5° | 234.3 | 240.0 | 250.1 | 268.2 | 294.7 | 332.4 | 386.6 | 467.1 | 578.3 | 708.4 | 841.2 |
| 120°   | 250.9 | 256.7 | 265.2 | 284.1 | 310.6 | 347.6 | 398.8 | 471.7 | 573.0 | 693.2 | 815.5 |
| 122.5° | 266.1 | 271.8 | 281.1 | 300.0 | 327.3 | 362.0 | 409.4 | 477.0 | 570.0 | 680.4 | 795.0 |
| 125°   | 287.0 | 292.7 | 304.0 | 322.9 | 349.5 | 383.6 | 426.2 | 484.9 | 564.5 | 662.0 | 765.2 |
| 127.5° | 304.6 | 312.6 | 325.1 | 343.2 | 370.5 | 403.7 | 441.9 | 493.1 | 561.3 | 645.0 | 735.9 |
| 130°   | 314.5 | 323.9 | 337.2 | 356.1 | 382.6 | 415.8 | 451.8 | 499.1 | 559.7 | 633.7 | 717.0 |
| 132.5° | 324.3 | 334.5 | 348.5 | 368.3 | 394.8 | 426.4 | 461.6 | 505.2 | 559.0 | 624.5 | 698.8 |
| 135°   | 337.2 | 348.5 | 362.7 | 384.5 | 411.1 | 441.3 | 474.5 | 512.4 | 557.8 | 611.8 | 673.4 |
| 137.5° | 350.8 | 362.2 | 377.3 | 398.9 | 423.5 | 453.5 | 484.4 | 518.9 | 557.7 | 602.9 | 653.1 |
| 140°   | 359.9 | 371.3 | 386.5 | 407.2 | 431.9 | 460.3 | 489.7 | 521.9 | 556.9 | 597.6 | 640.3 |
| 142.5° | 369.0 | 379.6 | 394.8 | 414.8 | 438.0 | 465.6 | 494.2 | 524.2 | 556.9 | 592.3 | 629.7 |
| 145°   | 384.5 | 394.0 | 408.2 | 427.1 | 448.0 | 473.5 | 500.1 | 526.6 | 555.0 | 585.3 | 614.7 |
| 147.5° | 399.5 | 408.5 | 421.7 | 437.4 | 455.9 | 480.0 | 503.3 | 527.3 | 551.6 | 578.1 | 603.2 |
| 150°   | 410.1 | 417.7 | 430.0 | 444.2 | 461.2 | 483.1 | 504.8 | 526.6 | 549.3 | 572.0 | 594.8 |
| 152.5° | 419.2 | 426.7 | 437.6 | 451.0 | 466.5 | 486.1 | 505.6 | 525.1 | 545.5 | 566.7 | 586.4 |
| 155°   | 433.7 | 439.4 | 449.9 | 460.3 | 474.5 | 490.6 | 506.7 | 522.8 | 538.9 | 556.9 | 574.9 |
| 157.5° | 446.3 | 450.9 | 459.9 | 468.2 | 480.2 | 493.8 | 506.7 | 518.4 | 532.1 | 547.6 | 561.4 |
| 160°   | 454.6 | 458.4 | 465.9 | 473.5 | 484.0 | 495.4 | 506.7 | 516.2 | 527.6 | 540.8 | 553.1 |
| 162.5° | 461.5 | 465.2 | 471.2 | 478.1 | 486.2 | 496.1 | 506.0 | 513.9 | 523.7 | 534.8 | 544.8 |
| 165°   | 470.8 | 472.6 | 478.3 | 483.1 | 488.7 | 497.3 | 503.9 | 509.6 | 516.2 | 524.7 | 532.3 |
| 167.5° | 478.5 | 480.2 | 483.8 | 487.2 | 490.8 | 497.0 | 502.6 | 505.2 | 509.6 | 514.9 | 520.3 |
| 170°   | 483.1 | 484.0 | 486.8 | 488.7 | 491.5 | 496.3 | 501.0 | 502.9 | 505.7 | 509.6 | 514.3 |
| 172.5° | 486.8 | 486.2 | 489.1 | 490.2 | 492.3 | 495.5 | 498.7 | 499.9 | 501.2 | 504.3 | 507.4 |
| 175°   | 490.6 | 489.7 | 491.5 | 491.5 | 492.5 | 494.4 | 496.3 | 495.4 | 496.3 | 497.3 | 500.1 |
| 177.5° | 491.7 | 491.0 | 492.5 | 492.5 | 492.5 | 493.3 | 494.8 | 493.3 | 492.5 | 493.3 | 494.8 |
| 180°   | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 | 492.5 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 | 1197.8 |
| 2.5°   | 1239.7 | 1244.0 | 1246.0 | 1246.0 | 1248.4 | 1247.3 | 1246.3 |
| 5°     | 1310.9 | 1318.8 | 1320.5 | 1328.0 | 1333.4 | 1331.7 | 1332.6 |
| 7.5°   | 1381.8 | 1394.5 | 1407.0 | 1412.8 | 1413.7 | 1417.1 | 1418.3 |
| 10°    | 1425.4 | 1435.8 | 1455.4 | 1452.5 | 1467.0 | 1475.4 | 1461.6 |
| 12.5°  | 1467.4 | 1481.4 | 1494.9 | 1498.7 | 1507.0 | 1509.6 | 1504.2 |
| 15°    | 1505.3 | 1512.8 | 1513.6 | 1511.6 | 1514.0 | 1512.0 | 1504.1 |
| 17.5°  | 1469.8 | 1457.7 | 1433.1 | 1421.4 | 1412.2 | 1398.5 | 1393.0 |
| 20°    | 1411.2 | 1375.4 | 1333.8 | 1317.2 | 1297.6 | 1259.3 | 1268.5 |
| 22.5°  | 1284.7 | 1243.9 | 1202.3 | 1153.7 | 1130.5 | 1094.2 | 1092.0 |
| 25°    | 1087.9 | 1017.6 | 940.1  | 886.1  | 854.4  | 818.2  | 802.4  |
| 27.5°  | 845.8  | 757.2  | 693.8  | 661.7  | 632.5  | 603.8  | 602.6  |
| 30°    | 686.6  | 620.1  | 571.0  | 543.6  | 525.6  | 513.6  | 516.1  |
| 32.5°  | 578.8  | 533.2  | 500.1  | 477.3  | 464.1  | 454.9  | 454.8  |
| 35°    | 473.2  | 442.0  | 420.8  | 411.2  | 401.6  | 394.9  | 395.3  |
| 37.5°  | 405.0  | 386.2  | 374.4  | 363.8  | 357.8  | 354.6  | 352.8  |
| 40°    | 370.0  | 354.6  | 345.4  | 339.2  | 334.2  | 329.6  | 328.8  |
| 42.5°  | 342.3  | 329.6  | 320.4  | 315.5  | 310.9  | 307.6  | 306.8  |
| 45°    | 303.8  | 293.4  | 285.1  | 279.6  | 277.6  | 274.7  | 274.7  |
| 47.5°  | 270.3  | 260.0  | 253.6  | 250.1  | 246.5  | 244.6  | 244.5  |
| 50°    | 247.6  | 239.7  | 233.9  | 231.8  | 228.9  | 227.6  | 227.2  |
| 52.5°  | 227.3  | 221.4  | 217.3  | 215.8  | 214.6  | 213.0  | 213.3  |
| 55°    | 199.7  | 196.4  | 194.8  | 193.6  | 191.4  | 188.9  | 190.6  |
| 57.5°  | 176.5  | 173.7  | 169.3  | 165.3  | 163.4  | 161.7  | 162.3  |
| 60°    | 160.2  | 154.4  | 148.5  | 144.0  | 142.8  | 139.0  | 139.0  |
| 62.5°  | 139.6  | 131.4  | 124.3  | 121.7  | 120.4  | 118.7  | 118.4  |
| 65°    | 107.4  | 104.0  | 102.4  | 100.7  | 99.9   | 99.9   | 99.1   |
| 67.5°  | 88.9   | 87.6   | 85.9   | 85.4   | 84.5   | 84.3   | 84.1   |
| 70°    | 78.7   | 77.0   | 76.1   | 75.7   | 74.9   | 75.3   | 74.1   |
| 72.5°  | 68.6   | 67.3   | 67.2   | 66.1   | 65.6   | 65.6   | 64.7   |
| 75°    | 54.1   | 54.1   | 53.6   | 53.2   | 52.4   | 52.0   | 52.4   |
| 77.5°  | 41.6   | 41.7   | 40.9   | 40.8   | 40.8   | 40.8   | 40.4   |
| 80°    | 33.3   | 33.7   | 33.3   | 32.9   | 32.4   | 32.9   | 32.4   |
| 82.5°  | 26.3   | 25.7   | 25.6   | 25.5   | 25.4   | 25.2   | 25.1   |
| 85°    | 15.0   | 15.4   | 15.0   | 14.6   | 14.6   | 14.6   | 15.0   |
| 87.5°  | 11.3   | 11.7   | 11.9   | 11.9   | 11.9   | 11.9   | 11.6   |
| 90°    | 28.5   | 30.3   | 31.2   | 31.2   | 31.2   | 31.2   | 31.2   |
| 92.5°  | 70.8   | 62.9   | 57.0   | 56.3   | 53.2   | 54.0   | 52.5   |
| 95°    | 190.4  | 150.6  | 129.7  | 117.4  | 109.9  | 107.0  | 107.9  |
| 97.5°  | 473.8  | 371.3  | 302.9  | 257.6  | 234.3  | 220.5  | 212.5  |
| 100°   | 747.3  | 617.5  | 502.9  | 424.3  | 383.6  | 356.1  | 339.1  |
| 102.5° | 1025.3 | 930.4  | 809.0  | 723.6  | 654.1  | 619.8  | 596.7  |
| 105°   | 1257.8 | 1270.1 | 1238.8 | 1180.1 | 1121.4 | 1080.7 | 1067.4 |
| 107.5° | 1240.7 | 1339.2 | 1385.0 | 1392.4 | 1389.2 | 1381.0 | 1363.4 |
| 110°   | 1187.6 | 1308.9 | 1386.6 | 1427.3 | 1445.3 | 1453.8 | 1452.9 |



TEST NUMBER: P331701-930

CATALOG NUMBER: S122RDIP-S675D1080U930-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1124.8 | 1254.3 | 1343.4 | 1400.0 | 1430.1 | 1446.3 | 1451.3 |
| 115°   | 1039.0 | 1163.0 | 1260.6 | 1327.9 | 1371.4 | 1396.0 | 1404.6 |
| 117.5° | 969.3  | 1081.8 | 1173.3 | 1241.9 | 1287.8 | 1313.9 | 1321.0 |
| 120°   | 932.9  | 1033.3 | 1119.5 | 1185.8 | 1230.3 | 1257.8 | 1267.2 |
| 122.5° | 902.6  | 997.7  | 1075.5 | 1135.0 | 1178.8 | 1203.2 | 1211.1 |
| 125°   | 862.8  | 946.2  | 1017.2 | 1072.1 | 1108.2 | 1131.8 | 1139.4 |
| 127.5° | 824.2  | 902.8  | 968.3  | 1016.3 | 1049.9 | 1070.4 | 1076.5 |
| 130°   | 798.4  | 873.3  | 935.7  | 982.2  | 1014.4 | 1033.3 | 1040.9 |
| 132.5° | 774.2  | 842.9  | 901.6  | 947.3  | 979.5  | 996.9  | 1003.7 |
| 135°   | 735.9  | 798.4  | 851.4  | 892.2  | 923.4  | 940.4  | 944.3  |
| 137.5° | 705.4  | 755.0  | 801.3  | 838.4  | 865.3  | 880.3  | 885.9  |
| 140°   | 685.7  | 729.3  | 770.9  | 801.3  | 825.9  | 840.1  | 845.8  |
| 142.5° | 668.3  | 705.8  | 740.6  | 769.4  | 791.8  | 804.5  | 805.6  |
| 145°   | 646.0  | 675.3  | 702.8  | 725.5  | 741.6  | 751.1  | 753.9  |
| 147.5° | 627.8  | 650.7  | 670.7  | 689.5  | 702.4  | 708.8  | 710.5  |
| 150°   | 615.6  | 635.5  | 652.6  | 666.8  | 678.2  | 683.8  | 684.8  |
| 152.5° | 605.8  | 622.6  | 637.4  | 648.6  | 658.4  | 662.6  | 662.8  |
| 155°   | 590.0  | 604.2  | 614.7  | 625.1  | 631.7  | 635.5  | 633.7  |
| 157.5° | 574.1  | 586.0  | 594.2  | 601.6  | 607.1  | 608.8  | 608.8  |
| 160°   | 563.5  | 574.0  | 580.6  | 587.2  | 591.9  | 592.9  | 592.9  |
| 162.5° | 553.7  | 562.6  | 567.7  | 574.3  | 577.6  | 578.5  | 577.7  |
| 165°   | 538.9  | 545.5  | 549.3  | 553.1  | 556.9  | 556.9  | 556.0  |
| 167.5° | 525.5  | 530.0  | 533.5  | 535.1  | 537.2  | 537.0  | 535.9  |
| 170°   | 517.1  | 520.9  | 522.8  | 523.7  | 526.6  | 525.6  | 523.7  |
| 172.5° | 509.6  | 512.6  | 513.7  | 514.7  | 516.0  | 515.0  | 513.9  |
| 175°   | 501.0  | 502.0  | 502.9  | 502.9  | 503.9  | 502.9  | 501.0  |
| 177.5° | 494.8  | 495.5  | 495.5  | 495.5  | 495.5  | 494.8  | 493.3  |
| 180°   | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  | 492.5  |

(END OF REPORT)