

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: P332573-940

Luminaire Tested: **S124DIP-S575D1205U940-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332573-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIP-S575D1205U940-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6149.5 lumens
Efficiency: N/A
Efficacy: 124.5 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Indirect

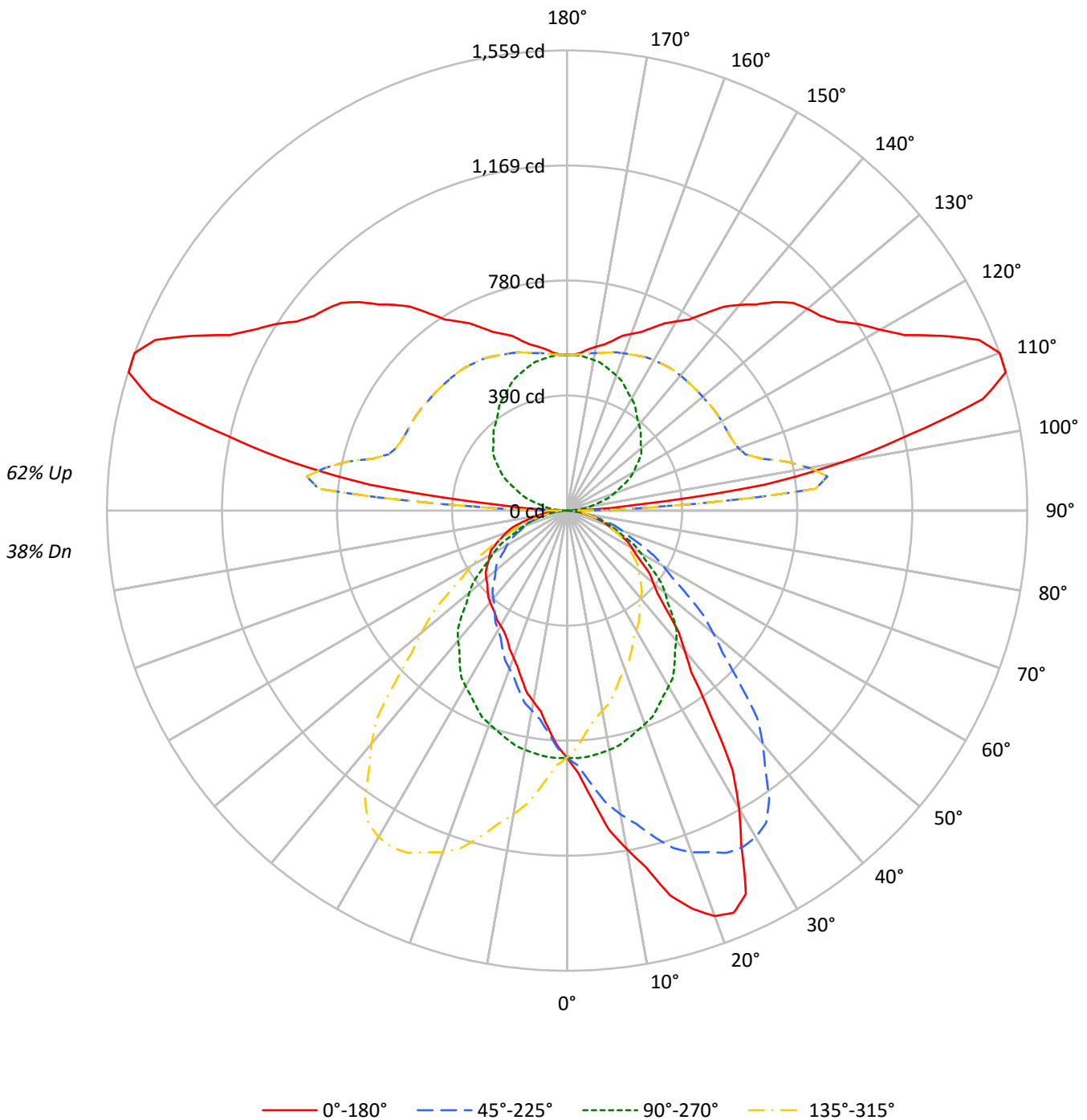
Input Watts (W): 49.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

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 | 76 | 76 | 76 | 60 | 60 | 60 | 45 | 45 | 45 | 38 |
| 1 | 95 | 91 | 87 | 84 | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 51 | 50 | 40 | 39 | 38 | 32 |
| 2 | 87 | 80 | 74 | 69 | 78 | 72 | 67 | 63 | 59 | 55 | 52 | 47 | 44 | 42 | 35 | 34 | 32 | 27 |
| 3 | 79 | 70 | 63 | 57 | 72 | 64 | 58 | 53 | 52 | 48 | 44 | 41 | 38 | 36 | 31 | 29 | 28 | 23 |
| 4 | 73 | 62 | 54 | 49 | 66 | 57 | 50 | 45 | 46 | 42 | 38 | 37 | 34 | 31 | 28 | 26 | 24 | 20 |
| 5 | 67 | 55 | 47 | 42 | 60 | 51 | 44 | 39 | 42 | 36 | 33 | 33 | 30 | 27 | 25 | 23 | 21 | 17 |
| 6 | 61 | 50 | 42 | 36 | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 30 | 26 | 23 | 23 | 20 | 19 | 15 |
| 7 | 57 | 45 | 37 | 32 | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 27 | 24 | 21 | 21 | 18 | 16 | 14 |
| 8 | 52 | 41 | 33 | 28 | 48 | 37 | 31 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 19 | 17 | 15 | 12 |
| 9 | 49 | 37 | 30 | 25 | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 15 | 13 | 11 |
| 10 | 46 | 34 | 27 | 22 | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 17 | 14 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 6761 | 6761 | 6761 | 6761 |
| 5° | 7963 | 6779 | 5983 | 6779 |
| 10° | 9534 | 6749 | 5387 | 6749 |
| 15° | 11280 | 6680 | 4947 | 6680 |
| 20° | 12560 | 6611 | 4554 | 6611 |
| 25° | 12764 | 6509 | 4284 | 6509 |
| 30° | 10860 | 6411 | 4198 | 6411 |
| 35° | 8349 | 6250 | 4199 | 6250 |
| 40° | 6509 | 6062 | 4278 | 6062 |
| 45° | 5426 | 5779 | 4349 | 5779 |
| 50° | 4775 | 5434 | 4496 | 5434 |
| 55° | 4376 | 5020 | 4677 | 5020 |
| 60° | 4101 | 4648 | 4897 | 4648 |
| 65° | 3817 | 4235 | 5075 | 4235 |
| 70° | 3489 | 3824 | 5193 | 3824 |
| 75° | 3119 | 3366 | 5128 | 3366 |
| 80° | 2613 | 2757 | 4965 | 2757 |
| 85° | 1927 | 1991 | 4761 | 1991 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 81.6 | 1.3 |
| 10°-20° | 251.5 | 4.1 |
| 20°-30° | 398.8 | 6.5 |
| 30°-40° | 443.8 | 7.2 |
| 40°-50° | 404.0 | 6.6 |
| 50°-60° | 330.1 | 5.4 |
| 60°-70° | 235.7 | 3.8 |
| 70°-80° | 129.8 | 2.1 |
| 80°-90° | 38.3 | 0.6 |
| 90°-100° | 380.9 | 6.2 |
| 100°-110° | 792.8 | 12.9 |
| 110°-120° | 710.1 | 11.5 |
| 120°-130° | 597.3 | 9.7 |
| 130°-140° | 498.1 | 8.1 |
| 140°-150° | 380.5 | 6.2 |
| 150°-160° | 267.5 | 4.3 |
| 160°-170° | 157.3 | 2.6 |
| 170°-180° | 51.2 | 0.8 |
| 0°-30° | 731.9 | 11.9 |
| 0°-40° | 1175.7 | 19.1 |
| 0°-60° | 1909.9 | 31.1 |
| 0°-90° | 2313.7 | 37.6 |
| 90°-120° | 1883.9 | 30.6 |
| 90°-150° | 3359.8 | 54.6 |
| 90°-180° | 3836.0 | 62.4 |
| 0°-180° | 6149.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 838 | 838 | 838 | 838 | 838 | |
| 5° | 983 | 836 | 738 | 836 | 983 | 100 |
| 15° | 1350 | 799 | 592 | 799 | 1350 | 381 |
| 25° | 1433 | 731 | 481 | 731 | 1433 | 632 |
| 35° | 847 | 634 | 426 | 634 | 847 | 538 |
| 45° | 475 | 506 | 381 | 506 | 475 | 374 |
| 55° | 311 | 357 | 332 | 357 | 311 | 281 |
| 65° | 200 | 222 | 266 | 222 | 200 | 198 |
| 75° | 100 | 108 | 164 | 108 | 100 | 106 |
| 85° | 21 | 22 | 51 | 22 | 21 | 26 |
| 90° | 22 | 1 | 22 | 1 | 22 | 18 |
| 95° | 253 | 34 | 253 | 34 | 253 | 392 |
| 105° | 1458 | 121 | 1458 | 121 | 1458 | 1441 |
| 115° | 1400 | 214 | 1400 | 214 | 1400 | 1390 |
| 125° | 1117 | 297 | 1117 | 297 | 1117 | 1015 |
| 135° | 999 | 353 | 999 | 353 | 999 | 771 |
| 145° | 816 | 407 | 816 | 407 | 816 | 517 |
| 155° | 683 | 463 | 683 | 463 | 683 | 319 |
| 165° | 596 | 505 | 596 | 505 | 596 | 171 |
| 175° | 537 | 526 | 537 | 526 | 537 | 52 |
| 180° | 527 | 527 | 527 | 527 | 527 | |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 891.4 | 891.1 | 888.3 | 887.8 | 885.8 | 883.3 | 882.8 | 878.3 | 869.4 | 865.3 | 864.2 |
| 5° | 982.6 | 989.5 | 980.4 | 978.7 | 977.7 | 966.3 | 960.4 | 953.4 | 937.5 | 928.1 | 920.8 |
| 7.5° | 1091.4 | 1092.2 | 1088.2 | 1085.0 | 1076.2 | 1066.2 | 1051.2 | 1035.3 | 1016.3 | 996.5 | 981.6 |
| 10° | 1163.0 | 1165.7 | 1161.3 | 1160.6 | 1142.8 | 1131.8 | 1109.6 | 1090.8 | 1069.3 | 1045.4 | 1023.5 |
| 12.5° | 1238.5 | 1234.6 | 1232.3 | 1217.5 | 1214.2 | 1193.9 | 1168.1 | 1148.8 | 1115.6 | 1088.1 | 1059.0 |
| 15° | 1349.6 | 1342.0 | 1337.1 | 1316.7 | 1306.6 | 1278.5 | 1251.1 | 1229.9 | 1186.6 | 1145.3 | 1114.0 |
| 17.5° | 1414.9 | 1422.5 | 1411.2 | 1402.8 | 1376.8 | 1357.1 | 1329.1 | 1284.7 | 1250.7 | 1199.4 | 1160.0 |
| 20° | 1462.0 | 1462.8 | 1456.5 | 1447.8 | 1427.4 | 1402.4 | 1371.8 | 1323.3 | 1282.6 | 1231.6 | 1177.5 |
| 22.5° | 1474.8 | 1475.0 | 1472.3 | 1464.2 | 1448.7 | 1428.4 | 1397.7 | 1357.1 | 1308.0 | 1252.5 | 1198.4 |
| 25° | 1432.9 | 1431.6 | 1434.7 | 1443.7 | 1437.8 | 1431.6 | 1413.8 | 1383.7 | 1337.8 | 1279.2 | 1220.9 |
| 27.5° | 1277.2 | 1286.7 | 1304.4 | 1326.6 | 1348.0 | 1364.2 | 1368.9 | 1362.7 | 1334.3 | 1286.0 | 1225.0 |
| 30° | 1165.0 | 1176.9 | 1190.0 | 1212.3 | 1255.3 | 1279.9 | 1307.0 | 1327.4 | 1316.0 | 1277.5 | 1220.6 |
| 32.5° | 1041.8 | 1044.7 | 1064.3 | 1089.6 | 1129.0 | 1176.3 | 1219.2 | 1260.8 | 1274.6 | 1254.5 | 1206.9 |
| 35° | 847.2 | 852.1 | 873.3 | 898.2 | 946.5 | 1004.4 | 1069.0 | 1126.5 | 1174.1 | 1193.2 | 1168.9 |
| 37.5° | 691.4 | 705.3 | 720.2 | 747.1 | 789.6 | 841.8 | 908.8 | 983.3 | 1054.2 | 1101.6 | 1109.6 |
| 40° | 617.6 | 626.2 | 637.0 | 657.5 | 693.6 | 744.9 | 802.5 | 887.9 | 963.1 | 1031.2 | 1053.4 |
| 42.5° | 559.3 | 564.4 | 571.0 | 589.4 | 617.0 | 668.0 | 720.6 | 795.7 | 871.3 | 952.6 | 989.8 |
| 45° | 475.3 | 480.5 | 491.6 | 502.4 | 523.2 | 558.6 | 607.5 | 669.2 | 745.2 | 823.7 | 892.3 |
| 47.5° | 414.6 | 418.0 | 424.6 | 436.1 | 453.8 | 477.2 | 516.9 | 568.5 | 638.9 | 715.1 | 788.3 |
| 50° | 380.2 | 383.0 | 388.3 | 398.7 | 412.1 | 433.0 | 465.6 | 513.8 | 569.0 | 645.7 | 717.5 |
| 52.5° | 353.0 | 354.2 | 358.0 | 365.1 | 375.9 | 393.3 | 420.1 | 459.9 | 511.3 | 579.6 | 651.1 |
| 55° | 310.9 | 312.3 | 315.8 | 320.9 | 330.3 | 341.4 | 361.9 | 391.7 | 436.5 | 495.8 | 557.9 |
| 57.5° | 276.2 | 277.1 | 280.1 | 282.0 | 289.8 | 298.8 | 314.5 | 335.8 | 369.8 | 420.1 | 475.5 |
| 60° | 254.0 | 253.2 | 256.7 | 258.5 | 263.7 | 271.3 | 283.5 | 303.9 | 333.4 | 374.0 | 425.0 |
| 62.5° | 232.3 | 231.3 | 234.3 | 236.6 | 239.5 | 246.0 | 256.0 | 272.0 | 296.0 | 332.7 | 376.7 |
| 65° | 199.8 | 198.5 | 200.2 | 203.0 | 205.7 | 209.2 | 216.5 | 230.7 | 249.8 | 276.2 | 309.8 |
| 67.5° | 167.2 | 168.7 | 169.0 | 170.3 | 171.9 | 176.6 | 181.6 | 191.7 | 205.2 | 226.3 | 254.8 |
| 70° | 147.8 | 148.1 | 149.5 | 149.5 | 150.6 | 154.7 | 158.9 | 164.8 | 178.0 | 197.4 | 220.7 |
| 72.5° | 128.4 | 129.8 | 129.3 | 130.4 | 131.2 | 133.9 | 137.0 | 142.6 | 153.8 | 168.3 | 187.9 |
| 75° | 100.0 | 100.9 | 100.9 | 101.3 | 102.4 | 103.3 | 105.8 | 109.9 | 118.0 | 128.7 | 142.2 |
| 77.5° | 72.9 | 73.0 | 73.5 | 74.7 | 74.7 | 76.4 | 78.2 | 81.5 | 85.5 | 92.8 | 101.1 |
| 80° | 56.2 | 56.9 | 56.5 | 57.2 | 57.2 | 58.7 | 59.3 | 63.5 | 65.2 | 70.1 | 76.7 |
| 82.5° | 41.2 | 41.9 | 41.8 | 42.8 | 43.3 | 43.6 | 44.6 | 46.3 | 48.0 | 52.3 | 55.0 |
| 85° | 20.8 | 21.5 | 20.8 | 21.5 | 22.6 | 22.9 | 23.9 | 24.3 | 25.7 | 26.8 | 29.2 |
| 87.5° | 10.4 | 11.3 | 11.5 | 11.6 | 11.9 | 12.2 | 12.3 | 11.8 | 12.7 | 13.2 | 13.8 |
| 90° | 21.8 | 21.8 | 22.8 | 21.8 | 20.7 | 20.7 | 19.7 | 18.6 | 17.7 | 18.6 | 16.6 |
| 92.5° | 79.8 | 79.8 | 83.3 | 88.9 | 101.1 | 121.9 | 153.1 | 203.5 | 273.8 | 328.7 | 287.7 |
| 95° | 252.8 | 266.3 | 285.0 | 317.1 | 367.8 | 468.3 | 607.2 | 767.8 | 868.3 | 844.5 | 637.2 |
| 97.5° | 675.8 | 697.3 | 728.4 | 790.8 | 865.2 | 973.4 | 1074.7 | 1134.4 | 1090.9 | 889.5 | 596.4 |
| 100° | 950.2 | 958.5 | 989.5 | 1052.8 | 1142.9 | 1219.6 | 1270.3 | 1249.6 | 1098.3 | 833.0 | 540.9 |
| 102.5° | 1188.9 | 1195.5 | 1228.2 | 1274.1 | 1329.4 | 1361.3 | 1346.6 | 1243.8 | 1036.2 | 762.6 | 503.5 |
| 105° | 1457.9 | 1464.1 | 1478.6 | 1486.9 | 1484.8 | 1442.3 | 1339.8 | 1160.5 | 923.2 | 679.8 | 471.4 |
| 107.5° | 1557.8 | 1555.1 | 1544.7 | 1521.1 | 1469.9 | 1377.5 | 1233.1 | 1042.1 | 832.1 | 633.3 | 465.7 |
| 110° | 1559.4 | 1550.2 | 1531.4 | 1487.9 | 1414.3 | 1300.4 | 1150.1 | 970.9 | 786.5 | 617.6 | 467.3 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1510.6 | 1495.4 | 1469.3 | 1416.7 | 1333.1 | 1219.1 | 1077.2 | 918.6 | 760.7 | 610.1 | 472.3 |
| 115° | 1399.9 | 1391.6 | 1358.4 | 1296.3 | 1214.4 | 1114.9 | 993.7 | 866.2 | 736.7 | 606.2 | 481.8 |
| 117.5° | 1287.7 | 1281.3 | 1247.8 | 1195.5 | 1125.7 | 1041.3 | 946.0 | 840.5 | 725.9 | 605.1 | 492.0 |
| 120° | 1224.8 | 1213.4 | 1186.4 | 1140.9 | 1081.7 | 1008.2 | 925.3 | 828.9 | 720.1 | 605.1 | 499.4 |
| 122.5° | 1175.0 | 1163.6 | 1140.9 | 1101.9 | 1052.0 | 987.5 | 912.0 | 818.9 | 713.5 | 604.3 | 506.9 |
| 125° | 1117.0 | 1110.8 | 1091.1 | 1061.0 | 1019.6 | 962.6 | 891.1 | 802.0 | 702.5 | 603.1 | 518.1 |
| 127.5° | 1083.0 | 1076.8 | 1060.2 | 1033.5 | 991.8 | 937.7 | 866.5 | 781.2 | 687.8 | 600.7 | 527.0 |
| 130° | 1063.1 | 1056.9 | 1040.3 | 1014.4 | 972.0 | 917.0 | 846.6 | 764.7 | 678.7 | 599.9 | 533.6 |
| 132.5° | 1040.7 | 1034.5 | 1018.8 | 989.5 | 947.9 | 893.0 | 824.2 | 747.3 | 670.4 | 599.1 | 539.4 |
| 135° | 998.9 | 992.7 | 976.1 | 947.1 | 905.6 | 853.8 | 790.6 | 723.3 | 658.0 | 597.9 | 548.1 |
| 137.5° | 947.1 | 939.6 | 926.0 | 897.3 | 858.5 | 811.7 | 758.5 | 701.5 | 647.2 | 597.6 | 553.3 |
| 140° | 909.7 | 901.4 | 887.0 | 864.2 | 827.9 | 784.3 | 737.7 | 689.0 | 641.4 | 596.8 | 557.5 |
| 142.5° | 870.0 | 864.2 | 851.3 | 830.2 | 798.1 | 760.4 | 720.3 | 677.4 | 636.4 | 596.8 | 560.8 |
| 145° | 815.5 | 810.3 | 800.0 | 782.3 | 756.4 | 727.4 | 696.3 | 661.1 | 627.9 | 594.8 | 562.7 |
| 147.5° | 767.1 | 765.4 | 757.4 | 742.3 | 723.3 | 700.4 | 675.6 | 647.6 | 620.3 | 591.0 | 563.7 |
| 150° | 739.9 | 738.8 | 732.5 | 719.1 | 702.5 | 683.9 | 663.2 | 639.4 | 614.5 | 588.5 | 563.7 |
| 152.5° | 715.0 | 713.9 | 710.2 | 699.2 | 685.1 | 669.8 | 650.7 | 630.2 | 607.8 | 584.4 | 562.0 |
| 155° | 682.9 | 682.9 | 679.8 | 671.5 | 661.1 | 648.6 | 633.1 | 616.5 | 597.9 | 578.2 | 559.5 |
| 157.5° | 654.7 | 654.7 | 652.8 | 646.6 | 638.7 | 628.7 | 615.7 | 601.8 | 587.7 | 571.8 | 556.9 |
| 160° | 637.2 | 637.2 | 636.2 | 630.0 | 623.8 | 615.5 | 604.0 | 592.7 | 580.2 | 566.8 | 554.4 |
| 162.5° | 620.6 | 621.5 | 620.5 | 614.2 | 609.7 | 602.3 | 593.3 | 583.5 | 573.6 | 561.8 | 551.9 |
| 165° | 595.8 | 596.8 | 597.9 | 593.7 | 589.6 | 584.4 | 577.1 | 571.0 | 562.7 | 554.4 | 547.1 |
| 167.5° | 576.1 | 576.9 | 577.1 | 574.4 | 572.4 | 569.3 | 563.5 | 558.7 | 552.7 | 546.9 | 542.2 |
| 170° | 563.7 | 563.7 | 564.7 | 563.7 | 561.6 | 558.5 | 554.4 | 551.3 | 546.1 | 541.9 | 538.8 |
| 172.5° | 551.3 | 552.9 | 553.9 | 552.9 | 551.6 | 549.4 | 546.9 | 544.6 | 540.3 | 536.9 | 535.5 |
| 175° | 536.7 | 538.8 | 540.9 | 538.8 | 538.8 | 538.8 | 536.7 | 535.7 | 533.6 | 531.5 | 531.5 |
| 177.5° | 528.2 | 529.9 | 531.5 | 530.7 | 531.5 | 530.7 | 530.7 | 529.9 | 529.1 | 528.2 | 528.2 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 864.4 | 860.6 | 857.8 | 855.6 | 849.4 | 845.9 | 843.1 | 839.2 | 834.7 | 830.0 | 824.2 |
| 5° | 913.6 | 901.7 | 893.0 | 879.9 | 867.4 | 856.9 | 846.2 | 836.5 | 824.7 | 811.9 | 802.5 |
| 7.5° | 965.1 | 947.5 | 925.1 | 905.5 | 883.6 | 864.5 | 847.5 | 830.0 | 811.8 | 794.2 | 778.0 |
| 10° | 997.8 | 975.3 | 950.3 | 920.8 | 893.0 | 868.4 | 845.5 | 823.3 | 801.8 | 780.2 | 761.9 |
| 12.5° | 1033.0 | 1005.0 | 968.0 | 933.5 | 902.5 | 869.5 | 841.9 | 814.7 | 788.7 | 766.2 | 744.7 |
| 15° | 1080.4 | 1039.8 | 997.1 | 951.0 | 910.1 | 871.6 | 833.7 | 799.3 | 770.3 | 740.4 | 719.6 |
| 17.5° | 1109.5 | 1059.3 | 1010.5 | 962.2 | 912.7 | 864.1 | 823.3 | 783.7 | 747.2 | 717.6 | 691.3 |
| 20° | 1128.6 | 1078.7 | 1018.0 | 969.7 | 910.7 | 860.8 | 813.6 | 769.5 | 731.4 | 699.8 | 672.7 |
| 22.5° | 1145.3 | 1087.5 | 1026.8 | 963.3 | 904.6 | 851.6 | 800.0 | 755.6 | 716.7 | 683.4 | 657.5 |
| 25° | 1154.3 | 1088.1 | 1022.1 | 958.9 | 892.3 | 829.6 | 782.7 | 730.7 | 689.0 | 654.0 | 626.2 |
| 27.5° | 1155.3 | 1084.4 | 1009.9 | 939.7 | 870.9 | 812.4 | 753.3 | 706.8 | 663.6 | 626.5 | 599.9 |
| 30° | 1152.2 | 1078.3 | 998.2 | 922.2 | 853.2 | 789.6 | 738.3 | 687.7 | 643.5 | 606.8 | 579.1 |
| 32.5° | 1142.5 | 1065.5 | 983.2 | 902.8 | 831.3 | 769.1 | 716.1 | 668.0 | 625.0 | 588.8 | 559.6 |
| 35° | 1114.4 | 1038.4 | 950.7 | 867.0 | 793.8 | 731.0 | 683.1 | 634.2 | 591.2 | 556.9 | 528.8 |
| 37.5° | 1070.5 | 1001.7 | 912.6 | 826.0 | 754.1 | 691.1 | 643.5 | 599.4 | 560.6 | 525.7 | 496.9 |
| 40° | 1032.2 | 971.8 | 882.3 | 798.0 | 720.2 | 660.2 | 615.8 | 575.2 | 536.7 | 503.7 | 476.4 |
| 42.5° | 988.0 | 935.4 | 852.8 | 763.6 | 688.6 | 628.3 | 585.1 | 548.6 | 512.3 | 481.9 | 454.4 |
| 45° | 909.4 | 874.7 | 796.9 | 714.3 | 636.3 | 579.4 | 538.1 | 506.2 | 475.6 | 445.9 | 422.9 |
| 47.5° | 818.9 | 801.6 | 736.2 | 657.8 | 583.7 | 527.6 | 491.9 | 462.4 | 435.6 | 410.3 | 390.1 |
| 50° | 758.0 | 749.8 | 693.2 | 617.6 | 546.8 | 494.1 | 458.0 | 432.7 | 409.7 | 387.5 | 368.5 |
| 52.5° | 698.1 | 697.9 | 646.8 | 577.6 | 512.1 | 461.3 | 425.5 | 401.8 | 382.0 | 363.9 | 346.8 |
| 55° | 606.5 | 616.2 | 576.3 | 514.5 | 455.9 | 410.1 | 377.8 | 356.7 | 342.8 | 327.9 | 315.0 |
| 57.5° | 522.3 | 538.4 | 505.5 | 451.1 | 402.2 | 360.0 | 331.9 | 316.0 | 301.2 | 292.2 | 282.9 |
| 60° | 467.3 | 482.6 | 456.9 | 411.2 | 365.0 | 328.9 | 302.2 | 287.9 | 275.1 | 268.9 | 262.3 |
| 62.5° | 418.5 | 432.1 | 413.0 | 370.6 | 330.6 | 295.9 | 273.3 | 259.7 | 251.0 | 244.2 | 239.8 |
| 65° | 348.7 | 360.2 | 343.8 | 313.0 | 278.6 | 250.8 | 232.5 | 221.7 | 213.4 | 210.6 | 205.7 |
| 67.5° | 281.9 | 292.3 | 283.5 | 257.3 | 229.7 | 208.7 | 194.3 | 184.0 | 179.1 | 176.6 | 173.2 |
| 70° | 242.2 | 252.6 | 243.2 | 220.3 | 199.1 | 181.5 | 167.9 | 162.0 | 156.9 | 155.8 | 151.0 |
| 72.5° | 208.6 | 215.7 | 206.3 | 188.4 | 170.3 | 155.3 | 144.9 | 138.8 | 136.0 | 134.1 | 131.5 |
| 75° | 156.5 | 162.7 | 156.5 | 142.6 | 129.7 | 119.3 | 110.3 | 107.9 | 104.8 | 103.7 | 102.0 |
| 77.5° | 110.8 | 116.2 | 111.4 | 102.7 | 93.1 | 85.1 | 80.3 | 77.1 | 76.4 | 74.6 | 75.4 |
| 80° | 84.6 | 88.1 | 83.6 | 77.8 | 70.1 | 64.6 | 61.1 | 59.3 | 57.2 | 56.5 | 58.0 |
| 82.5° | 60.8 | 62.3 | 60.0 | 56.1 | 50.4 | 46.7 | 44.4 | 42.4 | 42.0 | 42.1 | 42.1 |
| 85° | 31.6 | 31.2 | 30.9 | 27.4 | 25.7 | 23.3 | 21.8 | 21.5 | 21.1 | 21.8 | 22.6 |
| 87.5° | 13.5 | 13.7 | 12.2 | 11.1 | 10.1 | 9.0 | 8.1 | 7.4 | 8.1 | 9.0 | 9.5 |
| 90° | 14.5 | 14.5 | 8.3 | 8.3 | 7.2 | 6.2 | 3.1 | 1.1 | 3.1 | 6.2 | 7.2 |
| 92.5° | 209.3 | 128.9 | 76.2 | 54.8 | 39.6 | 26.9 | 17.2 | 11.8 | 17.2 | 26.9 | 39.6 |
| 95° | 389.6 | 219.6 | 129.6 | 86.0 | 61.2 | 47.7 | 37.3 | 34.2 | 37.3 | 47.7 | 61.2 |
| 97.5° | 350.3 | 209.9 | 140.5 | 104.1 | 82.7 | 70.3 | 61.3 | 61.3 | 61.3 | 70.3 | 82.7 |
| 100° | 329.5 | 212.4 | 151.3 | 118.2 | 98.4 | 86.0 | 78.7 | 78.7 | 78.7 | 86.0 | 98.4 |
| 102.5° | 323.7 | 220.7 | 165.4 | 133.8 | 115.0 | 103.4 | 97.0 | 95.3 | 97.0 | 103.4 | 115.0 |
| 105° | 326.4 | 240.4 | 190.6 | 160.6 | 142.0 | 129.6 | 124.3 | 121.3 | 124.3 | 129.6 | 142.0 |
| 107.5° | 341.7 | 263.4 | 217.8 | 188.2 | 170.3 | 157.1 | 151.9 | 149.8 | 151.9 | 157.1 | 170.3 |
| 110° | 353.3 | 280.8 | 235.2 | 207.2 | 188.6 | 176.1 | 170.9 | 168.9 | 170.9 | 176.1 | 188.6 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 365.8 | 297.4 | 253.4 | 225.5 | 206.8 | 195.2 | 189.2 | 187.2 | 189.2 | 195.2 | 206.8 |
| 115° | 385.5 | 323.2 | 281.9 | 253.9 | 234.2 | 223.8 | 216.6 | 213.5 | 216.6 | 223.8 | 234.2 |
| 117.5° | 405.6 | 348.4 | 309.0 | 280.0 | 261.5 | 250.1 | 243.7 | 240.8 | 243.7 | 250.1 | 261.5 |
| 120° | 419.6 | 365.8 | 326.4 | 297.4 | 279.7 | 268.4 | 261.1 | 259.0 | 261.1 | 268.4 | 279.7 |
| 122.5° | 432.9 | 382.4 | 343.0 | 314.8 | 295.5 | 285.0 | 277.7 | 275.6 | 277.7 | 285.0 | 295.5 |
| 125° | 452.8 | 405.1 | 367.8 | 338.9 | 319.1 | 307.7 | 301.5 | 297.4 | 301.5 | 307.7 | 319.1 |
| 127.5° | 470.0 | 426.2 | 390.2 | 361.0 | 340.5 | 327.4 | 319.9 | 316.6 | 319.9 | 327.4 | 340.5 |
| 130° | 480.8 | 440.4 | 405.1 | 375.1 | 355.4 | 339.8 | 331.5 | 327.4 | 331.5 | 339.8 | 355.4 |
| 132.5° | 491.6 | 452.0 | 416.8 | 388.3 | 367.0 | 352.3 | 341.5 | 338.2 | 341.5 | 352.3 | 367.0 |
| 135° | 505.7 | 468.3 | 434.2 | 407.2 | 385.5 | 367.8 | 357.5 | 353.3 | 357.5 | 367.8 | 385.5 |
| 137.5° | 515.6 | 480.8 | 448.9 | 423.2 | 400.6 | 383.8 | 372.4 | 368.5 | 372.4 | 383.8 | 400.6 |
| 140° | 522.2 | 489.1 | 458.0 | 433.1 | 411.3 | 393.8 | 382.4 | 379.2 | 382.4 | 393.8 | 411.3 |
| 142.5° | 527.2 | 496.5 | 466.3 | 442.2 | 421.3 | 404.5 | 394.0 | 390.8 | 394.0 | 404.5 | 421.3 |
| 145° | 532.6 | 504.6 | 477.7 | 454.9 | 435.2 | 420.7 | 410.4 | 407.2 | 410.4 | 420.7 | 435.2 |
| 147.5° | 537.3 | 512.9 | 487.6 | 467.1 | 450.8 | 435.8 | 426.7 | 425.6 | 426.7 | 435.8 | 450.8 |
| 150° | 539.8 | 517.0 | 494.3 | 474.6 | 459.1 | 446.6 | 438.3 | 437.3 | 438.3 | 446.6 | 459.1 |
| 152.5° | 541.5 | 520.4 | 500.1 | 482.1 | 468.1 | 456.6 | 448.3 | 448.0 | 448.3 | 456.6 | 468.1 |
| 155° | 543.0 | 525.3 | 507.7 | 492.2 | 480.8 | 470.4 | 464.2 | 463.2 | 464.2 | 470.4 | 480.8 |
| 157.5° | 543.0 | 528.9 | 514.0 | 501.7 | 491.8 | 483.7 | 477.9 | 477.9 | 477.9 | 483.7 | 491.8 |
| 160° | 543.0 | 530.5 | 518.1 | 506.7 | 498.4 | 491.2 | 487.0 | 487.0 | 487.0 | 491.2 | 498.4 |
| 162.5° | 543.0 | 532.2 | 520.6 | 511.7 | 504.2 | 497.8 | 494.5 | 495.3 | 494.5 | 497.8 | 504.2 |
| 165° | 540.9 | 532.6 | 523.3 | 517.0 | 511.8 | 506.7 | 504.6 | 504.6 | 504.6 | 506.7 | 511.8 |
| 167.5° | 538.4 | 532.4 | 525.6 | 520.8 | 517.9 | 514.0 | 512.9 | 514.0 | 512.9 | 514.0 | 517.9 |
| 170° | 536.7 | 531.5 | 526.4 | 523.3 | 521.2 | 518.1 | 517.0 | 518.1 | 517.0 | 518.1 | 521.2 |
| 172.5° | 535.1 | 530.7 | 527.2 | 525.0 | 523.7 | 521.4 | 521.2 | 522.2 | 521.2 | 521.4 | 523.7 |
| 175° | 532.6 | 529.5 | 527.4 | 527.4 | 526.4 | 525.3 | 525.3 | 526.4 | 525.3 | 525.3 | 526.4 |
| 177.5° | 529.9 | 528.2 | 527.4 | 527.4 | 527.4 | 526.6 | 527.4 | 528.2 | 527.4 | 526.6 | 527.4 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 821.4 | 818.9 | 815.3 | 810.3 | 806.2 | 801.7 | 800.6 | 799.0 | 802.3 | 799.5 | 798.7 |
| 5° | 794.5 | 787.2 | 777.8 | 767.1 | 760.9 | 751.8 | 750.1 | 746.6 | 743.2 | 742.8 | 739.3 |
| 7.5° | 766.0 | 755.3 | 743.1 | 732.1 | 721.9 | 712.1 | 705.6 | 704.3 | 699.1 | 696.2 | 692.7 |
| 10° | 747.7 | 734.5 | 720.2 | 709.9 | 698.0 | 687.7 | 680.4 | 676.2 | 672.7 | 668.9 | 665.5 |
| 12.5° | 726.0 | 712.0 | 700.3 | 689.0 | 675.0 | 667.1 | 655.1 | 647.9 | 647.2 | 647.3 | 638.3 |
| 15° | 700.8 | 687.0 | 668.9 | 653.0 | 645.3 | 630.1 | 623.5 | 615.1 | 609.9 | 604.8 | 600.6 |
| 17.5° | 672.1 | 654.8 | 640.7 | 622.3 | 607.8 | 595.7 | 586.9 | 581.9 | 574.2 | 566.8 | 561.4 |
| 20° | 654.0 | 635.6 | 620.7 | 601.3 | 585.3 | 570.4 | 563.1 | 556.2 | 550.3 | 544.0 | 538.1 |
| 22.5° | 635.7 | 616.4 | 598.2 | 579.3 | 564.5 | 548.8 | 541.7 | 532.3 | 526.6 | 523.2 | 517.3 |
| 25° | 606.8 | 586.0 | 565.2 | 547.2 | 531.9 | 518.0 | 508.6 | 501.3 | 495.1 | 492.3 | 488.5 |
| 27.5° | 575.4 | 554.7 | 534.7 | 514.2 | 496.9 | 486.8 | 479.3 | 473.8 | 470.2 | 466.5 | 464.8 |
| 30° | 555.4 | 534.0 | 512.5 | 493.4 | 477.4 | 467.3 | 460.4 | 456.6 | 453.8 | 452.1 | 450.3 |
| 32.5° | 535.2 | 514.0 | 491.3 | 473.9 | 459.7 | 450.7 | 445.4 | 441.6 | 440.2 | 439.6 | 439.0 |
| 35° | 502.7 | 481.3 | 460.4 | 444.8 | 431.2 | 427.8 | 423.3 | 421.2 | 420.5 | 422.9 | 424.0 |
| 37.5° | 471.3 | 451.3 | 432.1 | 417.1 | 408.1 | 403.1 | 401.5 | 401.6 | 404.1 | 406.3 | 408.8 |
| 40° | 451.0 | 431.6 | 413.6 | 400.4 | 392.1 | 389.0 | 388.3 | 389.9 | 392.7 | 395.2 | 398.0 |
| 42.5° | 431.3 | 412.1 | 395.8 | 383.4 | 377.6 | 374.8 | 375.2 | 376.9 | 380.8 | 383.8 | 388.0 |
| 45° | 400.7 | 384.8 | 368.8 | 358.7 | 353.9 | 354.5 | 354.5 | 357.7 | 361.5 | 366.0 | 370.5 |
| 47.5° | 371.9 | 355.8 | 342.7 | 334.2 | 331.7 | 331.1 | 333.1 | 337.2 | 342.7 | 348.2 | 354.5 |
| 50° | 352.5 | 337.2 | 325.7 | 318.2 | 315.4 | 316.4 | 319.2 | 323.0 | 329.6 | 336.5 | 343.1 |
| 52.5° | 332.8 | 318.9 | 308.3 | 301.2 | 299.3 | 301.1 | 303.9 | 310.0 | 315.8 | 323.2 | 331.2 |
| 55° | 302.2 | 290.4 | 282.0 | 276.9 | 276.2 | 277.2 | 280.4 | 287.0 | 295.2 | 304.6 | 312.3 |
| 57.5° | 271.7 | 261.9 | 254.2 | 250.7 | 251.0 | 252.0 | 257.1 | 264.9 | 273.8 | 283.8 | 293.6 |
| 60° | 251.2 | 242.2 | 235.9 | 233.2 | 233.5 | 235.6 | 241.8 | 249.1 | 260.2 | 269.9 | 280.4 |
| 62.5° | 231.8 | 223.8 | 217.8 | 215.3 | 214.9 | 219.5 | 225.4 | 233.0 | 244.2 | 254.9 | 266.2 |
| 65° | 200.5 | 194.3 | 189.4 | 188.1 | 189.0 | 192.5 | 200.2 | 210.3 | 219.6 | 231.0 | 242.9 |
| 67.5° | 170.0 | 164.9 | 161.6 | 162.2 | 163.5 | 168.5 | 175.0 | 183.6 | 194.2 | 206.1 | 217.8 |
| 70° | 150.6 | 145.7 | 142.9 | 143.3 | 145.3 | 151.6 | 157.2 | 165.9 | 177.3 | 189.4 | 199.1 |
| 72.5° | 130.6 | 127.4 | 124.9 | 126.4 | 128.4 | 132.8 | 139.6 | 148.4 | 158.5 | 169.7 | 180.0 |
| 75° | 100.2 | 100.2 | 98.9 | 100.0 | 103.1 | 107.2 | 112.4 | 121.5 | 131.5 | 140.5 | 148.8 |
| 77.5° | 74.4 | 73.7 | 74.5 | 75.8 | 77.6 | 82.5 | 88.5 | 95.0 | 102.5 | 111.6 | 118.4 |
| 80° | 56.9 | 57.2 | 58.9 | 61.1 | 61.8 | 65.5 | 71.8 | 77.8 | 83.6 | 91.2 | 97.8 |
| 82.5° | 42.7 | 43.1 | 44.0 | 46.6 | 47.3 | 51.5 | 55.5 | 61.3 | 66.7 | 71.8 | 77.3 |
| 85° | 23.3 | 23.3 | 25.0 | 26.0 | 27.7 | 30.5 | 33.0 | 36.5 | 41.3 | 44.8 | 49.9 |
| 87.5° | 10.5 | 10.5 | 12.9 | 13.5 | 14.7 | 16.5 | 16.9 | 20.1 | 21.4 | 23.0 | 25.5 |
| 90° | 8.3 | 8.3 | 14.5 | 14.5 | 16.6 | 18.6 | 17.7 | 18.6 | 19.7 | 20.7 | 20.7 |
| 92.5° | 54.8 | 76.2 | 128.9 | 209.3 | 287.7 | 328.7 | 273.8 | 203.5 | 153.1 | 121.9 | 101.1 |
| 95° | 86.0 | 129.6 | 219.6 | 389.6 | 637.2 | 844.5 | 868.3 | 767.8 | 607.2 | 468.3 | 367.8 |
| 97.5° | 104.1 | 140.5 | 209.9 | 350.3 | 596.4 | 889.5 | 1090.9 | 1134.4 | 1074.7 | 973.4 | 865.2 |
| 100° | 118.2 | 151.3 | 212.4 | 329.5 | 540.9 | 833.0 | 1098.3 | 1249.6 | 1270.3 | 1219.6 | 1142.9 |
| 102.5° | 133.8 | 165.4 | 220.7 | 323.7 | 503.5 | 762.6 | 1036.2 | 1243.8 | 1346.6 | 1361.3 | 1329.4 |
| 105° | 160.6 | 190.6 | 240.4 | 326.4 | 471.4 | 679.8 | 923.2 | 1160.5 | 1339.8 | 1442.3 | 1484.8 |
| 107.5° | 188.2 | 217.8 | 263.4 | 341.7 | 465.7 | 633.3 | 832.1 | 1042.1 | 1233.1 | 1377.5 | 1469.9 |
| 110° | 207.2 | 235.2 | 280.8 | 353.3 | 467.3 | 617.6 | 786.5 | 970.9 | 1150.1 | 1300.4 | 1414.3 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 225.5 | 253.4 | 297.4 | 365.8 | 472.3 | 610.1 | 760.7 | 918.6 | 1077.2 | 1219.1 | 1333.1 |
| 115° | 253.9 | 281.9 | 323.2 | 385.5 | 481.8 | 606.2 | 736.7 | 866.2 | 993.7 | 1114.9 | 1214.4 |
| 117.5° | 280.0 | 309.0 | 348.4 | 405.6 | 492.0 | 605.1 | 725.9 | 840.5 | 946.0 | 1041.3 | 1125.7 |
| 120° | 297.4 | 326.4 | 365.8 | 419.6 | 499.4 | 605.1 | 720.1 | 828.9 | 925.3 | 1008.2 | 1081.7 |
| 122.5° | 314.8 | 343.0 | 382.4 | 432.9 | 506.9 | 604.3 | 713.5 | 818.9 | 912.0 | 987.5 | 1052.0 |
| 125° | 338.9 | 367.8 | 405.1 | 452.8 | 518.1 | 603.1 | 702.5 | 802.0 | 891.1 | 962.6 | 1019.6 |
| 127.5° | 361.0 | 390.2 | 426.2 | 470.0 | 527.0 | 600.7 | 687.8 | 781.2 | 866.5 | 937.7 | 991.8 |
| 130° | 375.1 | 405.1 | 440.4 | 480.8 | 533.6 | 599.9 | 678.7 | 764.7 | 846.6 | 917.0 | 972.0 |
| 132.5° | 388.3 | 416.8 | 452.0 | 491.6 | 539.4 | 599.1 | 670.4 | 747.3 | 824.2 | 893.0 | 947.9 |
| 135° | 407.2 | 434.2 | 468.3 | 505.7 | 548.1 | 597.9 | 658.0 | 723.3 | 790.6 | 853.8 | 905.6 |
| 137.5° | 423.2 | 448.9 | 480.8 | 515.6 | 553.3 | 597.6 | 647.2 | 701.5 | 758.5 | 811.7 | 858.5 |
| 140° | 433.1 | 458.0 | 489.1 | 522.2 | 557.5 | 596.8 | 641.4 | 689.0 | 737.7 | 784.3 | 827.9 |
| 142.5° | 442.2 | 466.3 | 496.5 | 527.2 | 560.8 | 596.8 | 636.4 | 677.4 | 720.3 | 760.4 | 798.1 |
| 145° | 454.9 | 477.7 | 504.6 | 532.6 | 562.7 | 594.8 | 627.9 | 661.1 | 696.3 | 727.4 | 756.4 |
| 147.5° | 467.1 | 487.6 | 512.9 | 537.3 | 563.7 | 591.0 | 620.3 | 647.6 | 675.6 | 700.4 | 723.3 |
| 150° | 474.6 | 494.3 | 517.0 | 539.8 | 563.7 | 588.5 | 614.5 | 639.4 | 663.2 | 683.9 | 702.5 |
| 152.5° | 482.1 | 500.1 | 520.4 | 541.5 | 562.0 | 584.4 | 607.8 | 630.2 | 650.7 | 669.8 | 685.1 |
| 155° | 492.2 | 507.7 | 525.3 | 543.0 | 559.5 | 578.2 | 597.9 | 616.5 | 633.1 | 648.6 | 661.1 |
| 157.5° | 501.7 | 514.0 | 528.9 | 543.0 | 556.9 | 571.8 | 587.7 | 601.8 | 615.7 | 628.7 | 638.7 |
| 160° | 506.7 | 518.1 | 530.5 | 543.0 | 554.4 | 566.8 | 580.2 | 592.7 | 604.0 | 615.5 | 623.8 |
| 162.5° | 511.7 | 520.6 | 532.2 | 543.0 | 551.9 | 561.8 | 573.6 | 583.5 | 593.3 | 602.3 | 609.7 |
| 165° | 517.0 | 523.3 | 532.6 | 540.9 | 547.1 | 554.4 | 562.7 | 571.0 | 577.1 | 584.4 | 589.6 |
| 167.5° | 520.8 | 525.6 | 532.4 | 538.4 | 542.2 | 546.9 | 552.7 | 558.7 | 563.5 | 569.3 | 572.4 |
| 170° | 523.3 | 526.4 | 531.5 | 536.7 | 538.8 | 541.9 | 546.1 | 551.3 | 554.4 | 558.5 | 561.6 |
| 172.5° | 525.0 | 527.2 | 530.7 | 535.1 | 535.5 | 536.9 | 540.3 | 544.6 | 546.9 | 549.4 | 551.6 |
| 175° | 527.4 | 527.4 | 529.5 | 532.6 | 531.5 | 531.5 | 533.6 | 535.7 | 536.7 | 538.8 | 538.8 |
| 177.5° | 527.4 | 527.4 | 528.2 | 529.9 | 528.2 | 528.2 | 529.1 | 529.9 | 530.7 | 530.7 | 531.5 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 798.1 | 797.5 | 795.6 | 795.3 | 795.6 | 797.5 | 798.1 | 798.7 | 799.5 | 802.3 | 799.0 |
| 5° | 737.3 | 735.6 | 734.5 | 738.3 | 734.5 | 735.6 | 737.3 | 739.3 | 742.8 | 743.2 | 746.6 |
| 7.5° | 691.4 | 690.0 | 687.0 | 686.0 | 687.0 | 690.0 | 691.4 | 692.7 | 696.2 | 699.1 | 704.3 |
| 10° | 662.0 | 660.6 | 657.8 | 657.1 | 657.8 | 660.6 | 662.0 | 665.5 | 668.9 | 672.7 | 676.2 |
| 12.5° | 633.6 | 630.9 | 630.4 | 631.1 | 630.4 | 630.9 | 633.6 | 638.3 | 647.3 | 647.2 | 647.9 |
| 15° | 596.0 | 594.7 | 590.8 | 591.9 | 590.8 | 594.7 | 596.0 | 600.6 | 604.8 | 609.9 | 615.1 |
| 17.5° | 559.0 | 557.3 | 552.7 | 556.8 | 552.7 | 557.3 | 559.0 | 561.4 | 566.8 | 574.2 | 581.9 |
| 20° | 535.7 | 532.9 | 530.5 | 530.1 | 530.5 | 532.9 | 535.7 | 538.1 | 544.0 | 550.3 | 556.2 |
| 22.5° | 513.4 | 511.0 | 510.8 | 508.5 | 510.8 | 511.0 | 513.4 | 517.3 | 523.2 | 526.6 | 532.3 |
| 25° | 485.7 | 483.3 | 482.6 | 480.9 | 482.6 | 483.3 | 485.7 | 488.5 | 492.3 | 495.1 | 501.3 |
| 27.5° | 464.4 | 463.2 | 462.0 | 462.5 | 462.0 | 463.2 | 464.4 | 464.8 | 466.5 | 470.2 | 473.8 |
| 30° | 451.4 | 451.0 | 450.3 | 450.3 | 450.3 | 451.0 | 451.4 | 450.3 | 452.1 | 453.8 | 456.6 |
| 32.5° | 440.6 | 440.5 | 440.9 | 440.9 | 440.9 | 440.5 | 440.6 | 439.0 | 439.6 | 440.2 | 441.6 |
| 35° | 425.3 | 426.4 | 427.1 | 426.1 | 427.1 | 426.4 | 425.3 | 424.0 | 422.9 | 420.5 | 421.2 |
| 37.5° | 411.6 | 412.7 | 413.7 | 414.8 | 413.7 | 412.7 | 411.6 | 408.8 | 406.3 | 404.1 | 401.6 |
| 40° | 401.1 | 403.5 | 404.2 | 405.9 | 404.2 | 403.5 | 401.1 | 398.0 | 395.2 | 392.7 | 389.9 |
| 42.5° | 391.1 | 393.8 | 395.6 | 395.9 | 395.6 | 393.8 | 391.1 | 388.0 | 383.8 | 380.8 | 376.9 |
| 45° | 375.8 | 378.5 | 380.9 | 380.9 | 380.9 | 378.5 | 375.8 | 370.5 | 366.0 | 361.5 | 357.7 |
| 47.5° | 359.9 | 363.9 | 366.3 | 366.9 | 366.3 | 363.9 | 359.9 | 354.5 | 348.2 | 342.7 | 337.2 |
| 50° | 349.0 | 353.9 | 356.3 | 358.0 | 356.3 | 353.9 | 349.0 | 343.1 | 336.5 | 329.6 | 323.0 |
| 52.5° | 338.5 | 343.3 | 346.6 | 347.5 | 346.6 | 343.3 | 338.5 | 331.2 | 323.2 | 315.8 | 310.0 |
| 55° | 320.2 | 327.2 | 331.0 | 332.3 | 331.0 | 327.2 | 320.2 | 312.3 | 304.6 | 295.2 | 287.0 |
| 57.5° | 303.0 | 309.4 | 313.9 | 314.9 | 313.9 | 309.4 | 303.0 | 293.6 | 283.8 | 273.8 | 264.9 |
| 60° | 289.7 | 296.7 | 302.2 | 303.3 | 302.2 | 296.7 | 289.7 | 280.4 | 269.9 | 260.2 | 249.1 |
| 62.5° | 276.1 | 283.3 | 288.3 | 291.1 | 288.3 | 283.3 | 276.1 | 266.2 | 254.9 | 244.2 | 233.0 |
| 65° | 252.6 | 259.8 | 264.7 | 265.7 | 264.7 | 259.8 | 252.6 | 242.9 | 231.0 | 219.6 | 210.3 |
| 67.5° | 226.9 | 234.2 | 237.4 | 239.4 | 237.4 | 234.2 | 226.9 | 217.8 | 206.1 | 194.2 | 183.6 |
| 70° | 208.8 | 214.7 | 218.2 | 220.0 | 218.2 | 214.7 | 208.8 | 199.1 | 189.4 | 177.3 | 165.9 |
| 72.5° | 188.3 | 194.5 | 198.5 | 198.9 | 198.5 | 194.5 | 188.3 | 180.0 | 169.7 | 158.5 | 148.4 |
| 75° | 156.9 | 162.4 | 164.4 | 164.4 | 164.4 | 162.4 | 156.9 | 148.8 | 140.5 | 131.5 | 121.5 |
| 77.5° | 124.1 | 127.0 | 129.7 | 130.2 | 129.7 | 127.0 | 124.1 | 118.4 | 111.6 | 102.5 | 95.0 |
| 80° | 103.1 | 104.8 | 106.8 | 106.8 | 106.8 | 104.8 | 103.1 | 97.8 | 91.2 | 83.6 | 77.8 |
| 82.5° | 81.4 | 82.8 | 84.9 | 84.6 | 84.9 | 82.8 | 81.4 | 77.3 | 71.8 | 66.7 | 61.3 |
| 85° | 49.2 | 52.4 | 52.1 | 51.4 | 52.1 | 52.4 | 49.2 | 49.9 | 44.8 | 41.3 | 36.5 |
| 87.5° | 26.6 | 27.0 | 27.6 | 28.2 | 27.6 | 27.0 | 26.6 | 25.5 | 23.0 | 21.4 | 20.1 |
| 90° | 21.8 | 22.8 | 21.8 | 21.8 | 21.8 | 22.8 | 21.8 | 20.7 | 20.7 | 19.7 | 18.6 |
| 92.5° | 88.9 | 83.3 | 79.8 | 79.8 | 79.8 | 83.3 | 88.9 | 101.1 | 121.9 | 153.1 | 203.5 |
| 95° | 317.1 | 285.0 | 266.3 | 252.8 | 266.3 | 285.0 | 317.1 | 367.8 | 468.3 | 607.2 | 767.8 |
| 97.5° | 790.8 | 728.4 | 697.3 | 675.8 | 697.3 | 728.4 | 790.8 | 865.2 | 973.4 | 1074.7 | 1134.4 |
| 100° | 1052.8 | 989.5 | 958.5 | 950.2 | 958.5 | 989.5 | 1052.8 | 1142.9 | 1219.6 | 1270.3 | 1249.6 |
| 102.5° | 1274.1 | 1228.2 | 1195.5 | 1188.9 | 1195.5 | 1228.2 | 1274.1 | 1329.4 | 1361.3 | 1346.6 | 1243.8 |
| 105° | 1486.9 | 1478.6 | 1464.1 | 1457.9 | 1464.1 | 1478.6 | 1486.9 | 1484.8 | 1442.3 | 1339.8 | 1160.5 |
| 107.5° | 1521.1 | 1544.7 | 1555.1 | 1557.8 | 1555.1 | 1544.7 | 1521.1 | 1469.9 | 1377.5 | 1233.1 | 1042.1 |
| 110° | 1487.9 | 1531.4 | 1550.2 | 1559.4 | 1550.2 | 1531.4 | 1487.9 | 1414.3 | 1300.4 | 1150.1 | 970.9 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 1416.7 | 1469.3 | 1495.4 | 1510.6 | 1495.4 | 1469.3 | 1416.7 | 1333.1 | 1219.1 | 1077.2 | 918.6 |
| 115° | 1296.3 | 1358.4 | 1391.6 | 1399.9 | 1391.6 | 1358.4 | 1296.3 | 1214.4 | 1114.9 | 993.7 | 866.2 |
| 117.5° | 1195.5 | 1247.8 | 1281.3 | 1287.7 | 1281.3 | 1247.8 | 1195.5 | 1125.7 | 1041.3 | 946.0 | 840.5 |
| 120° | 1140.9 | 1186.4 | 1213.4 | 1224.8 | 1213.4 | 1186.4 | 1140.9 | 1081.7 | 1008.2 | 925.3 | 828.9 |
| 122.5° | 1101.9 | 1140.9 | 1163.6 | 1175.0 | 1163.6 | 1140.9 | 1101.9 | 1052.0 | 987.5 | 912.0 | 818.9 |
| 125° | 1061.0 | 1091.1 | 1110.8 | 1117.0 | 1110.8 | 1091.1 | 1061.0 | 1019.6 | 962.6 | 891.1 | 802.0 |
| 127.5° | 1033.5 | 1060.2 | 1076.8 | 1083.0 | 1076.8 | 1060.2 | 1033.5 | 991.8 | 937.7 | 866.5 | 781.2 |
| 130° | 1014.4 | 1040.3 | 1056.9 | 1063.1 | 1056.9 | 1040.3 | 1014.4 | 972.0 | 917.0 | 846.6 | 764.7 |
| 132.5° | 989.5 | 1018.8 | 1034.5 | 1040.7 | 1034.5 | 1018.8 | 989.5 | 947.9 | 893.0 | 824.2 | 747.3 |
| 135° | 947.1 | 976.1 | 992.7 | 998.9 | 992.7 | 976.1 | 947.1 | 905.6 | 853.8 | 790.6 | 723.3 |
| 137.5° | 897.3 | 926.0 | 939.6 | 947.1 | 939.6 | 926.0 | 897.3 | 858.5 | 811.7 | 758.5 | 701.5 |
| 140° | 864.2 | 887.0 | 901.4 | 909.7 | 901.4 | 887.0 | 864.2 | 827.9 | 784.3 | 737.7 | 689.0 |
| 142.5° | 830.2 | 851.3 | 864.2 | 870.0 | 864.2 | 851.3 | 830.2 | 798.1 | 760.4 | 720.3 | 677.4 |
| 145° | 782.3 | 800.0 | 810.3 | 815.5 | 810.3 | 800.0 | 782.3 | 756.4 | 727.4 | 696.3 | 661.1 |
| 147.5° | 742.3 | 757.4 | 765.4 | 767.1 | 765.4 | 757.4 | 742.3 | 723.3 | 700.4 | 675.6 | 647.6 |
| 150° | 719.1 | 732.5 | 738.8 | 739.9 | 738.8 | 732.5 | 719.1 | 702.5 | 683.9 | 663.2 | 639.4 |
| 152.5° | 699.2 | 710.2 | 713.9 | 715.0 | 713.9 | 710.2 | 699.2 | 685.1 | 669.8 | 650.7 | 630.2 |
| 155° | 671.5 | 679.8 | 682.9 | 682.9 | 682.9 | 679.8 | 671.5 | 661.1 | 648.6 | 633.1 | 616.5 |
| 157.5° | 646.6 | 652.8 | 654.7 | 654.7 | 654.7 | 652.8 | 646.6 | 638.7 | 628.7 | 615.7 | 601.8 |
| 160° | 630.0 | 636.2 | 637.2 | 637.2 | 637.2 | 636.2 | 630.0 | 623.8 | 615.5 | 604.0 | 592.7 |
| 162.5° | 614.2 | 620.5 | 621.5 | 620.6 | 621.5 | 620.5 | 614.2 | 609.7 | 602.3 | 593.3 | 583.5 |
| 165° | 593.7 | 597.9 | 596.8 | 595.8 | 596.8 | 597.9 | 593.7 | 589.6 | 584.4 | 577.1 | 571.0 |
| 167.5° | 574.4 | 577.1 | 576.9 | 576.1 | 576.9 | 577.1 | 574.4 | 572.4 | 569.3 | 563.5 | 558.7 |
| 170° | 563.7 | 564.7 | 563.7 | 563.7 | 563.7 | 564.7 | 563.7 | 561.6 | 558.5 | 554.4 | 551.3 |
| 172.5° | 552.9 | 553.9 | 552.9 | 551.3 | 552.9 | 553.9 | 552.9 | 551.6 | 549.4 | 546.9 | 544.6 |
| 175° | 538.8 | 540.9 | 538.8 | 536.7 | 538.8 | 540.9 | 538.8 | 538.8 | 538.8 | 536.7 | 535.7 |
| 177.5° | 530.7 | 531.5 | 529.9 | 528.2 | 529.9 | 531.5 | 530.7 | 531.5 | 530.7 | 530.7 | 529.9 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 800.6 | 801.7 | 806.2 | 810.3 | 815.3 | 818.9 | 821.4 | 824.2 | 830.0 | 834.7 | 839.2 |
| 5° | 750.1 | 751.8 | 760.9 | 767.1 | 777.8 | 787.2 | 794.5 | 802.5 | 811.9 | 824.7 | 836.5 |
| 7.5° | 705.6 | 712.1 | 721.9 | 732.1 | 743.1 | 755.3 | 766.0 | 778.0 | 794.2 | 811.8 | 830.0 |
| 10° | 680.4 | 687.7 | 698.0 | 709.9 | 720.2 | 734.5 | 747.7 | 761.9 | 780.2 | 801.8 | 823.3 |
| 12.5° | 655.1 | 667.1 | 675.0 | 689.0 | 700.3 | 712.0 | 726.0 | 744.7 | 766.2 | 788.7 | 814.7 |
| 15° | 623.5 | 630.1 | 645.3 | 653.0 | 668.9 | 687.0 | 700.8 | 719.6 | 740.4 | 770.3 | 799.3 |
| 17.5° | 586.9 | 595.7 | 607.8 | 622.3 | 640.7 | 654.8 | 672.1 | 691.3 | 717.6 | 747.2 | 783.7 |
| 20° | 563.1 | 570.4 | 585.3 | 601.3 | 620.7 | 635.6 | 654.0 | 672.7 | 699.8 | 731.4 | 769.5 |
| 22.5° | 541.7 | 548.8 | 564.5 | 579.3 | 598.2 | 616.4 | 635.7 | 657.5 | 683.4 | 716.7 | 755.6 |
| 25° | 508.6 | 518.0 | 531.9 | 547.2 | 565.2 | 586.0 | 606.8 | 626.2 | 654.0 | 689.0 | 730.7 |
| 27.5° | 479.3 | 486.8 | 496.9 | 514.2 | 534.7 | 554.7 | 575.4 | 599.9 | 626.5 | 663.6 | 706.8 |
| 30° | 460.4 | 467.3 | 477.4 | 493.4 | 512.5 | 534.0 | 555.4 | 579.1 | 606.8 | 643.5 | 687.7 |
| 32.5° | 445.4 | 450.7 | 459.7 | 473.9 | 491.3 | 514.0 | 535.2 | 559.6 | 588.8 | 625.0 | 668.0 |
| 35° | 423.3 | 427.8 | 431.2 | 444.8 | 460.4 | 481.3 | 502.7 | 528.8 | 556.9 | 591.2 | 634.2 |
| 37.5° | 401.5 | 403.1 | 408.1 | 417.1 | 432.1 | 451.3 | 471.3 | 496.9 | 525.7 | 560.6 | 599.4 |
| 40° | 388.3 | 389.0 | 392.1 | 400.4 | 413.6 | 431.6 | 451.0 | 476.4 | 503.7 | 536.7 | 575.2 |
| 42.5° | 375.2 | 374.8 | 377.6 | 383.4 | 395.8 | 412.1 | 431.3 | 454.4 | 481.9 | 512.3 | 548.6 |
| 45° | 354.5 | 354.5 | 353.9 | 358.7 | 368.8 | 384.8 | 400.7 | 422.9 | 445.9 | 475.6 | 506.2 |
| 47.5° | 333.1 | 331.1 | 331.7 | 334.2 | 342.7 | 355.8 | 371.9 | 390.1 | 410.3 | 435.6 | 462.4 |
| 50° | 319.2 | 316.4 | 315.4 | 318.2 | 325.7 | 337.2 | 352.5 | 368.5 | 387.5 | 409.7 | 432.7 |
| 52.5° | 303.9 | 301.1 | 299.3 | 301.2 | 308.3 | 318.9 | 332.8 | 346.8 | 363.9 | 382.0 | 401.8 |
| 55° | 280.4 | 277.2 | 276.2 | 276.9 | 282.0 | 290.4 | 302.2 | 315.0 | 327.9 | 342.8 | 356.7 |
| 57.5° | 257.1 | 252.0 | 251.0 | 250.7 | 254.2 | 261.9 | 271.7 | 282.9 | 292.2 | 301.2 | 316.0 |
| 60° | 241.8 | 235.6 | 233.5 | 233.2 | 235.9 | 242.2 | 251.2 | 262.3 | 268.9 | 275.1 | 287.9 |
| 62.5° | 225.4 | 219.5 | 214.9 | 215.3 | 217.8 | 223.8 | 231.8 | 239.8 | 244.2 | 251.0 | 259.7 |
| 65° | 200.2 | 192.5 | 189.0 | 188.1 | 189.4 | 194.3 | 200.5 | 205.7 | 210.6 | 213.4 | 221.7 |
| 67.5° | 175.0 | 168.5 | 163.5 | 162.2 | 161.6 | 164.9 | 170.0 | 173.2 | 176.6 | 179.1 | 184.0 |
| 70° | 157.2 | 151.6 | 145.3 | 143.3 | 142.9 | 145.7 | 150.6 | 151.0 | 155.8 | 156.9 | 162.0 |
| 72.5° | 139.6 | 132.8 | 128.4 | 126.4 | 124.9 | 127.4 | 130.6 | 131.5 | 134.1 | 136.0 | 138.8 |
| 75° | 112.4 | 107.2 | 103.1 | 100.0 | 98.9 | 100.2 | 100.2 | 102.0 | 103.7 | 104.8 | 107.9 |
| 77.5° | 88.5 | 82.5 | 77.6 | 75.8 | 74.5 | 73.7 | 74.4 | 75.4 | 74.6 | 76.4 | 77.1 |
| 80° | 71.8 | 65.5 | 61.8 | 61.1 | 58.9 | 57.2 | 56.9 | 58.0 | 56.5 | 57.2 | 59.3 |
| 82.5° | 55.5 | 51.5 | 47.3 | 46.6 | 44.0 | 43.1 | 42.7 | 42.1 | 42.1 | 42.0 | 42.4 |
| 85° | 33.0 | 30.5 | 27.7 | 26.0 | 25.0 | 23.3 | 23.3 | 22.6 | 21.8 | 21.1 | 21.5 |
| 87.5° | 16.9 | 16.5 | 14.7 | 13.5 | 12.9 | 10.5 | 10.5 | 9.5 | 9.0 | 8.1 | 7.4 |
| 90° | 17.7 | 18.6 | 16.6 | 14.5 | 14.5 | 8.3 | 8.3 | 7.2 | 6.2 | 3.1 | 1.1 |
| 92.5° | 273.8 | 328.7 | 287.7 | 209.3 | 128.9 | 76.2 | 54.8 | 39.6 | 26.9 | 17.2 | 11.8 |
| 95° | 868.3 | 844.5 | 637.2 | 389.6 | 219.6 | 129.6 | 86.0 | 61.2 | 47.7 | 37.3 | 34.2 |
| 97.5° | 1090.9 | 889.5 | 596.4 | 350.3 | 209.9 | 140.5 | 104.1 | 82.7 | 70.3 | 61.3 | 61.3 |
| 100° | 1098.3 | 833.0 | 540.9 | 329.5 | 212.4 | 151.3 | 118.2 | 98.4 | 86.0 | 78.7 | 78.7 |
| 102.5° | 1036.2 | 762.6 | 503.5 | 323.7 | 220.7 | 165.4 | 133.8 | 115.0 | 103.4 | 97.0 | 95.3 |
| 105° | 923.2 | 679.8 | 471.4 | 326.4 | 240.4 | 190.6 | 160.6 | 142.0 | 129.6 | 124.3 | 121.3 |
| 107.5° | 832.1 | 633.3 | 465.7 | 341.7 | 263.4 | 217.8 | 188.2 | 170.3 | 157.1 | 151.9 | 149.8 |
| 110° | 786.5 | 617.6 | 467.3 | 353.3 | 280.8 | 235.2 | 207.2 | 188.6 | 176.1 | 170.9 | 168.9 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 760.7 | 610.1 | 472.3 | 365.8 | 297.4 | 253.4 | 225.5 | 206.8 | 195.2 | 189.2 | 187.2 |
| 115° | 736.7 | 606.2 | 481.8 | 385.5 | 323.2 | 281.9 | 253.9 | 234.2 | 223.8 | 216.6 | 213.5 |
| 117.5° | 725.9 | 605.1 | 492.0 | 405.6 | 348.4 | 309.0 | 280.0 | 261.5 | 250.1 | 243.7 | 240.8 |
| 120° | 720.1 | 605.1 | 499.4 | 419.6 | 365.8 | 326.4 | 297.4 | 279.7 | 268.4 | 261.1 | 259.0 |
| 122.5° | 713.5 | 604.3 | 506.9 | 432.9 | 382.4 | 343.0 | 314.8 | 295.5 | 285.0 | 277.7 | 275.6 |
| 125° | 702.5 | 603.1 | 518.1 | 452.8 | 405.1 | 367.8 | 338.9 | 319.1 | 307.7 | 301.5 | 297.4 |
| 127.5° | 687.8 | 600.7 | 527.0 | 470.0 | 426.2 | 390.2 | 361.0 | 340.5 | 327.4 | 319.9 | 316.6 |
| 130° | 678.7 | 599.9 | 533.6 | 480.8 | 440.4 | 405.1 | 375.1 | 355.4 | 339.8 | 331.5 | 327.4 |
| 132.5° | 670.4 | 599.1 | 539.4 | 491.6 | 452.0 | 416.8 | 388.3 | 367.0 | 352.3 | 341.5 | 338.2 |
| 135° | 658.0 | 597.9 | 548.1 | 505.7 | 468.3 | 434.2 | 407.2 | 385.5 | 367.8 | 357.5 | 353.3 |
| 137.5° | 647.2 | 597.6 | 553.3 | 515.6 | 480.8 | 448.9 | 423.2 | 400.6 | 383.8 | 372.4 | 368.5 |
| 140° | 641.4 | 596.8 | 557.5 | 522.2 | 489.1 | 458.0 | 433.1 | 411.3 | 393.8 | 382.4 | 379.2 |
| 142.5° | 636.4 | 596.8 | 560.8 | 527.2 | 496.5 | 466.3 | 442.2 | 421.3 | 404.5 | 394.0 | 390.8 |
| 145° | 627.9 | 594.8 | 562.7 | 532.6 | 504.6 | 477.7 | 454.9 | 435.2 | 420.7 | 410.4 | 407.2 |
| 147.5° | 620.3 | 591.0 | 563.7 | 537.3 | 512.9 | 487.6 | 467.1 | 450.8 | 435.8 | 426.7 | 425.6 |
| 150° | 614.5 | 588.5 | 563.7 | 539.8 | 517.0 | 494.3 | 474.6 | 459.1 | 446.6 | 438.3 | 437.3 |
| 152.5° | 607.8 | 584.4 | 562.0 | 541.5 | 520.4 | 500.1 | 482.1 | 468.1 | 456.6 | 448.3 | 448.0 |
| 155° | 597.9 | 578.2 | 559.5 | 543.0 | 525.3 | 507.7 | 492.2 | 480.8 | 470.4 | 464.2 | 463.2 |
| 157.5° | 587.7 | 571.8 | 556.9 | 543.0 | 528.9 | 514.0 | 501.7 | 491.8 | 483.7 | 477.9 | 477.9 |
| 160° | 580.2 | 566.8 | 554.4 | 543.0 | 530.5 | 518.1 | 506.7 | 498.4 | 491.2 | 487.0 | 487.0 |
| 162.5° | 573.6 | 561.8 | 551.9 | 543.0 | 532.2 | 520.6 | 511.7 | 504.2 | 497.8 | 494.5 | 495.3 |
| 165° | 562.7 | 554.4 | 547.1 | 540.9 | 532.6 | 523.3 | 517.0 | 511.8 | 506.7 | 504.6 | 504.6 |
| 167.5° | 552.7 | 546.9 | 542.2 | 538.4 | 532.4 | 525.6 | 520.8 | 517.9 | 514.0 | 512.9 | 514.0 |
| 170° | 546.1 | 541.9 | 538.8 | 536.7 | 531.5 | 526.4 | 523.3 | 521.2 | 518.1 | 517.0 | 518.1 |
| 172.5° | 540.3 | 536.9 | 535.5 | 535.1 | 530.7 | 527.2 | 525.0 | 523.7 | 521.4 | 521.2 | 522.2 |
| 175° | 533.6 | 531.5 | 531.5 | 532.6 | 529.5 | 527.4 | 527.4 | 526.4 | 525.3 | 525.3 | 526.4 |
| 177.5° | 529.1 | 528.2 | 528.2 | 529.9 | 528.2 | 527.4 | 527.4 | 527.4 | 526.6 | 527.4 | 528.2 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 843.1 | 845.9 | 849.4 | 855.6 | 857.8 | 860.6 | 864.4 | 864.2 | 865.3 | 869.4 | 878.3 |
| 5° | 846.2 | 856.9 | 867.4 | 879.9 | 893.0 | 901.7 | 913.6 | 920.8 | 928.1 | 937.5 | 953.4 |
| 7.5° | 847.5 | 864.5 | 883.6 | 905.5 | 925.1 | 947.5 | 965.1 | 981.6 | 996.5 | 1016.3 | 1035.3 |
| 10° | 845.5 | 868.4 | 893.0 | 920.8 | 950.3 | 975.3 | 997.8 | 1023.5 | 1045.4 | 1069.3 | 1090.8 |
| 12.5° | 841.9 | 869.5 | 902.5 | 933.5 | 968.0 | 1005.0 | 1033.0 | 1059.0 | 1088.1 | 1115.6 | 1148.8 |
| 15° | 833.7 | 871.6 | 910.1 | 951.0 | 997.1 | 1039.8 | 1080.4 | 1114.0 | 1145.3 | 1186.6 | 1229.9 |
| 17.5° | 823.3 | 864.1 | 912.7 | 962.2 | 1010.5 | 1059.3 | 1109.5 | 1160.0 | 1199.4 | 1250.7 | 1284.7 |
| 20° | 813.6 | 860.8 | 910.7 | 969.7 | 1018.0 | 1078.7 | 1128.6 | 1177.5 | 1231.6 | 1282.6 | 1323.3 |
| 22.5° | 800.0 | 851.6 | 904.6 | 963.3 | 1026.8 | 1087.5 | 1145.3 | 1198.4 | 1252.5 | 1308.0 | 1357.1 |
| 25° | 782.7 | 829.6 | 892.3 | 958.9 | 1022.1 | 1088.1 | 1154.3 | 1220.9 | 1279.2 | 1337.8 | 1383.7 |
| 27.5° | 753.3 | 812.4 | 870.9 | 939.7 | 1009.9 | 1084.4 | 1155.3 | 1225.0 | 1286.0 | 1334.3 | 1362.7 |
| 30° | 738.3 | 789.6 | 853.2 | 922.2 | 998.2 | 1078.3 | 1152.2 | 1220.6 | 1277.5 | 1316.0 | 1327.4 |
| 32.5° | 716.1 | 769.1 | 831.3 | 902.8 | 983.2 | 1065.5 | 1142.5 | 1206.9 | 1254.5 | 1274.6 | 1260.8 |
| 35° | 683.1 | 731.0 | 793.8 | 867.0 | 950.7 | 1038.4 | 1114.4 | 1168.9 | 1193.2 | 1174.1 | 1126.5 |
| 37.5° | 643.5 | 691.1 | 754.1 | 826.0 | 912.6 | 1001.7 | 1070.5 | 1109.6 | 1101.6 | 1054.2 | 983.3 |
| 40° | 615.8 | 660.2 | 720.2 | 798.0 | 882.3 | 971.8 | 1032.2 | 1053.4 | 1031.2 | 963.1 | 887.9 |
| 42.5° | 585.1 | 628.3 | 688.6 | 763.6 | 852.8 | 935.4 | 988.0 | 989.8 | 952.6 | 871.3 | 795.7 |
| 45° | 538.1 | 579.4 | 636.3 | 714.3 | 796.9 | 874.7 | 909.4 | 892.3 | 823.7 | 745.2 | 669.2 |
| 47.5° | 491.9 | 527.6 | 583.7 | 657.8 | 736.2 | 801.6 | 818.9 | 788.3 | 715.1 | 638.9 | 568.5 |
| 50° | 458.0 | 494.1 | 546.8 | 617.6 | 693.2 | 749.8 | 758.0 | 717.5 | 645.7 | 569.0 | 513.8 |
| 52.5° | 425.5 | 461.3 | 512.1 | 577.6 | 646.8 | 697.9 | 698.1 | 651.1 | 579.6 | 511.3 | 459.9 |
| 55° | 377.8 | 410.1 | 455.9 | 514.5 | 576.3 | 616.2 | 606.5 | 557.9 | 495.8 | 436.5 | 391.7 |
| 57.5° | 331.9 | 360.0 | 402.2 | 451.1 | 505.5 | 538.4 | 522.3 | 475.5 | 420.1 | 369.8 | 335.8 |
| 60° | 302.2 | 328.9 | 365.0 | 411.2 | 456.9 | 482.6 | 467.3 | 425.0 | 374.0 | 333.4 | 303.9 |
| 62.5° | 273.3 | 295.9 | 330.6 | 370.6 | 413.0 | 432.1 | 418.5 | 376.7 | 332.7 | 296.0 | 272.0 |
| 65° | 232.5 | 250.8 | 278.6 | 313.0 | 343.8 | 360.2 | 348.7 | 309.8 | 276.2 | 249.8 | 230.7 |
| 67.5° | 194.3 | 208.7 | 229.7 | 257.3 | 283.5 | 292.3 | 281.9 | 254.8 | 226.3 | 205.2 | 191.7 |
| 70° | 167.9 | 181.5 | 199.1 | 220.3 | 243.2 | 252.6 | 242.2 | 220.7 | 197.4 | 178.0 | 164.8 |
| 72.5° | 144.9 | 155.3 | 170.3 | 188.4 | 206.3 | 215.7 | 208.6 | 187.9 | 168.3 | 153.8 | 142.6 |
| 75° | 110.3 | 119.3 | 129.7 | 142.6 | 156.5 | 162.7 | 156.5 | 142.2 | 128.7 | 118.0 | 109.9 |
| 77.5° | 80.3 | 85.1 | 93.1 | 102.7 | 111.4 | 116.2 | 110.8 | 101.1 | 92.8 | 85.5 | 81.5 |
| 80° | 61.1 | 64.6 | 70.1 | 77.8 | 83.6 | 88.1 | 84.6 | 76.7 | 70.1 | 65.2 | 63.5 |
| 82.5° | 44.4 | 46.7 | 50.4 | 56.1 | 60.0 | 62.3 | 60.8 | 55.0 | 52.3 | 48.0 | 46.3 |
| 85° | 21.8 | 23.3 | 25.7 | 27.4 | 30.9 | 31.2 | 31.6 | 29.2 | 26.8 | 25.7 | 24.3 |
| 87.5° | 8.1 | 9.0 | 10.1 | 11.1 | 12.2 | 13.7 | 13.5 | 13.8 | 13.2 | 12.7 | 11.8 |
| 90° | 3.1 | 6.2 | 7.2 | 8.3 | 8.3 | 14.5 | 14.5 | 16.6 | 18.6 | 17.7 | 18.6 |
| 92.5° | 17.2 | 26.9 | 39.6 | 54.8 | 76.2 | 128.9 | 209.3 | 287.7 | 328.7 | 273.8 | 203.5 |
| 95° | 37.3 | 47.7 | 61.2 | 86.0 | 129.6 | 219.6 | 389.6 | 637.2 | 844.5 | 868.3 | 767.8 |
| 97.5° | 61.3 | 70.3 | 82.7 | 104.1 | 140.5 | 209.9 | 350.3 | 596.4 | 889.5 | 1090.9 | 1134.4 |
| 100° | 78.7 | 86.0 | 98.4 | 118.2 | 151.3 | 212.4 | 329.5 | 540.9 | 833.0 | 1098.3 | 1249.6 |
| 102.5° | 97.0 | 103.4 | 115.0 | 133.8 | 165.4 | 220.7 | 323.7 | 503.5 | 762.6 | 1036.2 | 1243.8 |
| 105° | 124.3 | 129.6 | 142.0 | 160.6 | 190.6 | 240.4 | 326.4 | 471.4 | 679.8 | 923.2 | 1160.5 |
| 107.5° | 151.9 | 157.1 | 170.3 | 188.2 | 217.8 | 263.4 | 341.7 | 465.7 | 633.3 | 832.1 | 1042.1 |
| 110° | 170.9 | 176.1 | 188.6 | 207.2 | 235.2 | 280.8 | 353.3 | 467.3 | 617.6 | 786.5 | 970.9 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.2 | 195.2 | 206.8 | 225.5 | 253.4 | 297.4 | 365.8 | 472.3 | 610.1 | 760.7 | 918.6 |
| 115° | 216.6 | 223.8 | 234.2 | 253.9 | 281.9 | 323.2 | 385.5 | 481.8 | 606.2 | 736.7 | 866.2 |
| 117.5° | 243.7 | 250.1 | 261.5 | 280.0 | 309.0 | 348.4 | 405.6 | 492.0 | 605.1 | 725.9 | 840.5 |
| 120° | 261.1 | 268.4 | 279.7 | 297.4 | 326.4 | 365.8 | 419.6 | 499.4 | 605.1 | 720.1 | 828.9 |
| 122.5° | 277.7 | 285.0 | 295.5 | 314.8 | 343.0 | 382.4 | 432.9 | 506.9 | 604.3 | 713.5 | 818.9 |
| 125° | 301.5 | 307.7 | 319.1 | 338.9 | 367.8 | 405.1 | 452.8 | 518.1 | 603.1 | 702.5 | 802.0 |
| 127.5° | 319.9 | 327.4 | 340.5 | 361.0 | 390.2 | 426.2 | 470.0 | 527.0 | 600.7 | 687.8 | 781.2 |
| 130° | 331.5 | 339.8 | 355.4 | 375.1 | 405.1 | 440.4 | 480.8 | 533.6 | 599.9 | 678.7 | 764.7 |
| 132.5° | 341.5 | 352.3 | 367.0 | 388.3 | 416.8 | 452.0 | 491.6 | 539.4 | 599.1 | 670.4 | 747.3 |
| 135° | 357.5 | 367.8 | 385.5 | 407.2 | 434.2 | 468.3 | 505.7 | 548.1 | 597.9 | 658.0 | 723.3 |
| 137.5° | 372.4 | 383.8 | 400.6 | 423.2 | 448.9 | 480.8 | 515.6 | 553.3 | 597.6 | 647.2 | 701.5 |
| 140° | 382.4 | 393.8 | 411.3 | 433.1 | 458.0 | 489.1 | 522.2 | 557.5 | 596.8 | 641.4 | 689.0 |
| 142.5° | 394.0 | 404.5 | 421.3 | 442.2 | 466.3 | 496.5 | 527.2 | 560.8 | 596.8 | 636.4 | 677.4 |
| 145° | 410.4 | 420.7 | 435.2 | 454.9 | 477.7 | 504.6 | 532.6 | 562.7 | 594.8 | 627.9 | 661.1 |
| 147.5° | 426.7 | 435.8 | 450.8 | 467.1 | 487.6 | 512.9 | 537.3 | 563.7 | 591.0 | 620.3 | 647.6 |
| 150° | 438.3 | 446.6 | 459.1 | 474.6 | 494.3 | 517.0 | 539.8 | 563.7 | 588.5 | 614.5 | 639.4 |
| 152.5° | 448.3 | 456.6 | 468.1 | 482.1 | 500.1 | 520.4 | 541.5 | 562.0 | 584.4 | 607.8 | 630.2 |
| 155° | 464.2 | 470.4 | 480.8 | 492.2 | 507.7 | 525.3 | 543.0 | 559.5 | 578.2 | 597.9 | 616.5 |
| 157.5° | 477.9 | 483.7 | 491.8 | 501.7 | 514.0 | 528.9 | 543.0 | 556.9 | 571.8 | 587.7 | 601.8 |
| 160° | 487.0 | 491.2 | 498.4 | 506.7 | 518.1 | 530.5 | 543.0 | 554.4 | 566.8 | 580.2 | 592.7 |
| 162.5° | 494.5 | 497.8 | 504.2 | 511.7 | 520.6 | 532.2 | 543.0 | 551.9 | 561.8 | 573.6 | 583.5 |
| 165° | 504.6 | 506.7 | 511.8 | 517.0 | 523.3 | 532.6 | 540.9 | 547.1 | 554.4 | 562.7 | 571.0 |
| 167.5° | 512.9 | 514.0 | 517.9 | 520.8 | 525.6 | 532.4 | 538.4 | 542.2 | 546.9 | 552.7 | 558.7 |
| 170° | 517.0 | 518.1 | 521.2 | 523.3 | 526.4 | 531.5 | 536.7 | 538.8 | 541.9 | 546.1 | 551.3 |
| 172.5° | 521.2 | 521.4 | 523.7 | 525.0 | 527.2 | 530.7 | 535.1 | 535.5 | 536.9 | 540.3 | 544.6 |
| 175° | 525.3 | 525.3 | 526.4 | 527.4 | 527.4 | 529.5 | 532.6 | 531.5 | 531.5 | 533.6 | 535.7 |
| 177.5° | 527.4 | 526.6 | 527.4 | 527.4 | 527.4 | 528.2 | 529.9 | 528.2 | 528.2 | 529.1 | 529.9 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 | 837.5 |
| 2.5° | 882.8 | 883.3 | 885.8 | 887.8 | 888.3 | 891.1 | 891.4 |
| 5° | 960.4 | 966.3 | 977.7 | 978.7 | 980.4 | 989.5 | 982.6 |
| 7.5° | 1051.2 | 1066.2 | 1076.2 | 1085.0 | 1088.2 | 1092.2 | 1091.4 |
| 10° | 1109.6 | 1131.8 | 1142.8 | 1160.6 | 1161.3 | 1165.7 | 1163.0 |
| 12.5° | 1168.1 | 1193.9 | 1214.2 | 1217.5 | 1232.3 | 1234.6 | 1238.5 |
| 15° | 1251.1 | 1278.5 | 1306.6 | 1316.7 | 1337.1 | 1342.0 | 1349.6 |
| 17.5° | 1329.1 | 1357.1 | 1376.8 | 1402.8 | 1411.2 | 1422.5 | 1414.9 |
| 20° | 1371.8 | 1402.4 | 1427.4 | 1447.8 | 1456.5 | 1462.8 | 1462.0 |
| 22.5° | 1397.7 | 1428.4 | 1448.7 | 1464.2 | 1472.3 | 1475.0 | 1474.8 |
| 25° | 1413.8 | 1431.6 | 1437.8 | 1443.7 | 1434.7 | 1431.6 | 1432.9 |
| 27.5° | 1368.9 | 1364.2 | 1348.0 | 1326.6 | 1304.4 | 1286.7 | 1277.2 |
| 30° | 1307.0 | 1279.9 | 1255.3 | 1212.3 | 1190.0 | 1176.9 | 1165.0 |
| 32.5° | 1219.2 | 1176.3 | 1129.0 | 1089.6 | 1064.3 | 1044.7 | 1041.8 |
| 35° | 1069.0 | 1004.4 | 946.5 | 898.2 | 873.3 | 852.1 | 847.2 |
| 37.5° | 908.8 | 841.8 | 789.6 | 747.1 | 720.2 | 705.3 | 691.4 |
| 40° | 802.5 | 744.9 | 693.6 | 657.5 | 637.0 | 626.2 | 617.6 |
| 42.5° | 720.6 | 668.0 | 617.0 | 589.4 | 571.0 | 564.4 | 559.3 |
| 45° | 607.5 | 558.6 | 523.2 | 502.4 | 491.6 | 480.5 | 475.3 |
| 47.5° | 516.9 | 477.2 | 453.8 | 436.1 | 424.6 | 418.0 | 414.6 |
| 50° | 465.6 | 433.0 | 412.1 | 398.7 | 388.3 | 383.0 | 380.2 |
| 52.5° | 420.1 | 393.3 | 375.9 | 365.1 | 358.0 | 354.2 | 353.0 |
| 55° | 361.9 | 341.4 | 330.3 | 320.9 | 315.8 | 312.3 | 310.9 |
| 57.5° | 314.5 | 298.8 | 289.8 | 282.0 | 280.1 | 277.1 | 276.2 |
| 60° | 283.5 | 271.3 | 263.7 | 258.5 | 256.7 | 253.2 | 254.0 |
| 62.5° | 256.0 | 246.0 | 239.5 | 236.6 | 234.3 | 231.3 | 232.3 |
| 65° | 216.5 | 209.2 | 205.7 | 203.0 | 200.2 | 198.5 | 199.8 |
| 67.5° | 181.6 | 176.6 | 171.9 | 170.3 | 169.0 | 168.7 | 167.2 |
| 70° | 158.9 | 154.7 | 150.6 | 149.5 | 149.5 | 148.1 | 147.8 |
| 72.5° | 137.0 | 133.9 | 131.2 | 130.4 | 129.3 | 129.8 | 128.4 |
| 75° | 105.8 | 103.3 | 102.4 | 101.3 | 100.9 | 100.9 | 100.0 |
| 77.5° | 78.2 | 76.4 | 74.7 | 74.7 | 73.5 | 73.0 | 72.9 |
| 80° | 59.3 | 58.7 | 57.2 | 57.2 | 56.5 | 56.9 | 56.2 |
| 82.5° | 44.6 | 43.6 | 43.3 | 42.8 | 41.8 | 41.9 | 41.2 |
| 85° | 23.9 | 22.9 | 22.6 | 21.5 | 20.8 | 21.5 | 20.8 |
| 87.5° | 12.3 | 12.2 | 11.9 | 11.6 | 11.5 | 11.3 | 10.4 |
| 90° | 19.7 | 20.7 | 20.7 | 21.8 | 22.8 | 21.8 | 21.8 |
| 92.5° | 153.1 | 121.9 | 101.1 | 88.9 | 83.3 | 79.8 | 79.8 |
| 95° | 607.2 | 468.3 | 367.8 | 317.1 | 285.0 | 266.3 | 252.8 |
| 97.5° | 1074.7 | 973.4 | 865.2 | 790.8 | 728.4 | 697.3 | 675.8 |
| 100° | 1270.3 | 1219.6 | 1142.9 | 1052.8 | 989.5 | 958.5 | 950.2 |
| 102.5° | 1346.6 | 1361.3 | 1329.4 | 1274.1 | 1228.2 | 1195.5 | 1188.9 |
| 105° | 1339.8 | 1442.3 | 1484.8 | 1486.9 | 1478.6 | 1464.1 | 1457.9 |
| 107.5° | 1233.1 | 1377.5 | 1469.9 | 1521.1 | 1544.7 | 1555.1 | 1557.8 |
| 110° | 1150.1 | 1300.4 | 1414.3 | 1487.9 | 1531.4 | 1550.2 | 1559.4 |



TEST NUMBER: P332573-940

CATALOG NUMBER: S124DIP-S575D1205U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1077.2 | 1219.1 | 1333.1 | 1416.7 | 1469.3 | 1495.4 | 1510.6 |
| 115° | 993.7 | 1114.9 | 1214.4 | 1296.3 | 1358.4 | 1391.6 | 1399.9 |
| 117.5° | 946.0 | 1041.3 | 1125.7 | 1195.5 | 1247.8 | 1281.3 | 1287.7 |
| 120° | 925.3 | 1008.2 | 1081.7 | 1140.9 | 1186.4 | 1213.4 | 1224.8 |
| 122.5° | 912.0 | 987.5 | 1052.0 | 1101.9 | 1140.9 | 1163.6 | 1175.0 |
| 125° | 891.1 | 962.6 | 1019.6 | 1061.0 | 1091.1 | 1110.8 | 1117.0 |
| 127.5° | 866.5 | 937.7 | 991.8 | 1033.5 | 1060.2 | 1076.8 | 1083.0 |
| 130° | 846.6 | 917.0 | 972.0 | 1014.4 | 1040.3 | 1056.9 | 1063.1 |
| 132.5° | 824.2 | 893.0 | 947.9 | 989.5 | 1018.8 | 1034.5 | 1040.7 |
| 135° | 790.6 | 853.8 | 905.6 | 947.1 | 976.1 | 992.7 | 998.9 |
| 137.5° | 758.5 | 811.7 | 858.5 | 897.3 | 926.0 | 939.6 | 947.1 |
| 140° | 737.7 | 784.3 | 827.9 | 864.2 | 887.0 | 901.4 | 909.7 |
| 142.5° | 720.3 | 760.4 | 798.1 | 830.2 | 851.3 | 864.2 | 870.0 |
| 145° | 696.3 | 727.4 | 756.4 | 782.3 | 800.0 | 810.3 | 815.5 |
| 147.5° | 675.6 | 700.4 | 723.3 | 742.3 | 757.4 | 765.4 | 767.1 |
| 150° | 663.2 | 683.9 | 702.5 | 719.1 | 732.5 | 738.8 | 739.9 |
| 152.5° | 650.7 | 669.8 | 685.1 | 699.2 | 710.2 | 713.9 | 715.0 |
| 155° | 633.1 | 648.6 | 661.1 | 671.5 | 679.8 | 682.9 | 682.9 |
| 157.5° | 615.7 | 628.7 | 638.7 | 646.6 | 652.8 | 654.7 | 654.7 |
| 160° | 604.0 | 615.5 | 623.8 | 630.0 | 636.2 | 637.2 | 637.2 |
| 162.5° | 593.3 | 602.3 | 609.7 | 614.2 | 620.5 | 621.5 | 620.6 |
| 165° | 577.1 | 584.4 | 589.6 | 593.7 | 597.9 | 596.8 | 595.8 |
| 167.5° | 563.5 | 569.3 | 572.4 | 574.4 | 577.1 | 576.9 | 576.1 |
| 170° | 554.4 | 558.5 | 561.6 | 563.7 | 564.7 | 563.7 | 563.7 |
| 172.5° | 546.9 | 549.4 | 551.6 | 552.9 | 553.9 | 552.9 | 551.3 |
| 175° | 536.7 | 538.8 | 538.8 | 538.8 | 540.9 | 538.8 | 536.7 |
| 177.5° | 530.7 | 530.7 | 531.5 | 530.7 | 531.5 | 529.9 | 528.2 |
| 180° | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |

(END OF REPORT)