

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: P332553-830

Luminaire Tested: **S124DIP-S575D810U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332553-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIP-S575D810U830-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 810 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5493.2 lumens
Efficiency: N/A
Efficacy: 143.1 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: General Diffuse

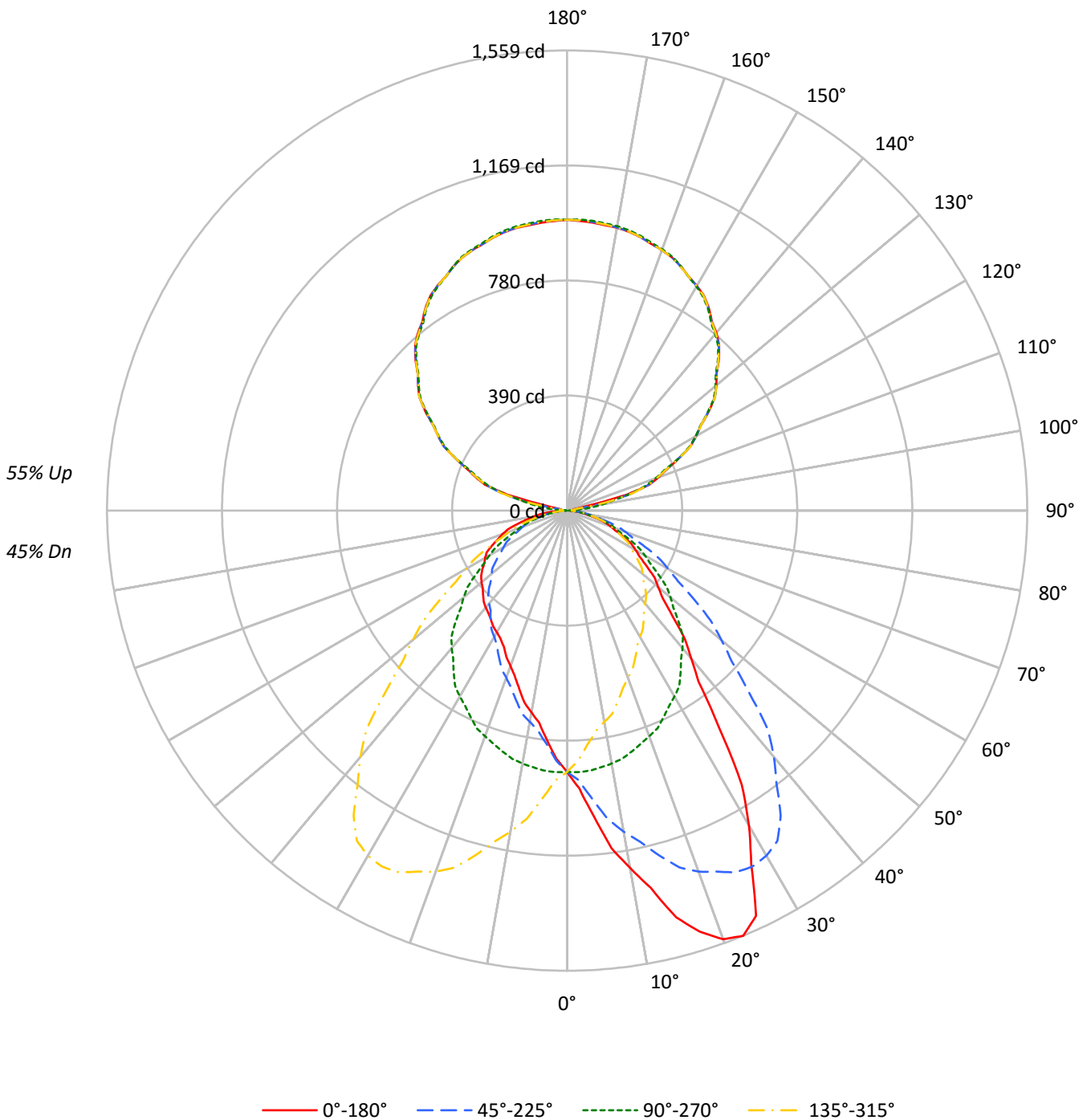
Input Watts (W): 38.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 45 | | | | 45 |
| 1 | 97 | 93 | 89 | 85 | 88 | 85 | 82 | 79 | 71 | 68 | 66 | 58 | 56 | 55 | 45 | 44 | 43 | 38 | | | | 38 |
| 2 | 88 | 81 | 75 | 70 | 81 | 74 | 69 | 65 | 62 | 58 | 55 | 51 | 48 | 46 | 40 | 38 | 37 | 32 | | | | 32 |
| 3 | 81 | 71 | 64 | 59 | 74 | 66 | 59 | 54 | 55 | 50 | 47 | 45 | 42 | 39 | 36 | 34 | 32 | 27 | | | | 27 |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 52 | 46 | 49 | 44 | 40 | 40 | 37 | 34 | 32 | 30 | 27 | 24 | | | | 24 |
| 5 | 68 | 56 | 48 | 43 | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 36 | 32 | 29 | 29 | 26 | 24 | 21 | | | | 21 |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 40 | 34 | 30 | 33 | 29 | 26 | 26 | 23 | 21 | 18 | | | | 18 |
| 7 | 58 | 46 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 27 | 30 | 26 | 23 | 24 | 21 | 19 | 16 | | | | 16 |
| 8 | 54 | 41 | 34 | 29 | 49 | 38 | 32 | 27 | 33 | 27 | 24 | 27 | 23 | 20 | 22 | 19 | 17 | 15 | | | | 15 |
| 9 | 50 | 38 | 30 | 26 | 46 | 35 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 | | | | 13 |
| 10 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 22 | 28 | 23 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | | | | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7146 | 7146 | 7146 | 7146 |
| 5° | 8417 | 7165 | 6324 | 7165 |
| 10° | 10077 | 7133 | 5694 | 7133 |
| 15° | 11922 | 7061 | 5229 | 7061 |
| 20° | 13277 | 6988 | 4814 | 6988 |
| 25° | 13491 | 6879 | 4528 | 6879 |
| 30° | 11479 | 6776 | 4437 | 6776 |
| 35° | 8825 | 6606 | 4438 | 6606 |
| 40° | 6880 | 6407 | 4521 | 6407 |
| 45° | 5736 | 6109 | 4598 | 6109 |
| 50° | 5048 | 5743 | 4752 | 5743 |
| 55° | 4625 | 5306 | 4944 | 5306 |
| 60° | 4334 | 4913 | 5176 | 4913 |
| 65° | 4034 | 4476 | 5366 | 4476 |
| 70° | 3687 | 4043 | 5488 | 4043 |
| 75° | 3297 | 3556 | 5421 | 3556 |
| 80° | 2762 | 2915 | 5249 | 2915 |
| 85° | 2038 | 2103 | 5030 | 2103 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 86.2 | 1.6 |
| 10°-20° | 265.8 | 4.8 |
| 20°-30° | 421.5 | 7.7 |
| 30°-40° | 469.1 | 8.5 |
| 40°-50° | 427.0 | 7.8 |
| 50°-60° | 349.0 | 6.4 |
| 60°-70° | 249.1 | 4.5 |
| 70°-80° | 137.2 | 2.5 |
| 80°-90° | 40.3 | 0.7 |
| 90°-100° | 33.7 | 0.6 |
| 100°-110° | 214.9 | 3.9 |
| 110°-120° | 411.0 | 7.5 |
| 120°-130° | 521.8 | 9.5 |
| 130°-140° | 558.3 | 10.2 |
| 140°-150° | 522.1 | 9.5 |
| 150°-160° | 421.0 | 7.7 |
| 160°-170° | 271.5 | 4.9 |
| 170°-180° | 93.6 | 1.7 |
| 0°-30° | 773.6 | 14.1 |
| 0°-40° | 1242.8 | 22.6 |
| 0°-60° | 2018.8 | 36.7 |
| 0°-90° | 2445.3 | 44.5 |
| 90°-120° | 659.6 | 12.0 |
| 90°-150° | 2261.8 | 41.2 |
| 90°-180° | 3048.0 | 55.5 |
| 0°-180° | 5493.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 885 | 885 | 885 | 885 | 885 | |
| 5° | 1039 | 884 | 780 | 884 | 1039 | 106 |
| 15° | 1426 | 845 | 626 | 845 | 1426 | 403 |
| 25° | 1515 | 772 | 508 | 772 | 1515 | 668 |
| 35° | 896 | 670 | 450 | 670 | 896 | 568 |
| 45° | 502 | 535 | 403 | 535 | 502 | 396 |
| 55° | 329 | 377 | 351 | 377 | 329 | 297 |
| 65° | 211 | 234 | 281 | 234 | 211 | 209 |
| 75° | 106 | 114 | 174 | 114 | 106 | 112 |
| 85° | 22 | 23 | 54 | 23 | 22 | 27 |
| 90° | 22 | 2 | 22 | 2 | 22 | 10 |
| 95° | 21 | 40 | 21 | 40 | 21 | 17 |
| 105° | 210 | 222 | 210 | 222 | 210 | 183 |
| 115° | 417 | 414 | 417 | 414 | 417 | 413 |
| 125° | 587 | 582 | 587 | 582 | 587 | 522 |
| 135° | 727 | 722 | 727 | 722 | 727 | 560 |
| 145° | 837 | 833 | 837 | 833 | 837 | 523 |
| 155° | 912 | 913 | 912 | 913 | 912 | 421 |
| 165° | 959 | 963 | 959 | 963 | 959 | 271 |
| 175° | 979 | 985 | 979 | 985 | 979 | 93 |
| 180° | 985 | 985 | 985 | 985 | 985 | |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 942.2 | 941.9 | 939.0 | 938.4 | 936.3 | 933.7 | 933.1 | 928.4 | 919.0 | 914.6 | 913.4 |
| 5° | 1038.6 | 1045.9 | 1036.3 | 1034.5 | 1033.4 | 1021.3 | 1015.1 | 1007.8 | 990.9 | 981.0 | 973.3 |
| 7.5° | 1153.6 | 1154.4 | 1150.3 | 1146.9 | 1137.6 | 1127.0 | 1111.2 | 1094.3 | 1074.2 | 1053.3 | 1037.6 |
| 10° | 1229.3 | 1232.2 | 1227.5 | 1226.7 | 1208.0 | 1196.3 | 1172.8 | 1153.0 | 1130.2 | 1104.9 | 1081.9 |
| 12.5° | 1309.1 | 1305.0 | 1302.5 | 1286.9 | 1283.4 | 1262.0 | 1234.7 | 1214.3 | 1179.2 | 1150.1 | 1119.4 |
| 15° | 1426.5 | 1418.5 | 1413.3 | 1391.8 | 1381.1 | 1351.4 | 1322.4 | 1300.0 | 1254.2 | 1210.6 | 1177.5 |
| 17.5° | 1495.5 | 1503.5 | 1491.7 | 1482.8 | 1455.3 | 1434.5 | 1404.9 | 1357.9 | 1322.0 | 1267.8 | 1226.2 |
| 20° | 1545.4 | 1546.1 | 1539.5 | 1530.3 | 1508.7 | 1482.3 | 1450.0 | 1398.7 | 1355.8 | 1301.8 | 1244.6 |
| 22.5° | 1558.9 | 1559.1 | 1556.2 | 1547.7 | 1531.3 | 1509.9 | 1477.3 | 1434.5 | 1382.5 | 1323.9 | 1266.7 |
| 25° | 1514.6 | 1513.2 | 1516.5 | 1526.0 | 1519.8 | 1513.2 | 1494.4 | 1462.5 | 1414.1 | 1352.1 | 1290.5 |
| 27.5° | 1350.0 | 1360.1 | 1378.8 | 1402.2 | 1424.8 | 1442.0 | 1446.9 | 1440.4 | 1410.3 | 1359.3 | 1294.9 |
| 30° | 1231.4 | 1244.0 | 1257.8 | 1281.4 | 1326.8 | 1352.8 | 1381.5 | 1403.1 | 1391.0 | 1350.3 | 1290.2 |
| 32.5° | 1101.2 | 1104.3 | 1124.9 | 1151.7 | 1193.4 | 1243.4 | 1288.7 | 1332.7 | 1347.3 | 1326.0 | 1275.7 |
| 35° | 895.5 | 900.7 | 923.0 | 949.4 | 1000.4 | 1061.7 | 1129.9 | 1190.7 | 1241.0 | 1261.2 | 1235.5 |
| 37.5° | 730.8 | 745.6 | 761.3 | 789.7 | 834.6 | 889.8 | 960.6 | 1039.3 | 1114.3 | 1164.4 | 1172.9 |
| 40° | 652.8 | 661.9 | 673.4 | 694.9 | 733.1 | 787.4 | 848.2 | 938.5 | 1018.0 | 1090.0 | 1113.4 |
| 42.5° | 591.2 | 596.5 | 603.5 | 623.0 | 652.1 | 706.1 | 761.7 | 841.0 | 921.0 | 1006.9 | 1046.2 |
| 45° | 502.4 | 507.9 | 519.6 | 531.0 | 553.0 | 590.4 | 642.2 | 707.4 | 787.7 | 870.6 | 943.2 |
| 47.5° | 438.3 | 441.9 | 448.8 | 461.0 | 479.7 | 504.4 | 546.4 | 600.9 | 675.3 | 755.8 | 833.2 |
| 50° | 401.9 | 404.8 | 410.4 | 421.4 | 435.6 | 457.7 | 492.1 | 543.1 | 601.4 | 682.5 | 758.4 |
| 52.5° | 373.2 | 374.4 | 378.4 | 385.9 | 397.3 | 415.8 | 444.0 | 486.2 | 540.5 | 612.7 | 688.2 |
| 55° | 328.6 | 330.1 | 333.8 | 339.2 | 349.1 | 360.9 | 382.5 | 414.1 | 461.4 | 524.1 | 589.7 |
| 57.5° | 291.9 | 292.9 | 296.1 | 298.1 | 306.3 | 315.8 | 332.4 | 355.0 | 390.9 | 444.0 | 502.7 |
| 60° | 268.4 | 267.7 | 271.4 | 273.2 | 278.7 | 286.8 | 299.6 | 321.2 | 352.4 | 395.3 | 449.2 |
| 62.5° | 245.5 | 244.5 | 247.6 | 250.1 | 253.2 | 260.0 | 270.6 | 287.5 | 312.8 | 351.7 | 398.2 |
| 65° | 211.2 | 209.8 | 211.6 | 214.5 | 217.4 | 221.1 | 228.8 | 243.8 | 264.0 | 291.9 | 327.4 |
| 67.5° | 176.7 | 178.3 | 178.6 | 180.0 | 181.7 | 186.7 | 192.0 | 202.6 | 216.9 | 239.2 | 269.3 |
| 70° | 156.2 | 156.6 | 158.1 | 158.1 | 159.2 | 163.5 | 168.0 | 174.2 | 188.1 | 208.7 | 233.3 |
| 72.5° | 135.7 | 137.2 | 136.7 | 137.8 | 138.6 | 141.6 | 144.8 | 150.7 | 162.6 | 177.9 | 198.6 |
| 75° | 105.7 | 106.7 | 106.7 | 107.1 | 108.2 | 109.2 | 111.9 | 116.2 | 124.7 | 136.0 | 150.3 |
| 77.5° | 77.0 | 77.2 | 77.7 | 79.0 | 79.0 | 80.8 | 82.7 | 86.1 | 90.4 | 98.1 | 106.9 |
| 80° | 59.4 | 60.1 | 59.8 | 60.5 | 60.5 | 62.0 | 62.7 | 67.1 | 68.9 | 74.1 | 81.1 |
| 82.5° | 43.5 | 44.3 | 44.2 | 45.2 | 45.8 | 46.1 | 47.1 | 48.9 | 50.7 | 55.3 | 58.2 |
| 85° | 22.0 | 22.7 | 22.0 | 22.7 | 23.8 | 24.2 | 25.3 | 25.6 | 27.1 | 28.3 | 30.8 |
| 87.5° | 10.8 | 11.7 | 11.6 | 11.9 | 12.3 | 12.5 | 12.6 | 12.2 | 13.1 | 13.2 | 14.1 |
| 90° | 22.1 | 21.8 | 21.5 | 21.1 | 20.8 | 20.2 | 19.1 | 18.2 | 17.2 | 16.2 | 14.9 |
| 92.5° | 20.4 | 20.3 | 20.2 | 20.2 | 20.1 | 19.5 | 18.6 | 17.6 | 16.6 | 15.6 | 14.3 |
| 95° | 21.4 | 21.2 | 21.0 | 20.9 | 20.7 | 20.2 | 19.1 | 18.2 | 17.2 | 16.2 | 16.0 |
| 97.5° | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 19.9 | 19.8 | 19.7 | 19.5 | 19.4 | 37.7 |
| 100° | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 21.3 | 24.0 | 26.9 | 29.6 | 32.4 | 55.0 |
| 102.5° | 21.2 | 21.2 | 21.1 | 21.1 | 21.1 | 36.1 | 66.2 | 96.1 | 126.2 | 156.3 | 159.2 |
| 105° | 210.0 | 215.9 | 221.8 | 227.7 | 233.7 | 235.8 | 234.3 | 232.9 | 231.4 | 229.9 | 229.1 |
| 107.5° | 292.8 | 292.1 | 291.4 | 290.9 | 290.2 | 289.5 | 288.8 | 288.1 | 287.4 | 286.7 | 285.6 |
| 110° | 328.7 | 328.2 | 327.7 | 327.3 | 326.7 | 326.3 | 326.0 | 325.6 | 325.4 | 325.0 | 324.0 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 364.7 | 364.0 | 363.4 | 362.8 | 362.1 | 361.8 | 361.9 | 362.0 | 362.1 | 362.1 | 361.7 |
| 115° | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.0 | 416.6 | 416.3 | 415.9 | 415.7 | 415.8 |
| 117.5° | 470.5 | 470.5 | 470.6 | 470.7 | 470.7 | 470.8 | 470.9 | 470.9 | 471.0 | 471.1 | 470.7 |
| 120° | 504.1 | 504.4 | 504.7 | 505.1 | 505.4 | 505.4 | 505.1 | 504.7 | 504.4 | 504.1 | 504.3 |
| 122.5° | 537.1 | 537.4 | 537.7 | 538.1 | 538.4 | 538.5 | 538.3 | 538.1 | 537.9 | 537.7 | 537.4 |
| 125° | 586.6 | 586.4 | 586.3 | 586.2 | 586.0 | 585.6 | 585.1 | 584.7 | 584.2 | 583.7 | 584.0 |
| 127.5° | 630.1 | 630.3 | 630.4 | 630.5 | 630.7 | 630.7 | 630.8 | 630.9 | 631.0 | 631.1 | 630.4 |
| 130° | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.5 | 659.3 | 659.2 | 659.0 | 658.8 | 658.4 |
| 132.5° | 686.7 | 686.8 | 686.9 | 687.1 | 687.2 | 687.2 | 687.0 | 686.9 | 686.7 | 686.5 | 685.9 |
| 135° | 727.4 | 727.1 | 726.7 | 726.4 | 726.0 | 725.8 | 725.4 | 725.1 | 724.7 | 724.4 | 723.8 |
| 137.5° | 762.1 | 762.2 | 762.3 | 762.4 | 762.5 | 762.4 | 762.0 | 761.7 | 761.4 | 761.0 | 760.3 |
| 140° | 786.4 | 786.2 | 786.0 | 785.9 | 785.7 | 785.3 | 784.9 | 784.4 | 783.9 | 783.3 | 783.1 |
| 142.5° | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.1 | 805.7 | 805.3 | 805.0 | 804.6 | 804.5 |
| 145° | 837.2 | 836.9 | 836.5 | 836.2 | 835.8 | 835.7 | 835.5 | 835.3 | 835.2 | 835.0 | 835.0 |
| 147.5° | 862.7 | 862.5 | 862.3 | 862.2 | 862.0 | 861.9 | 861.8 | 861.7 | 861.5 | 861.4 | 861.5 |
| 150° | 879.2 | 879.0 | 878.8 | 878.7 | 878.5 | 878.4 | 878.4 | 878.4 | 878.4 | 878.4 | 878.6 |
| 152.5° | 893.3 | 893.4 | 893.5 | 893.6 | 893.7 | 893.6 | 893.4 | 893.2 | 892.9 | 892.6 | 892.9 |
| 155° | 912.4 | 912.9 | 913.3 | 913.8 | 914.4 | 914.3 | 913.6 | 912.9 | 912.3 | 911.6 | 912.1 |
| 157.5° | 928.3 | 929.2 | 930.0 | 930.9 | 931.7 | 931.7 | 930.9 | 930.0 | 929.2 | 928.3 | 928.9 |
| 160° | 938.9 | 939.9 | 940.8 | 941.9 | 942.8 | 942.8 | 941.9 | 940.8 | 939.9 | 938.9 | 939.1 |
| 162.5° | 947.2 | 948.3 | 949.3 | 950.5 | 951.6 | 951.7 | 950.6 | 949.7 | 948.8 | 947.7 | 947.9 |
| 165° | 958.8 | 960.3 | 961.8 | 963.2 | 964.7 | 964.8 | 963.5 | 962.1 | 960.8 | 959.5 | 959.5 |
| 167.5° | 967.5 | 969.1 | 970.7 | 972.4 | 974.0 | 974.1 | 972.7 | 971.3 | 969.8 | 968.4 | 968.5 |
| 170° | 972.8 | 974.4 | 976.1 | 977.7 | 979.3 | 979.5 | 978.2 | 976.9 | 975.5 | 974.3 | 974.1 |
| 172.5° | 975.7 | 977.5 | 979.3 | 981.1 | 982.8 | 983.1 | 981.8 | 980.4 | 979.1 | 977.8 | 977.6 |
| 175° | 979.4 | 981.4 | 983.4 | 985.3 | 987.3 | 987.5 | 986.1 | 984.6 | 983.1 | 981.7 | 981.5 |
| 177.5° | 981.8 | 983.4 | 985.0 | 986.5 | 988.1 | 988.4 | 987.3 | 986.3 | 985.1 | 984.1 | 983.9 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 913.7 | 909.6 | 906.7 | 904.4 | 897.9 | 894.1 | 891.2 | 887.0 | 882.3 | 877.3 | 871.2 |
| 5° | 965.6 | 953.1 | 944.0 | 930.0 | 916.8 | 905.8 | 894.5 | 884.2 | 871.7 | 858.2 | 848.2 |
| 7.5° | 1020.1 | 1001.5 | 977.8 | 957.2 | 934.0 | 913.8 | 895.8 | 877.3 | 858.1 | 839.4 | 822.4 |
| 10° | 1054.7 | 1030.9 | 1004.5 | 973.3 | 944.0 | 917.9 | 893.7 | 870.2 | 847.5 | 824.7 | 805.3 |
| 12.5° | 1091.9 | 1062.2 | 1023.2 | 986.7 | 953.9 | 919.1 | 889.9 | 861.1 | 833.7 | 809.8 | 787.1 |
| 15° | 1142.0 | 1099.1 | 1054.0 | 1005.2 | 962.0 | 921.2 | 881.3 | 844.9 | 814.2 | 782.6 | 760.6 |
| 17.5° | 1172.7 | 1119.6 | 1068.1 | 1017.1 | 964.7 | 913.3 | 870.2 | 828.4 | 789.8 | 758.5 | 730.8 |
| 20° | 1193.0 | 1140.2 | 1076.0 | 1025.0 | 962.6 | 909.8 | 860.0 | 813.4 | 773.1 | 739.7 | 711.1 |
| 22.5° | 1210.6 | 1149.5 | 1085.3 | 1018.2 | 956.2 | 900.1 | 845.6 | 798.7 | 757.5 | 722.4 | 694.9 |
| 25° | 1220.1 | 1150.1 | 1080.3 | 1013.6 | 943.2 | 876.8 | 827.4 | 772.3 | 728.3 | 691.3 | 661.9 |
| 27.5° | 1221.2 | 1146.2 | 1067.4 | 993.3 | 920.6 | 858.8 | 796.3 | 747.1 | 701.4 | 662.2 | 634.0 |
| 30° | 1217.9 | 1139.8 | 1055.1 | 974.8 | 901.8 | 834.6 | 780.4 | 726.9 | 680.2 | 641.4 | 612.1 |
| 32.5° | 1207.6 | 1126.2 | 1039.2 | 954.2 | 878.6 | 812.9 | 757.0 | 706.1 | 660.6 | 622.4 | 591.5 |
| 35° | 1177.9 | 1097.6 | 1004.8 | 916.4 | 839.1 | 772.7 | 722.1 | 670.3 | 624.9 | 588.6 | 558.9 |
| 37.5° | 1131.5 | 1058.9 | 964.6 | 873.1 | 797.1 | 730.5 | 680.2 | 633.6 | 592.6 | 555.6 | 525.2 |
| 40° | 1091.0 | 1027.2 | 932.6 | 843.5 | 761.3 | 697.9 | 650.9 | 608.0 | 567.3 | 532.4 | 503.5 |
| 42.5° | 1044.3 | 988.7 | 901.4 | 807.1 | 727.8 | 664.1 | 618.4 | 579.9 | 541.5 | 509.3 | 480.3 |
| 45° | 961.2 | 924.5 | 842.4 | 755.1 | 672.6 | 612.5 | 568.8 | 535.1 | 502.8 | 471.3 | 447.0 |
| 47.5° | 865.5 | 847.3 | 778.2 | 695.3 | 617.0 | 557.7 | 519.9 | 488.7 | 460.4 | 433.7 | 412.4 |
| 50° | 801.3 | 792.5 | 732.7 | 652.8 | 578.0 | 522.3 | 484.1 | 457.3 | 433.1 | 409.6 | 389.5 |
| 52.5° | 737.9 | 737.6 | 683.7 | 610.5 | 541.3 | 487.6 | 449.8 | 424.7 | 403.8 | 384.7 | 366.6 |
| 55° | 641.0 | 651.3 | 609.2 | 543.8 | 481.9 | 433.5 | 399.4 | 377.0 | 362.3 | 346.6 | 333.0 |
| 57.5° | 552.0 | 569.1 | 534.3 | 476.8 | 425.1 | 380.5 | 350.8 | 334.0 | 318.4 | 308.9 | 299.0 |
| 60° | 494.0 | 510.1 | 483.0 | 434.6 | 385.8 | 347.6 | 319.4 | 304.3 | 290.8 | 284.2 | 277.2 |
| 62.5° | 442.3 | 456.8 | 436.6 | 391.7 | 349.4 | 312.7 | 288.9 | 274.5 | 265.3 | 258.1 | 253.4 |
| 65° | 368.5 | 380.7 | 363.4 | 330.8 | 294.5 | 265.1 | 245.7 | 234.3 | 225.6 | 222.6 | 217.4 |
| 67.5° | 297.9 | 309.0 | 299.6 | 271.9 | 242.8 | 220.6 | 205.4 | 194.4 | 189.3 | 186.6 | 183.0 |
| 70° | 256.0 | 267.0 | 257.0 | 232.9 | 210.5 | 191.8 | 177.5 | 171.3 | 165.8 | 164.7 | 159.6 |
| 72.5° | 220.5 | 228.0 | 218.0 | 199.2 | 180.0 | 164.2 | 153.2 | 146.7 | 143.7 | 141.8 | 139.0 |
| 75° | 165.4 | 172.0 | 165.4 | 150.7 | 137.1 | 126.1 | 116.6 | 114.0 | 110.7 | 109.6 | 107.8 |
| 77.5° | 117.1 | 122.8 | 117.7 | 108.6 | 98.4 | 89.9 | 84.8 | 81.5 | 80.8 | 78.9 | 79.7 |
| 80° | 89.4 | 93.1 | 88.4 | 82.2 | 74.1 | 68.2 | 64.6 | 62.7 | 60.5 | 59.8 | 61.3 |
| 82.5° | 64.3 | 65.9 | 63.4 | 59.3 | 53.3 | 49.4 | 46.9 | 44.8 | 44.4 | 44.5 | 44.5 |
| 85° | 33.4 | 33.0 | 32.6 | 28.9 | 27.1 | 24.6 | 23.1 | 22.7 | 22.3 | 23.1 | 23.8 |
| 87.5° | 13.9 | 13.9 | 13.4 | 11.9 | 10.7 | 9.3 | 8.8 | 8.1 | 8.8 | 9.3 | 10.0 |
| 90° | 13.6 | 12.3 | 10.9 | 9.4 | 7.6 | 5.8 | 4.1 | 2.2 | 4.1 | 5.8 | 7.6 |
| 92.5° | 13.0 | 11.7 | 10.4 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.4 | 9.5 | 9.6 |
| 95° | 15.9 | 15.7 | 15.6 | 18.3 | 23.8 | 29.4 | 35.0 | 40.5 | 35.0 | 29.4 | 23.8 |
| 97.5° | 56.0 | 74.3 | 92.6 | 100.0 | 96.5 | 93.0 | 89.5 | 86.1 | 89.5 | 93.0 | 96.5 |
| 100° | 77.7 | 100.2 | 122.8 | 132.6 | 129.7 | 126.8 | 123.9 | 120.8 | 123.9 | 126.8 | 129.7 |
| 102.5° | 162.1 | 165.0 | 168.1 | 168.4 | 166.3 | 164.1 | 161.9 | 159.8 | 161.9 | 164.1 | 166.3 |
| 105° | 228.3 | 227.4 | 226.7 | 225.7 | 224.8 | 223.8 | 222.8 | 221.8 | 222.8 | 223.8 | 224.8 |
| 107.5° | 284.5 | 283.3 | 282.2 | 281.4 | 281.0 | 280.4 | 279.9 | 279.5 | 279.9 | 280.4 | 281.0 |
| 110° | 323.0 | 322.1 | 321.0 | 320.4 | 319.8 | 319.3 | 318.9 | 318.4 | 318.9 | 319.3 | 319.8 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 361.2 | 360.8 | 360.3 | 359.7 | 358.7 | 357.9 | 356.9 | 356.1 | 356.9 | 357.9 | 358.7 |
| 115° | 415.9 | 416.1 | 416.3 | 416.1 | 415.7 | 415.2 | 414.6 | 414.2 | 414.6 | 415.2 | 415.7 |
| 117.5° | 470.3 | 470.0 | 469.7 | 469.1 | 468.4 | 467.8 | 467.1 | 466.5 | 467.1 | 467.8 | 468.4 |
| 120° | 504.4 | 504.5 | 504.7 | 504.4 | 503.9 | 503.2 | 502.6 | 501.9 | 502.6 | 503.2 | 503.9 |
| 122.5° | 537.2 | 537.0 | 536.8 | 536.5 | 536.0 | 535.6 | 535.3 | 534.9 | 535.3 | 535.6 | 536.0 |
| 125° | 584.4 | 584.7 | 584.9 | 584.8 | 584.2 | 583.5 | 582.9 | 582.2 | 582.9 | 583.5 | 584.2 |
| 127.5° | 629.6 | 628.9 | 628.1 | 627.6 | 627.5 | 627.4 | 627.2 | 627.0 | 627.2 | 627.4 | 627.5 |
| 130° | 657.9 | 657.3 | 656.9 | 656.6 | 656.4 | 656.2 | 656.1 | 655.9 | 656.1 | 656.2 | 656.4 |
| 132.5° | 685.3 | 684.7 | 684.1 | 683.6 | 683.3 | 683.1 | 682.7 | 682.4 | 682.7 | 683.1 | 683.3 |
| 135° | 723.1 | 722.5 | 721.8 | 721.6 | 721.7 | 721.9 | 722.1 | 722.3 | 722.1 | 721.9 | 721.7 |
| 137.5° | 759.6 | 758.8 | 758.1 | 757.7 | 757.6 | 757.6 | 757.5 | 757.4 | 757.5 | 757.6 | 757.6 |
| 140° | 782.8 | 782.4 | 782.1 | 781.7 | 781.5 | 781.1 | 780.8 | 780.4 | 780.8 | 781.1 | 781.5 |
| 142.5° | 804.3 | 804.0 | 803.8 | 803.4 | 802.9 | 802.3 | 801.6 | 801.1 | 801.6 | 802.3 | 802.9 |
| 145° | 835.0 | 835.0 | 835.0 | 834.7 | 834.2 | 833.8 | 833.3 | 832.7 | 833.3 | 833.8 | 834.2 |
| 147.5° | 861.7 | 861.9 | 862.0 | 861.7 | 860.7 | 859.8 | 858.9 | 858.0 | 858.9 | 859.8 | 860.7 |
| 150° | 878.8 | 878.9 | 879.1 | 878.8 | 878.3 | 877.6 | 876.9 | 876.3 | 876.9 | 877.6 | 878.3 |
| 152.5° | 893.2 | 893.5 | 893.8 | 893.7 | 893.2 | 892.6 | 892.1 | 891.6 | 892.1 | 892.6 | 893.2 |
| 155° | 912.6 | 913.1 | 913.6 | 913.8 | 913.6 | 913.4 | 913.2 | 913.1 | 913.2 | 913.4 | 913.6 |
| 157.5° | 929.4 | 929.9 | 930.5 | 930.9 | 930.9 | 931.0 | 931.1 | 931.2 | 931.1 | 931.0 | 930.9 |
| 160° | 939.2 | 939.4 | 939.5 | 939.9 | 940.4 | 940.8 | 941.3 | 941.9 | 941.3 | 940.8 | 940.4 |
| 162.5° | 948.1 | 948.2 | 948.4 | 948.8 | 949.4 | 950.0 | 950.6 | 951.3 | 950.6 | 950.0 | 949.4 |
| 165° | 959.5 | 959.5 | 959.5 | 960.0 | 960.7 | 961.6 | 962.4 | 963.2 | 962.4 | 961.6 | 960.7 |
| 167.5° | 968.6 | 968.7 | 968.7 | 969.2 | 970.1 | 970.9 | 971.8 | 972.6 | 971.8 | 970.9 | 970.1 |
| 170° | 973.9 | 973.7 | 973.6 | 974.0 | 975.0 | 976.0 | 976.9 | 978.0 | 976.9 | 976.0 | 975.0 |
| 172.5° | 977.5 | 977.3 | 977.1 | 977.6 | 978.5 | 979.5 | 980.5 | 981.5 | 980.5 | 979.5 | 978.5 |
| 175° | 981.3 | 981.2 | 981.0 | 981.4 | 982.4 | 983.4 | 984.3 | 985.3 | 984.3 | 983.4 | 982.4 |
| 177.5° | 983.6 | 983.4 | 983.1 | 983.4 | 984.3 | 985.2 | 986.2 | 987.1 | 986.2 | 985.2 | 984.3 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 868.3 | 865.6 | 861.8 | 856.5 | 852.2 | 847.4 | 846.2 | 844.5 | 848.0 | 845.1 | 844.2 |
| 5° | 839.8 | 832.1 | 822.2 | 810.9 | 804.3 | 794.7 | 792.9 | 789.2 | 785.5 | 785.1 | 781.5 |
| 7.5° | 809.6 | 798.3 | 785.4 | 773.8 | 763.1 | 752.7 | 745.8 | 744.4 | 739.0 | 735.8 | 732.2 |
| 10° | 790.3 | 776.4 | 761.3 | 750.4 | 737.8 | 726.9 | 719.2 | 714.7 | 711.1 | 707.0 | 703.4 |
| 12.5° | 767.4 | 752.6 | 740.2 | 728.3 | 713.5 | 705.1 | 692.5 | 684.9 | 684.1 | 684.2 | 674.7 |
| 15° | 740.7 | 726.1 | 707.0 | 690.2 | 682.1 | 666.0 | 659.0 | 650.2 | 644.7 | 639.2 | 634.8 |
| 17.5° | 710.4 | 692.1 | 677.2 | 657.8 | 642.4 | 629.6 | 620.4 | 615.1 | 606.9 | 599.1 | 593.4 |
| 20° | 691.3 | 671.8 | 656.1 | 635.6 | 618.7 | 602.9 | 595.2 | 587.9 | 581.6 | 575.0 | 568.8 |
| 22.5° | 671.9 | 651.6 | 632.4 | 612.4 | 596.6 | 580.0 | 572.6 | 562.6 | 556.7 | 553.0 | 546.8 |
| 25° | 641.4 | 619.4 | 597.4 | 578.3 | 562.2 | 547.5 | 537.6 | 529.9 | 523.3 | 520.4 | 516.3 |
| 27.5° | 608.2 | 586.4 | 565.1 | 543.5 | 525.2 | 514.5 | 506.6 | 500.8 | 497.0 | 493.1 | 491.3 |
| 30° | 587.1 | 564.4 | 541.7 | 521.5 | 504.6 | 494.0 | 486.6 | 482.6 | 479.7 | 477.9 | 476.0 |
| 32.5° | 565.7 | 543.3 | 519.3 | 501.0 | 485.9 | 476.4 | 470.8 | 466.7 | 465.3 | 464.7 | 464.0 |
| 35° | 531.4 | 508.7 | 486.6 | 470.1 | 455.8 | 452.1 | 447.4 | 445.2 | 444.5 | 447.0 | 448.2 |
| 37.5° | 498.1 | 477.0 | 456.8 | 440.8 | 431.4 | 426.0 | 424.4 | 424.5 | 427.2 | 429.4 | 432.1 |
| 40° | 476.7 | 456.2 | 437.2 | 423.2 | 414.4 | 411.1 | 410.4 | 412.2 | 415.1 | 417.7 | 420.7 |
| 42.5° | 455.9 | 435.6 | 418.4 | 405.3 | 399.2 | 396.2 | 396.6 | 398.4 | 402.6 | 405.7 | 410.1 |
| 45° | 423.6 | 406.7 | 389.8 | 379.2 | 374.1 | 374.8 | 374.8 | 378.1 | 382.1 | 386.9 | 391.6 |
| 47.5° | 393.1 | 376.1 | 362.2 | 353.3 | 350.6 | 350.0 | 352.0 | 356.4 | 362.2 | 368.1 | 374.8 |
| 50° | 372.6 | 356.5 | 344.3 | 336.3 | 333.4 | 334.4 | 337.4 | 341.4 | 348.4 | 355.7 | 362.7 |
| 52.5° | 351.8 | 337.1 | 325.8 | 318.4 | 316.3 | 318.3 | 321.2 | 327.6 | 333.8 | 341.7 | 350.1 |
| 55° | 319.4 | 307.0 | 298.1 | 292.7 | 291.9 | 293.0 | 296.3 | 303.3 | 312.1 | 322.0 | 330.1 |
| 57.5° | 287.2 | 276.8 | 268.7 | 264.9 | 265.3 | 266.4 | 271.7 | 280.0 | 289.5 | 300.0 | 310.4 |
| 60° | 265.5 | 256.0 | 249.4 | 246.5 | 246.9 | 249.0 | 255.6 | 263.3 | 275.0 | 285.3 | 296.3 |
| 62.5° | 245.0 | 236.6 | 230.3 | 227.6 | 227.2 | 232.0 | 238.3 | 246.3 | 258.1 | 269.5 | 281.3 |
| 65° | 212.0 | 205.4 | 200.2 | 198.8 | 199.8 | 203.5 | 211.6 | 222.3 | 232.1 | 244.2 | 256.7 |
| 67.5° | 179.6 | 174.3 | 170.8 | 171.4 | 172.8 | 178.1 | 184.9 | 194.1 | 205.3 | 217.8 | 230.2 |
| 70° | 159.2 | 154.0 | 151.1 | 151.5 | 153.6 | 160.2 | 166.2 | 175.3 | 187.4 | 200.2 | 210.5 |
| 72.5° | 138.1 | 134.7 | 132.1 | 133.6 | 135.7 | 140.3 | 147.6 | 156.8 | 167.5 | 179.4 | 190.3 |
| 75° | 105.9 | 105.9 | 104.5 | 105.7 | 109.0 | 113.3 | 118.9 | 128.4 | 139.0 | 148.5 | 157.3 |
| 77.5° | 78.6 | 77.9 | 78.8 | 80.1 | 82.0 | 87.2 | 93.5 | 100.4 | 108.3 | 117.9 | 125.2 |
| 80° | 60.1 | 60.5 | 62.3 | 64.6 | 65.3 | 69.3 | 75.9 | 82.2 | 88.4 | 96.4 | 103.4 |
| 82.5° | 45.1 | 45.5 | 46.5 | 49.3 | 50.0 | 54.4 | 58.6 | 64.8 | 70.5 | 75.9 | 81.7 |
| 85° | 24.6 | 24.6 | 26.4 | 27.5 | 29.3 | 32.2 | 34.9 | 38.5 | 43.6 | 47.3 | 52.8 |
| 87.5° | 11.3 | 11.6 | 13.0 | 13.9 | 15.0 | 16.8 | 17.5 | 20.9 | 22.3 | 23.9 | 26.8 |
| 90° | 9.4 | 10.9 | 12.3 | 13.6 | 14.9 | 16.2 | 17.2 | 18.2 | 19.1 | 20.2 | 20.8 |
| 92.5° | 9.7 | 10.4 | 11.7 | 13.0 | 14.3 | 15.6 | 16.6 | 17.6 | 18.6 | 19.5 | 20.1 |
| 95° | 18.3 | 15.6 | 15.7 | 15.9 | 16.0 | 16.2 | 17.2 | 18.2 | 19.1 | 20.2 | 20.7 |
| 97.5° | 100.0 | 92.6 | 74.3 | 56.0 | 37.7 | 19.4 | 19.5 | 19.7 | 19.8 | 19.9 | 20.0 |
| 100° | 132.6 | 122.8 | 100.2 | 77.7 | 55.0 | 32.4 | 29.6 | 26.9 | 24.0 | 21.3 | 20.0 |
| 102.5° | 168.4 | 168.1 | 165.0 | 162.1 | 159.2 | 156.3 | 126.2 | 96.1 | 66.2 | 36.1 | 21.1 |
| 105° | 225.7 | 226.7 | 227.4 | 228.3 | 229.1 | 229.9 | 231.4 | 232.9 | 234.3 | 235.8 | 233.7 |
| 107.5° | 281.4 | 282.2 | 283.3 | 284.5 | 285.6 | 286.7 | 287.4 | 288.1 | 288.8 | 289.5 | 290.2 |
| 110° | 320.4 | 321.0 | 322.1 | 323.0 | 324.0 | 325.0 | 325.4 | 325.6 | 326.0 | 326.3 | 326.7 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 359.7 | 360.3 | 360.8 | 361.2 | 361.7 | 362.1 | 362.1 | 362.0 | 361.9 | 361.8 | 362.1 |
| 115° | 416.1 | 416.3 | 416.1 | 415.9 | 415.8 | 415.7 | 415.9 | 416.3 | 416.6 | 417.0 | 417.2 |
| 117.5° | 469.1 | 469.7 | 470.0 | 470.3 | 470.7 | 471.1 | 471.0 | 470.9 | 470.9 | 470.8 | 470.7 |
| 120° | 504.4 | 504.7 | 504.5 | 504.4 | 504.3 | 504.1 | 504.4 | 504.7 | 505.1 | 505.4 | 505.4 |
| 122.5° | 536.5 | 536.8 | 537.0 | 537.2 | 537.4 | 537.7 | 537.9 | 538.1 | 538.3 | 538.5 | 538.4 |
| 125° | 584.8 | 584.9 | 584.7 | 584.4 | 584.0 | 583.7 | 584.2 | 584.7 | 585.1 | 585.6 | 586.0 |
| 127.5° | 627.6 | 628.1 | 628.9 | 629.6 | 630.4 | 631.1 | 631.0 | 630.9 | 630.8 | 630.7 | 630.7 |
| 130° | 656.6 | 656.9 | 657.3 | 657.9 | 658.4 | 658.8 | 659.0 | 659.2 | 659.3 | 659.5 | 659.6 |
| 132.5° | 683.6 | 684.1 | 684.7 | 685.3 | 685.9 | 686.5 | 686.7 | 686.9 | 687.0 | 687.2 | 687.2 |
| 135° | 721.6 | 721.8 | 722.5 | 723.1 | 723.8 | 724.4 | 724.7 | 725.1 | 725.4 | 725.8 | 726.0 |
| 137.5° | 757.7 | 758.1 | 758.8 | 759.6 | 760.3 | 761.0 | 761.4 | 761.7 | 762.0 | 762.4 | 762.5 |
| 140° | 781.7 | 782.1 | 782.4 | 782.8 | 783.1 | 783.3 | 783.9 | 784.4 | 784.9 | 785.3 | 785.7 |
| 142.5° | 803.4 | 803.8 | 804.0 | 804.3 | 804.5 | 804.6 | 805.0 | 805.3 | 805.7 | 806.1 | 806.3 |
| 145° | 834.7 | 835.0 | 835.0 | 835.0 | 835.0 | 835.0 | 835.2 | 835.3 | 835.5 | 835.7 | 835.8 |
| 147.5° | 861.7 | 862.0 | 861.9 | 861.7 | 861.5 | 861.4 | 861.5 | 861.7 | 861.8 | 861.9 | 862.0 |
| 150° | 878.8 | 879.1 | 878.9 | 878.8 | 878.6 | 878.4 | 878.4 | 878.4 | 878.4 | 878.4 | 878.5 |
| 152.5° | 893.7 | 893.8 | 893.5 | 893.2 | 892.9 | 892.6 | 892.9 | 893.2 | 893.4 | 893.6 | 893.7 |
| 155° | 913.8 | 913.6 | 913.1 | 912.6 | 912.1 | 911.6 | 912.3 | 912.9 | 913.6 | 914.3 | 914.4 |
| 157.5° | 930.9 | 930.5 | 929.9 | 929.4 | 928.9 | 928.3 | 929.2 | 930.0 | 930.9 | 931.7 | 931.7 |
| 160° | 939.9 | 939.5 | 939.4 | 939.2 | 939.1 | 938.9 | 939.9 | 940.8 | 941.9 | 942.8 | 942.8 |
| 162.5° | 948.8 | 948.4 | 948.2 | 948.1 | 947.9 | 947.7 | 948.8 | 949.7 | 950.6 | 951.7 | 951.6 |
| 165° | 960.0 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 960.8 | 962.1 | 963.5 | 964.8 | 964.7 |
| 167.5° | 969.2 | 968.7 | 968.7 | 968.6 | 968.5 | 968.4 | 969.8 | 971.3 | 972.7 | 974.1 | 974.0 |
| 170° | 974.0 | 973.6 | 973.7 | 973.9 | 974.1 | 974.3 | 975.5 | 976.9 | 978.2 | 979.5 | 979.3 |
| 172.5° | 977.6 | 977.1 | 977.3 | 977.5 | 977.6 | 977.8 | 979.1 | 980.4 | 981.8 | 983.1 | 982.8 |
| 175° | 981.4 | 981.0 | 981.2 | 981.3 | 981.5 | 981.7 | 983.1 | 984.6 | 986.1 | 987.5 | 987.3 |
| 177.5° | 983.4 | 983.1 | 983.4 | 983.6 | 983.9 | 984.1 | 985.1 | 986.3 | 987.3 | 988.4 | 988.1 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 843.6 | 843.0 | 840.9 | 840.7 | 840.9 | 843.0 | 843.6 | 844.2 | 845.1 | 848.0 | 844.5 |
| 5° | 779.3 | 777.5 | 776.4 | 780.4 | 776.4 | 777.5 | 779.3 | 781.5 | 785.1 | 785.5 | 789.2 |
| 7.5° | 730.8 | 729.3 | 726.1 | 725.1 | 726.1 | 729.3 | 730.8 | 732.2 | 735.8 | 739.0 | 744.4 |
| 10° | 699.7 | 698.2 | 695.3 | 694.6 | 695.3 | 698.2 | 699.7 | 703.4 | 707.0 | 711.1 | 714.7 |
| 12.5° | 669.8 | 666.8 | 666.3 | 667.0 | 666.3 | 666.8 | 669.8 | 674.7 | 684.2 | 684.1 | 684.9 |
| 15° | 630.0 | 628.6 | 624.5 | 625.7 | 624.5 | 628.6 | 630.0 | 634.8 | 639.2 | 644.7 | 650.2 |
| 17.5° | 590.9 | 589.1 | 584.2 | 588.5 | 584.2 | 589.1 | 590.9 | 593.4 | 599.1 | 606.9 | 615.1 |
| 20° | 566.2 | 563.3 | 560.7 | 560.3 | 560.7 | 563.3 | 566.2 | 568.8 | 575.0 | 581.6 | 587.9 |
| 22.5° | 542.7 | 540.1 | 539.9 | 537.4 | 539.9 | 540.1 | 542.7 | 546.8 | 553.0 | 556.7 | 562.6 |
| 25° | 513.4 | 510.9 | 510.1 | 508.3 | 510.1 | 510.9 | 513.4 | 516.3 | 520.4 | 523.3 | 529.9 |
| 27.5° | 490.9 | 489.7 | 488.3 | 488.9 | 488.3 | 489.7 | 490.9 | 491.3 | 493.1 | 497.0 | 500.8 |
| 30° | 477.1 | 476.7 | 476.0 | 476.0 | 476.0 | 476.7 | 477.1 | 476.0 | 477.9 | 479.7 | 482.6 |
| 32.5° | 465.7 | 465.6 | 466.0 | 466.0 | 466.0 | 465.6 | 465.7 | 464.0 | 464.7 | 465.3 | 466.7 |
| 35° | 449.6 | 450.7 | 451.5 | 450.3 | 451.5 | 450.7 | 449.6 | 448.2 | 447.0 | 444.5 | 445.2 |
| 37.5° | 435.1 | 436.2 | 437.2 | 438.5 | 437.2 | 436.2 | 435.1 | 432.1 | 429.4 | 427.2 | 424.5 |
| 40° | 424.0 | 426.5 | 427.3 | 429.0 | 427.3 | 426.5 | 424.0 | 420.7 | 417.7 | 415.1 | 412.2 |
| 42.5° | 413.4 | 416.2 | 418.1 | 418.5 | 418.1 | 416.2 | 413.4 | 410.1 | 405.7 | 402.6 | 398.4 |
| 45° | 397.2 | 400.1 | 402.7 | 402.7 | 402.7 | 400.1 | 397.2 | 391.6 | 386.9 | 382.1 | 378.1 |
| 47.5° | 380.4 | 384.7 | 387.2 | 387.9 | 387.2 | 384.7 | 380.4 | 374.8 | 368.1 | 362.2 | 356.4 |
| 50° | 368.9 | 374.1 | 376.6 | 378.4 | 376.6 | 374.1 | 368.9 | 362.7 | 355.7 | 348.4 | 341.4 |
| 52.5° | 357.8 | 362.9 | 366.4 | 367.3 | 366.4 | 362.9 | 357.8 | 350.1 | 341.7 | 333.8 | 327.6 |
| 55° | 338.5 | 345.8 | 349.9 | 351.3 | 349.9 | 345.8 | 338.5 | 330.1 | 322.0 | 312.1 | 303.3 |
| 57.5° | 320.3 | 327.1 | 331.8 | 332.8 | 331.8 | 327.1 | 320.3 | 310.4 | 300.0 | 289.5 | 280.0 |
| 60° | 306.2 | 313.6 | 319.4 | 320.6 | 319.4 | 313.6 | 306.2 | 296.3 | 285.3 | 275.0 | 263.3 |
| 62.5° | 291.8 | 299.4 | 304.7 | 307.6 | 304.7 | 299.4 | 291.8 | 281.3 | 269.5 | 258.1 | 246.3 |
| 65° | 267.0 | 274.7 | 279.8 | 280.9 | 279.8 | 274.7 | 267.0 | 256.7 | 244.2 | 232.1 | 222.3 |
| 67.5° | 239.9 | 247.5 | 250.9 | 253.1 | 250.9 | 247.5 | 239.9 | 230.2 | 217.8 | 205.3 | 194.1 |
| 70° | 220.7 | 227.0 | 230.6 | 232.5 | 230.6 | 227.0 | 220.7 | 210.5 | 200.2 | 187.4 | 175.3 |
| 72.5° | 199.1 | 205.6 | 209.8 | 210.2 | 209.8 | 205.6 | 199.1 | 190.3 | 179.4 | 167.5 | 156.8 |
| 75° | 165.8 | 171.6 | 173.8 | 173.8 | 173.8 | 171.6 | 165.8 | 157.3 | 148.5 | 139.0 | 128.4 |
| 77.5° | 131.2 | 134.2 | 137.0 | 137.6 | 137.0 | 134.2 | 131.2 | 125.2 | 117.9 | 108.3 | 100.4 |
| 80° | 109.0 | 110.7 | 112.9 | 112.9 | 112.9 | 110.7 | 109.0 | 103.4 | 96.4 | 88.4 | 82.2 |
| 82.5° | 86.1 | 87.6 | 89.7 | 89.4 | 89.7 | 87.6 | 86.1 | 81.7 | 75.9 | 70.5 | 64.8 |
| 85° | 52.0 | 55.4 | 55.0 | 54.3 | 55.0 | 55.4 | 52.0 | 52.8 | 47.3 | 43.6 | 38.5 |
| 87.5° | 27.7 | 28.1 | 29.0 | 29.7 | 29.0 | 28.1 | 27.7 | 26.8 | 23.9 | 22.3 | 20.9 |
| 90° | 21.1 | 21.5 | 21.8 | 22.1 | 21.8 | 21.5 | 21.1 | 20.8 | 20.2 | 19.1 | 18.2 |
| 92.5° | 20.2 | 20.2 | 20.3 | 20.4 | 20.3 | 20.2 | 20.2 | 20.1 | 19.5 | 18.6 | 17.6 |
| 95° | 20.9 | 21.0 | 21.2 | 21.4 | 21.2 | 21.0 | 20.9 | 20.7 | 20.2 | 19.1 | 18.2 |
| 97.5° | 20.2 | 20.3 | 20.5 | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 19.9 | 19.8 | 19.7 |
| 100° | 20.2 | 20.3 | 20.5 | 20.6 | 20.5 | 20.3 | 20.2 | 20.0 | 21.3 | 24.0 | 26.9 |
| 102.5° | 21.1 | 21.1 | 21.2 | 21.2 | 21.2 | 21.1 | 21.1 | 21.1 | 36.1 | 66.2 | 96.1 |
| 105° | 227.7 | 221.8 | 215.9 | 210.0 | 215.9 | 221.8 | 227.7 | 233.7 | 235.8 | 234.3 | 232.9 |
| 107.5° | 290.9 | 291.4 | 292.1 | 292.8 | 292.1 | 291.4 | 290.9 | 290.2 | 289.5 | 288.8 | 288.1 |
| 110° | 327.3 | 327.7 | 328.2 | 328.7 | 328.2 | 327.7 | 327.3 | 326.7 | 326.3 | 326.0 | 325.6 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.8 | 363.4 | 364.0 | 364.7 | 364.0 | 363.4 | 362.8 | 362.1 | 361.8 | 361.9 | 362.0 |
| 115° | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 | 417.0 | 416.6 | 416.3 |
| 117.5° | 470.7 | 470.6 | 470.5 | 470.5 | 470.5 | 470.6 | 470.7 | 470.7 | 470.8 | 470.9 | 470.9 |
| 120° | 505.1 | 504.7 | 504.4 | 504.1 | 504.4 | 504.7 | 505.1 | 505.4 | 505.4 | 505.1 | 504.7 |
| 122.5° | 538.1 | 537.7 | 537.4 | 537.1 | 537.4 | 537.7 | 538.1 | 538.4 | 538.5 | 538.3 | 538.1 |
| 125° | 586.2 | 586.3 | 586.4 | 586.6 | 586.4 | 586.3 | 586.2 | 586.0 | 585.6 | 585.1 | 584.7 |
| 127.5° | 630.5 | 630.4 | 630.3 | 630.1 | 630.3 | 630.4 | 630.5 | 630.7 | 630.7 | 630.8 | 630.9 |
| 130° | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 | 659.5 | 659.3 | 659.2 |
| 132.5° | 687.1 | 686.9 | 686.8 | 686.7 | 686.8 | 686.9 | 687.1 | 687.2 | 687.2 | 687.0 | 686.9 |
| 135° | 726.4 | 726.7 | 727.1 | 727.4 | 727.1 | 726.7 | 726.4 | 726.0 | 725.8 | 725.4 | 725.1 |
| 137.5° | 762.4 | 762.3 | 762.2 | 762.1 | 762.2 | 762.3 | 762.4 | 762.5 | 762.4 | 762.0 | 761.7 |
| 140° | 785.9 | 786.0 | 786.2 | 786.4 | 786.2 | 786.0 | 785.9 | 785.7 | 785.3 | 784.9 | 784.4 |
| 142.5° | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 | 806.1 | 805.7 | 805.3 |
| 145° | 836.2 | 836.5 | 836.9 | 837.2 | 836.9 | 836.5 | 836.2 | 835.8 | 835.7 | 835.5 | 835.3 |
| 147.5° | 862.2 | 862.3 | 862.5 | 862.7 | 862.5 | 862.3 | 862.2 | 862.0 | 861.9 | 861.8 | 861.7 |
| 150° | 878.7 | 878.8 | 879.0 | 879.2 | 879.0 | 878.8 | 878.7 | 878.5 | 878.4 | 878.4 | 878.4 |
| 152.5° | 893.6 | 893.5 | 893.4 | 893.3 | 893.4 | 893.5 | 893.6 | 893.7 | 893.6 | 893.4 | 893.2 |
| 155° | 913.8 | 913.3 | 912.9 | 912.4 | 912.9 | 913.3 | 913.8 | 914.4 | 914.3 | 913.6 | 912.9 |
| 157.5° | 930.9 | 930.0 | 929.2 | 928.3 | 929.2 | 930.0 | 930.9 | 931.7 | 931.7 | 930.9 | 930.0 |
| 160° | 941.9 | 940.8 | 939.9 | 938.9 | 939.9 | 940.8 | 941.9 | 942.8 | 942.8 | 941.9 | 940.8 |
| 162.5° | 950.5 | 949.3 | 948.3 | 947.2 | 948.3 | 949.3 | 950.5 | 951.6 | 951.7 | 950.6 | 949.7 |
| 165° | 963.2 | 961.8 | 960.3 | 958.8 | 960.3 | 961.8 | 963.2 | 964.7 | 964.8 | 963.5 | 962.1 |
| 167.5° | 972.4 | 970.7 | 969.1 | 967.5 | 969.1 | 970.7 | 972.4 | 974.0 | 974.1 | 972.7 | 971.3 |
| 170° | 977.7 | 976.1 | 974.4 | 972.8 | 974.4 | 976.1 | 977.7 | 979.3 | 979.5 | 978.2 | 976.9 |
| 172.5° | 981.1 | 979.3 | 977.5 | 975.7 | 977.5 | 979.3 | 981.1 | 982.8 | 983.1 | 981.8 | 980.4 |
| 175° | 985.3 | 983.4 | 981.4 | 979.4 | 981.4 | 983.4 | 985.3 | 987.3 | 987.5 | 986.1 | 984.6 |
| 177.5° | 986.5 | 985.0 | 983.4 | 981.8 | 983.4 | 985.0 | 986.5 | 988.1 | 988.4 | 987.3 | 986.3 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 846.2 | 847.4 | 852.2 | 856.5 | 861.8 | 865.6 | 868.3 | 871.2 | 877.3 | 882.3 | 887.0 |
| 5° | 792.9 | 794.7 | 804.3 | 810.9 | 822.2 | 832.1 | 839.8 | 848.2 | 858.2 | 871.7 | 884.2 |
| 7.5° | 745.8 | 752.7 | 763.1 | 773.8 | 785.4 | 798.3 | 809.6 | 822.4 | 839.4 | 858.1 | 877.3 |
| 10° | 719.2 | 726.9 | 737.8 | 750.4 | 761.3 | 776.4 | 790.3 | 805.3 | 824.7 | 847.5 | 870.2 |
| 12.5° | 692.5 | 705.1 | 713.5 | 728.3 | 740.2 | 752.6 | 767.4 | 787.1 | 809.8 | 833.7 | 861.1 |
| 15° | 659.0 | 666.0 | 682.1 | 690.2 | 707.0 | 726.1 | 740.7 | 760.6 | 782.6 | 814.2 | 844.9 |
| 17.5° | 620.4 | 629.6 | 642.4 | 657.8 | 677.2 | 692.1 | 710.4 | 730.8 | 758.5 | 789.8 | 828.4 |
| 20° | 595.2 | 602.9 | 618.7 | 635.6 | 656.1 | 671.8 | 691.3 | 711.1 | 739.7 | 773.1 | 813.4 |
| 22.5° | 572.6 | 580.0 | 596.6 | 612.4 | 632.4 | 651.6 | 671.9 | 694.9 | 722.4 | 757.5 | 798.7 |
| 25° | 537.6 | 547.5 | 562.2 | 578.3 | 597.4 | 619.4 | 641.4 | 661.9 | 691.3 | 728.3 | 772.3 |
| 27.5° | 506.6 | 514.5 | 525.2 | 543.5 | 565.1 | 586.4 | 608.2 | 634.0 | 662.2 | 701.4 | 747.1 |
| 30° | 486.6 | 494.0 | 504.6 | 521.5 | 541.7 | 564.4 | 587.1 | 612.1 | 641.4 | 680.2 | 726.9 |
| 32.5° | 470.8 | 476.4 | 485.9 | 501.0 | 519.3 | 543.3 | 565.7 | 591.5 | 622.4 | 660.6 | 706.1 |
| 35° | 447.4 | 452.1 | 455.8 | 470.1 | 486.6 | 508.7 | 531.4 | 558.9 | 588.6 | 624.9 | 670.3 |
| 37.5° | 424.4 | 426.0 | 431.4 | 440.8 | 456.8 | 477.0 | 498.1 | 525.2 | 555.6 | 592.6 | 633.6 |
| 40° | 410.4 | 411.1 | 414.4 | 423.2 | 437.2 | 456.2 | 476.7 | 503.5 | 532.4 | 567.3 | 608.0 |
| 42.5° | 396.6 | 396.2 | 399.2 | 405.3 | 418.4 | 435.6 | 455.9 | 480.3 | 509.3 | 541.5 | 579.9 |
| 45° | 374.8 | 374.8 | 374.1 | 379.2 | 389.8 | 406.7 | 423.6 | 447.0 | 471.3 | 502.8 | 535.1 |
| 47.5° | 352.0 | 350.0 | 350.6 | 353.3 | 362.2 | 376.1 | 393.1 | 412.4 | 433.7 | 460.4 | 488.7 |
| 50° | 337.4 | 334.4 | 333.4 | 336.3 | 344.3 | 356.5 | 372.6 | 389.5 | 409.6 | 433.1 | 457.3 |
| 52.5° | 321.2 | 318.3 | 316.3 | 318.4 | 325.8 | 337.1 | 351.8 | 366.6 | 384.7 | 403.8 | 424.7 |
| 55° | 296.3 | 293.0 | 291.9 | 292.7 | 298.1 | 307.0 | 319.4 | 333.0 | 346.6 | 362.3 | 377.0 |
| 57.5° | 271.7 | 266.4 | 265.3 | 264.9 | 268.7 | 276.8 | 287.2 | 299.0 | 308.9 | 318.4 | 334.0 |
| 60° | 255.6 | 249.0 | 246.9 | 246.5 | 249.4 | 256.0 | 265.5 | 277.2 | 284.2 | 290.8 | 304.3 |
| 62.5° | 238.3 | 232.0 | 227.2 | 227.6 | 230.3 | 236.6 | 245.0 | 253.4 | 258.1 | 265.3 | 274.5 |
| 65° | 211.6 | 203.5 | 199.8 | 198.8 | 200.2 | 205.4 | 212.0 | 217.4 | 222.6 | 225.6 | 234.3 |
| 67.5° | 184.9 | 178.1 | 172.8 | 171.4 | 170.8 | 174.3 | 179.6 | 183.0 | 186.6 | 189.3 | 194.4 |
| 70° | 166.2 | 160.2 | 153.6 | 151.5 | 151.1 | 154.0 | 159.2 | 159.6 | 164.7 | 165.8 | 171.3 |
| 72.5° | 147.6 | 140.3 | 135.7 | 133.6 | 132.1 | 134.7 | 138.1 | 139.0 | 141.8 | 143.7 | 146.7 |
| 75° | 118.9 | 113.3 | 109.0 | 105.7 | 104.5 | 105.9 | 105.9 | 107.8 | 109.6 | 110.7 | 114.0 |
| 77.5° | 93.5 | 87.2 | 82.0 | 80.1 | 78.8 | 77.9 | 78.6 | 79.7 | 78.9 | 80.8 | 81.5 |
| 80° | 75.9 | 69.3 | 65.3 | 64.6 | 62.3 | 60.5 | 60.1 | 61.3 | 59.8 | 60.5 | 62.7 |
| 82.5° | 58.6 | 54.4 | 50.0 | 49.3 | 46.5 | 45.5 | 45.1 | 44.5 | 44.5 | 44.4 | 44.8 |
| 85° | 34.9 | 32.2 | 29.3 | 27.5 | 26.4 | 24.6 | 24.6 | 23.8 | 23.1 | 22.3 | 22.7 |
| 87.5° | 17.5 | 16.8 | 15.0 | 13.9 | 13.0 | 11.6 | 11.3 | 10.0 | 9.3 | 8.8 | 8.1 |
| 90° | 17.2 | 16.2 | 14.9 | 13.6 | 12.3 | 10.9 | 9.4 | 7.6 | 5.8 | 4.1 | 2.2 |
| 92.5° | 16.6 | 15.6 | 14.3 | 13.0 | 11.7 | 10.4 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 |
| 95° | 17.2 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 18.3 | 23.8 | 29.4 | 35.0 | 40.5 |
| 97.5° | 19.5 | 19.4 | 37.7 | 56.0 | 74.3 | 92.6 | 100.0 | 96.5 | 93.0 | 89.5 | 86.1 |
| 100° | 29.6 | 32.4 | 55.0 | 77.7 | 100.2 | 122.8 | 132.6 | 129.7 | 126.8 | 123.9 | 120.8 |
| 102.5° | 126.2 | 156.3 | 159.2 | 162.1 | 165.0 | 168.1 | 168.4 | 166.3 | 164.1 | 161.9 | 159.8 |
| 105° | 231.4 | 229.9 | 229.1 | 228.3 | 227.4 | 226.7 | 225.7 | 224.8 | 223.8 | 222.8 | 221.8 |
| 107.5° | 287.4 | 286.7 | 285.6 | 284.5 | 283.3 | 282.2 | 281.4 | 281.0 | 280.4 | 279.9 | 279.5 |
| 110° | 325.4 | 325.0 | 324.0 | 323.0 | 322.1 | 321.0 | 320.4 | 319.8 | 319.3 | 318.9 | 318.4 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.1 | 362.1 | 361.7 | 361.2 | 360.8 | 360.3 | 359.7 | 358.7 | 357.9 | 356.9 | 356.1 |
| 115° | 415.9 | 415.7 | 415.8 | 415.9 | 416.1 | 416.3 | 416.1 | 415.7 | 415.2 | 414.6 | 414.2 |
| 117.5° | 471.0 | 471.1 | 470.7 | 470.3 | 470.0 | 469.7 | 469.1 | 468.4 | 467.8 | 467.1 | 466.5 |
| 120° | 504.4 | 504.1 | 504.3 | 504.4 | 504.5 | 504.7 | 504.4 | 503.9 | 503.2 | 502.6 | 501.9 |
| 122.5° | 537.9 | 537.7 | 537.4 | 537.2 | 537.0 | 536.8 | 536.5 | 536.0 | 535.6 | 535.3 | 534.9 |
| 125° | 584.2 | 583.7 | 584.0 | 584.4 | 584.7 | 584.9 | 584.8 | 584.2 | 583.5 | 582.9 | 582.2 |
| 127.5° | 631.0 | 631.1 | 630.4 | 629.6 | 628.9 | 628.1 | 627.6 | 627.5 | 627.4 | 627.2 | 627.0 |
| 130° | 659.0 | 658.8 | 658.4 | 657.9 | 657.3 | 656.9 | 656.6 | 656.4 | 656.2 | 656.1 | 655.9 |
| 132.5° | 686.7 | 686.5 | 685.9 | 685.3 | 684.7 | 684.1 | 683.6 | 683.3 | 683.1 | 682.7 | 682.4 |
| 135° | 724.7 | 724.4 | 723.8 | 723.1 | 722.5 | 721.8 | 721.6 | 721.7 | 721.9 | 722.1 | 722.3 |
| 137.5° | 761.4 | 761.0 | 760.3 | 759.6 | 758.8 | 758.1 | 757.7 | 757.6 | 757.6 | 757.5 | 757.4 |
| 140° | 783.9 | 783.3 | 783.1 | 782.8 | 782.4 | 782.1 | 781.7 | 781.5 | 781.1 | 780.8 | 780.4 |
| 142.5° | 805.0 | 804.6 | 804.5 | 804.3 | 804.0 | 803.8 | 803.4 | 802.9 | 802.3 | 801.6 | 801.1 |
| 145° | 835.2 | 835.0 | 835.0 | 835.0 | 835.0 | 835.0 | 834.7 | 834.2 | 833.8 | 833.3 | 832.7 |
| 147.5° | 861.5 | 861.4 | 861.5 | 861.7 | 861.9 | 862.0 | 861.7 | 860.7 | 859.8 | 858.9 | 858.0 |
| 150° | 878.4 | 878.4 | 878.6 | 878.8 | 878.9 | 879.1 | 878.8 | 878.3 | 877.6 | 876.9 | 876.3 |
| 152.5° | 892.9 | 892.6 | 892.9 | 893.2 | 893.5 | 893.8 | 893.7 | 893.2 | 892.6 | 892.1 | 891.6 |
| 155° | 912.3 | 911.6 | 912.1 | 912.6 | 913.1 | 913.6 | 913.8 | 913.6 | 913.4 | 913.2 | 913.1 |
| 157.5° | 929.2 | 928.3 | 928.9 | 929.4 | 929.9 | 930.5 | 930.9 | 930.9 | 931.0 | 931.1 | 931.2 |
| 160° | 939.9 | 938.9 | 939.1 | 939.2 | 939.4 | 939.5 | 939.9 | 940.4 | 940.8 | 941.3 | 941.9 |
| 162.5° | 948.8 | 947.7 | 947.9 | 948.1 | 948.2 | 948.4 | 948.8 | 949.4 | 950.0 | 950.6 | 951.3 |
| 165° | 960.8 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 960.0 | 960.7 | 961.6 | 962.4 | 963.2 |
| 167.5° | 969.8 | 968.4 | 968.5 | 968.6 | 968.7 | 968.7 | 969.2 | 970.1 | 970.9 | 971.8 | 972.6 |
| 170° | 975.5 | 974.3 | 974.1 | 973.9 | 973.7 | 973.6 | 974.0 | 975.0 | 976.0 | 976.9 | 978.0 |
| 172.5° | 979.1 | 977.8 | 977.6 | 977.5 | 977.3 | 977.1 | 977.6 | 978.5 | 979.5 | 980.5 | 981.5 |
| 175° | 983.1 | 981.7 | 981.5 | 981.3 | 981.2 | 981.0 | 981.4 | 982.4 | 983.4 | 984.3 | 985.3 |
| 177.5° | 985.1 | 984.1 | 983.9 | 983.6 | 983.4 | 983.1 | 983.4 | 984.3 | 985.2 | 986.2 | 987.1 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 891.2 | 894.1 | 897.9 | 904.4 | 906.7 | 909.6 | 913.7 | 913.4 | 914.6 | 919.0 | 928.4 |
| 5° | 894.5 | 905.8 | 916.8 | 930.0 | 944.0 | 953.1 | 965.6 | 973.3 | 981.0 | 990.9 | 1007.8 |
| 7.5° | 895.8 | 913.8 | 934.0 | 957.2 | 977.8 | 1001.5 | 1020.1 | 1037.6 | 1053.3 | 1074.2 | 1094.3 |
| 10° | 893.7 | 917.9 | 944.0 | 973.3 | 1004.5 | 1030.9 | 1054.7 | 1081.9 | 1104.9 | 1130.2 | 1153.0 |
| 12.5° | 889.9 | 919.1 | 953.9 | 986.7 | 1023.2 | 1062.2 | 1091.9 | 1119.4 | 1150.1 | 1179.2 | 1214.3 |
| 15° | 881.3 | 921.2 | 962.0 | 1005.2 | 1054.0 | 1099.1 | 1142.0 | 1177.5 | 1210.6 | 1254.2 | 1300.0 |
| 17.5° | 870.2 | 913.3 | 964.7 | 1017.1 | 1068.1 | 1119.6 | 1172.7 | 1226.2 | 1267.8 | 1322.0 | 1357.9 |
| 20° | 860.0 | 909.8 | 962.6 | 1025.0 | 1076.0 | 1140.2 | 1193.0 | 1244.6 | 1301.8 | 1355.8 | 1398.7 |
| 22.5° | 845.6 | 900.1 | 956.2 | 1018.2 | 1085.3 | 1149.5 | 1210.6 | 1266.7 | 1323.9 | 1382.5 | 1434.5 |
| 25° | 827.4 | 876.8 | 943.2 | 1013.6 | 1080.3 | 1150.1 | 1220.1 | 1290.5 | 1352.1 | 1414.1 | 1462.5 |
| 27.5° | 796.3 | 858.8 | 920.6 | 993.3 | 1067.4 | 1146.2 | 1221.2 | 1294.9 | 1359.3 | 1410.3 | 1440.4 |
| 30° | 780.4 | 834.6 | 901.8 | 974.8 | 1055.1 | 1139.8 | 1217.9 | 1290.2 | 1350.3 | 1391.0 | 1403.1 |
| 32.5° | 757.0 | 812.9 | 878.6 | 954.2 | 1039.2 | 1126.2 | 1207.6 | 1275.7 | 1326.0 | 1347.3 | 1332.7 |
| 35° | 722.1 | 772.7 | 839.1 | 916.4 | 1004.8 | 1097.6 | 1177.9 | 1235.5 | 1261.2 | 1241.0 | 1190.7 |
| 37.5° | 680.2 | 730.5 | 797.1 | 873.1 | 964.6 | 1058.9 | 1131.5 | 1172.9 | 1164.4 | 1114.3 | 1039.3 |
| 40° | 650.9 | 697.9 | 761.3 | 843.5 | 932.6 | 1027.2 | 1091.0 | 1113.4 | 1090.0 | 1018.0 | 938.5 |
| 42.5° | 618.4 | 664.1 | 727.8 | 807.1 | 901.4 | 988.7 | 1044.3 | 1046.2 | 1006.9 | 921.0 | 841.0 |
| 45° | 568.8 | 612.5 | 672.6 | 755.1 | 842.4 | 924.5 | 961.2 | 943.2 | 870.6 | 787.7 | 707.4 |
| 47.5° | 519.9 | 557.7 | 617.0 | 695.3 | 778.2 | 847.3 | 865.5 | 833.2 | 755.8 | 675.3 | 600.9 |
| 50° | 484.1 | 522.3 | 578.0 | 652.8 | 732.7 | 792.5 | 801.3 | 758.4 | 682.5 | 601.4 | 543.1 |
| 52.5° | 449.8 | 487.6 | 541.3 | 610.5 | 683.7 | 737.6 | 737.9 | 688.2 | 612.7 | 540.5 | 486.2 |
| 55° | 399.4 | 433.5 | 481.9 | 543.8 | 609.2 | 651.3 | 641.0 | 589.7 | 524.1 | 461.4 | 414.1 |
| 57.5° | 350.8 | 380.5 | 425.1 | 476.8 | 534.3 | 569.1 | 552.0 | 502.7 | 444.0 | 390.9 | 355.0 |
| 60° | 319.4 | 347.6 | 385.8 | 434.6 | 483.0 | 510.1 | 494.0 | 449.2 | 395.3 | 352.4 | 321.2 |
| 62.5° | 288.9 | 312.7 | 349.4 | 391.7 | 436.6 | 456.8 | 442.3 | 398.2 | 351.7 | 312.8 | 287.5 |
| 65° | 245.7 | 265.1 | 294.5 | 330.8 | 363.4 | 380.7 | 368.5 | 327.4 | 291.9 | 264.0 | 243.8 |
| 67.5° | 205.4 | 220.6 | 242.8 | 271.9 | 299.6 | 309.0 | 297.9 | 269.3 | 239.2 | 216.9 | 202.6 |
| 70° | 177.5 | 191.8 | 210.5 | 232.9 | 257.0 | 267.0 | 256.0 | 233.3 | 208.7 | 188.1 | 174.2 |
| 72.5° | 153.2 | 164.2 | 180.0 | 199.2 | 218.0 | 228.0 | 220.5 | 198.6 | 177.9 | 162.6 | 150.7 |
| 75° | 116.6 | 126.1 | 137.1 | 150.7 | 165.4 | 172.0 | 165.4 | 150.3 | 136.0 | 124.7 | 116.2 |
| 77.5° | 84.8 | 89.9 | 98.4 | 108.6 | 117.7 | 122.8 | 117.1 | 106.9 | 98.1 | 90.4 | 86.1 |
| 80° | 64.6 | 68.2 | 74.1 | 82.2 | 88.4 | 93.1 | 89.4 | 81.1 | 74.1 | 68.9 | 67.1 |
| 82.5° | 46.9 | 49.4 | 53.3 | 59.3 | 63.4 | 65.9 | 64.3 | 58.2 | 55.3 | 50.7 | 48.9 |
| 85° | 23.1 | 24.6 | 27.1 | 28.9 | 32.6 | 33.0 | 33.4 | 30.8 | 28.3 | 27.1 | 25.6 |
| 87.5° | 8.8 | 9.3 | 10.7 | 11.9 | 13.4 | 13.9 | 13.9 | 14.1 | 13.2 | 13.1 | 12.2 |
| 90° | 4.1 | 5.8 | 7.6 | 9.4 | 10.9 | 12.3 | 13.6 | 14.9 | 16.2 | 17.2 | 18.2 |
| 92.5° | 9.4 | 9.5 | 9.6 | 9.7 | 10.4 | 11.7 | 13.0 | 14.3 | 15.6 | 16.6 | 17.6 |
| 95° | 35.0 | 29.4 | 23.8 | 18.3 | 15.6 | 15.7 | 15.9 | 16.0 | 16.2 | 17.2 | 18.2 |
| 97.5° | 89.5 | 93.0 | 96.5 | 100.0 | 92.6 | 74.3 | 56.0 | 37.7 | 19.4 | 19.5 | 19.7 |
| 100° | 123.9 | 126.8 | 129.7 | 132.6 | 122.8 | 100.2 | 77.7 | 55.0 | 32.4 | 29.6 | 26.9 |
| 102.5° | 161.9 | 164.1 | 166.3 | 168.4 | 168.1 | 165.0 | 162.1 | 159.2 | 156.3 | 126.2 | 96.1 |
| 105° | 222.8 | 223.8 | 224.8 | 225.7 | 226.7 | 227.4 | 228.3 | 229.1 | 229.9 | 231.4 | 232.9 |
| 107.5° | 279.9 | 280.4 | 281.0 | 281.4 | 282.2 | 283.3 | 284.5 | 285.6 | 286.7 | 287.4 | 288.1 |
| 110° | 318.9 | 319.3 | 319.8 | 320.4 | 321.0 | 322.1 | 323.0 | 324.0 | 325.0 | 325.4 | 325.6 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 356.9 | 357.9 | 358.7 | 359.7 | 360.3 | 360.8 | 361.2 | 361.7 | 362.1 | 362.1 | 362.0 |
| 115° | 414.6 | 415.2 | 415.7 | 416.1 | 416.3 | 416.1 | 415.9 | 415.8 | 415.7 | 415.9 | 416.3 |
| 117.5° | 467.1 | 467.8 | 468.4 | 469.1 | 469.7 | 470.0 | 470.3 | 470.7 | 471.1 | 471.0 | 470.9 |
| 120° | 502.6 | 503.2 | 503.9 | 504.4 | 504.7 | 504.5 | 504.4 | 504.3 | 504.1 | 504.4 | 504.7 |
| 122.5° | 535.3 | 535.6 | 536.0 | 536.5 | 536.8 | 537.0 | 537.2 | 537.4 | 537.7 | 537.9 | 538.1 |
| 125° | 582.9 | 583.5 | 584.2 | 584.8 | 584.9 | 584.7 | 584.4 | 584.0 | 583.7 | 584.2 | 584.7 |
| 127.5° | 627.2 | 627.4 | 627.5 | 627.6 | 628.1 | 628.9 | 629.6 | 630.4 | 631.1 | 631.0 | 630.9 |
| 130° | 656.1 | 656.2 | 656.4 | 656.6 | 656.9 | 657.3 | 657.9 | 658.4 | 658.8 | 659.0 | 659.2 |
| 132.5° | 682.7 | 683.1 | 683.3 | 683.6 | 684.1 | 684.7 | 685.3 | 685.9 | 686.5 | 686.7 | 686.9 |
| 135° | 722.1 | 721.9 | 721.7 | 721.6 | 721.8 | 722.5 | 723.1 | 723.8 | 724.4 | 724.7 | 725.1 |
| 137.5° | 757.5 | 757.6 | 757.6 | 757.7 | 758.1 | 758.8 | 759.6 | 760.3 | 761.0 | 761.4 | 761.7 |
| 140° | 780.8 | 781.1 | 781.5 | 781.7 | 782.1 | 782.4 | 782.8 | 783.1 | 783.3 | 783.9 | 784.4 |
| 142.5° | 801.6 | 802.3 | 802.9 | 803.4 | 803.8 | 804.0 | 804.3 | 804.5 | 804.6 | 805.0 | 805.3 |
| 145° | 833.3 | 833.8 | 834.2 | 834.7 | 835.0 | 835.0 | 835.0 | 835.0 | 835.0 | 835.2 | 835.3 |
| 147.5° | 858.9 | 859.8 | 860.7 | 861.7 | 862.0 | 861.9 | 861.7 | 861.5 | 861.4 | 861.5 | 861.7 |
| 150° | 876.9 | 877.6 | 878.3 | 878.8 | 879.1 | 878.9 | 878.8 | 878.6 | 878.4 | 878.4 | 878.4 |
| 152.5° | 892.1 | 892.6 | 893.2 | 893.7 | 893.8 | 893.5 | 893.2 | 892.9 | 892.6 | 892.9 | 893.2 |
| 155° | 913.2 | 913.4 | 913.6 | 913.8 | 913.6 | 913.1 | 912.6 | 912.1 | 911.6 | 912.3 | 912.9 |
| 157.5° | 931.1 | 931.0 | 930.9 | 930.9 | 930.5 | 929.9 | 929.4 | 928.9 | 928.3 | 929.2 | 930.0 |
| 160° | 941.3 | 940.8 | 940.4 | 939.9 | 939.5 | 939.4 | 939.2 | 939.1 | 938.9 | 939.9 | 940.8 |
| 162.5° | 950.6 | 950.0 | 949.4 | 948.8 | 948.4 | 948.2 | 948.1 | 947.9 | 947.7 | 948.8 | 949.7 |
| 165° | 962.4 | 961.6 | 960.7 | 960.0 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 960.8 | 962.1 |
| 167.5° | 971.8 | 970.9 | 970.1 | 969.2 | 968.7 | 968.7 | 968.6 | 968.5 | 968.4 | 969.8 | 971.3 |
| 170° | 976.9 | 976.0 | 975.0 | 974.0 | 973.6 | 973.7 | 973.9 | 974.1 | 974.3 | 975.5 | 976.9 |
| 172.5° | 980.5 | 979.5 | 978.5 | 977.6 | 977.1 | 977.3 | 977.5 | 977.6 | 977.8 | 979.1 | 980.4 |
| 175° | 984.3 | 983.4 | 982.4 | 981.4 | 981.0 | 981.2 | 981.3 | 981.5 | 981.7 | 983.1 | 984.6 |
| 177.5° | 986.2 | 985.2 | 984.3 | 983.4 | 983.1 | 983.4 | 983.6 | 983.9 | 984.1 | 985.1 | 986.3 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 933.1 | 933.7 | 936.3 | 938.4 | 939.0 | 941.9 | 942.2 |
| 5° | 1015.1 | 1021.3 | 1033.4 | 1034.5 | 1036.3 | 1045.9 | 1038.6 |
| 7.5° | 1111.2 | 1127.0 | 1137.6 | 1146.9 | 1150.3 | 1154.4 | 1153.6 |
| 10° | 1172.8 | 1196.3 | 1208.0 | 1226.7 | 1227.5 | 1232.2 | 1229.3 |
| 12.5° | 1234.7 | 1262.0 | 1283.4 | 1286.9 | 1302.5 | 1305.0 | 1309.1 |
| 15° | 1322.4 | 1351.4 | 1381.1 | 1391.8 | 1413.3 | 1418.5 | 1426.5 |
| 17.5° | 1404.9 | 1434.5 | 1455.3 | 1482.8 | 1491.7 | 1503.5 | 1495.5 |
| 20° | 1450.0 | 1482.3 | 1508.7 | 1530.3 | 1539.5 | 1546.1 | 1545.4 |
| 22.5° | 1477.3 | 1509.9 | 1531.3 | 1547.7 | 1556.2 | 1559.1 | 1558.9 |
| 25° | 1494.4 | 1513.2 | 1519.8 | 1526.0 | 1516.5 | 1513.2 | 1514.6 |
| 27.5° | 1446.9 | 1442.0 | 1424.8 | 1402.2 | 1378.8 | 1360.1 | 1350.0 |
| 30° | 1381.5 | 1352.8 | 1326.8 | 1281.4 | 1257.8 | 1244.0 | 1231.4 |
| 32.5° | 1288.7 | 1243.4 | 1193.4 | 1151.7 | 1124.9 | 1104.3 | 1101.2 |
| 35° | 1129.9 | 1061.7 | 1000.4 | 949.4 | 923.0 | 900.7 | 895.5 |
| 37.5° | 960.6 | 889.8 | 834.6 | 789.7 | 761.3 | 745.6 | 730.8 |
| 40° | 848.2 | 787.4 | 733.1 | 694.9 | 673.4 | 661.9 | 652.8 |
| 42.5° | 761.7 | 706.1 | 652.1 | 623.0 | 603.5 | 596.5 | 591.2 |
| 45° | 642.2 | 590.4 | 553.0 | 531.0 | 519.6 | 507.9 | 502.4 |
| 47.5° | 546.4 | 504.4 | 479.7 | 461.0 | 448.8 | 441.9 | 438.3 |
| 50° | 492.1 | 457.7 | 435.6 | 421.4 | 410.4 | 404.8 | 401.9 |
| 52.5° | 444.0 | 415.8 | 397.3 | 385.9 | 378.4 | 374.4 | 373.2 |
| 55° | 382.5 | 360.9 | 349.1 | 339.2 | 333.8 | 330.1 | 328.6 |
| 57.5° | 332.4 | 315.8 | 306.3 | 298.1 | 296.1 | 292.9 | 291.9 |
| 60° | 299.6 | 286.8 | 278.7 | 273.2 | 271.4 | 267.7 | 268.4 |
| 62.5° | 270.6 | 260.0 | 253.2 | 250.1 | 247.6 | 244.5 | 245.5 |
| 65° | 228.8 | 221.1 | 217.4 | 214.5 | 211.6 | 209.8 | 211.2 |
| 67.5° | 192.0 | 186.7 | 181.7 | 180.0 | 178.6 | 178.3 | 176.7 |
| 70° | 168.0 | 163.5 | 159.2 | 158.1 | 158.1 | 156.6 | 156.2 |
| 72.5° | 144.8 | 141.6 | 138.6 | 137.8 | 136.7 | 137.2 | 135.7 |
| 75° | 111.9 | 109.2 | 108.2 | 107.1 | 106.7 | 106.7 | 105.7 |
| 77.5° | 82.7 | 80.8 | 79.0 | 79.0 | 77.7 | 77.2 | 77.0 |
| 80° | 62.7 | 62.0 | 60.5 | 60.5 | 59.8 | 60.1 | 59.4 |
| 82.5° | 47.1 | 46.1 | 45.8 | 45.2 | 44.2 | 44.3 | 43.5 |
| 85° | 25.3 | 24.2 | 23.8 | 22.7 | 22.0 | 22.7 | 22.0 |
| 87.5° | 12.6 | 12.5 | 12.3 | 11.9 | 11.6 | 11.7 | 10.8 |
| 90° | 19.1 | 20.2 | 20.8 | 21.1 | 21.5 | 21.8 | 22.1 |
| 92.5° | 18.6 | 19.5 | 20.1 | 20.2 | 20.2 | 20.3 | 20.4 |
| 95° | 19.1 | 20.2 | 20.7 | 20.9 | 21.0 | 21.2 | 21.4 |
| 97.5° | 19.8 | 19.9 | 20.0 | 20.2 | 20.3 | 20.5 | 20.6 |
| 100° | 24.0 | 21.3 | 20.0 | 20.2 | 20.3 | 20.5 | 20.6 |
| 102.5° | 66.2 | 36.1 | 21.1 | 21.1 | 21.1 | 21.2 | 21.2 |
| 105° | 234.3 | 235.8 | 233.7 | 227.7 | 221.8 | 215.9 | 210.0 |
| 107.5° | 288.8 | 289.5 | 290.2 | 290.9 | 291.4 | 292.1 | 292.8 |
| 110° | 326.0 | 326.3 | 326.7 | 327.3 | 327.7 | 328.2 | 328.7 |



TEST NUMBER: P332553-830

CATALOG NUMBER: S124DIP-S575D810U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 361.9 | 361.8 | 362.1 | 362.8 | 363.4 | 364.0 | 364.7 |
| 115° | 416.6 | 417.0 | 417.2 | 417.2 | 417.2 | 417.2 | 417.2 |
| 117.5° | 470.9 | 470.8 | 470.7 | 470.7 | 470.6 | 470.5 | 470.5 |
| 120° | 505.1 | 505.4 | 505.4 | 505.1 | 504.7 | 504.4 | 504.1 |
| 122.5° | 538.3 | 538.5 | 538.4 | 538.1 | 537.7 | 537.4 | 537.1 |
| 125° | 585.1 | 585.6 | 586.0 | 586.2 | 586.3 | 586.4 | 586.6 |
| 127.5° | 630.8 | 630.7 | 630.7 | 630.5 | 630.4 | 630.3 | 630.1 |
| 130° | 659.3 | 659.5 | 659.6 | 659.6 | 659.6 | 659.6 | 659.6 |
| 132.5° | 687.0 | 687.2 | 687.2 | 687.1 | 686.9 | 686.8 | 686.7 |
| 135° | 725.4 | 725.8 | 726.0 | 726.4 | 726.7 | 727.1 | 727.4 |
| 137.5° | 762.0 | 762.4 | 762.5 | 762.4 | 762.3 | 762.2 | 762.1 |
| 140° | 784.9 | 785.3 | 785.7 | 785.9 | 786.0 | 786.2 | 786.4 |
| 142.5° | 805.7 | 806.1 | 806.3 | 806.3 | 806.3 | 806.3 | 806.3 |
| 145° | 835.5 | 835.7 | 835.8 | 836.2 | 836.5 | 836.9 | 837.2 |
| 147.5° | 861.8 | 861.9 | 862.0 | 862.2 | 862.3 | 862.5 | 862.7 |
| 150° | 878.4 | 878.4 | 878.5 | 878.7 | 878.8 | 879.0 | 879.2 |
| 152.5° | 893.4 | 893.6 | 893.7 | 893.6 | 893.5 | 893.4 | 893.3 |
| 155° | 913.6 | 914.3 | 914.4 | 913.8 | 913.3 | 912.9 | 912.4 |
| 157.5° | 930.9 | 931.7 | 931.7 | 930.9 | 930.0 | 929.2 | 928.3 |
| 160° | 941.9 | 942.8 | 942.8 | 941.9 | 940.8 | 939.9 | 938.9 |
| 162.5° | 950.6 | 951.7 | 951.6 | 950.5 | 949.3 | 948.3 | 947.2 |
| 165° | 963.5 | 964.8 | 964.7 | 963.2 | 961.8 | 960.3 | 958.8 |
| 167.5° | 972.7 | 974.1 | 974.0 | 972.4 | 970.7 | 969.1 | 967.5 |
| 170° | 978.2 | 979.5 | 979.3 | 977.7 | 976.1 | 974.4 | 972.8 |
| 172.5° | 981.8 | 983.1 | 982.8 | 981.1 | 979.3 | 977.5 | 975.7 |
| 175° | 986.1 | 987.5 | 987.3 | 985.3 | 983.4 | 981.4 | 979.4 |
| 177.5° | 987.3 | 988.4 | 988.1 | 986.5 | 985.0 | 983.4 | 981.8 |
| 180° | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 | 985.3 |

(END OF REPORT)