

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: P332902-830

Luminaire Tested: **S124RDIP-S575D590U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332902-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIP-S575D590U830-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4231.4 lumens
Efficiency: N/A
Efficacy: 129.0 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

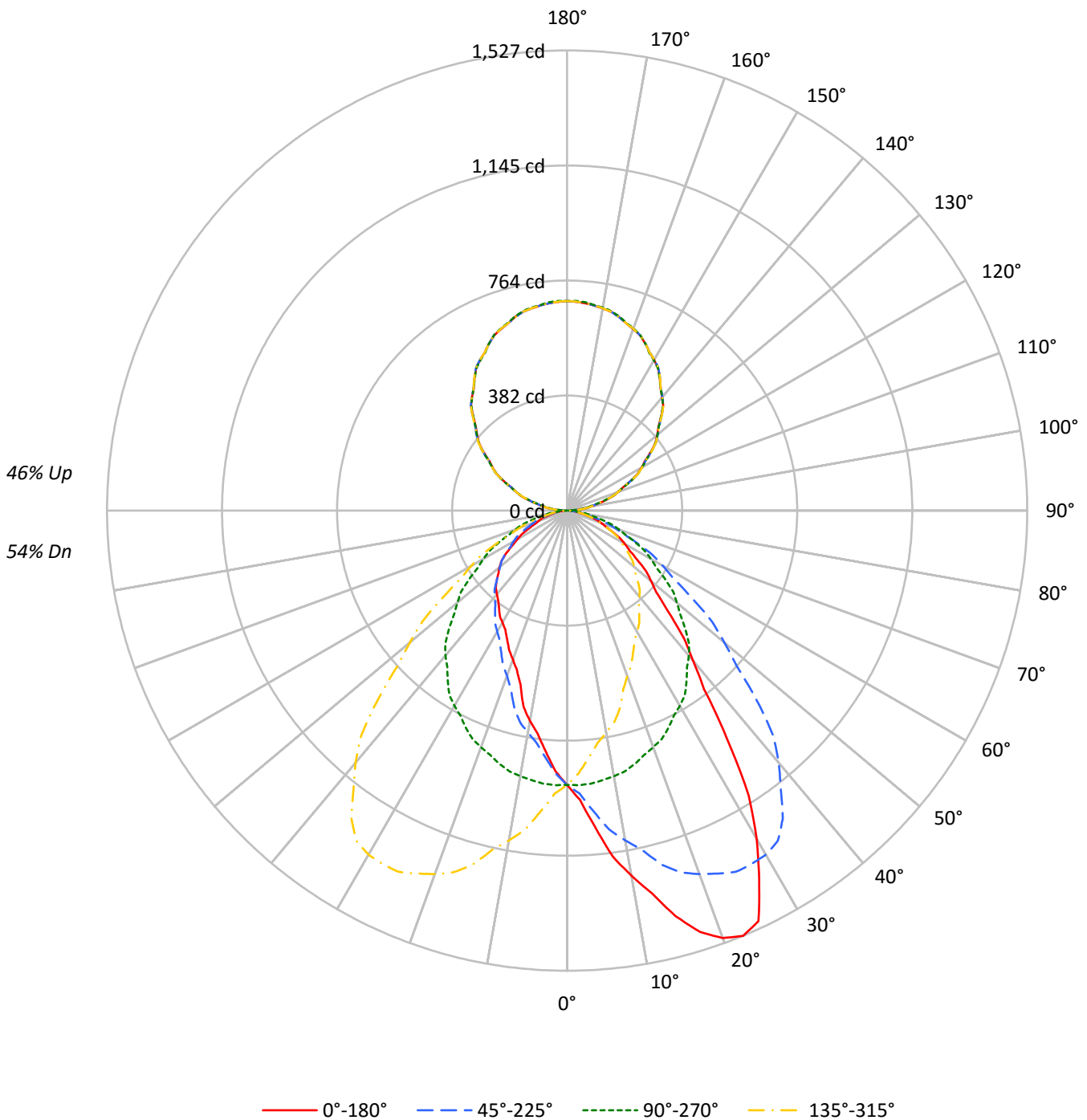
Input Watts (W): 32.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 76 | 74 | 72 | 65 | 63 | 61 | 54 | 53 | 52 | 47 |
| 2 | 91 | 84 | 78 | 73 | 84 | 78 | 73 | 68 | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 58 | 60 | 55 | 51 | 51 | 48 | 45 | 43 | 40 | 38 | 34 |
| 4 | 76 | 66 | 58 | 52 | 71 | 61 | 55 | 49 | 53 | 48 | 44 | 46 | 42 | 39 | 39 | 36 | 33 | 30 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 43 | 48 | 42 | 38 | 41 | 37 | 34 | 35 | 32 | 29 | 26 |
| 6 | 65 | 53 | 45 | 39 | 60 | 50 | 42 | 37 | 43 | 38 | 33 | 37 | 33 | 30 | 32 | 29 | 26 | 23 |
| 7 | 60 | 48 | 40 | 35 | 56 | 45 | 38 | 33 | 39 | 34 | 30 | 34 | 30 | 26 | 29 | 26 | 23 | 21 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 31 | 27 | 24 | 27 | 24 | 21 | 19 |
| 9 | 52 | 40 | 32 | 27 | 48 | 38 | 31 | 26 | 33 | 28 | 24 | 29 | 25 | 21 | 25 | 22 | 19 | 17 |
| 10 | 49 | 37 | 29 | 25 | 45 | 35 | 28 | 24 | 31 | 25 | 22 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7348 | 7348 | 7348 | 7348 |
| 5° | 8524 | 7370 | 6515 | 7370 |
| 10° | 10083 | 7338 | 5814 | 7338 |
| 15° | 11646 | 7270 | 4996 | 7270 |
| 20° | 12968 | 7177 | 4517 | 7177 |
| 25° | 13387 | 7085 | 4195 | 7085 |
| 30° | 11719 | 6974 | 3999 | 6974 |
| 35° | 9122 | 6809 | 3882 | 6809 |
| 40° | 6841 | 6620 | 3818 | 6620 |
| 45° | 5401 | 6318 | 3785 | 6318 |
| 50° | 4560 | 5968 | 3676 | 5968 |
| 55° | 3975 | 5585 | 3478 | 5585 |
| 60° | 3576 | 5186 | 3079 | 5186 |
| 65° | 3152 | 4756 | 2648 | 4756 |
| 70° | 2840 | 4312 | 2389 | 4312 |
| 75° | 2380 | 3821 | 2037 | 3821 |
| 80° | 2013 | 3254 | 1911 | 3254 |
| 85° | 1704 | 2547 | 1704 | 2547 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 88.2 | 2.1 |
| 10°-20° | 266.0 | 6.3 |
| 20°-30° | 416.1 | 9.8 |
| 30°-40° | 462.6 | 10.9 |
| 40°-50° | 410.4 | 9.7 |
| 50°-60° | 319.8 | 7.6 |
| 60°-70° | 209.4 | 4.9 |
| 70°-80° | 103.0 | 2.4 |
| 80°-90° | 27.5 | 0.6 |
| 90°-100° | 45.8 | 1.1 |
| 100°-110° | 135.8 | 3.2 |
| 110°-120° | 230.5 | 5.4 |
| 120°-130° | 304.0 | 7.2 |
| 130°-140° | 341.4 | 8.1 |
| 140°-150° | 335.4 | 7.9 |
| 150°-160° | 282.1 | 6.7 |
| 160°-170° | 187.7 | 4.4 |
| 170°-180° | 65.7 | 1.6 |
| 0°-30° | 770.3 | 18.2 |
| 0°-40° | 1232.9 | 29.1 |
| 0°-60° | 1963.1 | 46.4 |
| 0°-90° | 2302.9 | 54.4 |
| 90°-120° | 412.2 | 9.7 |
| 90°-150° | 1392.9 | 32.9 |
| 90°-180° | 1928.0 | 45.6 |
| 0°-180° | 4231.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 910 | 910 | 910 | 910 | 910 | |
| 5° | 1052 | 910 | 804 | 910 | 1052 | 106 |
| 15° | 1394 | 870 | 598 | 870 | 1394 | 396 |
| 25° | 1503 | 795 | 471 | 795 | 1503 | 667 |
| 35° | 926 | 691 | 394 | 691 | 926 | 580 |
| 45° | 473 | 553 | 332 | 553 | 473 | 375 |
| 55° | 282 | 397 | 247 | 397 | 282 | 257 |
| 65° | 165 | 249 | 139 | 249 | 165 | 166 |
| 75° | 76 | 122 | 65 | 122 | 76 | 84 |
| 85° | 18 | 28 | 18 | 28 | 18 | 21 |
| 90° | 16 | 2 | 16 | 2 | 16 | 9 |
| 95° | 42 | 32 | 42 | 32 | 42 | 44 |
| 105° | 131 | 125 | 131 | 125 | 131 | 138 |
| 115° | 232 | 234 | 232 | 234 | 232 | 230 |
| 125° | 339 | 341 | 339 | 341 | 339 | 302 |
| 135° | 441 | 440 | 441 | 440 | 441 | 340 |
| 145° | 536 | 535 | 536 | 535 | 536 | 335 |
| 155° | 612 | 613 | 612 | 613 | 612 | 282 |
| 165° | 666 | 667 | 666 | 667 | 666 | 187 |
| 175° | 691 | 694 | 691 | 694 | 691 | 66 |
| 180° | 695 | 695 | 695 | 695 | 695 | |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 960.1 | 962.7 | 960.1 | 959.8 | 956.9 | 956.0 | 954.8 | 951.0 | 944.0 | 939.8 | 940.8 |
| 5° | 1051.8 | 1060.9 | 1055.8 | 1055.1 | 1047.0 | 1039.0 | 1033.8 | 1022.1 | 1009.6 | 1001.2 | 994.2 |
| 7.5° | 1157.8 | 1163.1 | 1159.9 | 1154.7 | 1141.7 | 1134.3 | 1122.4 | 1106.9 | 1084.6 | 1067.4 | 1051.9 |
| 10° | 1230.0 | 1234.4 | 1232.9 | 1223.4 | 1213.9 | 1194.4 | 1183.5 | 1161.8 | 1133.5 | 1111.2 | 1090.2 |
| 12.5° | 1301.0 | 1305.7 | 1292.8 | 1293.3 | 1275.2 | 1259.8 | 1242.4 | 1215.2 | 1182.5 | 1153.7 | 1127.6 |
| 15° | 1393.5 | 1387.7 | 1387.7 | 1380.4 | 1360.2 | 1338.9 | 1321.0 | 1292.3 | 1251.2 | 1216.8 | 1180.5 |
| 17.5° | 1466.0 | 1468.1 | 1465.1 | 1447.7 | 1431.9 | 1409.9 | 1377.0 | 1343.6 | 1305.4 | 1259.1 | 1222.1 |
| 20° | 1509.5 | 1509.5 | 1506.2 | 1494.4 | 1473.9 | 1450.4 | 1414.9 | 1378.6 | 1330.1 | 1283.6 | 1241.7 |
| 22.5° | 1527.0 | 1528.2 | 1524.4 | 1514.7 | 1496.2 | 1473.3 | 1443.0 | 1406.1 | 1356.2 | 1303.8 | 1252.0 |
| 25° | 1502.9 | 1509.8 | 1510.5 | 1508.0 | 1502.5 | 1488.6 | 1462.5 | 1424.7 | 1380.0 | 1323.1 | 1267.4 |
| 27.5° | 1379.8 | 1388.6 | 1396.3 | 1408.9 | 1425.8 | 1434.6 | 1435.8 | 1416.5 | 1377.5 | 1322.9 | 1266.8 |
| 30° | 1257.2 | 1264.4 | 1288.3 | 1319.5 | 1343.7 | 1365.6 | 1384.8 | 1389.9 | 1367.9 | 1318.7 | 1259.7 |
| 32.5° | 1121.0 | 1131.0 | 1154.8 | 1188.4 | 1228.7 | 1265.9 | 1308.8 | 1330.6 | 1330.0 | 1300.5 | 1245.9 |
| 35° | 925.6 | 932.9 | 955.0 | 990.1 | 1038.6 | 1093.9 | 1161.8 | 1214.6 | 1250.6 | 1247.9 | 1214.6 |
| 37.5° | 746.5 | 754.8 | 777.0 | 806.3 | 853.2 | 921.7 | 987.4 | 1060.2 | 1126.6 | 1163.9 | 1152.7 |
| 40° | 649.1 | 649.5 | 671.1 | 701.2 | 745.2 | 804.9 | 876.5 | 957.2 | 1031.2 | 1091.7 | 1103.4 |
| 42.5° | 572.2 | 572.3 | 586.6 | 619.1 | 650.7 | 707.0 | 775.2 | 855.4 | 942.1 | 1011.9 | 1043.0 |
| 45° | 473.1 | 476.4 | 488.1 | 507.6 | 532.4 | 580.1 | 634.8 | 709.3 | 806.4 | 889.3 | 941.0 |
| 47.5° | 400.6 | 405.5 | 412.9 | 428.8 | 448.7 | 480.4 | 525.6 | 592.5 | 671.6 | 762.7 | 836.3 |
| 50° | 363.1 | 363.8 | 373.3 | 382.1 | 399.4 | 424.7 | 464.3 | 520.0 | 592.7 | 680.2 | 762.0 |
| 52.5° | 330.8 | 330.6 | 336.4 | 347.5 | 361.6 | 381.3 | 413.2 | 464.0 | 528.4 | 606.9 | 691.4 |
| 55° | 282.4 | 284.2 | 288.6 | 297.4 | 308.0 | 322.0 | 347.3 | 385.4 | 436.0 | 503.1 | 579.8 |
| 57.5° | 245.5 | 246.5 | 250.0 | 253.7 | 263.4 | 273.6 | 292.6 | 319.1 | 361.7 | 416.7 | 488.1 |
| 60° | 221.5 | 221.9 | 223.0 | 228.5 | 236.2 | 245.7 | 258.5 | 280.9 | 316.9 | 367.1 | 423.6 |
| 62.5° | 198.0 | 198.7 | 200.4 | 204.4 | 210.4 | 217.0 | 230.4 | 248.4 | 278.1 | 321.0 | 371.9 |
| 65° | 165.0 | 165.4 | 168.0 | 169.5 | 174.2 | 180.0 | 189.9 | 202.1 | 222.6 | 258.5 | 297.1 |
| 67.5° | 137.9 | 137.9 | 138.0 | 140.1 | 143.4 | 147.2 | 153.2 | 162.9 | 178.3 | 200.4 | 234.3 |
| 70° | 120.3 | 120.3 | 121.0 | 122.2 | 123.9 | 127.2 | 130.5 | 137.9 | 149.3 | 167.2 | 193.2 |
| 72.5° | 103.9 | 104.2 | 104.9 | 105.1 | 106.0 | 108.8 | 111.2 | 115.8 | 124.3 | 137.9 | 158.9 |
| 75° | 76.3 | 77.4 | 79.2 | 80.7 | 82.5 | 82.2 | 84.7 | 87.7 | 90.2 | 98.3 | 110.4 |
| 77.5° | 56.7 | 56.2 | 56.4 | 57.7 | 57.9 | 58.2 | 60.0 | 62.3 | 64.3 | 68.1 | 72.4 |
| 80° | 43.3 | 43.3 | 44.4 | 44.8 | 44.4 | 44.8 | 46.6 | 47.7 | 48.4 | 49.9 | 53.9 |
| 82.5° | 32.7 | 33.3 | 32.9 | 33.3 | 33.6 | 33.9 | 35.4 | 35.6 | 36.4 | 36.9 | 38.6 |
| 85° | 18.4 | 18.7 | 19.0 | 18.4 | 18.4 | 18.4 | 19.0 | 19.4 | 20.2 | 19.8 | 20.5 |
| 87.5° | 9.7 | 9.3 | 9.6 | 9.5 | 9.8 | 9.4 | 9.5 | 10.0 | 9.2 | 9.4 | 9.2 |
| 90° | 16.1 | 15.9 | 15.6 | 15.5 | 15.2 | 14.7 | 13.9 | 13.3 | 12.5 | 11.8 | 10.8 |
| 92.5° | 23.8 | 23.8 | 23.6 | 23.5 | 23.3 | 23.0 | 22.6 | 22.1 | 21.7 | 21.3 | 20.6 |
| 95° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.3 | 41.9 | 41.6 | 41.2 | 40.8 | 40.1 |
| 97.5° | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.4 | 65.9 | 65.5 | 65.0 | 64.7 | 63.6 |
| 100° | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.2 | 82.9 | 82.8 | 82.5 | 82.3 | 81.2 |
| 102.5° | 102.3 | 102.2 | 102.1 | 102.0 | 101.9 | 101.6 | 101.3 | 100.9 | 100.7 | 100.3 | 99.3 |
| 105° | 131.2 | 130.8 | 130.4 | 130.1 | 129.7 | 129.4 | 129.0 | 128.7 | 128.3 | 127.9 | 127.4 |
| 107.5° | 159.4 | 159.4 | 159.4 | 159.4 | 159.5 | 159.3 | 158.9 | 158.6 | 158.3 | 158.0 | 157.9 |
| 110° | 179.6 | 179.2 | 178.8 | 178.5 | 178.1 | 178.0 | 178.3 | 178.5 | 178.8 | 179.0 | 179.2 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.2 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 | 200.0 | 200.0 | 200.1 | 200.3 |
| 115° | 232.2 | 232.3 | 232.4 | 232.6 | 232.7 | 232.8 | 233.0 | 233.1 | 233.2 | 233.3 | 233.6 |
| 117.5° | 262.8 | 263.0 | 263.3 | 263.4 | 263.7 | 264.0 | 264.5 | 264.9 | 265.2 | 265.7 | 265.8 |
| 120° | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 285.2 | 285.8 | 286.4 | 287.0 | 287.6 | 287.9 |
| 122.5° | 305.4 | 305.8 | 306.2 | 306.6 | 307.1 | 307.5 | 307.9 | 308.3 | 308.7 | 309.2 | 309.2 |
| 125° | 338.7 | 338.9 | 339.1 | 339.4 | 339.6 | 339.9 | 340.1 | 340.4 | 340.5 | 340.8 | 340.9 |
| 127.5° | 369.6 | 369.8 | 369.9 | 370.1 | 370.3 | 370.5 | 370.8 | 371.0 | 371.3 | 371.5 | 371.6 |
| 130° | 389.7 | 390.2 | 390.7 | 391.2 | 391.6 | 392.0 | 392.3 | 392.5 | 392.8 | 392.9 | 392.9 |
| 132.5° | 411.2 | 411.4 | 411.6 | 411.8 | 412.0 | 412.3 | 412.5 | 412.7 | 412.9 | 413.2 | 413.3 |
| 135° | 440.8 | 441.2 | 441.5 | 441.9 | 442.2 | 442.5 | 442.8 | 443.0 | 443.3 | 443.5 | 443.5 |
| 137.5° | 471.9 | 471.8 | 471.7 | 471.6 | 471.6 | 471.7 | 472.0 | 472.3 | 472.7 | 473.0 | 472.8 |
| 140° | 490.8 | 491.0 | 491.1 | 491.2 | 491.3 | 491.4 | 491.5 | 491.6 | 491.7 | 491.9 | 491.9 |
| 142.5° | 509.7 | 509.7 | 509.8 | 509.8 | 509.8 | 509.8 | 509.9 | 509.9 | 509.9 | 509.9 | 510.0 |
| 145° | 535.5 | 535.7 | 536.1 | 536.5 | 536.9 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 |
| 147.5° | 561.5 | 561.6 | 561.7 | 561.8 | 561.9 | 562.0 | 562.1 | 562.2 | 562.3 | 562.4 | 562.5 |
| 150° | 577.4 | 577.5 | 577.6 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 592.0 | 592.3 | 592.6 | 593.0 | 593.2 | 593.2 | 593.0 | 592.7 | 592.4 | 592.1 | 592.0 |
| 155° | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 | 612.7 | 612.3 | 612.5 |
| 157.5° | 630.5 | 630.8 | 631.3 | 631.7 | 632.1 | 632.2 | 631.8 | 631.4 | 631.0 | 630.7 | 630.7 |
| 160° | 640.8 | 641.4 | 642.0 | 642.6 | 643.2 | 643.3 | 642.9 | 642.6 | 642.2 | 641.9 | 642.0 |
| 162.5° | 651.6 | 652.1 | 652.7 | 653.4 | 653.9 | 653.9 | 653.3 | 652.6 | 652.0 | 651.3 | 651.5 |
| 165° | 665.5 | 666.0 | 666.5 | 666.9 | 667.4 | 667.3 | 666.6 | 665.9 | 665.2 | 664.5 | 664.7 |
| 167.5° | 675.5 | 676.3 | 677.0 | 677.8 | 678.4 | 678.5 | 677.8 | 677.0 | 676.4 | 675.6 | 675.6 |
| 170° | 681.1 | 681.9 | 682.8 | 683.6 | 684.5 | 684.5 | 683.8 | 683.1 | 682.4 | 681.6 | 681.6 |
| 172.5° | 685.9 | 686.6 | 687.5 | 688.3 | 689.2 | 689.2 | 688.4 | 687.6 | 686.7 | 686.0 | 685.9 |
| 175° | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 | 691.6 | 690.8 | 690.9 |
| 177.5° | 693.3 | 694.1 | 694.9 | 695.7 | 696.4 | 696.4 | 695.8 | 695.1 | 694.5 | 693.8 | 693.8 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 937.8 | 933.7 | 931.6 | 926.9 | 921.3 | 918.4 | 915.8 | 912.0 | 907.0 | 901.7 | 897.9 |
| 5° | 985.4 | 976.6 | 965.5 | 952.3 | 940.7 | 929.3 | 919.4 | 909.5 | 898.1 | 886.4 | 874.7 |
| 7.5° | 1034.3 | 1016.9 | 998.2 | 976.6 | 955.5 | 936.4 | 918.8 | 901.9 | 882.9 | 865.7 | 850.2 |
| 10° | 1068.3 | 1044.8 | 1018.8 | 991.3 | 963.7 | 939.9 | 916.4 | 895.1 | 871.7 | 850.8 | 833.2 |
| 12.5° | 1095.9 | 1068.3 | 1037.0 | 1002.7 | 969.6 | 940.8 | 913.8 | 886.1 | 859.4 | 836.7 | 813.2 |
| 15° | 1141.6 | 1103.8 | 1061.7 | 1020.6 | 977.7 | 938.5 | 902.1 | 869.9 | 839.4 | 807.6 | 785.1 |
| 17.5° | 1173.1 | 1128.2 | 1077.0 | 1027.7 | 976.9 | 930.7 | 888.8 | 850.4 | 815.2 | 782.7 | 756.0 |
| 20° | 1191.8 | 1142.4 | 1085.5 | 1029.4 | 972.5 | 923.0 | 878.0 | 835.4 | 799.1 | 763.9 | 736.4 |
| 22.5° | 1202.4 | 1147.6 | 1085.5 | 1026.7 | 967.9 | 914.3 | 864.8 | 820.5 | 780.9 | 745.7 | 715.3 |
| 25° | 1205.8 | 1147.1 | 1083.6 | 1016.2 | 951.7 | 894.8 | 843.5 | 795.4 | 751.4 | 716.2 | 683.9 |
| 27.5° | 1201.1 | 1132.0 | 1067.1 | 997.8 | 931.2 | 871.3 | 817.4 | 766.9 | 722.8 | 685.0 | 652.0 |
| 30° | 1194.0 | 1120.0 | 1050.3 | 978.5 | 911.0 | 853.4 | 796.5 | 748.1 | 702.3 | 663.1 | 629.7 |
| 32.5° | 1178.8 | 1105.3 | 1030.4 | 956.7 | 888.3 | 829.1 | 775.1 | 726.4 | 681.5 | 641.3 | 605.9 |
| 35° | 1148.6 | 1074.1 | 992.7 | 917.2 | 850.1 | 788.4 | 737.8 | 690.9 | 648.0 | 605.1 | 567.7 |
| 37.5° | 1108.7 | 1032.7 | 951.7 | 869.0 | 801.8 | 743.7 | 697.2 | 653.2 | 611.2 | 572.1 | 530.7 |
| 40° | 1071.2 | 1001.9 | 918.3 | 836.1 | 767.2 | 711.1 | 668.2 | 628.2 | 586.1 | 547.1 | 505.7 |
| 42.5° | 1025.8 | 966.7 | 882.2 | 799.7 | 731.7 | 677.6 | 637.6 | 598.6 | 560.2 | 522.5 | 479.3 |
| 45° | 949.8 | 905.1 | 825.9 | 746.7 | 678.1 | 624.5 | 587.9 | 553.4 | 519.6 | 483.7 | 443.0 |
| 47.5° | 862.8 | 832.5 | 764.2 | 683.1 | 619.6 | 571.5 | 536.0 | 507.8 | 479.3 | 443.4 | 407.6 |
| 50° | 802.4 | 783.0 | 717.0 | 642.9 | 582.4 | 538.0 | 501.7 | 475.2 | 451.5 | 417.0 | 385.0 |
| 52.5° | 737.8 | 727.5 | 671.8 | 600.9 | 542.4 | 499.0 | 468.0 | 444.2 | 420.1 | 391.4 | 361.6 |
| 55° | 639.6 | 645.1 | 597.8 | 536.5 | 481.5 | 444.9 | 416.6 | 396.8 | 376.3 | 352.0 | 328.9 |
| 57.5° | 539.0 | 559.2 | 527.4 | 473.6 | 422.1 | 388.2 | 366.9 | 350.2 | 333.1 | 312.9 | 293.2 |
| 60° | 478.9 | 495.8 | 477.9 | 430.6 | 385.4 | 353.9 | 334.1 | 321.2 | 304.0 | 285.7 | 270.6 |
| 62.5° | 420.3 | 438.3 | 427.6 | 389.5 | 347.6 | 320.5 | 303.0 | 291.1 | 278.2 | 262.2 | 246.6 |
| 65° | 346.6 | 358.3 | 353.2 | 326.8 | 297.1 | 273.9 | 257.8 | 249.0 | 237.2 | 225.6 | 211.6 |
| 67.5° | 265.4 | 288.1 | 285.1 | 271.1 | 245.4 | 227.3 | 216.8 | 209.1 | 198.3 | 189.6 | 180.1 |
| 70° | 218.2 | 239.1 | 238.7 | 227.3 | 213.4 | 196.5 | 189.3 | 182.7 | 173.1 | 164.7 | 156.9 |
| 72.5° | 178.6 | 197.7 | 200.6 | 191.9 | 182.4 | 169.6 | 162.5 | 158.0 | 148.7 | 143.0 | 136.7 |
| 75° | 125.1 | 139.0 | 142.7 | 142.7 | 138.3 | 131.7 | 125.5 | 122.5 | 115.8 | 110.7 | 107.1 |
| 77.5° | 82.0 | 90.8 | 96.5 | 97.8 | 98.5 | 96.3 | 91.1 | 89.1 | 84.1 | 82.2 | 78.7 |
| 80° | 58.0 | 63.8 | 70.4 | 72.6 | 74.5 | 73.7 | 71.5 | 70.0 | 65.3 | 63.4 | 62.0 |
| 82.5° | 40.1 | 43.3 | 48.7 | 53.5 | 53.1 | 55.0 | 53.1 | 51.8 | 48.3 | 47.6 | 46.1 |
| 85° | 20.9 | 21.3 | 22.0 | 25.3 | 27.1 | 27.9 | 28.3 | 27.5 | 26.4 | 26.4 | 23.8 |
| 87.5° | 9.0 | 8.6 | 9.0 | 8.7 | 8.8 | 9.6 | 10.3 | 10.3 | 9.7 | 9.0 | 8.5 |
| 90° | 9.9 | 9.0 | 8.0 | 6.9 | 5.6 | 4.2 | 2.9 | 1.6 | 2.9 | 4.2 | 5.6 |
| 92.5° | 20.0 | 19.3 | 18.6 | 17.5 | 16.0 | 14.5 | 13.0 | 11.5 | 13.0 | 14.5 | 16.0 |
| 95° | 39.2 | 38.4 | 37.5 | 36.6 | 35.4 | 34.4 | 33.4 | 32.2 | 33.4 | 34.4 | 35.4 |
| 97.5° | 62.7 | 61.6 | 60.7 | 59.8 | 58.9 | 58.1 | 57.2 | 56.4 | 57.2 | 58.1 | 58.9 |
| 100° | 80.1 | 79.0 | 77.9 | 77.2 | 76.7 | 76.3 | 75.8 | 75.2 | 75.8 | 76.3 | 76.7 |
| 102.5° | 98.3 | 97.4 | 96.4 | 95.8 | 95.6 | 95.4 | 95.2 | 95.0 | 95.2 | 95.4 | 95.6 |
| 105° | 127.0 | 126.5 | 126.0 | 125.7 | 125.6 | 125.5 | 125.4 | 125.3 | 125.4 | 125.5 | 125.6 |
| 107.5° | 157.8 | 157.7 | 157.7 | 157.6 | 157.4 | 157.2 | 157.1 | 156.9 | 157.1 | 157.2 | 157.4 |
| 110° | 179.3 | 179.4 | 179.5 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 | 178.7 | 179.0 | 179.2 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.5 | 200.8 | 201.0 | 201.0 | 201.0 | 201.0 | 200.9 | 200.9 | 200.9 | 201.0 | 201.0 |
| 115° | 233.8 | 234.0 | 234.2 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 |
| 117.5° | 266.0 | 266.2 | 266.4 | 266.4 | 266.3 | 266.2 | 266.1 | 266.0 | 266.1 | 266.2 | 266.3 |
| 120° | 288.3 | 288.7 | 289.1 | 289.0 | 288.5 | 288.0 | 287.6 | 287.1 | 287.6 | 288.0 | 288.5 |
| 122.5° | 309.4 | 309.6 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.0 | 309.2 | 309.3 | 309.5 |
| 125° | 341.1 | 341.2 | 341.3 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |
| 127.5° | 371.8 | 372.0 | 372.2 | 372.1 | 371.8 | 371.5 | 371.1 | 370.7 | 371.1 | 371.5 | 371.8 |
| 130° | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.1 | 391.7 | 391.3 | 391.7 | 392.1 | 392.5 |
| 132.5° | 413.4 | 413.5 | 413.6 | 413.5 | 413.2 | 412.9 | 412.7 | 412.5 | 412.7 | 412.9 | 413.2 |
| 135° | 443.5 | 443.5 | 443.5 | 443.2 | 442.4 | 441.7 | 441.0 | 440.3 | 441.0 | 441.7 | 442.4 |
| 137.5° | 472.6 | 472.4 | 472.2 | 471.9 | 471.6 | 471.3 | 470.9 | 470.6 | 470.9 | 471.3 | 471.6 |
| 140° | 491.9 | 491.9 | 491.9 | 491.7 | 491.5 | 491.3 | 491.1 | 490.8 | 491.1 | 491.3 | 491.5 |
| 142.5° | 510.1 | 510.2 | 510.3 | 510.3 | 510.0 | 509.8 | 509.5 | 509.3 | 509.5 | 509.8 | 510.0 |
| 145° | 537.3 | 537.2 | 537.1 | 536.8 | 536.3 | 535.8 | 535.4 | 534.9 | 535.4 | 535.8 | 536.3 |
| 147.5° | 562.6 | 562.7 | 562.8 | 562.6 | 561.9 | 561.4 | 560.8 | 560.2 | 560.8 | 561.4 | 561.9 |
| 150° | 577.9 | 577.9 | 577.9 | 577.7 | 577.2 | 576.7 | 576.3 | 575.7 | 576.3 | 576.7 | 577.2 |
| 152.5° | 591.9 | 591.8 | 591.7 | 591.5 | 591.3 | 591.0 | 590.7 | 590.4 | 590.7 | 591.0 | 591.3 |
| 155° | 612.6 | 612.7 | 612.7 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 |
| 157.5° | 630.7 | 630.7 | 630.7 | 630.9 | 631.1 | 631.3 | 631.5 | 631.8 | 631.5 | 631.3 | 631.1 |
| 160° | 642.2 | 642.2 | 642.3 | 642.4 | 642.6 | 642.7 | 642.8 | 642.9 | 642.8 | 642.7 | 642.6 |
| 162.5° | 651.6 | 651.7 | 651.8 | 652.1 | 652.3 | 652.6 | 653.0 | 653.3 | 653.0 | 652.6 | 652.3 |
| 165° | 665.0 | 665.2 | 665.4 | 665.7 | 666.1 | 666.4 | 666.8 | 667.1 | 666.8 | 666.4 | 666.1 |
| 167.5° | 675.6 | 675.5 | 675.5 | 675.8 | 676.3 | 676.7 | 677.3 | 677.8 | 677.3 | 676.7 | 676.3 |
| 170° | 681.4 | 681.3 | 681.2 | 681.4 | 682.0 | 682.6 | 683.2 | 683.8 | 683.2 | 682.6 | 682.0 |
| 172.5° | 685.9 | 685.9 | 685.9 | 686.1 | 686.6 | 687.1 | 687.6 | 688.1 | 687.6 | 687.1 | 686.6 |
| 175° | 691.1 | 691.2 | 691.3 | 691.6 | 692.2 | 692.9 | 693.4 | 694.0 | 693.4 | 692.9 | 692.2 |
| 177.5° | 693.8 | 693.8 | 693.8 | 694.0 | 694.6 | 695.0 | 695.5 | 696.0 | 695.5 | 695.0 | 694.6 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 893.8 | 890.9 | 887.0 | 882.6 | 877.3 | 872.7 | 870.6 | 872.3 | 873.3 | 870.9 | 870.6 |
| 5° | 866.6 | 857.4 | 850.1 | 839.1 | 830.3 | 822.9 | 817.7 | 815.6 | 816.3 | 810.5 | 809.0 |
| 7.5° | 835.9 | 825.1 | 813.1 | 800.0 | 787.9 | 777.1 | 771.5 | 768.4 | 762.1 | 759.5 | 755.0 |
| 10° | 816.3 | 801.6 | 789.9 | 774.5 | 760.6 | 747.7 | 741.5 | 736.4 | 730.2 | 727.2 | 721.0 |
| 12.5° | 796.1 | 779.1 | 766.2 | 750.2 | 735.9 | 720.5 | 714.5 | 705.0 | 695.2 | 689.1 | 681.1 |
| 15° | 767.5 | 747.1 | 731.2 | 712.2 | 695.3 | 677.7 | 661.9 | 644.3 | 637.7 | 623.8 | 615.8 |
| 17.5° | 734.1 | 713.3 | 693.8 | 668.3 | 642.2 | 620.4 | 603.5 | 586.7 | 576.6 | 567.7 | 563.5 |
| 20° | 712.2 | 693.1 | 666.0 | 636.3 | 607.3 | 583.1 | 569.5 | 558.6 | 547.5 | 541.3 | 536.9 |
| 22.5° | 691.4 | 667.0 | 635.5 | 603.4 | 574.5 | 555.5 | 544.0 | 532.7 | 523.8 | 517.8 | 512.0 |
| 25° | 656.5 | 624.5 | 591.2 | 554.5 | 534.7 | 518.2 | 505.7 | 496.5 | 491.1 | 483.3 | 480.4 |
| 27.5° | 620.6 | 581.9 | 545.1 | 520.5 | 499.8 | 484.7 | 473.9 | 467.0 | 460.1 | 455.1 | 451.3 |
| 30° | 593.0 | 553.7 | 520.8 | 497.3 | 476.4 | 463.9 | 455.1 | 447.0 | 441.6 | 437.5 | 434.6 |
| 32.5° | 565.7 | 526.5 | 498.7 | 473.5 | 457.0 | 444.9 | 435.5 | 429.4 | 425.1 | 419.9 | 418.1 |
| 35° | 526.2 | 491.4 | 467.2 | 444.5 | 427.6 | 416.6 | 409.3 | 403.0 | 399.4 | 397.9 | 396.8 |
| 37.5° | 488.3 | 459.8 | 433.8 | 415.1 | 400.1 | 391.4 | 382.8 | 379.8 | 377.2 | 374.6 | 375.8 |
| 40° | 464.3 | 437.5 | 414.4 | 394.6 | 382.5 | 373.0 | 367.8 | 364.2 | 361.9 | 361.9 | 361.9 |
| 42.5° | 443.5 | 417.3 | 394.7 | 377.0 | 364.9 | 356.8 | 351.1 | 348.0 | 347.3 | 346.9 | 348.7 |
| 45° | 411.1 | 386.9 | 364.2 | 349.5 | 339.2 | 331.1 | 327.8 | 325.3 | 325.3 | 326.8 | 327.2 |
| 47.5° | 379.1 | 356.4 | 338.1 | 321.7 | 312.3 | 307.3 | 304.3 | 303.0 | 303.2 | 304.6 | 306.3 |
| 50° | 359.4 | 337.1 | 319.1 | 304.3 | 295.6 | 290.8 | 288.2 | 287.5 | 288.2 | 288.2 | 290.8 |
| 52.5° | 338.0 | 317.9 | 300.3 | 287.9 | 278.0 | 273.5 | 272.1 | 271.1 | 271.5 | 272.7 | 273.8 |
| 55° | 306.6 | 288.6 | 271.7 | 260.0 | 252.7 | 249.8 | 246.5 | 246.9 | 246.1 | 246.9 | 246.9 |
| 57.5° | 275.1 | 259.0 | 243.3 | 233.9 | 227.5 | 223.3 | 219.7 | 220.6 | 219.6 | 219.4 | 218.9 |
| 60° | 254.9 | 237.2 | 224.8 | 216.4 | 209.1 | 205.4 | 202.1 | 202.8 | 201.7 | 201.0 | 199.5 |
| 62.5° | 232.9 | 218.2 | 206.3 | 198.2 | 192.3 | 188.0 | 184.7 | 184.0 | 181.4 | 179.0 | 175.7 |
| 65° | 201.0 | 188.9 | 178.2 | 170.5 | 165.0 | 161.7 | 159.2 | 156.9 | 151.5 | 145.6 | 142.7 |
| 67.5° | 169.9 | 161.2 | 151.3 | 144.8 | 140.3 | 136.0 | 131.1 | 127.3 | 122.2 | 118.9 | 117.2 |
| 70° | 150.0 | 141.6 | 133.1 | 126.9 | 122.2 | 118.1 | 112.5 | 110.0 | 106.3 | 104.9 | 103.0 |
| 72.5° | 130.9 | 123.1 | 115.2 | 109.6 | 104.5 | 101.3 | 97.1 | 94.4 | 92.8 | 92.3 | 90.4 |
| 75° | 102.0 | 95.8 | 89.8 | 84.7 | 80.7 | 78.5 | 76.6 | 74.8 | 74.1 | 70.8 | 68.9 |
| 77.5° | 74.4 | 70.2 | 66.6 | 63.0 | 60.0 | 58.6 | 55.0 | 53.0 | 51.7 | 50.1 | 49.8 |
| 80° | 58.0 | 55.0 | 51.4 | 49.1 | 45.1 | 43.6 | 42.1 | 41.8 | 41.5 | 41.1 | 40.7 |
| 82.5° | 43.5 | 40.6 | 36.9 | 35.6 | 34.6 | 33.6 | 32.8 | 32.4 | 32.0 | 32.2 | 32.2 |
| 85° | 22.0 | 20.5 | 20.5 | 20.2 | 19.8 | 19.4 | 19.0 | 19.0 | 18.7 | 19.0 | 18.7 |
| 87.5° | 8.7 | 8.7 | 8.9 | 8.5 | 9.0 | 9.1 | 9.0 | 9.1 | 9.5 | 9.1 | 9.2 |
| 90° | 6.9 | 8.0 | 9.0 | 9.9 | 10.8 | 11.8 | 12.5 | 13.3 | 13.9 | 14.7 | 15.2 |
| 92.5° | 17.5 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.7 | 22.1 | 22.6 | 23.0 | 23.3 |
| 95° | 36.6 | 37.5 | 38.4 | 39.2 | 40.1 | 40.8 | 41.2 | 41.6 | 41.9 | 42.3 | 42.5 |
| 97.5° | 59.8 | 60.7 | 61.6 | 62.7 | 63.6 | 64.7 | 65.0 | 65.5 | 65.9 | 66.4 | 66.5 |
| 100° | 77.2 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 | 82.5 | 82.8 | 82.9 | 83.2 | 83.3 |
| 102.5° | 95.8 | 96.4 | 97.4 | 98.3 | 99.3 | 100.3 | 100.7 | 100.9 | 101.3 | 101.6 | 101.9 |
| 105° | 125.7 | 126.0 | 126.5 | 127.0 | 127.4 | 127.9 | 128.3 | 128.7 | 129.0 | 129.4 | 129.7 |
| 107.5° | 157.6 | 157.7 | 157.7 | 157.8 | 157.9 | 158.0 | 158.3 | 158.6 | 158.9 | 159.3 | 159.5 |
| 110° | 179.5 | 179.5 | 179.4 | 179.3 | 179.2 | 179.0 | 178.8 | 178.5 | 178.3 | 178.0 | 178.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 201.0 | 201.0 | 200.8 | 200.5 | 200.3 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 |
| 115° | 234.4 | 234.2 | 234.0 | 233.8 | 233.6 | 233.3 | 233.2 | 233.1 | 233.0 | 232.8 | 232.7 |
| 117.5° | 266.4 | 266.4 | 266.2 | 266.0 | 265.8 | 265.7 | 265.2 | 264.9 | 264.5 | 264.0 | 263.7 |
| 120° | 289.0 | 289.1 | 288.7 | 288.3 | 287.9 | 287.6 | 287.0 | 286.4 | 285.8 | 285.2 | 285.0 |
| 122.5° | 309.7 | 309.8 | 309.6 | 309.4 | 309.2 | 309.2 | 308.7 | 308.3 | 307.9 | 307.5 | 307.1 |
| 125° | 341.4 | 341.3 | 341.2 | 341.1 | 340.9 | 340.8 | 340.5 | 340.4 | 340.1 | 339.9 | 339.6 |
| 127.5° | 372.1 | 372.2 | 372.0 | 371.8 | 371.6 | 371.5 | 371.3 | 371.0 | 370.8 | 370.5 | 370.3 |
| 130° | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.3 | 392.0 | 391.6 |
| 132.5° | 413.5 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2 | 412.9 | 412.7 | 412.5 | 412.3 | 412.0 |
| 135° | 443.2 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.3 | 443.0 | 442.8 | 442.5 | 442.2 |
| 137.5° | 471.9 | 472.2 | 472.4 | 472.6 | 472.8 | 473.0 | 472.7 | 472.3 | 472.0 | 471.7 | 471.6 |
| 140° | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.6 | 491.5 | 491.4 | 491.3 |
| 142.5° | 510.3 | 510.3 | 510.2 | 510.1 | 510.0 | 509.9 | 509.9 | 509.9 | 509.9 | 509.8 | 509.8 |
| 145° | 536.8 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 | 537.3 | 537.2 | 537.1 | 536.9 |
| 147.5° | 562.6 | 562.8 | 562.7 | 562.6 | 562.5 | 562.4 | 562.3 | 562.2 | 562.1 | 562.0 | 561.9 |
| 150° | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 591.5 | 591.7 | 591.8 | 591.9 | 592.0 | 592.1 | 592.4 | 592.7 | 593.0 | 593.2 | 593.2 |
| 155° | 612.8 | 612.7 | 612.7 | 612.6 | 612.5 | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 |
| 157.5° | 630.9 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 631.0 | 631.4 | 631.8 | 632.2 | 632.1 |
| 160° | 642.4 | 642.3 | 642.2 | 642.2 | 642.0 | 641.9 | 642.2 | 642.6 | 642.9 | 643.3 | 643.2 |
| 162.5° | 652.1 | 651.8 | 651.7 | 651.6 | 651.5 | 651.3 | 652.0 | 652.6 | 653.3 | 653.9 | 653.9 |
| 165° | 665.7 | 665.4 | 665.2 | 665.0 | 664.7 | 664.5 | 665.2 | 665.9 | 666.6 | 667.3 | 667.4 |
| 167.5° | 675.8 | 675.5 | 675.5 | 675.6 | 675.6 | 675.6 | 676.4 | 677.0 | 677.8 | 678.5 | 678.4 |
| 170° | 681.4 | 681.2 | 681.3 | 681.4 | 681.6 | 681.6 | 682.4 | 683.1 | 683.8 | 684.5 | 684.5 |
| 172.5° | 686.1 | 685.9 | 685.9 | 685.9 | 685.9 | 686.0 | 686.7 | 687.6 | 688.4 | 689.2 | 689.2 |
| 175° | 691.6 | 691.3 | 691.2 | 691.1 | 690.9 | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 |
| 177.5° | 694.0 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.5 | 695.1 | 695.8 | 696.4 | 696.4 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 868.8 | 869.4 | 867.4 | 866.8 | 867.4 | 869.4 | 868.8 | 870.6 | 870.9 | 873.3 | 872.3 |
| 5° | 806.1 | 805.3 | 803.5 | 803.9 | 803.5 | 805.3 | 806.1 | 809.0 | 810.5 | 816.3 | 815.6 |
| 7.5° | 752.3 | 749.5 | 750.4 | 747.3 | 750.4 | 749.5 | 752.3 | 755.0 | 759.5 | 762.1 | 768.4 |
| 10° | 719.5 | 715.5 | 712.2 | 709.3 | 712.2 | 715.5 | 719.5 | 721.0 | 727.2 | 730.2 | 736.4 |
| 12.5° | 674.7 | 671.2 | 666.7 | 667.6 | 666.7 | 671.2 | 674.7 | 681.1 | 689.1 | 695.2 | 705.0 |
| 15° | 611.0 | 605.5 | 596.6 | 597.8 | 596.6 | 605.5 | 611.0 | 615.8 | 623.8 | 637.7 | 644.3 |
| 17.5° | 557.0 | 557.1 | 553.1 | 554.0 | 553.1 | 557.1 | 557.0 | 563.5 | 567.7 | 576.6 | 586.7 |
| 20° | 529.1 | 526.6 | 527.0 | 525.8 | 527.0 | 526.6 | 529.1 | 536.9 | 541.3 | 547.5 | 558.6 |
| 22.5° | 509.8 | 506.7 | 504.1 | 501.8 | 504.1 | 506.7 | 509.8 | 512.0 | 517.8 | 523.8 | 532.7 |
| 25° | 477.1 | 474.9 | 471.6 | 470.9 | 471.6 | 474.9 | 477.1 | 480.4 | 483.3 | 491.1 | 496.5 |
| 27.5° | 448.4 | 447.9 | 446.6 | 444.9 | 446.6 | 447.9 | 448.4 | 451.3 | 455.1 | 460.1 | 467.0 |
| 30° | 431.6 | 430.9 | 430.2 | 429.0 | 430.2 | 430.9 | 431.6 | 434.6 | 437.5 | 441.6 | 447.0 |
| 32.5° | 416.7 | 416.2 | 415.5 | 415.6 | 415.5 | 416.2 | 416.7 | 418.1 | 419.9 | 425.1 | 429.4 |
| 35° | 395.3 | 394.9 | 394.3 | 393.9 | 394.3 | 394.9 | 395.3 | 396.8 | 397.9 | 399.4 | 403.0 |
| 37.5° | 375.4 | 376.4 | 375.9 | 375.8 | 375.9 | 376.4 | 375.4 | 375.8 | 374.6 | 377.2 | 379.8 |
| 40° | 361.6 | 361.9 | 362.7 | 362.3 | 362.7 | 361.9 | 361.6 | 361.9 | 361.9 | 361.9 | 364.2 |
| 42.5° | 350.2 | 350.2 | 351.3 | 350.0 | 351.3 | 350.2 | 350.2 | 348.7 | 346.9 | 347.3 | 348.0 |
| 45° | 329.7 | 331.9 | 331.5 | 331.5 | 331.5 | 331.9 | 329.7 | 327.2 | 326.8 | 325.3 | 325.3 |
| 47.5° | 307.3 | 309.2 | 309.7 | 309.6 | 309.7 | 309.2 | 307.3 | 306.3 | 304.6 | 303.2 | 303.0 |
| 50° | 292.7 | 291.9 | 293.0 | 292.7 | 293.0 | 291.9 | 292.7 | 290.8 | 288.2 | 288.2 | 287.5 |
| 52.5° | 274.8 | 274.9 | 274.8 | 274.5 | 274.8 | 274.9 | 274.8 | 273.8 | 272.7 | 271.5 | 271.1 |
| 55° | 247.1 | 247.5 | 246.9 | 247.1 | 246.9 | 247.5 | 247.1 | 246.9 | 246.9 | 246.1 | 246.9 |
| 57.5° | 217.3 | 215.5 | 216.2 | 215.4 | 216.2 | 215.5 | 217.3 | 218.9 | 219.4 | 219.6 | 220.6 |
| 60° | 195.9 | 192.9 | 192.2 | 190.7 | 192.2 | 192.9 | 195.9 | 199.5 | 201.0 | 201.7 | 202.8 |
| 62.5° | 171.7 | 169.8 | 167.2 | 168.4 | 167.2 | 169.8 | 171.7 | 175.7 | 179.0 | 181.4 | 184.0 |
| 65° | 139.7 | 138.3 | 137.1 | 138.6 | 137.1 | 138.3 | 139.7 | 142.7 | 145.6 | 151.5 | 156.9 |
| 67.5° | 115.6 | 114.9 | 114.9 | 114.1 | 114.9 | 114.9 | 115.6 | 117.2 | 118.9 | 122.2 | 127.3 |
| 70° | 103.0 | 102.0 | 102.0 | 101.2 | 102.0 | 102.0 | 103.0 | 103.0 | 104.9 | 106.3 | 110.0 |
| 72.5° | 90.1 | 89.1 | 89.4 | 88.9 | 89.4 | 89.1 | 90.1 | 90.4 | 92.3 | 92.8 | 94.4 |
| 75° | 66.7 | 64.9 | 64.9 | 65.3 | 64.9 | 64.9 | 66.7 | 68.9 | 70.8 | 74.1 | 74.8 |
| 77.5° | 49.8 | 49.4 | 50.0 | 49.3 | 50.0 | 49.4 | 49.8 | 49.8 | 50.1 | 51.7 | 53.0 |
| 80° | 40.7 | 40.3 | 40.0 | 41.1 | 40.0 | 40.3 | 40.7 | 40.7 | 41.1 | 41.5 | 41.8 |
| 82.5° | 31.6 | 31.6 | 31.5 | 32.9 | 31.5 | 31.6 | 31.6 | 32.2 | 32.2 | 32.0 | 32.4 |
| 85° | 19.0 | 18.4 | 19.0 | 18.4 | 19.0 | 18.4 | 19.0 | 18.7 | 19.0 | 18.7 | 19.0 |
| 87.5° | 9.8 | 9.6 | 9.3 | 9.7 | 9.3 | 9.6 | 9.8 | 9.2 | 9.1 | 9.5 | 9.1 |
| 90° | 15.5 | 15.6 | 15.9 | 16.1 | 15.9 | 15.6 | 15.5 | 15.2 | 14.7 | 13.9 | 13.3 |
| 92.5° | 23.5 | 23.6 | 23.8 | 23.8 | 23.8 | 23.6 | 23.5 | 23.3 | 23.0 | 22.6 | 22.1 |
| 95° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.3 | 41.9 | 41.6 |
| 97.5° | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.4 | 65.9 | 65.5 |
| 100° | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.2 | 82.9 | 82.8 |
| 102.5° | 102.0 | 102.1 | 102.2 | 102.3 | 102.2 | 102.1 | 102.0 | 101.9 | 101.6 | 101.3 | 100.9 |
| 105° | 130.1 | 130.4 | 130.8 | 131.2 | 130.8 | 130.4 | 130.1 | 129.7 | 129.4 | 129.0 | 128.7 |
| 107.5° | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.5 | 159.3 | 158.9 | 158.6 |
| 110° | 178.5 | 178.8 | 179.2 | 179.6 | 179.2 | 178.8 | 178.5 | 178.1 | 178.0 | 178.3 | 178.5 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 200.0 | 200.1 | 200.2 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 | 200.0 |
| 115° | 232.6 | 232.4 | 232.3 | 232.2 | 232.3 | 232.4 | 232.6 | 232.7 | 232.8 | 233.0 | 233.1 |
| 117.5° | 263.4 | 263.3 | 263.0 | 262.8 | 263.0 | 263.3 | 263.4 | 263.7 | 264.0 | 264.5 | 264.9 |
| 120° | 285.3 | 285.5 | 285.8 | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 285.2 | 285.8 | 286.4 |
| 122.5° | 306.6 | 306.2 | 305.8 | 305.4 | 305.8 | 306.2 | 306.6 | 307.1 | 307.5 | 307.9 | 308.3 |
| 125° | 339.4 | 339.1 | 338.9 | 338.7 | 338.9 | 339.1 | 339.4 | 339.6 | 339.9 | 340.1 | 340.4 |
| 127.5° | 370.1 | 369.9 | 369.8 | 369.6 | 369.8 | 369.9 | 370.1 | 370.3 | 370.5 | 370.8 | 371.0 |
| 130° | 391.2 | 390.7 | 390.2 | 389.7 | 390.2 | 390.7 | 391.2 | 391.6 | 392.0 | 392.3 | 392.5 |
| 132.5° | 411.8 | 411.6 | 411.4 | 411.2 | 411.4 | 411.6 | 411.8 | 412.0 | 412.3 | 412.5 | 412.7 |
| 135° | 441.9 | 441.5 | 441.2 | 440.8 | 441.2 | 441.5 | 441.9 | 442.2 | 442.5 | 442.8 | 443.0 |
| 137.5° | 471.6 | 471.7 | 471.8 | 471.9 | 471.8 | 471.7 | 471.6 | 471.6 | 471.7 | 472.0 | 472.3 |
| 140° | 491.2 | 491.1 | 491.0 | 490.8 | 491.0 | 491.1 | 491.2 | 491.3 | 491.4 | 491.5 | 491.6 |
| 142.5° | 509.8 | 509.8 | 509.7 | 509.7 | 509.7 | 509.8 | 509.8 | 509.8 | 509.8 | 509.9 | 509.9 |
| 145° | 536.5 | 536.1 | 535.7 | 535.5 | 535.7 | 536.1 | 536.5 | 536.9 | 537.1 | 537.2 | 537.3 |
| 147.5° | 561.8 | 561.7 | 561.6 | 561.5 | 561.6 | 561.7 | 561.8 | 561.9 | 562.0 | 562.1 | 562.2 |
| 150° | 577.7 | 577.6 | 577.5 | 577.4 | 577.5 | 577.6 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 593.0 | 592.6 | 592.3 | 592.0 | 592.3 | 592.6 | 593.0 | 593.2 | 593.2 | 593.0 | 592.7 |
| 155° | 613.7 | 613.2 | 612.7 | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 |
| 157.5° | 631.7 | 631.3 | 630.8 | 630.5 | 630.8 | 631.3 | 631.7 | 632.1 | 632.2 | 631.8 | 631.4 |
| 160° | 642.6 | 642.0 | 641.4 | 640.8 | 641.4 | 642.0 | 642.6 | 643.2 | 643.3 | 642.9 | 642.6 |
| 162.5° | 653.4 | 652.7 | 652.1 | 651.6 | 652.1 | 652.7 | 653.4 | 653.9 | 653.9 | 653.3 | 652.6 |
| 165° | 666.9 | 666.5 | 666.0 | 665.5 | 666.0 | 666.5 | 666.9 | 667.4 | 667.3 | 666.6 | 665.9 |
| 167.5° | 677.8 | 677.0 | 676.3 | 675.5 | 676.3 | 677.0 | 677.8 | 678.4 | 678.5 | 677.8 | 677.0 |
| 170° | 683.6 | 682.8 | 681.9 | 681.1 | 681.9 | 682.8 | 683.6 | 684.5 | 684.5 | 683.8 | 683.1 |
| 172.5° | 688.3 | 687.5 | 686.6 | 685.9 | 686.6 | 687.5 | 688.3 | 689.2 | 689.2 | 688.4 | 687.6 |
| 175° | 693.3 | 692.5 | 691.6 | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 |
| 177.5° | 695.7 | 694.9 | 694.1 | 693.3 | 694.1 | 694.9 | 695.7 | 696.4 | 696.4 | 695.8 | 695.1 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 870.6 | 872.7 | 877.3 | 882.6 | 887.0 | 890.9 | 893.8 | 897.9 | 901.7 | 907.0 | 912.0 |
| 5° | 817.7 | 822.9 | 830.3 | 839.1 | 850.1 | 857.4 | 866.6 | 874.7 | 886.4 | 898.1 | 909.5 |
| 7.5° | 771.5 | 777.1 | 787.9 | 800.0 | 813.1 | 825.1 | 835.9 | 850.2 | 865.7 | 882.9 | 901.9 |
| 10° | 741.5 | 747.7 | 760.6 | 774.5 | 789.9 | 801.6 | 816.3 | 833.2 | 850.8 | 871.7 | 895.1 |
| 12.5° | 714.5 | 720.5 | 735.9 | 750.2 | 766.2 | 779.1 | 796.1 | 813.2 | 836.7 | 859.4 | 886.1 |
| 15° | 661.9 | 677.7 | 695.3 | 712.2 | 731.2 | 747.1 | 767.5 | 785.1 | 807.6 | 839.4 | 869.9 |
| 17.5° | 603.5 | 620.4 | 642.2 | 668.3 | 693.8 | 713.3 | 734.1 | 756.0 | 782.7 | 815.2 | 850.4 |
| 20° | 569.5 | 583.1 | 607.3 | 636.3 | 666.0 | 693.1 | 712.2 | 736.4 | 763.9 | 799.1 | 835.4 |
| 22.5° | 544.0 | 555.5 | 574.5 | 603.4 | 635.5 | 667.0 | 691.4 | 715.3 | 745.7 | 780.9 | 820.5 |
| 25° | 505.7 | 518.2 | 534.7 | 554.5 | 591.2 | 624.5 | 656.5 | 683.9 | 716.2 | 751.4 | 795.4 |
| 27.5° | 473.9 | 484.7 | 499.8 | 520.5 | 545.1 | 581.9 | 620.6 | 652.0 | 685.0 | 722.8 | 766.9 |
| 30° | 455.1 | 463.9 | 476.4 | 497.3 | 520.8 | 553.7 | 593.0 | 629.7 | 663.1 | 702.3 | 748.1 |
| 32.5° | 435.5 | 444.9 | 457.0 | 473.5 | 498.7 | 526.5 | 565.7 | 605.9 | 641.3 | 681.5 | 726.4 |
| 35° | 409.3 | 416.6 | 427.6 | 444.5 | 467.2 | 491.4 | 526.2 | 567.7 | 605.1 | 648.0 | 690.9 |
| 37.5° | 382.8 | 391.4 | 400.1 | 415.1 | 433.8 | 459.8 | 488.3 | 530.7 | 572.1 | 611.2 | 653.2 |
| 40° | 367.8 | 373.0 | 382.5 | 394.6 | 414.4 | 437.5 | 464.3 | 505.7 | 547.1 | 586.1 | 628.2 |
| 42.5° | 351.1 | 356.8 | 364.9 | 377.0 | 394.7 | 417.3 | 443.5 | 479.3 | 522.5 | 560.2 | 598.6 |
| 45° | 327.8 | 331.1 | 339.2 | 349.5 | 364.2 | 386.9 | 411.1 | 443.0 | 483.7 | 519.6 | 553.4 |
| 47.5° | 304.3 | 307.3 | 312.3 | 321.7 | 338.1 | 356.4 | 379.1 | 407.6 | 443.4 | 479.3 | 507.8 |
| 50° | 288.2 | 290.8 | 295.6 | 304.3 | 319.1 | 337.1 | 359.4 | 385.0 | 417.0 | 451.5 | 475.2 |
| 52.5° | 272.1 | 273.5 | 278.0 | 287.9 | 300.3 | 317.9 | 338.0 | 361.6 | 391.4 | 420.1 | 444.2 |
| 55° | 246.5 | 249.8 | 252.7 | 260.0 | 271.7 | 288.6 | 306.6 | 328.9 | 352.0 | 376.3 | 396.8 |
| 57.5° | 219.7 | 223.3 | 227.5 | 233.9 | 243.3 | 259.0 | 275.1 | 293.2 | 312.9 | 333.1 | 350.2 |
| 60° | 202.1 | 205.4 | 209.1 | 216.4 | 224.8 | 237.2 | 254.9 | 270.6 | 285.7 | 304.0 | 321.2 |
| 62.5° | 184.7 | 188.0 | 192.3 | 198.2 | 206.3 | 218.2 | 232.9 | 246.6 | 262.2 | 278.2 | 291.1 |
| 65° | 159.2 | 161.7 | 165.0 | 170.5 | 178.2 | 188.9 | 201.0 | 211.6 | 225.6 | 237.2 | 249.0 |
| 67.5° | 131.1 | 136.0 | 140.3 | 144.8 | 151.3 | 161.2 | 169.9 | 180.1 | 189.6 | 198.3 | 209.1 |
| 70° | 112.5 | 118.1 | 122.2 | 126.9 | 133.1 | 141.6 | 150.0 | 156.9 | 164.7 | 173.1 | 182.7 |
| 72.5° | 97.1 | 101.3 | 104.5 | 109.6 | 115.2 | 123.1 | 130.9 | 136.7 | 143.0 | 148.7 | 158.0 |
| 75° | 76.6 | 78.5 | 80.7 | 84.7 | 89.8 | 95.8 | 102.0 | 107.1 | 110.7 | 115.8 | 122.5 |
| 77.5° | 55.0 | 58.6 | 60.0 | 63.0 | 66.6 | 70.2 | 74.4 | 78.7 | 82.2 | 84.1 | 89.1 |
| 80° | 42.1 | 43.6 | 45.1 | 49.1 | 51.4 | 55.0 | 58.0 | 62.0 | 63.4 | 65.3 | 70.0 |
| 82.5° | 32.8 | 33.6 | 34.6 | 35.6 | 36.9 | 40.6 | 43.5 | 46.1 | 47.6 | 48.3 | 51.8 |
| 85° | 19.0 | 19.4 | 19.8 | 20.2 | 20.5 | 20.5 | 22.0 | 23.8 | 26.4 | 26.4 | 27.5 |
| 87.5° | 9.0 | 9.1 | 9.0 | 8.5 | 8.9 | 8.7 | 8.7 | 8.5 | 9.0 | 9.7 | 10.3 |
| 90° | 12.5 | 11.8 | 10.8 | 9.9 | 9.0 | 8.0 | 6.9 | 5.6 | 4.2 | 2.9 | 1.6 |
| 92.5° | 21.7 | 21.3 | 20.6 | 20.0 | 19.3 | 18.6 | 17.5 | 16.0 | 14.5 | 13.0 | 11.5 |
| 95° | 41.2 | 40.8 | 40.1 | 39.2 | 38.4 | 37.5 | 36.6 | 35.4 | 34.4 | 33.4 | 32.2 |
| 97.5° | 65.0 | 64.7 | 63.6 | 62.7 | 61.6 | 60.7 | 59.8 | 58.9 | 58.1 | 57.2 | 56.4 |
| 100° | 82.5 | 82.3 | 81.2 | 80.1 | 79.0 | 77.9 | 77.2 | 76.7 | 76.3 | 75.8 | 75.2 |
| 102.5° | 100.7 | 100.3 | 99.3 | 98.3 | 97.4 | 96.4 | 95.8 | 95.6 | 95.4 | 95.2 | 95.0 |
| 105° | 128.3 | 127.9 | 127.4 | 127.0 | 126.5 | 126.0 | 125.7 | 125.6 | 125.5 | 125.4 | 125.3 |
| 107.5° | 158.3 | 158.0 | 157.9 | 157.8 | 157.7 | 157.7 | 157.6 | 157.4 | 157.2 | 157.1 | 156.9 |
| 110° | 178.8 | 179.0 | 179.2 | 179.3 | 179.4 | 179.5 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 200.1 | 200.3 | 200.5 | 200.8 | 201.0 | 201.0 | 201.0 | 201.0 | 200.9 | 200.9 |
| 115° | 233.2 | 233.3 | 233.6 | 233.8 | 234.0 | 234.2 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 |
| 117.5° | 265.2 | 265.7 | 265.8 | 266.0 | 266.2 | 266.4 | 266.4 | 266.3 | 266.2 | 266.1 | 266.0 |
| 120° | 287.0 | 287.6 | 287.9 | 288.3 | 288.7 | 289.1 | 289.0 | 288.5 | 288.0 | 287.6 | 287.1 |
| 122.5° | 308.7 | 309.2 | 309.2 | 309.4 | 309.6 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.0 |
| 125° | 340.5 | 340.8 | 340.9 | 341.1 | 341.2 | 341.3 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |
| 127.5° | 371.3 | 371.5 | 371.6 | 371.8 | 372.0 | 372.2 | 372.1 | 371.8 | 371.5 | 371.1 | 370.7 |
| 130° | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.1 | 391.7 | 391.3 |
| 132.5° | 412.9 | 413.2 | 413.3 | 413.4 | 413.5 | 413.6 | 413.5 | 413.2 | 412.9 | 412.7 | 412.5 |
| 135° | 443.3 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.2 | 442.4 | 441.7 | 441.0 | 440.3 |
| 137.5° | 472.7 | 473.0 | 472.8 | 472.6 | 472.4 | 472.2 | 471.9 | 471.6 | 471.3 | 470.9 | 470.6 |
| 140° | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.5 | 491.3 | 491.1 | 490.8 |
| 142.5° | 509.9 | 509.9 | 510.0 | 510.1 | 510.2 | 510.3 | 510.3 | 510.0 | 509.8 | 509.5 | 509.3 |
| 145° | 537.4 | 537.5 | 537.4 | 537.3 | 537.2 | 537.1 | 536.8 | 536.3 | 535.8 | 535.4 | 534.9 |
| 147.5° | 562.3 | 562.4 | 562.5 | 562.6 | 562.7 | 562.8 | 562.6 | 561.9 | 561.4 | 560.8 | 560.2 |
| 150° | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.7 | 577.2 | 576.7 | 576.3 | 575.7 |
| 152.5° | 592.4 | 592.1 | 592.0 | 591.9 | 591.8 | 591.7 | 591.5 | 591.3 | 591.0 | 590.7 | 590.4 |
| 155° | 612.7 | 612.3 | 612.5 | 612.6 | 612.7 | 612.7 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 |
| 157.5° | 631.0 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 630.9 | 631.1 | 631.3 | 631.5 | 631.8 |
| 160° | 642.2 | 641.9 | 642.0 | 642.2 | 642.2 | 642.3 | 642.4 | 642.6 | 642.7 | 642.8 | 642.9 |
| 162.5° | 652.0 | 651.3 | 651.5 | 651.6 | 651.7 | 651.8 | 652.1 | 652.3 | 652.6 | 653.0 | 653.3 |
| 165° | 665.2 | 664.5 | 664.7 | 665.0 | 665.2 | 665.4 | 665.7 | 666.1 | 666.4 | 666.8 | 667.1 |
| 167.5° | 676.4 | 675.6 | 675.6 | 675.6 | 675.5 | 675.5 | 675.8 | 676.3 | 676.7 | 677.3 | 677.8 |
| 170° | 682.4 | 681.6 | 681.6 | 681.4 | 681.3 | 681.2 | 681.4 | 682.0 | 682.6 | 683.2 | 683.8 |
| 172.5° | 686.7 | 686.0 | 685.9 | 685.9 | 685.9 | 685.9 | 686.1 | 686.6 | 687.1 | 687.6 | 688.1 |
| 175° | 691.6 | 690.8 | 690.9 | 691.1 | 691.2 | 691.3 | 691.6 | 692.2 | 692.9 | 693.4 | 694.0 |
| 177.5° | 694.5 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.0 | 694.6 | 695.0 | 695.5 | 696.0 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 915.8 | 918.4 | 921.3 | 926.9 | 931.6 | 933.7 | 937.8 | 940.8 | 939.8 | 944.0 | 951.0 |
| 5° | 919.4 | 929.3 | 940.7 | 952.3 | 965.5 | 976.6 | 985.4 | 994.2 | 1001.2 | 1009.6 | 1022.1 |
| 7.5° | 918.8 | 936.4 | 955.5 | 976.6 | 998.2 | 1016.9 | 1034.3 | 1051.9 | 1067.4 | 1084.6 | 1106.9 |
| 10° | 916.4 | 939.9 | 963.7 | 991.3 | 1018.8 | 1044.8 | 1068.3 | 1090.2 | 1111.2 | 1133.5 | 1161.8 |
| 12.5° | 913.8 | 940.8 | 969.6 | 1002.7 | 1037.0 | 1068.3 | 1095.9 | 1127.6 | 1153.7 | 1182.5 | 1215.2 |
| 15° | 902.1 | 938.5 | 977.7 | 1020.6 | 1061.7 | 1103.8 | 1141.6 | 1180.5 | 1216.8 | 1251.2 | 1292.3 |
| 17.5° | 888.8 | 930.7 | 976.9 | 1027.7 | 1077.0 | 1128.2 | 1173.1 | 1222.1 | 1259.1 | 1305.4 | 1343.6 |
| 20° | 878.0 | 923.0 | 972.5 | 1029.4 | 1085.5 | 1142.4 | 1191.8 | 1241.7 | 1283.6 | 1330.1 | 1378.6 |
| 22.5° | 864.8 | 914.3 | 967.9 | 1026.7 | 1085.5 | 1147.6 | 1202.4 | 1252.0 | 1303.8 | 1356.2 | 1406.1 |
| 25° | 843.5 | 894.8 | 951.7 | 1016.2 | 1083.6 | 1147.1 | 1205.8 | 1267.4 | 1323.1 | 1380.0 | 1424.7 |
| 27.5° | 817.4 | 871.3 | 931.2 | 997.8 | 1067.1 | 1132.0 | 1201.1 | 1266.8 | 1322.9 | 1377.5 | 1416.5 |
| 30° | 796.5 | 853.4 | 911.0 | 978.5 | 1050.3 | 1120.0 | 1194.0 | 1259.7 | 1318.7 | 1367.9 | 1389.9 |
| 32.5° | 775.1 | 829.1 | 888.3 | 956.7 | 1030.4 | 1105.3 | 1178.8 | 1245.9 | 1300.5 | 1330.0 | 1330.6 |
| 35° | 737.8 | 788.4 | 850.1 | 917.2 | 992.7 | 1074.1 | 1148.6 | 1214.6 | 1247.9 | 1250.6 | 1214.6 |
| 37.5° | 697.2 | 743.7 | 801.8 | 869.0 | 951.7 | 1032.7 | 1108.7 | 1152.7 | 1163.9 | 1126.6 | 1060.2 |
| 40° | 668.2 | 711.1 | 767.2 | 836.1 | 918.3 | 1001.9 | 1071.2 | 1103.4 | 1091.7 | 1031.2 | 957.2 |
| 42.5° | 637.6 | 677.6 | 731.7 | 799.7 | 882.2 | 966.7 | 1025.8 | 1043.0 | 1011.9 | 942.1 | 855.4 |
| 45° | 587.9 | 624.5 | 678.1 | 746.7 | 825.9 | 905.1 | 949.8 | 941.0 | 889.3 | 806.4 | 709.3 |
| 47.5° | 536.0 | 571.5 | 619.6 | 683.1 | 764.2 | 832.5 | 862.8 | 836.3 | 762.7 | 671.6 | 592.5 |
| 50° | 501.7 | 538.0 | 582.4 | 642.9 | 717.0 | 783.0 | 802.4 | 762.0 | 680.2 | 592.7 | 520.0 |
| 52.5° | 468.0 | 499.0 | 542.4 | 600.9 | 671.8 | 727.5 | 737.8 | 691.4 | 606.9 | 528.4 | 464.0 |
| 55° | 416.6 | 444.9 | 481.5 | 536.5 | 597.8 | 645.1 | 639.6 | 579.8 | 503.1 | 436.0 | 385.4 |
| 57.5° | 366.9 | 388.2 | 422.1 | 473.6 | 527.4 | 559.2 | 539.0 | 488.1 | 416.7 | 361.7 | 319.1 |
| 60° | 334.1 | 353.9 | 385.4 | 430.6 | 477.9 | 495.8 | 478.9 | 423.6 | 367.1 | 316.9 | 280.9 |
| 62.5° | 303.0 | 320.5 | 347.6 | 389.5 | 427.6 | 438.3 | 420.3 | 371.9 | 321.0 | 278.1 | 248.4 |
| 65° | 257.8 | 273.9 | 297.1 | 326.8 | 353.2 | 358.3 | 346.6 | 297.1 | 258.5 | 222.6 | 202.1 |
| 67.5° | 216.8 | 227.3 | 245.4 | 271.1 | 285.1 | 288.1 | 265.4 | 234.3 | 200.4 | 178.3 | 162.9 |
| 70° | 189.3 | 196.5 | 213.4 | 227.3 | 238.7 | 239.1 | 218.2 | 193.2 | 167.2 | 149.3 | 137.9 |
| 72.5° | 162.5 | 169.6 | 182.4 | 191.9 | 200.6 | 197.7 | 178.6 | 158.9 | 137.9 | 124.3 | 115.8 |
| 75° | 125.5 | 131.7 | 138.3 | 142.7 | 142.7 | 139.0 | 125.1 | 110.4 | 98.3 | 90.2 | 87.7 |
| 77.5° | 91.1 | 96.3 | 98.5 | 97.8 | 96.5 | 90.8 | 82.0 | 72.4 | 68.1 | 64.3 | 62.3 |
| 80° | 71.5 | 73.7 | 74.5 | 72.6 | 70.4 | 63.8 | 58.0 | 53.9 | 49.9 | 48.4 | 47.7 |
| 82.5° | 53.1 | 55.0 | 53.1 | 53.5 | 48.7 | 43.3 | 40.1 | 38.6 | 36.9 | 36.4 | 35.6 |
| 85° | 28.3 | 27.9 | 27.1 | 25.3 | 22.0 | 21.3 | 20.9 | 20.5 | 19.8 | 20.2 | 19.4 |
| 87.5° | 10.3 | 9.6 | 8.8 | 8.7 | 9.0 | 8.6 | 9.0 | 9.2 | 9.4 | 9.2 | 10.0 |
| 90° | 2.9 | 4.2 | 5.6 | 6.9 | 8.0 | 9.0 | 9.9 | 10.8 | 11.8 | 12.5 | 13.3 |
| 92.5° | 13.0 | 14.5 | 16.0 | 17.5 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.7 | 22.1 |
| 95° | 33.4 | 34.4 | 35.4 | 36.6 | 37.5 | 38.4 | 39.2 | 40.1 | 40.8 | 41.2 | 41.6 |
| 97.5° | 57.2 | 58.1 | 58.9 | 59.8 | 60.7 | 61.6 | 62.7 | 63.6 | 64.7 | 65.0 | 65.5 |
| 100° | 75.8 | 76.3 | 76.7 | 77.2 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 | 82.5 | 82.8 |
| 102.5° | 95.2 | 95.4 | 95.6 | 95.8 | 96.4 | 97.4 | 98.3 | 99.3 | 100.3 | 100.7 | 100.9 |
| 105° | 125.4 | 125.5 | 125.6 | 125.7 | 126.0 | 126.5 | 127.0 | 127.4 | 127.9 | 128.3 | 128.7 |
| 107.5° | 157.1 | 157.2 | 157.4 | 157.6 | 157.7 | 157.7 | 157.8 | 157.9 | 158.0 | 158.3 | 158.6 |
| 110° | 178.7 | 179.0 | 179.2 | 179.5 | 179.5 | 179.4 | 179.3 | 179.2 | 179.0 | 178.8 | 178.5 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.9 | 201.0 | 201.0 | 201.0 | 201.0 | 200.8 | 200.5 | 200.3 | 200.1 | 200.0 | 200.0 |
| 115° | 234.4 | 234.4 | 234.4 | 234.4 | 234.2 | 234.0 | 233.8 | 233.6 | 233.3 | 233.2 | 233.1 |
| 117.5° | 266.1 | 266.2 | 266.3 | 266.4 | 266.4 | 266.2 | 266.0 | 265.8 | 265.7 | 265.2 | 264.9 |
| 120° | 287.6 | 288.0 | 288.5 | 289.0 | 289.1 | 288.7 | 288.3 | 287.9 | 287.6 | 287.0 | 286.4 |
| 122.5° | 309.2 | 309.3 | 309.5 | 309.7 | 309.8 | 309.6 | 309.4 | 309.2 | 309.2 | 308.7 | 308.3 |
| 125° | 341.4 | 341.4 | 341.4 | 341.4 | 341.3 | 341.2 | 341.1 | 340.9 | 340.8 | 340.5 | 340.4 |
| 127.5° | 371.1 | 371.5 | 371.8 | 372.1 | 372.2 | 372.0 | 371.8 | 371.6 | 371.5 | 371.3 | 371.0 |
| 130° | 391.7 | 392.1 | 392.5 | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 |
| 132.5° | 412.7 | 412.9 | 413.2 | 413.5 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2 | 412.9 | 412.7 |
| 135° | 441.0 | 441.7 | 442.4 | 443.2 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.3 | 443.0 |
| 137.5° | 470.9 | 471.3 | 471.6 | 471.9 | 472.2 | 472.4 | 472.6 | 472.8 | 473.0 | 472.7 | 472.3 |
| 140° | 491.1 | 491.3 | 491.5 | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.6 |
| 142.5° | 509.5 | 509.8 | 510.0 | 510.3 | 510.3 | 510.2 | 510.1 | 510.0 | 509.9 | 509.9 | 509.9 |
| 145° | 535.4 | 535.8 | 536.3 | 536.8 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 | 537.3 |
| 147.5° | 560.8 | 561.4 | 561.9 | 562.6 | 562.8 | 562.7 | 562.6 | 562.5 | 562.4 | 562.3 | 562.2 |
| 150° | 576.3 | 576.7 | 577.2 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 590.7 | 591.0 | 591.3 | 591.5 | 591.7 | 591.8 | 591.9 | 592.0 | 592.1 | 592.4 | 592.7 |
| 155° | 612.8 | 612.8 | 612.8 | 612.8 | 612.7 | 612.7 | 612.6 | 612.5 | 612.3 | 612.7 | 613.2 |
| 157.5° | 631.5 | 631.3 | 631.1 | 630.9 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 631.0 | 631.4 |
| 160° | 642.8 | 642.7 | 642.6 | 642.4 | 642.3 | 642.2 | 642.2 | 642.0 | 641.9 | 642.2 | 642.6 |
| 162.5° | 653.0 | 652.6 | 652.3 | 652.1 | 651.8 | 651.7 | 651.6 | 651.5 | 651.3 | 652.0 | 652.6 |
| 165° | 666.8 | 666.4 | 666.1 | 665.7 | 665.4 | 665.2 | 665.0 | 664.7 | 664.5 | 665.2 | 665.9 |
| 167.5° | 677.3 | 676.7 | 676.3 | 675.8 | 675.5 | 675.5 | 675.6 | 675.6 | 675.6 | 676.4 | 677.0 |
| 170° | 683.2 | 682.6 | 682.0 | 681.4 | 681.2 | 681.3 | 681.4 | 681.6 | 681.6 | 682.4 | 683.1 |
| 172.5° | 687.6 | 687.1 | 686.6 | 686.1 | 685.9 | 685.9 | 685.9 | 685.9 | 686.0 | 686.7 | 687.6 |
| 175° | 693.4 | 692.9 | 692.2 | 691.6 | 691.3 | 691.2 | 691.1 | 690.9 | 690.8 | 691.6 | 692.5 |
| 177.5° | 695.5 | 695.0 | 694.6 | 694.0 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.5 | 695.1 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 | 910.2 |
| 2.5° | 954.8 | 956.0 | 956.9 | 959.8 | 960.1 | 962.7 | 960.1 |
| 5° | 1033.8 | 1039.0 | 1047.0 | 1055.1 | 1055.8 | 1060.9 | 1051.8 |
| 7.5° | 1122.4 | 1134.3 | 1141.7 | 1154.7 | 1159.9 | 1163.1 | 1157.8 |
| 10° | 1183.5 | 1194.4 | 1213.9 | 1223.4 | 1232.9 | 1234.4 | 1230.0 |
| 12.5° | 1242.4 | 1259.8 | 1275.2 | 1293.3 | 1292.8 | 1305.7 | 1301.0 |
| 15° | 1321.0 | 1338.9 | 1360.2 | 1380.4 | 1387.7 | 1387.7 | 1393.5 |
| 17.5° | 1377.0 | 1409.9 | 1431.9 | 1447.7 | 1465.1 | 1468.1 | 1466.0 |
| 20° | 1414.9 | 1450.4 | 1473.9 | 1494.4 | 1506.2 | 1509.5 | 1509.5 |
| 22.5° | 1443.0 | 1473.3 | 1496.2 | 1514.7 | 1524.4 | 1528.2 | 1527.0 |
| 25° | 1462.5 | 1488.6 | 1502.5 | 1508.0 | 1510.5 | 1509.8 | 1502.9 |
| 27.5° | 1435.8 | 1434.6 | 1425.8 | 1408.9 | 1396.3 | 1388.6 | 1379.8 |
| 30° | 1384.8 | 1365.6 | 1343.7 | 1319.5 | 1288.3 | 1264.4 | 1257.2 |
| 32.5° | 1308.8 | 1265.9 | 1228.7 | 1188.4 | 1154.8 | 1131.0 | 1121.0 |
| 35° | 1161.8 | 1093.9 | 1038.6 | 990.1 | 955.0 | 932.9 | 925.6 |
| 37.5° | 987.4 | 921.7 | 853.2 | 806.3 | 777.0 | 754.8 | 746.5 |
| 40° | 876.5 | 804.9 | 745.2 | 701.2 | 671.1 | 649.5 | 649.1 |
| 42.5° | 775.2 | 707.0 | 650.7 | 619.1 | 586.6 | 572.3 | 572.2 |
| 45° | 634.8 | 580.1 | 532.4 | 507.6 | 488.1 | 476.4 | 473.1 |
| 47.5° | 525.6 | 480.4 | 448.7 | 428.8 | 412.9 | 405.5 | 400.6 |
| 50° | 464.3 | 424.7 | 399.4 | 382.1 | 373.3 | 363.8 | 363.1 |
| 52.5° | 413.2 | 381.3 | 361.6 | 347.5 | 336.4 | 330.6 | 330.8 |
| 55° | 347.3 | 322.0 | 308.0 | 297.4 | 288.6 | 284.2 | 282.4 |
| 57.5° | 292.6 | 273.6 | 263.4 | 253.7 | 250.0 | 246.5 | 245.5 |
| 60° | 258.5 | 245.7 | 236.2 | 228.5 | 223.0 | 221.9 | 221.5 |
| 62.5° | 230.4 | 217.0 | 210.4 | 204.4 | 200.4 | 198.7 | 198.0 |
| 65° | 189.9 | 180.0 | 174.2 | 169.5 | 168.0 | 165.4 | 165.0 |
| 67.5° | 153.2 | 147.2 | 143.4 | 140.1 | 138.0 | 137.9 | 137.9 |
| 70° | 130.5 | 127.2 | 123.9 | 122.2 | 121.0 | 120.3 | 120.3 |
| 72.5° | 111.2 | 108.8 | 106.0 | 105.1 | 104.9 | 104.2 | 103.9 |
| 75° | 84.7 | 82.2 | 82.5 | 80.7 | 79.2 | 77.4 | 76.3 |
| 77.5° | 60.0 | 58.2 | 57.9 | 57.7 | 56.4 | 56.2 | 56.7 |
| 80° | 46.6 | 44.8 | 44.4 | 44.8 | 44.4 | 43.3 | 43.3 |
| 82.5° | 35.4 | 33.9 | 33.6 | 33.3 | 32.9 | 33.3 | 32.7 |
| 85° | 19.0 | 18.4 | 18.4 | 18.4 | 19.0 | 18.7 | 18.4 |
| 87.5° | 9.5 | 9.4 | 9.8 | 9.5 | 9.6 | 9.3 | 9.7 |
| 90° | 13.9 | 14.7 | 15.2 | 15.5 | 15.6 | 15.9 | 16.1 |
| 92.5° | 22.6 | 23.0 | 23.3 | 23.5 | 23.6 | 23.8 | 23.8 |
| 95° | 41.9 | 42.3 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| 97.5° | 65.9 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 100° | 82.9 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 102.5° | 101.3 | 101.6 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 |
| 105° | 129.0 | 129.4 | 129.7 | 130.1 | 130.4 | 130.8 | 131.2 |
| 107.5° | 158.9 | 159.3 | 159.5 | 159.4 | 159.4 | 159.4 | 159.4 |
| 110° | 178.3 | 178.0 | 178.1 | 178.5 | 178.8 | 179.2 | 179.6 |



TEST NUMBER: P332902-830

CATALOG NUMBER: S124RDIP-S575D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 199.9 | 199.9 | 199.9 | 200.0 | 200.0 | 200.1 | 200.2 |
| 115° | 233.0 | 232.8 | 232.7 | 232.6 | 232.4 | 232.3 | 232.2 |
| 117.5° | 264.5 | 264.0 | 263.7 | 263.4 | 263.3 | 263.0 | 262.8 |
| 120° | 285.8 | 285.2 | 285.0 | 285.3 | 285.5 | 285.8 | 286.0 |
| 122.5° | 307.9 | 307.5 | 307.1 | 306.6 | 306.2 | 305.8 | 305.4 |
| 125° | 340.1 | 339.9 | 339.6 | 339.4 | 339.1 | 338.9 | 338.7 |
| 127.5° | 370.8 | 370.5 | 370.3 | 370.1 | 369.9 | 369.8 | 369.6 |
| 130° | 392.3 | 392.0 | 391.6 | 391.2 | 390.7 | 390.2 | 389.7 |
| 132.5° | 412.5 | 412.3 | 412.0 | 411.8 | 411.6 | 411.4 | 411.2 |
| 135° | 442.8 | 442.5 | 442.2 | 441.9 | 441.5 | 441.2 | 440.8 |
| 137.5° | 472.0 | 471.7 | 471.6 | 471.6 | 471.7 | 471.8 | 471.9 |
| 140° | 491.5 | 491.4 | 491.3 | 491.2 | 491.1 | 491.0 | 490.8 |
| 142.5° | 509.9 | 509.8 | 509.8 | 509.8 | 509.8 | 509.7 | 509.7 |
| 145° | 537.2 | 537.1 | 536.9 | 536.5 | 536.1 | 535.7 | 535.5 |
| 147.5° | 562.1 | 562.0 | 561.9 | 561.8 | 561.7 | 561.6 | 561.5 |
| 150° | 577.9 | 577.9 | 577.9 | 577.7 | 577.6 | 577.5 | 577.4 |
| 152.5° | 593.0 | 593.2 | 593.2 | 593.0 | 592.6 | 592.3 | 592.0 |
| 155° | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 | 612.7 | 612.3 |
| 157.5° | 631.8 | 632.2 | 632.1 | 631.7 | 631.3 | 630.8 | 630.5 |
| 160° | 642.9 | 643.3 | 643.2 | 642.6 | 642.0 | 641.4 | 640.8 |
| 162.5° | 653.3 | 653.9 | 653.9 | 653.4 | 652.7 | 652.1 | 651.6 |
| 165° | 666.6 | 667.3 | 667.4 | 666.9 | 666.5 | 666.0 | 665.5 |
| 167.5° | 677.8 | 678.5 | 678.4 | 677.8 | 677.0 | 676.3 | 675.5 |
| 170° | 683.8 | 684.5 | 684.5 | 683.6 | 682.8 | 681.9 | 681.1 |
| 172.5° | 688.4 | 689.2 | 689.2 | 688.3 | 687.5 | 686.6 | 685.9 |
| 175° | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 | 691.6 | 690.8 |
| 177.5° | 695.8 | 696.4 | 696.4 | 695.7 | 694.9 | 694.1 | 693.3 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |

(END OF REPORT)