

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: P332908

Luminaire Tested: **S124RDIP-S575D810U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332908
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-S575D810U835-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5248.6 lumens
Efficiency: N/A
Efficacy: 136.7 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

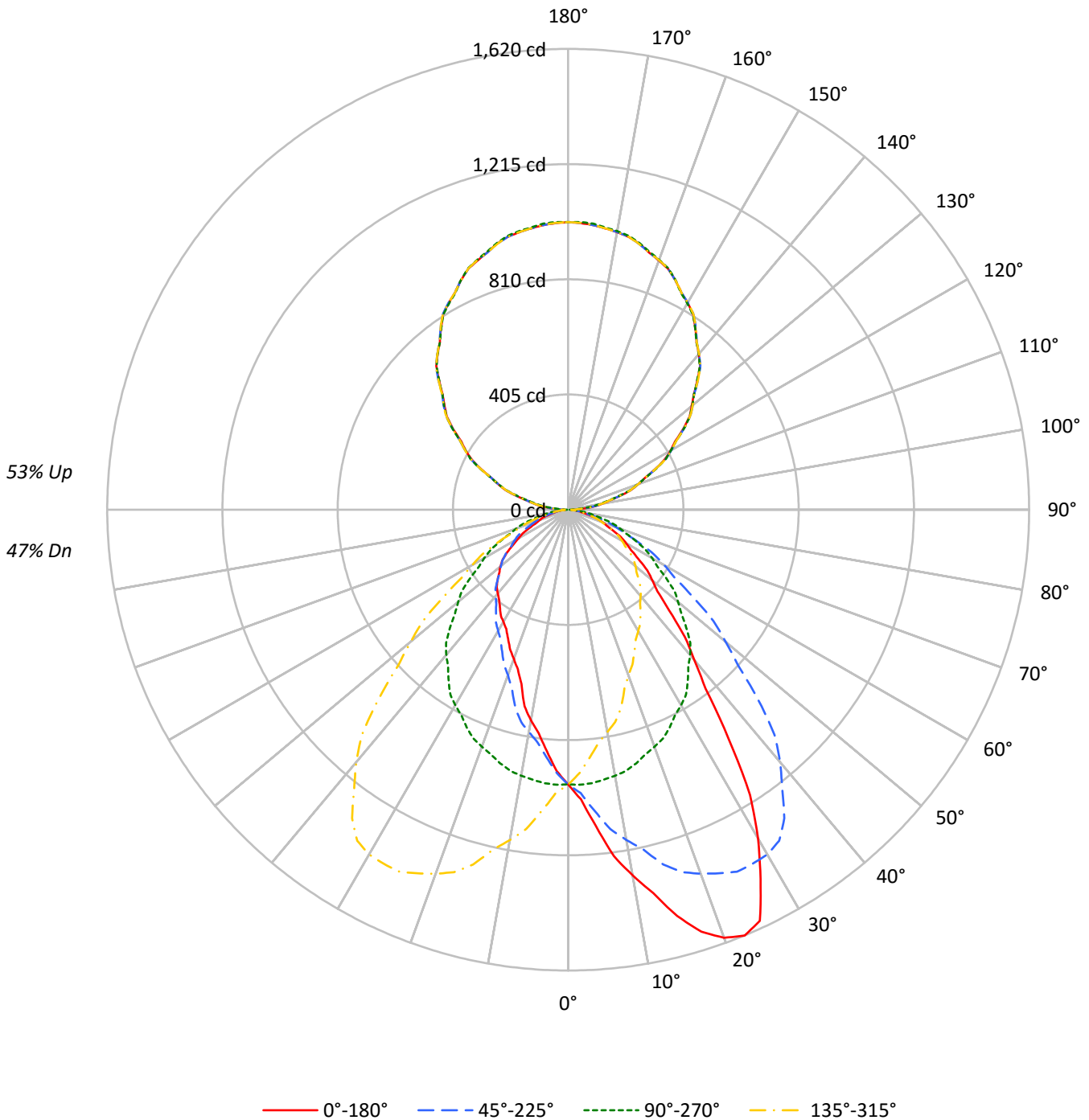
Input Watts (W): 38.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 98 | 98 | 98 | 98 | 81 | 81 | 81 | 67 | 67 | 67 | 53 | 53 | 53 | 47 | | | | 47 |
| 1 | 97 | 93 | 90 | 86 | 89 | 86 | 83 | 80 | 72 | 70 | 68 | 59 | 58 | 56 | 47 | 46 | 46 | 40 | | | | 40 |
| 2 | 89 | 82 | 76 | 71 | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 42 | 41 | 39 | 34 | | | | 34 |
| 3 | 81 | 72 | 65 | 60 | 75 | 67 | 61 | 56 | 56 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 29 | | | | 29 |
| 4 | 75 | 64 | 57 | 51 | 68 | 59 | 53 | 48 | 50 | 45 | 41 | 42 | 38 | 35 | 34 | 31 | 29 | 26 | | | | 26 |
| 5 | 69 | 57 | 50 | 44 | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 22 | | | | 22 |
| 6 | 63 | 52 | 44 | 38 | 58 | 48 | 41 | 36 | 41 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 23 | 20 | | | | 20 |
| 7 | 59 | 47 | 39 | 33 | 54 | 43 | 36 | 32 | 37 | 32 | 28 | 31 | 27 | 24 | 26 | 23 | 20 | 18 | | | | 18 |
| 8 | 54 | 42 | 35 | 30 | 50 | 39 | 33 | 28 | 34 | 29 | 25 | 29 | 24 | 22 | 24 | 21 | 18 | 16 | | | | 16 |
| 9 | 51 | 39 | 31 | 26 | 47 | 36 | 30 | 25 | 31 | 26 | 22 | 26 | 22 | 19 | 22 | 19 | 17 | 14 | | | | 14 |
| 10 | 47 | 36 | 28 | 24 | 44 | 33 | 27 | 22 | 29 | 24 | 20 | 24 | 20 | 18 | 20 | 17 | 15 | 13 | | | | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7796 | 7796 | 7796 | 7796 |
| 5° | 9043 | 7819 | 6912 | 7819 |
| 10° | 10698 | 7785 | 6169 | 7785 |
| 15° | 12357 | 7713 | 5300 | 7713 |
| 20° | 13759 | 7614 | 4793 | 7614 |
| 25° | 14203 | 7517 | 4450 | 7517 |
| 30° | 12433 | 7399 | 4243 | 7399 |
| 35° | 9678 | 7224 | 4119 | 7224 |
| 40° | 7258 | 7024 | 4051 | 7024 |
| 45° | 5730 | 6703 | 4015 | 6703 |
| 50° | 4838 | 6332 | 3900 | 6332 |
| 55° | 4217 | 5925 | 3690 | 5925 |
| 60° | 3794 | 5503 | 3266 | 5503 |
| 65° | 3345 | 5047 | 2810 | 5047 |
| 70° | 3012 | 4574 | 2535 | 4574 |
| 75° | 2523 | 4055 | 2162 | 4055 |
| 80° | 2134 | 3454 | 2027 | 3454 |
| 85° | 1806 | 2705 | 1806 | 2705 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 93.6 | 1.8 |
| 10°-20° | 282.2 | 5.4 |
| 20°-30° | 441.5 | 8.4 |
| 30°-40° | 490.8 | 9.4 |
| 40°-50° | 435.4 | 8.3 |
| 50°-60° | 339.3 | 6.5 |
| 60°-70° | 222.1 | 4.2 |
| 70°-80° | 109.2 | 2.1 |
| 80°-90° | 30.0 | 0.6 |
| 90°-100° | 66.7 | 1.3 |
| 100°-110° | 197.5 | 3.8 |
| 110°-120° | 335.2 | 6.4 |
| 120°-130° | 442.0 | 8.4 |
| 130°-140° | 496.4 | 9.5 |
| 140°-150° | 487.8 | 9.3 |
| 150°-160° | 410.3 | 7.8 |
| 160°-170° | 273.0 | 5.2 |
| 170°-180° | 95.6 | 1.8 |
| 0°-30° | 817.3 | 15.6 |
| 0°-40° | 1308.0 | 24.9 |
| 0°-60° | 2082.7 | 39.7 |
| 0°-90° | 2444.1 | 46.6 |
| 90°-120° | 599.4 | 11.4 |
| 90°-150° | 2025.7 | 38.6 |
| 90°-180° | 2805.0 | 53.4 |
| 0°-180° | 5248.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 966 | 966 | 966 | 966 | 966 | |
| 5° | 1116 | 965 | 853 | 965 | 1116 | 113 |
| 15° | 1478 | 923 | 634 | 923 | 1478 | 420 |
| 25° | 1594 | 844 | 500 | 844 | 1594 | 707 |
| 35° | 982 | 733 | 418 | 733 | 982 | 616 |
| 45° | 502 | 587 | 352 | 587 | 502 | 397 |
| 55° | 300 | 421 | 262 | 421 | 300 | 273 |
| 65° | 175 | 264 | 147 | 264 | 175 | 176 |
| 75° | 81 | 130 | 69 | 130 | 81 | 89 |
| 85° | 20 | 29 | 20 | 29 | 20 | 23 |
| 90° | 24 | 2 | 24 | 2 | 24 | 13 |
| 95° | 62 | 47 | 62 | 47 | 62 | 64 |
| 105° | 191 | 182 | 191 | 182 | 191 | 201 |
| 115° | 338 | 341 | 338 | 341 | 338 | 334 |
| 125° | 492 | 496 | 492 | 496 | 492 | 439 |
| 135° | 641 | 640 | 641 | 640 | 641 | 495 |
| 145° | 779 | 778 | 779 | 778 | 779 | 487 |
| 155° | 890 | 891 | 890 | 891 | 890 | 410 |
| 165° | 968 | 970 | 968 | 970 | 968 | 273 |
| 175° | 1005 | 1009 | 1005 | 1009 | 1005 | 95 |
| 180° | 1011 | 1011 | 1011 | 1011 | 1011 | |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 1018.6 | 1021.4 | 1018.6 | 1018.3 | 1015.2 | 1014.3 | 1013.0 | 1009.0 | 1001.5 | 997.1 | 998.1 |
| 5° | 1115.9 | 1125.6 | 1120.2 | 1119.4 | 1110.8 | 1102.3 | 1096.8 | 1084.4 | 1071.1 | 1062.2 | 1054.8 |
| 7.5° | 1228.4 | 1234.0 | 1230.6 | 1225.1 | 1211.3 | 1203.4 | 1190.8 | 1174.4 | 1150.7 | 1132.5 | 1116.0 |
| 10° | 1305.0 | 1309.6 | 1308.1 | 1298.0 | 1287.9 | 1267.2 | 1255.6 | 1232.6 | 1202.6 | 1178.9 | 1156.7 |
| 12.5° | 1380.3 | 1385.3 | 1371.6 | 1372.1 | 1352.9 | 1336.6 | 1318.1 | 1289.3 | 1254.6 | 1224.0 | 1196.3 |
| 15° | 1478.5 | 1472.3 | 1472.3 | 1464.5 | 1443.1 | 1420.5 | 1401.5 | 1371.1 | 1327.5 | 1291.0 | 1252.5 |
| 17.5° | 1555.4 | 1557.6 | 1554.4 | 1536.0 | 1519.2 | 1495.9 | 1460.9 | 1425.5 | 1385.0 | 1335.9 | 1296.6 |
| 20° | 1601.5 | 1601.5 | 1598.0 | 1585.5 | 1563.7 | 1538.8 | 1501.1 | 1462.6 | 1411.2 | 1361.8 | 1317.4 |
| 22.5° | 1620.1 | 1621.4 | 1617.3 | 1607.0 | 1587.4 | 1563.1 | 1531.0 | 1491.8 | 1438.9 | 1383.3 | 1328.3 |
| 25° | 1594.5 | 1601.8 | 1602.6 | 1599.9 | 1594.1 | 1579.3 | 1551.7 | 1511.6 | 1464.1 | 1403.8 | 1344.7 |
| 27.5° | 1463.9 | 1473.2 | 1481.4 | 1494.8 | 1512.7 | 1522.1 | 1523.3 | 1502.9 | 1461.5 | 1403.5 | 1344.0 |
| 30° | 1333.8 | 1341.5 | 1366.8 | 1399.9 | 1425.6 | 1448.9 | 1469.2 | 1474.6 | 1451.3 | 1399.1 | 1336.5 |
| 32.5° | 1189.3 | 1199.9 | 1225.2 | 1260.8 | 1303.6 | 1343.1 | 1388.6 | 1411.7 | 1411.1 | 1379.8 | 1321.9 |
| 35° | 982.0 | 989.8 | 1013.2 | 1050.5 | 1101.9 | 1160.6 | 1232.6 | 1288.6 | 1326.8 | 1324.0 | 1288.6 |
| 37.5° | 792.0 | 800.8 | 824.4 | 855.4 | 905.2 | 977.9 | 1047.6 | 1124.8 | 1195.3 | 1234.9 | 1223.0 |
| 40° | 688.7 | 689.1 | 712.0 | 743.9 | 790.6 | 854.0 | 929.9 | 1015.5 | 1094.1 | 1158.3 | 1170.7 |
| 42.5° | 607.1 | 607.2 | 622.4 | 656.8 | 690.4 | 750.1 | 822.5 | 907.5 | 999.5 | 1073.6 | 1106.6 |
| 45° | 501.9 | 505.4 | 517.9 | 538.5 | 564.9 | 615.5 | 673.5 | 752.5 | 855.6 | 943.5 | 998.4 |
| 47.5° | 425.0 | 430.2 | 438.1 | 454.9 | 476.0 | 509.7 | 557.6 | 628.6 | 712.5 | 809.2 | 887.3 |
| 50° | 385.2 | 386.0 | 396.1 | 405.4 | 423.7 | 450.6 | 492.6 | 551.7 | 628.8 | 721.7 | 808.5 |
| 52.5° | 351.0 | 350.8 | 356.9 | 368.7 | 383.6 | 404.5 | 438.4 | 492.3 | 560.6 | 643.9 | 733.5 |
| 55° | 299.6 | 301.5 | 306.2 | 315.5 | 326.8 | 341.6 | 368.5 | 408.9 | 462.6 | 533.8 | 615.1 |
| 57.5° | 260.5 | 261.5 | 265.2 | 269.2 | 279.5 | 290.3 | 310.4 | 338.5 | 383.8 | 442.1 | 517.9 |
| 60° | 235.0 | 235.4 | 236.6 | 242.4 | 250.6 | 260.7 | 274.3 | 298.0 | 336.2 | 389.5 | 449.4 |
| 62.5° | 210.1 | 210.8 | 212.6 | 216.9 | 223.2 | 230.2 | 244.4 | 263.5 | 295.1 | 340.6 | 394.6 |
| 65° | 175.1 | 175.5 | 178.2 | 179.8 | 184.8 | 191.0 | 201.5 | 214.4 | 236.2 | 274.3 | 315.2 |
| 67.5° | 146.3 | 146.3 | 146.4 | 148.6 | 152.1 | 156.2 | 162.5 | 172.8 | 189.2 | 212.6 | 248.6 |
| 70° | 127.6 | 127.6 | 128.4 | 129.6 | 131.5 | 135.0 | 138.5 | 146.3 | 158.4 | 177.4 | 205.0 |
| 72.5° | 110.2 | 110.5 | 111.3 | 111.5 | 112.5 | 115.4 | 118.0 | 122.9 | 131.9 | 146.3 | 168.6 |
| 75° | 80.9 | 82.1 | 84.0 | 85.6 | 87.5 | 87.2 | 89.9 | 93.0 | 95.7 | 104.3 | 117.1 |
| 77.5° | 60.2 | 59.6 | 59.8 | 61.2 | 61.4 | 61.8 | 63.7 | 66.1 | 68.2 | 72.2 | 76.8 |
| 80° | 45.9 | 45.9 | 47.1 | 47.5 | 47.1 | 47.5 | 49.4 | 50.6 | 51.4 | 52.9 | 57.2 |
| 82.5° | 34.7 | 35.3 | 34.9 | 35.3 | 35.6 | 36.0 | 37.6 | 37.8 | 38.6 | 39.2 | 41.0 |
| 85° | 19.5 | 19.8 | 20.2 | 19.5 | 19.5 | 19.5 | 20.2 | 20.6 | 21.4 | 21.0 | 21.8 |
| 87.5° | 11.5 | 11.2 | 11.4 | 11.3 | 11.6 | 11.1 | 11.2 | 11.6 | 10.8 | 10.9 | 10.6 |
| 90° | 23.5 | 23.1 | 22.8 | 22.4 | 22.1 | 21.4 | 20.3 | 19.3 | 18.2 | 17.2 | 15.8 |
| 92.5° | 34.7 | 34.5 | 34.3 | 34.1 | 33.9 | 33.5 | 32.8 | 32.2 | 31.6 | 31.0 | 30.0 |
| 95° | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.5 | 61.0 | 60.5 | 59.9 | 59.4 | 58.2 |
| 97.5° | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.5 | 95.8 | 95.2 | 94.6 | 94.0 | 92.5 |
| 100° | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 121.0 | 120.7 | 120.3 | 120.0 | 119.6 | 118.0 |
| 102.5° | 148.7 | 148.6 | 148.4 | 148.3 | 148.1 | 147.8 | 147.3 | 146.9 | 146.4 | 145.9 | 144.5 |
| 105° | 190.8 | 190.2 | 189.7 | 189.2 | 188.7 | 188.1 | 187.6 | 187.1 | 186.6 | 186.1 | 185.4 |
| 107.5° | 231.7 | 231.8 | 231.8 | 231.8 | 231.9 | 231.6 | 231.1 | 230.7 | 230.2 | 229.7 | 229.6 |
| 110° | 261.1 | 260.6 | 260.1 | 259.6 | 259.0 | 258.9 | 259.3 | 259.6 | 260.0 | 260.3 | 260.5 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 291.1 | 291.0 | 290.9 | 290.8 | 290.7 | 290.7 | 290.8 | 290.8 | 290.9 | 291.0 | 291.3 |
| 115° | 337.7 | 337.9 | 338.1 | 338.3 | 338.4 | 338.6 | 338.8 | 338.9 | 339.1 | 339.3 | 339.6 |
| 117.5° | 382.1 | 382.5 | 382.8 | 383.2 | 383.5 | 384.0 | 384.6 | 385.2 | 385.8 | 386.4 | 386.6 |
| 120° | 415.9 | 415.6 | 415.2 | 414.9 | 414.5 | 414.8 | 415.6 | 416.5 | 417.4 | 418.3 | 418.8 |
| 122.5° | 444.1 | 444.7 | 445.3 | 445.9 | 446.6 | 447.2 | 447.8 | 448.3 | 448.9 | 449.5 | 449.8 |
| 125° | 492.5 | 492.9 | 493.2 | 493.6 | 493.9 | 494.3 | 494.6 | 495.0 | 495.3 | 495.7 | 495.8 |
| 127.5° | 537.4 | 537.7 | 538.0 | 538.2 | 538.5 | 538.8 | 539.2 | 539.5 | 539.9 | 540.2 | 540.5 |
| 130° | 566.8 | 567.5 | 568.2 | 568.9 | 569.6 | 570.1 | 570.4 | 570.8 | 571.1 | 571.5 | 571.5 |
| 132.5° | 598.1 | 598.3 | 598.6 | 598.9 | 599.2 | 599.5 | 599.8 | 600.2 | 600.5 | 600.9 | 601.0 |
| 135° | 641.1 | 641.6 | 642.1 | 642.6 | 643.1 | 643.6 | 643.9 | 644.3 | 644.6 | 645.0 | 645.0 |
| 137.5° | 686.3 | 686.1 | 686.0 | 685.9 | 685.8 | 686.0 | 686.5 | 686.9 | 687.4 | 687.8 | 687.5 |
| 140° | 713.8 | 713.9 | 714.1 | 714.3 | 714.5 | 714.6 | 714.8 | 715.0 | 715.2 | 715.3 | 715.3 |
| 142.5° | 741.3 | 741.3 | 741.4 | 741.4 | 741.4 | 741.5 | 741.5 | 741.5 | 741.6 | 741.6 | 741.7 |
| 145° | 778.7 | 779.2 | 779.7 | 780.2 | 780.7 | 781.1 | 781.3 | 781.4 | 781.6 | 781.8 | 781.6 |
| 147.5° | 816.5 | 816.7 | 816.8 | 817.0 | 817.2 | 817.3 | 817.5 | 817.6 | 817.8 | 817.9 | 818.0 |
| 150° | 839.6 | 839.8 | 840.0 | 840.2 | 840.3 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 |
| 152.5° | 860.9 | 861.4 | 861.8 | 862.3 | 862.7 | 862.7 | 862.3 | 861.9 | 861.5 | 861.1 | 860.9 |
| 155° | 890.5 | 891.1 | 891.8 | 892.5 | 893.2 | 893.2 | 892.5 | 891.8 | 891.1 | 890.5 | 890.6 |
| 157.5° | 916.9 | 917.5 | 918.1 | 918.7 | 919.2 | 919.3 | 918.8 | 918.2 | 917.7 | 917.2 | 917.2 |
| 160° | 931.9 | 932.8 | 933.6 | 934.5 | 935.4 | 935.5 | 935.0 | 934.5 | 934.0 | 933.5 | 933.6 |
| 162.5° | 947.5 | 948.4 | 949.3 | 950.1 | 951.0 | 951.0 | 950.0 | 949.1 | 948.2 | 947.2 | 947.4 |
| 165° | 967.9 | 968.5 | 969.2 | 969.9 | 970.6 | 970.5 | 969.4 | 968.4 | 967.3 | 966.3 | 966.6 |
| 167.5° | 982.4 | 983.5 | 984.5 | 985.6 | 986.7 | 986.7 | 985.7 | 984.6 | 983.6 | 982.5 | 982.5 |
| 170° | 990.5 | 991.7 | 993.0 | 994.2 | 995.4 | 995.5 | 994.4 | 993.4 | 992.3 | 991.3 | 991.1 |
| 172.5° | 997.4 | 998.6 | 999.8 | 1001.1 | 1002.3 | 1002.3 | 1001.1 | 999.9 | 998.7 | 997.6 | 997.5 |
| 175° | 1004.6 | 1005.8 | 1007.0 | 1008.2 | 1009.5 | 1009.5 | 1008.2 | 1007.0 | 1005.8 | 1004.6 | 1004.8 |
| 177.5° | 1008.3 | 1009.5 | 1010.6 | 1011.7 | 1012.8 | 1012.9 | 1011.9 | 1010.9 | 1009.9 | 1009.0 | 1009.0 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 995.0 | 990.6 | 988.4 | 983.4 | 977.5 | 974.4 | 971.6 | 967.6 | 962.3 | 956.7 | 952.6 |
| 5° | 1045.5 | 1036.1 | 1024.4 | 1010.4 | 998.0 | 985.9 | 975.4 | 964.9 | 952.9 | 940.4 | 928.0 |
| 7.5° | 1097.3 | 1078.9 | 1059.1 | 1036.1 | 1013.8 | 993.5 | 974.8 | 956.9 | 936.7 | 918.5 | 902.0 |
| 10° | 1133.4 | 1108.5 | 1080.9 | 1051.7 | 1022.5 | 997.2 | 972.3 | 949.7 | 924.8 | 902.7 | 884.0 |
| 12.5° | 1162.7 | 1133.4 | 1100.2 | 1063.8 | 1028.7 | 998.1 | 969.5 | 940.1 | 911.8 | 887.7 | 862.8 |
| 15° | 1211.2 | 1171.1 | 1126.4 | 1082.8 | 1037.3 | 995.7 | 957.1 | 922.9 | 890.6 | 856.8 | 833.0 |
| 17.5° | 1244.6 | 1197.0 | 1142.7 | 1090.3 | 1036.5 | 987.4 | 943.0 | 902.2 | 864.9 | 830.4 | 802.1 |
| 20° | 1264.5 | 1212.0 | 1151.7 | 1092.1 | 1031.8 | 979.3 | 931.5 | 886.3 | 847.8 | 810.5 | 781.3 |
| 22.5° | 1275.7 | 1217.6 | 1151.7 | 1089.3 | 1026.9 | 970.0 | 917.5 | 870.5 | 828.5 | 791.2 | 758.9 |
| 25° | 1279.3 | 1217.0 | 1149.7 | 1078.1 | 1009.7 | 949.4 | 894.9 | 843.9 | 797.2 | 759.9 | 725.6 |
| 27.5° | 1274.3 | 1201.0 | 1132.1 | 1058.6 | 988.0 | 924.4 | 867.2 | 813.6 | 766.9 | 726.8 | 691.7 |
| 30° | 1266.8 | 1188.3 | 1114.3 | 1038.1 | 966.5 | 905.4 | 845.1 | 793.7 | 745.1 | 703.5 | 668.1 |
| 32.5° | 1250.7 | 1172.7 | 1093.2 | 1015.0 | 942.5 | 879.6 | 822.4 | 770.7 | 723.0 | 680.4 | 642.8 |
| 35° | 1218.6 | 1139.6 | 1053.2 | 973.1 | 901.9 | 836.5 | 782.8 | 733.0 | 687.5 | 642.0 | 602.3 |
| 37.5° | 1176.3 | 1095.7 | 1009.7 | 922.0 | 850.7 | 789.0 | 739.7 | 693.0 | 648.5 | 607.0 | 563.0 |
| 40° | 1136.5 | 1063.0 | 974.3 | 887.1 | 814.0 | 754.4 | 708.9 | 666.5 | 621.8 | 580.5 | 536.5 |
| 42.5° | 1088.3 | 1025.6 | 936.0 | 848.5 | 776.3 | 718.9 | 676.5 | 635.1 | 594.4 | 554.4 | 508.5 |
| 45° | 1007.7 | 960.3 | 876.2 | 792.2 | 719.4 | 662.6 | 623.7 | 587.1 | 551.3 | 513.2 | 470.0 |
| 47.5° | 915.4 | 883.3 | 810.8 | 724.7 | 657.4 | 606.3 | 568.7 | 538.8 | 508.5 | 470.4 | 432.5 |
| 50° | 851.3 | 830.7 | 760.7 | 682.1 | 617.9 | 570.8 | 532.3 | 504.2 | 479.0 | 442.4 | 408.5 |
| 52.5° | 782.8 | 771.9 | 712.7 | 637.5 | 575.5 | 529.4 | 496.5 | 471.3 | 445.7 | 415.3 | 383.6 |
| 55° | 678.6 | 684.4 | 634.2 | 569.2 | 510.9 | 472.0 | 442.0 | 421.0 | 399.2 | 373.5 | 349.0 |
| 57.5° | 571.9 | 593.3 | 559.6 | 502.5 | 447.8 | 411.9 | 389.3 | 371.6 | 353.4 | 332.0 | 311.1 |
| 60° | 508.1 | 526.0 | 507.0 | 456.8 | 408.9 | 375.5 | 354.5 | 340.8 | 322.5 | 303.1 | 287.1 |
| 62.5° | 445.9 | 465.0 | 453.7 | 413.2 | 368.8 | 340.0 | 321.5 | 308.8 | 295.2 | 278.2 | 261.6 |
| 65° | 367.7 | 380.1 | 374.7 | 346.7 | 315.2 | 290.6 | 273.5 | 264.2 | 251.7 | 239.3 | 224.5 |
| 67.5° | 281.6 | 305.7 | 302.5 | 287.6 | 260.4 | 241.2 | 230.0 | 221.8 | 210.4 | 201.2 | 191.1 |
| 70° | 231.5 | 253.7 | 253.3 | 241.2 | 226.4 | 208.5 | 200.8 | 193.8 | 183.6 | 174.7 | 166.5 |
| 72.5° | 189.5 | 209.8 | 212.8 | 203.6 | 193.5 | 179.9 | 172.4 | 167.6 | 157.8 | 151.7 | 145.0 |
| 75° | 132.7 | 147.5 | 151.4 | 151.4 | 146.7 | 139.7 | 133.1 | 130.0 | 122.9 | 117.5 | 113.6 |
| 77.5° | 87.0 | 96.3 | 102.4 | 103.8 | 104.5 | 102.2 | 96.7 | 94.5 | 89.2 | 87.2 | 83.5 |
| 80° | 61.5 | 67.7 | 74.7 | 77.0 | 79.0 | 78.2 | 75.9 | 74.3 | 69.3 | 67.3 | 65.8 |
| 82.5° | 42.5 | 45.9 | 51.7 | 56.8 | 56.3 | 58.3 | 56.3 | 55.0 | 51.2 | 50.5 | 48.9 |
| 85° | 22.2 | 22.6 | 23.3 | 26.8 | 28.8 | 29.6 | 30.0 | 29.2 | 28.0 | 28.0 | 25.3 |
| 87.5° | 10.4 | 9.8 | 10.1 | 9.8 | 9.7 | 10.6 | 11.1 | 11.1 | 10.5 | 9.9 | 9.4 |
| 90° | 14.4 | 13.0 | 11.6 | 10.0 | 8.1 | 6.2 | 4.3 | 2.3 | 4.3 | 6.2 | 8.1 |
| 92.5° | 29.0 | 28.0 | 27.1 | 25.5 | 23.3 | 21.1 | 18.9 | 16.7 | 18.9 | 21.1 | 23.3 |
| 95° | 57.0 | 55.8 | 54.6 | 53.2 | 51.6 | 50.0 | 48.5 | 46.9 | 48.5 | 50.0 | 51.6 |
| 97.5° | 91.1 | 89.7 | 88.3 | 86.9 | 85.7 | 84.4 | 83.2 | 81.9 | 83.2 | 84.4 | 85.7 |
| 100° | 116.5 | 114.9 | 113.4 | 112.2 | 111.5 | 110.8 | 110.1 | 109.5 | 110.1 | 110.8 | 111.5 |
| 102.5° | 143.0 | 141.6 | 140.2 | 139.3 | 139.1 | 138.8 | 138.5 | 138.2 | 138.5 | 138.8 | 139.1 |
| 105° | 184.7 | 184.0 | 183.3 | 182.9 | 182.7 | 182.5 | 182.3 | 182.2 | 182.3 | 182.5 | 182.7 |
| 107.5° | 229.5 | 229.4 | 229.3 | 229.1 | 228.9 | 228.7 | 228.5 | 228.3 | 228.5 | 228.7 | 228.9 |
| 110° | 260.7 | 260.9 | 261.0 | 260.9 | 260.6 | 260.2 | 259.9 | 259.6 | 259.9 | 260.2 | 260.6 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 291.6 | 291.9 | 292.2 | 292.4 | 292.3 | 292.2 | 292.1 | 292.1 | 292.1 | 292.2 | 292.3 |
| 115° | 340.0 | 340.3 | 340.7 | 340.9 | 340.9 | 340.9 | 340.9 | 340.9 | 340.9 | 340.9 | 340.9 |
| 117.5° | 386.8 | 387.1 | 387.3 | 387.4 | 387.2 | 387.1 | 387.0 | 386.8 | 387.0 | 387.1 | 387.2 |
| 120° | 419.3 | 419.8 | 420.3 | 420.3 | 419.6 | 418.9 | 418.2 | 417.5 | 418.2 | 418.9 | 419.6 |
| 122.5° | 450.0 | 450.3 | 450.5 | 450.5 | 450.2 | 449.9 | 449.6 | 449.4 | 449.6 | 449.9 | 450.2 |
| 125° | 496.0 | 496.2 | 496.3 | 496.4 | 496.4 | 496.4 | 496.4 | 496.4 | 496.4 | 496.4 | 496.4 |
| 127.5° | 540.8 | 541.0 | 541.3 | 541.2 | 540.7 | 540.2 | 539.6 | 539.1 | 539.6 | 540.2 | 540.7 |
| 130° | 571.5 | 571.5 | 571.5 | 571.2 | 570.7 | 570.2 | 569.7 | 569.1 | 569.7 | 570.2 | 570.7 |
| 132.5° | 601.2 | 601.3 | 601.4 | 601.3 | 600.9 | 600.6 | 600.2 | 599.8 | 600.2 | 600.6 | 600.9 |
| 135° | 645.0 | 645.0 | 645.0 | 644.5 | 643.4 | 642.4 | 641.3 | 640.3 | 641.3 | 642.4 | 643.4 |
| 137.5° | 687.3 | 687.0 | 686.7 | 686.3 | 685.8 | 685.3 | 684.9 | 684.4 | 684.9 | 685.3 | 685.8 |
| 140° | 715.3 | 715.3 | 715.3 | 715.2 | 714.8 | 714.5 | 714.1 | 713.8 | 714.1 | 714.5 | 714.8 |
| 142.5° | 741.9 | 742.0 | 742.2 | 742.1 | 741.7 | 741.4 | 741.0 | 740.7 | 741.0 | 741.4 | 741.7 |
| 145° | 781.4 | 781.3 | 781.1 | 780.7 | 780.0 | 779.3 | 778.6 | 777.9 | 778.6 | 779.3 | 780.0 |
| 147.5° | 818.2 | 818.3 | 818.5 | 818.1 | 817.3 | 816.4 | 815.6 | 814.8 | 815.6 | 816.4 | 817.3 |
| 150° | 840.4 | 840.4 | 840.4 | 840.1 | 839.4 | 838.7 | 838.0 | 837.3 | 838.0 | 838.7 | 839.4 |
| 152.5° | 860.8 | 860.6 | 860.5 | 860.2 | 859.8 | 859.4 | 859.0 | 858.6 | 859.0 | 859.4 | 859.8 |
| 155° | 890.8 | 891.0 | 891.1 | 891.2 | 891.2 | 891.2 | 891.2 | 891.2 | 891.2 | 891.2 | 891.2 |
| 157.5° | 917.3 | 917.3 | 917.3 | 917.5 | 917.8 | 918.1 | 918.4 | 918.8 | 918.4 | 918.1 | 917.8 |
| 160° | 933.8 | 934.0 | 934.1 | 934.3 | 934.5 | 934.7 | 934.8 | 935.0 | 934.8 | 934.7 | 934.5 |
| 162.5° | 947.6 | 947.7 | 947.9 | 948.2 | 948.7 | 949.1 | 949.6 | 950.0 | 949.6 | 949.1 | 948.7 |
| 165° | 967.0 | 967.3 | 967.7 | 968.1 | 968.6 | 969.2 | 969.7 | 970.2 | 969.7 | 969.2 | 968.6 |
| 167.5° | 982.5 | 982.4 | 982.4 | 982.8 | 983.5 | 984.2 | 984.9 | 985.7 | 984.9 | 984.2 | 983.5 |
| 170° | 991.0 | 990.8 | 990.6 | 991.0 | 991.8 | 992.7 | 993.6 | 994.4 | 993.6 | 992.7 | 991.8 |
| 172.5° | 997.5 | 997.5 | 997.4 | 997.8 | 998.5 | 999.2 | 1000.0 | 1000.7 | 1000.0 | 999.2 | 998.5 |
| 175° | 1004.9 | 1005.1 | 1005.3 | 1005.8 | 1006.7 | 1007.5 | 1008.4 | 1009.3 | 1008.4 | 1007.5 | 1006.7 |
| 177.5° | 1009.0 | 1009.0 | 1009.0 | 1009.3 | 1010.0 | 1010.7 | 1011.4 | 1012.1 | 1011.4 | 1010.7 | 1010.0 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 948.3 | 945.2 | 941.1 | 936.4 | 930.8 | 925.9 | 923.7 | 925.5 | 926.5 | 924.0 | 923.7 |
| 5° | 919.4 | 909.7 | 901.9 | 890.2 | 880.9 | 873.1 | 867.6 | 865.3 | 866.1 | 859.9 | 858.3 |
| 7.5° | 886.9 | 875.4 | 862.7 | 848.8 | 835.9 | 824.5 | 818.5 | 815.2 | 808.6 | 805.8 | 801.0 |
| 10° | 866.1 | 850.5 | 838.1 | 821.7 | 807.0 | 793.3 | 786.7 | 781.3 | 774.7 | 771.5 | 764.9 |
| 12.5° | 844.6 | 826.6 | 812.9 | 795.9 | 780.8 | 764.4 | 758.1 | 748.0 | 737.6 | 731.1 | 722.6 |
| 15° | 814.3 | 792.6 | 775.8 | 755.6 | 737.7 | 719.0 | 702.3 | 683.6 | 676.6 | 661.8 | 653.3 |
| 17.5° | 778.9 | 756.8 | 736.1 | 709.0 | 681.4 | 658.2 | 640.3 | 622.5 | 611.7 | 602.3 | 597.9 |
| 20° | 755.6 | 735.4 | 706.6 | 675.1 | 644.3 | 618.6 | 604.2 | 592.6 | 580.9 | 574.3 | 569.6 |
| 22.5° | 733.5 | 707.7 | 674.2 | 640.2 | 609.5 | 589.4 | 577.2 | 565.2 | 555.7 | 549.4 | 543.2 |
| 25° | 696.5 | 662.6 | 627.2 | 588.3 | 567.3 | 549.8 | 536.5 | 526.8 | 521.0 | 512.8 | 509.7 |
| 27.5° | 658.4 | 617.4 | 578.3 | 552.2 | 530.3 | 514.3 | 502.8 | 495.5 | 488.1 | 482.8 | 478.8 |
| 30° | 629.1 | 587.5 | 552.5 | 527.6 | 505.4 | 492.2 | 482.8 | 474.3 | 468.5 | 464.2 | 461.1 |
| 32.5° | 600.2 | 558.6 | 529.1 | 502.4 | 484.9 | 472.0 | 462.0 | 455.6 | 451.0 | 445.5 | 443.6 |
| 35° | 558.3 | 521.4 | 495.7 | 471.6 | 453.7 | 442.0 | 434.2 | 427.6 | 423.7 | 422.2 | 421.0 |
| 37.5° | 518.1 | 487.8 | 460.2 | 440.4 | 424.5 | 415.3 | 406.1 | 402.9 | 400.2 | 397.4 | 398.7 |
| 40° | 492.6 | 464.2 | 439.7 | 418.7 | 405.8 | 395.7 | 390.2 | 386.4 | 384.0 | 384.0 | 384.0 |
| 42.5° | 470.5 | 442.7 | 418.8 | 400.0 | 387.1 | 378.6 | 372.5 | 369.2 | 368.5 | 368.1 | 370.0 |
| 45° | 436.2 | 410.5 | 386.4 | 370.8 | 359.9 | 351.3 | 347.8 | 345.1 | 345.1 | 346.7 | 347.1 |
| 47.5° | 402.2 | 378.1 | 358.7 | 341.3 | 331.3 | 326.0 | 322.9 | 321.5 | 321.7 | 323.2 | 325.0 |
| 50° | 381.3 | 357.6 | 338.5 | 322.9 | 313.6 | 308.5 | 305.8 | 305.0 | 305.8 | 305.8 | 308.5 |
| 52.5° | 358.6 | 337.3 | 318.6 | 305.5 | 294.9 | 290.2 | 288.7 | 287.6 | 288.1 | 289.3 | 290.5 |
| 55° | 325.3 | 306.2 | 288.3 | 275.9 | 268.1 | 265.0 | 261.5 | 261.9 | 261.1 | 261.9 | 261.9 |
| 57.5° | 291.9 | 274.8 | 258.1 | 248.2 | 241.4 | 236.9 | 233.1 | 234.1 | 233.0 | 232.8 | 232.2 |
| 60° | 270.4 | 251.7 | 238.5 | 229.6 | 221.8 | 217.9 | 214.4 | 215.2 | 214.0 | 213.2 | 211.7 |
| 62.5° | 247.1 | 231.5 | 218.9 | 210.3 | 204.0 | 199.5 | 196.0 | 195.2 | 192.5 | 189.9 | 186.4 |
| 65° | 213.2 | 200.4 | 189.1 | 180.9 | 175.1 | 171.6 | 168.9 | 166.5 | 160.7 | 154.5 | 151.4 |
| 67.5° | 180.3 | 171.0 | 160.5 | 153.6 | 148.9 | 144.3 | 139.1 | 135.1 | 129.6 | 126.2 | 124.3 |
| 70° | 159.1 | 150.2 | 141.2 | 134.6 | 129.6 | 125.3 | 119.4 | 116.7 | 112.8 | 111.3 | 109.3 |
| 72.5° | 138.9 | 130.6 | 122.2 | 116.3 | 110.9 | 107.5 | 103.0 | 100.2 | 98.5 | 97.9 | 95.9 |
| 75° | 108.2 | 101.6 | 95.3 | 89.9 | 85.6 | 83.3 | 81.3 | 79.4 | 78.6 | 75.1 | 73.1 |
| 77.5° | 78.9 | 74.5 | 70.7 | 66.8 | 63.7 | 62.2 | 58.4 | 56.2 | 54.9 | 53.2 | 52.8 |
| 80° | 61.5 | 58.4 | 54.5 | 52.1 | 47.9 | 46.3 | 44.7 | 44.4 | 44.0 | 43.6 | 43.2 |
| 82.5° | 46.2 | 43.1 | 39.2 | 37.8 | 36.7 | 35.7 | 34.8 | 34.4 | 34.0 | 34.2 | 34.2 |
| 85° | 23.3 | 21.8 | 21.8 | 21.4 | 21.0 | 20.6 | 20.2 | 20.2 | 19.8 | 20.2 | 19.8 |
| 87.5° | 9.8 | 9.8 | 10.1 | 9.7 | 10.3 | 10.6 | 10.5 | 10.7 | 11.2 | 10.8 | 10.9 |
| 90° | 10.0 | 11.6 | 13.0 | 14.4 | 15.8 | 17.2 | 18.2 | 19.3 | 20.3 | 21.4 | 22.1 |
| 92.5° | 25.5 | 27.1 | 28.0 | 29.0 | 30.0 | 31.0 | 31.6 | 32.2 | 32.8 | 33.5 | 33.9 |
| 95° | 53.2 | 54.6 | 55.8 | 57.0 | 58.2 | 59.4 | 59.9 | 60.5 | 61.0 | 61.5 | 61.8 |
| 97.5° | 86.9 | 88.3 | 89.7 | 91.1 | 92.5 | 94.0 | 94.6 | 95.2 | 95.8 | 96.5 | 96.8 |
| 100° | 112.2 | 113.4 | 114.9 | 116.5 | 118.0 | 119.6 | 120.0 | 120.3 | 120.7 | 121.0 | 121.2 |
| 102.5° | 139.3 | 140.2 | 141.6 | 143.0 | 144.5 | 145.9 | 146.4 | 146.9 | 147.3 | 147.8 | 148.1 |
| 105° | 182.9 | 183.3 | 184.0 | 184.7 | 185.4 | 186.1 | 186.6 | 187.1 | 187.6 | 188.1 | 188.7 |
| 107.5° | 229.1 | 229.3 | 229.4 | 229.5 | 229.6 | 229.7 | 230.2 | 230.7 | 231.1 | 231.6 | 231.9 |
| 110° | 260.9 | 261.0 | 260.9 | 260.7 | 260.5 | 260.3 | 260.0 | 259.6 | 259.3 | 258.9 | 259.0 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 292.4 | 292.2 | 291.9 | 291.6 | 291.3 | 291.0 | 290.9 | 290.8 | 290.8 | 290.7 | 290.7 |
| 115° | 340.9 | 340.7 | 340.3 | 340.0 | 339.6 | 339.3 | 339.1 | 338.9 | 338.8 | 338.6 | 338.4 |
| 117.5° | 387.4 | 387.3 | 387.1 | 386.8 | 386.6 | 386.4 | 385.8 | 385.2 | 384.6 | 384.0 | 383.5 |
| 120° | 420.3 | 420.3 | 419.8 | 419.3 | 418.8 | 418.3 | 417.4 | 416.5 | 415.6 | 414.8 | 414.5 |
| 122.5° | 450.5 | 450.5 | 450.3 | 450.0 | 449.8 | 449.5 | 448.9 | 448.3 | 447.8 | 447.2 | 446.6 |
| 125° | 496.4 | 496.3 | 496.2 | 496.0 | 495.8 | 495.7 | 495.3 | 495.0 | 494.6 | 494.3 | 493.9 |
| 127.5° | 541.2 | 541.3 | 541.0 | 540.8 | 540.5 | 540.2 | 539.9 | 539.5 | 539.2 | 538.8 | 538.5 |
| 130° | 571.2 | 571.5 | 571.5 | 571.5 | 571.5 | 571.5 | 571.1 | 570.8 | 570.4 | 570.1 | 569.6 |
| 132.5° | 601.3 | 601.4 | 601.3 | 601.2 | 601.0 | 600.9 | 600.5 | 600.2 | 599.8 | 599.5 | 599.2 |
| 135° | 644.5 | 645.0 | 645.0 | 645.0 | 645.0 | 645.0 | 644.6 | 644.3 | 643.9 | 643.6 | 643.1 |
| 137.5° | 686.3 | 686.7 | 687.0 | 687.3 | 687.5 | 687.8 | 687.4 | 686.9 | 686.5 | 686.0 | 685.8 |
| 140° | 715.2 | 715.3 | 715.3 | 715.3 | 715.3 | 715.3 | 715.2 | 715.0 | 714.8 | 714.6 | 714.5 |
| 142.5° | 742.1 | 742.2 | 742.0 | 741.9 | 741.7 | 741.6 | 741.6 | 741.5 | 741.5 | 741.5 | 741.4 |
| 145° | 780.7 | 781.1 | 781.3 | 781.4 | 781.6 | 781.8 | 781.6 | 781.4 | 781.3 | 781.1 | 780.7 |
| 147.5° | 818.1 | 818.5 | 818.3 | 818.2 | 818.0 | 817.9 | 817.8 | 817.6 | 817.5 | 817.3 | 817.2 |
| 150° | 840.1 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.3 |
| 152.5° | 860.2 | 860.5 | 860.6 | 860.8 | 860.9 | 861.1 | 861.5 | 861.9 | 862.3 | 862.7 | 862.7 |
| 155° | 891.2 | 891.1 | 891.0 | 890.8 | 890.6 | 890.5 | 891.1 | 891.8 | 892.5 | 893.2 | 893.2 |
| 157.5° | 917.5 | 917.3 | 917.3 | 917.3 | 917.2 | 917.2 | 917.7 | 918.2 | 918.8 | 919.3 | 919.2 |
| 160° | 934.3 | 934.1 | 934.0 | 933.8 | 933.6 | 933.5 | 934.0 | 934.5 | 935.0 | 935.5 | 935.4 |
| 162.5° | 948.2 | 947.9 | 947.7 | 947.6 | 947.4 | 947.2 | 948.2 | 949.1 | 950.0 | 951.0 | 951.0 |
| 165° | 968.1 | 967.7 | 967.3 | 967.0 | 966.6 | 966.3 | 967.3 | 968.4 | 969.4 | 970.5 | 970.6 |
| 167.5° | 982.8 | 982.4 | 982.4 | 982.5 | 982.5 | 982.5 | 983.6 | 984.6 | 985.7 | 986.7 | 986.7 |
| 170° | 991.0 | 990.6 | 990.8 | 991.0 | 991.1 | 991.3 | 992.3 | 993.4 | 994.4 | 995.5 | 995.4 |
| 172.5° | 997.8 | 997.4 | 997.5 | 997.5 | 997.5 | 997.6 | 998.7 | 999.9 | 1001.1 | 1002.3 | 1002.3 |
| 175° | 1005.8 | 1005.3 | 1005.1 | 1004.9 | 1004.8 | 1004.6 | 1005.8 | 1007.0 | 1008.2 | 1009.5 | 1009.5 |
| 177.5° | 1009.3 | 1009.0 | 1009.0 | 1009.0 | 1009.0 | 1009.0 | 1009.9 | 1010.9 | 1011.9 | 1012.9 | 1012.8 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 921.8 | 922.4 | 920.3 | 919.6 | 920.3 | 922.4 | 921.8 | 923.7 | 924.0 | 926.5 | 925.5 |
| 5° | 855.2 | 854.4 | 852.5 | 852.9 | 852.5 | 854.4 | 855.2 | 858.3 | 859.9 | 866.1 | 865.3 |
| 7.5° | 798.2 | 795.2 | 796.1 | 792.9 | 796.1 | 795.2 | 798.2 | 801.0 | 805.8 | 808.6 | 815.2 |
| 10° | 763.4 | 759.1 | 755.6 | 752.5 | 755.6 | 759.1 | 763.4 | 764.9 | 771.5 | 774.7 | 781.3 |
| 12.5° | 715.8 | 712.1 | 707.3 | 708.3 | 707.3 | 712.1 | 715.8 | 722.6 | 731.1 | 737.6 | 748.0 |
| 15° | 648.2 | 642.4 | 633.0 | 634.2 | 633.0 | 642.4 | 648.2 | 653.3 | 661.8 | 676.6 | 683.6 |
| 17.5° | 591.0 | 591.1 | 586.8 | 587.8 | 586.8 | 591.1 | 591.0 | 597.9 | 602.3 | 611.7 | 622.5 |
| 20° | 561.4 | 558.7 | 559.1 | 557.9 | 559.1 | 558.7 | 561.4 | 569.6 | 574.3 | 580.9 | 592.6 |
| 22.5° | 540.9 | 537.6 | 534.8 | 532.4 | 534.8 | 537.6 | 540.9 | 543.2 | 549.4 | 555.7 | 565.2 |
| 25° | 506.2 | 503.9 | 500.4 | 499.6 | 500.4 | 503.9 | 506.2 | 509.7 | 512.8 | 521.0 | 526.8 |
| 27.5° | 475.7 | 475.2 | 473.8 | 472.0 | 473.8 | 475.2 | 475.7 | 478.8 | 482.8 | 488.1 | 495.5 |
| 30° | 457.9 | 457.2 | 456.4 | 455.2 | 456.4 | 457.2 | 457.9 | 461.1 | 464.2 | 468.5 | 474.3 |
| 32.5° | 442.1 | 441.6 | 440.8 | 440.9 | 440.8 | 441.6 | 442.1 | 443.6 | 445.5 | 451.0 | 455.6 |
| 35° | 419.4 | 419.0 | 418.3 | 417.9 | 418.3 | 419.0 | 419.4 | 421.0 | 422.2 | 423.7 | 427.6 |
| 37.5° | 398.3 | 399.3 | 398.8 | 398.7 | 398.8 | 399.3 | 398.3 | 398.7 | 397.4 | 400.2 | 402.9 |
| 40° | 383.6 | 384.0 | 384.8 | 384.4 | 384.8 | 384.0 | 383.6 | 384.0 | 384.0 | 384.0 | 386.4 |
| 42.5° | 371.5 | 371.6 | 372.7 | 371.3 | 372.7 | 371.6 | 371.5 | 370.0 | 368.1 | 368.5 | 369.2 |
| 45° | 349.8 | 352.1 | 351.7 | 351.7 | 351.7 | 352.1 | 349.8 | 347.1 | 346.7 | 345.1 | 345.1 |
| 47.5° | 326.0 | 328.1 | 328.6 | 328.5 | 328.6 | 328.1 | 326.0 | 325.0 | 323.2 | 321.7 | 321.5 |
| 50° | 310.5 | 309.7 | 310.9 | 310.5 | 310.9 | 309.7 | 310.5 | 308.5 | 305.8 | 305.8 | 305.0 |
| 52.5° | 291.5 | 291.7 | 291.6 | 291.2 | 291.6 | 291.7 | 291.5 | 290.5 | 289.3 | 288.1 | 287.6 |
| 55° | 262.2 | 262.6 | 261.9 | 262.2 | 261.9 | 262.6 | 262.2 | 261.9 | 261.9 | 261.1 | 261.9 |
| 57.5° | 230.5 | 228.6 | 229.4 | 228.5 | 229.4 | 228.6 | 230.5 | 232.2 | 232.8 | 233.0 | 234.1 |
| 60° | 207.8 | 204.7 | 203.9 | 202.3 | 203.9 | 204.7 | 207.8 | 211.7 | 213.2 | 214.0 | 215.2 |
| 62.5° | 182.2 | 180.1 | 177.4 | 178.7 | 177.4 | 180.1 | 182.2 | 186.4 | 189.9 | 192.5 | 195.2 |
| 65° | 148.2 | 146.7 | 145.5 | 147.1 | 145.5 | 146.7 | 148.2 | 151.4 | 154.5 | 160.7 | 166.5 |
| 67.5° | 122.7 | 121.9 | 121.9 | 121.1 | 121.9 | 121.9 | 122.7 | 124.3 | 126.2 | 129.6 | 135.1 |
| 70° | 109.3 | 108.2 | 108.2 | 107.4 | 108.2 | 108.2 | 109.3 | 109.3 | 111.3 | 112.8 | 116.7 |
| 72.5° | 95.6 | 94.5 | 94.8 | 94.3 | 94.8 | 94.5 | 95.6 | 95.9 | 97.9 | 98.5 | 100.2 |
| 75° | 70.8 | 68.9 | 68.9 | 69.3 | 68.9 | 68.9 | 70.8 | 73.1 | 75.1 | 78.6 | 79.4 |
| 77.5° | 52.8 | 52.4 | 53.0 | 52.3 | 53.0 | 52.4 | 52.8 | 52.8 | 53.2 | 54.9 | 56.2 |
| 80° | 43.2 | 42.8 | 42.4 | 43.6 | 42.4 | 42.8 | 43.2 | 43.2 | 43.6 | 44.0 | 44.4 |
| 82.5° | 33.5 | 33.5 | 33.4 | 34.9 | 33.4 | 33.5 | 33.5 | 34.2 | 34.2 | 34.0 | 34.4 |
| 85° | 20.2 | 19.5 | 20.2 | 19.5 | 20.2 | 19.5 | 20.2 | 19.8 | 20.2 | 19.8 | 20.2 |
| 87.5° | 11.6 | 11.4 | 11.2 | 11.5 | 11.2 | 11.4 | 11.6 | 10.9 | 10.8 | 11.2 | 10.7 |
| 90° | 22.4 | 22.8 | 23.1 | 23.5 | 23.1 | 22.8 | 22.4 | 22.1 | 21.4 | 20.3 | 19.3 |
| 92.5° | 34.1 | 34.3 | 34.5 | 34.7 | 34.5 | 34.3 | 34.1 | 33.9 | 33.5 | 32.8 | 32.2 |
| 95° | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.5 | 61.0 | 60.5 |
| 97.5° | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.5 | 95.8 | 95.2 |
| 100° | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 | 121.0 | 120.7 | 120.3 |
| 102.5° | 148.3 | 148.4 | 148.6 | 148.7 | 148.6 | 148.4 | 148.3 | 148.1 | 147.8 | 147.3 | 146.9 |
| 105° | 189.2 | 189.7 | 190.2 | 190.8 | 190.2 | 189.7 | 189.2 | 188.7 | 188.1 | 187.6 | 187.1 |
| 107.5° | 231.8 | 231.8 | 231.8 | 231.7 | 231.8 | 231.8 | 231.8 | 231.9 | 231.6 | 231.1 | 230.7 |
| 110° | 259.6 | 260.1 | 260.6 | 261.1 | 260.6 | 260.1 | 259.6 | 259.0 | 258.9 | 259.3 | 259.6 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 290.8 | 290.9 | 291.0 | 291.1 | 291.0 | 290.9 | 290.8 | 290.7 | 290.7 | 290.8 | 290.8 |
| 115° | 338.3 | 338.1 | 337.9 | 337.7 | 337.9 | 338.1 | 338.3 | 338.4 | 338.6 | 338.8 | 338.9 |
| 117.5° | 383.2 | 382.8 | 382.5 | 382.1 | 382.5 | 382.8 | 383.2 | 383.5 | 384.0 | 384.6 | 385.2 |
| 120° | 414.9 | 415.2 | 415.6 | 415.9 | 415.6 | 415.2 | 414.9 | 414.5 | 414.8 | 415.6 | 416.5 |
| 122.5° | 445.9 | 445.3 | 444.7 | 444.1 | 444.7 | 445.3 | 445.9 | 446.6 | 447.2 | 447.8 | 448.3 |
| 125° | 493.6 | 493.2 | 492.9 | 492.5 | 492.9 | 493.2 | 493.6 | 493.9 | 494.3 | 494.6 | 495.0 |
| 127.5° | 538.2 | 538.0 | 537.7 | 537.4 | 537.7 | 538.0 | 538.2 | 538.5 | 538.8 | 539.2 | 539.5 |
| 130° | 568.9 | 568.2 | 567.5 | 566.8 | 567.5 | 568.2 | 568.9 | 569.6 | 570.1 | 570.4 | 570.8 |
| 132.5° | 598.9 | 598.6 | 598.3 | 598.1 | 598.3 | 598.6 | 598.9 | 599.2 | 599.5 | 599.8 | 600.2 |
| 135° | 642.6 | 642.1 | 641.6 | 641.1 | 641.6 | 642.1 | 642.6 | 643.1 | 643.6 | 643.9 | 644.3 |
| 137.5° | 685.9 | 686.0 | 686.1 | 686.3 | 686.1 | 686.0 | 685.9 | 685.8 | 686.0 | 686.5 | 686.9 |
| 140° | 714.3 | 714.1 | 713.9 | 713.8 | 713.9 | 714.1 | 714.3 | 714.5 | 714.6 | 714.8 | 715.0 |
| 142.5° | 741.4 | 741.4 | 741.3 | 741.3 | 741.3 | 741.4 | 741.4 | 741.4 | 741.5 | 741.5 | 741.5 |
| 145° | 780.2 | 779.7 | 779.2 | 778.7 | 779.2 | 779.7 | 780.2 | 780.7 | 781.1 | 781.3 | 781.4 |
| 147.5° | 817.0 | 816.8 | 816.7 | 816.5 | 816.7 | 816.8 | 817.0 | 817.2 | 817.3 | 817.5 | 817.6 |
| 150° | 840.2 | 840.0 | 839.8 | 839.6 | 839.8 | 840.0 | 840.2 | 840.3 | 840.4 | 840.4 | 840.4 |
| 152.5° | 862.3 | 861.8 | 861.4 | 860.9 | 861.4 | 861.8 | 862.3 | 862.7 | 862.7 | 862.3 | 861.9 |
| 155° | 892.5 | 891.8 | 891.1 | 890.5 | 891.1 | 891.8 | 892.5 | 893.2 | 893.2 | 892.5 | 891.8 |
| 157.5° | 918.7 | 918.1 | 917.5 | 916.9 | 917.5 | 918.1 | 918.7 | 919.2 | 919.3 | 918.8 | 918.2 |
| 160° | 934.5 | 933.6 | 932.8 | 931.9 | 932.8 | 933.6 | 934.5 | 935.4 | 935.5 | 935.0 | 934.5 |
| 162.5° | 950.1 | 949.3 | 948.4 | 947.5 | 948.4 | 949.3 | 950.1 | 951.0 | 951.0 | 950.0 | 949.1 |
| 165° | 969.9 | 969.2 | 968.5 | 967.9 | 968.5 | 969.2 | 969.9 | 970.6 | 970.5 | 969.4 | 968.4 |
| 167.5° | 985.6 | 984.5 | 983.5 | 982.4 | 983.5 | 984.5 | 985.6 | 986.7 | 986.7 | 985.7 | 984.6 |
| 170° | 994.2 | 993.0 | 991.7 | 990.5 | 991.7 | 993.0 | 994.2 | 995.4 | 995.5 | 994.4 | 993.4 |
| 172.5° | 1001.1 | 999.8 | 998.6 | 997.4 | 998.6 | 999.8 | 1001.1 | 1002.3 | 1002.3 | 1001.1 | 999.9 |
| 175° | 1008.2 | 1007.0 | 1005.8 | 1004.6 | 1005.8 | 1007.0 | 1008.2 | 1009.5 | 1009.5 | 1008.2 | 1007.0 |
| 177.5° | 1011.7 | 1010.6 | 1009.5 | 1008.3 | 1009.5 | 1010.6 | 1011.7 | 1012.8 | 1012.9 | 1011.9 | 1010.9 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 923.7 | 925.9 | 930.8 | 936.4 | 941.1 | 945.2 | 948.3 | 952.6 | 956.7 | 962.3 | 967.6 |
| 5° | 867.6 | 873.1 | 880.9 | 890.2 | 901.9 | 909.7 | 919.4 | 928.0 | 940.4 | 952.9 | 964.9 |
| 7.5° | 818.5 | 824.5 | 835.9 | 848.8 | 862.7 | 875.4 | 886.9 | 902.0 | 918.5 | 936.7 | 956.9 |
| 10° | 786.7 | 793.3 | 807.0 | 821.7 | 838.1 | 850.5 | 866.1 | 884.0 | 902.7 | 924.8 | 949.7 |
| 12.5° | 758.1 | 764.4 | 780.8 | 795.9 | 812.9 | 826.6 | 844.6 | 862.8 | 887.7 | 911.8 | 940.1 |
| 15° | 702.3 | 719.0 | 737.7 | 755.6 | 775.8 | 792.6 | 814.3 | 833.0 | 856.8 | 890.6 | 922.9 |
| 17.5° | 640.3 | 658.2 | 681.4 | 709.0 | 736.1 | 756.8 | 778.9 | 802.1 | 830.4 | 864.9 | 902.2 |
| 20° | 604.2 | 618.6 | 644.3 | 675.1 | 706.6 | 735.4 | 755.6 | 781.3 | 810.5 | 847.8 | 886.3 |
| 22.5° | 577.2 | 589.4 | 609.5 | 640.2 | 674.2 | 707.7 | 733.5 | 758.9 | 791.2 | 828.5 | 870.5 |
| 25° | 536.5 | 549.8 | 567.3 | 588.3 | 627.2 | 662.6 | 696.5 | 725.6 | 759.9 | 797.2 | 843.9 |
| 27.5° | 502.8 | 514.3 | 530.3 | 552.2 | 578.3 | 617.4 | 658.4 | 691.7 | 726.8 | 766.9 | 813.6 |
| 30° | 482.8 | 492.2 | 505.4 | 527.6 | 552.5 | 587.5 | 629.1 | 668.1 | 703.5 | 745.1 | 793.7 |
| 32.5° | 462.0 | 472.0 | 484.9 | 502.4 | 529.1 | 558.6 | 600.2 | 642.8 | 680.4 | 723.0 | 770.7 |
| 35° | 434.2 | 442.0 | 453.7 | 471.6 | 495.7 | 521.4 | 558.3 | 602.3 | 642.0 | 687.5 | 733.0 |
| 37.5° | 406.1 | 415.3 | 424.5 | 440.4 | 460.2 | 487.8 | 518.1 | 563.0 | 607.0 | 648.5 | 693.0 |
| 40° | 390.2 | 395.7 | 405.8 | 418.7 | 439.7 | 464.2 | 492.6 | 536.5 | 580.5 | 621.8 | 666.5 |
| 42.5° | 372.5 | 378.6 | 387.1 | 400.0 | 418.8 | 442.7 | 470.5 | 508.5 | 554.4 | 594.4 | 635.1 |
| 45° | 347.8 | 351.3 | 359.9 | 370.8 | 386.4 | 410.5 | 436.2 | 470.0 | 513.2 | 551.3 | 587.1 |
| 47.5° | 322.9 | 326.0 | 331.3 | 341.3 | 358.7 | 378.1 | 402.2 | 432.5 | 470.4 | 508.5 | 538.8 |
| 50° | 305.8 | 308.5 | 313.6 | 322.9 | 338.5 | 357.6 | 381.3 | 408.5 | 442.4 | 479.0 | 504.2 |
| 52.5° | 288.7 | 290.2 | 294.9 | 305.5 | 318.6 | 337.3 | 358.6 | 383.6 | 415.3 | 445.7 | 471.3 |
| 55° | 261.5 | 265.0 | 268.1 | 275.9 | 288.3 | 306.2 | 325.3 | 349.0 | 373.5 | 399.2 | 421.0 |
| 57.5° | 233.1 | 236.9 | 241.4 | 248.2 | 258.1 | 274.8 | 291.9 | 311.1 | 332.0 | 353.4 | 371.6 |
| 60° | 214.4 | 217.9 | 221.8 | 229.6 | 238.5 | 251.7 | 270.4 | 287.1 | 303.1 | 322.5 | 340.8 |
| 62.5° | 196.0 | 199.5 | 204.0 | 210.3 | 218.9 | 231.5 | 247.1 | 261.6 | 278.2 | 295.2 | 308.8 |
| 65° | 168.9 | 171.6 | 175.1 | 180.9 | 189.1 | 200.4 | 213.2 | 224.5 | 239.3 | 251.7 | 264.2 |
| 67.5° | 139.1 | 144.3 | 148.9 | 153.6 | 160.5 | 171.0 | 180.3 | 191.1 | 201.2 | 210.4 | 221.8 |
| 70° | 119.4 | 125.3 | 129.6 | 134.6 | 141.2 | 150.2 | 159.1 | 166.5 | 174.7 | 183.6 | 193.8 |
| 72.5° | 103.0 | 107.5 | 110.9 | 116.3 | 122.2 | 130.6 | 138.9 | 145.0 | 151.7 | 157.8 | 167.6 |
| 75° | 81.3 | 83.3 | 85.6 | 89.9 | 95.3 | 101.6 | 108.2 | 113.6 | 117.5 | 122.9 | 130.0 |
| 77.5° | 58.4 | 62.2 | 63.7 | 66.8 | 70.7 | 74.5 | 78.9 | 83.5 | 87.2 | 89.2 | 94.5 |
| 80° | 44.7 | 46.3 | 47.9 | 52.1 | 54.5 | 58.4 | 61.5 | 65.8 | 67.3 | 69.3 | 74.3 |
| 82.5° | 34.8 | 35.7 | 36.7 | 37.8 | 39.2 | 43.1 | 46.2 | 48.9 | 50.5 | 51.2 | 55.0 |
| 85° | 20.2 | 20.6 | 21.0 | 21.4 | 21.8 | 21.8 | 23.3 | 25.3 | 28.0 | 28.0 | 29.2 |
| 87.5° | 10.5 | 10.6 | 10.3 | 9.7 | 10.1 | 9.8 | 9.8 | 9.4 | 9.9 | 10.5 | 11.1 |
| 90° | 18.2 | 17.2 | 15.8 | 14.4 | 13.0 | 11.6 | 10.0 | 8.1 | 6.2 | 4.3 | 2.3 |
| 92.5° | 31.6 | 31.0 | 30.0 | 29.0 | 28.0 | 27.1 | 25.5 | 23.3 | 21.1 | 18.9 | 16.7 |
| 95° | 59.9 | 59.4 | 58.2 | 57.0 | 55.8 | 54.6 | 53.2 | 51.6 | 50.0 | 48.5 | 46.9 |
| 97.5° | 94.6 | 94.0 | 92.5 | 91.1 | 89.7 | 88.3 | 86.9 | 85.7 | 84.4 | 83.2 | 81.9 |
| 100° | 120.0 | 119.6 | 118.0 | 116.5 | 114.9 | 113.4 | 112.2 | 111.5 | 110.8 | 110.1 | 109.5 |
| 102.5° | 146.4 | 145.9 | 144.5 | 143.0 | 141.6 | 140.2 | 139.3 | 139.1 | 138.8 | 138.5 | 138.2 |
| 105° | 186.6 | 186.1 | 185.4 | 184.7 | 184.0 | 183.3 | 182.9 | 182.7 | 182.5 | 182.3 | 182.2 |
| 107.5° | 230.2 | 229.7 | 229.6 | 229.5 | 229.4 | 229.3 | 229.1 | 228.9 | 228.7 | 228.5 | 228.3 |
| 110° | 260.0 | 260.3 | 260.5 | 260.7 | 260.9 | 261.0 | 260.9 | 260.6 | 260.2 | 259.9 | 259.6 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 290.9 | 291.0 | 291.3 | 291.6 | 291.9 | 292.2 | 292.4 | 292.3 | 292.2 | 292.1 | 292.1 |
| 115° | 339.1 | 339.3 | 339.6 | 340.0 | 340.3 | 340.7 | 340.9 | 340.9 | 340.9 | 340.9 | 340.9 |
| 117.5° | 385.8 | 386.4 | 386.6 | 386.8 | 387.1 | 387.3 | 387.4 | 387.2 | 387.1 | 387.0 | 386.8 |
| 120° | 417.4 | 418.3 | 418.8 | 419.3 | 419.8 | 420.3 | 420.3 | 419.6 | 418.9 | 418.2 | 417.5 |
| 122.5° | 448.9 | 449.5 | 449.8 | 450.0 | 450.3 | 450.5 | 450.5 | 450.2 | 449.9 | 449.6 | 449.4 |
| 125° | 495.3 | 495.7 | 495.8 | 496.0 | 496.2 | 496.3 | 496.4 | 496.4 | 496.4 | 496.4 | 496.4 |
| 127.5° | 539.9 | 540.2 | 540.5 | 540.8 | 541.0 | 541.3 | 541.2 | 540.7 | 540.2 | 539.6 | 539.1 |
| 130° | 571.1 | 571.5 | 571.5 | 571.5 | 571.5 | 571.5 | 571.2 | 570.7 | 570.2 | 569.7 | 569.1 |
| 132.5° | 600.5 | 600.9 | 601.0 | 601.2 | 601.3 | 601.4 | 601.3 | 600.9 | 600.6 | 600.2 | 599.8 |
| 135° | 644.6 | 645.0 | 645.0 | 645.0 | 645.0 | 645.0 | 644.5 | 643.4 | 642.4 | 641.3 | 640.3 |
| 137.5° | 687.4 | 687.8 | 687.5 | 687.3 | 687.0 | 686.7 | 686.3 | 685.8 | 685.3 | 684.9 | 684.4 |
| 140° | 715.2 | 715.3 | 715.3 | 715.3 | 715.3 | 715.3 | 715.2 | 714.8 | 714.5 | 714.1 | 713.8 |
| 142.5° | 741.6 | 741.6 | 741.7 | 741.9 | 742.0 | 742.2 | 742.1 | 741.7 | 741.4 | 741.0 | 740.7 |
| 145° | 781.6 | 781.8 | 781.6 | 781.4 | 781.3 | 781.1 | 780.7 | 780.0 | 779.3 | 778.6 | 777.9 |
| 147.5° | 817.8 | 817.9 | 818.0 | 818.2 | 818.3 | 818.5 | 818.1 | 817.3 | 816.4 | 815.6 | 814.8 |
| 150° | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.1 | 839.4 | 838.7 | 838.0 | 837.3 |
| 152.5° | 861.5 | 861.1 | 860.9 | 860.8 | 860.6 | 860.5 | 860.2 | 859.8 | 859.4 | 859.0 | 858.6 |
| 155° | 891.1 | 890.5 | 890.6 | 890.8 | 891.0 | 891.1 | 891.2 | 891.2 | 891.2 | 891.2 | 891.2 |
| 157.5° | 917.7 | 917.2 | 917.2 | 917.3 | 917.3 | 917.3 | 917.5 | 917.8 | 918.1 | 918.4 | 918.8 |
| 160° | 934.0 | 933.5 | 933.6 | 933.8 | 934.0 | 934.1 | 934.3 | 934.5 | 934.7 | 934.8 | 935.0 |
| 162.5° | 948.2 | 947.2 | 947.4 | 947.6 | 947.7 | 947.9 | 948.2 | 948.7 | 949.1 | 949.6 | 950.0 |
| 165° | 967.3 | 966.3 | 966.6 | 967.0 | 967.3 | 967.7 | 968.1 | 968.6 | 969.2 | 969.7 | 970.2 |
| 167.5° | 983.6 | 982.5 | 982.5 | 982.5 | 982.4 | 982.4 | 982.8 | 983.5 | 984.2 | 984.9 | 985.7 |
| 170° | 992.3 | 991.3 | 991.1 | 991.0 | 990.8 | 990.6 | 991.0 | 991.8 | 992.7 | 993.6 | 994.4 |
| 172.5° | 998.7 | 997.6 | 997.5 | 997.5 | 997.5 | 997.4 | 997.8 | 998.5 | 999.2 | 1000.0 | 1000.7 |
| 175° | 1005.8 | 1004.6 | 1004.8 | 1004.9 | 1005.1 | 1005.3 | 1005.8 | 1006.7 | 1007.5 | 1008.4 | 1009.3 |
| 177.5° | 1009.9 | 1009.0 | 1009.0 | 1009.0 | 1009.0 | 1009.0 | 1009.3 | 1010.0 | 1010.7 | 1011.4 | 1012.1 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 971.6 | 974.4 | 977.5 | 983.4 | 988.4 | 990.6 | 995.0 | 998.1 | 997.1 | 1001.5 | 1009.0 |
| 5° | 975.4 | 985.9 | 998.0 | 1010.4 | 1024.4 | 1036.1 | 1045.5 | 1054.8 | 1062.2 | 1071.1 | 1084.4 |
| 7.5° | 974.8 | 993.5 | 1013.8 | 1036.1 | 1059.1 | 1078.9 | 1097.3 | 1116.0 | 1132.5 | 1150.7 | 1174.4 |
| 10° | 972.3 | 997.2 | 1022.5 | 1051.7 | 1080.9 | 1108.5 | 1133.4 | 1156.7 | 1178.9 | 1202.6 | 1232.6 |
| 12.5° | 969.5 | 998.1 | 1028.7 | 1063.8 | 1100.2 | 1133.4 | 1162.7 | 1196.3 | 1224.0 | 1254.6 | 1289.3 |
| 15° | 957.1 | 995.7 | 1037.3 | 1082.8 | 1126.4 | 1171.1 | 1211.2 | 1252.5 | 1291.0 | 1327.5 | 1371.1 |
| 17.5° | 943.0 | 987.4 | 1036.5 | 1090.3 | 1142.7 | 1197.0 | 1244.6 | 1296.6 | 1335.9 | 1385.0 | 1425.5 |
| 20° | 931.5 | 979.3 | 1031.8 | 1092.1 | 1151.7 | 1212.0 | 1264.5 | 1317.4 | 1361.8 | 1411.2 | 1462.6 |
| 22.5° | 917.5 | 970.0 | 1026.9 | 1089.3 | 1151.7 | 1217.6 | 1275.7 | 1328.3 | 1383.3 | 1438.9 | 1491.8 |
| 25° | 894.9 | 949.4 | 1009.7 | 1078.1 | 1149.7 | 1217.0 | 1279.3 | 1344.7 | 1403.8 | 1464.1 | 1511.6 |
| 27.5° | 867.2 | 924.4 | 988.0 | 1058.6 | 1132.1 | 1201.0 | 1274.3 | 1344.0 | 1403.5 | 1461.5 | 1502.9 |
| 30° | 845.1 | 905.4 | 966.5 | 1038.1 | 1114.3 | 1188.3 | 1266.8 | 1336.5 | 1399.1 | 1451.3 | 1474.6 |
| 32.5° | 822.4 | 879.6 | 942.5 | 1015.0 | 1093.2 | 1172.7 | 1250.7 | 1321.9 | 1379.8 | 1411.1 | 1411.7 |
| 35° | 782.8 | 836.5 | 901.9 | 973.1 | 1053.2 | 1139.6 | 1218.6 | 1288.6 | 1324.0 | 1326.8 | 1288.6 |
| 37.5° | 739.7 | 789.0 | 850.7 | 922.0 | 1009.7 | 1095.7 | 1176.3 | 1223.0 | 1234.9 | 1195.3 | 1124.8 |
| 40° | 708.9 | 754.4 | 814.0 | 887.1 | 974.3 | 1063.0 | 1136.5 | 1170.7 | 1158.3 | 1094.1 | 1015.5 |
| 42.5° | 676.5 | 718.9 | 776.3 | 848.5 | 936.0 | 1025.6 | 1088.3 | 1106.6 | 1073.6 | 999.5 | 907.5 |
| 45° | 623.7 | 662.6 | 719.4 | 792.2 | 876.2 | 960.3 | 1007.7 | 998.4 | 943.5 | 855.6 | 752.5 |
| 47.5° | 568.7 | 606.3 | 657.4 | 724.7 | 810.8 | 883.3 | 915.4 | 887.3 | 809.2 | 712.5 | 628.6 |
| 50° | 532.3 | 570.8 | 617.9 | 682.1 | 760.7 | 830.7 | 851.3 | 808.5 | 721.7 | 628.8 | 551.7 |
| 52.5° | 496.5 | 529.4 | 575.5 | 637.5 | 712.7 | 771.9 | 782.8 | 733.5 | 643.9 | 560.6 | 492.3 |
| 55° | 442.0 | 472.0 | 510.9 | 569.2 | 634.2 | 684.4 | 678.6 | 615.1 | 533.8 | 462.6 | 408.9 |
| 57.5° | 389.3 | 411.9 | 447.8 | 502.5 | 559.6 | 593.3 | 571.9 | 517.9 | 442.1 | 383.8 | 338.5 |
| 60° | 354.5 | 375.5 | 408.9 | 456.8 | 507.0 | 526.0 | 508.1 | 449.4 | 389.5 | 336.2 | 298.0 |
| 62.5° | 321.5 | 340.0 | 368.8 | 413.2 | 453.7 | 465.0 | 445.9 | 394.6 | 340.6 | 295.1 | 263.5 |
| 65° | 273.5 | 290.6 | 315.2 | 346.7 | 374.7 | 380.1 | 367.7 | 315.2 | 274.3 | 236.2 | 214.4 |
| 67.5° | 230.0 | 241.2 | 260.4 | 287.6 | 302.5 | 305.7 | 281.6 | 248.6 | 212.6 | 189.2 | 172.8 |
| 70° | 200.8 | 208.5 | 226.4 | 241.2 | 253.3 | 253.7 | 231.5 | 205.0 | 177.4 | 158.4 | 146.3 |
| 72.5° | 172.4 | 179.9 | 193.5 | 203.6 | 212.8 | 209.8 | 189.5 | 168.6 | 146.3 | 131.9 | 122.9 |
| 75° | 133.1 | 139.7 | 146.7 | 151.4 | 151.4 | 147.5 | 132.7 | 117.1 | 104.3 | 95.7 | 93.0 |
| 77.5° | 96.7 | 102.2 | 104.5 | 103.8 | 102.4 | 96.3 | 87.0 | 76.8 | 72.2 | 68.2 | 66.1 |
| 80° | 75.9 | 78.2 | 79.0 | 77.0 | 74.7 | 67.7 | 61.5 | 57.2 | 52.9 | 51.4 | 50.6 |
| 82.5° | 56.3 | 58.3 | 56.3 | 56.8 | 51.7 | 45.9 | 42.5 | 41.0 | 39.2 | 38.6 | 37.8 |
| 85° | 30.0 | 29.6 | 28.8 | 26.8 | 23.3 | 22.6 | 22.2 | 21.8 | 21.0 | 21.4 | 20.6 |
| 87.5° | 11.1 | 10.6 | 9.7 | 9.8 | 10.1 | 9.8 | 10.4 | 10.6 | 10.9 | 10.8 | 11.6 |
| 90° | 4.3 | 6.2 | 8.1 | 10.0 | 11.6 | 13.0 | 14.4 | 15.8 | 17.2 | 18.2 | 19.3 |
| 92.5° | 18.9 | 21.1 | 23.3 | 25.5 | 27.1 | 28.0 | 29.0 | 30.0 | 31.0 | 31.6 | 32.2 |
| 95° | 48.5 | 50.0 | 51.6 | 53.2 | 54.6 | 55.8 | 57.0 | 58.2 | 59.4 | 59.9 | 60.5 |
| 97.5° | 83.2 | 84.4 | 85.7 | 86.9 | 88.3 | 89.7 | 91.1 | 92.5 | 94.0 | 94.6 | 95.2 |
| 100° | 110.1 | 110.8 | 111.5 | 112.2 | 113.4 | 114.9 | 116.5 | 118.0 | 119.6 | 120.0 | 120.3 |
| 102.5° | 138.5 | 138.8 | 139.1 | 139.3 | 140.2 | 141.6 | 143.0 | 144.5 | 145.9 | 146.4 | 146.9 |
| 105° | 182.3 | 182.5 | 182.7 | 182.9 | 183.3 | 184.0 | 184.7 | 185.4 | 186.1 | 186.6 | 187.1 |
| 107.5° | 228.5 | 228.7 | 228.9 | 229.1 | 229.3 | 229.4 | 229.5 | 229.6 | 229.7 | 230.2 | 230.7 |
| 110° | 259.9 | 260.2 | 260.6 | 260.9 | 261.0 | 260.9 | 260.7 | 260.5 | 260.3 | 260.0 | 259.6 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 292.1 | 292.2 | 292.3 | 292.4 | 292.2 | 291.9 | 291.6 | 291.3 | 291.0 | 290.9 | 290.8 |
| 115° | 340.9 | 340.9 | 340.9 | 340.9 | 340.7 | 340.3 | 340.0 | 339.6 | 339.3 | 339.1 | 338.9 |
| 117.5° | 387.0 | 387.1 | 387.2 | 387.4 | 387.3 | 387.1 | 386.8 | 386.6 | 386.4 | 385.8 | 385.2 |
| 120° | 418.2 | 418.9 | 419.6 | 420.3 | 420.3 | 419.8 | 419.3 | 418.8 | 418.3 | 417.4 | 416.5 |
| 122.5° | 449.6 | 449.9 | 450.2 | 450.5 | 450.5 | 450.3 | 450.0 | 449.8 | 449.5 | 448.9 | 448.3 |
| 125° | 496.4 | 496.4 | 496.4 | 496.4 | 496.3 | 496.2 | 496.0 | 495.8 | 495.7 | 495.3 | 495.0 |
| 127.5° | 539.6 | 540.2 | 540.7 | 541.2 | 541.3 | 541.0 | 540.8 | 540.5 | 540.2 | 539.9 | 539.5 |
| 130° | 569.7 | 570.2 | 570.7 | 571.2 | 571.5 | 571.5 | 571.5 | 571.5 | 571.5 | 571.1 | 570.8 |
| 132.5° | 600.2 | 600.6 | 600.9 | 601.3 | 601.4 | 601.3 | 601.2 | 601.0 | 600.9 | 600.5 | 600.2 |
| 135° | 641.3 | 642.4 | 643.4 | 644.5 | 645.0 | 645.0 | 645.0 | 645.0 | 645.0 | 644.6 | 644.3 |
| 137.5° | 684.9 | 685.3 | 685.8 | 686.3 | 686.7 | 687.0 | 687.3 | 687.5 | 687.8 | 687.4 | 686.9 |
| 140° | 714.1 | 714.5 | 714.8 | 715.2 | 715.3 | 715.3 | 715.3 | 715.3 | 715.3 | 715.2 | 715.0 |
| 142.5° | 741.0 | 741.4 | 741.7 | 742.1 | 742.2 | 742.0 | 741.9 | 741.7 | 741.6 | 741.6 | 741.5 |
| 145° | 778.6 | 779.3 | 780.0 | 780.7 | 781.1 | 781.3 | 781.4 | 781.6 | 781.8 | 781.6 | 781.4 |
| 147.5° | 815.6 | 816.4 | 817.3 | 818.1 | 818.5 | 818.3 | 818.2 | 818.0 | 817.9 | 817.8 | 817.6 |
| 150° | 838.0 | 838.7 | 839.4 | 840.1 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 | 840.4 |
| 152.5° | 859.0 | 859.4 | 859.8 | 860.2 | 860.5 | 860.6 | 860.8 | 860.9 | 861.1 | 861.5 | 861.9 |
| 155° | 891.2 | 891.2 | 891.2 | 891.2 | 891.1 | 891.0 | 890.8 | 890.6 | 890.5 | 891.1 | 891.8 |
| 157.5° | 918.4 | 918.1 | 917.8 | 917.5 | 917.3 | 917.3 | 917.3 | 917.2 | 917.2 | 917.7 | 918.2 |
| 160° | 934.8 | 934.7 | 934.5 | 934.3 | 934.1 | 934.0 | 933.8 | 933.6 | 933.5 | 934.0 | 934.5 |
| 162.5° | 949.6 | 949.1 | 948.7 | 948.2 | 947.9 | 947.7 | 947.6 | 947.4 | 947.2 | 948.2 | 949.1 |
| 165° | 969.7 | 969.2 | 968.6 | 968.1 | 967.7 | 967.3 | 967.0 | 966.6 | 966.3 | 967.3 | 968.4 |
| 167.5° | 984.9 | 984.2 | 983.5 | 982.8 | 982.4 | 982.4 | 982.5 | 982.5 | 982.5 | 983.6 | 984.6 |
| 170° | 993.6 | 992.7 | 991.8 | 991.0 | 990.6 | 990.8 | 991.0 | 991.1 | 991.3 | 992.3 | 993.4 |
| 172.5° | 1000.0 | 999.2 | 998.5 | 997.8 | 997.4 | 997.5 | 997.5 | 997.5 | 997.6 | 998.7 | 999.9 |
| 175° | 1008.4 | 1007.5 | 1006.7 | 1005.8 | 1005.3 | 1005.1 | 1004.9 | 1004.8 | 1004.6 | 1005.8 | 1007.0 |
| 177.5° | 1011.4 | 1010.7 | 1010.0 | 1009.3 | 1009.0 | 1009.0 | 1009.0 | 1009.0 | 1009.0 | 1009.9 | 1010.9 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 | 965.7 |
| 2.5° | 1013.0 | 1014.3 | 1015.2 | 1018.3 | 1018.6 | 1021.4 | 1018.6 |
| 5° | 1096.8 | 1102.3 | 1110.8 | 1119.4 | 1120.2 | 1125.6 | 1115.9 |
| 7.5° | 1190.8 | 1203.4 | 1211.3 | 1225.1 | 1230.6 | 1234.0 | 1228.4 |
| 10° | 1255.6 | 1267.2 | 1287.9 | 1298.0 | 1308.1 | 1309.6 | 1305.0 |
| 12.5° | 1318.1 | 1336.6 | 1352.9 | 1372.1 | 1371.6 | 1385.3 | 1380.3 |
| 15° | 1401.5 | 1420.5 | 1443.1 | 1464.5 | 1472.3 | 1472.3 | 1478.5 |
| 17.5° | 1460.9 | 1495.9 | 1519.2 | 1536.0 | 1554.4 | 1557.6 | 1555.4 |
| 20° | 1501.1 | 1538.8 | 1563.7 | 1585.5 | 1598.0 | 1601.5 | 1601.5 |
| 22.5° | 1531.0 | 1563.1 | 1587.4 | 1607.0 | 1617.3 | 1621.4 | 1620.1 |
| 25° | 1551.7 | 1579.3 | 1594.1 | 1599.9 | 1602.6 | 1601.8 | 1594.5 |
| 27.5° | 1523.3 | 1522.1 | 1512.7 | 1494.8 | 1481.4 | 1473.2 | 1463.9 |
| 30° | 1469.2 | 1448.9 | 1425.6 | 1399.9 | 1366.8 | 1341.5 | 1333.8 |
| 32.5° | 1388.6 | 1343.1 | 1303.6 | 1260.8 | 1225.2 | 1199.9 | 1189.3 |
| 35° | 1232.6 | 1160.6 | 1101.9 | 1050.5 | 1013.2 | 989.8 | 982.0 |
| 37.5° | 1047.6 | 977.9 | 905.2 | 855.4 | 824.4 | 800.8 | 792.0 |
| 40° | 929.9 | 854.0 | 790.6 | 743.9 | 712.0 | 689.1 | 688.7 |
| 42.5° | 822.5 | 750.1 | 690.4 | 656.8 | 622.4 | 607.2 | 607.1 |
| 45° | 673.5 | 615.5 | 564.9 | 538.5 | 517.9 | 505.4 | 501.9 |
| 47.5° | 557.6 | 509.7 | 476.0 | 454.9 | 438.1 | 430.2 | 425.0 |
| 50° | 492.6 | 450.6 | 423.7 | 405.4 | 396.1 | 386.0 | 385.2 |
| 52.5° | 438.4 | 404.5 | 383.6 | 368.7 | 356.9 | 350.8 | 351.0 |
| 55° | 368.5 | 341.6 | 326.8 | 315.5 | 306.2 | 301.5 | 299.6 |
| 57.5° | 310.4 | 290.3 | 279.5 | 269.2 | 265.2 | 261.5 | 260.5 |
| 60° | 274.3 | 260.7 | 250.6 | 242.4 | 236.6 | 235.4 | 235.0 |
| 62.5° | 244.4 | 230.2 | 223.2 | 216.9 | 212.6 | 210.8 | 210.1 |
| 65° | 201.5 | 191.0 | 184.8 | 179.8 | 178.2 | 175.5 | 175.1 |
| 67.5° | 162.5 | 156.2 | 152.1 | 148.6 | 146.4 | 146.3 | 146.3 |
| 70° | 138.5 | 135.0 | 131.5 | 129.6 | 128.4 | 127.6 | 127.6 |
| 72.5° | 118.0 | 115.4 | 112.5 | 111.5 | 111.3 | 110.5 | 110.2 |
| 75° | 89.9 | 87.2 | 87.5 | 85.6 | 84.0 | 82.1 | 80.9 |
| 77.5° | 63.7 | 61.8 | 61.4 | 61.2 | 59.8 | 59.6 | 60.2 |
| 80° | 49.4 | 47.5 | 47.1 | 47.5 | 47.1 | 45.9 | 45.9 |
| 82.5° | 37.6 | 36.0 | 35.6 | 35.3 | 34.9 | 35.3 | 34.7 |
| 85° | 20.2 | 19.5 | 19.5 | 19.5 | 20.2 | 19.8 | 19.5 |
| 87.5° | 11.2 | 11.1 | 11.6 | 11.3 | 11.4 | 11.2 | 11.5 |
| 90° | 20.3 | 21.4 | 22.1 | 22.4 | 22.8 | 23.1 | 23.5 |
| 92.5° | 32.8 | 33.5 | 33.9 | 34.1 | 34.3 | 34.5 | 34.7 |
| 95° | 61.0 | 61.5 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| 97.5° | 95.8 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 100° | 120.7 | 121.0 | 121.2 | 121.2 | 121.2 | 121.2 | 121.2 |
| 102.5° | 147.3 | 147.8 | 148.1 | 148.3 | 148.4 | 148.6 | 148.7 |
| 105° | 187.6 | 188.1 | 188.7 | 189.2 | 189.7 | 190.2 | 190.8 |
| 107.5° | 231.1 | 231.6 | 231.9 | 231.8 | 231.8 | 231.8 | 231.7 |
| 110° | 259.3 | 258.9 | 259.0 | 259.6 | 260.1 | 260.6 | 261.1 |



TEST NUMBER: P332908

CATALOG NUMBER: S124RDIP-S575D810U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 290.8 | 290.7 | 290.7 | 290.8 | 290.9 | 291.0 | 291.1 |
| 115° | 338.8 | 338.6 | 338.4 | 338.3 | 338.1 | 337.9 | 337.7 |
| 117.5° | 384.6 | 384.0 | 383.5 | 383.2 | 382.8 | 382.5 | 382.1 |
| 120° | 415.6 | 414.8 | 414.5 | 414.9 | 415.2 | 415.6 | 415.9 |
| 122.5° | 447.8 | 447.2 | 446.6 | 445.9 | 445.3 | 444.7 | 444.1 |
| 125° | 494.6 | 494.3 | 493.9 | 493.6 | 493.2 | 492.9 | 492.5 |
| 127.5° | 539.2 | 538.8 | 538.5 | 538.2 | 538.0 | 537.7 | 537.4 |
| 130° | 570.4 | 570.1 | 569.6 | 568.9 | 568.2 | 567.5 | 566.8 |
| 132.5° | 599.8 | 599.5 | 599.2 | 598.9 | 598.6 | 598.3 | 598.1 |
| 135° | 643.9 | 643.6 | 643.1 | 642.6 | 642.1 | 641.6 | 641.1 |
| 137.5° | 686.5 | 686.0 | 685.8 | 685.9 | 686.0 | 686.1 | 686.3 |
| 140° | 714.8 | 714.6 | 714.5 | 714.3 | 714.1 | 713.9 | 713.8 |
| 142.5° | 741.5 | 741.5 | 741.4 | 741.4 | 741.4 | 741.3 | 741.3 |
| 145° | 781.3 | 781.1 | 780.7 | 780.2 | 779.7 | 779.2 | 778.7 |
| 147.5° | 817.5 | 817.3 | 817.2 | 817.0 | 816.8 | 816.7 | 816.5 |
| 150° | 840.4 | 840.4 | 840.3 | 840.2 | 840.0 | 839.8 | 839.6 |
| 152.5° | 862.3 | 862.7 | 862.7 | 862.3 | 861.8 | 861.4 | 860.9 |
| 155° | 892.5 | 893.2 | 893.2 | 892.5 | 891.8 | 891.1 | 890.5 |
| 157.5° | 918.8 | 919.3 | 919.2 | 918.7 | 918.1 | 917.5 | 916.9 |
| 160° | 935.0 | 935.5 | 935.4 | 934.5 | 933.6 | 932.8 | 931.9 |
| 162.5° | 950.0 | 951.0 | 951.0 | 950.1 | 949.3 | 948.4 | 947.5 |
| 165° | 969.4 | 970.5 | 970.6 | 969.9 | 969.2 | 968.5 | 967.9 |
| 167.5° | 985.7 | 986.7 | 986.7 | 985.6 | 984.5 | 983.5 | 982.4 |
| 170° | 994.4 | 995.5 | 995.4 | 994.2 | 993.0 | 991.7 | 990.5 |
| 172.5° | 1001.1 | 1002.3 | 1002.3 | 1001.1 | 999.8 | 998.6 | 997.4 |
| 175° | 1008.2 | 1009.5 | 1009.5 | 1008.2 | 1007.0 | 1005.8 | 1004.6 |
| 177.5° | 1011.9 | 1012.9 | 1012.8 | 1011.7 | 1010.6 | 1009.5 | 1008.3 |
| 180° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |

(END OF REPORT)