

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: P331647-940

Luminaire Tested: **S122RDIP-S485D330U940-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331647-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIP-S485D330U940-4F0-1E-UDD-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 330 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2797.8 lumens
Efficiency: N/A
Efficacy: 101.7 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

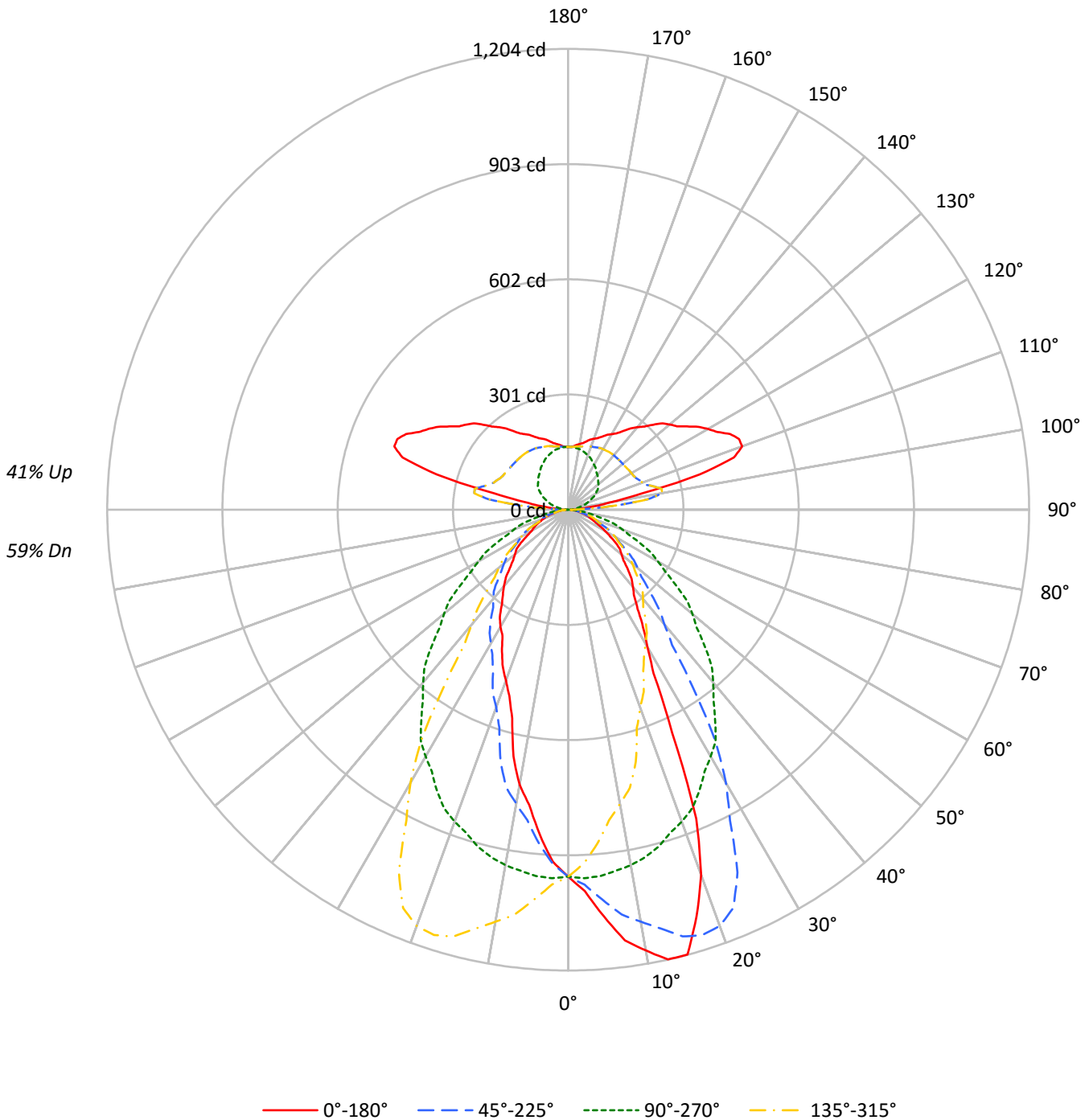
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|--|----|----|----|--|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 | | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | | 50 | 30 | 10 | | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | | 76 | 76 | 76 | | 65 | 65 | 65 | 59 |
| 1 | 101 | 97 | 93 | 90 | 94 | 91 | 87 | 85 | 79 | 77 | 75 | | 68 | 67 | 65 | | 59 | 57 | 56 | 52 |
| 2 | 93 | 86 | 80 | 75 | 86 | 80 | 75 | 71 | 70 | 67 | 63 | | 61 | 58 | 56 | | 53 | 51 | 49 | 45 |
| 3 | 85 | 76 | 69 | 64 | 79 | 72 | 66 | 61 | 63 | 58 | 54 | | 55 | 52 | 49 | | 48 | 45 | 43 | 39 |
| 4 | 78 | 68 | 61 | 55 | 73 | 64 | 58 | 52 | 57 | 52 | 47 | | 50 | 46 | 43 | | 43 | 40 | 38 | 35 |
| 5 | 72 | 61 | 54 | 48 | 68 | 58 | 51 | 46 | 51 | 46 | 42 | | 45 | 41 | 38 | | 40 | 36 | 34 | 31 |
| 6 | 67 | 56 | 48 | 42 | 63 | 53 | 46 | 41 | 47 | 41 | 37 | | 41 | 37 | 34 | | 36 | 33 | 30 | 28 |
| 7 | 62 | 51 | 43 | 38 | 58 | 48 | 41 | 36 | 43 | 37 | 33 | | 38 | 34 | 30 | | 34 | 30 | 27 | 25 |
| 8 | 58 | 46 | 39 | 34 | 55 | 44 | 37 | 33 | 39 | 34 | 30 | | 35 | 31 | 27 | | 31 | 28 | 25 | 23 |
| 9 | 55 | 43 | 35 | 31 | 51 | 41 | 34 | 29 | 36 | 31 | 27 | | 33 | 28 | 25 | | 29 | 25 | 23 | 21 |
| 10 | 51 | 39 | 32 | 28 | 48 | 38 | 31 | 27 | 34 | 29 | 25 | | 30 | 26 | 23 | | 27 | 24 | 21 | 19 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15474 | 15474 | 15474 | 15474 |
| 5° | 17280 | 15571 | 13807 | 15571 |
| 10° | 19174 | 15462 | 11968 | 15462 |
| 15° | 20117 | 15234 | 9429 | 15234 |
| 20° | 17438 | 14899 | 8158 | 14899 |
| 25° | 11437 | 14439 | 7285 | 14439 |
| 30° | 7700 | 13882 | 6594 | 13882 |
| 35° | 6236 | 13180 | 5947 | 13180 |
| 40° | 5545 | 12416 | 5503 | 12416 |
| 45° | 5019 | 11520 | 4912 | 11520 |
| 50° | 4567 | 10630 | 4549 | 10630 |
| 55° | 4293 | 9647 | 4236 | 9647 |
| 60° | 3591 | 8741 | 3549 | 8741 |
| 65° | 3030 | 7939 | 3435 | 7939 |
| 70° | 2799 | 7091 | 3238 | 7091 |
| 75° | 2620 | 6170 | 2994 | 6170 |
| 80° | 2408 | 5077 | 2659 | 5077 |
| 85° | 2205 | 4020 | 2353 | 4020 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 90.8 | 3.2 |
| 10°-20° | 253.1 | 9.0 |
| 20°-30° | 326.2 | 11.7 |
| 30°-40° | 310.0 | 11.1 |
| 40°-50° | 265.6 | 9.5 |
| 50°-60° | 202.2 | 7.2 |
| 60°-70° | 127.8 | 4.6 |
| 70°-80° | 63.8 | 2.3 |
| 80°-90° | 18.1 | 0.6 |
| 90°-100° | 65.5 | 2.3 |
| 100°-110° | 222.3 | 7.9 |
| 110°-120° | 236.2 | 8.4 |
| 120°-130° | 194.4 | 6.9 |
| 130°-140° | 156.1 | 5.6 |
| 140°-150° | 118.0 | 4.2 |
| 150°-160° | 82.9 | 3.0 |
| 160°-170° | 48.8 | 1.7 |
| 170°-180° | 15.9 | 0.6 |
| 0°-30° | 670.2 | 24.0 |
| 0°-40° | 980.2 | 35.0 |
| 0°-60° | 1448.0 | 51.8 |
| 0°-90° | 1657.7 | 59.3 |
| 90°-120° | 524.0 | 18.7 |
| 90°-150° | 992.5 | 35.5 |
| 90°-180° | 1140.0 | 40.7 |
| 0°-180° | 2797.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 958 | 958 | 958 | 958 | 958 | |
| 5° | 1066 | 961 | 852 | 961 | 1066 | 105 |
| 15° | 1204 | 911 | 564 | 911 | 1204 | 325 |
| 25° | 642 | 810 | 409 | 810 | 642 | 305 |
| 35° | 316 | 669 | 302 | 669 | 316 | 202 |
| 45° | 220 | 504 | 215 | 504 | 220 | 170 |
| 55° | 152 | 343 | 150 | 343 | 152 | 134 |
| 65° | 79 | 208 | 90 | 208 | 79 | 81 |
| 75° | 42 | 99 | 48 | 99 | 42 | 45 |
| 85° | 12 | 22 | 13 | 22 | 12 | 13 |
| 90° | 10 | 0 | 10 | 0 | 10 | 6 |
| 95° | 36 | 11 | 36 | 11 | 36 | 47 |
| 105° | 355 | 38 | 355 | 38 | 355 | 344 |
| 115° | 467 | 68 | 467 | 68 | 467 | 458 |
| 125° | 379 | 94 | 379 | 94 | 379 | 343 |
| 135° | 314 | 111 | 314 | 111 | 314 | 244 |
| 145° | 251 | 127 | 251 | 127 | 251 | 159 |
| 155° | 211 | 144 | 211 | 144 | 211 | 98 |
| 165° | 185 | 157 | 185 | 157 | 185 | 53 |
| 175° | 167 | 164 | 167 | 164 | 167 | 16 |
| 180° | 164 | 164 | 164 | 164 | 164 | |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 997.3 | 998.1 | 998.9 | 997.0 | 997.0 | 995.4 | 991.9 | 989.3 | 981.8 | 980.7 | 980.7 |
| 5° | 1066.2 | 1065.6 | 1066.9 | 1062.6 | 1056.6 | 1055.3 | 1048.9 | 1040.6 | 1032.0 | 1022.3 | 1020.3 |
| 7.5° | 1134.9 | 1133.9 | 1131.2 | 1130.4 | 1125.9 | 1115.8 | 1105.6 | 1094.8 | 1080.4 | 1066.3 | 1059.3 |
| 10° | 1169.5 | 1180.4 | 1173.8 | 1162.2 | 1164.5 | 1148.9 | 1140.5 | 1126.2 | 1114.2 | 1093.2 | 1088.6 |
| 12.5° | 1203.5 | 1207.9 | 1205.8 | 1199.2 | 1196.2 | 1185.4 | 1174.1 | 1161.6 | 1139.5 | 1120.7 | 1104.3 |
| 15° | 1203.5 | 1209.8 | 1211.5 | 1209.4 | 1211.1 | 1210.4 | 1204.4 | 1194.1 | 1174.8 | 1154.1 | 1136.2 |
| 17.5° | 1114.6 | 1119.0 | 1129.9 | 1137.3 | 1146.7 | 1166.4 | 1176.1 | 1179.9 | 1177.0 | 1165.2 | 1152.5 |
| 20° | 1014.9 | 1007.6 | 1038.3 | 1053.9 | 1067.3 | 1100.5 | 1129.2 | 1140.1 | 1157.8 | 1157.5 | 1154.1 |
| 22.5° | 873.8 | 875.5 | 904.6 | 923.1 | 962.1 | 995.3 | 1028.0 | 1069.3 | 1103.5 | 1126.1 | 1139.2 |
| 25° | 642.0 | 654.7 | 683.7 | 708.9 | 752.2 | 814.2 | 870.5 | 935.8 | 997.3 | 1046.0 | 1092.3 |
| 27.5° | 482.1 | 483.1 | 506.0 | 529.5 | 555.2 | 605.9 | 676.8 | 754.7 | 842.6 | 915.0 | 998.4 |
| 30° | 413.0 | 410.9 | 420.6 | 434.9 | 456.9 | 496.1 | 549.5 | 626.1 | 713.6 | 822.9 | 920.1 |
| 32.5° | 363.9 | 364.0 | 371.3 | 381.9 | 400.1 | 426.6 | 463.2 | 525.3 | 608.1 | 715.5 | 829.5 |
| 35° | 316.4 | 316.0 | 321.4 | 329.0 | 336.6 | 353.7 | 378.6 | 411.3 | 468.2 | 568.5 | 685.0 |
| 37.5° | 282.2 | 283.7 | 286.3 | 291.1 | 299.5 | 309.0 | 324.0 | 345.9 | 386.5 | 445.8 | 543.7 |
| 40° | 263.1 | 263.8 | 267.4 | 271.4 | 276.4 | 283.7 | 296.0 | 313.7 | 343.3 | 390.6 | 462.2 |
| 42.5° | 245.5 | 246.1 | 248.8 | 252.4 | 256.4 | 263.8 | 273.9 | 289.2 | 313.3 | 350.1 | 409.2 |
| 45° | 219.8 | 219.8 | 222.1 | 223.7 | 228.1 | 234.8 | 243.1 | 255.7 | 272.4 | 299.7 | 339.0 |
| 47.5° | 195.6 | 195.7 | 197.2 | 200.1 | 202.9 | 208.0 | 216.2 | 226.6 | 238.7 | 259.8 | 293.4 |
| 50° | 181.8 | 182.2 | 183.2 | 185.5 | 187.2 | 191.8 | 198.1 | 207.1 | 219.8 | 236.1 | 264.0 |
| 52.5° | 170.6 | 170.4 | 171.7 | 172.7 | 173.8 | 177.2 | 181.9 | 189.8 | 201.2 | 215.3 | 238.5 |
| 55° | 152.5 | 151.1 | 153.2 | 154.8 | 155.9 | 157.2 | 159.8 | 164.9 | 174.5 | 186.5 | 203.8 |
| 57.5° | 129.8 | 129.3 | 130.7 | 132.2 | 135.4 | 139.0 | 141.2 | 144.5 | 149.5 | 158.0 | 175.2 |
| 60° | 111.2 | 111.2 | 114.2 | 115.2 | 118.9 | 123.5 | 128.2 | 130.9 | 135.9 | 141.5 | 154.2 |
| 62.5° | 94.7 | 95.0 | 96.4 | 97.4 | 99.4 | 105.1 | 111.7 | 117.5 | 122.3 | 127.7 | 136.1 |
| 65° | 79.3 | 79.9 | 79.9 | 80.6 | 81.9 | 83.3 | 85.9 | 90.6 | 98.9 | 106.6 | 112.9 |
| 67.5° | 67.2 | 67.5 | 67.7 | 68.3 | 68.7 | 70.1 | 71.2 | 73.3 | 75.2 | 82.5 | 90.3 |
| 70° | 59.3 | 60.3 | 59.9 | 60.6 | 60.9 | 61.6 | 63.0 | 63.9 | 67.0 | 68.6 | 73.3 |
| 72.5° | 51.8 | 52.5 | 52.5 | 52.9 | 53.8 | 53.9 | 54.9 | 55.9 | 57.9 | 59.3 | 61.8 |
| 75° | 42.0 | 41.6 | 42.0 | 42.6 | 43.0 | 43.2 | 43.2 | 44.6 | 45.7 | 47.0 | 48.6 |
| 77.5° | 32.4 | 32.7 | 32.6 | 32.7 | 32.7 | 33.3 | 33.3 | 33.9 | 34.9 | 35.6 | 36.4 |
| 80° | 25.9 | 26.3 | 25.9 | 26.3 | 26.7 | 26.9 | 26.7 | 26.9 | 28.0 | 28.6 | 28.6 |
| 82.5° | 20.2 | 20.2 | 20.4 | 20.4 | 20.5 | 20.6 | 21.0 | 21.1 | 21.8 | 21.7 | 21.9 |
| 85° | 11.9 | 11.7 | 11.7 | 11.7 | 11.9 | 12.3 | 11.9 | 11.9 | 12.3 | 12.3 | 12.3 |
| 87.5° | 6.3 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.4 | 6.8 | 6.6 | 7.0 | 6.6 |
| 90° | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.1 | 9.5 | 10.1 | 10.4 | 10.7 | 10.4 |
| 92.5° | 17.5 | 17.9 | 17.7 | 18.7 | 19.0 | 21.0 | 23.5 | 27.5 | 34.6 | 40.9 | 40.4 |
| 95° | 35.9 | 35.6 | 36.6 | 39.1 | 43.2 | 50.1 | 63.3 | 82.6 | 108.1 | 123.5 | 109.3 |
| 97.5° | 70.7 | 73.4 | 77.9 | 85.7 | 100.8 | 123.5 | 157.6 | 192.6 | 221.1 | 210.8 | 158.8 |
| 100° | 112.8 | 118.5 | 127.6 | 141.2 | 167.3 | 205.5 | 248.6 | 287.7 | 294.3 | 248.9 | 171.4 |
| 102.5° | 198.5 | 206.2 | 217.6 | 240.7 | 269.1 | 309.5 | 341.1 | 349.9 | 321.5 | 250.1 | 166.6 |
| 105° | 355.1 | 359.4 | 373.0 | 392.5 | 412.1 | 422.5 | 418.4 | 382.8 | 317.3 | 233.4 | 157.2 |
| 107.5° | 453.6 | 459.4 | 462.2 | 463.2 | 460.7 | 445.5 | 412.8 | 359.1 | 289.6 | 215.5 | 152.6 |
| 110° | 483.3 | 483.7 | 480.8 | 474.8 | 461.3 | 435.4 | 395.1 | 338.7 | 272.2 | 207.0 | 151.6 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 482.8 | 481.1 | 475.7 | 465.7 | 446.9 | 417.2 | 374.2 | 320.0 | 260.1 | 201.4 | 151.8 |
| 115° | 467.3 | 464.4 | 456.2 | 441.8 | 419.4 | 386.9 | 345.6 | 297.1 | 245.1 | 195.4 | 153.1 |
| 117.5° | 439.4 | 437.0 | 428.5 | 413.1 | 390.3 | 359.9 | 322.4 | 279.8 | 235.7 | 192.3 | 155.4 |
| 120° | 421.6 | 418.4 | 409.3 | 394.5 | 372.4 | 343.8 | 310.3 | 271.3 | 230.6 | 190.6 | 156.9 |
| 122.5° | 402.9 | 400.3 | 392.2 | 377.6 | 357.8 | 331.9 | 300.2 | 264.5 | 226.3 | 189.6 | 158.6 |
| 125° | 379.1 | 376.5 | 368.6 | 356.7 | 338.4 | 314.8 | 287.0 | 254.6 | 220.3 | 187.8 | 161.3 |
| 127.5° | 358.1 | 356.1 | 349.3 | 338.0 | 322.1 | 300.3 | 274.2 | 244.8 | 214.5 | 186.7 | 164.0 |
| 130° | 346.3 | 343.8 | 337.4 | 326.7 | 311.3 | 290.5 | 265.6 | 238.5 | 210.8 | 186.2 | 166.0 |
| 132.5° | 333.9 | 331.6 | 325.8 | 315.1 | 300.0 | 280.4 | 257.5 | 232.5 | 207.8 | 185.9 | 168.1 |
| 135° | 314.1 | 312.9 | 307.2 | 296.8 | 283.2 | 265.6 | 244.8 | 224.0 | 203.5 | 185.6 | 170.5 |
| 137.5° | 294.7 | 292.8 | 287.8 | 278.9 | 266.5 | 251.2 | 234.7 | 217.3 | 200.5 | 185.5 | 172.6 |
| 140° | 281.3 | 279.5 | 274.7 | 266.5 | 256.5 | 242.6 | 228.1 | 212.9 | 198.8 | 185.3 | 173.6 |
| 142.5° | 268.0 | 267.6 | 263.4 | 255.9 | 246.4 | 234.8 | 222.3 | 209.5 | 197.1 | 185.3 | 174.3 |
| 145° | 250.7 | 249.9 | 246.7 | 241.3 | 233.8 | 224.6 | 214.9 | 204.5 | 194.7 | 184.6 | 175.1 |
| 147.5° | 236.4 | 235.8 | 233.6 | 229.3 | 223.1 | 216.4 | 208.8 | 200.6 | 192.3 | 183.5 | 175.4 |
| 150° | 227.8 | 227.5 | 225.6 | 221.8 | 217.0 | 211.4 | 204.8 | 197.9 | 190.3 | 182.7 | 175.1 |
| 152.5° | 220.5 | 220.4 | 219.0 | 215.8 | 212.0 | 207.1 | 201.5 | 195.1 | 188.5 | 181.5 | 174.7 |
| 155° | 210.8 | 211.4 | 210.2 | 207.9 | 204.5 | 201.0 | 196.3 | 191.3 | 185.3 | 179.2 | 173.9 |
| 157.5° | 202.5 | 202.5 | 202.0 | 200.1 | 197.7 | 194.9 | 191.0 | 186.8 | 182.2 | 177.0 | 172.5 |
| 160° | 197.2 | 197.2 | 196.9 | 195.4 | 193.1 | 190.9 | 187.4 | 184.0 | 179.9 | 175.5 | 171.7 |
| 162.5° | 192.2 | 192.4 | 192.2 | 191.1 | 188.9 | 187.2 | 184.2 | 181.2 | 177.9 | 174.2 | 170.9 |
| 165° | 184.9 | 185.3 | 185.3 | 184.0 | 182.7 | 181.5 | 179.2 | 177.1 | 174.5 | 171.7 | 169.5 |
| 167.5° | 178.3 | 178.6 | 178.7 | 178.0 | 177.5 | 176.3 | 174.8 | 173.1 | 171.3 | 169.5 | 168.1 |
| 170° | 174.2 | 174.9 | 175.1 | 174.2 | 173.9 | 173.3 | 172.0 | 171.1 | 169.5 | 168.3 | 167.3 |
| 172.5° | 170.9 | 171.3 | 171.7 | 171.2 | 170.9 | 170.5 | 169.5 | 168.8 | 167.7 | 166.7 | 166.3 |
| 175° | 166.7 | 167.3 | 167.6 | 167.3 | 167.3 | 167.0 | 166.7 | 166.4 | 165.4 | 165.1 | 164.8 |
| 177.5° | 164.1 | 164.6 | 164.9 | 164.9 | 164.9 | 164.9 | 164.6 | 164.6 | 164.1 | 163.8 | 164.1 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 981.2 | 979.2 | 977.3 | 972.5 | 970.1 | 964.7 | 963.9 | 963.7 | 956.8 | 950.1 | 948.2 |
| 5° | 1014.9 | 1009.7 | 1001.7 | 992.3 | 982.7 | 972.7 | 966.0 | 960.7 | 947.4 | 934.7 | 927.4 |
| 7.5° | 1048.9 | 1037.5 | 1023.7 | 1006.0 | 991.3 | 974.8 | 962.6 | 951.5 | 932.6 | 914.5 | 902.3 |
| 10° | 1074.2 | 1055.6 | 1037.3 | 1013.0 | 994.0 | 975.4 | 958.1 | 943.1 | 921.8 | 897.8 | 880.7 |
| 12.5° | 1089.9 | 1069.4 | 1044.2 | 1020.5 | 995.9 | 972.1 | 949.0 | 929.7 | 904.7 | 879.9 | 859.7 |
| 15° | 1111.3 | 1089.2 | 1058.6 | 1024.7 | 993.0 | 962.1 | 935.4 | 911.4 | 878.8 | 849.2 | 824.5 |
| 17.5° | 1128.6 | 1098.3 | 1065.4 | 1026.2 | 989.5 | 950.2 | 915.9 | 885.2 | 848.9 | 813.2 | 784.2 |
| 20° | 1134.2 | 1104.2 | 1066.2 | 1027.0 | 983.6 | 937.4 | 900.4 | 867.1 | 828.1 | 789.2 | 755.9 |
| 22.5° | 1130.7 | 1107.4 | 1065.1 | 1018.2 | 973.8 | 925.4 | 883.7 | 845.0 | 801.8 | 762.1 | 723.4 |
| 25° | 1107.2 | 1099.2 | 1059.3 | 1008.0 | 957.3 | 901.1 | 852.8 | 810.5 | 761.3 | 718.6 | 676.6 |
| 27.5° | 1052.4 | 1069.7 | 1044.9 | 990.2 | 934.0 | 873.6 | 819.4 | 771.2 | 720.1 | 672.1 | 630.3 |
| 30° | 999.7 | 1039.3 | 1028.6 | 978.0 | 915.1 | 855.8 | 794.9 | 744.6 | 690.0 | 640.7 | 599.4 |
| 32.5° | 927.5 | 992.9 | 1003.4 | 961.0 | 895.9 | 830.7 | 766.9 | 716.8 | 659.9 | 607.9 | 567.7 |
| 35° | 812.5 | 910.4 | 955.4 | 928.4 | 863.1 | 792.9 | 726.9 | 668.7 | 611.4 | 560.1 | 520.1 |
| 37.5° | 675.4 | 808.7 | 883.7 | 885.6 | 825.6 | 752.6 | 680.8 | 622.9 | 564.3 | 514.0 | 470.7 |
| 40° | 586.4 | 730.9 | 828.5 | 850.2 | 799.5 | 720.6 | 648.0 | 589.1 | 531.8 | 482.5 | 432.9 |
| 42.5° | 506.5 | 650.5 | 770.4 | 808.1 | 767.9 | 689.5 | 616.6 | 555.0 | 499.3 | 452.6 | 402.0 |
| 45° | 409.6 | 535.5 | 667.6 | 734.9 | 712.7 | 640.0 | 563.1 | 504.5 | 452.2 | 411.9 | 363.3 |
| 47.5° | 345.5 | 434.3 | 562.1 | 653.2 | 652.7 | 586.5 | 510.9 | 454.7 | 406.2 | 368.5 | 329.0 |
| 50° | 309.0 | 386.3 | 494.5 | 597.7 | 606.4 | 550.8 | 478.8 | 423.2 | 378.0 | 338.3 | 306.7 |
| 52.5° | 276.3 | 339.9 | 437.2 | 536.2 | 560.8 | 512.6 | 442.9 | 391.6 | 347.6 | 311.1 | 284.0 |
| 55° | 233.4 | 282.7 | 356.7 | 449.2 | 486.5 | 452.5 | 390.6 | 342.7 | 307.0 | 276.4 | 253.1 |
| 57.5° | 197.4 | 234.4 | 293.7 | 368.3 | 411.7 | 390.3 | 339.3 | 300.3 | 269.8 | 242.1 | 223.7 |
| 60° | 174.9 | 205.1 | 255.4 | 317.7 | 365.6 | 350.6 | 307.0 | 270.7 | 244.8 | 220.8 | 203.5 |
| 62.5° | 153.6 | 179.6 | 222.7 | 273.2 | 317.2 | 310.9 | 275.4 | 244.9 | 222.1 | 200.3 | 185.7 |
| 65° | 123.5 | 142.5 | 176.1 | 215.8 | 251.1 | 254.0 | 228.5 | 207.8 | 187.4 | 170.1 | 157.2 |
| 67.5° | 98.4 | 110.8 | 134.5 | 167.8 | 194.3 | 203.8 | 188.1 | 172.3 | 156.1 | 142.8 | 131.5 |
| 70° | 82.9 | 92.9 | 110.2 | 137.2 | 161.5 | 171.5 | 162.5 | 150.2 | 136.2 | 125.2 | 115.6 |
| 72.5° | 67.2 | 77.0 | 89.7 | 109.5 | 130.4 | 141.2 | 138.0 | 129.1 | 117.8 | 108.7 | 99.6 |
| 75° | 50.6 | 53.6 | 62.2 | 75.6 | 91.9 | 101.2 | 103.5 | 98.9 | 89.9 | 82.9 | 77.6 |
| 77.5° | 37.5 | 39.2 | 43.3 | 50.4 | 61.0 | 69.3 | 72.8 | 72.2 | 66.0 | 62.0 | 57.0 |
| 80° | 30.0 | 30.9 | 33.0 | 35.9 | 44.0 | 52.3 | 54.6 | 54.6 | 50.3 | 48.6 | 43.6 |
| 82.5° | 22.7 | 23.5 | 24.7 | 26.4 | 30.1 | 37.4 | 39.9 | 40.5 | 37.7 | 35.6 | 31.7 |
| 85° | 13.0 | 12.7 | 13.3 | 14.4 | 15.0 | 16.9 | 21.0 | 21.7 | 21.0 | 18.3 | 17.3 |
| 87.5° | 6.2 | 6.1 | 5.7 | 5.3 | 5.4 | 5.5 | 6.7 | 7.8 | 7.0 | 6.3 | 6.0 |
| 90° | 8.5 | 6.3 | 4.7 | 3.7 | 3.1 | 2.5 | 1.2 | 0.4 | 1.2 | 2.5 | 3.1 |
| 92.5° | 31.5 | 21.4 | 14.3 | 11.3 | 9.2 | 7.8 | 5.5 | 3.8 | 5.5 | 7.8 | 9.2 |
| 95° | 72.8 | 45.4 | 30.9 | 23.3 | 18.3 | 15.4 | 12.3 | 11.1 | 12.3 | 15.4 | 18.3 |
| 97.5° | 98.1 | 59.8 | 41.6 | 33.1 | 27.3 | 23.0 | 19.6 | 17.9 | 19.6 | 23.0 | 27.3 |
| 100° | 103.3 | 64.9 | 48.2 | 39.4 | 33.1 | 28.0 | 25.2 | 24.3 | 25.2 | 28.0 | 33.1 |
| 102.5° | 103.6 | 69.5 | 54.0 | 45.2 | 38.6 | 33.6 | 30.8 | 30.1 | 30.8 | 33.6 | 38.6 |
| 105° | 105.2 | 77.2 | 62.4 | 53.6 | 46.6 | 41.9 | 39.7 | 38.4 | 39.7 | 41.9 | 46.6 |
| 107.5° | 109.6 | 85.2 | 70.8 | 61.9 | 55.0 | 50.6 | 48.5 | 47.5 | 48.5 | 50.6 | 55.0 |
| 110° | 113.1 | 90.4 | 76.6 | 67.4 | 60.8 | 56.7 | 54.8 | 53.6 | 54.8 | 56.7 | 60.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 116.9 | 95.5 | 82.1 | 72.7 | 66.3 | 62.5 | 60.4 | 59.1 | 60.4 | 62.5 | 66.3 |
| 115° | 122.5 | 103.3 | 89.8 | 81.3 | 75.0 | 71.2 | 69.3 | 67.8 | 69.3 | 71.2 | 75.0 |
| 117.5° | 128.6 | 110.6 | 98.1 | 89.3 | 83.2 | 79.8 | 77.9 | 76.7 | 77.9 | 79.8 | 83.2 |
| 120° | 132.7 | 115.7 | 103.3 | 94.5 | 88.2 | 85.4 | 83.5 | 82.2 | 83.5 | 85.4 | 88.2 |
| 122.5° | 136.2 | 120.4 | 108.9 | 99.8 | 93.5 | 90.4 | 88.5 | 87.6 | 88.5 | 90.4 | 93.5 |
| 125° | 141.8 | 127.6 | 116.3 | 107.5 | 101.1 | 97.4 | 95.5 | 94.5 | 95.5 | 97.4 | 101.1 |
| 127.5° | 147.0 | 134.3 | 123.2 | 114.1 | 108.2 | 104.0 | 101.3 | 100.0 | 101.3 | 104.0 | 108.2 |
| 130° | 150.3 | 138.3 | 127.2 | 118.5 | 112.2 | 107.7 | 104.6 | 103.3 | 104.6 | 107.7 | 112.2 |
| 132.5° | 153.6 | 141.9 | 131.3 | 122.5 | 115.9 | 111.3 | 107.9 | 106.4 | 107.9 | 111.3 | 115.9 |
| 135° | 157.8 | 146.9 | 136.7 | 128.0 | 120.6 | 115.9 | 112.2 | 110.9 | 112.2 | 115.9 | 120.6 |
| 137.5° | 161.1 | 150.9 | 140.9 | 132.7 | 125.6 | 120.5 | 116.7 | 115.2 | 116.7 | 120.5 | 125.6 |
| 140° | 162.9 | 153.1 | 143.7 | 135.5 | 128.6 | 123.5 | 119.8 | 118.5 | 119.8 | 123.5 | 128.6 |
| 142.5° | 164.4 | 154.9 | 145.7 | 138.0 | 131.3 | 126.3 | 122.8 | 121.7 | 122.8 | 126.3 | 131.3 |
| 145° | 166.4 | 157.6 | 149.0 | 142.1 | 135.8 | 131.1 | 128.0 | 126.6 | 128.0 | 131.1 | 135.8 |
| 147.5° | 167.5 | 159.7 | 151.7 | 145.5 | 140.3 | 135.9 | 132.9 | 132.0 | 132.9 | 135.9 | 140.3 |
| 150° | 167.9 | 160.7 | 153.5 | 147.8 | 143.0 | 138.9 | 136.4 | 135.5 | 136.4 | 138.9 | 143.0 |
| 152.5° | 168.2 | 161.7 | 155.2 | 150.1 | 145.5 | 142.0 | 139.5 | 139.0 | 139.5 | 142.0 | 145.5 |
| 155° | 168.5 | 163.2 | 157.8 | 153.1 | 149.6 | 146.2 | 144.3 | 144.0 | 144.3 | 146.2 | 149.6 |
| 157.5° | 168.5 | 164.3 | 159.7 | 155.8 | 153.0 | 150.0 | 148.5 | 148.1 | 148.5 | 150.0 | 153.0 |
| 160° | 168.5 | 164.8 | 161.0 | 157.6 | 155.0 | 152.5 | 151.2 | 150.9 | 151.2 | 152.5 | 155.0 |
| 162.5° | 168.3 | 165.1 | 161.8 | 159.1 | 156.8 | 154.8 | 153.5 | 153.7 | 153.5 | 154.8 | 156.8 |
| 165° | 167.6 | 165.4 | 162.6 | 160.7 | 159.1 | 157.2 | 156.6 | 156.9 | 156.6 | 157.2 | 159.1 |
| 167.5° | 167.2 | 165.3 | 163.3 | 162.1 | 161.0 | 159.7 | 159.2 | 159.5 | 159.2 | 159.7 | 161.0 |
| 170° | 166.7 | 165.1 | 163.5 | 162.6 | 161.9 | 161.0 | 160.7 | 161.3 | 160.7 | 161.0 | 161.9 |
| 172.5° | 165.9 | 164.9 | 163.8 | 163.1 | 162.7 | 161.8 | 161.9 | 162.3 | 161.9 | 161.8 | 162.7 |
| 175° | 165.1 | 164.4 | 163.8 | 163.5 | 163.5 | 162.9 | 163.2 | 163.5 | 163.2 | 162.9 | 163.5 |
| 177.5° | 164.6 | 164.1 | 163.8 | 163.8 | 163.8 | 163.4 | 163.5 | 164.1 | 163.5 | 163.4 | 163.8 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 944.8 | 942.9 | 939.4 | 934.2 | 930.9 | 925.3 | 921.6 | 923.7 | 924.3 | 923.7 | 923.2 |
| 5° | 919.4 | 912.4 | 902.8 | 893.4 | 884.8 | 875.5 | 870.1 | 867.8 | 863.1 | 860.5 | 859.2 |
| 7.5° | 888.7 | 876.6 | 863.0 | 846.8 | 832.9 | 818.5 | 811.1 | 807.4 | 797.9 | 792.7 | 788.2 |
| 10° | 865.8 | 846.8 | 833.1 | 811.8 | 798.9 | 779.9 | 766.9 | 767.2 | 754.2 | 746.9 | 741.5 |
| 12.5° | 840.5 | 819.7 | 796.9 | 777.8 | 759.7 | 744.5 | 728.8 | 722.5 | 708.6 | 701.6 | 687.2 |
| 15° | 798.5 | 774.2 | 750.3 | 724.2 | 706.0 | 682.3 | 659.7 | 632.0 | 609.8 | 590.4 | 585.1 |
| 17.5° | 752.7 | 722.6 | 698.6 | 668.1 | 636.7 | 596.9 | 570.7 | 554.6 | 541.2 | 531.0 | 523.4 |
| 20° | 721.3 | 690.6 | 665.0 | 619.0 | 576.8 | 549.7 | 530.5 | 518.2 | 504.2 | 493.2 | 487.1 |
| 22.5° | 688.2 | 656.3 | 621.3 | 570.0 | 537.1 | 515.4 | 498.2 | 484.0 | 474.6 | 466.0 | 460.6 |
| 25° | 641.3 | 606.4 | 548.8 | 513.4 | 486.9 | 464.2 | 452.2 | 443.5 | 433.5 | 421.9 | 416.6 |
| 27.5° | 591.8 | 536.2 | 494.8 | 468.6 | 443.2 | 428.5 | 417.7 | 404.7 | 395.8 | 390.6 | 385.0 |
| 30° | 554.7 | 499.2 | 466.9 | 438.2 | 420.3 | 403.9 | 391.3 | 384.0 | 375.3 | 366.3 | 362.7 |
| 32.5° | 513.4 | 469.0 | 438.1 | 414.3 | 396.0 | 382.1 | 372.1 | 360.3 | 354.0 | 348.5 | 340.8 |
| 35° | 462.2 | 428.6 | 400.3 | 380.9 | 363.6 | 352.3 | 340.6 | 333.7 | 322.4 | 317.7 | 314.7 |
| 37.5° | 418.7 | 389.6 | 368.5 | 348.1 | 334.4 | 321.9 | 314.8 | 303.6 | 298.7 | 292.2 | 285.9 |
| 40° | 394.2 | 365.6 | 345.4 | 328.7 | 313.3 | 304.0 | 295.1 | 286.1 | 278.7 | 275.7 | 268.0 |
| 42.5° | 369.3 | 345.9 | 325.6 | 307.4 | 297.1 | 287.2 | 275.9 | 269.3 | 261.6 | 256.8 | 252.1 |
| 45° | 334.7 | 314.1 | 296.7 | 281.7 | 270.4 | 260.1 | 252.7 | 241.7 | 237.5 | 227.7 | 223.7 |
| 47.5° | 304.3 | 285.1 | 268.6 | 254.3 | 243.3 | 236.6 | 225.9 | 217.2 | 210.4 | 204.4 | 199.3 |
| 50° | 282.7 | 266.7 | 250.7 | 238.1 | 228.1 | 218.5 | 207.5 | 203.1 | 192.4 | 189.5 | 186.5 |
| 52.5° | 263.0 | 247.8 | 233.2 | 220.8 | 210.8 | 201.4 | 191.7 | 186.1 | 178.9 | 175.8 | 173.7 |
| 55° | 235.4 | 220.8 | 206.8 | 195.8 | 185.8 | 176.1 | 170.1 | 163.2 | 159.8 | 157.5 | 154.8 |
| 57.5° | 207.7 | 194.6 | 183.8 | 172.7 | 162.6 | 155.0 | 148.0 | 143.8 | 140.4 | 137.3 | 134.1 |
| 60° | 190.1 | 177.5 | 167.8 | 157.5 | 147.2 | 140.9 | 135.5 | 130.5 | 126.5 | 121.9 | 120.6 |
| 62.5° | 171.5 | 160.4 | 151.6 | 141.5 | 132.5 | 126.7 | 121.7 | 117.0 | 112.2 | 105.4 | 103.5 |
| 65° | 145.9 | 137.2 | 127.9 | 119.6 | 111.6 | 105.9 | 98.5 | 93.3 | 91.2 | 90.6 | 90.2 |
| 67.5° | 122.7 | 114.5 | 106.5 | 98.0 | 90.7 | 85.4 | 81.7 | 80.9 | 79.5 | 79.1 | 78.2 |
| 70° | 107.2 | 99.6 | 91.6 | 83.6 | 76.6 | 75.6 | 74.3 | 72.9 | 71.2 | 70.6 | 69.9 |
| 72.5° | 93.4 | 85.4 | 77.5 | 71.1 | 68.0 | 66.8 | 65.5 | 64.1 | 63.0 | 62.3 | 62.0 |
| 75° | 71.6 | 64.3 | 58.9 | 56.6 | 54.9 | 53.9 | 52.0 | 50.9 | 50.3 | 49.3 | 49.0 |
| 77.5° | 51.5 | 47.4 | 44.9 | 43.5 | 41.7 | 40.7 | 39.6 | 38.5 | 37.8 | 37.6 | 37.1 |
| 80° | 39.3 | 37.3 | 35.7 | 33.6 | 33.0 | 31.7 | 31.3 | 30.3 | 30.7 | 29.6 | 29.6 |
| 82.5° | 30.5 | 28.0 | 26.6 | 25.7 | 25.0 | 23.9 | 23.5 | 23.1 | 23.2 | 22.5 | 22.5 |
| 85° | 15.7 | 15.0 | 14.4 | 13.6 | 13.6 | 12.7 | 13.0 | 12.7 | 12.7 | 11.9 | 11.7 |
| 87.5° | 5.8 | 5.7 | 5.5 | 6.0 | 6.3 | 6.2 | 6.1 | 5.7 | 5.6 | 5.7 | 5.5 |
| 90° | 3.7 | 4.7 | 6.3 | 8.5 | 10.4 | 10.7 | 10.4 | 10.1 | 9.5 | 10.1 | 10.4 |
| 92.5° | 11.3 | 14.3 | 21.4 | 31.5 | 40.4 | 40.9 | 34.6 | 27.5 | 23.5 | 21.0 | 19.0 |
| 95° | 23.3 | 30.9 | 45.4 | 72.8 | 109.3 | 123.5 | 108.1 | 82.6 | 63.3 | 50.1 | 43.2 |
| 97.5° | 33.1 | 41.6 | 59.8 | 98.1 | 158.8 | 210.8 | 221.1 | 192.6 | 157.6 | 123.5 | 100.8 |
| 100° | 39.4 | 48.2 | 64.9 | 103.3 | 171.4 | 248.9 | 294.3 | 287.7 | 248.6 | 205.5 | 167.3 |
| 102.5° | 45.2 | 54.0 | 69.5 | 103.6 | 166.6 | 250.1 | 321.5 | 349.9 | 341.1 | 309.5 | 269.1 |
| 105° | 53.6 | 62.4 | 77.2 | 105.2 | 157.2 | 233.4 | 317.3 | 382.8 | 418.4 | 422.5 | 412.1 |
| 107.5° | 61.9 | 70.8 | 85.2 | 109.6 | 152.6 | 215.5 | 289.6 | 359.1 | 412.8 | 445.5 | 460.7 |
| 110° | 67.4 | 76.6 | 90.4 | 113.1 | 151.6 | 207.0 | 272.2 | 338.7 | 395.1 | 435.4 | 461.3 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 72.7 | 82.1 | 95.5 | 116.9 | 151.8 | 201.4 | 260.1 | 320.0 | 374.2 | 417.2 | 446.9 |
| 115° | 81.3 | 89.8 | 103.3 | 122.5 | 153.1 | 195.4 | 245.1 | 297.1 | 345.6 | 386.9 | 419.4 |
| 117.5° | 89.3 | 98.1 | 110.6 | 128.6 | 155.4 | 192.3 | 235.7 | 279.8 | 322.4 | 359.9 | 390.3 |
| 120° | 94.5 | 103.3 | 115.7 | 132.7 | 156.9 | 190.6 | 230.6 | 271.3 | 310.3 | 343.8 | 372.4 |
| 122.5° | 99.8 | 108.9 | 120.4 | 136.2 | 158.6 | 189.6 | 226.3 | 264.5 | 300.2 | 331.9 | 357.8 |
| 125° | 107.5 | 116.3 | 127.6 | 141.8 | 161.3 | 187.8 | 220.3 | 254.6 | 287.0 | 314.8 | 338.4 |
| 127.5° | 114.1 | 123.2 | 134.3 | 147.0 | 164.0 | 186.7 | 214.5 | 244.8 | 274.2 | 300.3 | 322.1 |
| 130° | 118.5 | 127.2 | 138.3 | 150.3 | 166.0 | 186.2 | 210.8 | 238.5 | 265.6 | 290.5 | 311.3 |
| 132.5° | 122.5 | 131.3 | 141.9 | 153.6 | 168.1 | 185.9 | 207.8 | 232.5 | 257.5 | 280.4 | 300.0 |
| 135° | 128.0 | 136.7 | 146.9 | 157.8 | 170.5 | 185.6 | 203.5 | 224.0 | 244.8 | 265.6 | 283.2 |
| 137.5° | 132.7 | 140.9 | 150.9 | 161.1 | 172.6 | 185.5 | 200.5 | 217.3 | 234.7 | 251.2 | 266.5 |
| 140° | 135.5 | 143.7 | 153.1 | 162.9 | 173.6 | 185.3 | 198.8 | 212.9 | 228.1 | 242.6 | 256.5 |
| 142.5° | 138.0 | 145.7 | 154.9 | 164.4 | 174.3 | 185.3 | 197.1 | 209.5 | 222.3 | 234.8 | 246.4 |
| 145° | 142.1 | 149.0 | 157.6 | 166.4 | 175.1 | 184.6 | 194.7 | 204.5 | 214.9 | 224.6 | 233.8 |
| 147.5° | 145.5 | 151.7 | 159.7 | 167.5 | 175.4 | 183.5 | 192.3 | 200.6 | 208.8 | 216.4 | 223.1 |
| 150° | 147.8 | 153.5 | 160.7 | 167.9 | 175.1 | 182.7 | 190.3 | 197.9 | 204.8 | 211.4 | 217.0 |
| 152.5° | 150.1 | 155.2 | 161.7 | 168.2 | 174.7 | 181.5 | 188.5 | 195.1 | 201.5 | 207.1 | 212.0 |
| 155° | 153.1 | 157.8 | 163.2 | 168.5 | 173.9 | 179.2 | 185.3 | 191.3 | 196.3 | 201.0 | 204.5 |
| 157.5° | 155.8 | 159.7 | 164.3 | 168.5 | 172.5 | 177.0 | 182.2 | 186.8 | 191.0 | 194.9 | 197.7 |
| 160° | 157.6 | 161.0 | 164.8 | 168.5 | 171.7 | 175.5 | 179.9 | 184.0 | 187.4 | 190.9 | 193.1 |
| 162.5° | 159.1 | 161.8 | 165.1 | 168.3 | 170.9 | 174.2 | 177.9 | 181.2 | 184.2 | 187.2 | 188.9 |
| 165° | 160.7 | 162.6 | 165.4 | 167.6 | 169.5 | 171.7 | 174.5 | 177.1 | 179.2 | 181.5 | 182.7 |
| 167.5° | 162.1 | 163.3 | 165.3 | 167.2 | 168.1 | 169.5 | 171.3 | 173.1 | 174.8 | 176.3 | 177.5 |
| 170° | 162.6 | 163.5 | 165.1 | 166.7 | 167.3 | 168.3 | 169.5 | 171.1 | 172.0 | 173.3 | 173.9 |
| 172.5° | 163.1 | 163.8 | 164.9 | 165.9 | 166.3 | 166.7 | 167.7 | 168.8 | 169.5 | 170.5 | 170.9 |
| 175° | 163.5 | 163.8 | 164.4 | 165.1 | 164.8 | 165.1 | 165.4 | 166.4 | 166.7 | 167.0 | 167.3 |
| 177.5° | 163.8 | 163.8 | 164.1 | 164.6 | 164.1 | 163.8 | 164.1 | 164.6 | 164.6 | 164.9 | 164.9 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 920.2 | 920.8 | 920.0 | 920.5 | 920.0 | 920.8 | 920.2 | 923.2 | 923.7 | 924.3 | 923.7 |
| 5° | 857.5 | 853.5 | 852.8 | 851.9 | 852.8 | 853.5 | 857.5 | 859.2 | 860.5 | 863.1 | 867.8 |
| 7.5° | 782.5 | 781.9 | 780.2 | 777.8 | 780.2 | 781.9 | 782.5 | 788.2 | 792.7 | 797.9 | 807.4 |
| 10° | 734.2 | 732.6 | 732.3 | 730.0 | 732.3 | 732.6 | 734.2 | 741.5 | 746.9 | 754.2 | 767.2 |
| 12.5° | 677.8 | 667.1 | 665.9 | 660.1 | 665.9 | 667.1 | 677.8 | 687.2 | 701.6 | 708.6 | 722.5 |
| 15° | 577.1 | 575.1 | 568.5 | 564.1 | 568.5 | 575.1 | 577.1 | 585.1 | 590.4 | 609.8 | 632.0 |
| 17.5° | 519.5 | 513.0 | 511.0 | 510.1 | 511.0 | 513.0 | 519.5 | 523.4 | 531.0 | 541.2 | 554.6 |
| 20° | 482.5 | 476.5 | 475.5 | 474.8 | 475.5 | 476.5 | 482.5 | 487.1 | 493.2 | 504.2 | 518.2 |
| 22.5° | 456.9 | 450.7 | 448.1 | 446.1 | 448.1 | 450.7 | 456.9 | 460.6 | 466.0 | 474.6 | 484.0 |
| 25° | 413.2 | 410.9 | 409.6 | 408.9 | 409.6 | 410.9 | 413.2 | 416.6 | 421.9 | 433.5 | 443.5 |
| 27.5° | 379.1 | 374.0 | 372.9 | 371.2 | 372.9 | 374.0 | 379.1 | 385.0 | 390.6 | 395.8 | 404.7 |
| 30° | 359.6 | 357.9 | 355.6 | 353.7 | 355.6 | 357.9 | 359.6 | 362.7 | 366.3 | 375.3 | 384.0 |
| 32.5° | 336.7 | 335.4 | 333.2 | 332.3 | 333.2 | 335.4 | 336.7 | 340.8 | 348.5 | 354.0 | 360.3 |
| 35° | 311.4 | 306.7 | 304.7 | 301.7 | 304.7 | 306.7 | 311.4 | 314.7 | 317.7 | 322.4 | 333.7 |
| 37.5° | 284.5 | 282.0 | 279.3 | 280.3 | 279.3 | 282.0 | 284.5 | 285.9 | 292.2 | 298.7 | 303.6 |
| 40° | 263.8 | 262.1 | 261.4 | 261.1 | 261.4 | 262.1 | 263.8 | 268.0 | 275.7 | 278.7 | 286.1 |
| 42.5° | 247.2 | 242.6 | 240.9 | 240.9 | 240.9 | 242.6 | 247.2 | 252.1 | 256.8 | 261.6 | 269.3 |
| 45° | 222.1 | 217.8 | 214.8 | 215.1 | 214.8 | 217.8 | 222.1 | 223.7 | 227.7 | 237.5 | 241.7 |
| 47.5° | 196.4 | 196.3 | 194.4 | 195.0 | 194.4 | 196.3 | 196.4 | 199.3 | 204.4 | 210.4 | 217.2 |
| 50° | 184.1 | 182.2 | 180.8 | 181.1 | 180.8 | 182.2 | 184.1 | 186.5 | 189.5 | 192.4 | 203.1 |
| 52.5° | 172.5 | 170.7 | 169.6 | 171.0 | 169.6 | 170.7 | 172.5 | 173.7 | 175.8 | 178.9 | 186.1 |
| 55° | 153.2 | 151.1 | 150.9 | 150.5 | 150.9 | 151.1 | 153.2 | 154.8 | 157.5 | 159.8 | 163.2 |
| 57.5° | 131.7 | 130.4 | 128.3 | 127.5 | 128.3 | 130.4 | 131.7 | 134.1 | 137.3 | 140.4 | 143.8 |
| 60° | 116.2 | 113.5 | 110.2 | 109.9 | 110.2 | 113.5 | 116.2 | 120.6 | 121.9 | 126.5 | 130.5 |
| 62.5° | 102.1 | 101.6 | 100.9 | 100.9 | 100.9 | 101.6 | 102.1 | 103.5 | 105.4 | 112.2 | 117.0 |
| 65° | 89.6 | 89.3 | 89.6 | 89.9 | 89.6 | 89.3 | 89.6 | 90.2 | 90.6 | 91.2 | 93.3 |
| 67.5° | 78.0 | 77.5 | 76.9 | 77.1 | 76.9 | 77.5 | 78.0 | 78.2 | 79.1 | 79.5 | 80.9 |
| 70° | 69.3 | 68.9 | 68.6 | 68.6 | 68.6 | 68.9 | 69.3 | 69.9 | 70.6 | 71.2 | 72.9 |
| 72.5° | 60.7 | 60.6 | 60.4 | 60.1 | 60.4 | 60.6 | 60.7 | 62.0 | 62.3 | 63.0 | 64.1 |
| 75° | 48.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.6 | 49.0 | 49.3 | 50.3 | 50.9 |
| 77.5° | 37.0 | 36.7 | 36.4 | 36.1 | 36.4 | 36.7 | 37.0 | 37.1 | 37.6 | 37.8 | 38.5 |
| 80° | 29.3 | 29.0 | 28.6 | 28.6 | 28.6 | 29.0 | 29.3 | 29.6 | 29.6 | 30.7 | 30.3 |
| 82.5° | 22.4 | 22.0 | 21.9 | 21.7 | 21.9 | 22.0 | 22.4 | 22.5 | 22.5 | 23.2 | 23.1 |
| 85° | 11.9 | 12.3 | 11.9 | 12.7 | 11.9 | 12.3 | 11.9 | 11.7 | 11.9 | 12.7 | 12.7 |
| 87.5° | 5.5 | 5.3 | 5.5 | 5.3 | 5.5 | 5.3 | 5.5 | 5.5 | 5.7 | 5.6 | 5.7 |
| 90° | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.1 | 9.5 | 10.1 |
| 92.5° | 18.7 | 17.7 | 17.9 | 17.5 | 17.9 | 17.7 | 18.7 | 19.0 | 21.0 | 23.5 | 27.5 |
| 95° | 39.1 | 36.6 | 35.6 | 35.9 | 35.6 | 36.6 | 39.1 | 43.2 | 50.1 | 63.3 | 82.6 |
| 97.5° | 85.7 | 77.9 | 73.4 | 70.7 | 73.4 | 77.9 | 85.7 | 100.8 | 123.5 | 157.6 | 192.6 |
| 100° | 141.2 | 127.6 | 118.5 | 112.8 | 118.5 | 127.6 | 141.2 | 167.3 | 205.5 | 248.6 | 287.7 |
| 102.5° | 240.7 | 217.6 | 206.2 | 198.5 | 206.2 | 217.6 | 240.7 | 269.1 | 309.5 | 341.1 | 349.9 |
| 105° | 392.5 | 373.0 | 359.4 | 355.1 | 359.4 | 373.0 | 392.5 | 412.1 | 422.5 | 418.4 | 382.8 |
| 107.5° | 463.2 | 462.2 | 459.4 | 453.6 | 459.4 | 462.2 | 463.2 | 460.7 | 445.5 | 412.8 | 359.1 |
| 110° | 474.8 | 480.8 | 483.7 | 483.3 | 483.7 | 480.8 | 474.8 | 461.3 | 435.4 | 395.1 | 338.7 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 465.7 | 475.7 | 481.1 | 482.8 | 481.1 | 475.7 | 465.7 | 446.9 | 417.2 | 374.2 | 320.0 |
| 115° | 441.8 | 456.2 | 464.4 | 467.3 | 464.4 | 456.2 | 441.8 | 419.4 | 386.9 | 345.6 | 297.1 |
| 117.5° | 413.1 | 428.5 | 437.0 | 439.4 | 437.0 | 428.5 | 413.1 | 390.3 | 359.9 | 322.4 | 279.8 |
| 120° | 394.5 | 409.3 | 418.4 | 421.6 | 418.4 | 409.3 | 394.5 | 372.4 | 343.8 | 310.3 | 271.3 |
| 122.5° | 377.6 | 392.2 | 400.3 | 402.9 | 400.3 | 392.2 | 377.6 | 357.8 | 331.9 | 300.2 | 264.5 |
| 125° | 356.7 | 368.6 | 376.5 | 379.1 | 376.5 | 368.6 | 356.7 | 338.4 | 314.8 | 287.0 | 254.6 |
| 127.5° | 338.0 | 349.3 | 356.1 | 358.1 | 356.1 | 349.3 | 338.0 | 322.1 | 300.3 | 274.2 | 244.8 |
| 130° | 326.7 | 337.4 | 343.8 | 346.3 | 343.8 | 337.4 | 326.7 | 311.3 | 290.5 | 265.6 | 238.5 |
| 132.5° | 315.1 | 325.8 | 331.6 | 333.9 | 331.6 | 325.8 | 315.1 | 300.0 | 280.4 | 257.5 | 232.5 |
| 135° | 296.8 | 307.2 | 312.9 | 314.1 | 312.9 | 307.2 | 296.8 | 283.2 | 265.6 | 244.8 | 224.0 |
| 137.5° | 278.9 | 287.8 | 292.8 | 294.7 | 292.8 | 287.8 | 278.9 | 266.5 | 251.2 | 234.7 | 217.3 |
| 140° | 266.5 | 274.7 | 279.5 | 281.3 | 279.5 | 274.7 | 266.5 | 256.5 | 242.6 | 228.1 | 212.9 |
| 142.5° | 255.9 | 263.4 | 267.6 | 268.0 | 267.6 | 263.4 | 255.9 | 246.4 | 234.8 | 222.3 | 209.5 |
| 145° | 241.3 | 246.7 | 249.9 | 250.7 | 249.9 | 246.7 | 241.3 | 233.8 | 224.6 | 214.9 | 204.5 |
| 147.5° | 229.3 | 233.6 | 235.8 | 236.4 | 235.8 | 233.6 | 229.3 | 223.1 | 216.4 | 208.8 | 200.6 |
| 150° | 221.8 | 225.6 | 227.5 | 227.8 | 227.5 | 225.6 | 221.8 | 217.0 | 211.4 | 204.8 | 197.9 |
| 152.5° | 215.8 | 219.0 | 220.4 | 220.5 | 220.4 | 219.0 | 215.8 | 212.0 | 207.1 | 201.5 | 195.1 |
| 155° | 207.9 | 210.2 | 211.4 | 210.8 | 211.4 | 210.2 | 207.9 | 204.5 | 201.0 | 196.3 | 191.3 |
| 157.5° | 200.1 | 202.0 | 202.5 | 202.5 | 202.5 | 202.0 | 200.1 | 197.7 | 194.9 | 191.0 | 186.8 |
| 160° | 195.4 | 196.9 | 197.2 | 197.2 | 197.2 | 196.9 | 195.4 | 193.1 | 190.9 | 187.4 | 184.0 |
| 162.5° | 191.1 | 192.2 | 192.4 | 192.2 | 192.4 | 192.2 | 191.1 | 188.9 | 187.2 | 184.2 | 181.2 |
| 165° | 184.0 | 185.3 | 185.3 | 184.9 | 185.3 | 185.3 | 184.0 | 182.7 | 181.5 | 179.2 | 177.1 |
| 167.5° | 178.0 | 178.7 | 178.6 | 178.3 | 178.6 | 178.7 | 178.0 | 177.5 | 176.3 | 174.8 | 173.1 |
| 170° | 174.2 | 175.1 | 174.9 | 174.2 | 174.9 | 175.1 | 174.2 | 173.9 | 173.3 | 172.0 | 171.1 |
| 172.5° | 171.2 | 171.7 | 171.3 | 170.9 | 171.3 | 171.7 | 171.2 | 170.9 | 170.5 | 169.5 | 168.8 |
| 175° | 167.3 | 167.6 | 167.3 | 166.7 | 167.3 | 167.6 | 167.3 | 167.3 | 167.0 | 166.7 | 166.4 |
| 177.5° | 164.9 | 164.9 | 164.6 | 164.1 | 164.6 | 164.9 | 164.9 | 164.9 | 164.9 | 164.6 | 164.6 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 921.6 | 925.3 | 930.9 | 934.2 | 939.4 | 942.9 | 944.8 | 948.2 | 950.1 | 956.8 | 963.7 |
| 5° | 870.1 | 875.5 | 884.8 | 893.4 | 902.8 | 912.4 | 919.4 | 927.4 | 934.7 | 947.4 | 960.7 |
| 7.5° | 811.1 | 818.5 | 832.9 | 846.8 | 863.0 | 876.6 | 888.7 | 902.3 | 914.5 | 932.6 | 951.5 |
| 10° | 766.9 | 779.9 | 798.9 | 811.8 | 833.1 | 846.8 | 865.8 | 880.7 | 897.8 | 921.8 | 943.1 |
| 12.5° | 728.8 | 744.5 | 759.7 | 777.8 | 796.9 | 819.7 | 840.5 | 859.7 | 879.9 | 904.7 | 929.7 |
| 15° | 659.7 | 682.3 | 706.0 | 724.2 | 750.3 | 774.2 | 798.5 | 824.5 | 849.2 | 878.8 | 911.4 |
| 17.5° | 570.7 | 596.9 | 636.7 | 668.1 | 698.6 | 722.6 | 752.7 | 784.2 | 813.2 | 848.9 | 885.2 |
| 20° | 530.5 | 549.7 | 576.8 | 619.0 | 665.0 | 690.6 | 721.3 | 755.9 | 789.2 | 828.1 | 867.1 |
| 22.5° | 498.2 | 515.4 | 537.1 | 570.0 | 621.3 | 656.3 | 688.2 | 723.4 | 762.1 | 801.8 | 845.0 |
| 25° | 452.2 | 464.2 | 486.9 | 513.4 | 548.8 | 606.4 | 641.3 | 676.6 | 718.6 | 761.3 | 810.5 |
| 27.5° | 417.7 | 428.5 | 443.2 | 468.6 | 494.8 | 536.2 | 591.8 | 630.3 | 672.1 | 720.1 | 771.2 |
| 30° | 391.3 | 403.9 | 420.3 | 438.2 | 466.9 | 499.2 | 554.7 | 599.4 | 640.7 | 690.0 | 744.6 |
| 32.5° | 372.1 | 382.1 | 396.0 | 414.3 | 438.1 | 469.0 | 513.4 | 567.7 | 607.9 | 659.9 | 716.8 |
| 35° | 340.6 | 352.3 | 363.6 | 380.9 | 400.3 | 428.6 | 462.2 | 520.1 | 560.1 | 611.4 | 668.7 |
| 37.5° | 314.8 | 321.9 | 334.4 | 348.1 | 368.5 | 389.6 | 418.7 | 470.7 | 514.0 | 564.3 | 622.9 |
| 40° | 295.1 | 304.0 | 313.3 | 328.7 | 345.4 | 365.6 | 394.2 | 432.9 | 482.5 | 531.8 | 589.1 |
| 42.5° | 275.9 | 287.2 | 297.1 | 307.4 | 325.6 | 345.9 | 369.3 | 402.0 | 452.6 | 499.3 | 555.0 |
| 45° | 252.7 | 260.1 | 270.4 | 281.7 | 296.7 | 314.1 | 334.7 | 363.3 | 411.9 | 452.2 | 504.5 |
| 47.5° | 225.9 | 236.6 | 243.3 | 254.3 | 268.6 | 285.1 | 304.3 | 329.0 | 368.5 | 406.2 | 454.7 |
| 50° | 207.5 | 218.5 | 228.1 | 238.1 | 250.7 | 266.7 | 282.7 | 306.7 | 338.3 | 378.0 | 423.2 |
| 52.5° | 191.7 | 201.4 | 210.8 | 220.8 | 233.2 | 247.8 | 263.0 | 284.0 | 311.1 | 347.6 | 391.6 |
| 55° | 170.1 | 176.1 | 185.8 | 195.8 | 206.8 | 220.8 | 235.4 | 253.1 | 276.4 | 307.0 | 342.7 |
| 57.5° | 148.0 | 155.0 | 162.6 | 172.7 | 183.8 | 194.6 | 207.7 | 223.7 | 242.1 | 269.8 | 300.3 |
| 60° | 135.5 | 140.9 | 147.2 | 157.5 | 167.8 | 177.5 | 190.1 | 203.5 | 220.8 | 244.8 | 270.7 |
| 62.5° | 121.7 | 126.7 | 132.5 | 141.5 | 151.6 | 160.4 | 171.5 | 185.7 | 200.3 | 222.1 | 244.9 |
| 65° | 98.5 | 105.9 | 111.6 | 119.6 | 127.9 | 137.2 | 145.9 | 157.2 | 170.1 | 187.4 | 207.8 |
| 67.5° | 81.7 | 85.4 | 90.7 | 98.0 | 106.5 | 114.5 | 122.7 | 131.5 | 142.8 | 156.1 | 172.3 |
| 70° | 74.3 | 75.6 | 76.6 | 83.6 | 91.6 | 99.6 | 107.2 | 115.6 | 125.2 | 136.2 | 150.2 |
| 72.5° | 65.5 | 66.8 | 68.0 | 71.1 | 77.5 | 85.4 | 93.4 | 99.6 | 108.7 | 117.8 | 129.1 |
| 75° | 52.0 | 53.9 | 54.9 | 56.6 | 58.9 | 64.3 | 71.6 | 77.6 | 82.9 | 89.9 | 98.9 |
| 77.5° | 39.6 | 40.7 | 41.7 | 43.5 | 44.9 | 47.4 | 51.5 | 57.0 | 62.0 | 66.0 | 72.2 |
| 80° | 31.3 | 31.7 | 33.0 | 33.6 | 35.7 | 37.3 | 39.3 | 43.6 | 48.6 | 50.3 | 54.6 |
| 82.5° | 23.5 | 23.9 | 25.0 | 25.7 | 26.6 | 28.0 | 30.5 | 31.7 | 35.6 | 37.7 | 40.5 |
| 85° | 13.0 | 12.7 | 13.6 | 13.6 | 14.4 | 15.0 | 15.7 | 17.3 | 18.3 | 21.0 | 21.7 |
| 87.5° | 6.1 | 6.2 | 6.3 | 6.0 | 5.5 | 5.7 | 5.8 | 6.0 | 6.3 | 7.0 | 7.8 |
| 90° | 10.4 | 10.7 | 10.4 | 8.5 | 6.3 | 4.7 | 3.7 | 3.1 | 2.5 | 1.2 | 0.4 |
| 92.5° | 34.6 | 40.9 | 40.4 | 31.5 | 21.4 | 14.3 | 11.3 | 9.2 | 7.8 | 5.5 | 3.8 |
| 95° | 108.1 | 123.5 | 109.3 | 72.8 | 45.4 | 30.9 | 23.3 | 18.3 | 15.4 | 12.3 | 11.1 |
| 97.5° | 221.1 | 210.8 | 158.8 | 98.1 | 59.8 | 41.6 | 33.1 | 27.3 | 23.0 | 19.6 | 17.9 |
| 100° | 294.3 | 248.9 | 171.4 | 103.3 | 64.9 | 48.2 | 39.4 | 33.1 | 28.0 | 25.2 | 24.3 |
| 102.5° | 321.5 | 250.1 | 166.6 | 103.6 | 69.5 | 54.0 | 45.2 | 38.6 | 33.6 | 30.8 | 30.1 |
| 105° | 317.3 | 233.4 | 157.2 | 105.2 | 77.2 | 62.4 | 53.6 | 46.6 | 41.9 | 39.7 | 38.4 |
| 107.5° | 289.6 | 215.5 | 152.6 | 109.6 | 85.2 | 70.8 | 61.9 | 55.0 | 50.6 | 48.5 | 47.5 |
| 110° | 272.2 | 207.0 | 151.6 | 113.1 | 90.4 | 76.6 | 67.4 | 60.8 | 56.7 | 54.8 | 53.6 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 260.1 | 201.4 | 151.8 | 116.9 | 95.5 | 82.1 | 72.7 | 66.3 | 62.5 | 60.4 | 59.1 |
| 115° | 245.1 | 195.4 | 153.1 | 122.5 | 103.3 | 89.8 | 81.3 | 75.0 | 71.2 | 69.3 | 67.8 |
| 117.5° | 235.7 | 192.3 | 155.4 | 128.6 | 110.6 | 98.1 | 89.3 | 83.2 | 79.8 | 77.9 | 76.7 |
| 120° | 230.6 | 190.6 | 156.9 | 132.7 | 115.7 | 103.3 | 94.5 | 88.2 | 85.4 | 83.5 | 82.2 |
| 122.5° | 226.3 | 189.6 | 158.6 | 136.2 | 120.4 | 108.9 | 99.8 | 93.5 | 90.4 | 88.5 | 87.6 |
| 125° | 220.3 | 187.8 | 161.3 | 141.8 | 127.6 | 116.3 | 107.5 | 101.1 | 97.4 | 95.5 | 94.5 |
| 127.5° | 214.5 | 186.7 | 164.0 | 147.0 | 134.3 | 123.2 | 114.1 | 108.2 | 104.0 | 101.3 | 100.0 |
| 130° | 210.8 | 186.2 | 166.0 | 150.3 | 138.3 | 127.2 | 118.5 | 112.2 | 107.7 | 104.6 | 103.3 |
| 132.5° | 207.8 | 185.9 | 168.1 | 153.6 | 141.9 | 131.3 | 122.5 | 115.9 | 111.3 | 107.9 | 106.4 |
| 135° | 203.5 | 185.6 | 170.5 | 157.8 | 146.9 | 136.7 | 128.0 | 120.6 | 115.9 | 112.2 | 110.9 |
| 137.5° | 200.5 | 185.5 | 172.6 | 161.1 | 150.9 | 140.9 | 132.7 | 125.6 | 120.5 | 116.7 | 115.2 |
| 140° | 198.8 | 185.3 | 173.6 | 162.9 | 153.1 | 143.7 | 135.5 | 128.6 | 123.5 | 119.8 | 118.5 |
| 142.5° | 197.1 | 185.3 | 174.3 | 164.4 | 154.9 | 145.7 | 138.0 | 131.3 | 126.3 | 122.8 | 121.7 |
| 145° | 194.7 | 184.6 | 175.1 | 166.4 | 157.6 | 149.0 | 142.1 | 135.8 | 131.1 | 128.0 | 126.6 |
| 147.5° | 192.3 | 183.5 | 175.4 | 167.5 | 159.7 | 151.7 | 145.5 | 140.3 | 135.9 | 132.9 | 132.0 |
| 150° | 190.3 | 182.7 | 175.1 | 167.9 | 160.7 | 153.5 | 147.8 | 143.0 | 138.9 | 136.4 | 135.5 |
| 152.5° | 188.5 | 181.5 | 174.7 | 168.2 | 161.7 | 155.2 | 150.1 | 145.5 | 142.0 | 139.5 | 139.0 |
| 155° | 185.3 | 179.2 | 173.9 | 168.5 | 163.2 | 157.8 | 153.1 | 149.6 | 146.2 | 144.3 | 144.0 |
| 157.5° | 182.2 | 177.0 | 172.5 | 168.5 | 164.3 | 159.7 | 155.8 | 153.0 | 150.0 | 148.5 | 148.1 |
| 160° | 179.9 | 175.5 | 171.7 | 168.5 | 164.8 | 161.0 | 157.6 | 155.0 | 152.5 | 151.2 | 150.9 |
| 162.5° | 177.9 | 174.2 | 170.9 | 168.3 | 165.1 | 161.8 | 159.1 | 156.8 | 154.8 | 153.5 | 153.7 |
| 165° | 174.5 | 171.7 | 169.5 | 167.6 | 165.4 | 162.6 | 160.7 | 159.1 | 157.2 | 156.6 | 156.9 |
| 167.5° | 171.3 | 169.5 | 168.1 | 167.2 | 165.3 | 163.3 | 162.1 | 161.0 | 159.7 | 159.2 | 159.5 |
| 170° | 169.5 | 168.3 | 167.3 | 166.7 | 165.1 | 163.5 | 162.6 | 161.9 | 161.0 | 160.7 | 161.3 |
| 172.5° | 167.7 | 166.7 | 166.3 | 165.9 | 164.9 | 163.8 | 163.1 | 162.7 | 161.8 | 161.9 | 162.3 |
| 175° | 165.4 | 165.1 | 164.8 | 165.1 | 164.4 | 163.8 | 163.5 | 163.5 | 162.9 | 163.2 | 163.5 |
| 177.5° | 164.1 | 163.8 | 164.1 | 164.6 | 164.1 | 163.8 | 163.8 | 163.8 | 163.4 | 163.5 | 164.1 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 963.9 | 964.7 | 970.1 | 972.5 | 977.3 | 979.2 | 981.2 | 980.7 | 980.7 | 981.8 | 989.3 |
| 5° | 966.0 | 972.7 | 982.7 | 992.3 | 1001.7 | 1009.7 | 1014.9 | 1020.3 | 1022.3 | 1032.0 | 1040.6 |
| 7.5° | 962.6 | 974.8 | 991.3 | 1006.0 | 1023.7 | 1037.5 | 1048.9 | 1059.3 | 1066.3 | 1080.4 | 1094.8 |
| 10° | 958.1 | 975.4 | 994.0 | 1013.0 | 1037.3 | 1055.6 | 1074.2 | 1088.6 | 1093.2 | 1114.2 | 1126.2 |
| 12.5° | 949.0 | 972.1 | 995.9 | 1020.5 | 1044.2 | 1069.4 | 1089.9 | 1104.3 | 1120.7 | 1139.5 | 1161.6 |
| 15° | 935.4 | 962.1 | 993.0 | 1024.7 | 1058.6 | 1089.2 | 1111.3 | 1136.2 | 1154.1 | 1174.8 | 1194.1 |
| 17.5° | 915.9 | 950.2 | 989.5 | 1026.2 | 1065.4 | 1098.3 | 1128.6 | 1152.5 | 1165.2 | 1177.0 | 1179.9 |
| 20° | 900.4 | 937.4 | 983.6 | 1027.0 | 1066.2 | 1104.2 | 1134.2 | 1154.1 | 1157.5 | 1157.8 | 1140.1 |
| 22.5° | 883.7 | 925.4 | 973.8 | 1018.2 | 1065.1 | 1107.4 | 1130.7 | 1139.2 | 1126.1 | 1103.5 | 1069.3 |
| 25° | 852.8 | 901.1 | 957.3 | 1008.0 | 1059.3 | 1099.2 | 1107.2 | 1092.3 | 1046.0 | 997.3 | 935.8 |
| 27.5° | 819.4 | 873.6 | 934.0 | 990.2 | 1044.9 | 1069.7 | 1052.4 | 998.4 | 915.0 | 842.6 | 754.7 |
| 30° | 794.9 | 855.8 | 915.1 | 978.0 | 1028.6 | 1039.3 | 999.7 | 920.1 | 822.9 | 713.6 | 626.1 |
| 32.5° | 766.9 | 830.7 | 895.9 | 961.0 | 1003.4 | 992.9 | 927.5 | 829.5 | 715.5 | 608.1 | 525.3 |
| 35° | 726.9 | 792.9 | 863.1 | 928.4 | 955.4 | 910.4 | 812.5 | 685.0 | 568.5 | 468.2 | 411.3 |
| 37.5° | 680.8 | 752.6 | 825.6 | 885.6 | 883.7 | 808.7 | 675.4 | 543.7 | 445.8 | 386.5 | 345.9 |
| 40° | 648.0 | 720.6 | 799.5 | 850.2 | 828.5 | 730.9 | 586.4 | 462.2 | 390.6 | 343.3 | 313.7 |
| 42.5° | 616.6 | 689.5 | 767.9 | 808.1 | 770.4 | 650.5 | 506.5 | 409.2 | 350.1 | 313.3 | 289.2 |
| 45° | 563.1 | 640.0 | 712.7 | 734.9 | 667.6 | 535.5 | 409.6 | 339.0 | 299.7 | 272.4 | 255.7 |
| 47.5° | 510.9 | 586.5 | 652.7 | 653.2 | 562.1 | 434.3 | 345.5 | 293.4 | 259.8 | 238.7 | 226.6 |
| 50° | 478.8 | 550.8 | 606.4 | 597.7 | 494.5 | 386.3 | 309.0 | 264.0 | 236.1 | 219.8 | 207.1 |
| 52.5° | 442.9 | 512.6 | 560.8 | 536.2 | 437.2 | 339.9 | 276.3 | 238.5 | 215.3 | 201.2 | 189.8 |
| 55° | 390.6 | 452.5 | 486.5 | 449.2 | 356.7 | 282.7 | 233.4 | 203.8 | 186.5 | 174.5 | 164.9 |
| 57.5° | 339.3 | 390.3 | 411.7 | 368.3 | 293.7 | 234.4 | 197.4 | 175.2 | 158.0 | 149.5 | 144.5 |
| 60° | 307.0 | 350.6 | 365.6 | 317.7 | 255.4 | 205.1 | 174.9 | 154.2 | 141.5 | 135.9 | 130.9 |
| 62.5° | 275.4 | 310.9 | 317.2 | 273.2 | 222.7 | 179.6 | 153.6 | 136.1 | 127.7 | 122.3 | 117.5 |
| 65° | 228.5 | 254.0 | 251.1 | 215.8 | 176.1 | 142.5 | 123.5 | 112.9 | 106.6 | 98.9 | 90.6 |
| 67.5° | 188.1 | 203.8 | 194.3 | 167.8 | 134.5 | 110.8 | 98.4 | 90.3 | 82.5 | 75.2 | 73.3 |
| 70° | 162.5 | 171.5 | 161.5 | 137.2 | 110.2 | 92.9 | 82.9 | 73.3 | 68.6 | 67.0 | 63.9 |
| 72.5° | 138.0 | 141.2 | 130.4 | 109.5 | 89.7 | 77.0 | 67.2 | 61.8 | 59.3 | 57.9 | 55.9 |
| 75° | 103.5 | 101.2 | 91.9 | 75.6 | 62.2 | 53.6 | 50.6 | 48.6 | 47.0 | 45.7 | 44.6 |
| 77.5° | 72.8 | 69.3 | 61.0 | 50.4 | 43.3 | 39.2 | 37.5 | 36.4 | 35.6 | 34.9 | 33.9 |
| 80° | 54.6 | 52.3 | 44.0 | 35.9 | 33.0 | 30.9 | 30.0 | 28.6 | 28.6 | 28.0 | 26.9 |
| 82.5° | 39.9 | 37.4 | 30.1 | 26.4 | 24.7 | 23.5 | 22.7 | 21.9 | 21.7 | 21.8 | 21.1 |
| 85° | 21.0 | 16.9 | 15.0 | 14.4 | 13.3 | 12.7 | 13.0 | 12.3 | 12.3 | 12.3 | 11.9 |
| 87.5° | 6.7 | 5.5 | 5.4 | 5.3 | 5.7 | 6.1 | 6.2 | 6.6 | 7.0 | 6.6 | 6.8 |
| 90° | 1.2 | 2.5 | 3.1 | 3.7 | 4.7 | 6.3 | 8.5 | 10.4 | 10.7 | 10.4 | 10.1 |
| 92.5° | 5.5 | 7.8 | 9.2 | 11.3 | 14.3 | 21.4 | 31.5 | 40.4 | 40.9 | 34.6 | 27.5 |
| 95° | 12.3 | 15.4 | 18.3 | 23.3 | 30.9 | 45.4 | 72.8 | 109.3 | 123.5 | 108.1 | 82.6 |
| 97.5° | 19.6 | 23.0 | 27.3 | 33.1 | 41.6 | 59.8 | 98.1 | 158.8 | 210.8 | 221.1 | 192.6 |
| 100° | 25.2 | 28.0 | 33.1 | 39.4 | 48.2 | 64.9 | 103.3 | 171.4 | 248.9 | 294.3 | 287.7 |
| 102.5° | 30.8 | 33.6 | 38.6 | 45.2 | 54.0 | 69.5 | 103.6 | 166.6 | 250.1 | 321.5 | 349.9 |
| 105° | 39.7 | 41.9 | 46.6 | 53.6 | 62.4 | 77.2 | 105.2 | 157.2 | 233.4 | 317.3 | 382.8 |
| 107.5° | 48.5 | 50.6 | 55.0 | 61.9 | 70.8 | 85.2 | 109.6 | 152.6 | 215.5 | 289.6 | 359.1 |
| 110° | 54.8 | 56.7 | 60.8 | 67.4 | 76.6 | 90.4 | 113.1 | 151.6 | 207.0 | 272.2 | 338.7 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 60.4 | 62.5 | 66.3 | 72.7 | 82.1 | 95.5 | 116.9 | 151.8 | 201.4 | 260.1 | 320.0 |
| 115° | 69.3 | 71.2 | 75.0 | 81.3 | 89.8 | 103.3 | 122.5 | 153.1 | 195.4 | 245.1 | 297.1 |
| 117.5° | 77.9 | 79.8 | 83.2 | 89.3 | 98.1 | 110.6 | 128.6 | 155.4 | 192.3 | 235.7 | 279.8 |
| 120° | 83.5 | 85.4 | 88.2 | 94.5 | 103.3 | 115.7 | 132.7 | 156.9 | 190.6 | 230.6 | 271.3 |
| 122.5° | 88.5 | 90.4 | 93.5 | 99.8 | 108.9 | 120.4 | 136.2 | 158.6 | 189.6 | 226.3 | 264.5 |
| 125° | 95.5 | 97.4 | 101.1 | 107.5 | 116.3 | 127.6 | 141.8 | 161.3 | 187.8 | 220.3 | 254.6 |
| 127.5° | 101.3 | 104.0 | 108.2 | 114.1 | 123.2 | 134.3 | 147.0 | 164.0 | 186.7 | 214.5 | 244.8 |
| 130° | 104.6 | 107.7 | 112.2 | 118.5 | 127.2 | 138.3 | 150.3 | 166.0 | 186.2 | 210.8 | 238.5 |
| 132.5° | 107.9 | 111.3 | 115.9 | 122.5 | 131.3 | 141.9 | 153.6 | 168.1 | 185.9 | 207.8 | 232.5 |
| 135° | 112.2 | 115.9 | 120.6 | 128.0 | 136.7 | 146.9 | 157.8 | 170.5 | 185.6 | 203.5 | 224.0 |
| 137.5° | 116.7 | 120.5 | 125.6 | 132.7 | 140.9 | 150.9 | 161.1 | 172.6 | 185.5 | 200.5 | 217.3 |
| 140° | 119.8 | 123.5 | 128.6 | 135.5 | 143.7 | 153.1 | 162.9 | 173.6 | 185.3 | 198.8 | 212.9 |
| 142.5° | 122.8 | 126.3 | 131.3 | 138.0 | 145.7 | 154.9 | 164.4 | 174.3 | 185.3 | 197.1 | 209.5 |
| 145° | 128.0 | 131.1 | 135.8 | 142.1 | 149.0 | 157.6 | 166.4 | 175.1 | 184.6 | 194.7 | 204.5 |
| 147.5° | 132.9 | 135.9 | 140.3 | 145.5 | 151.7 | 159.7 | 167.5 | 175.4 | 183.5 | 192.3 | 200.6 |
| 150° | 136.4 | 138.9 | 143.0 | 147.8 | 153.5 | 160.7 | 167.9 | 175.1 | 182.7 | 190.3 | 197.9 |
| 152.5° | 139.5 | 142.0 | 145.5 | 150.1 | 155.2 | 161.7 | 168.2 | 174.7 | 181.5 | 188.5 | 195.1 |
| 155° | 144.3 | 146.2 | 149.6 | 153.1 | 157.8 | 163.2 | 168.5 | 173.9 | 179.2 | 185.3 | 191.3 |
| 157.5° | 148.5 | 150.0 | 153.0 | 155.8 | 159.7 | 164.3 | 168.5 | 172.5 | 177.0 | 182.2 | 186.8 |
| 160° | 151.2 | 152.5 | 155.0 | 157.6 | 161.0 | 164.8 | 168.5 | 171.7 | 175.5 | 179.9 | 184.0 |
| 162.5° | 153.5 | 154.8 | 156.8 | 159.1 | 161.8 | 165.1 | 168.3 | 170.9 | 174.2 | 177.9 | 181.2 |
| 165° | 156.6 | 157.2 | 159.1 | 160.7 | 162.6 | 165.4 | 167.6 | 169.5 | 171.7 | 174.5 | 177.1 |
| 167.5° | 159.2 | 159.7 | 161.0 | 162.1 | 163.3 | 165.3 | 167.2 | 168.1 | 169.5 | 171.3 | 173.1 |
| 170° | 160.7 | 161.0 | 161.9 | 162.6 | 163.5 | 165.1 | 166.7 | 167.3 | 168.3 | 169.5 | 171.1 |
| 172.5° | 161.9 | 161.8 | 162.7 | 163.1 | 163.8 | 164.9 | 165.9 | 166.3 | 166.7 | 167.7 | 168.8 |
| 175° | 163.2 | 162.9 | 163.5 | 163.5 | 163.8 | 164.4 | 165.1 | 164.8 | 165.1 | 165.4 | 166.4 |
| 177.5° | 163.5 | 163.4 | 163.8 | 163.8 | 163.8 | 164.1 | 164.6 | 164.1 | 163.8 | 164.1 | 164.6 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 | 958.4 |
| 2.5° | 991.9 | 995.4 | 997.0 | 997.0 | 998.9 | 998.1 | 997.3 |
| 5° | 1048.9 | 1055.3 | 1056.6 | 1062.6 | 1066.9 | 1065.6 | 1066.2 |
| 7.5° | 1105.6 | 1115.8 | 1125.9 | 1130.4 | 1131.2 | 1133.9 | 1134.9 |
| 10° | 1140.5 | 1148.9 | 1164.5 | 1162.2 | 1173.8 | 1180.4 | 1169.5 |
| 12.5° | 1174.1 | 1185.4 | 1196.2 | 1199.2 | 1205.8 | 1207.9 | 1203.5 |
| 15° | 1204.4 | 1210.4 | 1211.1 | 1209.4 | 1211.5 | 1209.8 | 1203.5 |
| 17.5° | 1176.1 | 1166.4 | 1146.7 | 1137.3 | 1129.9 | 1119.0 | 1114.6 |
| 20° | 1129.2 | 1100.5 | 1067.3 | 1053.9 | 1038.3 | 1007.6 | 1014.9 |
| 22.5° | 1028.0 | 995.3 | 962.1 | 923.1 | 904.6 | 875.5 | 873.8 |
| 25° | 870.5 | 814.2 | 752.2 | 708.9 | 683.7 | 654.7 | 642.0 |
| 27.5° | 676.8 | 605.9 | 555.2 | 529.5 | 506.0 | 483.1 | 482.1 |
| 30° | 549.5 | 496.1 | 456.9 | 434.9 | 420.6 | 410.9 | 413.0 |
| 32.5° | 463.2 | 426.6 | 400.1 | 381.9 | 371.3 | 364.0 | 363.9 |
| 35° | 378.6 | 353.7 | 336.6 | 329.0 | 321.4 | 316.0 | 316.4 |
| 37.5° | 324.0 | 309.0 | 299.5 | 291.1 | 286.3 | 283.7 | 282.2 |
| 40° | 296.0 | 283.7 | 276.4 | 271.4 | 267.4 | 263.8 | 263.1 |
| 42.5° | 273.9 | 263.8 | 256.4 | 252.4 | 248.8 | 246.1 | 245.5 |
| 45° | 243.1 | 234.8 | 228.1 | 223.7 | 222.1 | 219.8 | 219.8 |
| 47.5° | 216.2 | 208.0 | 202.9 | 200.1 | 197.2 | 195.7 | 195.6 |
| 50° | 198.1 | 191.8 | 187.2 | 185.5 | 183.2 | 182.2 | 181.8 |
| 52.5° | 181.9 | 177.2 | 173.8 | 172.7 | 171.7 | 170.4 | 170.6 |
| 55° | 159.8 | 157.2 | 155.9 | 154.8 | 153.2 | 151.1 | 152.5 |
| 57.5° | 141.2 | 139.0 | 135.4 | 132.2 | 130.7 | 129.3 | 129.8 |
| 60° | 128.2 | 123.5 | 118.9 | 115.2 | 114.2 | 111.2 | 111.2 |
| 62.5° | 111.7 | 105.1 | 99.4 | 97.4 | 96.4 | 95.0 | 94.7 |
| 65° | 85.9 | 83.3 | 81.9 | 80.6 | 79.9 | 79.9 | 79.3 |
| 67.5° | 71.2 | 70.1 | 68.7 | 68.3 | 67.7 | 67.5 | 67.2 |
| 70° | 63.0 | 61.6 | 60.9 | 60.6 | 59.9 | 60.3 | 59.3 |
| 72.5° | 54.9 | 53.9 | 53.8 | 52.9 | 52.5 | 52.5 | 51.8 |
| 75° | 43.2 | 43.2 | 43.0 | 42.6 | 42.0 | 41.6 | 42.0 |
| 77.5° | 33.3 | 33.3 | 32.7 | 32.7 | 32.6 | 32.7 | 32.4 |
| 80° | 26.7 | 26.9 | 26.7 | 26.3 | 25.9 | 26.3 | 25.9 |
| 82.5° | 21.0 | 20.6 | 20.5 | 20.4 | 20.4 | 20.2 | 20.2 |
| 85° | 11.9 | 12.3 | 11.9 | 11.7 | 11.7 | 11.7 | 11.9 |
| 87.5° | 6.4 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.3 |
| 90° | 9.5 | 10.1 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 |
| 92.5° | 23.5 | 21.0 | 19.0 | 18.7 | 17.7 | 17.9 | 17.5 |
| 95° | 63.3 | 50.1 | 43.2 | 39.1 | 36.6 | 35.6 | 35.9 |
| 97.5° | 157.6 | 123.5 | 100.8 | 85.7 | 77.9 | 73.4 | 70.7 |
| 100° | 248.6 | 205.5 | 167.3 | 141.2 | 127.6 | 118.5 | 112.8 |
| 102.5° | 341.1 | 309.5 | 269.1 | 240.7 | 217.6 | 206.2 | 198.5 |
| 105° | 418.4 | 422.5 | 412.1 | 392.5 | 373.0 | 359.4 | 355.1 |
| 107.5° | 412.8 | 445.5 | 460.7 | 463.2 | 462.2 | 459.4 | 453.6 |
| 110° | 395.1 | 435.4 | 461.3 | 474.8 | 480.8 | 483.7 | 483.3 |



TEST NUMBER: P331647-940

CATALOG NUMBER: S122RDIP-S485D330U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 374.2 | 417.2 | 446.9 | 465.7 | 475.7 | 481.1 | 482.8 |
| 115° | 345.6 | 386.9 | 419.4 | 441.8 | 456.2 | 464.4 | 467.3 |
| 117.5° | 322.4 | 359.9 | 390.3 | 413.1 | 428.5 | 437.0 | 439.4 |
| 120° | 310.3 | 343.8 | 372.4 | 394.5 | 409.3 | 418.4 | 421.6 |
| 122.5° | 300.2 | 331.9 | 357.8 | 377.6 | 392.2 | 400.3 | 402.9 |
| 125° | 287.0 | 314.8 | 338.4 | 356.7 | 368.6 | 376.5 | 379.1 |
| 127.5° | 274.2 | 300.3 | 322.1 | 338.0 | 349.3 | 356.1 | 358.1 |
| 130° | 265.6 | 290.5 | 311.3 | 326.7 | 337.4 | 343.8 | 346.3 |
| 132.5° | 257.5 | 280.4 | 300.0 | 315.1 | 325.8 | 331.6 | 333.9 |
| 135° | 244.8 | 265.6 | 283.2 | 296.8 | 307.2 | 312.9 | 314.1 |
| 137.5° | 234.7 | 251.2 | 266.5 | 278.9 | 287.8 | 292.8 | 294.7 |
| 140° | 228.1 | 242.6 | 256.5 | 266.5 | 274.7 | 279.5 | 281.3 |
| 142.5° | 222.3 | 234.8 | 246.4 | 255.9 | 263.4 | 267.6 | 268.0 |
| 145° | 214.9 | 224.6 | 233.8 | 241.3 | 246.7 | 249.9 | 250.7 |
| 147.5° | 208.8 | 216.4 | 223.1 | 229.3 | 233.6 | 235.8 | 236.4 |
| 150° | 204.8 | 211.4 | 217.0 | 221.8 | 225.6 | 227.5 | 227.8 |
| 152.5° | 201.5 | 207.1 | 212.0 | 215.8 | 219.0 | 220.4 | 220.5 |
| 155° | 196.3 | 201.0 | 204.5 | 207.9 | 210.2 | 211.4 | 210.8 |
| 157.5° | 191.0 | 194.9 | 197.7 | 200.1 | 202.0 | 202.5 | 202.5 |
| 160° | 187.4 | 190.9 | 193.1 | 195.4 | 196.9 | 197.2 | 197.2 |
| 162.5° | 184.2 | 187.2 | 188.9 | 191.1 | 192.2 | 192.4 | 192.2 |
| 165° | 179.2 | 181.5 | 182.7 | 184.0 | 185.3 | 185.3 | 184.9 |
| 167.5° | 174.8 | 176.3 | 177.5 | 178.0 | 178.7 | 178.6 | 178.3 |
| 170° | 172.0 | 173.3 | 173.9 | 174.2 | 175.1 | 174.9 | 174.2 |
| 172.5° | 169.5 | 170.5 | 170.9 | 171.2 | 171.7 | 171.3 | 170.9 |
| 175° | 166.7 | 167.0 | 167.3 | 167.3 | 167.6 | 167.3 | 166.7 |
| 177.5° | 164.6 | 164.9 | 164.9 | 164.9 | 164.9 | 164.6 | 164.1 |
| 180° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 |

(END OF REPORT)