

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332902-927

Luminaire Tested: **S124RDIP-S575D590U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332902-927
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-S575D590U927-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3556.4 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

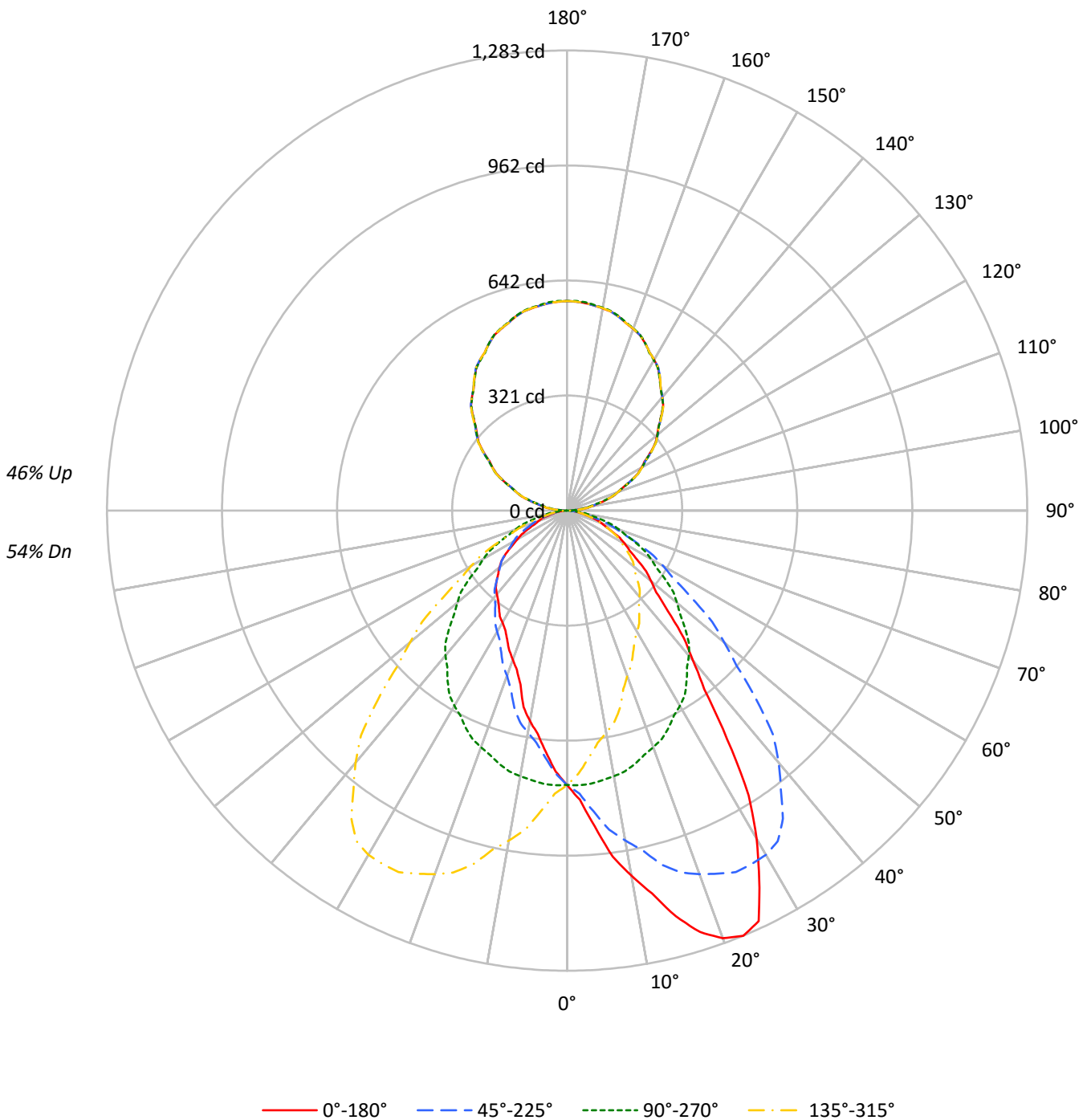
Input Watts (W): 32.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 76 | 74 | 72 | 65 | 63 | 61 | 54 | 53 | 52 | 47 |
| 2 | 91 | 84 | 78 | 73 | 84 | 78 | 73 | 68 | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 58 | 60 | 55 | 51 | 51 | 48 | 45 | 43 | 40 | 38 | 34 |
| 4 | 76 | 66 | 58 | 52 | 71 | 61 | 55 | 49 | 53 | 48 | 44 | 46 | 42 | 39 | 39 | 36 | 33 | 30 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 43 | 48 | 42 | 38 | 41 | 37 | 34 | 35 | 32 | 29 | 26 |
| 6 | 65 | 53 | 45 | 39 | 60 | 50 | 42 | 37 | 43 | 38 | 33 | 37 | 33 | 30 | 32 | 29 | 26 | 23 |
| 7 | 60 | 48 | 40 | 35 | 56 | 45 | 38 | 33 | 39 | 34 | 30 | 34 | 30 | 26 | 29 | 26 | 23 | 21 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 31 | 27 | 24 | 27 | 24 | 21 | 19 |
| 9 | 52 | 40 | 32 | 27 | 48 | 38 | 31 | 26 | 33 | 28 | 24 | 29 | 25 | 21 | 25 | 22 | 19 | 17 |
| 10 | 49 | 37 | 29 | 25 | 45 | 35 | 28 | 24 | 31 | 25 | 22 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 6176 | 6176 | 6176 | 6176 |
| 5° | 7164 | 6195 | 5476 | 6195 |
| 10° | 8475 | 6167 | 4887 | 6167 |
| 15° | 9789 | 6110 | 4199 | 6110 |
| 20° | 10899 | 6032 | 3797 | 6032 |
| 25° | 11251 | 5955 | 3526 | 5955 |
| 30° | 9849 | 5862 | 3361 | 5862 |
| 35° | 7666 | 5723 | 3263 | 5723 |
| 40° | 5750 | 5564 | 3209 | 5564 |
| 45° | 4539 | 5310 | 3181 | 5310 |
| 50° | 3832 | 5016 | 3090 | 5016 |
| 55° | 3340 | 4694 | 2923 | 4694 |
| 60° | 3006 | 4359 | 2588 | 4359 |
| 65° | 2649 | 3998 | 2225 | 3998 |
| 70° | 2386 | 3623 | 2009 | 3623 |
| 75° | 1999 | 3213 | 1712 | 3213 |
| 80° | 1692 | 2738 | 1604 | 2738 |
| 85° | 1426 | 2140 | 1426 | 2140 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 74.1 | 2.1 |
| 10°-20° | 223.6 | 6.3 |
| 20°-30° | 349.7 | 9.8 |
| 30°-40° | 388.8 | 10.9 |
| 40°-50° | 344.9 | 9.7 |
| 50°-60° | 268.8 | 7.6 |
| 60°-70° | 176.0 | 4.9 |
| 70°-80° | 86.5 | 2.4 |
| 80°-90° | 23.1 | 0.6 |
| 90°-100° | 38.5 | 1.1 |
| 100°-110° | 114.1 | 3.2 |
| 110°-120° | 193.7 | 5.4 |
| 120°-130° | 255.5 | 7.2 |
| 130°-140° | 286.9 | 8.1 |
| 140°-150° | 281.9 | 7.9 |
| 150°-160° | 237.1 | 6.7 |
| 160°-170° | 157.8 | 4.4 |
| 170°-180° | 55.2 | 1.6 |
| 0°-30° | 647.4 | 18.2 |
| 0°-40° | 1036.2 | 29.1 |
| 0°-60° | 1649.9 | 46.4 |
| 0°-90° | 1935.5 | 54.4 |
| 90°-120° | 346.4 | 9.7 |
| 90°-150° | 1170.7 | 32.9 |
| 90°-180° | 1621.0 | 45.6 |
| 0°-180° | 3556.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 765 | 765 | 765 | 765 | 765 | |
| 5° | 884 | 764 | 676 | 764 | 884 | 89 |
| 15° | 1171 | 731 | 502 | 731 | 1171 | 333 |
| 25° | 1263 | 668 | 396 | 668 | 1263 | 560 |
| 35° | 778 | 581 | 331 | 581 | 778 | 488 |
| 45° | 398 | 465 | 279 | 465 | 398 | 315 |
| 55° | 237 | 334 | 208 | 334 | 237 | 216 |
| 65° | 139 | 209 | 116 | 209 | 139 | 140 |
| 75° | 64 | 103 | 55 | 103 | 64 | 71 |
| 85° | 15 | 23 | 15 | 23 | 15 | 18 |
| 90° | 14 | 1 | 14 | 1 | 14 | 8 |
| 95° | 36 | 27 | 36 | 27 | 36 | 37 |
| 105° | 110 | 105 | 110 | 105 | 110 | 116 |
| 115° | 195 | 197 | 195 | 197 | 195 | 193 |
| 125° | 285 | 287 | 285 | 287 | 285 | 254 |
| 135° | 370 | 370 | 370 | 370 | 370 | 286 |
| 145° | 450 | 450 | 450 | 450 | 450 | 282 |
| 155° | 515 | 515 | 515 | 515 | 515 | 237 |
| 165° | 559 | 561 | 559 | 561 | 559 | 158 |
| 175° | 581 | 583 | 581 | 583 | 581 | 55 |
| 180° | 584 | 584 | 584 | 584 | 584 | |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 806.9 | 809.1 | 806.9 | 806.7 | 804.2 | 803.5 | 802.5 | 799.3 | 793.4 | 789.9 | 790.7 |
| 5° | 884.0 | 891.7 | 887.4 | 886.8 | 880.0 | 873.2 | 868.9 | 859.0 | 848.5 | 841.5 | 835.6 |
| 7.5° | 973.1 | 977.6 | 974.9 | 970.5 | 959.6 | 953.3 | 943.3 | 930.3 | 911.6 | 897.1 | 884.1 |
| 10° | 1033.8 | 1037.4 | 1036.3 | 1028.3 | 1020.3 | 1003.9 | 994.7 | 976.4 | 952.7 | 933.9 | 916.3 |
| 12.5° | 1093.4 | 1097.4 | 1086.6 | 1087.0 | 1071.7 | 1058.8 | 1044.2 | 1021.4 | 993.9 | 969.6 | 947.7 |
| 15° | 1171.2 | 1166.3 | 1166.3 | 1160.2 | 1143.2 | 1125.3 | 1110.2 | 1086.2 | 1051.6 | 1022.7 | 992.2 |
| 17.5° | 1232.2 | 1233.9 | 1231.4 | 1216.8 | 1203.5 | 1185.0 | 1157.3 | 1129.3 | 1097.2 | 1058.3 | 1027.1 |
| 20° | 1268.7 | 1268.7 | 1265.9 | 1256.0 | 1238.7 | 1219.0 | 1189.1 | 1158.6 | 1117.9 | 1078.8 | 1043.6 |
| 22.5° | 1283.4 | 1284.4 | 1281.2 | 1273.0 | 1257.5 | 1238.3 | 1212.8 | 1181.8 | 1139.9 | 1095.8 | 1052.3 |
| 25° | 1263.1 | 1268.9 | 1269.6 | 1267.4 | 1262.8 | 1251.1 | 1229.2 | 1197.5 | 1159.8 | 1112.1 | 1065.2 |
| 27.5° | 1159.7 | 1167.0 | 1173.5 | 1184.2 | 1198.3 | 1205.8 | 1206.7 | 1190.6 | 1157.8 | 1111.8 | 1064.7 |
| 30° | 1056.6 | 1062.7 | 1082.8 | 1109.0 | 1129.3 | 1147.8 | 1163.9 | 1168.2 | 1149.7 | 1108.3 | 1058.8 |
| 32.5° | 942.1 | 950.5 | 970.6 | 998.8 | 1032.7 | 1064.0 | 1100.0 | 1118.3 | 1117.8 | 1093.1 | 1047.2 |
| 35° | 777.9 | 784.1 | 802.6 | 832.2 | 872.9 | 919.4 | 976.4 | 1020.8 | 1051.1 | 1048.8 | 1020.8 |
| 37.5° | 627.4 | 634.4 | 653.1 | 677.6 | 717.1 | 774.7 | 829.9 | 891.0 | 946.9 | 978.3 | 968.8 |
| 40° | 545.6 | 545.9 | 564.0 | 589.3 | 626.3 | 676.5 | 736.7 | 804.5 | 866.7 | 917.6 | 927.4 |
| 42.5° | 480.9 | 481.0 | 493.1 | 520.3 | 546.9 | 594.2 | 651.6 | 718.9 | 791.8 | 850.5 | 876.6 |
| 45° | 397.6 | 400.4 | 410.3 | 426.6 | 447.5 | 487.6 | 533.5 | 596.1 | 677.8 | 747.4 | 790.9 |
| 47.5° | 336.7 | 340.8 | 347.1 | 360.4 | 377.1 | 403.8 | 441.7 | 498.0 | 564.4 | 641.0 | 702.9 |
| 50° | 305.1 | 305.8 | 313.8 | 321.2 | 335.6 | 357.0 | 390.2 | 437.0 | 498.1 | 571.7 | 640.5 |
| 52.5° | 278.1 | 277.9 | 282.7 | 292.1 | 303.9 | 320.4 | 347.3 | 390.0 | 444.1 | 510.1 | 581.1 |
| 55° | 237.3 | 238.8 | 242.6 | 249.9 | 258.9 | 270.6 | 291.9 | 323.9 | 366.5 | 422.9 | 487.3 |
| 57.5° | 206.4 | 207.2 | 210.1 | 213.3 | 221.4 | 230.0 | 245.9 | 268.2 | 304.0 | 350.2 | 410.3 |
| 60° | 186.2 | 186.5 | 187.4 | 192.0 | 198.5 | 206.5 | 217.3 | 236.1 | 266.3 | 308.6 | 356.0 |
| 62.5° | 166.4 | 167.0 | 168.4 | 171.8 | 176.8 | 182.4 | 193.6 | 208.7 | 233.8 | 269.8 | 312.6 |
| 65° | 138.7 | 139.0 | 141.2 | 142.4 | 146.4 | 151.3 | 159.6 | 169.8 | 187.1 | 217.3 | 249.7 |
| 67.5° | 115.9 | 115.9 | 116.0 | 117.7 | 120.5 | 123.7 | 128.7 | 136.9 | 149.9 | 168.4 | 196.9 |
| 70° | 101.1 | 101.1 | 101.7 | 102.7 | 104.2 | 106.9 | 109.7 | 115.9 | 125.5 | 140.5 | 162.4 |
| 72.5° | 87.3 | 87.5 | 88.2 | 88.3 | 89.1 | 91.4 | 93.5 | 97.4 | 104.5 | 115.9 | 133.6 |
| 75° | 64.1 | 65.0 | 66.5 | 67.8 | 69.3 | 69.1 | 71.2 | 73.7 | 75.8 | 82.6 | 92.8 |
| 77.5° | 47.7 | 47.2 | 47.4 | 48.5 | 48.6 | 49.0 | 50.5 | 52.4 | 54.0 | 57.2 | 60.8 |
| 80° | 36.4 | 36.4 | 37.3 | 37.6 | 37.3 | 37.6 | 39.1 | 40.1 | 40.7 | 41.9 | 45.3 |
| 82.5° | 27.5 | 28.0 | 27.6 | 28.0 | 28.2 | 28.5 | 29.8 | 29.9 | 30.6 | 31.1 | 32.5 |
| 85° | 15.4 | 15.7 | 16.0 | 15.4 | 15.4 | 15.4 | 16.0 | 16.3 | 17.0 | 16.6 | 17.3 |
| 87.5° | 8.2 | 7.8 | 8.1 | 8.0 | 8.2 | 7.9 | 8.0 | 8.4 | 7.8 | 7.9 | 7.8 |
| 90° | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.4 | 11.7 | 11.2 | 10.5 | 9.9 | 9.1 |
| 92.5° | 20.0 | 20.0 | 19.8 | 19.7 | 19.6 | 19.3 | 19.0 | 18.6 | 18.2 | 17.9 | 17.3 |
| 95° | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.6 | 35.3 | 34.9 | 34.6 | 34.3 | 33.7 |
| 97.5° | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.8 | 55.4 | 55.1 | 54.7 | 54.3 | 53.5 |
| 100° | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 69.9 | 69.7 | 69.6 | 69.3 | 69.2 | 68.2 |
| 102.5° | 86.0 | 85.9 | 85.8 | 85.7 | 85.6 | 85.4 | 85.2 | 84.8 | 84.6 | 84.3 | 83.5 |
| 105° | 110.3 | 110.0 | 109.6 | 109.3 | 109.0 | 108.8 | 108.4 | 108.1 | 107.8 | 107.5 | 107.1 |
| 107.5° | 134.0 | 134.0 | 134.0 | 134.0 | 134.0 | 133.9 | 133.6 | 133.3 | 133.0 | 132.8 | 132.7 |
| 110° | 150.9 | 150.6 | 150.3 | 150.0 | 149.7 | 149.6 | 149.9 | 150.0 | 150.3 | 150.4 | 150.6 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.3 | 168.2 | 168.1 | 168.1 | 168.0 | 168.0 | 168.0 | 168.1 | 168.1 | 168.2 | 168.3 |
| 115° | 195.2 | 195.3 | 195.4 | 195.5 | 195.6 | 195.7 | 195.8 | 195.9 | 196.0 | 196.1 | 196.3 |
| 117.5° | 220.9 | 221.0 | 221.3 | 221.4 | 221.7 | 221.9 | 222.3 | 222.6 | 222.9 | 223.3 | 223.4 |
| 120° | 240.3 | 240.2 | 240.0 | 239.8 | 239.6 | 239.7 | 240.2 | 240.7 | 241.2 | 241.7 | 242.0 |
| 122.5° | 256.7 | 257.0 | 257.4 | 257.7 | 258.1 | 258.4 | 258.8 | 259.1 | 259.4 | 259.8 | 259.9 |
| 125° | 284.6 | 284.9 | 285.0 | 285.3 | 285.4 | 285.7 | 285.8 | 286.1 | 286.2 | 286.5 | 286.5 |
| 127.5° | 310.6 | 310.8 | 310.9 | 311.1 | 311.2 | 311.4 | 311.6 | 311.8 | 312.0 | 312.2 | 312.4 |
| 130° | 327.6 | 328.0 | 328.4 | 328.8 | 329.2 | 329.5 | 329.7 | 329.9 | 330.1 | 330.3 | 330.3 |
| 132.5° | 345.6 | 345.8 | 345.9 | 346.1 | 346.3 | 346.5 | 346.7 | 346.9 | 347.1 | 347.3 | 347.4 |
| 135° | 370.5 | 370.8 | 371.1 | 371.4 | 371.7 | 371.9 | 372.2 | 372.3 | 372.6 | 372.7 | 372.7 |
| 137.5° | 396.6 | 396.6 | 396.5 | 396.4 | 396.3 | 396.5 | 396.7 | 397.0 | 397.3 | 397.5 | 397.4 |
| 140° | 412.5 | 412.6 | 412.7 | 412.8 | 412.9 | 413.0 | 413.1 | 413.2 | 413.3 | 413.4 | 413.4 |
| 142.5° | 428.4 | 428.4 | 428.5 | 428.5 | 428.5 | 428.5 | 428.6 | 428.6 | 428.6 | 428.6 | 428.6 |
| 145° | 450.0 | 450.3 | 450.6 | 450.9 | 451.2 | 451.4 | 451.5 | 451.6 | 451.7 | 451.8 | 451.7 |
| 147.5° | 471.9 | 472.0 | 472.1 | 472.2 | 472.3 | 472.4 | 472.5 | 472.5 | 472.6 | 472.7 | 472.8 |
| 150° | 485.3 | 485.4 | 485.4 | 485.5 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 |
| 152.5° | 497.6 | 497.8 | 498.0 | 498.4 | 498.6 | 498.6 | 498.4 | 498.1 | 497.9 | 497.6 | 497.6 |
| 155° | 514.6 | 515.0 | 515.4 | 515.8 | 516.3 | 516.3 | 515.8 | 515.4 | 515.0 | 514.6 | 514.8 |
| 157.5° | 529.9 | 530.2 | 530.6 | 530.9 | 531.2 | 531.3 | 531.0 | 530.7 | 530.4 | 530.0 | 530.1 |
| 160° | 538.6 | 539.1 | 539.6 | 540.1 | 540.6 | 540.7 | 540.3 | 540.1 | 539.8 | 539.5 | 539.6 |
| 162.5° | 547.6 | 548.1 | 548.6 | 549.1 | 549.6 | 549.6 | 549.1 | 548.5 | 548.0 | 547.4 | 547.6 |
| 165° | 559.4 | 559.8 | 560.2 | 560.5 | 560.9 | 560.9 | 560.2 | 559.7 | 559.0 | 558.5 | 558.6 |
| 167.5° | 567.8 | 568.4 | 569.0 | 569.7 | 570.2 | 570.3 | 569.7 | 569.0 | 568.5 | 567.8 | 567.8 |
| 170° | 572.4 | 573.1 | 573.9 | 574.6 | 575.3 | 575.3 | 574.7 | 574.1 | 573.5 | 572.9 | 572.8 |
| 172.5° | 576.5 | 577.1 | 577.8 | 578.5 | 579.2 | 579.2 | 578.6 | 577.9 | 577.2 | 576.6 | 576.5 |
| 175° | 580.6 | 581.3 | 582.0 | 582.7 | 583.4 | 583.4 | 582.7 | 582.0 | 581.3 | 580.6 | 580.7 |
| 177.5° | 582.7 | 583.4 | 584.1 | 584.7 | 585.3 | 585.3 | 584.8 | 584.2 | 583.7 | 583.1 | 583.1 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 788.2 | 784.7 | 783.0 | 779.0 | 774.4 | 771.9 | 769.7 | 766.5 | 762.3 | 757.9 | 754.6 |
| 5° | 828.2 | 820.8 | 811.5 | 800.4 | 790.6 | 781.0 | 772.7 | 764.4 | 754.9 | 745.0 | 735.1 |
| 7.5° | 869.3 | 854.7 | 839.0 | 820.8 | 803.1 | 787.0 | 772.2 | 758.0 | 742.0 | 727.6 | 714.5 |
| 10° | 897.9 | 878.1 | 856.3 | 833.1 | 810.0 | 790.0 | 770.2 | 752.3 | 732.6 | 715.1 | 700.3 |
| 12.5° | 921.1 | 897.9 | 871.6 | 842.7 | 814.9 | 790.7 | 768.0 | 744.7 | 722.3 | 703.2 | 683.5 |
| 15° | 959.5 | 927.7 | 892.3 | 857.8 | 821.7 | 788.8 | 758.2 | 731.1 | 705.5 | 678.7 | 659.9 |
| 17.5° | 986.0 | 948.2 | 905.2 | 863.7 | 821.1 | 782.2 | 747.0 | 714.7 | 685.2 | 657.8 | 635.4 |
| 20° | 1001.7 | 960.1 | 912.4 | 865.1 | 817.4 | 775.8 | 737.9 | 702.1 | 671.6 | 642.1 | 618.9 |
| 22.5° | 1010.6 | 964.6 | 912.4 | 862.9 | 813.5 | 768.4 | 726.8 | 689.6 | 656.3 | 626.8 | 601.2 |
| 25° | 1013.4 | 964.1 | 910.8 | 854.1 | 799.9 | 752.1 | 708.9 | 668.5 | 631.5 | 602.0 | 574.8 |
| 27.5° | 1009.5 | 951.4 | 896.8 | 838.6 | 782.7 | 732.3 | 687.0 | 644.5 | 607.5 | 575.8 | 548.0 |
| 30° | 1003.5 | 941.4 | 882.7 | 822.4 | 765.6 | 717.2 | 669.5 | 628.8 | 590.3 | 557.3 | 529.3 |
| 32.5° | 990.8 | 929.0 | 866.0 | 804.1 | 746.6 | 696.8 | 651.5 | 610.5 | 572.7 | 539.0 | 509.2 |
| 35° | 965.4 | 902.8 | 834.3 | 770.9 | 714.5 | 662.7 | 620.1 | 580.7 | 544.6 | 508.6 | 477.1 |
| 37.5° | 931.8 | 868.0 | 799.9 | 730.4 | 673.9 | 625.0 | 586.0 | 549.0 | 513.7 | 480.9 | 446.0 |
| 40° | 900.3 | 842.1 | 771.8 | 702.7 | 644.8 | 597.6 | 561.6 | 528.0 | 492.6 | 459.9 | 425.0 |
| 42.5° | 862.1 | 812.5 | 741.5 | 672.2 | 615.0 | 569.5 | 535.9 | 503.1 | 470.9 | 439.2 | 402.8 |
| 45° | 798.3 | 760.7 | 694.1 | 627.6 | 569.9 | 524.9 | 494.1 | 465.1 | 436.7 | 406.5 | 372.3 |
| 47.5° | 725.2 | 699.7 | 642.3 | 574.1 | 520.8 | 480.3 | 450.5 | 426.8 | 402.8 | 372.6 | 342.6 |
| 50° | 674.4 | 658.1 | 602.6 | 540.3 | 489.5 | 452.2 | 421.7 | 399.4 | 379.5 | 350.5 | 323.6 |
| 52.5° | 620.1 | 611.5 | 564.6 | 505.0 | 455.9 | 419.4 | 393.3 | 373.4 | 353.1 | 329.0 | 303.9 |
| 55° | 537.6 | 542.2 | 502.4 | 450.9 | 404.7 | 373.9 | 350.1 | 333.5 | 316.2 | 295.9 | 276.5 |
| 57.5° | 453.0 | 470.0 | 443.3 | 398.1 | 354.7 | 326.3 | 308.4 | 294.4 | 280.0 | 263.0 | 246.4 |
| 60° | 402.5 | 416.7 | 401.6 | 361.9 | 323.9 | 297.5 | 280.8 | 270.0 | 255.5 | 240.1 | 227.4 |
| 62.5° | 353.2 | 368.4 | 359.4 | 327.3 | 292.2 | 269.3 | 254.7 | 244.6 | 233.9 | 220.4 | 207.2 |
| 65° | 291.3 | 301.1 | 296.8 | 274.6 | 249.7 | 230.2 | 216.7 | 209.3 | 199.4 | 189.6 | 177.8 |
| 67.5° | 223.1 | 242.2 | 239.6 | 227.8 | 206.3 | 191.1 | 182.2 | 175.7 | 166.7 | 159.4 | 151.4 |
| 70° | 183.4 | 201.0 | 200.7 | 191.1 | 179.4 | 165.2 | 159.1 | 153.5 | 145.4 | 138.4 | 131.9 |
| 72.5° | 150.1 | 166.2 | 168.6 | 161.3 | 153.3 | 142.5 | 136.6 | 132.8 | 125.0 | 120.2 | 114.9 |
| 75° | 105.1 | 116.8 | 119.9 | 119.9 | 116.2 | 110.7 | 105.4 | 103.0 | 97.4 | 93.1 | 90.0 |
| 77.5° | 68.9 | 76.3 | 81.1 | 82.2 | 82.8 | 81.0 | 76.6 | 74.9 | 70.7 | 69.1 | 66.1 |
| 80° | 48.7 | 53.6 | 59.2 | 61.0 | 62.6 | 61.9 | 60.1 | 58.9 | 54.9 | 53.3 | 52.1 |
| 82.5° | 33.7 | 36.4 | 41.0 | 45.0 | 44.6 | 46.2 | 44.6 | 43.6 | 40.6 | 40.0 | 38.7 |
| 85° | 17.6 | 17.9 | 18.5 | 21.2 | 22.8 | 23.4 | 23.8 | 23.1 | 22.2 | 22.2 | 20.0 |
| 87.5° | 7.6 | 7.2 | 7.5 | 7.3 | 7.4 | 8.1 | 8.6 | 8.6 | 8.2 | 7.6 | 7.1 |
| 90° | 8.3 | 7.5 | 6.7 | 5.8 | 4.7 | 3.6 | 2.5 | 1.3 | 2.5 | 3.6 | 4.7 |
| 92.5° | 16.8 | 16.2 | 15.6 | 14.7 | 13.5 | 12.2 | 10.9 | 9.7 | 10.9 | 12.2 | 13.5 |
| 95° | 33.0 | 32.2 | 31.5 | 30.7 | 29.8 | 28.9 | 28.0 | 27.1 | 28.0 | 28.9 | 29.8 |
| 97.5° | 52.7 | 51.8 | 51.0 | 50.2 | 49.5 | 48.8 | 48.1 | 47.4 | 48.1 | 48.8 | 49.5 |
| 100° | 67.3 | 66.4 | 65.5 | 64.9 | 64.5 | 64.1 | 63.7 | 63.2 | 63.7 | 64.1 | 64.5 |
| 102.5° | 82.6 | 81.8 | 81.0 | 80.5 | 80.3 | 80.2 | 80.0 | 79.9 | 80.0 | 80.2 | 80.3 |
| 105° | 106.7 | 106.3 | 105.9 | 105.7 | 105.6 | 105.4 | 105.4 | 105.3 | 105.4 | 105.4 | 105.6 |
| 107.5° | 132.6 | 132.5 | 132.5 | 132.5 | 132.3 | 132.1 | 132.1 | 131.9 | 132.1 | 132.1 | 132.3 |
| 110° | 150.7 | 150.8 | 150.8 | 150.8 | 150.6 | 150.4 | 150.2 | 150.0 | 150.2 | 150.4 | 150.6 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.5 | 168.7 | 168.9 | 169.0 | 168.9 | 168.9 | 168.8 | 168.8 | 168.8 | 168.9 | 168.9 |
| 115° | 196.5 | 196.7 | 196.9 | 197.0 | 197.0 | 197.0 | 197.0 | 197.0 | 197.0 | 197.0 | 197.0 |
| 117.5° | 223.6 | 223.7 | 223.9 | 223.9 | 223.8 | 223.7 | 223.6 | 223.6 | 223.6 | 223.7 | 223.8 |
| 120° | 242.3 | 242.6 | 243.0 | 242.9 | 242.5 | 242.1 | 241.7 | 241.3 | 241.7 | 242.1 | 242.5 |
| 122.5° | 260.1 | 260.2 | 260.4 | 260.3 | 260.2 | 260.0 | 259.8 | 259.7 | 259.8 | 260.0 | 260.2 |
| 125° | 286.7 | 286.8 | 286.8 | 286.9 | 286.9 | 286.9 | 286.9 | 286.9 | 286.9 | 286.9 | 286.9 |
| 127.5° | 312.5 | 312.7 | 312.8 | 312.8 | 312.5 | 312.2 | 311.9 | 311.6 | 311.9 | 312.2 | 312.5 |
| 130° | 330.3 | 330.3 | 330.3 | 330.1 | 329.9 | 329.5 | 329.2 | 328.9 | 329.2 | 329.5 | 329.9 |
| 132.5° | 347.5 | 347.5 | 347.6 | 347.5 | 347.3 | 347.1 | 346.9 | 346.7 | 346.9 | 347.1 | 347.3 |
| 135° | 372.7 | 372.7 | 372.7 | 372.5 | 371.9 | 371.2 | 370.7 | 370.0 | 370.7 | 371.2 | 371.9 |
| 137.5° | 397.2 | 397.0 | 396.9 | 396.6 | 396.3 | 396.1 | 395.8 | 395.5 | 395.8 | 396.1 | 396.3 |
| 140° | 413.4 | 413.4 | 413.4 | 413.3 | 413.1 | 412.9 | 412.7 | 412.5 | 412.7 | 412.9 | 413.1 |
| 142.5° | 428.7 | 428.8 | 428.9 | 428.9 | 428.6 | 428.5 | 428.3 | 428.0 | 428.3 | 428.5 | 428.6 |
| 145° | 451.6 | 451.5 | 451.4 | 451.1 | 450.8 | 450.4 | 450.0 | 449.6 | 450.0 | 450.4 | 450.8 |
| 147.5° | 472.9 | 472.9 | 473.0 | 472.9 | 472.3 | 471.8 | 471.3 | 470.9 | 471.3 | 471.8 | 472.3 |
| 150° | 485.7 | 485.7 | 485.7 | 485.5 | 485.1 | 484.7 | 484.3 | 483.9 | 484.3 | 484.7 | 485.1 |
| 152.5° | 497.5 | 497.4 | 497.3 | 497.2 | 496.9 | 496.7 | 496.5 | 496.2 | 496.5 | 496.7 | 496.9 |
| 155° | 514.8 | 514.9 | 515.0 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 |
| 157.5° | 530.1 | 530.1 | 530.1 | 530.3 | 530.4 | 530.6 | 530.8 | 531.0 | 530.8 | 530.6 | 530.4 |
| 160° | 539.7 | 539.8 | 539.9 | 540.0 | 540.1 | 540.2 | 540.3 | 540.3 | 540.3 | 540.2 | 540.1 |
| 162.5° | 547.6 | 547.7 | 547.8 | 548.0 | 548.3 | 548.5 | 548.8 | 549.1 | 548.8 | 548.5 | 548.3 |
| 165° | 558.9 | 559.0 | 559.3 | 559.5 | 559.8 | 560.1 | 560.4 | 560.7 | 560.4 | 560.1 | 559.8 |
| 167.5° | 567.8 | 567.8 | 567.8 | 568.0 | 568.4 | 568.8 | 569.3 | 569.7 | 569.3 | 568.8 | 568.4 |
| 170° | 572.7 | 572.6 | 572.5 | 572.7 | 573.2 | 573.7 | 574.3 | 574.7 | 574.3 | 573.7 | 573.2 |
| 172.5° | 576.5 | 576.5 | 576.5 | 576.6 | 577.1 | 577.5 | 577.9 | 578.3 | 577.9 | 577.5 | 577.1 |
| 175° | 580.8 | 580.9 | 581.0 | 581.3 | 581.8 | 582.3 | 582.8 | 583.3 | 582.8 | 582.3 | 581.8 |
| 177.5° | 583.1 | 583.1 | 583.1 | 583.3 | 583.8 | 584.2 | 584.6 | 584.9 | 584.6 | 584.2 | 583.8 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 751.2 | 748.8 | 745.5 | 741.8 | 737.4 | 733.5 | 731.7 | 733.2 | 734.0 | 732.0 | 731.7 |
| 5° | 728.3 | 720.6 | 714.5 | 705.2 | 697.8 | 691.7 | 687.3 | 685.5 | 686.1 | 681.2 | 679.9 |
| 7.5° | 702.6 | 693.5 | 683.4 | 672.4 | 662.2 | 653.2 | 648.4 | 645.8 | 640.6 | 638.3 | 634.5 |
| 10° | 686.1 | 673.8 | 663.9 | 650.9 | 639.3 | 628.4 | 623.2 | 618.9 | 613.7 | 611.2 | 605.9 |
| 12.5° | 669.1 | 654.8 | 644.0 | 630.5 | 618.5 | 605.5 | 600.6 | 592.6 | 584.3 | 579.2 | 572.4 |
| 15° | 645.1 | 627.9 | 614.6 | 598.6 | 584.4 | 569.6 | 556.3 | 541.5 | 536.0 | 524.3 | 517.5 |
| 17.5° | 617.0 | 599.5 | 583.1 | 561.7 | 539.8 | 521.4 | 507.2 | 493.1 | 484.6 | 477.1 | 473.6 |
| 20° | 598.6 | 582.6 | 559.8 | 534.8 | 510.4 | 490.0 | 478.6 | 469.4 | 460.2 | 455.0 | 451.2 |
| 22.5° | 581.1 | 560.6 | 534.1 | 507.2 | 482.8 | 466.9 | 457.2 | 447.7 | 440.2 | 435.2 | 430.3 |
| 25° | 551.8 | 524.9 | 496.9 | 466.0 | 449.4 | 435.5 | 425.0 | 417.3 | 412.7 | 406.2 | 403.8 |
| 27.5° | 521.6 | 489.1 | 458.1 | 437.4 | 420.1 | 407.4 | 398.3 | 392.5 | 386.7 | 382.5 | 379.3 |
| 30° | 498.4 | 465.4 | 437.7 | 418.0 | 400.4 | 389.9 | 382.5 | 375.7 | 371.1 | 367.7 | 365.3 |
| 32.5° | 475.5 | 442.5 | 419.1 | 398.0 | 384.1 | 373.9 | 366.0 | 360.9 | 357.3 | 352.9 | 351.4 |
| 35° | 442.3 | 413.0 | 392.7 | 373.6 | 359.4 | 350.1 | 344.0 | 338.7 | 335.6 | 334.5 | 333.5 |
| 37.5° | 410.4 | 386.4 | 364.6 | 348.9 | 336.3 | 329.0 | 321.7 | 319.2 | 317.0 | 314.8 | 315.8 |
| 40° | 390.2 | 367.7 | 348.3 | 331.7 | 321.5 | 313.5 | 309.1 | 306.1 | 304.2 | 304.2 | 304.2 |
| 42.5° | 372.7 | 350.7 | 331.8 | 316.9 | 306.7 | 299.9 | 295.1 | 292.5 | 291.9 | 291.6 | 293.1 |
| 45° | 345.5 | 325.2 | 306.1 | 293.7 | 285.1 | 278.3 | 275.5 | 273.4 | 273.4 | 274.6 | 275.0 |
| 47.5° | 318.6 | 299.5 | 284.2 | 270.4 | 262.4 | 258.3 | 255.8 | 254.7 | 254.8 | 256.0 | 257.5 |
| 50° | 302.1 | 283.3 | 268.2 | 255.8 | 248.4 | 244.4 | 242.2 | 241.6 | 242.2 | 242.2 | 244.4 |
| 52.5° | 284.1 | 267.2 | 252.4 | 242.0 | 233.6 | 229.9 | 228.7 | 227.8 | 228.2 | 229.2 | 230.1 |
| 55° | 257.7 | 242.6 | 228.4 | 218.6 | 212.4 | 209.9 | 207.2 | 207.5 | 206.8 | 207.5 | 207.5 |
| 57.5° | 231.2 | 217.7 | 204.5 | 196.6 | 191.2 | 187.7 | 184.7 | 185.4 | 184.6 | 184.4 | 183.9 |
| 60° | 214.2 | 199.4 | 188.9 | 181.9 | 175.7 | 172.6 | 169.8 | 170.5 | 169.5 | 168.9 | 167.7 |
| 62.5° | 195.7 | 183.4 | 173.4 | 166.6 | 161.6 | 158.0 | 155.3 | 154.6 | 152.5 | 150.4 | 147.7 |
| 65° | 168.9 | 158.8 | 149.8 | 143.3 | 138.7 | 135.9 | 133.8 | 131.9 | 127.3 | 122.4 | 119.9 |
| 67.5° | 142.8 | 135.5 | 127.1 | 121.7 | 118.0 | 114.3 | 110.2 | 107.0 | 102.7 | 100.0 | 98.5 |
| 70° | 126.0 | 119.0 | 111.9 | 106.6 | 102.7 | 99.3 | 94.6 | 92.4 | 89.4 | 88.2 | 86.6 |
| 72.5° | 110.0 | 103.5 | 96.8 | 92.1 | 87.9 | 85.2 | 81.6 | 79.4 | 78.0 | 77.6 | 76.0 |
| 75° | 85.7 | 80.5 | 75.5 | 71.2 | 67.8 | 66.0 | 64.4 | 62.9 | 62.3 | 59.5 | 57.9 |
| 77.5° | 62.5 | 59.0 | 56.0 | 52.9 | 50.5 | 49.3 | 46.3 | 44.5 | 43.5 | 42.1 | 41.8 |
| 80° | 48.7 | 46.3 | 43.2 | 41.3 | 37.9 | 36.7 | 35.4 | 35.2 | 34.9 | 34.5 | 34.2 |
| 82.5° | 36.6 | 34.1 | 31.1 | 29.9 | 29.1 | 28.3 | 27.6 | 27.3 | 26.9 | 27.1 | 27.1 |
| 85° | 18.5 | 17.3 | 17.3 | 17.0 | 16.6 | 16.3 | 16.0 | 16.0 | 15.7 | 16.0 | 15.7 |
| 87.5° | 7.3 | 7.3 | 7.4 | 7.1 | 7.5 | 7.7 | 7.5 | 7.7 | 8.0 | 7.7 | 7.8 |
| 90° | 5.8 | 6.7 | 7.5 | 8.3 | 9.1 | 9.9 | 10.5 | 11.2 | 11.7 | 12.4 | 12.8 |
| 92.5° | 14.7 | 15.6 | 16.2 | 16.8 | 17.3 | 17.9 | 18.2 | 18.6 | 19.0 | 19.3 | 19.6 |
| 95° | 30.7 | 31.5 | 32.2 | 33.0 | 33.7 | 34.3 | 34.6 | 34.9 | 35.3 | 35.6 | 35.7 |
| 97.5° | 50.2 | 51.0 | 51.8 | 52.7 | 53.5 | 54.3 | 54.7 | 55.1 | 55.4 | 55.8 | 55.9 |
| 100° | 64.9 | 65.5 | 66.4 | 67.3 | 68.2 | 69.2 | 69.3 | 69.6 | 69.7 | 69.9 | 70.0 |
| 102.5° | 80.5 | 81.0 | 81.8 | 82.6 | 83.5 | 84.3 | 84.6 | 84.8 | 85.2 | 85.4 | 85.6 |
| 105° | 105.7 | 105.9 | 106.3 | 106.7 | 107.1 | 107.5 | 107.8 | 108.1 | 108.4 | 108.8 | 109.0 |
| 107.5° | 132.5 | 132.5 | 132.5 | 132.6 | 132.7 | 132.8 | 133.0 | 133.3 | 133.6 | 133.9 | 134.0 |
| 110° | 150.8 | 150.8 | 150.8 | 150.7 | 150.6 | 150.4 | 150.3 | 150.0 | 149.9 | 149.6 | 149.7 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.0 | 168.9 | 168.7 | 168.5 | 168.3 | 168.2 | 168.1 | 168.1 | 168.0 | 168.0 | 168.0 |
| 115° | 197.0 | 196.9 | 196.7 | 196.5 | 196.3 | 196.1 | 196.0 | 195.9 | 195.8 | 195.7 | 195.6 |
| 117.5° | 223.9 | 223.9 | 223.7 | 223.6 | 223.4 | 223.3 | 222.9 | 222.6 | 222.3 | 221.9 | 221.7 |
| 120° | 242.9 | 243.0 | 242.6 | 242.3 | 242.0 | 241.7 | 241.2 | 240.7 | 240.2 | 239.7 | 239.6 |
| 122.5° | 260.3 | 260.4 | 260.2 | 260.1 | 259.9 | 259.8 | 259.4 | 259.1 | 258.8 | 258.4 | 258.1 |
| 125° | 286.9 | 286.8 | 286.8 | 286.7 | 286.5 | 286.5 | 286.2 | 286.1 | 285.8 | 285.7 | 285.4 |
| 127.5° | 312.8 | 312.8 | 312.7 | 312.5 | 312.4 | 312.2 | 312.0 | 311.8 | 311.6 | 311.4 | 311.2 |
| 130° | 330.1 | 330.3 | 330.3 | 330.3 | 330.3 | 330.3 | 330.1 | 329.9 | 329.7 | 329.5 | 329.2 |
| 132.5° | 347.5 | 347.6 | 347.5 | 347.5 | 347.4 | 347.3 | 347.1 | 346.9 | 346.7 | 346.5 | 346.3 |
| 135° | 372.5 | 372.7 | 372.7 | 372.7 | 372.7 | 372.7 | 372.6 | 372.3 | 372.2 | 371.9 | 371.7 |
| 137.5° | 396.6 | 396.9 | 397.0 | 397.2 | 397.4 | 397.5 | 397.3 | 397.0 | 396.7 | 396.5 | 396.3 |
| 140° | 413.3 | 413.4 | 413.4 | 413.4 | 413.4 | 413.4 | 413.3 | 413.2 | 413.1 | 413.0 | 412.9 |
| 142.5° | 428.9 | 428.9 | 428.8 | 428.7 | 428.6 | 428.6 | 428.6 | 428.6 | 428.6 | 428.5 | 428.5 |
| 145° | 451.1 | 451.4 | 451.5 | 451.6 | 451.7 | 451.8 | 451.7 | 451.6 | 451.5 | 451.4 | 451.2 |
| 147.5° | 472.9 | 473.0 | 472.9 | 472.9 | 472.8 | 472.7 | 472.6 | 472.5 | 472.5 | 472.4 | 472.3 |
| 150° | 485.5 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 |
| 152.5° | 497.2 | 497.3 | 497.4 | 497.5 | 497.6 | 497.6 | 497.9 | 498.1 | 498.4 | 498.6 | 498.6 |
| 155° | 515.1 | 515.0 | 514.9 | 514.8 | 514.8 | 514.6 | 515.0 | 515.4 | 515.8 | 516.3 | 516.3 |
| 157.5° | 530.3 | 530.1 | 530.1 | 530.1 | 530.1 | 530.0 | 530.4 | 530.7 | 531.0 | 531.3 | 531.2 |
| 160° | 540.0 | 539.9 | 539.8 | 539.7 | 539.6 | 539.5 | 539.8 | 540.1 | 540.3 | 540.7 | 540.6 |
| 162.5° | 548.0 | 547.8 | 547.7 | 547.6 | 547.6 | 547.4 | 548.0 | 548.5 | 549.1 | 549.6 | 549.6 |
| 165° | 559.5 | 559.3 | 559.0 | 558.9 | 558.6 | 558.5 | 559.0 | 559.7 | 560.2 | 560.9 | 560.9 |
| 167.5° | 568.0 | 567.8 | 567.8 | 567.8 | 567.8 | 567.8 | 568.5 | 569.0 | 569.7 | 570.3 | 570.2 |
| 170° | 572.7 | 572.5 | 572.6 | 572.7 | 572.8 | 572.9 | 573.5 | 574.1 | 574.7 | 575.3 | 575.3 |
| 172.5° | 576.6 | 576.5 | 576.5 | 576.5 | 576.5 | 576.6 | 577.2 | 577.9 | 578.6 | 579.2 | 579.2 |
| 175° | 581.3 | 581.0 | 580.9 | 580.8 | 580.7 | 580.6 | 581.3 | 582.0 | 582.7 | 583.4 | 583.4 |
| 177.5° | 583.3 | 583.1 | 583.1 | 583.1 | 583.1 | 583.1 | 583.7 | 584.2 | 584.8 | 585.3 | 585.3 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 730.2 | 730.7 | 729.0 | 728.5 | 729.0 | 730.7 | 730.2 | 731.7 | 732.0 | 734.0 | 733.2 |
| 5° | 677.5 | 676.8 | 675.3 | 675.7 | 675.3 | 676.8 | 677.5 | 679.9 | 681.2 | 686.1 | 685.5 |
| 7.5° | 632.3 | 629.9 | 630.7 | 628.1 | 630.7 | 629.9 | 632.3 | 634.5 | 638.3 | 640.6 | 645.8 |
| 10° | 604.8 | 601.3 | 598.6 | 596.1 | 598.6 | 601.3 | 604.8 | 605.9 | 611.2 | 613.7 | 618.9 |
| 12.5° | 567.0 | 564.1 | 560.3 | 561.1 | 560.3 | 564.1 | 567.0 | 572.4 | 579.2 | 584.3 | 592.6 |
| 15° | 513.5 | 508.9 | 501.5 | 502.4 | 501.5 | 508.9 | 513.5 | 517.5 | 524.3 | 536.0 | 541.5 |
| 17.5° | 468.2 | 468.3 | 464.9 | 465.6 | 464.9 | 468.3 | 468.2 | 473.6 | 477.1 | 484.6 | 493.1 |
| 20° | 444.7 | 442.6 | 442.9 | 442.0 | 442.9 | 442.6 | 444.7 | 451.2 | 455.0 | 460.2 | 469.4 |
| 22.5° | 428.5 | 425.9 | 423.7 | 421.8 | 423.7 | 425.9 | 428.5 | 430.3 | 435.2 | 440.2 | 447.7 |
| 25° | 401.0 | 399.2 | 396.4 | 395.8 | 396.4 | 399.2 | 401.0 | 403.8 | 406.2 | 412.7 | 417.3 |
| 27.5° | 376.8 | 376.4 | 375.3 | 373.9 | 375.3 | 376.4 | 376.8 | 379.3 | 382.5 | 386.7 | 392.5 |
| 30° | 362.7 | 362.2 | 361.6 | 360.6 | 361.6 | 362.2 | 362.7 | 365.3 | 367.7 | 371.1 | 375.7 |
| 32.5° | 350.2 | 349.8 | 349.2 | 349.3 | 349.2 | 349.8 | 350.2 | 351.4 | 352.9 | 357.3 | 360.9 |
| 35° | 332.2 | 331.9 | 331.4 | 331.1 | 331.4 | 331.9 | 332.2 | 333.5 | 334.5 | 335.6 | 338.7 |
| 37.5° | 315.5 | 316.3 | 315.9 | 315.8 | 315.9 | 316.3 | 315.5 | 315.8 | 314.8 | 317.0 | 319.2 |
| 40° | 303.9 | 304.2 | 304.8 | 304.5 | 304.8 | 304.2 | 303.9 | 304.2 | 304.2 | 304.2 | 306.1 |
| 42.5° | 294.3 | 294.4 | 295.2 | 294.1 | 295.2 | 294.4 | 294.3 | 293.1 | 291.6 | 291.9 | 292.5 |
| 45° | 277.1 | 278.9 | 278.6 | 278.6 | 278.6 | 278.9 | 277.1 | 275.0 | 274.6 | 273.4 | 273.4 |
| 47.5° | 258.3 | 259.9 | 260.3 | 260.2 | 260.3 | 259.9 | 258.3 | 257.5 | 256.0 | 254.8 | 254.7 |
| 50° | 246.0 | 245.3 | 246.3 | 246.0 | 246.3 | 245.3 | 246.0 | 244.4 | 242.2 | 242.2 | 241.6 |
| 52.5° | 230.9 | 231.1 | 231.0 | 230.7 | 231.0 | 231.1 | 230.9 | 230.1 | 229.2 | 228.2 | 227.8 |
| 55° | 207.7 | 208.0 | 207.5 | 207.7 | 207.5 | 208.0 | 207.7 | 207.5 | 207.5 | 206.8 | 207.5 |
| 57.5° | 182.6 | 181.1 | 181.7 | 181.0 | 181.7 | 181.1 | 182.6 | 183.9 | 184.4 | 184.6 | 185.4 |
| 60° | 164.6 | 162.2 | 161.5 | 160.3 | 161.5 | 162.2 | 164.6 | 167.7 | 168.9 | 169.5 | 170.5 |
| 62.5° | 144.3 | 142.7 | 140.5 | 141.6 | 140.5 | 142.7 | 144.3 | 147.7 | 150.4 | 152.5 | 154.6 |
| 65° | 117.4 | 116.2 | 115.3 | 116.5 | 115.3 | 116.2 | 117.4 | 119.9 | 122.4 | 127.3 | 131.9 |
| 67.5° | 97.2 | 96.6 | 96.6 | 95.9 | 96.6 | 96.6 | 97.2 | 98.5 | 100.0 | 102.7 | 107.0 |
| 70° | 86.6 | 85.7 | 85.7 | 85.1 | 85.7 | 85.7 | 86.6 | 86.6 | 88.2 | 89.4 | 92.4 |
| 72.5° | 75.7 | 74.9 | 75.1 | 74.7 | 75.1 | 74.9 | 75.7 | 76.0 | 77.6 | 78.0 | 79.4 |
| 75° | 56.1 | 54.6 | 54.6 | 54.9 | 54.6 | 54.6 | 56.1 | 57.9 | 59.5 | 62.3 | 62.9 |
| 77.5° | 41.8 | 41.5 | 42.0 | 41.4 | 42.0 | 41.5 | 41.8 | 41.8 | 42.1 | 43.5 | 44.5 |
| 80° | 34.2 | 33.9 | 33.6 | 34.5 | 33.6 | 33.9 | 34.2 | 34.2 | 34.5 | 34.9 | 35.2 |
| 82.5° | 26.5 | 26.5 | 26.5 | 27.6 | 26.5 | 26.5 | 26.5 | 27.1 | 27.1 | 26.9 | 27.3 |
| 85° | 16.0 | 15.4 | 16.0 | 15.4 | 16.0 | 15.4 | 16.0 | 15.7 | 16.0 | 15.7 | 16.0 |
| 87.5° | 8.2 | 8.1 | 7.8 | 8.2 | 7.8 | 8.1 | 8.2 | 7.8 | 7.7 | 8.0 | 7.7 |
| 90° | 13.0 | 13.2 | 13.4 | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.4 | 11.7 | 11.2 |
| 92.5° | 19.7 | 19.8 | 20.0 | 20.0 | 20.0 | 19.8 | 19.7 | 19.6 | 19.3 | 19.0 | 18.6 |
| 95° | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.6 | 35.3 | 34.9 |
| 97.5° | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.8 | 55.4 | 55.1 |
| 100° | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 69.9 | 69.7 | 69.6 |
| 102.5° | 85.7 | 85.8 | 85.9 | 86.0 | 85.9 | 85.8 | 85.7 | 85.6 | 85.4 | 85.2 | 84.8 |
| 105° | 109.3 | 109.6 | 110.0 | 110.3 | 110.0 | 109.6 | 109.3 | 109.0 | 108.8 | 108.4 | 108.1 |
| 107.5° | 134.0 | 134.0 | 134.0 | 134.0 | 134.0 | 134.0 | 134.0 | 134.0 | 133.9 | 133.6 | 133.3 |
| 110° | 150.0 | 150.3 | 150.6 | 150.9 | 150.6 | 150.3 | 150.0 | 149.7 | 149.6 | 149.9 | 150.0 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.1 | 168.1 | 168.2 | 168.3 | 168.2 | 168.1 | 168.1 | 168.0 | 168.0 | 168.0 | 168.1 |
| 115° | 195.5 | 195.4 | 195.3 | 195.2 | 195.3 | 195.4 | 195.5 | 195.6 | 195.7 | 195.8 | 195.9 |
| 117.5° | 221.4 | 221.3 | 221.0 | 220.9 | 221.0 | 221.3 | 221.4 | 221.7 | 221.9 | 222.3 | 222.6 |
| 120° | 239.8 | 240.0 | 240.2 | 240.3 | 240.2 | 240.0 | 239.8 | 239.6 | 239.7 | 240.2 | 240.7 |
| 122.5° | 257.7 | 257.4 | 257.0 | 256.7 | 257.0 | 257.4 | 257.7 | 258.1 | 258.4 | 258.8 | 259.1 |
| 125° | 285.3 | 285.0 | 284.9 | 284.6 | 284.9 | 285.0 | 285.3 | 285.4 | 285.7 | 285.8 | 286.1 |
| 127.5° | 311.1 | 310.9 | 310.8 | 310.6 | 310.8 | 310.9 | 311.1 | 311.2 | 311.4 | 311.6 | 311.8 |
| 130° | 328.8 | 328.4 | 328.0 | 327.6 | 328.0 | 328.4 | 328.8 | 329.2 | 329.5 | 329.7 | 329.9 |
| 132.5° | 346.1 | 345.9 | 345.8 | 345.6 | 345.8 | 345.9 | 346.1 | 346.3 | 346.5 | 346.7 | 346.9 |
| 135° | 371.4 | 371.1 | 370.8 | 370.5 | 370.8 | 371.1 | 371.4 | 371.7 | 371.9 | 372.2 | 372.3 |
| 137.5° | 396.4 | 396.5 | 396.6 | 396.6 | 396.6 | 396.5 | 396.4 | 396.3 | 396.5 | 396.7 | 397.0 |
| 140° | 412.8 | 412.7 | 412.6 | 412.5 | 412.6 | 412.7 | 412.8 | 412.9 | 413.0 | 413.1 | 413.2 |
| 142.5° | 428.5 | 428.5 | 428.4 | 428.4 | 428.4 | 428.5 | 428.5 | 428.5 | 428.5 | 428.6 | 428.6 |
| 145° | 450.9 | 450.6 | 450.3 | 450.0 | 450.3 | 450.6 | 450.9 | 451.2 | 451.4 | 451.5 | 451.6 |
| 147.5° | 472.2 | 472.1 | 472.0 | 471.9 | 472.0 | 472.1 | 472.2 | 472.3 | 472.4 | 472.5 | 472.5 |
| 150° | 485.5 | 485.4 | 485.4 | 485.3 | 485.4 | 485.4 | 485.5 | 485.7 | 485.7 | 485.7 | 485.7 |
| 152.5° | 498.4 | 498.0 | 497.8 | 497.6 | 497.8 | 498.0 | 498.4 | 498.6 | 498.6 | 498.4 | 498.1 |
| 155° | 515.8 | 515.4 | 515.0 | 514.6 | 515.0 | 515.4 | 515.8 | 516.3 | 516.3 | 515.8 | 515.4 |
| 157.5° | 530.9 | 530.6 | 530.2 | 529.9 | 530.2 | 530.6 | 530.9 | 531.2 | 531.3 | 531.0 | 530.7 |
| 160° | 540.1 | 539.6 | 539.1 | 538.6 | 539.1 | 539.6 | 540.1 | 540.6 | 540.7 | 540.3 | 540.1 |
| 162.5° | 549.1 | 548.6 | 548.1 | 547.6 | 548.1 | 548.6 | 549.1 | 549.6 | 549.6 | 549.1 | 548.5 |
| 165° | 560.5 | 560.2 | 559.8 | 559.4 | 559.8 | 560.2 | 560.5 | 560.9 | 560.9 | 560.2 | 559.7 |
| 167.5° | 569.7 | 569.0 | 568.4 | 567.8 | 568.4 | 569.0 | 569.7 | 570.2 | 570.3 | 569.7 | 569.0 |
| 170° | 574.6 | 573.9 | 573.1 | 572.4 | 573.1 | 573.9 | 574.6 | 575.3 | 575.3 | 574.7 | 574.1 |
| 172.5° | 578.5 | 577.8 | 577.1 | 576.5 | 577.1 | 577.8 | 578.5 | 579.2 | 579.2 | 578.6 | 577.9 |
| 175° | 582.7 | 582.0 | 581.3 | 580.6 | 581.3 | 582.0 | 582.7 | 583.4 | 583.4 | 582.7 | 582.0 |
| 177.5° | 584.7 | 584.1 | 583.4 | 582.7 | 583.4 | 584.1 | 584.7 | 585.3 | 585.3 | 584.8 | 584.2 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 731.7 | 733.5 | 737.4 | 741.8 | 745.5 | 748.8 | 751.2 | 754.6 | 757.9 | 762.3 | 766.5 |
| 5° | 687.3 | 691.7 | 697.8 | 705.2 | 714.5 | 720.6 | 728.3 | 735.1 | 745.0 | 754.9 | 764.4 |
| 7.5° | 648.4 | 653.2 | 662.2 | 672.4 | 683.4 | 693.5 | 702.6 | 714.5 | 727.6 | 742.0 | 758.0 |
| 10° | 623.2 | 628.4 | 639.3 | 650.9 | 663.9 | 673.8 | 686.1 | 700.3 | 715.1 | 732.6 | 752.3 |
| 12.5° | 600.6 | 605.5 | 618.5 | 630.5 | 644.0 | 654.8 | 669.1 | 683.5 | 703.2 | 722.3 | 744.7 |
| 15° | 556.3 | 569.6 | 584.4 | 598.6 | 614.6 | 627.9 | 645.1 | 659.9 | 678.7 | 705.5 | 731.1 |
| 17.5° | 507.2 | 521.4 | 539.8 | 561.7 | 583.1 | 599.5 | 617.0 | 635.4 | 657.8 | 685.2 | 714.7 |
| 20° | 478.6 | 490.0 | 510.4 | 534.8 | 559.8 | 582.6 | 598.6 | 618.9 | 642.1 | 671.6 | 702.1 |
| 22.5° | 457.2 | 466.9 | 482.8 | 507.2 | 534.1 | 560.6 | 581.1 | 601.2 | 626.8 | 656.3 | 689.6 |
| 25° | 425.0 | 435.5 | 449.4 | 466.0 | 496.9 | 524.9 | 551.8 | 574.8 | 602.0 | 631.5 | 668.5 |
| 27.5° | 398.3 | 407.4 | 420.1 | 437.4 | 458.1 | 489.1 | 521.6 | 548.0 | 575.8 | 607.5 | 644.5 |
| 30° | 382.5 | 389.9 | 400.4 | 418.0 | 437.7 | 465.4 | 498.4 | 529.3 | 557.3 | 590.3 | 628.8 |
| 32.5° | 366.0 | 373.9 | 384.1 | 398.0 | 419.1 | 442.5 | 475.5 | 509.2 | 539.0 | 572.7 | 610.5 |
| 35° | 344.0 | 350.1 | 359.4 | 373.6 | 392.7 | 413.0 | 442.3 | 477.1 | 508.6 | 544.6 | 580.7 |
| 37.5° | 321.7 | 329.0 | 336.3 | 348.9 | 364.6 | 386.4 | 410.4 | 446.0 | 480.9 | 513.7 | 549.0 |
| 40° | 309.1 | 313.5 | 321.5 | 331.7 | 348.3 | 367.7 | 390.2 | 425.0 | 459.9 | 492.6 | 528.0 |
| 42.5° | 295.1 | 299.9 | 306.7 | 316.9 | 331.8 | 350.7 | 372.7 | 402.8 | 439.2 | 470.9 | 503.1 |
| 45° | 275.5 | 278.3 | 285.1 | 293.7 | 306.1 | 325.2 | 345.5 | 372.3 | 406.5 | 436.7 | 465.1 |
| 47.5° | 255.8 | 258.3 | 262.4 | 270.4 | 284.2 | 299.5 | 318.6 | 342.6 | 372.6 | 402.8 | 426.8 |
| 50° | 242.2 | 244.4 | 248.4 | 255.8 | 268.2 | 283.3 | 302.1 | 323.6 | 350.5 | 379.5 | 399.4 |
| 52.5° | 228.7 | 229.9 | 233.6 | 242.0 | 252.4 | 267.2 | 284.1 | 303.9 | 329.0 | 353.1 | 373.4 |
| 55° | 207.2 | 209.9 | 212.4 | 218.6 | 228.4 | 242.6 | 257.7 | 276.5 | 295.9 | 316.2 | 333.5 |
| 57.5° | 184.7 | 187.7 | 191.2 | 196.6 | 204.5 | 217.7 | 231.2 | 246.4 | 263.0 | 280.0 | 294.4 |
| 60° | 169.8 | 172.6 | 175.7 | 181.9 | 188.9 | 199.4 | 214.2 | 227.4 | 240.1 | 255.5 | 270.0 |
| 62.5° | 155.3 | 158.0 | 161.6 | 166.6 | 173.4 | 183.4 | 195.7 | 207.2 | 220.4 | 233.9 | 244.6 |
| 65° | 133.8 | 135.9 | 138.7 | 143.3 | 149.8 | 158.8 | 168.9 | 177.8 | 189.6 | 199.4 | 209.3 |
| 67.5° | 110.2 | 114.3 | 118.0 | 121.7 | 127.1 | 135.5 | 142.8 | 151.4 | 159.4 | 166.7 | 175.7 |
| 70° | 94.6 | 99.3 | 102.7 | 106.6 | 111.9 | 119.0 | 126.0 | 131.9 | 138.4 | 145.4 | 153.5 |
| 72.5° | 81.6 | 85.2 | 87.9 | 92.1 | 96.8 | 103.5 | 110.0 | 114.9 | 120.2 | 125.0 | 132.8 |
| 75° | 64.4 | 66.0 | 67.8 | 71.2 | 75.5 | 80.5 | 85.7 | 90.0 | 93.1 | 97.4 | 103.0 |
| 77.5° | 46.3 | 49.3 | 50.5 | 52.9 | 56.0 | 59.0 | 62.5 | 66.1 | 69.1 | 70.7 | 74.9 |
| 80° | 35.4 | 36.7 | 37.9 | 41.3 | 43.2 | 46.3 | 48.7 | 52.1 | 53.3 | 54.9 | 58.9 |
| 82.5° | 27.6 | 28.3 | 29.1 | 29.9 | 31.1 | 34.1 | 36.6 | 38.7 | 40.0 | 40.6 | 43.6 |
| 85° | 16.0 | 16.3 | 16.6 | 17.0 | 17.3 | 17.3 | 18.5 | 20.0 | 22.2 | 22.2 | 23.1 |
| 87.5° | 7.5 | 7.7 | 7.5 | 7.1 | 7.4 | 7.3 | 7.3 | 7.1 | 7.6 | 8.2 | 8.6 |
| 90° | 10.5 | 9.9 | 9.1 | 8.3 | 7.5 | 6.7 | 5.8 | 4.7 | 3.6 | 2.5 | 1.3 |
| 92.5° | 18.2 | 17.9 | 17.3 | 16.8 | 16.2 | 15.6 | 14.7 | 13.5 | 12.2 | 10.9 | 9.7 |
| 95° | 34.6 | 34.3 | 33.7 | 33.0 | 32.2 | 31.5 | 30.7 | 29.8 | 28.9 | 28.0 | 27.1 |
| 97.5° | 54.7 | 54.3 | 53.5 | 52.7 | 51.8 | 51.0 | 50.2 | 49.5 | 48.8 | 48.1 | 47.4 |
| 100° | 69.3 | 69.2 | 68.2 | 67.3 | 66.4 | 65.5 | 64.9 | 64.5 | 64.1 | 63.7 | 63.2 |
| 102.5° | 84.6 | 84.3 | 83.5 | 82.6 | 81.8 | 81.0 | 80.5 | 80.3 | 80.2 | 80.0 | 79.9 |
| 105° | 107.8 | 107.5 | 107.1 | 106.7 | 106.3 | 105.9 | 105.7 | 105.6 | 105.4 | 105.4 | 105.3 |
| 107.5° | 133.0 | 132.8 | 132.7 | 132.6 | 132.5 | 132.5 | 132.5 | 132.3 | 132.1 | 132.1 | 131.9 |
| 110° | 150.3 | 150.4 | 150.6 | 150.7 | 150.8 | 150.8 | 150.8 | 150.6 | 150.4 | 150.2 | 150.0 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.1 | 168.2 | 168.3 | 168.5 | 168.7 | 168.9 | 169.0 | 168.9 | 168.9 | 168.8 | 168.8 |
| 115° | 196.0 | 196.1 | 196.3 | 196.5 | 196.7 | 196.9 | 197.0 | 197.0 | 197.0 | 197.0 | 197.0 |
| 117.5° | 222.9 | 223.3 | 223.4 | 223.6 | 223.7 | 223.9 | 223.9 | 223.8 | 223.7 | 223.6 | 223.6 |
| 120° | 241.2 | 241.7 | 242.0 | 242.3 | 242.6 | 243.0 | 242.9 | 242.5 | 242.1 | 241.7 | 241.3 |
| 122.5° | 259.4 | 259.8 | 259.9 | 260.1 | 260.2 | 260.4 | 260.3 | 260.2 | 260.0 | 259.8 | 259.7 |
| 125° | 286.2 | 286.5 | 286.5 | 286.7 | 286.8 | 286.8 | 286.9 | 286.9 | 286.9 | 286.9 | 286.9 |
| 127.5° | 312.0 | 312.2 | 312.4 | 312.5 | 312.7 | 312.8 | 312.8 | 312.5 | 312.2 | 311.9 | 311.6 |
| 130° | 330.1 | 330.3 | 330.3 | 330.3 | 330.3 | 330.3 | 330.1 | 329.9 | 329.5 | 329.2 | 328.9 |
| 132.5° | 347.1 | 347.3 | 347.4 | 347.5 | 347.5 | 347.6 | 347.5 | 347.3 | 347.1 | 346.9 | 346.7 |
| 135° | 372.6 | 372.7 | 372.7 | 372.7 | 372.7 | 372.7 | 372.5 | 371.9 | 371.2 | 370.7 | 370.0 |
| 137.5° | 397.3 | 397.5 | 397.4 | 397.2 | 397.0 | 396.9 | 396.6 | 396.3 | 396.1 | 395.8 | 395.5 |
| 140° | 413.3 | 413.4 | 413.4 | 413.4 | 413.4 | 413.4 | 413.3 | 413.1 | 412.9 | 412.7 | 412.5 |
| 142.5° | 428.6 | 428.6 | 428.6 | 428.7 | 428.8 | 428.9 | 428.9 | 428.6 | 428.5 | 428.3 | 428.0 |
| 145° | 451.7 | 451.8 | 451.7 | 451.6 | 451.5 | 451.4 | 451.1 | 450.8 | 450.4 | 450.0 | 449.6 |
| 147.5° | 472.6 | 472.7 | 472.8 | 472.9 | 472.9 | 473.0 | 472.9 | 472.3 | 471.8 | 471.3 | 470.9 |
| 150° | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.5 | 485.1 | 484.7 | 484.3 | 483.9 |
| 152.5° | 497.9 | 497.6 | 497.6 | 497.5 | 497.4 | 497.3 | 497.2 | 496.9 | 496.7 | 496.5 | 496.2 |
| 155° | 515.0 | 514.6 | 514.8 | 514.8 | 514.9 | 515.0 | 515.1 | 515.1 | 515.1 | 515.1 | 515.1 |
| 157.5° | 530.4 | 530.0 | 530.1 | 530.1 | 530.1 | 530.1 | 530.3 | 530.4 | 530.6 | 530.8 | 531.0 |
| 160° | 539.8 | 539.5 | 539.6 | 539.7 | 539.8 | 539.9 | 540.0 | 540.1 | 540.2 | 540.3 | 540.3 |
| 162.5° | 548.0 | 547.4 | 547.6 | 547.6 | 547.7 | 547.8 | 548.0 | 548.3 | 548.5 | 548.8 | 549.1 |
| 165° | 559.0 | 558.5 | 558.6 | 558.9 | 559.0 | 559.3 | 559.5 | 559.8 | 560.1 | 560.4 | 560.7 |
| 167.5° | 568.5 | 567.8 | 567.8 | 567.8 | 567.8 | 567.8 | 568.0 | 568.4 | 568.8 | 569.3 | 569.7 |
| 170° | 573.5 | 572.9 | 572.8 | 572.7 | 572.6 | 572.5 | 572.7 | 573.2 | 573.7 | 574.3 | 574.7 |
| 172.5° | 577.2 | 576.6 | 576.5 | 576.5 | 576.5 | 576.5 | 576.6 | 577.1 | 577.5 | 577.9 | 578.3 |
| 175° | 581.3 | 580.6 | 580.7 | 580.8 | 580.9 | 581.0 | 581.3 | 581.8 | 582.3 | 582.8 | 583.3 |
| 177.5° | 583.7 | 583.1 | 583.1 | 583.1 | 583.1 | 583.1 | 583.3 | 583.8 | 584.2 | 584.6 | 584.9 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 769.7 | 771.9 | 774.4 | 779.0 | 783.0 | 784.7 | 788.2 | 790.7 | 789.9 | 793.4 | 799.3 |
| 5° | 772.7 | 781.0 | 790.6 | 800.4 | 811.5 | 820.8 | 828.2 | 835.6 | 841.5 | 848.5 | 859.0 |
| 7.5° | 772.2 | 787.0 | 803.1 | 820.8 | 839.0 | 854.7 | 869.3 | 884.1 | 897.1 | 911.6 | 930.3 |
| 10° | 770.2 | 790.0 | 810.0 | 833.1 | 856.3 | 878.1 | 897.9 | 916.3 | 933.9 | 952.7 | 976.4 |
| 12.5° | 768.0 | 790.7 | 814.9 | 842.7 | 871.6 | 897.9 | 921.1 | 947.7 | 969.6 | 993.9 | 1021.4 |
| 15° | 758.2 | 788.8 | 821.7 | 857.8 | 892.3 | 927.7 | 959.5 | 992.2 | 1022.7 | 1051.6 | 1086.2 |
| 17.5° | 747.0 | 782.2 | 821.1 | 863.7 | 905.2 | 948.2 | 986.0 | 1027.1 | 1058.3 | 1097.2 | 1129.3 |
| 20° | 737.9 | 775.8 | 817.4 | 865.1 | 912.4 | 960.1 | 1001.7 | 1043.6 | 1078.8 | 1117.9 | 1158.6 |
| 22.5° | 726.8 | 768.4 | 813.5 | 862.9 | 912.4 | 964.6 | 1010.6 | 1052.3 | 1095.8 | 1139.9 | 1181.8 |
| 25° | 708.9 | 752.1 | 799.9 | 854.1 | 910.8 | 964.1 | 1013.4 | 1065.2 | 1112.1 | 1159.8 | 1197.5 |
| 27.5° | 687.0 | 732.3 | 782.7 | 838.6 | 896.8 | 951.4 | 1009.5 | 1064.7 | 1111.8 | 1157.8 | 1190.6 |
| 30° | 669.5 | 717.2 | 765.6 | 822.4 | 882.7 | 941.4 | 1003.5 | 1058.8 | 1108.3 | 1149.7 | 1168.2 |
| 32.5° | 651.5 | 696.8 | 746.6 | 804.1 | 866.0 | 929.0 | 990.8 | 1047.2 | 1093.1 | 1117.8 | 1118.3 |
| 35° | 620.1 | 662.7 | 714.5 | 770.9 | 834.3 | 902.8 | 965.4 | 1020.8 | 1048.8 | 1051.1 | 1020.8 |
| 37.5° | 586.0 | 625.0 | 673.9 | 730.4 | 799.9 | 868.0 | 931.8 | 968.8 | 978.3 | 946.9 | 891.0 |
| 40° | 561.6 | 597.6 | 644.8 | 702.7 | 771.8 | 842.1 | 900.3 | 927.4 | 917.6 | 866.7 | 804.5 |
| 42.5° | 535.9 | 569.5 | 615.0 | 672.2 | 741.5 | 812.5 | 862.1 | 876.6 | 850.5 | 791.8 | 718.9 |
| 45° | 494.1 | 524.9 | 569.9 | 627.6 | 694.1 | 760.7 | 798.3 | 790.9 | 747.4 | 677.8 | 596.1 |
| 47.5° | 450.5 | 480.3 | 520.8 | 574.1 | 642.3 | 699.7 | 725.2 | 702.9 | 641.0 | 564.4 | 498.0 |
| 50° | 421.7 | 452.2 | 489.5 | 540.3 | 602.6 | 658.1 | 674.4 | 640.5 | 571.7 | 498.1 | 437.0 |
| 52.5° | 393.3 | 419.4 | 455.9 | 505.0 | 564.6 | 611.5 | 620.1 | 581.1 | 510.1 | 444.1 | 390.0 |
| 55° | 350.1 | 373.9 | 404.7 | 450.9 | 502.4 | 542.2 | 537.6 | 487.3 | 422.9 | 366.5 | 323.9 |
| 57.5° | 308.4 | 326.3 | 354.7 | 398.1 | 443.3 | 470.0 | 453.0 | 410.3 | 350.2 | 304.0 | 268.2 |
| 60° | 280.8 | 297.5 | 323.9 | 361.9 | 401.6 | 416.7 | 402.5 | 356.0 | 308.6 | 266.3 | 236.1 |
| 62.5° | 254.7 | 269.3 | 292.2 | 327.3 | 359.4 | 368.4 | 353.2 | 312.6 | 269.8 | 233.8 | 208.7 |
| 65° | 216.7 | 230.2 | 249.7 | 274.6 | 296.8 | 301.1 | 291.3 | 249.7 | 217.3 | 187.1 | 169.8 |
| 67.5° | 182.2 | 191.1 | 206.3 | 227.8 | 239.6 | 242.2 | 223.1 | 196.9 | 168.4 | 149.9 | 136.9 |
| 70° | 159.1 | 165.2 | 179.4 | 191.1 | 200.7 | 201.0 | 183.4 | 162.4 | 140.5 | 125.5 | 115.9 |
| 72.5° | 136.6 | 142.5 | 153.3 | 161.3 | 168.6 | 166.2 | 150.1 | 133.6 | 115.9 | 104.5 | 97.4 |
| 75° | 105.4 | 110.7 | 116.2 | 119.9 | 119.9 | 116.8 | 105.1 | 92.8 | 82.6 | 75.8 | 73.7 |
| 77.5° | 76.6 | 81.0 | 82.8 | 82.2 | 81.1 | 76.3 | 68.9 | 60.8 | 57.2 | 54.0 | 52.4 |
| 80° | 60.1 | 61.9 | 62.6 | 61.0 | 59.2 | 53.6 | 48.7 | 45.3 | 41.9 | 40.7 | 40.1 |
| 82.5° | 44.6 | 46.2 | 44.6 | 45.0 | 41.0 | 36.4 | 33.7 | 32.5 | 31.1 | 30.6 | 29.9 |
| 85° | 23.8 | 23.4 | 22.8 | 21.2 | 18.5 | 17.9 | 17.6 | 17.3 | 16.6 | 17.0 | 16.3 |
| 87.5° | 8.6 | 8.1 | 7.4 | 7.3 | 7.5 | 7.2 | 7.6 | 7.8 | 7.9 | 7.8 | 8.4 |
| 90° | 2.5 | 3.6 | 4.7 | 5.8 | 6.7 | 7.5 | 8.3 | 9.1 | 9.9 | 10.5 | 11.2 |
| 92.5° | 10.9 | 12.2 | 13.5 | 14.7 | 15.6 | 16.2 | 16.8 | 17.3 | 17.9 | 18.2 | 18.6 |
| 95° | 28.0 | 28.9 | 29.8 | 30.7 | 31.5 | 32.2 | 33.0 | 33.7 | 34.3 | 34.6 | 34.9 |
| 97.5° | 48.1 | 48.8 | 49.5 | 50.2 | 51.0 | 51.8 | 52.7 | 53.5 | 54.3 | 54.7 | 55.1 |
| 100° | 63.7 | 64.1 | 64.5 | 64.9 | 65.5 | 66.4 | 67.3 | 68.2 | 69.2 | 69.3 | 69.6 |
| 102.5° | 80.0 | 80.2 | 80.3 | 80.5 | 81.0 | 81.8 | 82.6 | 83.5 | 84.3 | 84.6 | 84.8 |
| 105° | 105.4 | 105.4 | 105.6 | 105.7 | 105.9 | 106.3 | 106.7 | 107.1 | 107.5 | 107.8 | 108.1 |
| 107.5° | 132.1 | 132.1 | 132.3 | 132.5 | 132.5 | 132.5 | 132.6 | 132.7 | 132.8 | 133.0 | 133.3 |
| 110° | 150.2 | 150.4 | 150.6 | 150.8 | 150.8 | 150.8 | 150.7 | 150.6 | 150.4 | 150.3 | 150.0 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.8 | 168.9 | 168.9 | 169.0 | 168.9 | 168.7 | 168.5 | 168.3 | 168.2 | 168.1 | 168.1 |
| 115° | 197.0 | 197.0 | 197.0 | 197.0 | 196.9 | 196.7 | 196.5 | 196.3 | 196.1 | 196.0 | 195.9 |
| 117.5° | 223.6 | 223.7 | 223.8 | 223.9 | 223.9 | 223.7 | 223.6 | 223.4 | 223.3 | 222.9 | 222.6 |
| 120° | 241.7 | 242.1 | 242.5 | 242.9 | 243.0 | 242.6 | 242.3 | 242.0 | 241.7 | 241.2 | 240.7 |
| 122.5° | 259.8 | 260.0 | 260.2 | 260.3 | 260.4 | 260.2 | 260.1 | 259.9 | 259.8 | 259.4 | 259.1 |
| 125° | 286.9 | 286.9 | 286.9 | 286.9 | 286.8 | 286.8 | 286.7 | 286.5 | 286.5 | 286.2 | 286.1 |
| 127.5° | 311.9 | 312.2 | 312.5 | 312.8 | 312.8 | 312.7 | 312.5 | 312.4 | 312.2 | 312.0 | 311.8 |
| 130° | 329.2 | 329.5 | 329.9 | 330.1 | 330.3 | 330.3 | 330.3 | 330.3 | 330.3 | 330.1 | 329.9 |
| 132.5° | 346.9 | 347.1 | 347.3 | 347.5 | 347.6 | 347.5 | 347.5 | 347.4 | 347.3 | 347.1 | 346.9 |
| 135° | 370.7 | 371.2 | 371.9 | 372.5 | 372.7 | 372.7 | 372.7 | 372.7 | 372.7 | 372.6 | 372.3 |
| 137.5° | 395.8 | 396.1 | 396.3 | 396.6 | 396.9 | 397.0 | 397.2 | 397.4 | 397.5 | 397.3 | 397.0 |
| 140° | 412.7 | 412.9 | 413.1 | 413.3 | 413.4 | 413.4 | 413.4 | 413.4 | 413.4 | 413.3 | 413.2 |
| 142.5° | 428.3 | 428.5 | 428.6 | 428.9 | 428.9 | 428.8 | 428.7 | 428.6 | 428.6 | 428.6 | 428.6 |
| 145° | 450.0 | 450.4 | 450.8 | 451.1 | 451.4 | 451.5 | 451.6 | 451.7 | 451.8 | 451.7 | 451.6 |
| 147.5° | 471.3 | 471.8 | 472.3 | 472.9 | 473.0 | 472.9 | 472.9 | 472.8 | 472.7 | 472.6 | 472.5 |
| 150° | 484.3 | 484.7 | 485.1 | 485.5 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 | 485.7 |
| 152.5° | 496.5 | 496.7 | 496.9 | 497.2 | 497.3 | 497.4 | 497.5 | 497.6 | 497.6 | 497.9 | 498.1 |
| 155° | 515.1 | 515.1 | 515.1 | 515.1 | 515.0 | 514.9 | 514.8 | 514.8 | 514.6 | 515.0 | 515.4 |
| 157.5° | 530.8 | 530.6 | 530.4 | 530.3 | 530.1 | 530.1 | 530.1 | 530.1 | 530.0 | 530.4 | 530.7 |
| 160° | 540.3 | 540.2 | 540.1 | 540.0 | 539.9 | 539.8 | 539.7 | 539.6 | 539.5 | 539.8 | 540.1 |
| 162.5° | 548.8 | 548.5 | 548.3 | 548.0 | 547.8 | 547.7 | 547.6 | 547.6 | 547.4 | 548.0 | 548.5 |
| 165° | 560.4 | 560.1 | 559.8 | 559.5 | 559.3 | 559.0 | 558.9 | 558.6 | 558.5 | 559.0 | 559.7 |
| 167.5° | 569.3 | 568.8 | 568.4 | 568.0 | 567.8 | 567.8 | 567.8 | 567.8 | 567.8 | 568.5 | 569.0 |
| 170° | 574.3 | 573.7 | 573.2 | 572.7 | 572.5 | 572.6 | 572.7 | 572.8 | 572.9 | 573.5 | 574.1 |
| 172.5° | 577.9 | 577.5 | 577.1 | 576.6 | 576.5 | 576.5 | 576.5 | 576.5 | 576.6 | 577.2 | 577.9 |
| 175° | 582.8 | 582.3 | 581.8 | 581.3 | 581.0 | 580.9 | 580.8 | 580.7 | 580.6 | 581.3 | 582.0 |
| 177.5° | 584.6 | 584.2 | 583.8 | 583.3 | 583.1 | 583.1 | 583.1 | 583.1 | 583.1 | 583.7 | 584.2 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 | 765.0 |
| 2.5° | 802.5 | 803.5 | 804.2 | 806.7 | 806.9 | 809.1 | 806.9 |
| 5° | 868.9 | 873.2 | 880.0 | 886.8 | 887.4 | 891.7 | 884.0 |
| 7.5° | 943.3 | 953.3 | 959.6 | 970.5 | 974.9 | 977.6 | 973.1 |
| 10° | 994.7 | 1003.9 | 1020.3 | 1028.3 | 1036.3 | 1037.4 | 1033.8 |
| 12.5° | 1044.2 | 1058.8 | 1071.7 | 1087.0 | 1086.6 | 1097.4 | 1093.4 |
| 15° | 1110.2 | 1125.3 | 1143.2 | 1160.2 | 1166.3 | 1166.3 | 1171.2 |
| 17.5° | 1157.3 | 1185.0 | 1203.5 | 1216.8 | 1231.4 | 1233.9 | 1232.2 |
| 20° | 1189.1 | 1219.0 | 1238.7 | 1256.0 | 1265.9 | 1268.7 | 1268.7 |
| 22.5° | 1212.8 | 1238.3 | 1257.5 | 1273.0 | 1281.2 | 1284.4 | 1283.4 |
| 25° | 1229.2 | 1251.1 | 1262.8 | 1267.4 | 1269.6 | 1268.9 | 1263.1 |
| 27.5° | 1206.7 | 1205.8 | 1198.3 | 1184.2 | 1173.5 | 1167.0 | 1159.7 |
| 30° | 1163.9 | 1147.8 | 1129.3 | 1109.0 | 1082.8 | 1062.7 | 1056.6 |
| 32.5° | 1100.0 | 1064.0 | 1032.7 | 998.8 | 970.6 | 950.5 | 942.1 |
| 35° | 976.4 | 919.4 | 872.9 | 832.2 | 802.6 | 784.1 | 777.9 |
| 37.5° | 829.9 | 774.7 | 717.1 | 677.6 | 653.1 | 634.4 | 627.4 |
| 40° | 736.7 | 676.5 | 626.3 | 589.3 | 564.0 | 545.9 | 545.6 |
| 42.5° | 651.6 | 594.2 | 546.9 | 520.3 | 493.1 | 481.0 | 480.9 |
| 45° | 533.5 | 487.6 | 447.5 | 426.6 | 410.3 | 400.4 | 397.6 |
| 47.5° | 441.7 | 403.8 | 377.1 | 360.4 | 347.1 | 340.8 | 336.7 |
| 50° | 390.2 | 357.0 | 335.6 | 321.2 | 313.8 | 305.8 | 305.1 |
| 52.5° | 347.3 | 320.4 | 303.9 | 292.1 | 282.7 | 277.9 | 278.1 |
| 55° | 291.9 | 270.6 | 258.9 | 249.9 | 242.6 | 238.8 | 237.3 |
| 57.5° | 245.9 | 230.0 | 221.4 | 213.3 | 210.1 | 207.2 | 206.4 |
| 60° | 217.3 | 206.5 | 198.5 | 192.0 | 187.4 | 186.5 | 186.2 |
| 62.5° | 193.6 | 182.4 | 176.8 | 171.8 | 168.4 | 167.0 | 166.4 |
| 65° | 159.6 | 151.3 | 146.4 | 142.4 | 141.2 | 139.0 | 138.7 |
| 67.5° | 128.7 | 123.7 | 120.5 | 117.7 | 116.0 | 115.9 | 115.9 |
| 70° | 109.7 | 106.9 | 104.2 | 102.7 | 101.7 | 101.1 | 101.1 |
| 72.5° | 93.5 | 91.4 | 89.1 | 88.3 | 88.2 | 87.5 | 87.3 |
| 75° | 71.2 | 69.1 | 69.3 | 67.8 | 66.5 | 65.0 | 64.1 |
| 77.5° | 50.5 | 49.0 | 48.6 | 48.5 | 47.4 | 47.2 | 47.7 |
| 80° | 39.1 | 37.6 | 37.3 | 37.6 | 37.3 | 36.4 | 36.4 |
| 82.5° | 29.8 | 28.5 | 28.2 | 28.0 | 27.6 | 28.0 | 27.5 |
| 85° | 16.0 | 15.4 | 15.4 | 15.4 | 16.0 | 15.7 | 15.4 |
| 87.5° | 8.0 | 7.9 | 8.2 | 8.0 | 8.1 | 7.8 | 8.2 |
| 90° | 11.7 | 12.4 | 12.8 | 13.0 | 13.2 | 13.4 | 13.5 |
| 92.5° | 19.0 | 19.3 | 19.6 | 19.7 | 19.8 | 20.0 | 20.0 |
| 95° | 35.3 | 35.6 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| 97.5° | 55.4 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| 100° | 69.7 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 102.5° | 85.2 | 85.4 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 |
| 105° | 108.4 | 108.8 | 109.0 | 109.3 | 109.6 | 110.0 | 110.3 |
| 107.5° | 133.6 | 133.9 | 134.0 | 134.0 | 134.0 | 134.0 | 134.0 |
| 110° | 149.9 | 149.6 | 149.7 | 150.0 | 150.3 | 150.6 | 150.9 |



TEST NUMBER: P332902-927

CATALOG NUMBER: S124RDIP-S575D590U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.0 | 168.0 | 168.0 | 168.1 | 168.1 | 168.2 | 168.3 |
| 115° | 195.8 | 195.7 | 195.6 | 195.5 | 195.4 | 195.3 | 195.2 |
| 117.5° | 222.3 | 221.9 | 221.7 | 221.4 | 221.3 | 221.0 | 220.9 |
| 120° | 240.2 | 239.7 | 239.6 | 239.8 | 240.0 | 240.2 | 240.3 |
| 122.5° | 258.8 | 258.4 | 258.1 | 257.7 | 257.4 | 257.0 | 256.7 |
| 125° | 285.8 | 285.7 | 285.4 | 285.3 | 285.0 | 284.9 | 284.6 |
| 127.5° | 311.6 | 311.4 | 311.2 | 311.1 | 310.9 | 310.8 | 310.6 |
| 130° | 329.7 | 329.5 | 329.2 | 328.8 | 328.4 | 328.0 | 327.6 |
| 132.5° | 346.7 | 346.5 | 346.3 | 346.1 | 345.9 | 345.8 | 345.6 |
| 135° | 372.2 | 371.9 | 371.7 | 371.4 | 371.1 | 370.8 | 370.5 |
| 137.5° | 396.7 | 396.5 | 396.3 | 396.4 | 396.5 | 396.6 | 396.6 |
| 140° | 413.1 | 413.0 | 412.9 | 412.8 | 412.7 | 412.6 | 412.5 |
| 142.5° | 428.6 | 428.5 | 428.5 | 428.5 | 428.5 | 428.4 | 428.4 |
| 145° | 451.5 | 451.4 | 451.2 | 450.9 | 450.6 | 450.3 | 450.0 |
| 147.5° | 472.5 | 472.4 | 472.3 | 472.2 | 472.1 | 472.0 | 471.9 |
| 150° | 485.7 | 485.7 | 485.7 | 485.5 | 485.4 | 485.4 | 485.3 |
| 152.5° | 498.4 | 498.6 | 498.6 | 498.4 | 498.0 | 497.8 | 497.6 |
| 155° | 515.8 | 516.3 | 516.3 | 515.8 | 515.4 | 515.0 | 514.6 |
| 157.5° | 531.0 | 531.3 | 531.2 | 530.9 | 530.6 | 530.2 | 529.9 |
| 160° | 540.3 | 540.7 | 540.6 | 540.1 | 539.6 | 539.1 | 538.6 |
| 162.5° | 549.1 | 549.6 | 549.6 | 549.1 | 548.6 | 548.1 | 547.6 |
| 165° | 560.2 | 560.9 | 560.9 | 560.5 | 560.2 | 559.8 | 559.4 |
| 167.5° | 569.7 | 570.3 | 570.2 | 569.7 | 569.0 | 568.4 | 567.8 |
| 170° | 574.7 | 575.3 | 575.3 | 574.6 | 573.9 | 573.1 | 572.4 |
| 172.5° | 578.6 | 579.2 | 579.2 | 578.5 | 577.8 | 577.1 | 576.5 |
| 175° | 582.7 | 583.4 | 583.4 | 582.7 | 582.0 | 581.3 | 580.6 |
| 177.5° | 584.8 | 585.3 | 585.3 | 584.7 | 584.1 | 583.4 | 582.7 |
| 180° | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 | 584.2 |

(END OF REPORT)