

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: P333035-930

Luminaire Tested: **S124RDIW-S575D470U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333035-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIW-S575D470U930-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 470 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3519.8 lumens
Efficiency: N/A
Efficacy: 116.5 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

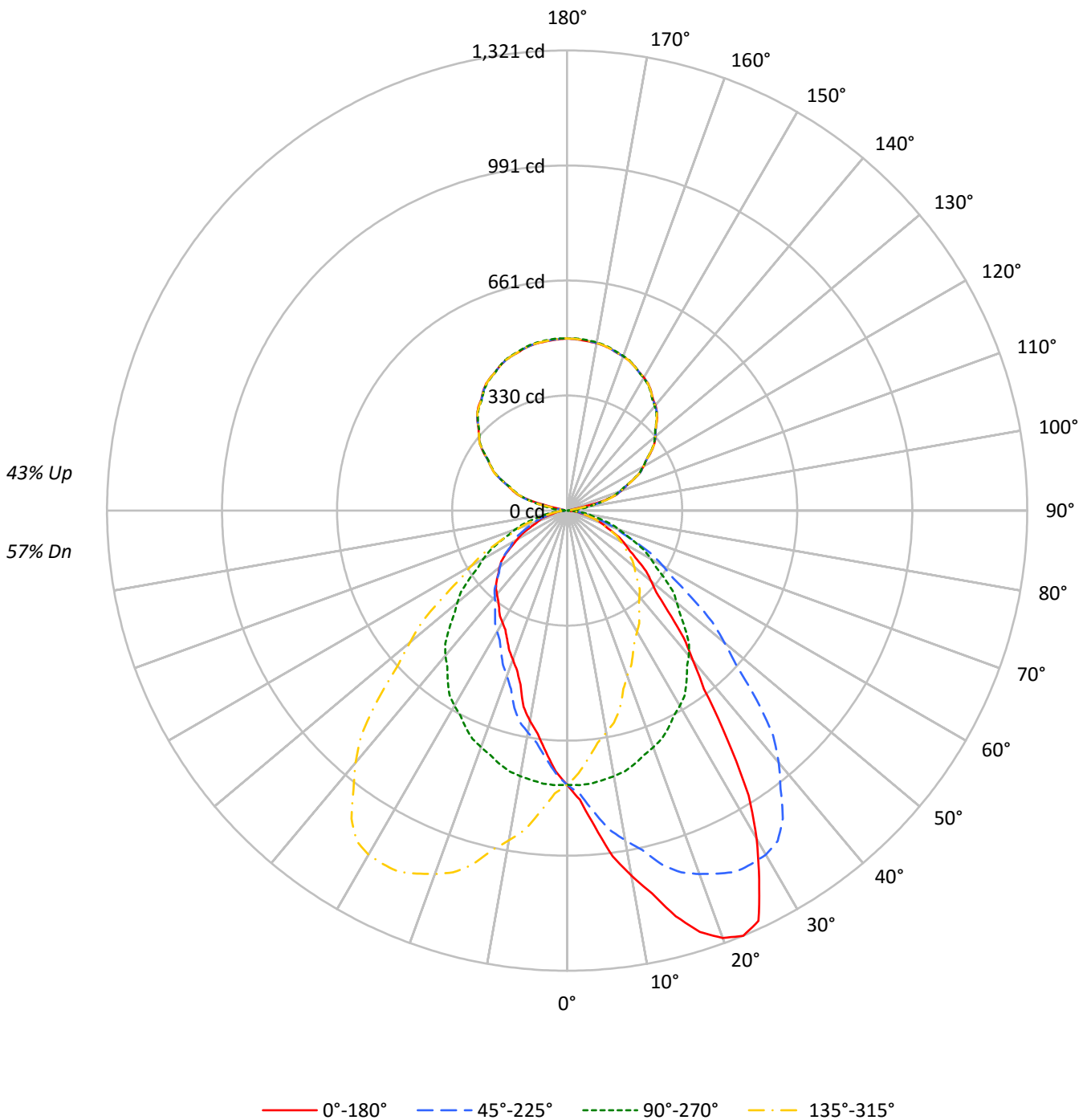
Input Watts (W): 30.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 57 |
| 1 | 100 | 96 | 92 | 89 | 93 | 89 | 86 | 83 | 77 | 75 | 73 | 66 | 64 | 63 | 56 | 55 | 54 | 49 |
| 2 | 91 | 84 | 78 | 73 | 85 | 79 | 73 | 69 | 68 | 64 | 61 | 59 | 56 | 53 | 50 | 48 | 46 | 42 |
| 3 | 84 | 74 | 67 | 62 | 78 | 70 | 63 | 58 | 61 | 56 | 52 | 52 | 49 | 46 | 44 | 42 | 40 | 36 |
| 4 | 77 | 66 | 58 | 52 | 71 | 62 | 55 | 50 | 54 | 49 | 45 | 47 | 43 | 39 | 40 | 37 | 35 | 31 |
| 5 | 71 | 59 | 51 | 45 | 66 | 56 | 48 | 43 | 49 | 43 | 39 | 42 | 38 | 35 | 36 | 33 | 30 | 27 |
| 6 | 65 | 53 | 45 | 40 | 61 | 50 | 43 | 38 | 44 | 38 | 34 | 38 | 34 | 30 | 33 | 30 | 27 | 24 |
| 7 | 60 | 48 | 40 | 35 | 56 | 45 | 38 | 33 | 40 | 34 | 30 | 35 | 30 | 27 | 30 | 27 | 24 | 22 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 30 | 37 | 31 | 27 | 32 | 28 | 24 | 28 | 24 | 22 | 19 |
| 9 | 52 | 40 | 33 | 28 | 49 | 38 | 31 | 27 | 34 | 28 | 24 | 30 | 25 | 22 | 26 | 22 | 20 | 18 |
| 10 | 49 | 37 | 30 | 25 | 46 | 35 | 28 | 24 | 31 | 26 | 22 | 27 | 23 | 20 | 24 | 20 | 18 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 6356 | 6356 | 6356 | 6356 |
| 5° | 7373 | 6375 | 5635 | 6375 |
| 10° | 8722 | 6347 | 5029 | 6347 |
| 15° | 10074 | 6288 | 4322 | 6288 |
| 20° | 11217 | 6208 | 3908 | 6208 |
| 25° | 11580 | 6128 | 3628 | 6128 |
| 30° | 10137 | 6032 | 3459 | 6032 |
| 35° | 7890 | 5889 | 3358 | 5889 |
| 40° | 5917 | 5727 | 3303 | 5727 |
| 45° | 4672 | 5465 | 3273 | 5465 |
| 50° | 3945 | 5163 | 3180 | 5163 |
| 55° | 3438 | 4830 | 3009 | 4830 |
| 60° | 3094 | 4487 | 2662 | 4487 |
| 65° | 2728 | 4115 | 2290 | 4115 |
| 70° | 2455 | 3729 | 2068 | 3729 |
| 75° | 2059 | 3306 | 1762 | 3306 |
| 80° | 1739 | 2817 | 1650 | 2817 |
| 85° | 1473 | 2205 | 1473 | 2205 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 76.3 | 2.2 |
| 10°-20° | 230.1 | 6.5 |
| 20°-30° | 359.9 | 10.2 |
| 30°-40° | 400.1 | 11.4 |
| 40°-50° | 355.0 | 10.1 |
| 50°-60° | 276.6 | 7.9 |
| 60°-70° | 181.1 | 5.1 |
| 70°-80° | 89.1 | 2.5 |
| 80°-90° | 23.4 | 0.7 |
| 90°-100° | 16.9 | 0.5 |
| 100°-110° | 107.7 | 3.1 |
| 110°-120° | 206.1 | 5.9 |
| 120°-130° | 261.6 | 7.4 |
| 130°-140° | 279.9 | 8.0 |
| 140°-150° | 261.7 | 7.4 |
| 150°-160° | 211.1 | 6.0 |
| 160°-170° | 136.1 | 3.9 |
| 170°-180° | 46.9 | 1.3 |
| 0°-30° | 666.3 | 18.9 |
| 0°-40° | 1066.4 | 30.3 |
| 0°-60° | 1698.1 | 48.2 |
| 0°-90° | 1991.6 | 56.6 |
| 90°-120° | 330.7 | 9.4 |
| 90°-150° | 1134.0 | 32.2 |
| 90°-180° | 1528.0 | 43.4 |
| 0°-180° | 3519.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 787 | 787 | 787 | 787 | 787 | |
| 5° | 910 | 787 | 695 | 787 | 910 | 92 |
| 15° | 1205 | 752 | 517 | 752 | 1205 | 343 |
| 25° | 1300 | 688 | 407 | 688 | 1300 | 577 |
| 35° | 801 | 598 | 341 | 598 | 801 | 502 |
| 45° | 409 | 479 | 287 | 479 | 409 | 324 |
| 55° | 244 | 343 | 214 | 343 | 244 | 222 |
| 65° | 143 | 215 | 120 | 215 | 143 | 144 |
| 75° | 66 | 106 | 56 | 106 | 66 | 73 |
| 85° | 16 | 24 | 16 | 24 | 16 | 18 |
| 90° | 11 | 1 | 11 | 1 | 11 | 6 |
| 95° | 11 | 20 | 11 | 20 | 11 | 9 |
| 105° | 105 | 111 | 105 | 111 | 105 | 92 |
| 115° | 209 | 208 | 209 | 208 | 209 | 207 |
| 125° | 294 | 292 | 294 | 292 | 294 | 262 |
| 135° | 365 | 362 | 365 | 362 | 365 | 281 |
| 145° | 420 | 418 | 420 | 418 | 420 | 262 |
| 155° | 458 | 458 | 458 | 458 | 458 | 211 |
| 165° | 481 | 483 | 481 | 483 | 481 | 136 |
| 175° | 491 | 494 | 491 | 494 | 491 | 47 |
| 180° | 494 | 494 | 494 | 494 | 494 | |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 830.5 | 832.7 | 830.5 | 830.2 | 827.7 | 827.0 | 825.9 | 822.6 | 816.5 | 812.9 | 813.8 |
| 5° | 909.8 | 917.7 | 913.3 | 912.6 | 905.6 | 898.7 | 894.2 | 884.1 | 873.3 | 866.0 | 860.0 |
| 7.5° | 1001.5 | 1006.1 | 1003.3 | 998.8 | 987.6 | 981.1 | 970.9 | 957.5 | 938.2 | 923.3 | 909.9 |
| 10° | 1064.0 | 1067.7 | 1066.5 | 1058.3 | 1050.0 | 1033.1 | 1023.7 | 1004.9 | 980.5 | 961.2 | 943.1 |
| 12.5° | 1125.4 | 1129.4 | 1118.3 | 1118.7 | 1103.0 | 1089.7 | 1074.6 | 1051.2 | 1022.9 | 997.9 | 975.3 |
| 15° | 1205.4 | 1200.4 | 1200.4 | 1194.0 | 1176.6 | 1158.1 | 1142.6 | 1117.9 | 1082.3 | 1052.6 | 1021.2 |
| 17.5° | 1268.1 | 1269.9 | 1267.3 | 1252.3 | 1238.6 | 1219.6 | 1191.1 | 1162.2 | 1129.2 | 1089.2 | 1057.1 |
| 20° | 1305.7 | 1305.7 | 1302.8 | 1292.7 | 1274.9 | 1254.6 | 1223.8 | 1192.5 | 1150.6 | 1110.3 | 1074.1 |
| 22.5° | 1320.9 | 1321.9 | 1318.6 | 1310.2 | 1294.2 | 1274.4 | 1248.2 | 1216.3 | 1173.1 | 1127.8 | 1083.0 |
| 25° | 1300.0 | 1305.9 | 1306.6 | 1304.4 | 1299.7 | 1287.6 | 1265.1 | 1232.4 | 1193.7 | 1144.5 | 1096.3 |
| 27.5° | 1193.5 | 1201.1 | 1207.8 | 1218.7 | 1233.3 | 1241.0 | 1241.9 | 1225.3 | 1191.6 | 1144.3 | 1095.8 |
| 30° | 1087.4 | 1093.7 | 1114.4 | 1141.3 | 1162.3 | 1181.3 | 1197.8 | 1202.2 | 1183.2 | 1140.7 | 1089.6 |
| 32.5° | 969.6 | 978.3 | 998.9 | 1027.9 | 1062.8 | 1095.0 | 1132.1 | 1151.0 | 1150.5 | 1124.9 | 1077.7 |
| 35° | 800.6 | 807.0 | 826.1 | 856.5 | 898.4 | 946.2 | 1004.9 | 1050.6 | 1081.7 | 1079.5 | 1050.6 |
| 37.5° | 645.7 | 652.9 | 672.1 | 697.4 | 738.0 | 797.3 | 854.1 | 917.0 | 974.5 | 1006.8 | 997.1 |
| 40° | 561.5 | 561.8 | 580.5 | 606.5 | 644.6 | 696.3 | 758.1 | 827.9 | 892.0 | 944.4 | 954.5 |
| 42.5° | 495.0 | 495.0 | 507.4 | 535.5 | 562.9 | 611.6 | 670.6 | 739.9 | 814.9 | 875.3 | 902.2 |
| 45° | 409.2 | 412.1 | 422.2 | 439.0 | 460.6 | 501.8 | 549.1 | 613.5 | 697.6 | 769.2 | 814.0 |
| 47.5° | 346.5 | 350.7 | 357.2 | 370.9 | 388.1 | 415.6 | 454.6 | 512.5 | 580.9 | 659.7 | 723.4 |
| 50° | 314.1 | 314.7 | 322.9 | 330.5 | 345.4 | 367.4 | 401.6 | 449.8 | 512.7 | 588.4 | 659.2 |
| 52.5° | 286.2 | 286.0 | 291.0 | 300.6 | 312.7 | 329.8 | 357.4 | 401.4 | 457.1 | 525.0 | 598.0 |
| 55° | 244.3 | 245.8 | 249.6 | 257.2 | 266.4 | 278.5 | 300.4 | 333.4 | 377.2 | 435.2 | 501.5 |
| 57.5° | 212.4 | 213.2 | 216.2 | 219.5 | 227.9 | 236.7 | 253.1 | 276.0 | 312.9 | 360.4 | 422.2 |
| 60° | 191.6 | 191.9 | 192.9 | 197.6 | 204.3 | 212.5 | 223.6 | 243.0 | 274.1 | 317.6 | 366.4 |
| 62.5° | 171.3 | 171.9 | 173.3 | 176.8 | 182.0 | 187.7 | 199.3 | 214.8 | 240.6 | 277.7 | 321.7 |
| 65° | 142.8 | 143.1 | 145.3 | 146.6 | 150.7 | 155.7 | 164.3 | 174.8 | 192.6 | 223.6 | 257.0 |
| 67.5° | 119.3 | 119.3 | 119.4 | 121.2 | 124.0 | 127.3 | 132.5 | 140.9 | 154.3 | 173.3 | 202.7 |
| 70° | 104.0 | 104.0 | 104.7 | 105.7 | 107.2 | 110.1 | 112.9 | 119.3 | 129.1 | 144.6 | 167.1 |
| 72.5° | 89.8 | 90.1 | 90.7 | 90.9 | 91.7 | 94.1 | 96.2 | 100.2 | 107.5 | 119.3 | 137.5 |
| 75° | 66.0 | 66.9 | 68.5 | 69.8 | 71.3 | 71.1 | 73.3 | 75.8 | 78.0 | 85.0 | 95.5 |
| 77.5° | 49.1 | 48.6 | 48.8 | 49.9 | 50.1 | 50.4 | 51.9 | 53.9 | 55.6 | 58.9 | 62.6 |
| 80° | 37.4 | 37.4 | 38.4 | 38.7 | 38.4 | 38.7 | 40.3 | 41.3 | 41.9 | 43.1 | 46.6 |
| 82.5° | 28.3 | 28.8 | 28.5 | 28.8 | 29.0 | 29.4 | 30.7 | 30.8 | 31.5 | 32.0 | 33.4 |
| 85° | 15.9 | 16.1 | 16.5 | 15.9 | 15.9 | 15.9 | 16.5 | 16.8 | 17.4 | 17.1 | 17.8 |
| 87.5° | 7.8 | 7.5 | 7.7 | 7.7 | 7.9 | 7.6 | 7.7 | 8.2 | 7.6 | 7.7 | 7.6 |
| 90° | 11.1 | 10.9 | 10.8 | 10.6 | 10.4 | 10.1 | 9.6 | 9.1 | 8.6 | 8.2 | 7.5 |
| 92.5° | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 9.8 | 9.3 | 8.8 | 8.3 | 7.8 | 7.2 |
| 95° | 10.7 | 10.6 | 10.5 | 10.4 | 10.4 | 10.1 | 9.6 | 9.1 | 8.6 | 8.2 | 8.1 |
| 97.5° | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.9 | 9.9 | 9.8 | 9.8 | 18.9 |
| 100° | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 10.7 | 12.1 | 13.5 | 14.8 | 16.2 | 27.6 |
| 102.5° | 10.7 | 10.6 | 10.6 | 10.6 | 10.6 | 18.1 | 33.2 | 48.2 | 63.3 | 78.4 | 79.8 |
| 105° | 105.3 | 108.3 | 111.2 | 114.1 | 117.2 | 118.2 | 117.5 | 116.8 | 116.0 | 115.3 | 114.9 |
| 107.5° | 146.8 | 146.4 | 146.1 | 145.9 | 145.5 | 145.2 | 144.8 | 144.5 | 144.1 | 143.7 | 143.2 |
| 110° | 164.8 | 164.5 | 164.3 | 164.0 | 163.8 | 163.6 | 163.5 | 163.3 | 163.1 | 163.0 | 162.5 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 182.8 | 182.5 | 182.2 | 181.9 | 181.6 | 181.4 | 181.5 | 181.5 | 181.6 | 181.6 | 181.3 |
| 115° | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.0 | 208.9 | 208.7 | 208.6 | 208.4 | 208.5 |
| 117.5° | 235.9 | 235.9 | 235.9 | 235.9 | 236.0 | 236.0 | 236.1 | 236.1 | 236.1 | 236.2 | 236.0 |
| 120° | 252.7 | 252.9 | 253.1 | 253.2 | 253.4 | 253.4 | 253.2 | 253.1 | 252.9 | 252.7 | 252.8 |
| 122.5° | 269.3 | 269.5 | 269.6 | 269.8 | 269.9 | 269.9 | 269.9 | 269.8 | 269.7 | 269.6 | 269.5 |
| 125° | 294.1 | 294.0 | 293.9 | 293.8 | 293.8 | 293.6 | 293.3 | 293.1 | 292.9 | 292.6 | 292.8 |
| 127.5° | 315.9 | 316.0 | 316.0 | 316.1 | 316.2 | 316.3 | 316.3 | 316.3 | 316.4 | 316.4 | 316.1 |
| 130° | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.6 | 330.5 | 330.4 | 330.4 | 330.1 |
| 132.5° | 344.3 | 344.4 | 344.5 | 344.5 | 344.5 | 344.5 | 344.5 | 344.4 | 344.3 | 344.2 | 343.9 |
| 135° | 364.7 | 364.5 | 364.4 | 364.2 | 364.0 | 363.9 | 363.7 | 363.5 | 363.4 | 363.2 | 362.9 |
| 137.5° | 382.1 | 382.2 | 382.2 | 382.3 | 382.3 | 382.3 | 382.0 | 381.9 | 381.7 | 381.6 | 381.2 |
| 140° | 394.3 | 394.2 | 394.1 | 394.0 | 394.0 | 393.8 | 393.5 | 393.3 | 393.1 | 392.8 | 392.6 |
| 142.5° | 404.3 | 404.3 | 404.3 | 404.2 | 404.2 | 404.1 | 404.0 | 403.7 | 403.6 | 403.4 | 403.3 |
| 145° | 419.7 | 419.6 | 419.4 | 419.2 | 419.1 | 419.0 | 418.9 | 418.8 | 418.7 | 418.7 | 418.7 |
| 147.5° | 432.5 | 432.4 | 432.4 | 432.3 | 432.2 | 432.1 | 432.0 | 432.0 | 431.9 | 431.9 | 431.9 |
| 150° | 440.8 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 | 440.4 | 440.4 | 440.5 |
| 152.5° | 447.9 | 447.9 | 448.0 | 448.1 | 448.1 | 448.1 | 447.9 | 447.8 | 447.7 | 447.5 | 447.7 |
| 155° | 457.5 | 457.7 | 458.0 | 458.2 | 458.4 | 458.4 | 458.0 | 457.7 | 457.4 | 457.1 | 457.3 |
| 157.5° | 465.5 | 465.9 | 466.3 | 466.7 | 467.1 | 467.1 | 466.7 | 466.3 | 465.9 | 465.5 | 465.7 |
| 160° | 470.8 | 471.2 | 471.7 | 472.2 | 472.7 | 472.7 | 472.2 | 471.7 | 471.2 | 470.8 | 470.8 |
| 162.5° | 474.9 | 475.4 | 476.0 | 476.5 | 477.1 | 477.1 | 476.6 | 476.1 | 475.6 | 475.2 | 475.2 |
| 165° | 480.7 | 481.4 | 482.2 | 482.9 | 483.6 | 483.7 | 483.1 | 482.4 | 481.8 | 481.1 | 481.1 |
| 167.5° | 485.1 | 485.9 | 486.7 | 487.5 | 488.4 | 488.4 | 487.7 | 487.0 | 486.2 | 485.5 | 485.6 |
| 170° | 487.7 | 488.5 | 489.3 | 490.2 | 491.1 | 491.1 | 490.4 | 489.8 | 489.1 | 488.4 | 488.4 |
| 172.5° | 489.2 | 490.1 | 491.0 | 491.9 | 492.8 | 492.8 | 492.2 | 491.5 | 490.9 | 490.2 | 490.2 |
| 175° | 491.1 | 492.0 | 493.0 | 494.0 | 495.0 | 495.1 | 494.4 | 493.7 | 492.9 | 492.2 | 492.1 |
| 177.5° | 492.3 | 493.0 | 493.8 | 494.6 | 495.4 | 495.5 | 495.0 | 494.5 | 493.9 | 493.4 | 493.3 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 811.2 | 807.6 | 805.8 | 801.8 | 797.0 | 794.4 | 792.1 | 788.9 | 784.6 | 780.0 | 776.7 |
| 5° | 852.4 | 844.7 | 835.2 | 823.8 | 813.7 | 803.8 | 795.2 | 786.7 | 776.9 | 766.7 | 756.6 |
| 7.5° | 894.6 | 879.6 | 863.5 | 844.7 | 826.6 | 810.0 | 794.8 | 780.2 | 763.7 | 748.9 | 735.4 |
| 10° | 924.1 | 903.8 | 881.3 | 857.5 | 833.6 | 813.0 | 792.7 | 774.3 | 754.0 | 736.0 | 720.7 |
| 12.5° | 947.9 | 924.1 | 897.0 | 867.3 | 838.7 | 813.8 | 790.4 | 766.5 | 743.4 | 723.7 | 703.4 |
| 15° | 987.5 | 954.8 | 918.4 | 882.8 | 845.7 | 811.8 | 780.3 | 752.4 | 726.1 | 698.5 | 679.1 |
| 17.5° | 1014.7 | 975.9 | 931.6 | 888.9 | 845.1 | 805.0 | 768.8 | 735.6 | 705.2 | 677.0 | 654.0 |
| 20° | 1030.9 | 988.1 | 939.0 | 890.4 | 841.2 | 798.4 | 759.5 | 722.6 | 691.2 | 660.8 | 637.0 |
| 22.5° | 1040.1 | 992.7 | 939.0 | 888.1 | 837.2 | 790.8 | 748.0 | 709.7 | 675.5 | 645.1 | 618.7 |
| 25° | 1043.0 | 992.2 | 937.3 | 879.0 | 823.2 | 774.0 | 729.6 | 688.0 | 650.0 | 619.5 | 591.6 |
| 27.5° | 1038.9 | 979.2 | 923.0 | 863.1 | 805.5 | 753.7 | 707.0 | 663.3 | 625.3 | 592.6 | 563.9 |
| 30° | 1032.8 | 968.8 | 908.5 | 846.4 | 788.0 | 738.2 | 689.0 | 647.1 | 607.5 | 573.6 | 544.7 |
| 32.5° | 1019.7 | 956.1 | 891.3 | 827.5 | 768.4 | 717.1 | 670.5 | 628.4 | 589.5 | 554.7 | 524.1 |
| 35° | 993.5 | 929.1 | 858.7 | 793.4 | 735.3 | 682.0 | 638.2 | 597.6 | 560.5 | 523.4 | 491.1 |
| 37.5° | 959.0 | 893.3 | 823.2 | 751.7 | 693.6 | 643.3 | 603.1 | 565.0 | 528.7 | 494.9 | 459.0 |
| 40° | 926.6 | 866.7 | 794.3 | 723.3 | 663.7 | 615.1 | 578.0 | 543.4 | 507.0 | 473.3 | 437.4 |
| 42.5° | 887.3 | 836.2 | 763.1 | 691.8 | 632.9 | 586.1 | 551.5 | 517.8 | 484.6 | 452.0 | 414.6 |
| 45° | 821.6 | 782.9 | 714.4 | 645.9 | 586.5 | 540.2 | 508.5 | 478.7 | 449.5 | 418.4 | 383.2 |
| 47.5° | 746.3 | 720.2 | 661.0 | 590.8 | 536.0 | 494.3 | 463.7 | 439.3 | 414.6 | 383.5 | 352.6 |
| 50° | 694.1 | 677.3 | 620.2 | 556.1 | 503.8 | 465.4 | 434.0 | 411.1 | 390.5 | 360.7 | 333.0 |
| 52.5° | 638.2 | 629.3 | 581.1 | 519.8 | 469.2 | 431.6 | 404.8 | 384.3 | 363.4 | 338.6 | 312.7 |
| 55° | 553.3 | 558.0 | 517.1 | 464.1 | 416.5 | 384.8 | 360.4 | 343.2 | 325.5 | 304.5 | 284.5 |
| 57.5° | 466.3 | 483.7 | 456.2 | 409.7 | 365.1 | 335.8 | 317.4 | 303.0 | 288.1 | 270.7 | 253.6 |
| 60° | 414.3 | 428.8 | 413.4 | 372.4 | 333.4 | 306.1 | 289.0 | 277.9 | 262.9 | 247.1 | 234.1 |
| 62.5° | 363.5 | 379.1 | 369.9 | 336.9 | 300.7 | 277.2 | 262.1 | 251.8 | 240.7 | 226.8 | 213.3 |
| 65° | 299.8 | 309.9 | 305.5 | 282.7 | 257.0 | 236.9 | 223.0 | 215.4 | 205.2 | 195.1 | 183.0 |
| 67.5° | 229.6 | 249.2 | 246.6 | 234.5 | 212.3 | 196.7 | 187.5 | 180.8 | 171.5 | 164.0 | 155.8 |
| 70° | 188.7 | 206.8 | 206.5 | 196.7 | 184.6 | 170.0 | 163.7 | 158.0 | 149.7 | 142.4 | 135.7 |
| 72.5° | 154.5 | 171.0 | 173.5 | 166.0 | 157.8 | 146.7 | 140.6 | 136.6 | 128.7 | 123.7 | 118.2 |
| 75° | 108.2 | 120.3 | 123.4 | 123.4 | 119.6 | 113.9 | 108.5 | 106.0 | 100.2 | 95.8 | 92.6 |
| 77.5° | 70.9 | 78.5 | 83.5 | 84.6 | 85.2 | 83.3 | 78.8 | 77.0 | 72.7 | 71.1 | 68.1 |
| 80° | 50.1 | 55.2 | 60.9 | 62.8 | 64.4 | 63.8 | 61.9 | 60.6 | 56.5 | 54.9 | 53.6 |
| 82.5° | 34.7 | 37.4 | 42.2 | 46.3 | 45.9 | 47.5 | 45.9 | 44.8 | 41.7 | 41.2 | 39.9 |
| 85° | 18.1 | 18.4 | 19.0 | 21.9 | 23.5 | 24.1 | 24.5 | 23.8 | 22.8 | 22.8 | 20.6 |
| 87.5° | 7.4 | 7.1 | 7.4 | 7.3 | 7.3 | 8.2 | 8.8 | 8.9 | 8.2 | 7.7 | 7.1 |
| 90° | 6.8 | 6.2 | 5.5 | 4.7 | 3.8 | 2.9 | 2.0 | 1.1 | 2.0 | 2.9 | 3.8 |
| 92.5° | 6.5 | 5.9 | 5.2 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 | 4.7 | 4.7 | 4.8 |
| 95° | 8.0 | 7.9 | 7.8 | 9.1 | 12.0 | 14.8 | 17.5 | 20.3 | 17.5 | 14.8 | 12.0 |
| 97.5° | 28.0 | 37.3 | 46.4 | 50.1 | 48.3 | 46.6 | 44.9 | 43.1 | 44.9 | 46.6 | 48.3 |
| 100° | 38.9 | 50.2 | 61.6 | 66.5 | 65.1 | 63.6 | 62.0 | 60.6 | 62.0 | 63.6 | 65.1 |
| 102.5° | 81.3 | 82.8 | 84.2 | 84.5 | 83.3 | 82.3 | 81.2 | 80.1 | 81.2 | 82.3 | 83.3 |
| 105° | 114.5 | 114.1 | 113.7 | 113.2 | 112.7 | 112.2 | 111.7 | 111.2 | 111.7 | 112.2 | 112.7 |
| 107.5° | 142.6 | 142.0 | 141.5 | 141.1 | 140.9 | 140.6 | 140.4 | 140.1 | 140.4 | 140.6 | 140.9 |
| 110° | 162.0 | 161.4 | 160.9 | 160.6 | 160.4 | 160.1 | 159.9 | 159.6 | 159.9 | 160.1 | 160.4 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.1 | 180.9 | 180.7 | 180.3 | 179.9 | 179.4 | 179.0 | 178.6 | 179.0 | 179.4 | 179.9 |
| 115° | 208.6 | 208.6 | 208.7 | 208.6 | 208.4 | 208.1 | 207.9 | 207.7 | 207.9 | 208.1 | 208.4 |
| 117.5° | 235.8 | 235.6 | 235.5 | 235.2 | 234.9 | 234.6 | 234.2 | 233.9 | 234.2 | 234.6 | 234.9 |
| 120° | 252.9 | 253.0 | 253.1 | 252.9 | 252.6 | 252.3 | 251.9 | 251.6 | 251.9 | 252.3 | 252.6 |
| 122.5° | 269.4 | 269.2 | 269.1 | 269.0 | 268.8 | 268.6 | 268.4 | 268.2 | 268.4 | 268.6 | 268.8 |
| 125° | 292.9 | 293.1 | 293.3 | 293.2 | 292.9 | 292.5 | 292.2 | 291.9 | 292.2 | 292.5 | 292.9 |
| 127.5° | 315.7 | 315.3 | 315.0 | 314.7 | 314.6 | 314.5 | 314.5 | 314.4 | 314.5 | 314.5 | 314.6 |
| 130° | 329.9 | 329.6 | 329.4 | 329.2 | 329.1 | 329.1 | 328.9 | 328.8 | 328.9 | 329.1 | 329.1 |
| 132.5° | 343.6 | 343.3 | 343.0 | 342.8 | 342.6 | 342.4 | 342.3 | 342.2 | 342.3 | 342.4 | 342.6 |
| 135° | 362.6 | 362.2 | 361.9 | 361.7 | 361.8 | 361.9 | 362.0 | 362.1 | 362.0 | 361.9 | 361.8 |
| 137.5° | 380.8 | 380.4 | 380.1 | 379.9 | 379.8 | 379.8 | 379.8 | 379.8 | 379.8 | 379.8 | 379.8 |
| 140° | 392.5 | 392.2 | 392.1 | 391.9 | 391.8 | 391.6 | 391.4 | 391.3 | 391.4 | 391.6 | 391.8 |
| 142.5° | 403.2 | 403.1 | 403.0 | 402.8 | 402.5 | 402.3 | 401.9 | 401.6 | 401.9 | 402.3 | 402.5 |
| 145° | 418.7 | 418.7 | 418.7 | 418.5 | 418.2 | 418.0 | 417.8 | 417.5 | 417.8 | 418.0 | 418.2 |
| 147.5° | 432.0 | 432.1 | 432.2 | 432.0 | 431.5 | 431.0 | 430.6 | 430.2 | 430.6 | 431.0 | 431.5 |
| 150° | 440.6 | 440.7 | 440.8 | 440.7 | 440.3 | 440.0 | 439.7 | 439.4 | 439.7 | 440.0 | 440.3 |
| 152.5° | 447.8 | 448.0 | 448.1 | 448.1 | 447.8 | 447.5 | 447.3 | 447.0 | 447.3 | 447.5 | 447.8 |
| 155° | 457.5 | 457.8 | 458.0 | 458.1 | 458.0 | 458.0 | 457.9 | 457.8 | 457.9 | 458.0 | 458.0 |
| 157.5° | 465.9 | 466.3 | 466.5 | 466.7 | 466.8 | 466.8 | 466.8 | 466.9 | 466.8 | 466.8 | 466.8 |
| 160° | 470.9 | 471.0 | 471.1 | 471.2 | 471.5 | 471.7 | 472.0 | 472.2 | 472.0 | 471.7 | 471.5 |
| 162.5° | 475.3 | 475.4 | 475.5 | 475.7 | 476.0 | 476.3 | 476.6 | 477.0 | 476.6 | 476.3 | 476.0 |
| 165° | 481.1 | 481.1 | 481.1 | 481.3 | 481.7 | 482.1 | 482.5 | 482.9 | 482.5 | 482.1 | 481.7 |
| 167.5° | 485.6 | 485.7 | 485.7 | 485.9 | 486.4 | 486.8 | 487.2 | 487.6 | 487.2 | 486.8 | 486.4 |
| 170° | 488.3 | 488.2 | 488.1 | 488.4 | 488.9 | 489.3 | 489.8 | 490.3 | 489.8 | 489.3 | 488.9 |
| 172.5° | 490.1 | 490.0 | 489.9 | 490.2 | 490.6 | 491.1 | 491.6 | 492.1 | 491.6 | 491.1 | 490.6 |
| 175° | 492.0 | 492.0 | 491.9 | 492.0 | 492.5 | 493.0 | 493.5 | 494.0 | 493.5 | 493.0 | 492.5 |
| 177.5° | 493.2 | 493.0 | 492.9 | 493.1 | 493.5 | 494.0 | 494.5 | 494.9 | 494.5 | 494.0 | 493.5 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 773.1 | 770.6 | 767.3 | 763.4 | 758.9 | 754.9 | 753.1 | 754.6 | 755.4 | 753.3 | 753.1 |
| 5° | 749.6 | 741.7 | 735.3 | 725.8 | 718.2 | 711.8 | 707.4 | 705.5 | 706.1 | 701.1 | 699.8 |
| 7.5° | 723.1 | 713.7 | 703.4 | 692.0 | 681.5 | 672.2 | 667.3 | 664.6 | 659.3 | 657.0 | 653.1 |
| 10° | 706.1 | 693.4 | 683.3 | 669.9 | 657.9 | 646.8 | 641.4 | 637.0 | 631.6 | 629.0 | 623.6 |
| 12.5° | 688.6 | 673.9 | 662.8 | 648.9 | 636.6 | 623.2 | 618.1 | 609.8 | 601.4 | 596.1 | 589.1 |
| 15° | 663.9 | 646.2 | 632.5 | 616.0 | 601.4 | 586.2 | 572.6 | 557.3 | 551.6 | 539.6 | 532.6 |
| 17.5° | 635.0 | 617.0 | 600.1 | 578.0 | 555.5 | 536.6 | 522.0 | 507.5 | 498.7 | 491.1 | 487.5 |
| 20° | 616.0 | 599.6 | 576.1 | 550.4 | 525.3 | 504.3 | 492.6 | 483.1 | 473.6 | 468.2 | 464.4 |
| 22.5° | 598.0 | 577.0 | 549.7 | 522.0 | 496.9 | 480.5 | 470.6 | 460.8 | 453.1 | 447.9 | 442.9 |
| 25° | 567.9 | 540.2 | 511.4 | 479.6 | 462.5 | 448.3 | 437.4 | 429.5 | 424.8 | 418.1 | 415.6 |
| 27.5° | 536.8 | 503.4 | 471.5 | 450.2 | 432.4 | 419.3 | 409.9 | 404.0 | 397.9 | 393.6 | 390.4 |
| 30° | 512.9 | 479.0 | 450.5 | 430.2 | 412.1 | 401.3 | 393.6 | 386.7 | 382.0 | 378.5 | 375.9 |
| 32.5° | 489.3 | 455.4 | 431.4 | 409.6 | 395.3 | 384.8 | 376.7 | 371.5 | 367.7 | 363.2 | 361.7 |
| 35° | 455.2 | 425.1 | 404.1 | 384.5 | 369.9 | 360.4 | 354.0 | 348.6 | 345.4 | 344.2 | 343.2 |
| 37.5° | 422.4 | 397.7 | 375.2 | 359.1 | 346.1 | 338.6 | 331.1 | 328.5 | 326.3 | 324.0 | 325.1 |
| 40° | 401.6 | 378.5 | 358.5 | 341.4 | 330.8 | 322.6 | 318.1 | 315.0 | 313.1 | 313.1 | 313.1 |
| 42.5° | 383.6 | 360.9 | 341.4 | 326.1 | 315.6 | 308.7 | 303.7 | 301.0 | 300.4 | 300.1 | 301.7 |
| 45° | 355.6 | 334.7 | 315.0 | 302.3 | 293.4 | 286.4 | 283.6 | 281.4 | 281.4 | 282.7 | 283.0 |
| 47.5° | 327.9 | 308.3 | 292.4 | 278.3 | 270.1 | 265.8 | 263.3 | 262.1 | 262.3 | 263.5 | 265.0 |
| 50° | 310.9 | 291.6 | 276.0 | 263.3 | 255.7 | 251.5 | 249.3 | 248.7 | 249.3 | 249.3 | 251.5 |
| 52.5° | 292.4 | 275.0 | 259.8 | 249.1 | 240.4 | 236.6 | 235.4 | 234.5 | 234.9 | 235.9 | 236.8 |
| 55° | 265.2 | 249.6 | 235.1 | 224.9 | 218.6 | 216.1 | 213.2 | 213.5 | 212.9 | 213.5 | 213.5 |
| 57.5° | 238.0 | 224.0 | 210.4 | 202.4 | 196.8 | 193.1 | 190.0 | 190.9 | 190.0 | 189.8 | 189.3 |
| 60° | 220.5 | 205.2 | 194.4 | 187.2 | 180.8 | 177.7 | 174.8 | 175.5 | 174.5 | 173.8 | 172.6 |
| 62.5° | 201.5 | 188.7 | 178.5 | 171.5 | 166.3 | 162.7 | 159.8 | 159.1 | 156.9 | 154.8 | 152.0 |
| 65° | 173.8 | 163.4 | 154.2 | 147.5 | 142.8 | 139.9 | 137.7 | 135.7 | 131.0 | 126.0 | 123.4 |
| 67.5° | 147.0 | 139.4 | 130.9 | 125.2 | 121.4 | 117.6 | 113.4 | 110.1 | 105.7 | 102.9 | 101.3 |
| 70° | 129.7 | 122.5 | 115.1 | 109.7 | 105.7 | 102.2 | 97.3 | 95.1 | 92.0 | 90.7 | 89.1 |
| 72.5° | 113.2 | 106.5 | 99.6 | 94.8 | 90.4 | 87.6 | 84.0 | 81.7 | 80.3 | 79.8 | 78.2 |
| 75° | 88.2 | 82.8 | 77.7 | 73.3 | 69.8 | 67.9 | 66.3 | 64.7 | 64.1 | 61.2 | 59.6 |
| 77.5° | 64.3 | 60.7 | 57.6 | 54.5 | 51.9 | 50.7 | 47.6 | 45.8 | 44.8 | 43.4 | 43.0 |
| 80° | 50.1 | 47.6 | 44.4 | 42.5 | 39.1 | 37.7 | 36.4 | 36.2 | 35.9 | 35.5 | 35.2 |
| 82.5° | 37.7 | 35.1 | 32.0 | 30.8 | 29.9 | 29.1 | 28.4 | 28.0 | 27.7 | 27.9 | 27.9 |
| 85° | 19.0 | 17.8 | 17.8 | 17.4 | 17.1 | 16.8 | 16.5 | 16.5 | 16.1 | 16.5 | 16.1 |
| 87.5° | 7.3 | 7.2 | 7.3 | 6.9 | 7.3 | 7.5 | 7.3 | 7.4 | 7.7 | 7.3 | 7.4 |
| 90° | 4.7 | 5.5 | 6.2 | 6.8 | 7.5 | 8.2 | 8.6 | 9.1 | 9.6 | 10.1 | 10.4 |
| 92.5° | 4.9 | 5.2 | 5.9 | 6.5 | 7.2 | 7.8 | 8.3 | 8.8 | 9.3 | 9.8 | 10.0 |
| 95° | 9.1 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.6 | 9.1 | 9.6 | 10.1 | 10.4 |
| 97.5° | 50.1 | 46.4 | 37.3 | 28.0 | 18.9 | 9.8 | 9.8 | 9.9 | 9.9 | 9.9 | 10.0 |
| 100° | 66.5 | 61.6 | 50.2 | 38.9 | 27.6 | 16.2 | 14.8 | 13.5 | 12.1 | 10.7 | 10.0 |
| 102.5° | 84.5 | 84.2 | 82.8 | 81.3 | 79.8 | 78.4 | 63.3 | 48.2 | 33.2 | 18.1 | 10.6 |
| 105° | 113.2 | 113.7 | 114.1 | 114.5 | 114.9 | 115.3 | 116.0 | 116.8 | 117.5 | 118.2 | 117.2 |
| 107.5° | 141.1 | 141.5 | 142.0 | 142.6 | 143.2 | 143.7 | 144.1 | 144.5 | 144.8 | 145.2 | 145.5 |
| 110° | 160.6 | 160.9 | 161.4 | 162.0 | 162.5 | 163.0 | 163.1 | 163.3 | 163.5 | 163.6 | 163.8 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 180.3 | 180.7 | 180.9 | 181.1 | 181.3 | 181.6 | 181.6 | 181.5 | 181.5 | 181.4 | 181.6 |
| 115° | 208.6 | 208.7 | 208.6 | 208.6 | 208.5 | 208.4 | 208.6 | 208.7 | 208.9 | 209.0 | 209.1 |
| 117.5° | 235.2 | 235.5 | 235.6 | 235.8 | 236.0 | 236.2 | 236.1 | 236.1 | 236.1 | 236.0 | 236.0 |
| 120° | 252.9 | 253.1 | 253.0 | 252.9 | 252.8 | 252.7 | 252.9 | 253.1 | 253.2 | 253.4 | 253.4 |
| 122.5° | 269.0 | 269.1 | 269.2 | 269.4 | 269.5 | 269.6 | 269.7 | 269.8 | 269.9 | 269.9 | 269.9 |
| 125° | 293.2 | 293.3 | 293.1 | 292.9 | 292.8 | 292.6 | 292.9 | 293.1 | 293.3 | 293.6 | 293.8 |
| 127.5° | 314.7 | 315.0 | 315.3 | 315.7 | 316.1 | 316.4 | 316.4 | 316.3 | 316.3 | 316.3 | 316.2 |
| 130° | 329.2 | 329.4 | 329.6 | 329.9 | 330.1 | 330.4 | 330.4 | 330.5 | 330.6 | 330.7 | 330.7 |
| 132.5° | 342.8 | 343.0 | 343.3 | 343.6 | 343.9 | 344.2 | 344.3 | 344.4 | 344.5 | 344.5 | 344.5 |
| 135° | 361.7 | 361.9 | 362.2 | 362.6 | 362.9 | 363.2 | 363.4 | 363.5 | 363.7 | 363.9 | 364.0 |
| 137.5° | 379.9 | 380.1 | 380.4 | 380.8 | 381.2 | 381.6 | 381.7 | 381.9 | 382.0 | 382.3 | 382.3 |
| 140° | 391.9 | 392.1 | 392.2 | 392.5 | 392.6 | 392.8 | 393.1 | 393.3 | 393.5 | 393.8 | 394.0 |
| 142.5° | 402.8 | 403.0 | 403.1 | 403.2 | 403.3 | 403.4 | 403.6 | 403.7 | 404.0 | 404.1 | 404.2 |
| 145° | 418.5 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.8 | 418.9 | 419.0 | 419.1 |
| 147.5° | 432.0 | 432.2 | 432.1 | 432.0 | 431.9 | 431.9 | 431.9 | 432.0 | 432.0 | 432.1 | 432.2 |
| 150° | 440.7 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 | 440.4 | 440.4 | 440.5 |
| 152.5° | 448.1 | 448.1 | 448.0 | 447.8 | 447.7 | 447.5 | 447.7 | 447.8 | 447.9 | 448.1 | 448.1 |
| 155° | 458.1 | 458.0 | 457.8 | 457.5 | 457.3 | 457.1 | 457.4 | 457.7 | 458.0 | 458.4 | 458.4 |
| 157.5° | 466.7 | 466.5 | 466.3 | 465.9 | 465.7 | 465.5 | 465.9 | 466.3 | 466.7 | 467.1 | 467.1 |
| 160° | 471.2 | 471.1 | 471.0 | 470.9 | 470.8 | 470.8 | 471.2 | 471.7 | 472.2 | 472.7 | 472.7 |
| 162.5° | 475.7 | 475.5 | 475.4 | 475.3 | 475.2 | 475.2 | 475.6 | 476.1 | 476.6 | 477.1 | 477.1 |
| 165° | 481.3 | 481.1 | 481.1 | 481.1 | 481.1 | 481.1 | 481.8 | 482.4 | 483.1 | 483.7 | 483.6 |
| 167.5° | 485.9 | 485.7 | 485.7 | 485.6 | 485.6 | 485.5 | 486.2 | 487.0 | 487.7 | 488.4 | 488.4 |
| 170° | 488.4 | 488.1 | 488.2 | 488.3 | 488.4 | 488.4 | 489.1 | 489.8 | 490.4 | 491.1 | 491.1 |
| 172.5° | 490.2 | 489.9 | 490.0 | 490.1 | 490.2 | 490.2 | 490.9 | 491.5 | 492.2 | 492.8 | 492.8 |
| 175° | 492.0 | 491.9 | 492.0 | 492.0 | 492.1 | 492.2 | 492.9 | 493.7 | 494.4 | 495.1 | 495.0 |
| 177.5° | 493.1 | 492.9 | 493.0 | 493.2 | 493.3 | 493.4 | 493.9 | 494.5 | 495.0 | 495.5 | 495.4 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 751.5 | 752.0 | 750.3 | 749.7 | 750.3 | 752.0 | 751.5 | 753.1 | 753.3 | 755.4 | 754.6 |
| 5° | 697.2 | 696.6 | 695.0 | 695.4 | 695.0 | 696.6 | 697.2 | 699.8 | 701.1 | 706.1 | 705.5 |
| 7.5° | 650.8 | 648.3 | 649.1 | 646.5 | 649.1 | 648.3 | 650.8 | 653.1 | 657.0 | 659.3 | 664.6 |
| 10° | 622.4 | 618.9 | 616.0 | 613.5 | 616.0 | 618.9 | 622.4 | 623.6 | 629.0 | 631.6 | 637.0 |
| 12.5° | 583.6 | 580.6 | 576.7 | 577.5 | 576.7 | 580.6 | 583.6 | 589.1 | 596.1 | 601.4 | 609.8 |
| 15° | 528.5 | 523.7 | 516.1 | 517.1 | 516.1 | 523.7 | 528.5 | 532.6 | 539.6 | 551.6 | 557.3 |
| 17.5° | 481.8 | 481.9 | 478.4 | 479.2 | 478.4 | 481.9 | 481.8 | 487.5 | 491.1 | 498.7 | 507.5 |
| 20° | 457.7 | 455.5 | 455.8 | 454.9 | 455.8 | 455.5 | 457.7 | 464.4 | 468.2 | 473.6 | 483.1 |
| 22.5° | 441.0 | 438.3 | 436.0 | 434.1 | 436.0 | 438.3 | 441.0 | 442.9 | 447.9 | 453.1 | 460.8 |
| 25° | 412.7 | 410.8 | 408.0 | 407.3 | 408.0 | 410.8 | 412.7 | 415.6 | 418.1 | 424.8 | 429.5 |
| 27.5° | 387.8 | 387.4 | 386.3 | 384.8 | 386.3 | 387.4 | 387.8 | 390.4 | 393.6 | 397.9 | 404.0 |
| 30° | 373.3 | 372.8 | 372.1 | 371.1 | 372.1 | 372.8 | 373.3 | 375.9 | 378.5 | 382.0 | 386.7 |
| 32.5° | 360.4 | 360.0 | 359.4 | 359.5 | 359.4 | 360.0 | 360.4 | 361.7 | 363.2 | 367.7 | 371.5 |
| 35° | 341.9 | 341.6 | 341.0 | 340.7 | 341.0 | 341.6 | 341.9 | 343.2 | 344.2 | 345.4 | 348.6 |
| 37.5° | 324.7 | 325.5 | 325.1 | 325.1 | 325.1 | 325.5 | 324.7 | 325.1 | 324.0 | 326.3 | 328.5 |
| 40° | 312.7 | 313.1 | 313.7 | 313.4 | 313.7 | 313.1 | 312.7 | 313.1 | 313.1 | 313.1 | 315.0 |
| 42.5° | 302.9 | 303.0 | 303.9 | 302.7 | 303.9 | 303.0 | 302.9 | 301.7 | 300.1 | 300.4 | 301.0 |
| 45° | 285.2 | 287.1 | 286.7 | 286.7 | 286.7 | 287.1 | 285.2 | 283.0 | 282.7 | 281.4 | 281.4 |
| 47.5° | 265.8 | 267.5 | 267.9 | 267.8 | 267.9 | 267.5 | 265.8 | 265.0 | 263.5 | 262.3 | 262.1 |
| 50° | 253.2 | 252.5 | 253.5 | 253.2 | 253.5 | 252.5 | 253.2 | 251.5 | 249.3 | 249.3 | 248.7 |
| 52.5° | 237.7 | 237.8 | 237.7 | 237.4 | 237.7 | 237.8 | 237.7 | 236.8 | 235.9 | 234.9 | 234.5 |
| 55° | 213.8 | 214.1 | 213.5 | 213.8 | 213.5 | 214.1 | 213.8 | 213.5 | 213.5 | 212.9 | 213.5 |
| 57.5° | 187.9 | 186.4 | 187.0 | 186.3 | 187.0 | 186.4 | 187.9 | 189.3 | 189.8 | 190.0 | 190.9 |
| 60° | 169.4 | 166.9 | 166.2 | 164.9 | 166.2 | 166.9 | 169.4 | 172.6 | 173.8 | 174.5 | 175.5 |
| 62.5° | 148.5 | 146.8 | 144.6 | 145.7 | 144.6 | 146.8 | 148.5 | 152.0 | 154.8 | 156.9 | 159.1 |
| 65° | 120.8 | 119.6 | 118.6 | 119.9 | 118.6 | 119.6 | 120.8 | 123.4 | 126.0 | 131.0 | 135.7 |
| 67.5° | 100.0 | 99.4 | 99.4 | 98.7 | 99.4 | 99.4 | 100.0 | 101.3 | 102.9 | 105.7 | 110.1 |
| 70° | 89.1 | 88.2 | 88.2 | 87.6 | 88.2 | 88.2 | 89.1 | 89.1 | 90.7 | 92.0 | 95.1 |
| 72.5° | 77.9 | 77.0 | 77.3 | 76.9 | 77.3 | 77.0 | 77.9 | 78.2 | 79.8 | 80.3 | 81.7 |
| 75° | 57.7 | 56.2 | 56.2 | 56.5 | 56.2 | 56.2 | 57.7 | 59.6 | 61.2 | 64.1 | 64.7 |
| 77.5° | 43.0 | 42.7 | 43.2 | 42.6 | 43.2 | 42.7 | 43.0 | 43.0 | 43.4 | 44.8 | 45.8 |
| 80° | 35.2 | 34.9 | 34.6 | 35.5 | 34.6 | 34.9 | 35.2 | 35.2 | 35.5 | 35.9 | 36.2 |
| 82.5° | 27.3 | 27.3 | 27.2 | 28.5 | 27.2 | 27.3 | 27.3 | 27.9 | 27.9 | 27.7 | 28.0 |
| 85° | 16.5 | 15.9 | 16.5 | 15.9 | 16.5 | 15.9 | 16.5 | 16.1 | 16.5 | 16.1 | 16.5 |
| 87.5° | 8.0 | 7.7 | 7.5 | 7.8 | 7.5 | 7.7 | 8.0 | 7.4 | 7.3 | 7.7 | 7.4 |
| 90° | 10.6 | 10.8 | 10.9 | 11.1 | 10.9 | 10.8 | 10.6 | 10.4 | 10.1 | 9.6 | 9.1 |
| 92.5° | 10.1 | 10.1 | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 9.8 | 9.3 | 8.8 |
| 95° | 10.4 | 10.5 | 10.6 | 10.7 | 10.6 | 10.5 | 10.4 | 10.4 | 10.1 | 9.6 | 9.1 |
| 97.5° | 10.1 | 10.2 | 10.3 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.9 | 9.9 |
| 100° | 10.1 | 10.2 | 10.3 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 10.7 | 12.1 | 13.5 |
| 102.5° | 10.6 | 10.6 | 10.6 | 10.7 | 10.6 | 10.6 | 10.6 | 10.6 | 18.1 | 33.2 | 48.2 |
| 105° | 114.1 | 111.2 | 108.3 | 105.3 | 108.3 | 111.2 | 114.1 | 117.2 | 118.2 | 117.5 | 116.8 |
| 107.5° | 145.9 | 146.1 | 146.4 | 146.8 | 146.4 | 146.1 | 145.9 | 145.5 | 145.2 | 144.8 | 144.5 |
| 110° | 164.0 | 164.3 | 164.5 | 164.8 | 164.5 | 164.3 | 164.0 | 163.8 | 163.6 | 163.5 | 163.3 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.9 | 182.2 | 182.5 | 182.8 | 182.5 | 182.2 | 181.9 | 181.6 | 181.4 | 181.5 | 181.5 |
| 115° | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.0 | 208.9 | 208.7 |
| 117.5° | 235.9 | 235.9 | 235.9 | 235.9 | 235.9 | 235.9 | 235.9 | 236.0 | 236.0 | 236.1 | 236.1 |
| 120° | 253.2 | 253.1 | 252.9 | 252.7 | 252.9 | 253.1 | 253.2 | 253.4 | 253.4 | 253.2 | 253.1 |
| 122.5° | 269.8 | 269.6 | 269.5 | 269.3 | 269.5 | 269.6 | 269.8 | 269.9 | 269.9 | 269.9 | 269.8 |
| 125° | 293.8 | 293.9 | 294.0 | 294.1 | 294.0 | 293.9 | 293.8 | 293.8 | 293.6 | 293.3 | 293.1 |
| 127.5° | 316.1 | 316.0 | 316.0 | 315.9 | 316.0 | 316.0 | 316.1 | 316.2 | 316.3 | 316.3 | 316.3 |
| 130° | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.6 | 330.5 |
| 132.5° | 344.5 | 344.5 | 344.4 | 344.3 | 344.4 | 344.5 | 344.5 | 344.5 | 344.5 | 344.5 | 344.4 |
| 135° | 364.2 | 364.4 | 364.5 | 364.7 | 364.5 | 364.4 | 364.2 | 364.0 | 363.9 | 363.7 | 363.5 |
| 137.5° | 382.3 | 382.2 | 382.2 | 382.1 | 382.2 | 382.2 | 382.3 | 382.3 | 382.3 | 382.0 | 381.9 |
| 140° | 394.0 | 394.1 | 394.2 | 394.3 | 394.2 | 394.1 | 394.0 | 394.0 | 393.8 | 393.5 | 393.3 |
| 142.5° | 404.2 | 404.3 | 404.3 | 404.3 | 404.3 | 404.3 | 404.2 | 404.2 | 404.1 | 404.0 | 403.7 |
| 145° | 419.2 | 419.4 | 419.6 | 419.7 | 419.6 | 419.4 | 419.2 | 419.1 | 419.0 | 418.9 | 418.8 |
| 147.5° | 432.3 | 432.4 | 432.4 | 432.5 | 432.4 | 432.4 | 432.3 | 432.2 | 432.1 | 432.0 | 432.0 |
| 150° | 440.6 | 440.7 | 440.8 | 440.8 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 |
| 152.5° | 448.1 | 448.0 | 447.9 | 447.9 | 447.9 | 448.0 | 448.1 | 448.1 | 448.1 | 447.9 | 447.8 |
| 155° | 458.2 | 458.0 | 457.7 | 457.5 | 457.7 | 458.0 | 458.2 | 458.4 | 458.4 | 458.0 | 457.7 |
| 157.5° | 466.7 | 466.3 | 465.9 | 465.5 | 465.9 | 466.3 | 466.7 | 467.1 | 467.1 | 466.7 | 466.3 |
| 160° | 472.2 | 471.7 | 471.2 | 470.8 | 471.2 | 471.7 | 472.2 | 472.7 | 472.7 | 472.2 | 471.7 |
| 162.5° | 476.5 | 476.0 | 475.4 | 474.9 | 475.4 | 476.0 | 476.5 | 477.1 | 477.1 | 476.6 | 476.1 |
| 165° | 482.9 | 482.2 | 481.4 | 480.7 | 481.4 | 482.2 | 482.9 | 483.6 | 483.7 | 483.1 | 482.4 |
| 167.5° | 487.5 | 486.7 | 485.9 | 485.1 | 485.9 | 486.7 | 487.5 | 488.4 | 488.4 | 487.7 | 487.0 |
| 170° | 490.2 | 489.3 | 488.5 | 487.7 | 488.5 | 489.3 | 490.2 | 491.1 | 491.1 | 490.4 | 489.8 |
| 172.5° | 491.9 | 491.0 | 490.1 | 489.2 | 490.1 | 491.0 | 491.9 | 492.8 | 492.8 | 492.2 | 491.5 |
| 175° | 494.0 | 493.0 | 492.0 | 491.1 | 492.0 | 493.0 | 494.0 | 495.0 | 495.1 | 494.4 | 493.7 |
| 177.5° | 494.6 | 493.8 | 493.0 | 492.3 | 493.0 | 493.8 | 494.6 | 495.4 | 495.5 | 495.0 | 494.5 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 753.1 | 754.9 | 758.9 | 763.4 | 767.3 | 770.6 | 773.1 | 776.7 | 780.0 | 784.6 | 788.9 |
| 5° | 707.4 | 711.8 | 718.2 | 725.8 | 735.3 | 741.7 | 749.6 | 756.6 | 766.7 | 776.9 | 786.7 |
| 7.5° | 667.3 | 672.2 | 681.5 | 692.0 | 703.4 | 713.7 | 723.1 | 735.4 | 748.9 | 763.7 | 780.2 |
| 10° | 641.4 | 646.8 | 657.9 | 669.9 | 683.3 | 693.4 | 706.1 | 720.7 | 736.0 | 754.0 | 774.3 |
| 12.5° | 618.1 | 623.2 | 636.6 | 648.9 | 662.8 | 673.9 | 688.6 | 703.4 | 723.7 | 743.4 | 766.5 |
| 15° | 572.6 | 586.2 | 601.4 | 616.0 | 632.5 | 646.2 | 663.9 | 679.1 | 698.5 | 726.1 | 752.4 |
| 17.5° | 522.0 | 536.6 | 555.5 | 578.0 | 600.1 | 617.0 | 635.0 | 654.0 | 677.0 | 705.2 | 735.6 |
| 20° | 492.6 | 504.3 | 525.3 | 550.4 | 576.1 | 599.6 | 616.0 | 637.0 | 660.8 | 691.2 | 722.6 |
| 22.5° | 470.6 | 480.5 | 496.9 | 522.0 | 549.7 | 577.0 | 598.0 | 618.7 | 645.1 | 675.5 | 709.7 |
| 25° | 437.4 | 448.3 | 462.5 | 479.6 | 511.4 | 540.2 | 567.9 | 591.6 | 619.5 | 650.0 | 688.0 |
| 27.5° | 409.9 | 419.3 | 432.4 | 450.2 | 471.5 | 503.4 | 536.8 | 563.9 | 592.6 | 625.3 | 663.3 |
| 30° | 393.6 | 401.3 | 412.1 | 430.2 | 450.5 | 479.0 | 512.9 | 544.7 | 573.6 | 607.5 | 647.1 |
| 32.5° | 376.7 | 384.8 | 395.3 | 409.6 | 431.4 | 455.4 | 489.3 | 524.1 | 554.7 | 589.5 | 628.4 |
| 35° | 354.0 | 360.4 | 369.9 | 384.5 | 404.1 | 425.1 | 455.2 | 491.1 | 523.4 | 560.5 | 597.6 |
| 37.5° | 331.1 | 338.6 | 346.1 | 359.1 | 375.2 | 397.7 | 422.4 | 459.0 | 494.9 | 528.7 | 565.0 |
| 40° | 318.1 | 322.6 | 330.8 | 341.4 | 358.5 | 378.5 | 401.6 | 437.4 | 473.3 | 507.0 | 543.4 |
| 42.5° | 303.7 | 308.7 | 315.6 | 326.1 | 341.4 | 360.9 | 383.6 | 414.6 | 452.0 | 484.6 | 517.8 |
| 45° | 283.6 | 286.4 | 293.4 | 302.3 | 315.0 | 334.7 | 355.6 | 383.2 | 418.4 | 449.5 | 478.7 |
| 47.5° | 263.3 | 265.8 | 270.1 | 278.3 | 292.4 | 308.3 | 327.9 | 352.6 | 383.5 | 414.6 | 439.3 |
| 50° | 249.3 | 251.5 | 255.7 | 263.3 | 276.0 | 291.6 | 310.9 | 333.0 | 360.7 | 390.5 | 411.1 |
| 52.5° | 235.4 | 236.6 | 240.4 | 249.1 | 259.8 | 275.0 | 292.4 | 312.7 | 338.6 | 363.4 | 384.3 |
| 55° | 213.2 | 216.1 | 218.6 | 224.9 | 235.1 | 249.6 | 265.2 | 284.5 | 304.5 | 325.5 | 343.2 |
| 57.5° | 190.0 | 193.1 | 196.8 | 202.4 | 210.4 | 224.0 | 238.0 | 253.6 | 270.7 | 288.1 | 303.0 |
| 60° | 174.8 | 177.7 | 180.8 | 187.2 | 194.4 | 205.2 | 220.5 | 234.1 | 247.1 | 262.9 | 277.9 |
| 62.5° | 159.8 | 162.7 | 166.3 | 171.5 | 178.5 | 188.7 | 201.5 | 213.3 | 226.8 | 240.7 | 251.8 |
| 65° | 137.7 | 139.9 | 142.8 | 147.5 | 154.2 | 163.4 | 173.8 | 183.0 | 195.1 | 205.2 | 215.4 |
| 67.5° | 113.4 | 117.6 | 121.4 | 125.2 | 130.9 | 139.4 | 147.0 | 155.8 | 164.0 | 171.5 | 180.8 |
| 70° | 97.3 | 102.2 | 105.7 | 109.7 | 115.1 | 122.5 | 129.7 | 135.7 | 142.4 | 149.7 | 158.0 |
| 72.5° | 84.0 | 87.6 | 90.4 | 94.8 | 99.6 | 106.5 | 113.2 | 118.2 | 123.7 | 128.7 | 136.6 |
| 75° | 66.3 | 67.9 | 69.8 | 73.3 | 77.7 | 82.8 | 88.2 | 92.6 | 95.8 | 100.2 | 106.0 |
| 77.5° | 47.6 | 50.7 | 51.9 | 54.5 | 57.6 | 60.7 | 64.3 | 68.1 | 71.1 | 72.7 | 77.0 |
| 80° | 36.4 | 37.7 | 39.1 | 42.5 | 44.4 | 47.6 | 50.1 | 53.6 | 54.9 | 56.5 | 60.6 |
| 82.5° | 28.4 | 29.1 | 29.9 | 30.8 | 32.0 | 35.1 | 37.7 | 39.9 | 41.2 | 41.7 | 44.8 |
| 85° | 16.5 | 16.8 | 17.1 | 17.4 | 17.8 | 17.8 | 19.0 | 20.6 | 22.8 | 22.8 | 23.8 |
| 87.5° | 7.3 | 7.5 | 7.3 | 6.9 | 7.3 | 7.2 | 7.3 | 7.1 | 7.7 | 8.2 | 8.9 |
| 90° | 8.6 | 8.2 | 7.5 | 6.8 | 6.2 | 5.5 | 4.7 | 3.8 | 2.9 | 2.0 | 1.1 |
| 92.5° | 8.3 | 7.8 | 7.2 | 6.5 | 5.9 | 5.2 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 |
| 95° | 8.6 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 9.1 | 12.0 | 14.8 | 17.5 | 20.3 |
| 97.5° | 9.8 | 9.8 | 18.9 | 28.0 | 37.3 | 46.4 | 50.1 | 48.3 | 46.6 | 44.9 | 43.1 |
| 100° | 14.8 | 16.2 | 27.6 | 38.9 | 50.2 | 61.6 | 66.5 | 65.1 | 63.6 | 62.0 | 60.6 |
| 102.5° | 63.3 | 78.4 | 79.8 | 81.3 | 82.8 | 84.2 | 84.5 | 83.3 | 82.3 | 81.2 | 80.1 |
| 105° | 116.0 | 115.3 | 114.9 | 114.5 | 114.1 | 113.7 | 113.2 | 112.7 | 112.2 | 111.7 | 111.2 |
| 107.5° | 144.1 | 143.7 | 143.2 | 142.6 | 142.0 | 141.5 | 141.1 | 140.9 | 140.6 | 140.4 | 140.1 |
| 110° | 163.1 | 163.0 | 162.5 | 162.0 | 161.4 | 160.9 | 160.6 | 160.4 | 160.1 | 159.9 | 159.6 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.6 | 181.6 | 181.3 | 181.1 | 180.9 | 180.7 | 180.3 | 179.9 | 179.4 | 179.0 | 178.6 |
| 115° | 208.6 | 208.4 | 208.5 | 208.6 | 208.6 | 208.7 | 208.6 | 208.4 | 208.1 | 207.9 | 207.7 |
| 117.5° | 236.1 | 236.2 | 236.0 | 235.8 | 235.6 | 235.5 | 235.2 | 234.9 | 234.6 | 234.2 | 233.9 |
| 120° | 252.9 | 252.7 | 252.8 | 252.9 | 253.0 | 253.1 | 252.9 | 252.6 | 252.3 | 251.9 | 251.6 |
| 122.5° | 269.7 | 269.6 | 269.5 | 269.4 | 269.2 | 269.1 | 269.0 | 268.8 | 268.6 | 268.4 | 268.2 |
| 125° | 292.9 | 292.6 | 292.8 | 292.9 | 293.1 | 293.3 | 293.2 | 292.9 | 292.5 | 292.2 | 291.9 |
| 127.5° | 316.4 | 316.4 | 316.1 | 315.7 | 315.3 | 315.0 | 314.7 | 314.6 | 314.5 | 314.5 | 314.4 |
| 130° | 330.4 | 330.4 | 330.1 | 329.9 | 329.6 | 329.4 | 329.2 | 329.1 | 329.1 | 328.9 | 328.8 |
| 132.5° | 344.3 | 344.2 | 343.9 | 343.6 | 343.3 | 343.0 | 342.8 | 342.6 | 342.4 | 342.3 | 342.2 |
| 135° | 363.4 | 363.2 | 362.9 | 362.6 | 362.2 | 361.9 | 361.7 | 361.8 | 361.9 | 362.0 | 362.1 |
| 137.5° | 381.7 | 381.6 | 381.2 | 380.8 | 380.4 | 380.1 | 379.9 | 379.8 | 379.8 | 379.8 | 379.8 |
| 140° | 393.1 | 392.8 | 392.6 | 392.5 | 392.2 | 392.1 | 391.9 | 391.8 | 391.6 | 391.4 | 391.3 |
| 142.5° | 403.6 | 403.4 | 403.3 | 403.2 | 403.1 | 403.0 | 402.8 | 402.5 | 402.3 | 401.9 | 401.6 |
| 145° | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.5 | 418.2 | 418.0 | 417.8 | 417.5 |
| 147.5° | 431.9 | 431.9 | 431.9 | 432.0 | 432.1 | 432.2 | 432.0 | 431.5 | 431.0 | 430.6 | 430.2 |
| 150° | 440.4 | 440.4 | 440.5 | 440.6 | 440.7 | 440.8 | 440.7 | 440.3 | 440.0 | 439.7 | 439.4 |
| 152.5° | 447.7 | 447.5 | 447.7 | 447.8 | 448.0 | 448.1 | 448.1 | 447.8 | 447.5 | 447.3 | 447.0 |
| 155° | 457.4 | 457.1 | 457.3 | 457.5 | 457.8 | 458.0 | 458.1 | 458.0 | 458.0 | 457.9 | 457.8 |
| 157.5° | 465.9 | 465.5 | 465.7 | 465.9 | 466.3 | 466.5 | 466.7 | 466.8 | 466.8 | 466.8 | 466.9 |
| 160° | 471.2 | 470.8 | 470.8 | 470.9 | 471.0 | 471.1 | 471.2 | 471.5 | 471.7 | 472.0 | 472.2 |
| 162.5° | 475.6 | 475.2 | 475.2 | 475.3 | 475.4 | 475.5 | 475.7 | 476.0 | 476.3 | 476.6 | 477.0 |
| 165° | 481.8 | 481.1 | 481.1 | 481.1 | 481.1 | 481.1 | 481.3 | 481.7 | 482.1 | 482.5 | 482.9 |
| 167.5° | 486.2 | 485.5 | 485.6 | 485.6 | 485.7 | 485.7 | 485.9 | 486.4 | 486.8 | 487.2 | 487.6 |
| 170° | 489.1 | 488.4 | 488.4 | 488.3 | 488.2 | 488.1 | 488.4 | 488.9 | 489.3 | 489.8 | 490.3 |
| 172.5° | 490.9 | 490.2 | 490.2 | 490.1 | 490.0 | 489.9 | 490.2 | 490.6 | 491.1 | 491.6 | 492.1 |
| 175° | 492.9 | 492.2 | 492.1 | 492.0 | 492.0 | 491.9 | 492.0 | 492.5 | 493.0 | 493.5 | 494.0 |
| 177.5° | 493.9 | 493.4 | 493.3 | 493.2 | 493.0 | 492.9 | 493.1 | 493.5 | 494.0 | 494.5 | 494.9 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 792.1 | 794.4 | 797.0 | 801.8 | 805.8 | 807.6 | 811.2 | 813.8 | 812.9 | 816.5 | 822.6 |
| 5° | 795.2 | 803.8 | 813.7 | 823.8 | 835.2 | 844.7 | 852.4 | 860.0 | 866.0 | 873.3 | 884.1 |
| 7.5° | 794.8 | 810.0 | 826.6 | 844.7 | 863.5 | 879.6 | 894.6 | 909.9 | 923.3 | 938.2 | 957.5 |
| 10° | 792.7 | 813.0 | 833.6 | 857.5 | 881.3 | 903.8 | 924.1 | 943.1 | 961.2 | 980.5 | 1004.9 |
| 12.5° | 790.4 | 813.8 | 838.7 | 867.3 | 897.0 | 924.1 | 947.9 | 975.3 | 997.9 | 1022.9 | 1051.2 |
| 15° | 780.3 | 811.8 | 845.7 | 882.8 | 918.4 | 954.8 | 987.5 | 1021.2 | 1052.6 | 1082.3 | 1117.9 |
| 17.5° | 768.8 | 805.0 | 845.1 | 888.9 | 931.6 | 975.9 | 1014.7 | 1057.1 | 1089.2 | 1129.2 | 1162.2 |
| 20° | 759.5 | 798.4 | 841.2 | 890.4 | 939.0 | 988.1 | 1030.9 | 1074.1 | 1110.3 | 1150.6 | 1192.5 |
| 22.5° | 748.0 | 790.8 | 837.2 | 888.1 | 939.0 | 992.7 | 1040.1 | 1083.0 | 1127.8 | 1173.1 | 1216.3 |
| 25° | 729.6 | 774.0 | 823.2 | 879.0 | 937.3 | 992.2 | 1043.0 | 1096.3 | 1144.5 | 1193.7 | 1232.4 |
| 27.5° | 707.0 | 753.7 | 805.5 | 863.1 | 923.0 | 979.2 | 1038.9 | 1095.8 | 1144.3 | 1191.6 | 1225.3 |
| 30° | 689.0 | 738.2 | 788.0 | 846.4 | 908.5 | 968.8 | 1032.8 | 1089.6 | 1140.7 | 1183.2 | 1202.2 |
| 32.5° | 670.5 | 717.1 | 768.4 | 827.5 | 891.3 | 956.1 | 1019.7 | 1077.7 | 1124.9 | 1150.5 | 1151.0 |
| 35° | 638.2 | 682.0 | 735.3 | 793.4 | 858.7 | 929.1 | 993.5 | 1050.6 | 1079.5 | 1081.7 | 1050.6 |
| 37.5° | 603.1 | 643.3 | 693.6 | 751.7 | 823.2 | 893.3 | 959.0 | 997.1 | 1006.8 | 974.5 | 917.0 |
| 40° | 578.0 | 615.1 | 663.7 | 723.3 | 794.3 | 866.7 | 926.6 | 954.5 | 944.4 | 892.0 | 827.9 |
| 42.5° | 551.5 | 586.1 | 632.9 | 691.8 | 763.1 | 836.2 | 887.3 | 902.2 | 875.3 | 814.9 | 739.9 |
| 45° | 508.5 | 540.2 | 586.5 | 645.9 | 714.4 | 782.9 | 821.6 | 814.0 | 769.2 | 697.6 | 613.5 |
| 47.5° | 463.7 | 494.3 | 536.0 | 590.8 | 661.0 | 720.2 | 746.3 | 723.4 | 659.7 | 580.9 | 512.5 |
| 50° | 434.0 | 465.4 | 503.8 | 556.1 | 620.2 | 677.3 | 694.1 | 659.2 | 588.4 | 512.7 | 449.8 |
| 52.5° | 404.8 | 431.6 | 469.2 | 519.8 | 581.1 | 629.3 | 638.2 | 598.0 | 525.0 | 457.1 | 401.4 |
| 55° | 360.4 | 384.8 | 416.5 | 464.1 | 517.1 | 558.0 | 553.3 | 501.5 | 435.2 | 377.2 | 333.4 |
| 57.5° | 317.4 | 335.8 | 365.1 | 409.7 | 456.2 | 483.7 | 466.3 | 422.2 | 360.4 | 312.9 | 276.0 |
| 60° | 289.0 | 306.1 | 333.4 | 372.4 | 413.4 | 428.8 | 414.3 | 366.4 | 317.6 | 274.1 | 243.0 |
| 62.5° | 262.1 | 277.2 | 300.7 | 336.9 | 369.9 | 379.1 | 363.5 | 321.7 | 277.7 | 240.6 | 214.8 |
| 65° | 223.0 | 236.9 | 257.0 | 282.7 | 305.5 | 309.9 | 299.8 | 257.0 | 223.6 | 192.6 | 174.8 |
| 67.5° | 187.5 | 196.7 | 212.3 | 234.5 | 246.6 | 249.2 | 229.6 | 202.7 | 173.3 | 154.3 | 140.9 |
| 70° | 163.7 | 170.0 | 184.6 | 196.7 | 206.5 | 206.8 | 188.7 | 167.1 | 144.6 | 129.1 | 119.3 |
| 72.5° | 140.6 | 146.7 | 157.8 | 166.0 | 173.5 | 171.0 | 154.5 | 137.5 | 119.3 | 107.5 | 100.2 |
| 75° | 108.5 | 113.9 | 119.6 | 123.4 | 123.4 | 120.3 | 108.2 | 95.5 | 85.0 | 78.0 | 75.8 |
| 77.5° | 78.8 | 83.3 | 85.2 | 84.6 | 83.5 | 78.5 | 70.9 | 62.6 | 58.9 | 55.6 | 53.9 |
| 80° | 61.9 | 63.8 | 64.4 | 62.8 | 60.9 | 55.2 | 50.1 | 46.6 | 43.1 | 41.9 | 41.3 |
| 82.5° | 45.9 | 47.5 | 45.9 | 46.3 | 42.2 | 37.4 | 34.7 | 33.4 | 32.0 | 31.5 | 30.8 |
| 85° | 24.5 | 24.1 | 23.5 | 21.9 | 19.0 | 18.4 | 18.1 | 17.8 | 17.1 | 17.4 | 16.8 |
| 87.5° | 8.8 | 8.2 | 7.3 | 7.3 | 7.4 | 7.1 | 7.4 | 7.6 | 7.7 | 7.6 | 8.2 |
| 90° | 2.0 | 2.9 | 3.8 | 4.7 | 5.5 | 6.2 | 6.8 | 7.5 | 8.2 | 8.6 | 9.1 |
| 92.5° | 4.7 | 4.7 | 4.8 | 4.9 | 5.2 | 5.9 | 6.5 | 7.2 | 7.8 | 8.3 | 8.8 |
| 95° | 17.5 | 14.8 | 12.0 | 9.1 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.6 | 9.1 |
| 97.5° | 44.9 | 46.6 | 48.3 | 50.1 | 46.4 | 37.3 | 28.0 | 18.9 | 9.8 | 9.8 | 9.9 |
| 100° | 62.0 | 63.6 | 65.1 | 66.5 | 61.6 | 50.2 | 38.9 | 27.6 | 16.2 | 14.8 | 13.5 |
| 102.5° | 81.2 | 82.3 | 83.3 | 84.5 | 84.2 | 82.8 | 81.3 | 79.8 | 78.4 | 63.3 | 48.2 |
| 105° | 111.7 | 112.2 | 112.7 | 113.2 | 113.7 | 114.1 | 114.5 | 114.9 | 115.3 | 116.0 | 116.8 |
| 107.5° | 140.4 | 140.6 | 140.9 | 141.1 | 141.5 | 142.0 | 142.6 | 143.2 | 143.7 | 144.1 | 144.5 |
| 110° | 159.9 | 160.1 | 160.4 | 160.6 | 160.9 | 161.4 | 162.0 | 162.5 | 163.0 | 163.1 | 163.3 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 179.0 | 179.4 | 179.9 | 180.3 | 180.7 | 180.9 | 181.1 | 181.3 | 181.6 | 181.6 | 181.5 |
| 115° | 207.9 | 208.1 | 208.4 | 208.6 | 208.7 | 208.6 | 208.6 | 208.5 | 208.4 | 208.6 | 208.7 |
| 117.5° | 234.2 | 234.6 | 234.9 | 235.2 | 235.5 | 235.6 | 235.8 | 236.0 | 236.2 | 236.1 | 236.1 |
| 120° | 251.9 | 252.3 | 252.6 | 252.9 | 253.1 | 253.0 | 252.9 | 252.8 | 252.7 | 252.9 | 253.1 |
| 122.5° | 268.4 | 268.6 | 268.8 | 269.0 | 269.1 | 269.2 | 269.4 | 269.5 | 269.6 | 269.7 | 269.8 |
| 125° | 292.2 | 292.5 | 292.9 | 293.2 | 293.3 | 293.1 | 292.9 | 292.8 | 292.6 | 292.9 | 293.1 |
| 127.5° | 314.5 | 314.5 | 314.6 | 314.7 | 315.0 | 315.3 | 315.7 | 316.1 | 316.4 | 316.4 | 316.3 |
| 130° | 328.9 | 329.1 | 329.1 | 329.2 | 329.4 | 329.6 | 329.9 | 330.1 | 330.4 | 330.4 | 330.5 |
| 132.5° | 342.3 | 342.4 | 342.6 | 342.8 | 343.0 | 343.3 | 343.6 | 343.9 | 344.2 | 344.3 | 344.4 |
| 135° | 362.0 | 361.9 | 361.8 | 361.7 | 361.9 | 362.2 | 362.6 | 362.9 | 363.2 | 363.4 | 363.5 |
| 137.5° | 379.8 | 379.8 | 379.8 | 379.9 | 380.1 | 380.4 | 380.8 | 381.2 | 381.6 | 381.7 | 381.9 |
| 140° | 391.4 | 391.6 | 391.8 | 391.9 | 392.1 | 392.2 | 392.5 | 392.6 | 392.8 | 393.1 | 393.3 |
| 142.5° | 401.9 | 402.3 | 402.5 | 402.8 | 403.0 | 403.1 | 403.2 | 403.3 | 403.4 | 403.6 | 403.7 |
| 145° | 417.8 | 418.0 | 418.2 | 418.5 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.8 |
| 147.5° | 430.6 | 431.0 | 431.5 | 432.0 | 432.2 | 432.1 | 432.0 | 431.9 | 431.9 | 431.9 | 432.0 |
| 150° | 439.7 | 440.0 | 440.3 | 440.7 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 |
| 152.5° | 447.3 | 447.5 | 447.8 | 448.1 | 448.1 | 448.0 | 447.8 | 447.7 | 447.5 | 447.7 | 447.8 |
| 155° | 457.9 | 458.0 | 458.0 | 458.1 | 458.0 | 457.8 | 457.5 | 457.3 | 457.1 | 457.4 | 457.7 |
| 157.5° | 466.8 | 466.8 | 466.8 | 466.7 | 466.5 | 466.3 | 465.9 | 465.7 | 465.5 | 465.9 | 466.3 |
| 160° | 472.0 | 471.7 | 471.5 | 471.2 | 471.1 | 471.0 | 470.9 | 470.8 | 470.8 | 471.2 | 471.7 |
| 162.5° | 476.6 | 476.3 | 476.0 | 475.7 | 475.5 | 475.4 | 475.3 | 475.2 | 475.2 | 475.6 | 476.1 |
| 165° | 482.5 | 482.1 | 481.7 | 481.3 | 481.1 | 481.1 | 481.1 | 481.1 | 481.1 | 481.8 | 482.4 |
| 167.5° | 487.2 | 486.8 | 486.4 | 485.9 | 485.7 | 485.7 | 485.6 | 485.6 | 485.5 | 486.2 | 487.0 |
| 170° | 489.8 | 489.3 | 488.9 | 488.4 | 488.1 | 488.2 | 488.3 | 488.4 | 488.4 | 489.1 | 489.8 |
| 172.5° | 491.6 | 491.1 | 490.6 | 490.2 | 489.9 | 490.0 | 490.1 | 490.2 | 490.2 | 490.9 | 491.5 |
| 175° | 493.5 | 493.0 | 492.5 | 492.0 | 491.9 | 492.0 | 492.0 | 492.1 | 492.2 | 492.9 | 493.7 |
| 177.5° | 494.5 | 494.0 | 493.5 | 493.1 | 492.9 | 493.0 | 493.2 | 493.3 | 493.4 | 493.9 | 494.5 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 | 787.3 |
| 2.5° | 825.9 | 827.0 | 827.7 | 830.2 | 830.5 | 832.7 | 830.5 |
| 5° | 894.2 | 898.7 | 905.6 | 912.6 | 913.3 | 917.7 | 909.8 |
| 7.5° | 970.9 | 981.1 | 987.6 | 998.8 | 1003.3 | 1006.1 | 1001.5 |
| 10° | 1023.7 | 1033.1 | 1050.0 | 1058.3 | 1066.5 | 1067.7 | 1064.0 |
| 12.5° | 1074.6 | 1089.7 | 1103.0 | 1118.7 | 1118.3 | 1129.4 | 1125.4 |
| 15° | 1142.6 | 1158.1 | 1176.6 | 1194.0 | 1200.4 | 1200.4 | 1205.4 |
| 17.5° | 1191.1 | 1219.6 | 1238.6 | 1252.3 | 1267.3 | 1269.9 | 1268.1 |
| 20° | 1223.8 | 1254.6 | 1274.9 | 1292.7 | 1302.8 | 1305.7 | 1305.7 |
| 22.5° | 1248.2 | 1274.4 | 1294.2 | 1310.2 | 1318.6 | 1321.9 | 1320.9 |
| 25° | 1265.1 | 1287.6 | 1299.7 | 1304.4 | 1306.6 | 1305.9 | 1300.0 |
| 27.5° | 1241.9 | 1241.0 | 1233.3 | 1218.7 | 1207.8 | 1201.1 | 1193.5 |
| 30° | 1197.8 | 1181.3 | 1162.3 | 1141.3 | 1114.4 | 1093.7 | 1087.4 |
| 32.5° | 1132.1 | 1095.0 | 1062.8 | 1027.9 | 998.9 | 978.3 | 969.6 |
| 35° | 1004.9 | 946.2 | 898.4 | 856.5 | 826.1 | 807.0 | 800.6 |
| 37.5° | 854.1 | 797.3 | 738.0 | 697.4 | 672.1 | 652.9 | 645.7 |
| 40° | 758.1 | 696.3 | 644.6 | 606.5 | 580.5 | 561.8 | 561.5 |
| 42.5° | 670.6 | 611.6 | 562.9 | 535.5 | 507.4 | 495.0 | 495.0 |
| 45° | 549.1 | 501.8 | 460.6 | 439.0 | 422.2 | 412.1 | 409.2 |
| 47.5° | 454.6 | 415.6 | 388.1 | 370.9 | 357.2 | 350.7 | 346.5 |
| 50° | 401.6 | 367.4 | 345.4 | 330.5 | 322.9 | 314.7 | 314.1 |
| 52.5° | 357.4 | 329.8 | 312.7 | 300.6 | 291.0 | 286.0 | 286.2 |
| 55° | 300.4 | 278.5 | 266.4 | 257.2 | 249.6 | 245.8 | 244.3 |
| 57.5° | 253.1 | 236.7 | 227.9 | 219.5 | 216.2 | 213.2 | 212.4 |
| 60° | 223.6 | 212.5 | 204.3 | 197.6 | 192.9 | 191.9 | 191.6 |
| 62.5° | 199.3 | 187.7 | 182.0 | 176.8 | 173.3 | 171.9 | 171.3 |
| 65° | 164.3 | 155.7 | 150.7 | 146.6 | 145.3 | 143.1 | 142.8 |
| 67.5° | 132.5 | 127.3 | 124.0 | 121.2 | 119.4 | 119.3 | 119.3 |
| 70° | 112.9 | 110.1 | 107.2 | 105.7 | 104.7 | 104.0 | 104.0 |
| 72.5° | 96.2 | 94.1 | 91.7 | 90.9 | 90.7 | 90.1 | 89.8 |
| 75° | 73.3 | 71.1 | 71.3 | 69.8 | 68.5 | 66.9 | 66.0 |
| 77.5° | 51.9 | 50.4 | 50.1 | 49.9 | 48.8 | 48.6 | 49.1 |
| 80° | 40.3 | 38.7 | 38.4 | 38.7 | 38.4 | 37.4 | 37.4 |
| 82.5° | 30.7 | 29.4 | 29.0 | 28.8 | 28.5 | 28.8 | 28.3 |
| 85° | 16.5 | 15.9 | 15.9 | 15.9 | 16.5 | 16.1 | 15.9 |
| 87.5° | 7.7 | 7.6 | 7.9 | 7.7 | 7.7 | 7.5 | 7.8 |
| 90° | 9.6 | 10.1 | 10.4 | 10.6 | 10.8 | 10.9 | 11.1 |
| 92.5° | 9.3 | 9.8 | 10.0 | 10.1 | 10.1 | 10.2 | 10.2 |
| 95° | 9.6 | 10.1 | 10.4 | 10.4 | 10.5 | 10.6 | 10.7 |
| 97.5° | 9.9 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 |
| 100° | 12.1 | 10.7 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 |
| 102.5° | 33.2 | 18.1 | 10.6 | 10.6 | 10.6 | 10.6 | 10.7 |
| 105° | 117.5 | 118.2 | 117.2 | 114.1 | 111.2 | 108.3 | 105.3 |
| 107.5° | 144.8 | 145.2 | 145.5 | 145.9 | 146.1 | 146.4 | 146.8 |
| 110° | 163.5 | 163.6 | 163.8 | 164.0 | 164.3 | 164.5 | 164.8 |



TEST NUMBER: P333035-930

CATALOG NUMBER: S124RDIW-S575D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.5 | 181.4 | 181.6 | 181.9 | 182.2 | 182.5 | 182.8 |
| 115° | 208.9 | 209.0 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 |
| 117.5° | 236.1 | 236.0 | 236.0 | 235.9 | 235.9 | 235.9 | 235.9 |
| 120° | 253.2 | 253.4 | 253.4 | 253.2 | 253.1 | 252.9 | 252.7 |
| 122.5° | 269.9 | 269.9 | 269.9 | 269.8 | 269.6 | 269.5 | 269.3 |
| 125° | 293.3 | 293.6 | 293.8 | 293.8 | 293.9 | 294.0 | 294.1 |
| 127.5° | 316.3 | 316.3 | 316.2 | 316.1 | 316.0 | 316.0 | 315.9 |
| 130° | 330.6 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 |
| 132.5° | 344.5 | 344.5 | 344.5 | 344.5 | 344.5 | 344.4 | 344.3 |
| 135° | 363.7 | 363.9 | 364.0 | 364.2 | 364.4 | 364.5 | 364.7 |
| 137.5° | 382.0 | 382.3 | 382.3 | 382.3 | 382.2 | 382.2 | 382.1 |
| 140° | 393.5 | 393.8 | 394.0 | 394.0 | 394.1 | 394.2 | 394.3 |
| 142.5° | 404.0 | 404.1 | 404.2 | 404.2 | 404.3 | 404.3 | 404.3 |
| 145° | 418.9 | 419.0 | 419.1 | 419.2 | 419.4 | 419.6 | 419.7 |
| 147.5° | 432.0 | 432.1 | 432.2 | 432.3 | 432.4 | 432.4 | 432.5 |
| 150° | 440.4 | 440.4 | 440.5 | 440.6 | 440.7 | 440.8 | 440.8 |
| 152.5° | 447.9 | 448.1 | 448.1 | 448.1 | 448.0 | 447.9 | 447.9 |
| 155° | 458.0 | 458.4 | 458.4 | 458.2 | 458.0 | 457.7 | 457.5 |
| 157.5° | 466.7 | 467.1 | 467.1 | 466.7 | 466.3 | 465.9 | 465.5 |
| 160° | 472.2 | 472.7 | 472.7 | 472.2 | 471.7 | 471.2 | 470.8 |
| 162.5° | 476.6 | 477.1 | 477.1 | 476.5 | 476.0 | 475.4 | 474.9 |
| 165° | 483.1 | 483.7 | 483.6 | 482.9 | 482.2 | 481.4 | 480.7 |
| 167.5° | 487.7 | 488.4 | 488.4 | 487.5 | 486.7 | 485.9 | 485.1 |
| 170° | 490.4 | 491.1 | 491.1 | 490.2 | 489.3 | 488.5 | 487.7 |
| 172.5° | 492.2 | 492.8 | 492.8 | 491.9 | 491.0 | 490.1 | 489.2 |
| 175° | 494.4 | 495.1 | 495.0 | 494.0 | 493.0 | 492.0 | 491.1 |
| 177.5° | 495.0 | 495.5 | 495.4 | 494.6 | 493.8 | 493.0 | 492.3 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |

(END OF REPORT)