

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: P332271-930

Luminaire Tested: **S123RDIP-S560D365U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332271-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIP-S560D365U930-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2833.6 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Direct

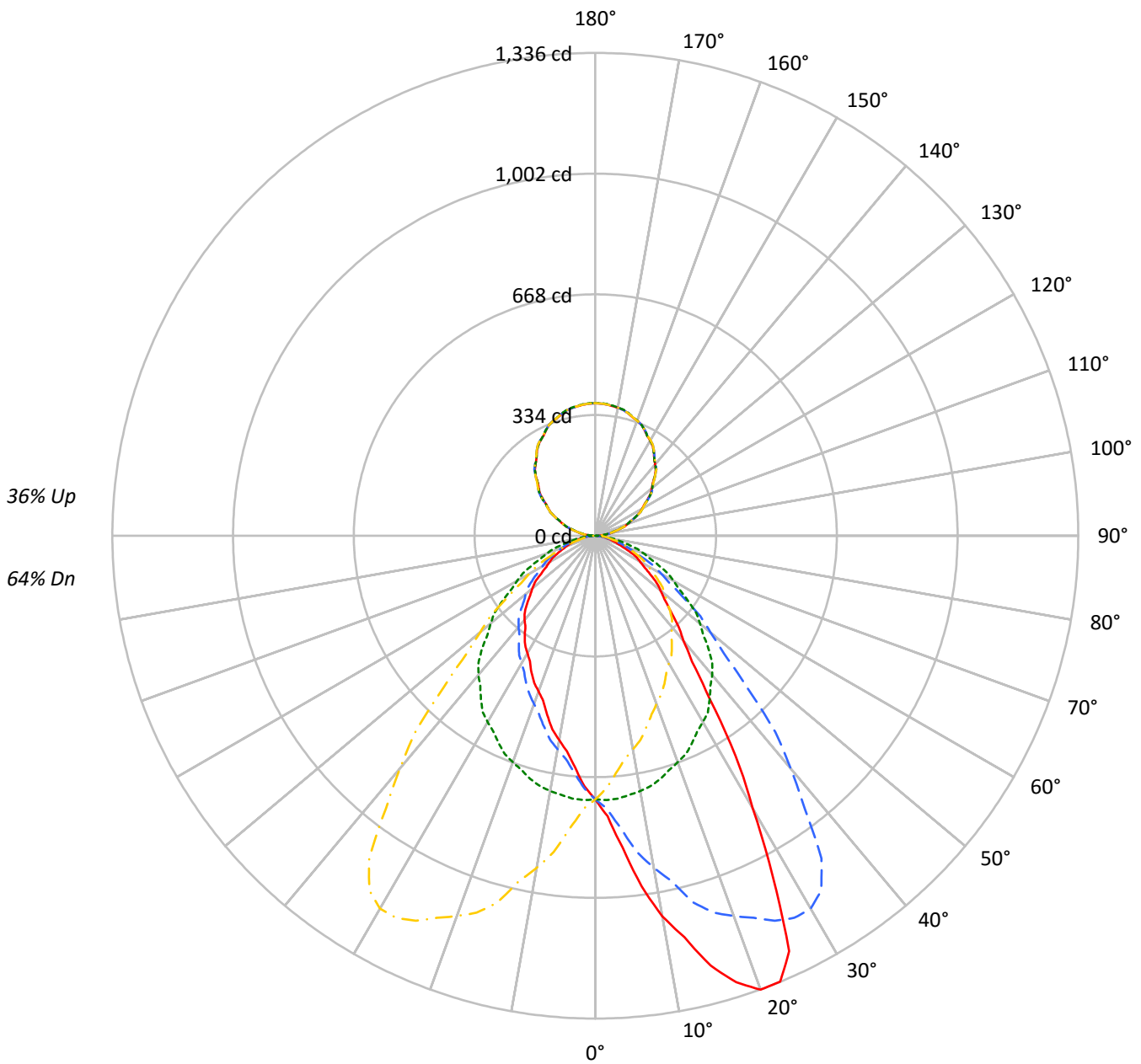
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 91 | 91 | 91 | 80 | 80 | 80 | 69 | 69 | 69 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | | |
| 1 | 102 | 98 | 94 | 91 | 95 | 92 | 89 | 86 | 81 | 79 | 77 | 71 | 70 | 68 | 62 | 61 | 60 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | | |
| 2 | 93 | 86 | 80 | 75 | 87 | 81 | 76 | 72 | 72 | 68 | 65 | 64 | 61 | 58 | 56 | 54 | 52 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | | |
| 3 | 86 | 76 | 69 | 64 | 80 | 72 | 66 | 61 | 64 | 59 | 55 | 57 | 53 | 50 | 50 | 47 | 45 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | | |
| 4 | 79 | 68 | 60 | 55 | 74 | 64 | 58 | 52 | 58 | 52 | 48 | 51 | 47 | 43 | 45 | 42 | 39 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | | |
| 5 | 73 | 61 | 53 | 47 | 68 | 58 | 51 | 45 | 52 | 46 | 42 | 46 | 42 | 38 | 41 | 37 | 35 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | | |
| 6 | 67 | 55 | 47 | 42 | 63 | 52 | 45 | 40 | 47 | 41 | 37 | 42 | 37 | 34 | 38 | 34 | 31 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | |
| 7 | 62 | 50 | 42 | 37 | 58 | 48 | 41 | 35 | 43 | 37 | 33 | 39 | 34 | 30 | 34 | 31 | 28 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | |
| 8 | 58 | 46 | 38 | 33 | 54 | 44 | 37 | 32 | 39 | 34 | 29 | 35 | 31 | 27 | 32 | 28 | 25 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | |
| 9 | 54 | 42 | 35 | 29 | 51 | 40 | 33 | 29 | 36 | 31 | 27 | 33 | 28 | 25 | 29 | 26 | 23 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | | |
| 10 | 51 | 39 | 31 | 27 | 48 | 37 | 30 | 26 | 34 | 28 | 24 | 30 | 26 | 22 | 27 | 24 | 21 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7851 | 7851 | 7851 | 7851 |
| 5° | 9360 | 7886 | 6944 | 7886 |
| 10° | 11687 | 7840 | 6274 | 7840 |
| 15° | 13718 | 7759 | 5721 | 7759 |
| 20° | 15309 | 7640 | 5251 | 7640 |
| 25° | 15064 | 7514 | 4962 | 7514 |
| 30° | 10828 | 7398 | 4666 | 7398 |
| 35° | 7230 | 7247 | 4473 | 7247 |
| 40° | 5327 | 7065 | 4274 | 7065 |
| 45° | 4468 | 6745 | 4078 | 6745 |
| 50° | 3944 | 6328 | 3806 | 6328 |
| 55° | 3459 | 5849 | 3434 | 5849 |
| 60° | 3078 | 5393 | 3147 | 5393 |
| 65° | 2705 | 4898 | 2929 | 4898 |
| 70° | 2121 | 4463 | 2675 | 4463 |
| 75° | 1871 | 3897 | 2441 | 3897 |
| 80° | 1630 | 3310 | 2399 | 3310 |
| 85° | 1309 | 2655 | 2544 | 2655 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 71.7 | 2.5 |
| 10°-20° | 224.1 | 7.9 |
| 20°-30° | 352.1 | 12.4 |
| 30°-40° | 367.3 | 13.0 |
| 40°-50° | 314.4 | 11.1 |
| 50°-60° | 239.6 | 8.5 |
| 60°-70° | 153.6 | 5.4 |
| 70°-80° | 73.9 | 2.6 |
| 80°-90° | 20.6 | 0.7 |
| 90°-100° | 23.9 | 0.8 |
| 100°-110° | 71.5 | 2.5 |
| 110°-120° | 121.6 | 4.3 |
| 120°-130° | 160.0 | 5.6 |
| 130°-140° | 179.8 | 6.3 |
| 140°-150° | 176.8 | 6.2 |
| 150°-160° | 148.8 | 5.3 |
| 160°-170° | 99.1 | 3.5 |
| 170°-180° | 34.7 | 1.2 |
| 0°-30° | 647.9 | 22.9 |
| 0°-40° | 1015.3 | 35.8 |
| 0°-60° | 1569.3 | 55.4 |
| 0°-90° | 1817.4 | 64.1 |
| 90°-120° | 217.1 | 7.7 |
| 90°-150° | 733.7 | 25.9 |
| 90°-180° | 1016.0 | 35.9 |
| 0°-180° | 2833.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 729 | 729 | 729 | 729 | 729 | |
| 5° | 866 | 730 | 643 | 730 | 866 | 89 |
| 15° | 1231 | 696 | 513 | 696 | 1231 | 349 |
| 25° | 1268 | 633 | 418 | 633 | 1268 | 545 |
| 35° | 550 | 552 | 340 | 552 | 550 | 361 |
| 45° | 294 | 443 | 268 | 443 | 294 | 231 |
| 55° | 184 | 312 | 183 | 312 | 184 | 167 |
| 65° | 106 | 192 | 115 | 192 | 106 | 104 |
| 75° | 45 | 94 | 59 | 94 | 45 | 48 |
| 85° | 11 | 22 | 21 | 22 | 11 | 12 |
| 90° | 9 | 0 | 9 | 0 | 9 | 5 |
| 95° | 22 | 17 | 22 | 17 | 22 | 23 |
| 105° | 69 | 65 | 69 | 65 | 69 | 73 |
| 115° | 123 | 122 | 123 | 122 | 123 | 122 |
| 125° | 177 | 179 | 177 | 179 | 177 | 158 |
| 135° | 232 | 232 | 232 | 232 | 232 | 179 |
| 145° | 282 | 282 | 282 | 282 | 282 | 176 |
| 155° | 322 | 323 | 322 | 323 | 322 | 148 |
| 165° | 351 | 352 | 351 | 352 | 351 | 99 |
| 175° | 364 | 366 | 364 | 366 | 364 | 35 |
| 180° | 367 | 367 | 367 | 367 | 367 | |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 776.9 | 778.0 | 774.7 | 774.2 | 770.5 | 769.5 | 769.5 | 764.2 | 760.9 | 756.7 | 754.2 |
| 5° | 866.3 | 871.2 | 868.8 | 863.2 | 853.8 | 851.6 | 845.6 | 836.3 | 825.7 | 812.5 | 806.3 |
| 7.5° | 977.8 | 984.6 | 981.9 | 973.3 | 963.5 | 955.5 | 938.8 | 923.2 | 901.5 | 882.4 | 866.0 |
| 10° | 1069.3 | 1062.0 | 1056.5 | 1048.0 | 1038.9 | 1024.3 | 1006.8 | 982.8 | 955.0 | 933.1 | 908.7 |
| 12.5° | 1137.7 | 1136.5 | 1129.4 | 1120.7 | 1107.9 | 1094.0 | 1072.4 | 1043.2 | 1010.9 | 979.3 | 951.5 |
| 15° | 1231.0 | 1232.9 | 1228.2 | 1219.1 | 1201.0 | 1176.3 | 1143.9 | 1131.7 | 1085.5 | 1051.1 | 1016.8 |
| 17.5° | 1295.6 | 1295.2 | 1294.5 | 1282.0 | 1263.6 | 1245.9 | 1215.9 | 1183.8 | 1142.0 | 1093.6 | 1047.3 |
| 20° | 1336.5 | 1333.4 | 1334.1 | 1320.0 | 1306.3 | 1286.0 | 1256.6 | 1210.1 | 1175.7 | 1119.8 | 1072.0 |
| 22.5° | 1335.5 | 1334.9 | 1337.3 | 1332.4 | 1322.5 | 1306.9 | 1283.9 | 1244.6 | 1200.7 | 1144.3 | 1090.5 |
| 25° | 1268.4 | 1266.0 | 1280.7 | 1284.7 | 1300.6 | 1303.4 | 1296.6 | 1275.0 | 1233.5 | 1175.4 | 1108.9 |
| 27.5° | 1061.6 | 1060.2 | 1087.4 | 1121.5 | 1164.8 | 1198.4 | 1230.9 | 1246.5 | 1233.5 | 1191.9 | 1125.3 |
| 30° | 871.2 | 900.6 | 914.4 | 963.7 | 1018.6 | 1084.2 | 1141.7 | 1196.3 | 1209.7 | 1191.6 | 1137.0 |
| 32.5° | 723.3 | 748.9 | 760.4 | 802.8 | 854.0 | 930.8 | 1017.0 | 1094.4 | 1149.1 | 1162.9 | 1130.0 |
| 35° | 550.2 | 550.6 | 576.7 | 595.5 | 642.9 | 721.9 | 805.7 | 909.3 | 1012.4 | 1090.5 | 1098.6 |
| 37.5° | 439.0 | 440.6 | 456.5 | 475.2 | 510.8 | 552.5 | 626.2 | 712.4 | 831.4 | 951.3 | 1021.6 |
| 40° | 379.1 | 381.9 | 393.8 | 412.2 | 437.8 | 469.4 | 526.8 | 608.0 | 707.3 | 840.7 | 949.7 |
| 42.5° | 340.6 | 345.2 | 351.3 | 365.5 | 381.3 | 410.9 | 457.4 | 520.1 | 610.3 | 736.5 | 862.2 |
| 45° | 293.5 | 296.0 | 300.7 | 307.3 | 321.6 | 342.3 | 373.5 | 415.6 | 490.6 | 592.1 | 718.0 |
| 47.5° | 258.9 | 257.6 | 262.5 | 267.9 | 277.4 | 291.5 | 312.4 | 346.8 | 400.3 | 481.7 | 588.5 |
| 50° | 235.5 | 235.1 | 238.6 | 242.6 | 251.7 | 262.0 | 279.2 | 305.1 | 347.6 | 415.0 | 512.7 |
| 52.5° | 213.4 | 214.7 | 217.1 | 222.2 | 228.7 | 237.0 | 252.4 | 271.1 | 307.6 | 365.8 | 447.3 |
| 55° | 184.3 | 185.2 | 188.6 | 191.4 | 196.1 | 204.6 | 214.3 | 229.8 | 254.8 | 295.4 | 362.6 |
| 57.5° | 159.5 | 159.1 | 162.4 | 163.1 | 168.4 | 175.2 | 182.7 | 194.9 | 213.0 | 243.1 | 288.4 |
| 60° | 143.0 | 142.1 | 144.9 | 147.1 | 149.9 | 155.5 | 161.8 | 173.7 | 188.0 | 210.2 | 248.9 |
| 62.5° | 128.0 | 127.6 | 129.6 | 131.8 | 134.1 | 139.3 | 144.6 | 153.6 | 165.0 | 183.7 | 214.4 |
| 65° | 106.2 | 107.1 | 108.0 | 109.0 | 110.2 | 113.3 | 118.4 | 124.6 | 132.4 | 145.5 | 167.7 |
| 67.5° | 83.4 | 84.4 | 84.7 | 86.6 | 89.3 | 91.2 | 94.3 | 99.9 | 105.3 | 116.3 | 129.0 |
| 70° | 67.4 | 67.1 | 67.4 | 68.4 | 71.8 | 75.3 | 79.3 | 83.4 | 86.8 | 94.7 | 105.3 |
| 72.5° | 58.0 | 57.4 | 58.2 | 58.4 | 60.1 | 61.0 | 63.6 | 67.4 | 71.8 | 77.1 | 84.8 |
| 75° | 45.0 | 45.0 | 45.0 | 45.0 | 46.2 | 46.9 | 47.8 | 48.8 | 50.3 | 52.7 | 58.4 |
| 77.5° | 33.3 | 33.3 | 33.8 | 34.0 | 34.3 | 34.7 | 35.2 | 36.2 | 36.7 | 38.1 | 40.4 |
| 80° | 26.3 | 26.6 | 26.3 | 26.6 | 26.6 | 27.1 | 27.5 | 28.5 | 28.7 | 30.3 | 31.2 |
| 82.5° | 19.7 | 19.6 | 19.7 | 20.1 | 20.1 | 20.7 | 20.7 | 21.4 | 21.5 | 22.3 | 23.2 |
| 85° | 10.6 | 10.0 | 10.6 | 10.3 | 10.9 | 10.3 | 10.6 | 11.3 | 11.3 | 11.6 | 12.8 |
| 87.5° | 4.2 | 4.7 | 4.2 | 4.4 | 4.4 | 4.6 | 4.6 | 4.5 | 4.9 | 4.6 | 4.7 |
| 90° | 8.6 | 8.5 | 8.4 | 8.2 | 8.2 | 7.9 | 7.7 | 7.4 | 7.2 | 6.9 | 6.1 |
| 92.5° | 11.7 | 11.7 | 11.8 | 11.9 | 12.0 | 11.9 | 11.7 | 11.5 | 11.3 | 11.1 | 10.6 |
| 95° | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.3 | 22.1 | 21.9 | 21.6 | 21.4 | 20.8 |
| 97.5° | 34.6 | 34.6 | 34.7 | 34.7 | 34.7 | 34.6 | 34.2 | 33.9 | 33.7 | 33.3 | 33.0 |
| 100° | 43.8 | 43.7 | 43.5 | 43.4 | 43.3 | 43.1 | 43.0 | 42.7 | 42.6 | 42.3 | 42.1 |
| 102.5° | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.2 | 53.1 | 52.9 | 52.7 | 52.5 | 52.1 |
| 105° | 68.6 | 68.5 | 68.3 | 68.2 | 68.1 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 67.4 |
| 107.5° | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 84.8 | 84.5 | 84.4 | 84.1 | 84.0 | 83.7 |
| 110° | 95.4 | 95.5 | 95.6 | 95.7 | 95.9 | 95.8 | 95.6 | 95.3 | 95.1 | 94.8 | 94.7 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 106.9 | 106.9 | 107.0 | 107.0 | 107.0 | 106.9 | 106.6 | 106.2 | 105.9 | 105.7 | 105.6 |
| 115° | 122.7 | 122.8 | 122.9 | 122.9 | 123.0 | 123.0 | 122.9 | 122.9 | 122.8 | 122.7 | 122.9 |
| 117.5° | 138.8 | 139.0 | 139.2 | 139.3 | 139.5 | 139.7 | 139.7 | 139.7 | 139.7 | 139.7 | 139.8 |
| 120° | 150.1 | 150.3 | 150.3 | 150.5 | 150.6 | 150.7 | 150.7 | 150.8 | 150.9 | 151.0 | 151.3 |
| 122.5° | 160.9 | 161.1 | 161.3 | 161.5 | 161.7 | 161.8 | 162.0 | 162.2 | 162.3 | 162.5 | 162.7 |
| 125° | 177.2 | 177.4 | 177.7 | 178.0 | 178.2 | 178.5 | 178.7 | 179.0 | 179.2 | 179.5 | 179.6 |
| 127.5° | 193.4 | 193.7 | 194.0 | 194.3 | 194.5 | 194.9 | 195.3 | 195.6 | 196.0 | 196.3 | 196.5 |
| 130° | 204.0 | 204.5 | 204.9 | 205.4 | 205.8 | 206.1 | 206.4 | 206.7 | 206.9 | 207.2 | 207.3 |
| 132.5° | 215.1 | 215.4 | 215.7 | 216.1 | 216.5 | 216.8 | 217.0 | 217.4 | 217.7 | 218.0 | 218.1 |
| 135° | 232.2 | 232.4 | 232.4 | 232.6 | 232.8 | 232.9 | 233.2 | 233.4 | 233.7 | 234.0 | 234.0 |
| 137.5° | 247.4 | 247.6 | 247.9 | 248.1 | 248.3 | 248.6 | 248.9 | 249.2 | 249.4 | 249.6 | 249.5 |
| 140° | 257.3 | 257.7 | 258.2 | 258.6 | 259.1 | 259.3 | 259.4 | 259.4 | 259.5 | 259.6 | 259.5 |
| 142.5° | 267.4 | 267.7 | 268.2 | 268.5 | 268.8 | 269.0 | 269.0 | 269.1 | 269.2 | 269.3 | 269.1 |
| 145° | 282.1 | 282.3 | 282.6 | 282.8 | 283.1 | 283.2 | 283.3 | 283.4 | 283.5 | 283.5 | 283.3 |
| 147.5° | 295.1 | 295.5 | 295.9 | 296.3 | 296.6 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.6 |
| 150° | 303.4 | 303.8 | 304.2 | 304.5 | 304.9 | 305.1 | 305.1 | 305.1 | 305.1 | 305.1 | 305.0 |
| 152.5° | 311.4 | 311.8 | 312.1 | 312.4 | 312.7 | 312.9 | 312.8 | 312.7 | 312.6 | 312.5 | 312.4 |
| 155° | 322.4 | 322.9 | 323.3 | 323.8 | 324.2 | 324.3 | 324.0 | 323.8 | 323.5 | 323.3 | 323.2 |
| 157.5° | 332.4 | 332.7 | 333.1 | 333.5 | 333.8 | 333.9 | 333.6 | 333.3 | 333.0 | 332.8 | 332.7 |
| 160° | 338.8 | 339.1 | 339.3 | 339.6 | 339.8 | 339.8 | 339.5 | 339.2 | 338.8 | 338.5 | 338.5 |
| 162.5° | 343.6 | 344.1 | 344.5 | 344.9 | 345.3 | 345.4 | 345.0 | 344.7 | 344.4 | 344.1 | 344.1 |
| 165° | 350.7 | 351.1 | 351.6 | 352.0 | 352.5 | 352.5 | 352.0 | 351.7 | 351.3 | 350.9 | 350.9 |
| 167.5° | 356.6 | 356.9 | 357.3 | 357.8 | 358.2 | 358.2 | 357.8 | 357.3 | 356.9 | 356.6 | 356.5 |
| 170° | 359.5 | 360.0 | 360.4 | 360.9 | 361.3 | 361.3 | 360.9 | 360.4 | 360.0 | 359.5 | 359.5 |
| 172.5° | 361.9 | 362.3 | 362.8 | 363.2 | 363.7 | 363.7 | 363.3 | 362.9 | 362.5 | 362.1 | 362.1 |
| 175° | 364.4 | 364.9 | 365.3 | 365.8 | 366.2 | 366.3 | 365.9 | 365.5 | 365.2 | 364.8 | 364.8 |
| 177.5° | 365.8 | 366.2 | 366.6 | 367.0 | 367.3 | 367.3 | 367.0 | 366.7 | 366.4 | 366.1 | 366.1 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 753.2 | 752.4 | 748.9 | 744.9 | 739.7 | 736.2 | 733.4 | 732.0 | 727.5 | 721.9 | 718.2 |
| 5° | 799.7 | 790.4 | 780.4 | 768.2 | 756.9 | 745.4 | 738.3 | 729.8 | 719.5 | 707.9 | 699.8 |
| 7.5° | 849.5 | 831.2 | 811.4 | 791.0 | 770.8 | 752.7 | 736.7 | 723.0 | 706.6 | 690.1 | 678.4 |
| 10° | 887.8 | 861.0 | 833.2 | 804.7 | 778.8 | 754.5 | 735.7 | 717.3 | 697.7 | 678.6 | 664.2 |
| 12.5° | 922.5 | 887.2 | 855.2 | 820.2 | 787.1 | 758.0 | 731.0 | 709.3 | 685.7 | 665.4 | 649.0 |
| 15° | 966.5 | 930.3 | 891.5 | 838.5 | 794.4 | 757.6 | 724.8 | 696.3 | 667.6 | 642.7 | 626.7 |
| 17.5° | 1007.5 | 953.1 | 901.1 | 856.7 | 799.6 | 753.5 | 713.5 | 679.5 | 648.0 | 621.5 | 601.9 |
| 20° | 1024.6 | 971.8 | 915.3 | 858.8 | 802.6 | 751.1 | 704.5 | 667.0 | 634.2 | 604.2 | 586.1 |
| 22.5° | 1034.8 | 975.0 | 915.5 | 854.8 | 795.1 | 741.5 | 695.5 | 654.3 | 618.7 | 590.3 | 567.9 |
| 25° | 1046.8 | 975.5 | 910.0 | 850.0 | 789.1 | 731.0 | 676.4 | 632.7 | 594.3 | 563.9 | 540.2 |
| 27.5° | 1054.6 | 970.9 | 893.3 | 826.7 | 764.9 | 707.1 | 657.0 | 610.7 | 571.7 | 539.6 | 514.2 |
| 30° | 1056.1 | 967.1 | 880.6 | 808.5 | 745.7 | 692.6 | 639.5 | 595.2 | 554.0 | 519.9 | 496.2 |
| 32.5° | 1058.1 | 957.9 | 863.4 | 786.8 | 722.5 | 669.9 | 621.8 | 579.4 | 537.2 | 503.7 | 479.5 |
| 35° | 1049.9 | 952.8 | 837.2 | 749.2 | 684.9 | 633.9 | 590.5 | 551.5 | 510.0 | 477.4 | 452.8 |
| 37.5° | 1014.4 | 932.5 | 810.1 | 706.8 | 639.5 | 592.4 | 557.0 | 523.0 | 484.9 | 449.9 | 426.6 |
| 40° | 978.7 | 912.5 | 789.1 | 681.1 | 610.8 | 562.4 | 530.5 | 502.8 | 465.9 | 433.1 | 408.1 |
| 42.5° | 925.4 | 885.3 | 769.2 | 654.1 | 578.3 | 531.7 | 504.8 | 478.7 | 446.5 | 413.1 | 389.6 |
| 45° | 827.9 | 833.2 | 728.2 | 611.1 | 533.4 | 486.5 | 461.2 | 443.1 | 414.4 | 386.9 | 362.9 |
| 47.5° | 705.4 | 755.0 | 680.2 | 565.3 | 486.0 | 442.0 | 419.9 | 404.1 | 384.7 | 357.8 | 335.8 |
| 50° | 625.5 | 696.3 | 641.7 | 534.6 | 456.2 | 412.5 | 390.7 | 377.9 | 361.0 | 339.7 | 318.9 |
| 52.5° | 551.8 | 627.9 | 595.3 | 500.3 | 424.0 | 384.0 | 362.6 | 352.1 | 338.8 | 318.8 | 299.9 |
| 55° | 450.0 | 527.1 | 519.6 | 448.7 | 375.7 | 339.7 | 323.5 | 311.7 | 302.6 | 287.6 | 272.6 |
| 57.5° | 363.9 | 437.1 | 441.0 | 391.3 | 333.0 | 297.6 | 283.6 | 274.7 | 268.7 | 257.5 | 243.6 |
| 60° | 309.8 | 376.9 | 390.0 | 352.5 | 302.6 | 271.3 | 257.6 | 250.5 | 245.7 | 236.7 | 226.1 |
| 62.5° | 264.8 | 322.0 | 336.8 | 309.8 | 273.4 | 244.1 | 233.4 | 226.5 | 223.3 | 215.5 | 206.1 |
| 65° | 202.7 | 250.1 | 264.5 | 249.5 | 230.5 | 207.0 | 198.3 | 192.3 | 189.6 | 185.2 | 178.3 |
| 67.5° | 152.4 | 187.0 | 202.8 | 192.2 | 185.3 | 170.5 | 164.9 | 161.8 | 159.2 | 156.3 | 150.5 |
| 70° | 122.4 | 148.1 | 164.3 | 161.4 | 155.8 | 148.1 | 144.0 | 141.8 | 139.3 | 136.8 | 131.8 |
| 72.5° | 98.4 | 116.0 | 131.3 | 132.7 | 128.1 | 126.5 | 122.9 | 122.1 | 120.5 | 117.6 | 114.8 |
| 75° | 65.3 | 77.5 | 88.1 | 92.1 | 94.0 | 95.6 | 94.0 | 93.7 | 93.4 | 90.9 | 89.3 |
| 77.5° | 42.8 | 49.3 | 56.0 | 62.9 | 65.9 | 68.0 | 68.5 | 69.6 | 68.8 | 67.5 | 66.8 |
| 80° | 32.8 | 34.3 | 39.1 | 45.0 | 49.7 | 51.5 | 52.7 | 53.4 | 53.1 | 52.7 | 51.5 |
| 82.5° | 23.8 | 25.1 | 27.3 | 31.5 | 35.4 | 38.6 | 39.3 | 39.1 | 39.9 | 40.0 | 39.1 |
| 85° | 12.8 | 13.1 | 13.8 | 14.3 | 16.6 | 20.0 | 21.0 | 21.5 | 22.2 | 22.2 | 20.3 |
| 87.5° | 5.1 | 4.6 | 5.0 | 4.8 | 5.5 | 5.5 | 6.9 | 8.1 | 8.4 | 7.6 | 7.7 |
| 90° | 5.2 | 4.4 | 3.6 | 2.9 | 2.2 | 1.5 | 0.9 | 0.3 | 0.9 | 1.5 | 2.2 |
| 92.5° | 10.1 | 9.6 | 9.1 | 8.7 | 8.3 | 7.8 | 7.4 | 7.0 | 7.4 | 7.8 | 8.3 |
| 95° | 20.3 | 19.8 | 19.2 | 18.8 | 18.3 | 17.9 | 17.4 | 17.0 | 17.4 | 17.9 | 18.3 |
| 97.5° | 32.6 | 32.3 | 31.9 | 31.6 | 31.2 | 30.9 | 30.5 | 30.2 | 30.5 | 30.9 | 31.2 |
| 100° | 41.7 | 41.4 | 41.1 | 40.7 | 40.4 | 39.9 | 39.5 | 39.2 | 39.5 | 39.9 | 40.4 |
| 102.5° | 51.7 | 51.2 | 50.8 | 50.5 | 50.2 | 50.0 | 49.8 | 49.6 | 49.8 | 50.0 | 50.2 |
| 105° | 66.9 | 66.3 | 65.7 | 65.3 | 65.2 | 65.1 | 65.0 | 64.8 | 65.0 | 65.1 | 65.2 |
| 107.5° | 83.5 | 83.2 | 83.0 | 82.9 | 82.8 | 82.8 | 82.7 | 82.6 | 82.7 | 82.8 | 82.8 |
| 110° | 94.6 | 94.4 | 94.2 | 94.2 | 94.0 | 93.9 | 93.8 | 93.7 | 93.8 | 93.9 | 94.0 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 105.6 | 105.6 | 105.5 | 105.5 | 105.4 | 105.3 | 105.3 | 105.2 | 105.3 | 105.3 | 105.4 |
| 115° | 123.0 | 123.1 | 123.3 | 123.2 | 123.0 | 122.9 | 122.6 | 122.5 | 122.6 | 122.9 | 123.0 |
| 117.5° | 140.0 | 140.1 | 140.3 | 140.4 | 140.2 | 140.1 | 140.0 | 139.8 | 140.0 | 140.1 | 140.2 |
| 120° | 151.6 | 152.0 | 152.2 | 152.2 | 151.8 | 151.5 | 151.1 | 150.7 | 151.1 | 151.5 | 151.8 |
| 122.5° | 162.8 | 163.0 | 163.1 | 163.1 | 162.8 | 162.6 | 162.2 | 162.0 | 162.2 | 162.6 | 162.8 |
| 125° | 179.8 | 179.9 | 180.0 | 180.0 | 179.8 | 179.6 | 179.4 | 179.2 | 179.4 | 179.6 | 179.8 |
| 127.5° | 196.6 | 196.7 | 196.9 | 196.7 | 196.3 | 195.9 | 195.5 | 195.1 | 195.5 | 195.9 | 196.3 |
| 130° | 207.6 | 207.7 | 207.9 | 207.7 | 207.2 | 206.8 | 206.2 | 205.7 | 206.2 | 206.8 | 207.2 |
| 132.5° | 218.3 | 218.4 | 218.6 | 218.3 | 217.8 | 217.4 | 216.9 | 216.3 | 216.9 | 217.4 | 217.8 |
| 135° | 234.1 | 234.2 | 234.2 | 234.1 | 233.7 | 233.3 | 232.9 | 232.5 | 232.9 | 233.3 | 233.7 |
| 137.5° | 249.3 | 249.2 | 249.0 | 248.7 | 248.4 | 248.1 | 247.9 | 247.5 | 247.9 | 248.1 | 248.4 |
| 140° | 259.4 | 259.4 | 259.3 | 259.2 | 258.9 | 258.5 | 258.2 | 257.9 | 258.2 | 258.5 | 258.9 |
| 142.5° | 269.0 | 269.0 | 268.8 | 268.6 | 268.3 | 268.0 | 267.7 | 267.3 | 267.7 | 268.0 | 268.3 |
| 145° | 283.2 | 282.9 | 282.7 | 282.6 | 282.4 | 282.3 | 282.2 | 282.1 | 282.2 | 282.3 | 282.4 |
| 147.5° | 296.4 | 296.3 | 296.1 | 295.9 | 295.7 | 295.5 | 295.2 | 295.0 | 295.2 | 295.5 | 295.7 |
| 150° | 304.8 | 304.8 | 304.6 | 304.5 | 304.4 | 304.2 | 304.1 | 303.9 | 304.1 | 304.2 | 304.4 |
| 152.5° | 312.3 | 312.3 | 312.2 | 312.1 | 311.9 | 311.7 | 311.5 | 311.4 | 311.5 | 311.7 | 311.9 |
| 155° | 323.1 | 323.1 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 |
| 157.5° | 332.6 | 332.6 | 332.6 | 332.6 | 332.6 | 332.7 | 332.8 | 332.9 | 332.8 | 332.7 | 332.6 |
| 160° | 338.5 | 338.5 | 338.5 | 338.6 | 338.8 | 338.8 | 339.0 | 339.1 | 339.0 | 338.8 | 338.8 |
| 162.5° | 344.0 | 343.9 | 343.9 | 343.9 | 344.1 | 344.3 | 344.5 | 344.6 | 344.5 | 344.3 | 344.1 |
| 165° | 350.9 | 350.9 | 350.9 | 351.0 | 351.2 | 351.4 | 351.6 | 351.8 | 351.6 | 351.4 | 351.2 |
| 167.5° | 356.4 | 356.4 | 356.4 | 356.4 | 356.7 | 357.0 | 357.3 | 357.5 | 357.3 | 357.0 | 356.7 |
| 170° | 359.5 | 359.5 | 359.5 | 359.7 | 360.0 | 360.2 | 360.4 | 360.7 | 360.4 | 360.2 | 360.0 |
| 172.5° | 362.1 | 362.1 | 362.1 | 362.2 | 362.5 | 362.7 | 363.0 | 363.3 | 363.0 | 362.7 | 362.5 |
| 175° | 364.8 | 364.8 | 364.8 | 364.9 | 365.2 | 365.4 | 365.7 | 365.9 | 365.7 | 365.4 | 365.2 |
| 177.5° | 366.1 | 366.1 | 366.1 | 366.2 | 366.4 | 366.6 | 366.8 | 367.0 | 366.8 | 366.6 | 366.4 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 717.0 | 713.7 | 711.5 | 706.5 | 703.3 | 699.8 | 696.3 | 698.5 | 698.2 | 698.0 | 698.0 |
| 5° | 692.9 | 685.7 | 679.2 | 670.7 | 665.4 | 658.9 | 653.9 | 653.3 | 654.5 | 650.1 | 647.7 |
| 7.5° | 669.1 | 659.3 | 650.0 | 640.7 | 630.8 | 622.9 | 618.0 | 615.7 | 612.5 | 609.8 | 607.0 |
| 10° | 652.3 | 640.8 | 631.7 | 620.2 | 609.6 | 600.2 | 594.3 | 590.2 | 588.0 | 585.8 | 581.8 |
| 12.5° | 635.1 | 623.8 | 612.2 | 599.2 | 589.1 | 578.2 | 573.8 | 569.2 | 565.0 | 562.6 | 557.0 |
| 15° | 609.8 | 595.2 | 583.0 | 569.2 | 558.1 | 547.4 | 541.2 | 532.1 | 530.8 | 527.7 | 522.1 |
| 17.5° | 584.6 | 568.7 | 551.9 | 541.7 | 529.0 | 518.0 | 508.4 | 505.4 | 496.4 | 493.1 | 488.2 |
| 20° | 564.6 | 549.9 | 537.1 | 523.7 | 505.2 | 495.0 | 487.5 | 483.4 | 476.2 | 471.8 | 468.7 |
| 22.5° | 547.4 | 532.4 | 517.6 | 502.0 | 486.7 | 475.2 | 469.7 | 463.4 | 459.5 | 453.4 | 450.0 |
| 25° | 522.8 | 506.5 | 488.7 | 471.8 | 460.9 | 452.2 | 443.4 | 437.8 | 432.2 | 429.3 | 423.1 |
| 27.5° | 494.2 | 477.2 | 460.6 | 447.8 | 434.3 | 425.7 | 417.8 | 412.8 | 406.0 | 401.3 | 397.9 |
| 30° | 478.4 | 458.4 | 444.1 | 432.5 | 415.3 | 407.2 | 401.3 | 395.0 | 390.0 | 385.1 | 381.6 |
| 32.5° | 460.2 | 441.9 | 428.3 | 414.0 | 400.8 | 392.0 | 384.3 | 378.8 | 374.5 | 369.8 | 366.4 |
| 35° | 431.5 | 416.3 | 402.2 | 387.8 | 378.1 | 369.1 | 360.0 | 355.4 | 351.3 | 346.9 | 343.8 |
| 37.5° | 405.7 | 391.4 | 378.1 | 364.4 | 352.5 | 345.0 | 337.8 | 334.2 | 328.7 | 325.8 | 322.6 |
| 40° | 389.7 | 375.7 | 361.3 | 348.2 | 335.7 | 330.1 | 323.5 | 318.2 | 313.2 | 311.0 | 307.6 |
| 42.5° | 372.3 | 358.2 | 346.1 | 331.9 | 321.7 | 314.1 | 308.0 | 302.2 | 298.5 | 295.3 | 293.3 |
| 45° | 346.3 | 333.8 | 322.0 | 307.9 | 298.2 | 291.6 | 284.8 | 279.5 | 276.1 | 273.9 | 270.4 |
| 47.5° | 321.1 | 308.7 | 296.6 | 284.4 | 275.0 | 267.5 | 260.7 | 256.9 | 252.4 | 249.7 | 247.4 |
| 50° | 302.9 | 291.6 | 278.8 | 267.6 | 258.3 | 250.8 | 245.2 | 240.4 | 236.4 | 232.9 | 231.4 |
| 52.5° | 286.2 | 274.2 | 263.1 | 252.7 | 242.8 | 234.2 | 229.2 | 224.2 | 221.2 | 217.2 | 215.4 |
| 55° | 258.5 | 247.0 | 237.7 | 227.3 | 217.7 | 210.5 | 204.2 | 199.8 | 196.7 | 192.3 | 189.9 |
| 57.5° | 232.6 | 222.3 | 211.1 | 202.2 | 192.2 | 186.1 | 180.9 | 175.0 | 171.2 | 167.8 | 165.3 |
| 60° | 215.2 | 203.3 | 193.6 | 185.2 | 176.4 | 168.6 | 164.0 | 159.2 | 155.2 | 151.7 | 149.6 |
| 62.5° | 196.9 | 186.5 | 177.4 | 168.2 | 160.2 | 153.4 | 148.0 | 144.0 | 140.5 | 138.3 | 136.1 |
| 65° | 168.9 | 160.9 | 151.5 | 144.0 | 136.5 | 131.5 | 127.1 | 123.7 | 121.2 | 119.6 | 117.7 |
| 67.5° | 143.2 | 135.3 | 127.2 | 119.8 | 114.8 | 111.0 | 108.1 | 105.2 | 104.0 | 101.9 | 100.7 |
| 70° | 126.5 | 118.4 | 111.2 | 105.6 | 100.5 | 97.8 | 95.9 | 93.7 | 92.5 | 89.9 | 88.7 |
| 72.5° | 108.3 | 102.4 | 97.2 | 92.5 | 88.5 | 86.0 | 83.6 | 81.0 | 78.9 | 76.2 | 74.9 |
| 75° | 85.3 | 80.0 | 75.9 | 72.7 | 70.3 | 66.9 | 63.4 | 60.6 | 59.7 | 58.7 | 58.4 |
| 77.5° | 63.1 | 59.8 | 56.8 | 54.2 | 51.1 | 48.6 | 47.9 | 47.2 | 47.0 | 46.6 | 46.6 |
| 80° | 49.7 | 46.6 | 44.4 | 41.3 | 39.4 | 39.4 | 39.4 | 38.7 | 39.1 | 39.1 | 39.1 |
| 82.5° | 36.9 | 34.0 | 32.9 | 31.7 | 31.4 | 31.6 | 31.6 | 31.7 | 31.6 | 32.0 | 31.8 |
| 85° | 19.1 | 19.3 | 20.0 | 19.6 | 20.0 | 20.0 | 20.6 | 20.3 | 20.6 | 20.0 | 20.6 |
| 87.5° | 7.6 | 8.5 | 8.9 | 9.3 | 9.7 | 9.6 | 9.9 | 9.9 | 10.3 | 10.4 | 10.4 |
| 90° | 2.9 | 3.6 | 4.4 | 5.2 | 6.1 | 6.9 | 7.2 | 7.4 | 7.7 | 7.9 | 8.2 |
| 92.5° | 8.7 | 9.1 | 9.6 | 10.1 | 10.6 | 11.1 | 11.3 | 11.5 | 11.7 | 11.9 | 12.0 |
| 95° | 18.8 | 19.2 | 19.8 | 20.3 | 20.8 | 21.4 | 21.6 | 21.9 | 22.1 | 22.3 | 22.5 |
| 97.5° | 31.6 | 31.9 | 32.3 | 32.6 | 33.0 | 33.3 | 33.7 | 33.9 | 34.2 | 34.6 | 34.7 |
| 100° | 40.7 | 41.1 | 41.4 | 41.7 | 42.1 | 42.3 | 42.6 | 42.7 | 43.0 | 43.1 | 43.3 |
| 102.5° | 50.5 | 50.8 | 51.2 | 51.7 | 52.1 | 52.5 | 52.7 | 52.9 | 53.1 | 53.2 | 53.3 |
| 105° | 65.3 | 65.7 | 66.3 | 66.9 | 67.4 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 |
| 107.5° | 82.9 | 83.0 | 83.2 | 83.5 | 83.7 | 84.0 | 84.1 | 84.4 | 84.5 | 84.8 | 84.9 |
| 110° | 94.2 | 94.2 | 94.4 | 94.6 | 94.7 | 94.8 | 95.1 | 95.3 | 95.6 | 95.8 | 95.9 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 105.5 | 105.5 | 105.6 | 105.6 | 105.6 | 105.7 | 105.9 | 106.2 | 106.6 | 106.9 | 107.0 |
| 115° | 123.2 | 123.3 | 123.1 | 123.0 | 122.9 | 122.7 | 122.8 | 122.9 | 122.9 | 123.0 | 123.0 |
| 117.5° | 140.4 | 140.3 | 140.1 | 140.0 | 139.8 | 139.7 | 139.7 | 139.7 | 139.7 | 139.7 | 139.5 |
| 120° | 152.2 | 152.2 | 152.0 | 151.6 | 151.3 | 151.0 | 150.9 | 150.8 | 150.7 | 150.7 | 150.6 |
| 122.5° | 163.1 | 163.1 | 163.0 | 162.8 | 162.7 | 162.5 | 162.3 | 162.2 | 162.0 | 161.8 | 161.7 |
| 125° | 180.0 | 180.0 | 179.9 | 179.8 | 179.6 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 | 178.2 |
| 127.5° | 196.7 | 196.9 | 196.7 | 196.6 | 196.5 | 196.3 | 196.0 | 195.6 | 195.3 | 194.9 | 194.5 |
| 130° | 207.7 | 207.9 | 207.7 | 207.6 | 207.3 | 207.2 | 206.9 | 206.7 | 206.4 | 206.1 | 205.8 |
| 132.5° | 218.3 | 218.6 | 218.4 | 218.3 | 218.1 | 218.0 | 217.7 | 217.4 | 217.0 | 216.8 | 216.5 |
| 135° | 234.1 | 234.2 | 234.2 | 234.1 | 234.0 | 234.0 | 233.7 | 233.4 | 233.2 | 232.9 | 232.8 |
| 137.5° | 248.7 | 249.0 | 249.2 | 249.3 | 249.5 | 249.6 | 249.4 | 249.2 | 248.9 | 248.6 | 248.3 |
| 140° | 259.2 | 259.3 | 259.4 | 259.4 | 259.5 | 259.6 | 259.5 | 259.4 | 259.4 | 259.3 | 259.1 |
| 142.5° | 268.6 | 268.8 | 269.0 | 269.0 | 269.1 | 269.3 | 269.2 | 269.1 | 269.0 | 269.0 | 268.8 |
| 145° | 282.6 | 282.7 | 282.9 | 283.2 | 283.3 | 283.5 | 283.5 | 283.4 | 283.3 | 283.2 | 283.1 |
| 147.5° | 295.9 | 296.1 | 296.3 | 296.4 | 296.6 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.6 |
| 150° | 304.5 | 304.6 | 304.8 | 304.8 | 305.0 | 305.1 | 305.1 | 305.1 | 305.1 | 305.1 | 304.9 |
| 152.5° | 312.1 | 312.2 | 312.3 | 312.3 | 312.4 | 312.5 | 312.6 | 312.7 | 312.8 | 312.9 | 312.7 |
| 155° | 323.0 | 323.0 | 323.1 | 323.1 | 323.2 | 323.3 | 323.5 | 323.8 | 324.0 | 324.3 | 324.2 |
| 157.5° | 332.6 | 332.6 | 332.6 | 332.6 | 332.7 | 332.8 | 333.0 | 333.3 | 333.6 | 333.9 | 333.8 |
| 160° | 338.6 | 338.5 | 338.5 | 338.5 | 338.5 | 338.5 | 338.8 | 339.2 | 339.5 | 339.8 | 339.8 |
| 162.5° | 343.9 | 343.9 | 343.9 | 344.0 | 344.1 | 344.1 | 344.4 | 344.7 | 345.0 | 345.4 | 345.3 |
| 165° | 351.0 | 350.9 | 350.9 | 350.9 | 350.9 | 350.9 | 351.3 | 351.7 | 352.0 | 352.5 | 352.5 |
| 167.5° | 356.4 | 356.4 | 356.4 | 356.4 | 356.5 | 356.6 | 356.9 | 357.3 | 357.8 | 358.2 | 358.2 |
| 170° | 359.7 | 359.5 | 359.5 | 359.5 | 359.5 | 359.5 | 360.0 | 360.4 | 360.9 | 361.3 | 361.3 |
| 172.5° | 362.2 | 362.1 | 362.1 | 362.1 | 362.1 | 362.1 | 362.5 | 362.9 | 363.3 | 363.7 | 363.7 |
| 175° | 364.9 | 364.8 | 364.8 | 364.8 | 364.8 | 364.8 | 365.2 | 365.5 | 365.9 | 366.3 | 366.2 |
| 177.5° | 366.2 | 366.1 | 366.1 | 366.1 | 366.1 | 366.1 | 366.4 | 366.7 | 367.0 | 367.3 | 367.3 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 695.0 | 694.7 | 695.0 | 694.0 | 695.0 | 694.7 | 695.0 | 698.0 | 698.0 | 698.2 | 698.5 |
| 5° | 646.7 | 646.4 | 645.5 | 642.7 | 645.5 | 646.4 | 646.7 | 647.7 | 650.1 | 654.5 | 653.3 |
| 7.5° | 604.5 | 604.1 | 601.4 | 601.4 | 601.4 | 604.1 | 604.5 | 607.0 | 609.8 | 612.5 | 615.7 |
| 10° | 579.6 | 579.9 | 576.2 | 574.0 | 576.2 | 579.9 | 579.6 | 581.8 | 585.8 | 588.0 | 590.2 |
| 12.5° | 555.4 | 553.9 | 550.9 | 548.5 | 550.9 | 553.9 | 555.4 | 557.0 | 562.6 | 565.0 | 569.2 |
| 15° | 523.3 | 520.2 | 512.7 | 513.4 | 512.7 | 520.2 | 523.3 | 522.1 | 527.7 | 530.8 | 532.1 |
| 17.5° | 485.7 | 483.4 | 483.3 | 478.9 | 483.3 | 483.4 | 485.7 | 488.2 | 493.1 | 496.4 | 505.4 |
| 20° | 463.7 | 462.2 | 462.8 | 458.4 | 462.8 | 462.2 | 463.7 | 468.7 | 471.8 | 476.2 | 483.4 |
| 22.5° | 446.5 | 444.9 | 442.3 | 440.9 | 442.3 | 444.9 | 446.5 | 450.0 | 453.4 | 459.5 | 463.4 |
| 25° | 421.3 | 418.7 | 416.3 | 417.8 | 416.3 | 418.7 | 421.3 | 423.1 | 429.3 | 432.2 | 437.8 |
| 27.5° | 396.0 | 394.1 | 391.7 | 391.3 | 391.7 | 394.1 | 396.0 | 397.9 | 401.3 | 406.0 | 412.8 |
| 30° | 380.0 | 378.1 | 376.9 | 375.4 | 376.9 | 378.1 | 380.0 | 381.6 | 385.1 | 390.0 | 395.0 |
| 32.5° | 363.8 | 363.5 | 361.2 | 360.9 | 361.2 | 363.5 | 363.8 | 366.4 | 369.8 | 374.5 | 378.8 |
| 35° | 342.6 | 340.7 | 340.1 | 340.4 | 340.1 | 340.7 | 342.6 | 343.8 | 346.9 | 351.3 | 355.4 |
| 37.5° | 322.4 | 319.9 | 318.8 | 317.6 | 318.8 | 319.9 | 322.4 | 322.6 | 325.8 | 328.7 | 334.2 |
| 40° | 307.9 | 305.4 | 304.8 | 304.2 | 304.8 | 305.4 | 307.9 | 307.6 | 311.0 | 313.2 | 318.2 |
| 42.5° | 291.6 | 290.7 | 290.3 | 289.2 | 290.3 | 290.7 | 291.6 | 293.3 | 295.3 | 298.5 | 302.2 |
| 45° | 269.5 | 269.2 | 267.3 | 267.9 | 267.3 | 269.2 | 269.5 | 270.4 | 273.9 | 276.1 | 279.5 |
| 47.5° | 246.1 | 244.8 | 243.4 | 244.3 | 243.4 | 244.8 | 246.1 | 247.4 | 249.7 | 252.4 | 256.9 |
| 50° | 230.2 | 229.5 | 226.7 | 227.3 | 226.7 | 229.5 | 230.2 | 231.4 | 232.9 | 236.4 | 240.4 |
| 52.5° | 214.2 | 211.8 | 210.8 | 210.3 | 210.8 | 211.8 | 214.2 | 215.4 | 217.2 | 221.2 | 224.2 |
| 55° | 187.7 | 184.8 | 183.6 | 183.0 | 183.6 | 184.8 | 187.7 | 189.9 | 192.3 | 196.7 | 199.8 |
| 57.5° | 161.7 | 160.9 | 160.0 | 160.6 | 160.0 | 160.9 | 161.7 | 165.3 | 167.8 | 171.2 | 175.0 |
| 60° | 146.4 | 146.4 | 146.4 | 146.2 | 146.4 | 146.4 | 146.4 | 149.6 | 151.7 | 155.2 | 159.2 |
| 62.5° | 134.7 | 134.0 | 133.7 | 134.1 | 133.7 | 134.0 | 134.7 | 136.1 | 138.3 | 140.5 | 144.0 |
| 65° | 116.8 | 116.5 | 115.2 | 115.0 | 115.2 | 116.5 | 116.8 | 117.7 | 119.6 | 121.2 | 123.7 |
| 67.5° | 99.9 | 98.7 | 98.4 | 97.9 | 98.4 | 98.7 | 99.9 | 100.7 | 101.9 | 104.0 | 105.2 |
| 70° | 87.2 | 86.5 | 84.6 | 85.0 | 84.6 | 86.5 | 87.2 | 88.7 | 89.9 | 92.5 | 93.7 |
| 72.5° | 73.4 | 72.7 | 72.4 | 71.9 | 72.4 | 72.7 | 73.4 | 74.9 | 76.2 | 78.9 | 81.0 |
| 75° | 58.0 | 57.8 | 57.5 | 58.7 | 57.5 | 57.8 | 58.0 | 58.4 | 58.7 | 59.7 | 60.6 |
| 77.5° | 46.6 | 46.6 | 46.7 | 46.2 | 46.7 | 46.6 | 46.6 | 46.6 | 46.6 | 47.0 | 47.2 |
| 80° | 39.1 | 39.1 | 38.7 | 38.7 | 38.7 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 38.7 |
| 82.5° | 31.3 | 31.6 | 31.7 | 31.2 | 31.7 | 31.6 | 31.3 | 31.8 | 32.0 | 31.6 | 31.7 |
| 85° | 20.6 | 20.3 | 21.0 | 20.6 | 21.0 | 20.3 | 20.6 | 20.6 | 20.0 | 20.6 | 20.3 |
| 87.5° | 10.9 | 10.4 | 10.4 | 10.8 | 10.4 | 10.4 | 10.9 | 10.4 | 10.4 | 10.3 | 9.9 |
| 90° | 8.2 | 8.4 | 8.5 | 8.6 | 8.5 | 8.4 | 8.2 | 8.2 | 7.9 | 7.7 | 7.4 |
| 92.5° | 11.9 | 11.8 | 11.7 | 11.7 | 11.7 | 11.8 | 11.9 | 12.0 | 11.9 | 11.7 | 11.5 |
| 95° | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 | 22.3 | 22.1 | 21.9 |
| 97.5° | 34.7 | 34.7 | 34.6 | 34.6 | 34.6 | 34.7 | 34.7 | 34.7 | 34.6 | 34.2 | 33.9 |
| 100° | 43.4 | 43.5 | 43.7 | 43.8 | 43.7 | 43.5 | 43.4 | 43.3 | 43.1 | 43.0 | 42.7 |
| 102.5° | 53.3 | 53.3 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.2 | 53.1 | 52.9 |
| 105° | 68.2 | 68.3 | 68.5 | 68.6 | 68.5 | 68.3 | 68.2 | 68.1 | 68.0 | 68.0 | 68.0 |
| 107.5° | 84.8 | 84.7 | 84.6 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 84.8 | 84.5 | 84.4 |
| 110° | 95.7 | 95.6 | 95.5 | 95.4 | 95.5 | 95.6 | 95.7 | 95.9 | 95.8 | 95.6 | 95.3 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 107.0 | 107.0 | 106.9 | 106.9 | 106.9 | 107.0 | 107.0 | 107.0 | 106.9 | 106.6 | 106.2 |
| 115° | 122.9 | 122.9 | 122.8 | 122.7 | 122.8 | 122.9 | 122.9 | 123.0 | 123.0 | 122.9 | 122.9 |
| 117.5° | 139.3 | 139.2 | 139.0 | 138.8 | 139.0 | 139.2 | 139.3 | 139.5 | 139.7 | 139.7 | 139.7 |
| 120° | 150.5 | 150.3 | 150.3 | 150.1 | 150.3 | 150.3 | 150.5 | 150.6 | 150.7 | 150.7 | 150.8 |
| 122.5° | 161.5 | 161.3 | 161.1 | 160.9 | 161.1 | 161.3 | 161.5 | 161.7 | 161.8 | 162.0 | 162.2 |
| 125° | 178.0 | 177.7 | 177.4 | 177.2 | 177.4 | 177.7 | 178.0 | 178.2 | 178.5 | 178.7 | 179.0 |
| 127.5° | 194.3 | 194.0 | 193.7 | 193.4 | 193.7 | 194.0 | 194.3 | 194.5 | 194.9 | 195.3 | 195.6 |
| 130° | 205.4 | 204.9 | 204.5 | 204.0 | 204.5 | 204.9 | 205.4 | 205.8 | 206.1 | 206.4 | 206.7 |
| 132.5° | 216.1 | 215.7 | 215.4 | 215.1 | 215.4 | 215.7 | 216.1 | 216.5 | 216.8 | 217.0 | 217.4 |
| 135° | 232.6 | 232.4 | 232.4 | 232.2 | 232.4 | 232.4 | 232.6 | 232.8 | 232.9 | 233.2 | 233.4 |
| 137.5° | 248.1 | 247.9 | 247.6 | 247.4 | 247.6 | 247.9 | 248.1 | 248.3 | 248.6 | 248.9 | 249.2 |
| 140° | 258.6 | 258.2 | 257.7 | 257.3 | 257.7 | 258.2 | 258.6 | 259.1 | 259.3 | 259.4 | 259.4 |
| 142.5° | 268.5 | 268.2 | 267.7 | 267.4 | 267.7 | 268.2 | 268.5 | 268.8 | 269.0 | 269.0 | 269.1 |
| 145° | 282.8 | 282.6 | 282.3 | 282.1 | 282.3 | 282.6 | 282.8 | 283.1 | 283.2 | 283.3 | 283.4 |
| 147.5° | 296.3 | 295.9 | 295.5 | 295.1 | 295.5 | 295.9 | 296.3 | 296.6 | 296.9 | 296.9 | 296.9 |
| 150° | 304.5 | 304.2 | 303.8 | 303.4 | 303.8 | 304.2 | 304.5 | 304.9 | 305.1 | 305.1 | 305.1 |
| 152.5° | 312.4 | 312.1 | 311.8 | 311.4 | 311.8 | 312.1 | 312.4 | 312.7 | 312.9 | 312.8 | 312.7 |
| 155° | 323.8 | 323.3 | 322.9 | 322.4 | 322.9 | 323.3 | 323.8 | 324.2 | 324.3 | 324.0 | 323.8 |
| 157.5° | 333.5 | 333.1 | 332.7 | 332.4 | 332.7 | 333.1 | 333.5 | 333.8 | 333.9 | 333.6 | 333.3 |
| 160° | 339.6 | 339.3 | 339.1 | 338.8 | 339.1 | 339.3 | 339.6 | 339.8 | 339.8 | 339.5 | 339.2 |
| 162.5° | 344.9 | 344.5 | 344.1 | 343.6 | 344.1 | 344.5 | 344.9 | 345.3 | 345.4 | 345.0 | 344.7 |
| 165° | 352.0 | 351.6 | 351.1 | 350.7 | 351.1 | 351.6 | 352.0 | 352.5 | 352.5 | 352.0 | 351.7 |
| 167.5° | 357.8 | 357.3 | 356.9 | 356.6 | 356.9 | 357.3 | 357.8 | 358.2 | 358.2 | 357.8 | 357.3 |
| 170° | 360.9 | 360.4 | 360.0 | 359.5 | 360.0 | 360.4 | 360.9 | 361.3 | 361.3 | 360.9 | 360.4 |
| 172.5° | 363.2 | 362.8 | 362.3 | 361.9 | 362.3 | 362.8 | 363.2 | 363.7 | 363.7 | 363.3 | 362.9 |
| 175° | 365.8 | 365.3 | 364.9 | 364.4 | 364.9 | 365.3 | 365.8 | 366.2 | 366.3 | 365.9 | 365.5 |
| 177.5° | 367.0 | 366.6 | 366.2 | 365.8 | 366.2 | 366.6 | 367.0 | 367.3 | 367.3 | 367.0 | 366.7 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 696.3 | 699.8 | 703.3 | 706.5 | 711.5 | 713.7 | 717.0 | 718.2 | 721.9 | 727.5 | 732.0 |
| 5° | 653.9 | 658.9 | 665.4 | 670.7 | 679.2 | 685.7 | 692.9 | 699.8 | 707.9 | 719.5 | 729.8 |
| 7.5° | 618.0 | 622.9 | 630.8 | 640.7 | 650.0 | 659.3 | 669.1 | 678.4 | 690.1 | 706.6 | 723.0 |
| 10° | 594.3 | 600.2 | 609.6 | 620.2 | 631.7 | 640.8 | 652.3 | 664.2 | 678.6 | 697.7 | 717.3 |
| 12.5° | 573.8 | 578.2 | 589.1 | 599.2 | 612.2 | 623.8 | 635.1 | 649.0 | 665.4 | 685.7 | 709.3 |
| 15° | 541.2 | 547.4 | 558.1 | 569.2 | 583.0 | 595.2 | 609.8 | 626.7 | 642.7 | 667.6 | 696.3 |
| 17.5° | 508.4 | 518.0 | 529.0 | 541.7 | 551.9 | 568.7 | 584.6 | 601.9 | 621.5 | 648.0 | 679.5 |
| 20° | 487.5 | 495.0 | 505.2 | 523.7 | 537.1 | 549.9 | 564.6 | 586.1 | 604.2 | 634.2 | 667.0 |
| 22.5° | 469.7 | 475.2 | 486.7 | 502.0 | 517.6 | 532.4 | 547.4 | 567.9 | 590.3 | 618.7 | 654.3 |
| 25° | 443.4 | 452.2 | 460.9 | 471.8 | 488.7 | 506.5 | 522.8 | 540.2 | 563.9 | 594.3 | 632.7 |
| 27.5° | 417.8 | 425.7 | 434.3 | 447.8 | 460.6 | 477.2 | 494.2 | 514.2 | 539.6 | 571.7 | 610.7 |
| 30° | 401.3 | 407.2 | 415.3 | 432.5 | 444.1 | 458.4 | 478.4 | 496.2 | 519.9 | 554.0 | 595.2 |
| 32.5° | 384.3 | 392.0 | 400.8 | 414.0 | 428.3 | 441.9 | 460.2 | 479.5 | 503.7 | 537.2 | 579.4 |
| 35° | 360.0 | 369.1 | 378.1 | 387.8 | 402.2 | 416.3 | 431.5 | 452.8 | 477.4 | 510.0 | 551.5 |
| 37.5° | 337.8 | 345.0 | 352.5 | 364.4 | 378.1 | 391.4 | 405.7 | 426.6 | 449.9 | 484.9 | 523.0 |
| 40° | 323.5 | 330.1 | 335.7 | 348.2 | 361.3 | 375.7 | 389.7 | 408.1 | 433.1 | 465.9 | 502.8 |
| 42.5° | 308.0 | 314.1 | 321.7 | 331.9 | 346.1 | 358.2 | 372.3 | 389.6 | 413.1 | 446.5 | 478.7 |
| 45° | 284.8 | 291.6 | 298.2 | 307.9 | 322.0 | 333.8 | 346.3 | 362.9 | 386.9 | 414.4 | 443.1 |
| 47.5° | 260.7 | 267.5 | 275.0 | 284.4 | 296.6 | 308.7 | 321.1 | 335.8 | 357.8 | 384.7 | 404.1 |
| 50° | 245.2 | 250.8 | 258.3 | 267.6 | 278.8 | 291.6 | 302.9 | 318.9 | 339.7 | 361.0 | 377.9 |
| 52.5° | 229.2 | 234.2 | 242.8 | 252.7 | 263.1 | 274.2 | 286.2 | 299.9 | 318.8 | 338.8 | 352.1 |
| 55° | 204.2 | 210.5 | 217.7 | 227.3 | 237.7 | 247.0 | 258.5 | 272.6 | 287.6 | 302.6 | 311.7 |
| 57.5° | 180.9 | 186.1 | 192.2 | 202.2 | 211.1 | 222.3 | 232.6 | 243.6 | 257.5 | 268.7 | 274.7 |
| 60° | 164.0 | 168.6 | 176.4 | 185.2 | 193.6 | 203.3 | 215.2 | 226.1 | 236.7 | 245.7 | 250.5 |
| 62.5° | 148.0 | 153.4 | 160.2 | 168.2 | 177.4 | 186.5 | 196.9 | 206.1 | 215.5 | 223.3 | 226.5 |
| 65° | 127.1 | 131.5 | 136.5 | 144.0 | 151.5 | 160.9 | 168.9 | 178.3 | 185.2 | 189.6 | 192.3 |
| 67.5° | 108.1 | 111.0 | 114.8 | 119.8 | 127.2 | 135.3 | 143.2 | 150.5 | 156.3 | 159.2 | 161.8 |
| 70° | 95.9 | 97.8 | 100.5 | 105.6 | 111.2 | 118.4 | 126.5 | 131.8 | 136.8 | 139.3 | 141.8 |
| 72.5° | 83.6 | 86.0 | 88.5 | 92.5 | 97.2 | 102.4 | 108.3 | 114.8 | 117.6 | 120.5 | 122.1 |
| 75° | 63.4 | 66.9 | 70.3 | 72.7 | 75.9 | 80.0 | 85.3 | 89.3 | 90.9 | 93.4 | 93.7 |
| 77.5° | 47.9 | 48.6 | 51.1 | 54.2 | 56.8 | 59.8 | 63.1 | 66.8 | 67.5 | 68.8 | 69.6 |
| 80° | 39.4 | 39.4 | 39.4 | 41.3 | 44.4 | 46.6 | 49.7 | 51.5 | 52.7 | 53.1 | 53.4 |
| 82.5° | 31.6 | 31.6 | 31.4 | 31.7 | 32.9 | 34.0 | 36.9 | 39.1 | 40.0 | 39.9 | 39.1 |
| 85° | 20.6 | 20.0 | 20.0 | 19.6 | 20.0 | 19.3 | 19.1 | 20.3 | 22.2 | 22.2 | 21.5 |
| 87.5° | 9.9 | 9.6 | 9.7 | 9.3 | 8.9 | 8.5 | 7.6 | 7.7 | 7.6 | 8.4 | 8.1 |
| 90° | 7.2 | 6.9 | 6.1 | 5.2 | 4.4 | 3.6 | 2.9 | 2.2 | 1.5 | 0.9 | 0.3 |
| 92.5° | 11.3 | 11.1 | 10.6 | 10.1 | 9.6 | 9.1 | 8.7 | 8.3 | 7.8 | 7.4 | 7.0 |
| 95° | 21.6 | 21.4 | 20.8 | 20.3 | 19.8 | 19.2 | 18.8 | 18.3 | 17.9 | 17.4 | 17.0 |
| 97.5° | 33.7 | 33.3 | 33.0 | 32.6 | 32.3 | 31.9 | 31.6 | 31.2 | 30.9 | 30.5 | 30.2 |
| 100° | 42.6 | 42.3 | 42.1 | 41.7 | 41.4 | 41.1 | 40.7 | 40.4 | 39.9 | 39.5 | 39.2 |
| 102.5° | 52.7 | 52.5 | 52.1 | 51.7 | 51.2 | 50.8 | 50.5 | 50.2 | 50.0 | 49.8 | 49.6 |
| 105° | 68.0 | 68.0 | 67.4 | 66.9 | 66.3 | 65.7 | 65.3 | 65.2 | 65.1 | 65.0 | 64.8 |
| 107.5° | 84.1 | 84.0 | 83.7 | 83.5 | 83.2 | 83.0 | 82.9 | 82.8 | 82.8 | 82.7 | 82.6 |
| 110° | 95.1 | 94.8 | 94.7 | 94.6 | 94.4 | 94.2 | 94.2 | 94.0 | 93.9 | 93.8 | 93.7 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 105.9 | 105.7 | 105.6 | 105.6 | 105.6 | 105.5 | 105.5 | 105.4 | 105.3 | 105.3 | 105.2 |
| 115° | 122.8 | 122.7 | 122.9 | 123.0 | 123.1 | 123.3 | 123.2 | 123.0 | 122.9 | 122.6 | 122.5 |
| 117.5° | 139.7 | 139.7 | 139.8 | 140.0 | 140.1 | 140.3 | 140.4 | 140.2 | 140.1 | 140.0 | 139.8 |
| 120° | 150.9 | 151.0 | 151.3 | 151.6 | 152.0 | 152.2 | 152.2 | 151.8 | 151.5 | 151.1 | 150.7 |
| 122.5° | 162.3 | 162.5 | 162.7 | 162.8 | 163.0 | 163.1 | 163.1 | 162.8 | 162.6 | 162.2 | 162.0 |
| 125° | 179.2 | 179.5 | 179.6 | 179.8 | 179.9 | 180.0 | 180.0 | 179.8 | 179.6 | 179.4 | 179.2 |
| 127.5° | 196.0 | 196.3 | 196.5 | 196.6 | 196.7 | 196.9 | 196.7 | 196.3 | 195.9 | 195.5 | 195.1 |
| 130° | 206.9 | 207.2 | 207.3 | 207.6 | 207.7 | 207.9 | 207.7 | 207.2 | 206.8 | 206.2 | 205.7 |
| 132.5° | 217.7 | 218.0 | 218.1 | 218.3 | 218.4 | 218.6 | 218.3 | 217.8 | 217.4 | 216.9 | 216.3 |
| 135° | 233.7 | 234.0 | 234.0 | 234.1 | 234.2 | 234.2 | 234.1 | 233.7 | 233.3 | 232.9 | 232.5 |
| 137.5° | 249.4 | 249.6 | 249.5 | 249.3 | 249.2 | 249.0 | 248.7 | 248.4 | 248.1 | 247.9 | 247.5 |
| 140° | 259.5 | 259.6 | 259.5 | 259.4 | 259.4 | 259.3 | 259.2 | 258.9 | 258.5 | 258.2 | 257.9 |
| 142.5° | 269.2 | 269.3 | 269.1 | 269.0 | 269.0 | 268.8 | 268.6 | 268.3 | 268.0 | 267.7 | 267.3 |
| 145° | 283.5 | 283.5 | 283.3 | 283.2 | 282.9 | 282.7 | 282.6 | 282.4 | 282.3 | 282.2 | 282.1 |
| 147.5° | 296.9 | 296.9 | 296.6 | 296.4 | 296.3 | 296.1 | 295.9 | 295.7 | 295.5 | 295.2 | 295.0 |
| 150° | 305.1 | 305.1 | 305.0 | 304.8 | 304.8 | 304.6 | 304.5 | 304.4 | 304.2 | 304.1 | 303.9 |
| 152.5° | 312.6 | 312.5 | 312.4 | 312.3 | 312.3 | 312.2 | 312.1 | 311.9 | 311.7 | 311.5 | 311.4 |
| 155° | 323.5 | 323.3 | 323.2 | 323.1 | 323.1 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 |
| 157.5° | 333.0 | 332.8 | 332.7 | 332.6 | 332.6 | 332.6 | 332.6 | 332.6 | 332.7 | 332.8 | 332.9 |
| 160° | 338.8 | 338.5 | 338.5 | 338.5 | 338.5 | 338.5 | 338.6 | 338.8 | 338.8 | 339.0 | 339.1 |
| 162.5° | 344.4 | 344.1 | 344.1 | 344.0 | 343.9 | 343.9 | 343.9 | 344.1 | 344.3 | 344.5 | 344.6 |
| 165° | 351.3 | 350.9 | 350.9 | 350.9 | 350.9 | 350.9 | 351.0 | 351.2 | 351.4 | 351.6 | 351.8 |
| 167.5° | 356.9 | 356.6 | 356.5 | 356.4 | 356.4 | 356.4 | 356.4 | 356.7 | 357.0 | 357.3 | 357.5 |
| 170° | 360.0 | 359.5 | 359.5 | 359.5 | 359.5 | 359.5 | 359.7 | 360.0 | 360.2 | 360.4 | 360.7 |
| 172.5° | 362.5 | 362.1 | 362.1 | 362.1 | 362.1 | 362.1 | 362.2 | 362.5 | 362.7 | 363.0 | 363.3 |
| 175° | 365.2 | 364.8 | 364.8 | 364.8 | 364.8 | 364.8 | 364.9 | 365.2 | 365.4 | 365.7 | 365.9 |
| 177.5° | 366.4 | 366.1 | 366.1 | 366.1 | 366.1 | 366.1 | 366.2 | 366.4 | 366.6 | 366.8 | 367.0 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 733.4 | 736.2 | 739.7 | 744.9 | 748.9 | 752.4 | 753.2 | 754.2 | 756.7 | 760.9 | 764.2 |
| 5° | 738.3 | 745.4 | 756.9 | 768.2 | 780.4 | 790.4 | 799.7 | 806.3 | 812.5 | 825.7 | 836.3 |
| 7.5° | 736.7 | 752.7 | 770.8 | 791.0 | 811.4 | 831.2 | 849.5 | 866.0 | 882.4 | 901.5 | 923.2 |
| 10° | 735.7 | 754.5 | 778.8 | 804.7 | 833.2 | 861.0 | 887.8 | 908.7 | 933.1 | 955.0 | 982.8 |
| 12.5° | 731.0 | 758.0 | 787.1 | 820.2 | 855.2 | 887.2 | 922.5 | 951.5 | 979.3 | 1010.9 | 1043.2 |
| 15° | 724.8 | 757.6 | 794.4 | 838.5 | 891.5 | 930.3 | 966.5 | 1016.8 | 1051.1 | 1085.5 | 1131.7 |
| 17.5° | 713.5 | 753.5 | 799.6 | 856.7 | 901.1 | 953.1 | 1007.5 | 1047.3 | 1093.6 | 1142.0 | 1183.8 |
| 20° | 704.5 | 751.1 | 802.6 | 858.8 | 915.3 | 971.8 | 1024.6 | 1072.0 | 1119.8 | 1175.7 | 1210.1 |
| 22.5° | 695.5 | 741.5 | 795.1 | 854.8 | 915.5 | 975.0 | 1034.8 | 1090.5 | 1144.3 | 1200.7 | 1244.6 |
| 25° | 676.4 | 731.0 | 789.1 | 850.0 | 910.0 | 975.5 | 1046.8 | 1108.9 | 1175.4 | 1233.5 | 1275.0 |
| 27.5° | 657.0 | 707.1 | 764.9 | 826.7 | 893.3 | 970.9 | 1054.6 | 1125.3 | 1191.9 | 1233.5 | 1246.5 |
| 30° | 639.5 | 692.6 | 745.7 | 808.5 | 880.6 | 967.1 | 1056.1 | 1137.0 | 1191.6 | 1209.7 | 1196.3 |
| 32.5° | 621.8 | 669.9 | 722.5 | 786.8 | 863.4 | 957.9 | 1058.1 | 1130.0 | 1162.9 | 1149.1 | 1094.4 |
| 35° | 590.5 | 633.9 | 684.9 | 749.2 | 837.2 | 952.8 | 1049.9 | 1098.6 | 1090.5 | 1012.4 | 909.3 |
| 37.5° | 557.0 | 592.4 | 639.5 | 706.8 | 810.1 | 932.5 | 1014.4 | 1021.6 | 951.3 | 831.4 | 712.4 |
| 40° | 530.5 | 562.4 | 610.8 | 681.1 | 789.1 | 912.5 | 978.7 | 949.7 | 840.7 | 707.3 | 608.0 |
| 42.5° | 504.8 | 531.7 | 578.3 | 654.1 | 769.2 | 885.3 | 925.4 | 862.2 | 736.5 | 610.3 | 520.1 |
| 45° | 461.2 | 486.5 | 533.4 | 611.1 | 728.2 | 833.2 | 827.9 | 718.0 | 592.1 | 490.6 | 415.6 |
| 47.5° | 419.9 | 442.0 | 486.0 | 565.3 | 680.2 | 755.0 | 705.4 | 588.5 | 481.7 | 400.3 | 346.8 |
| 50° | 390.7 | 412.5 | 456.2 | 534.6 | 641.7 | 696.3 | 625.5 | 512.7 | 415.0 | 347.6 | 305.1 |
| 52.5° | 362.6 | 384.0 | 424.0 | 500.3 | 595.3 | 627.9 | 551.8 | 447.3 | 365.8 | 307.6 | 271.1 |
| 55° | 323.5 | 339.7 | 375.7 | 448.7 | 519.6 | 527.1 | 450.0 | 362.6 | 295.4 | 254.8 | 229.8 |
| 57.5° | 283.6 | 297.6 | 333.0 | 391.3 | 441.0 | 437.1 | 363.9 | 288.4 | 243.1 | 213.0 | 194.9 |
| 60° | 257.6 | 271.3 | 302.6 | 352.5 | 390.0 | 376.9 | 309.8 | 248.9 | 210.2 | 188.0 | 173.7 |
| 62.5° | 233.4 | 244.1 | 273.4 | 309.8 | 336.8 | 322.0 | 264.8 | 214.4 | 183.7 | 165.0 | 153.6 |
| 65° | 198.3 | 207.0 | 230.5 | 249.5 | 264.5 | 250.1 | 202.7 | 167.7 | 145.5 | 132.4 | 124.6 |
| 67.5° | 164.9 | 170.5 | 185.3 | 192.2 | 202.8 | 187.0 | 152.4 | 129.0 | 116.3 | 105.3 | 99.9 |
| 70° | 144.0 | 148.1 | 155.8 | 161.4 | 164.3 | 148.1 | 122.4 | 105.3 | 94.7 | 86.8 | 83.4 |
| 72.5° | 122.9 | 126.5 | 128.1 | 132.7 | 131.3 | 116.0 | 98.4 | 84.8 | 77.1 | 71.8 | 67.4 |
| 75° | 94.0 | 95.6 | 94.0 | 92.1 | 88.1 | 77.5 | 65.3 | 58.4 | 52.7 | 50.3 | 48.8 |
| 77.5° | 68.5 | 68.0 | 65.9 | 62.9 | 56.0 | 49.3 | 42.8 | 40.4 | 38.1 | 36.7 | 36.2 |
| 80° | 52.7 | 51.5 | 49.7 | 45.0 | 39.1 | 34.3 | 32.8 | 31.2 | 30.3 | 28.7 | 28.5 |
| 82.5° | 39.3 | 38.6 | 35.4 | 31.5 | 27.3 | 25.1 | 23.8 | 23.2 | 22.3 | 21.5 | 21.4 |
| 85° | 21.0 | 20.0 | 16.6 | 14.3 | 13.8 | 13.1 | 12.8 | 12.8 | 11.6 | 11.3 | 11.3 |
| 87.5° | 6.9 | 5.5 | 5.5 | 4.8 | 5.0 | 4.6 | 5.1 | 4.7 | 4.6 | 4.9 | 4.5 |
| 90° | 0.9 | 1.5 | 2.2 | 2.9 | 3.6 | 4.4 | 5.2 | 6.1 | 6.9 | 7.2 | 7.4 |
| 92.5° | 7.4 | 7.8 | 8.3 | 8.7 | 9.1 | 9.6 | 10.1 | 10.6 | 11.1 | 11.3 | 11.5 |
| 95° | 17.4 | 17.9 | 18.3 | 18.8 | 19.2 | 19.8 | 20.3 | 20.8 | 21.4 | 21.6 | 21.9 |
| 97.5° | 30.5 | 30.9 | 31.2 | 31.6 | 31.9 | 32.3 | 32.6 | 33.0 | 33.3 | 33.7 | 33.9 |
| 100° | 39.5 | 39.9 | 40.4 | 40.7 | 41.1 | 41.4 | 41.7 | 42.1 | 42.3 | 42.6 | 42.7 |
| 102.5° | 49.8 | 50.0 | 50.2 | 50.5 | 50.8 | 51.2 | 51.7 | 52.1 | 52.5 | 52.7 | 52.9 |
| 105° | 65.0 | 65.1 | 65.2 | 65.3 | 65.7 | 66.3 | 66.9 | 67.4 | 68.0 | 68.0 | 68.0 |
| 107.5° | 82.7 | 82.8 | 82.8 | 82.9 | 83.0 | 83.2 | 83.5 | 83.7 | 84.0 | 84.1 | 84.4 |
| 110° | 93.8 | 93.9 | 94.0 | 94.2 | 94.2 | 94.4 | 94.6 | 94.7 | 94.8 | 95.1 | 95.3 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 105.3 | 105.3 | 105.4 | 105.5 | 105.5 | 105.6 | 105.6 | 105.6 | 105.7 | 105.9 | 106.2 |
| 115° | 122.6 | 122.9 | 123.0 | 123.2 | 123.3 | 123.1 | 123.0 | 122.9 | 122.7 | 122.8 | 122.9 |
| 117.5° | 140.0 | 140.1 | 140.2 | 140.4 | 140.3 | 140.1 | 140.0 | 139.8 | 139.7 | 139.7 | 139.7 |
| 120° | 151.1 | 151.5 | 151.8 | 152.2 | 152.2 | 152.0 | 151.6 | 151.3 | 151.0 | 150.9 | 150.8 |
| 122.5° | 162.2 | 162.6 | 162.8 | 163.1 | 163.1 | 163.0 | 162.8 | 162.7 | 162.5 | 162.3 | 162.2 |
| 125° | 179.4 | 179.6 | 179.8 | 180.0 | 180.0 | 179.9 | 179.8 | 179.6 | 179.5 | 179.2 | 179.0 |
| 127.5° | 195.5 | 195.9 | 196.3 | 196.7 | 196.9 | 196.7 | 196.6 | 196.5 | 196.3 | 196.0 | 195.6 |
| 130° | 206.2 | 206.8 | 207.2 | 207.7 | 207.9 | 207.7 | 207.6 | 207.3 | 207.2 | 206.9 | 206.7 |
| 132.5° | 216.9 | 217.4 | 217.8 | 218.3 | 218.6 | 218.4 | 218.3 | 218.1 | 218.0 | 217.7 | 217.4 |
| 135° | 232.9 | 233.3 | 233.7 | 234.1 | 234.2 | 234.2 | 234.1 | 234.0 | 234.0 | 233.7 | 233.4 |
| 137.5° | 247.9 | 248.1 | 248.4 | 248.7 | 249.0 | 249.2 | 249.3 | 249.5 | 249.6 | 249.4 | 249.2 |
| 140° | 258.2 | 258.5 | 258.9 | 259.2 | 259.3 | 259.4 | 259.4 | 259.5 | 259.6 | 259.5 | 259.4 |
| 142.5° | 267.7 | 268.0 | 268.3 | 268.6 | 268.8 | 269.0 | 269.0 | 269.1 | 269.3 | 269.2 | 269.1 |
| 145° | 282.2 | 282.3 | 282.4 | 282.6 | 282.7 | 282.9 | 283.2 | 283.3 | 283.5 | 283.5 | 283.4 |
| 147.5° | 295.2 | 295.5 | 295.7 | 295.9 | 296.1 | 296.3 | 296.4 | 296.6 | 296.9 | 296.9 | 296.9 |
| 150° | 304.1 | 304.2 | 304.4 | 304.5 | 304.6 | 304.8 | 304.8 | 305.0 | 305.1 | 305.1 | 305.1 |
| 152.5° | 311.5 | 311.7 | 311.9 | 312.1 | 312.2 | 312.3 | 312.3 | 312.4 | 312.5 | 312.6 | 312.7 |
| 155° | 323.0 | 323.0 | 323.0 | 323.0 | 323.0 | 323.1 | 323.1 | 323.2 | 323.3 | 323.5 | 323.8 |
| 157.5° | 332.8 | 332.7 | 332.6 | 332.6 | 332.6 | 332.6 | 332.6 | 332.7 | 332.8 | 333.0 | 333.3 |
| 160° | 339.0 | 338.8 | 338.8 | 338.6 | 338.5 | 338.5 | 338.5 | 338.5 | 338.5 | 338.8 | 339.2 |
| 162.5° | 344.5 | 344.3 | 344.1 | 343.9 | 343.9 | 343.9 | 344.0 | 344.1 | 344.1 | 344.4 | 344.7 |
| 165° | 351.6 | 351.4 | 351.2 | 351.0 | 350.9 | 350.9 | 350.9 | 350.9 | 350.9 | 351.3 | 351.7 |
| 167.5° | 357.3 | 357.0 | 356.7 | 356.4 | 356.4 | 356.4 | 356.4 | 356.5 | 356.6 | 356.9 | 357.3 |
| 170° | 360.4 | 360.2 | 360.0 | 359.7 | 359.5 | 359.5 | 359.5 | 359.5 | 359.5 | 360.0 | 360.4 |
| 172.5° | 363.0 | 362.7 | 362.5 | 362.2 | 362.1 | 362.1 | 362.1 | 362.1 | 362.1 | 362.5 | 362.9 |
| 175° | 365.7 | 365.4 | 365.2 | 364.9 | 364.8 | 364.8 | 364.8 | 364.8 | 364.8 | 365.2 | 365.5 |
| 177.5° | 366.8 | 366.6 | 366.4 | 366.2 | 366.1 | 366.1 | 366.1 | 366.1 | 366.1 | 366.4 | 366.7 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 | 729.4 |
| 2.5° | 769.5 | 769.5 | 770.5 | 774.2 | 774.7 | 778.0 | 776.9 |
| 5° | 845.6 | 851.6 | 853.8 | 863.2 | 868.8 | 871.2 | 866.3 |
| 7.5° | 938.8 | 955.5 | 963.5 | 973.3 | 981.9 | 984.6 | 977.8 |
| 10° | 1006.8 | 1024.3 | 1038.9 | 1048.0 | 1056.5 | 1062.0 | 1069.3 |
| 12.5° | 1072.4 | 1094.0 | 1107.9 | 1120.7 | 1129.4 | 1136.5 | 1137.7 |
| 15° | 1143.9 | 1176.3 | 1201.0 | 1219.1 | 1228.2 | 1232.9 | 1231.0 |
| 17.5° | 1215.9 | 1245.9 | 1263.6 | 1282.0 | 1294.5 | 1295.2 | 1295.6 |
| 20° | 1256.6 | 1286.0 | 1306.3 | 1320.0 | 1334.1 | 1333.4 | 1336.5 |
| 22.5° | 1283.9 | 1306.9 | 1322.5 | 1332.4 | 1337.3 | 1334.9 | 1335.5 |
| 25° | 1296.6 | 1303.4 | 1300.6 | 1284.7 | 1280.7 | 1266.0 | 1268.4 |
| 27.5° | 1230.9 | 1198.4 | 1164.8 | 1121.5 | 1087.4 | 1060.2 | 1061.6 |
| 30° | 1141.7 | 1084.2 | 1018.6 | 963.7 | 914.4 | 900.6 | 871.2 |
| 32.5° | 1017.0 | 930.8 | 854.0 | 802.8 | 760.4 | 748.9 | 723.3 |
| 35° | 805.7 | 721.9 | 642.9 | 595.5 | 576.7 | 550.6 | 550.2 |
| 37.5° | 626.2 | 552.5 | 510.8 | 475.2 | 456.5 | 440.6 | 439.0 |
| 40° | 526.8 | 469.4 | 437.8 | 412.2 | 393.8 | 381.9 | 379.1 |
| 42.5° | 457.4 | 410.9 | 381.3 | 365.5 | 351.3 | 345.2 | 340.6 |
| 45° | 373.5 | 342.3 | 321.6 | 307.3 | 300.7 | 296.0 | 293.5 |
| 47.5° | 312.4 | 291.5 | 277.4 | 267.9 | 262.5 | 257.6 | 258.9 |
| 50° | 279.2 | 262.0 | 251.7 | 242.6 | 238.6 | 235.1 | 235.5 |
| 52.5° | 252.4 | 237.0 | 228.7 | 222.2 | 217.1 | 214.7 | 213.4 |
| 55° | 214.3 | 204.6 | 196.1 | 191.4 | 188.6 | 185.2 | 184.3 |
| 57.5° | 182.7 | 175.2 | 168.4 | 163.1 | 162.4 | 159.1 | 159.5 |
| 60° | 161.8 | 155.5 | 149.9 | 147.1 | 144.9 | 142.1 | 143.0 |
| 62.5° | 144.6 | 139.3 | 134.1 | 131.8 | 129.6 | 127.6 | 128.0 |
| 65° | 118.4 | 113.3 | 110.2 | 109.0 | 108.0 | 107.1 | 106.2 |
| 67.5° | 94.3 | 91.2 | 89.3 | 86.6 | 84.7 | 84.4 | 83.4 |
| 70° | 79.3 | 75.3 | 71.8 | 68.4 | 67.4 | 67.1 | 67.4 |
| 72.5° | 63.6 | 61.0 | 60.1 | 58.4 | 58.2 | 57.4 | 58.0 |
| 75° | 47.8 | 46.9 | 46.2 | 45.0 | 45.0 | 45.0 | 45.0 |
| 77.5° | 35.2 | 34.7 | 34.3 | 34.0 | 33.8 | 33.3 | 33.3 |
| 80° | 27.5 | 27.1 | 26.6 | 26.6 | 26.3 | 26.6 | 26.3 |
| 82.5° | 20.7 | 20.7 | 20.1 | 20.1 | 19.7 | 19.6 | 19.7 |
| 85° | 10.6 | 10.3 | 10.9 | 10.3 | 10.6 | 10.0 | 10.6 |
| 87.5° | 4.6 | 4.6 | 4.4 | 4.4 | 4.2 | 4.7 | 4.2 |
| 90° | 7.7 | 7.9 | 8.2 | 8.2 | 8.4 | 8.5 | 8.6 |
| 92.5° | 11.7 | 11.9 | 12.0 | 11.9 | 11.8 | 11.7 | 11.7 |
| 95° | 22.1 | 22.3 | 22.5 | 22.5 | 22.5 | 22.5 | 22.5 |
| 97.5° | 34.2 | 34.6 | 34.7 | 34.7 | 34.7 | 34.6 | 34.6 |
| 100° | 43.0 | 43.1 | 43.3 | 43.4 | 43.5 | 43.7 | 43.8 |
| 102.5° | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.2 | 53.2 |
| 105° | 68.0 | 68.0 | 68.1 | 68.2 | 68.3 | 68.5 | 68.6 |
| 107.5° | 84.5 | 84.8 | 84.9 | 84.8 | 84.7 | 84.6 | 84.5 |
| 110° | 95.6 | 95.8 | 95.9 | 95.7 | 95.6 | 95.5 | 95.4 |



TEST NUMBER: P332271-930

CATALOG NUMBER: S123RDIP-S560D365U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 106.6 | 106.9 | 107.0 | 107.0 | 107.0 | 106.9 | 106.9 |
| 115° | 122.9 | 123.0 | 123.0 | 122.9 | 122.9 | 122.8 | 122.7 |
| 117.5° | 139.7 | 139.7 | 139.5 | 139.3 | 139.2 | 139.0 | 138.8 |
| 120° | 150.7 | 150.7 | 150.6 | 150.5 | 150.3 | 150.3 | 150.1 |
| 122.5° | 162.0 | 161.8 | 161.7 | 161.5 | 161.3 | 161.1 | 160.9 |
| 125° | 178.7 | 178.5 | 178.2 | 178.0 | 177.7 | 177.4 | 177.2 |
| 127.5° | 195.3 | 194.9 | 194.5 | 194.3 | 194.0 | 193.7 | 193.4 |
| 130° | 206.4 | 206.1 | 205.8 | 205.4 | 204.9 | 204.5 | 204.0 |
| 132.5° | 217.0 | 216.8 | 216.5 | 216.1 | 215.7 | 215.4 | 215.1 |
| 135° | 233.2 | 232.9 | 232.8 | 232.6 | 232.4 | 232.4 | 232.2 |
| 137.5° | 248.9 | 248.6 | 248.3 | 248.1 | 247.9 | 247.6 | 247.4 |
| 140° | 259.4 | 259.3 | 259.1 | 258.6 | 258.2 | 257.7 | 257.3 |
| 142.5° | 269.0 | 269.0 | 268.8 | 268.5 | 268.2 | 267.7 | 267.4 |
| 145° | 283.3 | 283.2 | 283.1 | 282.8 | 282.6 | 282.3 | 282.1 |
| 147.5° | 296.9 | 296.9 | 296.6 | 296.3 | 295.9 | 295.5 | 295.1 |
| 150° | 305.1 | 305.1 | 304.9 | 304.5 | 304.2 | 303.8 | 303.4 |
| 152.5° | 312.8 | 312.9 | 312.7 | 312.4 | 312.1 | 311.8 | 311.4 |
| 155° | 324.0 | 324.3 | 324.2 | 323.8 | 323.3 | 322.9 | 322.4 |
| 157.5° | 333.6 | 333.9 | 333.8 | 333.5 | 333.1 | 332.7 | 332.4 |
| 160° | 339.5 | 339.8 | 339.8 | 339.6 | 339.3 | 339.1 | 338.8 |
| 162.5° | 345.0 | 345.4 | 345.3 | 344.9 | 344.5 | 344.1 | 343.6 |
| 165° | 352.0 | 352.5 | 352.5 | 352.0 | 351.6 | 351.1 | 350.7 |
| 167.5° | 357.8 | 358.2 | 358.2 | 357.8 | 357.3 | 356.9 | 356.6 |
| 170° | 360.9 | 361.3 | 361.3 | 360.9 | 360.4 | 360.0 | 359.5 |
| 172.5° | 363.3 | 363.7 | 363.7 | 363.2 | 362.8 | 362.3 | 361.9 |
| 175° | 365.9 | 366.3 | 366.2 | 365.8 | 365.3 | 364.9 | 364.4 |
| 177.5° | 367.0 | 367.3 | 367.3 | 367.0 | 366.6 | 366.2 | 365.8 |
| 180° | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 | 366.8 |

(END OF REPORT)