

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: P331911-935

Luminaire Tested: **S123DIP-S560D365U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331911-935
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: S123DIP-S560D365U935-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3128.6 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Direct

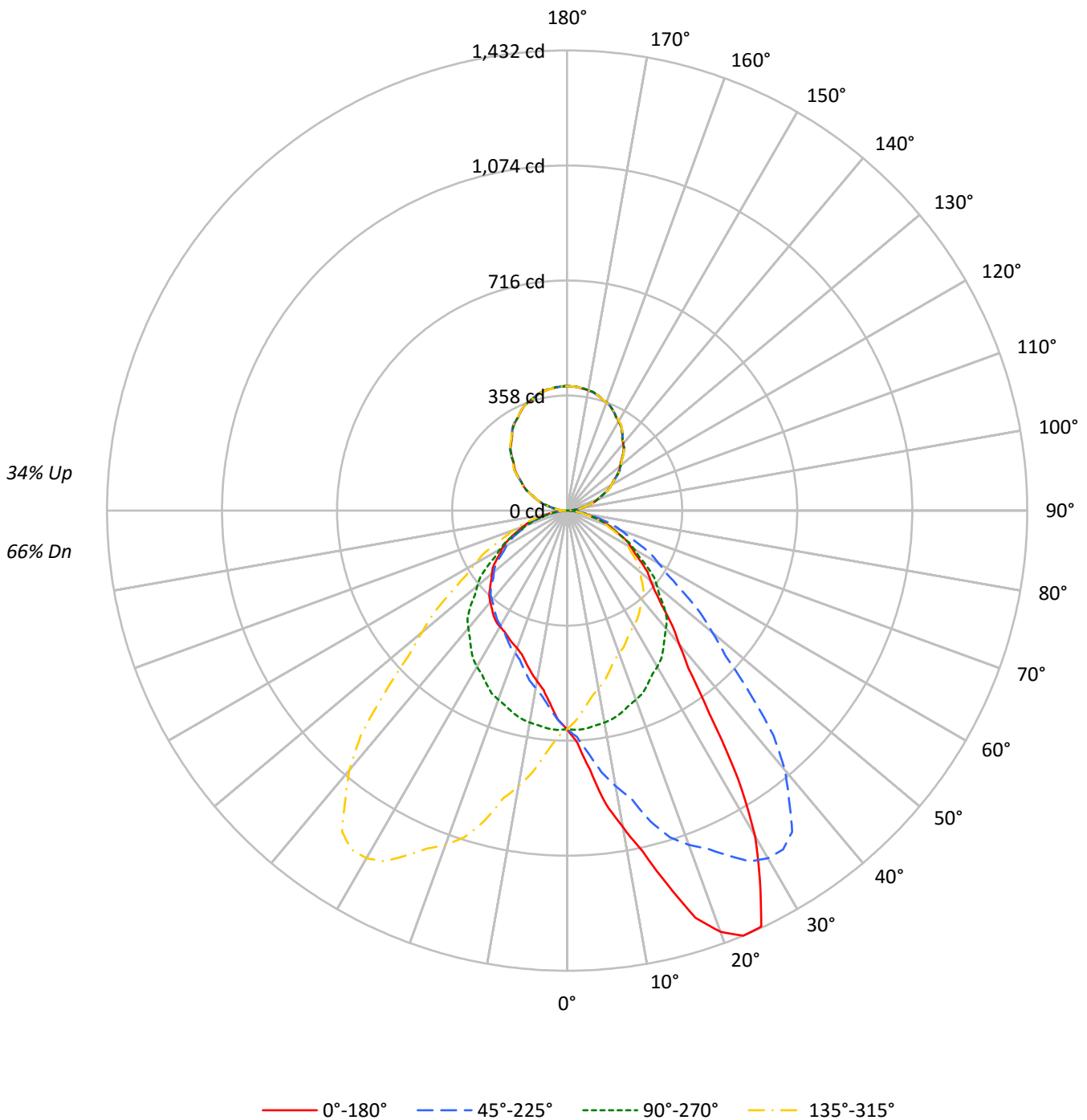
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 | 66 |
| 1 | 102 | 97 | 94 | 90 | 96 | 92 | 88 | 85 | 81 | 79 | 77 | 72 | 70 | 68 | 63 | 62 | 60 | 56 |
| 2 | 93 | 85 | 79 | 74 | 87 | 81 | 75 | 71 | 72 | 68 | 64 | 63 | 60 | 57 | 56 | 53 | 51 | 48 |
| 3 | 85 | 75 | 68 | 62 | 80 | 71 | 65 | 59 | 64 | 58 | 54 | 56 | 52 | 49 | 50 | 47 | 44 | 41 |
| 4 | 78 | 67 | 59 | 53 | 73 | 63 | 56 | 51 | 57 | 51 | 46 | 50 | 46 | 42 | 45 | 41 | 38 | 35 |
| 5 | 72 | 60 | 52 | 46 | 67 | 57 | 49 | 44 | 51 | 45 | 40 | 45 | 41 | 37 | 40 | 36 | 33 | 31 |
| 6 | 66 | 54 | 46 | 40 | 62 | 51 | 44 | 38 | 46 | 40 | 35 | 41 | 36 | 32 | 37 | 33 | 30 | 27 |
| 7 | 61 | 49 | 41 | 35 | 58 | 46 | 39 | 34 | 42 | 36 | 31 | 38 | 33 | 29 | 34 | 29 | 26 | 24 |
| 8 | 57 | 44 | 37 | 31 | 54 | 42 | 35 | 30 | 38 | 32 | 28 | 34 | 29 | 26 | 31 | 27 | 24 | 21 |
| 9 | 53 | 41 | 33 | 28 | 50 | 39 | 32 | 27 | 35 | 29 | 25 | 32 | 27 | 23 | 28 | 24 | 21 | 19 |
| 10 | 50 | 37 | 30 | 25 | 47 | 36 | 29 | 24 | 32 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7326 | 7326 | 7326 | 7326 |
| 5° | 8737 | 7358 | 6521 | 7358 |
| 10° | 10935 | 7321 | 5889 | 7321 |
| 15° | 13412 | 7261 | 5483 | 7261 |
| 20° | 15978 | 7170 | 5220 | 7170 |
| 25° | 16966 | 7058 | 5162 | 7058 |
| 30° | 14542 | 6976 | 5189 | 6976 |
| 35° | 10113 | 6859 | 5243 | 6859 |
| 40° | 7617 | 6724 | 5227 | 6724 |
| 45° | 6325 | 6520 | 5160 | 6520 |
| 50° | 5667 | 6107 | 5114 | 6107 |
| 55° | 5296 | 5662 | 5050 | 5662 |
| 60° | 4969 | 5197 | 4997 | 5197 |
| 65° | 4669 | 4737 | 4837 | 4737 |
| 70° | 4378 | 4214 | 4607 | 4214 |
| 75° | 3922 | 3689 | 4225 | 3689 |
| 80° | 3434 | 3025 | 3639 | 3025 |
| 85° | 2692 | 2198 | 2445 | 2198 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 67.0 | 2.1 |
| 10°-20° | 215.0 | 6.9 |
| 20°-30° | 360.8 | 11.5 |
| 30°-40° | 408.6 | 13.1 |
| 40°-50° | 366.4 | 11.7 |
| 50°-60° | 295.7 | 9.5 |
| 60°-70° | 206.0 | 6.6 |
| 70°-80° | 108.3 | 3.5 |
| 80°-90° | 27.6 | 0.9 |
| 90°-100° | 25.2 | 0.8 |
| 100°-110° | 75.5 | 2.4 |
| 110°-120° | 128.5 | 4.1 |
| 120°-130° | 169.0 | 5.4 |
| 130°-140° | 189.9 | 6.1 |
| 140°-150° | 186.7 | 6.0 |
| 150°-160° | 157.2 | 5.0 |
| 160°-170° | 104.6 | 3.3 |
| 170°-180° | 36.6 | 1.2 |
| 0°-30° | 642.9 | 20.5 |
| 0°-40° | 1051.4 | 33.6 |
| 0°-60° | 1713.5 | 54.8 |
| 0°-90° | 2055.4 | 65.7 |
| 90°-120° | 229.2 | 7.3 |
| 90°-150° | 774.8 | 24.8 |
| 90°-180° | 1073.0 | 34.3 |
| 0°-180° | 3128.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 681 | 681 | 681 | 681 | 681 | |
| 5° | 809 | 681 | 604 | 681 | 809 | 84 |
| 15° | 1204 | 652 | 492 | 652 | 1204 | 348 |
| 25° | 1428 | 594 | 435 | 594 | 1428 | 626 |
| 35° | 770 | 522 | 399 | 522 | 770 | 500 |
| 45° | 416 | 428 | 339 | 428 | 416 | 329 |
| 55° | 282 | 302 | 269 | 302 | 282 | 253 |
| 65° | 183 | 186 | 190 | 186 | 183 | 183 |
| 75° | 94 | 89 | 102 | 89 | 94 | 101 |
| 85° | 22 | 18 | 20 | 18 | 22 | 26 |
| 90° | 9 | 0 | 9 | 0 | 9 | 6 |
| 95° | 24 | 18 | 24 | 18 | 24 | 24 |
| 105° | 72 | 68 | 72 | 68 | 72 | 77 |
| 115° | 130 | 129 | 130 | 129 | 130 | 128 |
| 125° | 187 | 189 | 187 | 189 | 187 | 167 |
| 135° | 245 | 246 | 245 | 246 | 245 | 189 |
| 145° | 298 | 298 | 298 | 298 | 298 | 186 |
| 155° | 340 | 341 | 340 | 341 | 340 | 157 |
| 165° | 370 | 372 | 370 | 372 | 370 | 104 |
| 175° | 385 | 386 | 385 | 386 | 385 | 37 |
| 180° | 387 | 387 | 387 | 387 | 387 | |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 722.3 | 721.8 | 720.5 | 721.5 | 719.4 | 716.5 | 716.3 | 713.6 | 705.9 | 705.4 | 703.4 |
| 5° | 808.6 | 805.9 | 805.6 | 805.3 | 800.6 | 794.4 | 782.5 | 781.5 | 765.7 | 757.8 | 748.2 |
| 7.5° | 920.3 | 921.7 | 916.9 | 912.7 | 898.5 | 889.2 | 876.5 | 860.2 | 840.8 | 821.0 | 807.9 |
| 10° | 1000.5 | 1011.3 | 997.8 | 988.6 | 980.1 | 963.9 | 945.1 | 921.7 | 898.3 | 870.9 | 850.2 |
| 12.5° | 1086.5 | 1091.8 | 1089.2 | 1080.4 | 1067.1 | 1042.5 | 1009.2 | 983.4 | 961.8 | 916.3 | 897.9 |
| 15° | 1203.6 | 1223.7 | 1210.9 | 1181.2 | 1181.9 | 1158.5 | 1114.9 | 1067.1 | 1041.7 | 1001.8 | 947.4 |
| 17.5° | 1328.4 | 1330.9 | 1325.4 | 1300.7 | 1284.2 | 1252.1 | 1211.9 | 1166.1 | 1114.6 | 1066.3 | 1008.6 |
| 20° | 1394.9 | 1392.9 | 1381.4 | 1368.5 | 1340.1 | 1315.1 | 1271.2 | 1220.1 | 1154.2 | 1106.6 | 1043.7 |
| 22.5° | 1431.8 | 1428.5 | 1423.1 | 1412.3 | 1388.7 | 1361.8 | 1322.4 | 1266.5 | 1203.8 | 1138.3 | 1065.6 |
| 25° | 1428.5 | 1432.8 | 1433.5 | 1430.5 | 1422.3 | 1406.1 | 1375.1 | 1330.6 | 1267.9 | 1183.9 | 1108.0 |
| 27.5° | 1299.2 | 1305.3 | 1322.9 | 1338.6 | 1356.1 | 1373.8 | 1371.5 | 1349.4 | 1303.0 | 1230.4 | 1137.6 |
| 30° | 1170.0 | 1156.8 | 1189.5 | 1230.6 | 1258.7 | 1308.1 | 1335.8 | 1337.5 | 1311.5 | 1249.1 | 1158.7 |
| 32.5° | 990.6 | 1005.1 | 1019.5 | 1070.2 | 1131.5 | 1187.1 | 1242.2 | 1286.6 | 1291.7 | 1250.2 | 1171.1 |
| 35° | 769.6 | 787.8 | 814.2 | 840.6 | 906.5 | 963.2 | 1060.1 | 1144.6 | 1211.9 | 1220.7 | 1172.3 |
| 37.5° | 620.2 | 629.2 | 645.8 | 672.3 | 715.4 | 782.7 | 857.7 | 964.4 | 1061.9 | 1134.4 | 1137.6 |
| 40° | 542.1 | 544.8 | 563.5 | 583.7 | 618.6 | 674.0 | 741.7 | 835.9 | 952.7 | 1054.0 | 1096.1 |
| 42.5° | 483.5 | 489.4 | 497.3 | 516.7 | 544.5 | 586.2 | 649.0 | 727.0 | 834.0 | 950.5 | 1033.0 |
| 45° | 415.5 | 422.1 | 427.1 | 439.9 | 459.7 | 487.7 | 531.6 | 602.8 | 684.2 | 804.6 | 915.8 |
| 47.5° | 370.5 | 371.0 | 374.7 | 384.4 | 397.9 | 419.0 | 450.0 | 495.7 | 570.5 | 668.0 | 782.2 |
| 50° | 338.4 | 343.6 | 344.9 | 352.5 | 363.1 | 378.6 | 404.3 | 443.2 | 504.5 | 590.3 | 695.2 |
| 52.5° | 315.6 | 317.2 | 320.9 | 326.4 | 335.6 | 347.7 | 370.0 | 400.5 | 448.6 | 521.7 | 618.1 |
| 55° | 282.2 | 282.2 | 285.9 | 290.2 | 295.5 | 306.3 | 321.2 | 343.6 | 380.2 | 437.0 | 516.8 |
| 57.5° | 251.4 | 253.0 | 255.6 | 256.9 | 261.4 | 268.6 | 281.0 | 298.1 | 325.4 | 369.0 | 432.5 |
| 60° | 230.8 | 233.8 | 233.5 | 236.1 | 240.0 | 245.6 | 256.2 | 270.1 | 294.5 | 329.4 | 382.9 |
| 62.5° | 212.9 | 212.7 | 212.7 | 215.8 | 219.7 | 225.1 | 232.0 | 243.9 | 264.7 | 295.7 | 341.1 |
| 65° | 183.3 | 182.7 | 185.0 | 187.0 | 188.3 | 192.3 | 197.5 | 208.1 | 222.0 | 245.0 | 280.3 |
| 67.5° | 157.1 | 155.2 | 156.4 | 157.1 | 159.4 | 162.5 | 167.4 | 173.9 | 184.9 | 203.5 | 230.1 |
| 70° | 139.1 | 137.5 | 137.2 | 137.8 | 139.8 | 142.2 | 145.8 | 152.1 | 162.2 | 177.1 | 196.6 |
| 72.5° | 120.7 | 119.6 | 119.5 | 121.0 | 121.9 | 123.4 | 126.0 | 131.7 | 139.8 | 150.9 | 169.1 |
| 75° | 94.3 | 94.3 | 94.3 | 94.6 | 95.7 | 96.9 | 98.9 | 101.9 | 108.1 | 116.1 | 128.3 |
| 77.5° | 70.7 | 70.6 | 70.3 | 70.2 | 71.6 | 72.2 | 72.7 | 75.4 | 79.0 | 84.3 | 93.2 |
| 80° | 55.4 | 53.7 | 54.4 | 55.4 | 56.1 | 56.4 | 57.3 | 58.0 | 61.0 | 64.0 | 70.3 |
| 82.5° | 41.2 | 39.8 | 39.9 | 41.4 | 41.6 | 41.8 | 42.9 | 43.8 | 44.9 | 47.6 | 51.0 |
| 85° | 21.8 | 21.8 | 22.1 | 22.1 | 22.4 | 22.1 | 23.1 | 23.4 | 23.4 | 25.1 | 27.0 |
| 87.5° | 9.7 | 9.2 | 9.4 | 9.6 | 9.4 | 9.6 | 9.8 | 10.0 | 10.2 | 10.4 | 10.5 |
| 90° | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.4 | 8.1 | 7.8 | 7.6 | 7.3 | 6.5 |
| 92.5° | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.6 | 12.3 | 12.1 | 11.9 | 11.7 | 11.2 |
| 95° | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.6 | 23.3 | 23.1 | 22.8 | 22.6 | 22.0 |
| 97.5° | 36.5 | 36.5 | 36.6 | 36.6 | 36.6 | 36.5 | 36.2 | 35.8 | 35.6 | 35.2 | 34.9 |
| 100° | 46.2 | 46.1 | 46.0 | 45.8 | 45.7 | 45.5 | 45.4 | 45.1 | 44.9 | 44.7 | 44.4 |
| 102.5° | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.2 | 56.1 | 55.9 | 55.6 | 55.4 | 55.0 |
| 105° | 72.4 | 72.3 | 72.2 | 72.0 | 71.9 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.2 |
| 107.5° | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.5 | 89.3 | 89.1 | 88.9 | 88.7 | 88.4 |
| 110° | 100.7 | 100.8 | 101.0 | 101.1 | 101.3 | 101.2 | 100.9 | 100.7 | 100.4 | 100.1 | 100.0 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 112.9 | 112.9 | 113.0 | 113.0 | 113.0 | 112.9 | 112.5 | 112.2 | 111.8 | 111.6 | 111.5 |
| 115° | 129.6 | 129.7 | 129.8 | 129.8 | 129.9 | 129.9 | 129.8 | 129.8 | 129.7 | 129.6 | 129.8 |
| 117.5° | 146.6 | 146.8 | 147.0 | 147.1 | 147.3 | 147.5 | 147.5 | 147.5 | 147.5 | 147.5 | 147.7 |
| 120° | 158.5 | 158.7 | 158.8 | 158.9 | 159.0 | 159.2 | 159.2 | 159.3 | 159.4 | 159.5 | 159.8 |
| 122.5° | 170.0 | 170.1 | 170.3 | 170.6 | 170.7 | 170.9 | 171.1 | 171.3 | 171.4 | 171.6 | 171.8 |
| 125° | 187.1 | 187.4 | 187.7 | 188.0 | 188.2 | 188.5 | 188.7 | 189.0 | 189.2 | 189.6 | 189.7 |
| 127.5° | 204.2 | 204.6 | 204.8 | 205.2 | 205.4 | 205.8 | 206.2 | 206.6 | 207.0 | 207.3 | 207.5 |
| 130° | 215.4 | 215.9 | 216.4 | 216.9 | 217.3 | 217.7 | 217.9 | 218.3 | 218.5 | 218.8 | 219.0 |
| 132.5° | 227.1 | 227.5 | 227.8 | 228.2 | 228.6 | 228.9 | 229.2 | 229.5 | 229.9 | 230.2 | 230.3 |
| 135° | 245.2 | 245.4 | 245.5 | 245.6 | 245.8 | 246.0 | 246.2 | 246.5 | 246.8 | 247.1 | 247.1 |
| 137.5° | 261.2 | 261.5 | 261.7 | 262.0 | 262.3 | 262.5 | 262.9 | 263.1 | 263.4 | 263.6 | 263.5 |
| 140° | 271.7 | 272.2 | 272.7 | 273.1 | 273.6 | 273.9 | 274.0 | 274.0 | 274.1 | 274.1 | 274.1 |
| 142.5° | 282.4 | 282.8 | 283.2 | 283.5 | 283.9 | 284.1 | 284.1 | 284.2 | 284.3 | 284.4 | 284.2 |
| 145° | 297.9 | 298.2 | 298.4 | 298.7 | 298.9 | 299.1 | 299.2 | 299.3 | 299.4 | 299.4 | 299.2 |
| 147.5° | 311.6 | 312.0 | 312.5 | 312.9 | 313.2 | 313.5 | 313.5 | 313.5 | 313.5 | 313.5 | 313.2 |
| 150° | 320.4 | 320.8 | 321.2 | 321.6 | 322.0 | 322.2 | 322.2 | 322.2 | 322.2 | 322.2 | 322.1 |
| 152.5° | 328.9 | 329.2 | 329.6 | 329.9 | 330.3 | 330.5 | 330.4 | 330.2 | 330.1 | 330.0 | 329.9 |
| 155° | 340.4 | 341.0 | 341.4 | 341.9 | 342.3 | 342.5 | 342.2 | 341.9 | 341.6 | 341.4 | 341.3 |
| 157.5° | 351.0 | 351.4 | 351.8 | 352.1 | 352.5 | 352.6 | 352.3 | 352.0 | 351.7 | 351.5 | 351.4 |
| 160° | 357.8 | 358.1 | 358.3 | 358.6 | 358.9 | 358.9 | 358.5 | 358.2 | 357.8 | 357.5 | 357.5 |
| 162.5° | 362.9 | 363.3 | 363.8 | 364.2 | 364.6 | 364.7 | 364.4 | 364.0 | 363.7 | 363.3 | 363.3 |
| 165° | 370.3 | 370.7 | 371.3 | 371.7 | 372.2 | 372.2 | 371.8 | 371.4 | 371.0 | 370.6 | 370.6 |
| 167.5° | 376.6 | 376.9 | 377.4 | 377.8 | 378.2 | 378.2 | 377.8 | 377.4 | 376.9 | 376.6 | 376.5 |
| 170° | 379.7 | 380.2 | 380.6 | 381.2 | 381.6 | 381.6 | 381.2 | 380.6 | 380.2 | 379.7 | 379.7 |
| 172.5° | 382.2 | 382.6 | 383.1 | 383.6 | 384.1 | 384.1 | 383.7 | 383.2 | 382.8 | 382.4 | 382.4 |
| 175° | 384.9 | 385.4 | 385.8 | 386.3 | 386.8 | 386.8 | 386.4 | 386.0 | 385.6 | 385.2 | 385.2 |
| 177.5° | 386.3 | 386.8 | 387.1 | 387.5 | 387.9 | 387.9 | 387.5 | 387.3 | 386.9 | 386.6 | 386.6 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 701.7 | 699.6 | 697.5 | 693.8 | 690.6 | 686.1 | 684.8 | 683.3 | 678.6 | 674.2 | 671.1 |
| 5° | 744.6 | 736.7 | 725.1 | 714.5 | 706.0 | 694.5 | 687.9 | 681.0 | 671.1 | 662.2 | 654.9 |
| 7.5° | 789.5 | 773.9 | 756.0 | 736.6 | 718.5 | 701.0 | 687.0 | 674.5 | 660.6 | 647.5 | 637.3 |
| 10° | 825.1 | 802.6 | 777.6 | 750.5 | 727.5 | 705.0 | 686.2 | 669.8 | 651.9 | 636.5 | 623.5 |
| 12.5° | 865.6 | 832.4 | 797.9 | 765.0 | 737.7 | 706.6 | 683.9 | 662.9 | 642.7 | 624.1 | 609.6 |
| 15° | 913.8 | 871.6 | 830.7 | 785.5 | 743.9 | 705.0 | 678.0 | 651.6 | 628.2 | 609.1 | 590.6 |
| 17.5° | 957.5 | 909.7 | 855.8 | 800.9 | 750.8 | 704.6 | 666.8 | 637.0 | 607.7 | 584.3 | 565.8 |
| 20° | 982.3 | 927.9 | 866.9 | 809.9 | 754.5 | 703.0 | 661.5 | 625.9 | 594.3 | 569.5 | 548.7 |
| 22.5° | 1003.8 | 940.0 | 876.9 | 816.0 | 754.2 | 698.8 | 651.8 | 615.1 | 580.7 | 556.6 | 534.5 |
| 25° | 1025.9 | 949.7 | 886.4 | 814.9 | 745.9 | 688.5 | 635.8 | 594.3 | 559.9 | 531.6 | 508.9 |
| 27.5° | 1044.9 | 949.1 | 873.9 | 796.9 | 732.9 | 675.4 | 619.1 | 574.5 | 538.0 | 507.2 | 484.1 |
| 30° | 1057.6 | 950.4 | 861.0 | 784.8 | 720.2 | 660.8 | 606.1 | 561.3 | 523.0 | 491.6 | 469.9 |
| 32.5° | 1065.5 | 949.6 | 849.1 | 767.9 | 700.2 | 647.6 | 592.1 | 545.7 | 506.4 | 475.6 | 454.6 |
| 35° | 1070.1 | 943.7 | 828.7 | 733.1 | 667.8 | 616.6 | 570.2 | 522.0 | 480.8 | 452.1 | 428.3 |
| 37.5° | 1060.8 | 931.6 | 804.9 | 699.4 | 627.9 | 577.6 | 538.5 | 497.5 | 458.1 | 426.5 | 406.0 |
| 40° | 1046.3 | 923.7 | 786.4 | 675.7 | 600.5 | 552.0 | 518.8 | 478.5 | 439.5 | 409.6 | 390.5 |
| 42.5° | 1018.6 | 907.6 | 766.2 | 649.3 | 572.0 | 523.5 | 492.8 | 459.3 | 422.4 | 394.3 | 375.1 |
| 45° | 951.1 | 872.5 | 735.7 | 609.8 | 529.9 | 479.8 | 452.8 | 428.3 | 395.0 | 367.6 | 351.2 |
| 47.5° | 857.2 | 819.8 | 691.6 | 568.0 | 486.0 | 437.8 | 409.7 | 390.0 | 365.7 | 343.6 | 327.8 |
| 50° | 792.1 | 776.6 | 661.9 | 539.5 | 456.7 | 409.6 | 382.5 | 364.7 | 347.2 | 325.1 | 310.6 |
| 52.5° | 716.9 | 726.4 | 627.0 | 510.0 | 426.9 | 380.6 | 355.1 | 341.0 | 325.1 | 306.9 | 294.3 |
| 55° | 611.1 | 645.7 | 566.9 | 460.4 | 382.5 | 338.4 | 314.3 | 301.7 | 292.5 | 279.0 | 268.1 |
| 57.5° | 512.0 | 555.9 | 501.8 | 409.2 | 338.9 | 300.8 | 277.8 | 264.1 | 258.1 | 251.1 | 242.5 |
| 60° | 453.1 | 496.6 | 455.4 | 375.0 | 309.6 | 273.4 | 253.0 | 241.4 | 235.5 | 230.5 | 223.3 |
| 62.5° | 400.6 | 444.6 | 410.0 | 340.1 | 280.9 | 247.3 | 229.5 | 218.2 | 213.5 | 210.9 | 204.7 |
| 65° | 328.5 | 366.4 | 343.3 | 285.9 | 239.7 | 210.1 | 193.9 | 186.0 | 181.7 | 180.7 | 176.8 |
| 67.5° | 267.3 | 296.2 | 279.4 | 237.1 | 200.8 | 175.1 | 161.4 | 154.7 | 151.4 | 151.1 | 148.1 |
| 70° | 227.2 | 254.3 | 241.4 | 203.1 | 171.8 | 151.7 | 139.8 | 133.9 | 131.9 | 131.6 | 129.9 |
| 72.5° | 196.0 | 214.9 | 204.7 | 172.8 | 148.6 | 130.4 | 121.6 | 115.4 | 113.1 | 113.7 | 112.5 |
| 75° | 145.1 | 159.3 | 153.3 | 131.2 | 111.8 | 99.9 | 92.6 | 88.7 | 86.7 | 87.7 | 86.4 |
| 77.5° | 104.4 | 113.4 | 108.1 | 92.7 | 80.8 | 72.2 | 66.8 | 64.4 | 62.6 | 62.5 | 61.9 |
| 80° | 78.8 | 84.1 | 81.1 | 71.9 | 62.0 | 54.8 | 50.5 | 48.8 | 47.8 | 47.5 | 47.2 |
| 82.5° | 56.1 | 60.6 | 57.1 | 50.8 | 44.1 | 39.7 | 37.3 | 35.1 | 34.4 | 34.5 | 34.3 |
| 85° | 28.3 | 30.0 | 28.7 | 24.7 | 22.1 | 20.1 | 18.8 | 17.8 | 17.1 | 17.5 | 16.8 |
| 87.5° | 10.8 | 10.9 | 10.0 | 8.8 | 8.1 | 7.2 | 7.1 | 6.4 | 6.0 | 6.1 | 6.0 |
| 90° | 5.5 | 4.6 | 3.8 | 3.0 | 2.3 | 1.6 | 0.9 | 0.3 | 0.9 | 1.6 | 2.3 |
| 92.5° | 10.7 | 10.2 | 9.6 | 9.2 | 8.8 | 8.3 | 7.8 | 7.4 | 7.8 | 8.3 | 8.8 |
| 95° | 21.4 | 20.9 | 20.3 | 19.8 | 19.4 | 18.9 | 18.4 | 18.0 | 18.4 | 18.9 | 19.4 |
| 97.5° | 34.4 | 34.1 | 33.7 | 33.3 | 33.0 | 32.6 | 32.2 | 31.9 | 32.2 | 32.6 | 33.0 |
| 100° | 44.1 | 43.7 | 43.4 | 43.0 | 42.6 | 42.2 | 41.8 | 41.4 | 41.8 | 42.2 | 42.6 |
| 102.5° | 54.6 | 54.1 | 53.6 | 53.3 | 53.0 | 52.8 | 52.6 | 52.3 | 52.6 | 52.8 | 53.0 |
| 105° | 70.6 | 70.0 | 69.4 | 69.0 | 68.9 | 68.7 | 68.6 | 68.4 | 68.6 | 68.7 | 68.9 |
| 107.5° | 88.2 | 87.9 | 87.6 | 87.6 | 87.5 | 87.4 | 87.3 | 87.2 | 87.3 | 87.4 | 87.5 |
| 110° | 99.9 | 99.7 | 99.5 | 99.4 | 99.3 | 99.2 | 99.0 | 98.9 | 99.0 | 99.2 | 99.3 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 111.5 | 111.5 | 111.4 | 111.4 | 111.3 | 111.2 | 111.2 | 111.1 | 111.2 | 111.2 | 111.3 |
| 115° | 129.9 | 130.0 | 130.2 | 130.1 | 129.9 | 129.8 | 129.5 | 129.3 | 129.5 | 129.8 | 129.9 |
| 117.5° | 147.8 | 148.0 | 148.2 | 148.3 | 148.1 | 148.0 | 147.8 | 147.7 | 147.8 | 148.0 | 148.1 |
| 120° | 160.1 | 160.5 | 160.7 | 160.7 | 160.3 | 160.0 | 159.5 | 159.1 | 159.5 | 160.0 | 160.3 |
| 122.5° | 171.9 | 172.1 | 172.3 | 172.3 | 171.9 | 171.7 | 171.3 | 171.1 | 171.3 | 171.7 | 171.9 |
| 125° | 189.9 | 189.9 | 190.1 | 190.1 | 189.9 | 189.7 | 189.4 | 189.2 | 189.4 | 189.7 | 189.9 |
| 127.5° | 207.6 | 207.8 | 207.9 | 207.8 | 207.3 | 206.9 | 206.5 | 206.0 | 206.5 | 206.9 | 207.3 |
| 130° | 219.2 | 219.4 | 219.6 | 219.4 | 218.9 | 218.3 | 217.7 | 217.2 | 217.7 | 218.3 | 218.9 |
| 132.5° | 230.5 | 230.7 | 230.8 | 230.6 | 230.1 | 229.5 | 229.0 | 228.4 | 229.0 | 229.5 | 230.1 |
| 135° | 247.2 | 247.3 | 247.4 | 247.2 | 246.8 | 246.3 | 246.0 | 245.6 | 246.0 | 246.3 | 246.8 |
| 137.5° | 263.3 | 263.1 | 262.9 | 262.7 | 262.3 | 262.0 | 261.7 | 261.4 | 261.7 | 262.0 | 262.3 |
| 140° | 274.0 | 274.0 | 273.9 | 273.7 | 273.4 | 273.0 | 272.7 | 272.3 | 272.7 | 273.0 | 273.4 |
| 142.5° | 284.1 | 284.0 | 283.9 | 283.6 | 283.4 | 283.0 | 282.7 | 282.3 | 282.7 | 283.0 | 283.4 |
| 145° | 299.0 | 298.8 | 298.6 | 298.4 | 298.3 | 298.2 | 298.0 | 297.9 | 298.0 | 298.2 | 298.3 |
| 147.5° | 313.1 | 312.9 | 312.7 | 312.5 | 312.3 | 312.0 | 311.8 | 311.5 | 311.8 | 312.0 | 312.3 |
| 150° | 321.9 | 321.8 | 321.7 | 321.6 | 321.4 | 321.2 | 321.2 | 321.0 | 321.2 | 321.2 | 321.4 |
| 152.5° | 329.8 | 329.8 | 329.7 | 329.6 | 329.3 | 329.2 | 329.0 | 328.8 | 329.0 | 329.2 | 329.3 |
| 155° | 341.2 | 341.2 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 |
| 157.5° | 351.3 | 351.3 | 351.2 | 351.2 | 351.3 | 351.4 | 351.5 | 351.5 | 351.5 | 351.4 | 351.3 |
| 160° | 357.5 | 357.5 | 357.5 | 357.6 | 357.7 | 357.8 | 358.0 | 358.1 | 358.0 | 357.8 | 357.7 |
| 162.5° | 363.3 | 363.2 | 363.2 | 363.2 | 363.4 | 363.6 | 363.8 | 363.9 | 363.8 | 363.6 | 363.4 |
| 165° | 370.6 | 370.6 | 370.6 | 370.7 | 370.9 | 371.1 | 371.3 | 371.5 | 371.3 | 371.1 | 370.9 |
| 167.5° | 376.4 | 376.4 | 376.3 | 376.4 | 376.7 | 377.0 | 377.3 | 377.5 | 377.3 | 377.0 | 376.7 |
| 170° | 379.7 | 379.7 | 379.7 | 379.9 | 380.1 | 380.4 | 380.6 | 380.9 | 380.6 | 380.4 | 380.1 |
| 172.5° | 382.4 | 382.4 | 382.4 | 382.5 | 382.8 | 383.1 | 383.3 | 383.7 | 383.3 | 383.1 | 382.8 |
| 175° | 385.2 | 385.2 | 385.2 | 385.4 | 385.6 | 385.9 | 386.2 | 386.4 | 386.2 | 385.9 | 385.6 |
| 177.5° | 386.6 | 386.6 | 386.6 | 386.7 | 386.9 | 387.1 | 387.4 | 387.5 | 387.4 | 387.1 | 386.9 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 669.3 | 667.4 | 664.8 | 660.8 | 657.6 | 652.6 | 652.6 | 653.4 | 653.4 | 653.2 | 652.6 |
| 5° | 648.9 | 644.0 | 638.1 | 631.2 | 623.9 | 616.6 | 615.4 | 612.7 | 610.7 | 609.4 | 607.8 |
| 7.5° | 627.5 | 618.8 | 610.1 | 600.5 | 591.6 | 584.3 | 579.2 | 575.0 | 572.2 | 569.4 | 567.2 |
| 10° | 613.0 | 602.1 | 591.9 | 581.7 | 570.5 | 561.5 | 555.9 | 552.0 | 549.1 | 546.4 | 545.1 |
| 12.5° | 595.9 | 583.4 | 572.1 | 562.4 | 550.2 | 541.0 | 535.6 | 533.8 | 530.3 | 524.8 | 521.9 |
| 15° | 570.8 | 559.3 | 545.8 | 530.9 | 525.0 | 513.8 | 507.5 | 504.5 | 502.6 | 498.3 | 497.0 |
| 17.5° | 549.4 | 534.3 | 519.1 | 508.0 | 497.0 | 487.9 | 484.4 | 480.7 | 478.1 | 474.6 | 473.6 |
| 20° | 532.3 | 518.8 | 504.9 | 493.0 | 481.5 | 471.6 | 468.6 | 466.0 | 463.3 | 461.7 | 460.4 |
| 22.5° | 514.8 | 501.3 | 489.8 | 478.7 | 466.4 | 459.9 | 456.7 | 453.8 | 451.9 | 450.8 | 449.5 |
| 25° | 490.3 | 478.5 | 465.6 | 455.7 | 445.8 | 441.5 | 439.5 | 437.9 | 436.6 | 435.0 | 434.6 |
| 27.5° | 468.5 | 455.6 | 445.1 | 435.8 | 428.8 | 425.2 | 423.3 | 422.5 | 422.8 | 423.4 | 423.7 |
| 30° | 452.1 | 440.2 | 431.6 | 423.7 | 417.2 | 413.9 | 413.5 | 413.5 | 414.8 | 415.2 | 415.9 |
| 32.5° | 437.0 | 427.3 | 418.7 | 411.0 | 406.0 | 403.8 | 405.1 | 405.1 | 406.1 | 407.0 | 408.2 |
| 35° | 415.2 | 406.6 | 400.0 | 393.4 | 389.1 | 390.1 | 390.7 | 391.4 | 393.0 | 395.0 | 396.4 |
| 37.5° | 394.3 | 386.8 | 380.0 | 374.8 | 372.8 | 374.6 | 376.2 | 377.5 | 379.5 | 381.0 | 382.3 |
| 40° | 379.2 | 373.6 | 367.0 | 362.4 | 363.1 | 364.0 | 365.4 | 367.0 | 368.7 | 369.6 | 371.0 |
| 42.5° | 365.2 | 359.4 | 354.4 | 350.5 | 351.5 | 352.8 | 353.5 | 354.4 | 356.3 | 358.1 | 358.9 |
| 45° | 344.0 | 339.3 | 334.7 | 332.4 | 333.0 | 333.7 | 334.4 | 335.4 | 337.0 | 338.4 | 338.6 |
| 47.5° | 320.0 | 316.8 | 313.7 | 311.4 | 312.5 | 312.2 | 313.1 | 315.2 | 315.7 | 316.5 | 318.3 |
| 50° | 304.7 | 301.7 | 298.1 | 297.5 | 297.5 | 297.5 | 297.7 | 300.4 | 300.4 | 301.7 | 303.1 |
| 52.5° | 287.8 | 285.9 | 283.6 | 282.4 | 281.9 | 281.9 | 283.3 | 284.6 | 285.1 | 287.0 | 288.3 |
| 55° | 262.8 | 260.8 | 258.9 | 257.9 | 257.2 | 257.9 | 260.5 | 261.1 | 262.8 | 263.8 | 264.8 |
| 57.5° | 236.8 | 235.2 | 233.7 | 233.2 | 233.0 | 233.8 | 235.3 | 237.3 | 237.7 | 240.7 | 242.2 |
| 60° | 219.6 | 217.3 | 216.0 | 216.0 | 215.3 | 218.3 | 217.7 | 220.9 | 221.6 | 223.6 | 225.9 |
| 62.5° | 201.9 | 198.8 | 198.3 | 198.3 | 199.2 | 200.1 | 201.0 | 202.5 | 204.2 | 206.7 | 208.4 |
| 65° | 173.5 | 171.8 | 174.1 | 173.7 | 173.1 | 175.1 | 175.1 | 176.8 | 178.7 | 181.1 | 184.7 |
| 67.5° | 146.5 | 145.6 | 145.9 | 145.9 | 146.8 | 147.9 | 148.9 | 150.3 | 152.7 | 155.2 | 157.5 |
| 70° | 128.3 | 129.2 | 127.6 | 129.0 | 129.9 | 130.3 | 130.9 | 132.9 | 135.5 | 137.2 | 139.8 |
| 72.5° | 110.6 | 110.6 | 110.7 | 111.2 | 112.3 | 112.9 | 113.5 | 115.7 | 118.6 | 120.0 | 122.2 |
| 75° | 85.1 | 84.7 | 85.8 | 85.8 | 87.4 | 88.1 | 88.7 | 89.7 | 92.3 | 94.3 | 96.0 |
| 77.5° | 62.2 | 62.5 | 62.3 | 63.5 | 63.0 | 63.1 | 65.2 | 66.1 | 66.4 | 70.3 | 71.2 |
| 80° | 46.8 | 47.5 | 47.8 | 48.1 | 48.5 | 47.8 | 50.1 | 51.1 | 51.1 | 53.4 | 55.1 |
| 82.5° | 33.7 | 34.0 | 34.9 | 35.2 | 35.3 | 35.9 | 36.2 | 36.9 | 37.6 | 38.7 | 40.8 |
| 85° | 16.8 | 17.8 | 18.2 | 17.8 | 18.2 | 17.5 | 18.4 | 18.8 | 19.1 | 19.1 | 19.1 |
| 87.5° | 5.9 | 6.3 | 6.2 | 6.6 | 6.5 | 7.0 | 7.1 | 6.5 | 6.6 | 7.5 | 6.5 |
| 90° | 3.0 | 3.8 | 4.6 | 5.5 | 6.5 | 7.3 | 7.6 | 7.8 | 8.1 | 8.4 | 8.6 |
| 92.5° | 9.2 | 9.6 | 10.2 | 10.7 | 11.2 | 11.7 | 11.9 | 12.1 | 12.3 | 12.6 | 12.7 |
| 95° | 19.8 | 20.3 | 20.9 | 21.4 | 22.0 | 22.6 | 22.8 | 23.1 | 23.3 | 23.6 | 23.8 |
| 97.5° | 33.3 | 33.7 | 34.1 | 34.4 | 34.9 | 35.2 | 35.6 | 35.8 | 36.2 | 36.5 | 36.6 |
| 100° | 43.0 | 43.4 | 43.7 | 44.1 | 44.4 | 44.7 | 44.9 | 45.1 | 45.4 | 45.5 | 45.7 |
| 102.5° | 53.3 | 53.6 | 54.1 | 54.6 | 55.0 | 55.4 | 55.6 | 55.9 | 56.1 | 56.2 | 56.3 |
| 105° | 69.0 | 69.4 | 70.0 | 70.6 | 71.2 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| 107.5° | 87.6 | 87.6 | 87.9 | 88.2 | 88.4 | 88.7 | 88.9 | 89.1 | 89.3 | 89.5 | 89.6 |
| 110° | 99.4 | 99.5 | 99.7 | 99.9 | 100.0 | 100.1 | 100.4 | 100.7 | 100.9 | 101.2 | 101.3 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 111.4 | 111.4 | 111.5 | 111.5 | 111.5 | 111.6 | 111.8 | 112.2 | 112.5 | 112.9 | 113.0 |
| 115° | 130.1 | 130.2 | 130.0 | 129.9 | 129.8 | 129.6 | 129.7 | 129.8 | 129.8 | 129.9 | 129.9 |
| 117.5° | 148.3 | 148.2 | 148.0 | 147.8 | 147.7 | 147.5 | 147.5 | 147.5 | 147.5 | 147.5 | 147.3 |
| 120° | 160.7 | 160.7 | 160.5 | 160.1 | 159.8 | 159.5 | 159.4 | 159.3 | 159.2 | 159.2 | 159.0 |
| 122.5° | 172.3 | 172.3 | 172.1 | 171.9 | 171.8 | 171.6 | 171.4 | 171.3 | 171.1 | 170.9 | 170.7 |
| 125° | 190.1 | 190.1 | 189.9 | 189.9 | 189.7 | 189.6 | 189.2 | 189.0 | 188.7 | 188.5 | 188.2 |
| 127.5° | 207.8 | 207.9 | 207.8 | 207.6 | 207.5 | 207.3 | 207.0 | 206.6 | 206.2 | 205.8 | 205.4 |
| 130° | 219.4 | 219.6 | 219.4 | 219.2 | 219.0 | 218.8 | 218.5 | 218.3 | 217.9 | 217.7 | 217.3 |
| 132.5° | 230.6 | 230.8 | 230.7 | 230.5 | 230.3 | 230.2 | 229.9 | 229.5 | 229.2 | 228.9 | 228.6 |
| 135° | 247.2 | 247.4 | 247.3 | 247.2 | 247.1 | 247.1 | 246.8 | 246.5 | 246.2 | 246.0 | 245.8 |
| 137.5° | 262.7 | 262.9 | 263.1 | 263.3 | 263.5 | 263.6 | 263.4 | 263.1 | 262.9 | 262.5 | 262.3 |
| 140° | 273.7 | 273.9 | 274.0 | 274.0 | 274.1 | 274.1 | 274.1 | 274.0 | 274.0 | 273.9 | 273.6 |
| 142.5° | 283.6 | 283.9 | 284.0 | 284.1 | 284.2 | 284.4 | 284.3 | 284.2 | 284.1 | 284.1 | 283.9 |
| 145° | 298.4 | 298.6 | 298.8 | 299.0 | 299.2 | 299.4 | 299.4 | 299.3 | 299.2 | 299.1 | 298.9 |
| 147.5° | 312.5 | 312.7 | 312.9 | 313.1 | 313.2 | 313.5 | 313.5 | 313.5 | 313.5 | 313.5 | 313.2 |
| 150° | 321.6 | 321.7 | 321.8 | 321.9 | 322.1 | 322.2 | 322.2 | 322.2 | 322.2 | 322.2 | 322.0 |
| 152.5° | 329.6 | 329.7 | 329.8 | 329.8 | 329.9 | 330.0 | 330.1 | 330.2 | 330.4 | 330.5 | 330.3 |
| 155° | 341.1 | 341.1 | 341.2 | 341.2 | 341.3 | 341.4 | 341.6 | 341.9 | 342.2 | 342.5 | 342.3 |
| 157.5° | 351.2 | 351.2 | 351.3 | 351.3 | 351.4 | 351.5 | 351.7 | 352.0 | 352.3 | 352.6 | 352.5 |
| 160° | 357.6 | 357.5 | 357.5 | 357.5 | 357.5 | 357.5 | 357.8 | 358.2 | 358.5 | 358.9 | 358.9 |
| 162.5° | 363.2 | 363.2 | 363.2 | 363.3 | 363.3 | 363.3 | 363.7 | 364.0 | 364.4 | 364.7 | 364.6 |
| 165° | 370.7 | 370.6 | 370.6 | 370.6 | 370.6 | 370.6 | 371.0 | 371.4 | 371.8 | 372.2 | 372.2 |
| 167.5° | 376.4 | 376.3 | 376.4 | 376.4 | 376.5 | 376.6 | 376.9 | 377.4 | 377.8 | 378.2 | 378.2 |
| 170° | 379.9 | 379.7 | 379.7 | 379.7 | 379.7 | 379.7 | 380.2 | 380.6 | 381.2 | 381.6 | 381.6 |
| 172.5° | 382.5 | 382.4 | 382.4 | 382.4 | 382.4 | 382.4 | 382.8 | 383.2 | 383.7 | 384.1 | 384.1 |
| 175° | 385.4 | 385.2 | 385.2 | 385.2 | 385.2 | 385.2 | 385.6 | 386.0 | 386.4 | 386.8 | 386.8 |
| 177.5° | 386.7 | 386.6 | 386.6 | 386.6 | 386.6 | 386.6 | 386.9 | 387.3 | 387.5 | 387.9 | 387.9 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 650.8 | 650.6 | 652.4 | 651.1 | 652.4 | 650.6 | 650.8 | 652.6 | 653.2 | 653.4 | 653.4 |
| 5° | 605.8 | 606.7 | 603.5 | 603.5 | 603.5 | 606.7 | 605.8 | 607.8 | 609.4 | 610.7 | 612.7 |
| 7.5° | 565.7 | 564.2 | 564.4 | 562.6 | 564.4 | 564.2 | 565.7 | 567.2 | 569.4 | 572.2 | 575.0 |
| 10° | 541.1 | 539.2 | 538.5 | 538.8 | 538.5 | 539.2 | 541.1 | 545.1 | 546.4 | 549.1 | 552.0 |
| 12.5° | 520.8 | 520.4 | 516.1 | 516.2 | 516.1 | 520.4 | 520.8 | 521.9 | 524.8 | 530.3 | 533.8 |
| 15° | 497.0 | 490.7 | 490.0 | 492.0 | 490.0 | 490.7 | 497.0 | 497.0 | 498.3 | 502.6 | 504.5 |
| 17.5° | 473.0 | 469.7 | 469.9 | 468.9 | 469.9 | 469.7 | 473.0 | 473.6 | 474.6 | 478.1 | 480.7 |
| 20° | 460.4 | 458.4 | 458.1 | 455.7 | 458.1 | 458.4 | 460.4 | 460.4 | 461.7 | 463.3 | 466.0 |
| 22.5° | 448.8 | 448.1 | 448.2 | 445.7 | 448.2 | 448.1 | 448.8 | 449.5 | 450.8 | 451.9 | 453.8 |
| 25° | 434.3 | 435.9 | 434.6 | 434.6 | 434.6 | 435.9 | 434.3 | 434.6 | 435.0 | 436.6 | 437.9 |
| 27.5° | 424.6 | 424.5 | 423.8 | 423.8 | 423.8 | 424.5 | 424.6 | 423.7 | 423.4 | 422.8 | 422.5 |
| 30° | 417.2 | 416.8 | 417.5 | 417.5 | 417.5 | 416.8 | 417.2 | 415.9 | 415.2 | 414.8 | 413.5 |
| 32.5° | 409.7 | 410.2 | 410.4 | 410.6 | 410.4 | 410.2 | 409.7 | 408.2 | 407.0 | 406.1 | 405.1 |
| 35° | 398.4 | 398.6 | 399.7 | 399.0 | 399.7 | 398.6 | 398.4 | 396.4 | 395.0 | 393.0 | 391.4 |
| 37.5° | 382.9 | 384.4 | 384.1 | 384.6 | 384.1 | 384.4 | 382.9 | 382.3 | 381.0 | 379.5 | 377.5 |
| 40° | 371.3 | 372.3 | 372.0 | 372.0 | 372.0 | 372.3 | 371.3 | 371.0 | 369.6 | 368.7 | 367.0 |
| 42.5° | 359.5 | 360.2 | 359.3 | 358.8 | 359.3 | 360.2 | 359.5 | 358.9 | 358.1 | 356.3 | 354.4 |
| 45° | 340.0 | 339.3 | 340.4 | 339.0 | 340.4 | 339.3 | 340.0 | 338.6 | 338.4 | 337.0 | 335.4 |
| 47.5° | 318.2 | 318.9 | 319.2 | 320.1 | 319.2 | 318.9 | 318.2 | 318.3 | 316.5 | 315.7 | 315.2 |
| 50° | 303.7 | 305.7 | 305.7 | 305.4 | 305.7 | 305.7 | 303.7 | 303.1 | 301.7 | 300.4 | 300.4 |
| 52.5° | 289.5 | 290.4 | 291.7 | 291.6 | 291.7 | 290.4 | 289.5 | 288.3 | 287.0 | 285.1 | 284.6 |
| 55° | 267.4 | 268.1 | 268.7 | 269.1 | 268.7 | 268.1 | 267.4 | 264.8 | 263.8 | 262.8 | 261.1 |
| 57.5° | 244.6 | 244.4 | 245.9 | 246.4 | 245.9 | 244.4 | 244.6 | 242.2 | 240.7 | 237.7 | 237.3 |
| 60° | 228.5 | 228.5 | 231.2 | 232.1 | 231.2 | 228.5 | 228.5 | 225.9 | 223.6 | 221.6 | 220.9 |
| 62.5° | 211.4 | 212.4 | 215.1 | 213.7 | 215.1 | 212.4 | 211.4 | 208.4 | 206.7 | 204.2 | 202.5 |
| 65° | 186.3 | 189.0 | 188.6 | 189.9 | 188.6 | 189.0 | 186.3 | 184.7 | 181.1 | 178.7 | 176.8 |
| 67.5° | 160.1 | 161.8 | 164.2 | 164.4 | 164.2 | 161.8 | 160.1 | 157.5 | 155.2 | 152.7 | 150.3 |
| 70° | 142.5 | 144.1 | 145.4 | 146.4 | 145.4 | 144.1 | 142.5 | 139.8 | 137.2 | 135.5 | 132.9 |
| 72.5° | 125.3 | 126.1 | 129.3 | 127.9 | 129.3 | 126.1 | 125.3 | 122.2 | 120.0 | 118.6 | 115.7 |
| 75° | 98.2 | 100.6 | 102.5 | 101.6 | 102.5 | 100.6 | 98.2 | 96.0 | 94.3 | 92.3 | 89.7 |
| 77.5° | 72.7 | 75.0 | 75.9 | 75.1 | 75.9 | 75.0 | 72.7 | 71.2 | 70.3 | 66.4 | 66.1 |
| 80° | 57.3 | 57.1 | 59.1 | 58.7 | 59.1 | 57.1 | 57.3 | 55.1 | 53.4 | 51.1 | 51.1 |
| 82.5° | 42.1 | 41.8 | 42.7 | 42.9 | 42.7 | 41.8 | 42.1 | 40.8 | 38.7 | 37.6 | 36.9 |
| 85° | 20.4 | 21.4 | 20.1 | 19.8 | 20.1 | 21.4 | 20.4 | 19.1 | 19.1 | 19.1 | 18.8 |
| 87.5° | 6.5 | 6.5 | 6.3 | 6.0 | 6.3 | 6.5 | 6.5 | 6.5 | 7.5 | 6.6 | 6.5 |
| 90° | 8.7 | 8.9 | 9.0 | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.4 | 8.1 | 7.8 |
| 92.5° | 12.6 | 12.5 | 12.4 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.6 | 12.3 | 12.1 |
| 95° | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.6 | 23.3 | 23.1 |
| 97.5° | 36.6 | 36.6 | 36.5 | 36.5 | 36.5 | 36.6 | 36.6 | 36.6 | 36.5 | 36.2 | 35.8 |
| 100° | 45.8 | 46.0 | 46.1 | 46.2 | 46.1 | 46.0 | 45.8 | 45.7 | 45.5 | 45.4 | 45.1 |
| 102.5° | 56.3 | 56.3 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.2 | 56.1 | 55.9 |
| 105° | 72.0 | 72.2 | 72.3 | 72.4 | 72.3 | 72.2 | 72.0 | 71.9 | 71.8 | 71.8 | 71.8 |
| 107.5° | 89.5 | 89.5 | 89.4 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.5 | 89.3 | 89.1 |
| 110° | 101.1 | 101.0 | 100.8 | 100.7 | 100.8 | 101.0 | 101.1 | 101.3 | 101.2 | 100.9 | 100.7 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 113.0 | 113.0 | 112.9 | 112.9 | 112.9 | 113.0 | 113.0 | 113.0 | 112.9 | 112.5 | 112.2 |
| 115° | 129.8 | 129.8 | 129.7 | 129.6 | 129.7 | 129.8 | 129.8 | 129.9 | 129.9 | 129.8 | 129.8 |
| 117.5° | 147.1 | 147.0 | 146.8 | 146.6 | 146.8 | 147.0 | 147.1 | 147.3 | 147.5 | 147.5 | 147.5 |
| 120° | 158.9 | 158.8 | 158.7 | 158.5 | 158.7 | 158.8 | 158.9 | 159.0 | 159.2 | 159.2 | 159.3 |
| 122.5° | 170.6 | 170.3 | 170.1 | 170.0 | 170.1 | 170.3 | 170.6 | 170.7 | 170.9 | 171.1 | 171.3 |
| 125° | 188.0 | 187.7 | 187.4 | 187.1 | 187.4 | 187.7 | 188.0 | 188.2 | 188.5 | 188.7 | 189.0 |
| 127.5° | 205.2 | 204.8 | 204.6 | 204.2 | 204.6 | 204.8 | 205.2 | 205.4 | 205.8 | 206.2 | 206.6 |
| 130° | 216.9 | 216.4 | 215.9 | 215.4 | 215.9 | 216.4 | 216.9 | 217.3 | 217.7 | 217.9 | 218.3 |
| 132.5° | 228.2 | 227.8 | 227.5 | 227.1 | 227.5 | 227.8 | 228.2 | 228.6 | 228.9 | 229.2 | 229.5 |
| 135° | 245.6 | 245.5 | 245.4 | 245.2 | 245.4 | 245.5 | 245.6 | 245.8 | 246.0 | 246.2 | 246.5 |
| 137.5° | 262.0 | 261.7 | 261.5 | 261.2 | 261.5 | 261.7 | 262.0 | 262.3 | 262.5 | 262.9 | 263.1 |
| 140° | 273.1 | 272.7 | 272.2 | 271.7 | 272.2 | 272.7 | 273.1 | 273.6 | 273.9 | 274.0 | 274.0 |
| 142.5° | 283.5 | 283.2 | 282.8 | 282.4 | 282.8 | 283.2 | 283.5 | 283.9 | 284.1 | 284.1 | 284.2 |
| 145° | 298.7 | 298.4 | 298.2 | 297.9 | 298.2 | 298.4 | 298.7 | 298.9 | 299.1 | 299.2 | 299.3 |
| 147.5° | 312.9 | 312.5 | 312.0 | 311.6 | 312.0 | 312.5 | 312.9 | 313.2 | 313.5 | 313.5 | 313.5 |
| 150° | 321.6 | 321.2 | 320.8 | 320.4 | 320.8 | 321.2 | 321.6 | 322.0 | 322.2 | 322.2 | 322.2 |
| 152.5° | 329.9 | 329.6 | 329.2 | 328.9 | 329.2 | 329.6 | 329.9 | 330.3 | 330.5 | 330.4 | 330.2 |
| 155° | 341.9 | 341.4 | 341.0 | 340.4 | 341.0 | 341.4 | 341.9 | 342.3 | 342.5 | 342.2 | 341.9 |
| 157.5° | 352.1 | 351.8 | 351.4 | 351.0 | 351.4 | 351.8 | 352.1 | 352.5 | 352.6 | 352.3 | 352.0 |
| 160° | 358.6 | 358.3 | 358.1 | 357.8 | 358.1 | 358.3 | 358.6 | 358.9 | 358.9 | 358.5 | 358.2 |
| 162.5° | 364.2 | 363.8 | 363.3 | 362.9 | 363.3 | 363.8 | 364.2 | 364.6 | 364.7 | 364.4 | 364.0 |
| 165° | 371.7 | 371.3 | 370.7 | 370.3 | 370.7 | 371.3 | 371.7 | 372.2 | 372.2 | 371.8 | 371.4 |
| 167.5° | 377.8 | 377.4 | 376.9 | 376.6 | 376.9 | 377.4 | 377.8 | 378.2 | 378.2 | 377.8 | 377.4 |
| 170° | 381.2 | 380.6 | 380.2 | 379.7 | 380.2 | 380.6 | 381.2 | 381.6 | 381.6 | 381.2 | 380.6 |
| 172.5° | 383.6 | 383.1 | 382.6 | 382.2 | 382.6 | 383.1 | 383.6 | 384.1 | 384.1 | 383.7 | 383.2 |
| 175° | 386.3 | 385.8 | 385.4 | 384.9 | 385.4 | 385.8 | 386.3 | 386.8 | 386.8 | 386.4 | 386.0 |
| 177.5° | 387.5 | 387.1 | 386.8 | 386.3 | 386.8 | 387.1 | 387.5 | 387.9 | 387.9 | 387.5 | 387.3 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 652.6 | 652.6 | 657.6 | 660.8 | 664.8 | 667.4 | 669.3 | 671.1 | 674.2 | 678.6 | 683.3 |
| 5° | 615.4 | 616.6 | 623.9 | 631.2 | 638.1 | 644.0 | 648.9 | 654.9 | 662.2 | 671.1 | 681.0 |
| 7.5° | 579.2 | 584.3 | 591.6 | 600.5 | 610.1 | 618.8 | 627.5 | 637.3 | 647.5 | 660.6 | 674.5 |
| 10° | 555.9 | 561.5 | 570.5 | 581.7 | 591.9 | 602.1 | 613.0 | 623.5 | 636.5 | 651.9 | 669.8 |
| 12.5° | 535.6 | 541.0 | 550.2 | 562.4 | 572.1 | 583.4 | 595.9 | 609.6 | 624.1 | 642.7 | 662.9 |
| 15° | 507.5 | 513.8 | 525.0 | 530.9 | 545.8 | 559.3 | 570.8 | 590.6 | 609.1 | 628.2 | 651.6 |
| 17.5° | 484.4 | 487.9 | 497.0 | 508.0 | 519.1 | 534.3 | 549.4 | 565.8 | 584.3 | 607.7 | 637.0 |
| 20° | 468.6 | 471.6 | 481.5 | 493.0 | 504.9 | 518.8 | 532.3 | 548.7 | 569.5 | 594.3 | 625.9 |
| 22.5° | 456.7 | 459.9 | 466.4 | 478.7 | 489.8 | 501.3 | 514.8 | 534.5 | 556.6 | 580.7 | 615.1 |
| 25° | 439.5 | 441.5 | 445.8 | 455.7 | 465.6 | 478.5 | 490.3 | 508.9 | 531.6 | 559.9 | 594.3 |
| 27.5° | 423.3 | 425.2 | 428.8 | 435.8 | 445.1 | 455.6 | 468.5 | 484.1 | 507.2 | 538.0 | 574.5 |
| 30° | 413.5 | 413.9 | 417.2 | 423.7 | 431.6 | 440.2 | 452.1 | 469.9 | 491.6 | 523.0 | 561.3 |
| 32.5° | 405.1 | 403.8 | 406.0 | 411.0 | 418.7 | 427.3 | 437.0 | 454.6 | 475.6 | 506.4 | 545.7 |
| 35° | 390.7 | 390.1 | 389.1 | 393.4 | 400.0 | 406.6 | 415.2 | 428.3 | 452.1 | 480.8 | 522.0 |
| 37.5° | 376.2 | 374.6 | 372.8 | 374.8 | 380.0 | 386.8 | 394.3 | 406.0 | 426.5 | 458.1 | 497.5 |
| 40° | 365.4 | 364.0 | 363.1 | 362.4 | 367.0 | 373.6 | 379.2 | 390.5 | 409.6 | 439.5 | 478.5 |
| 42.5° | 353.5 | 352.8 | 351.5 | 350.5 | 354.4 | 359.4 | 365.2 | 375.1 | 394.3 | 422.4 | 459.3 |
| 45° | 334.4 | 333.7 | 333.0 | 332.4 | 334.7 | 339.3 | 344.0 | 351.2 | 367.6 | 395.0 | 428.3 |
| 47.5° | 313.1 | 312.2 | 312.5 | 311.4 | 313.7 | 316.8 | 320.0 | 327.8 | 343.6 | 365.7 | 390.0 |
| 50° | 297.7 | 297.5 | 297.5 | 297.5 | 298.1 | 301.7 | 304.7 | 310.6 | 325.1 | 347.2 | 364.7 |
| 52.5° | 283.3 | 281.9 | 281.9 | 282.4 | 283.6 | 285.9 | 287.8 | 294.3 | 306.9 | 325.1 | 341.0 |
| 55° | 260.5 | 257.9 | 257.2 | 257.9 | 258.9 | 260.8 | 262.8 | 268.1 | 279.0 | 292.5 | 301.7 |
| 57.5° | 235.3 | 233.8 | 233.0 | 233.2 | 233.7 | 235.2 | 236.8 | 242.5 | 251.1 | 258.1 | 264.1 |
| 60° | 217.7 | 218.3 | 215.3 | 216.0 | 216.0 | 217.3 | 219.6 | 223.3 | 230.5 | 235.5 | 241.4 |
| 62.5° | 201.0 | 200.1 | 199.2 | 198.3 | 198.3 | 198.8 | 201.9 | 204.7 | 210.9 | 213.5 | 218.2 |
| 65° | 175.1 | 175.1 | 173.1 | 173.7 | 174.1 | 171.8 | 173.5 | 176.8 | 180.7 | 181.7 | 186.0 |
| 67.5° | 148.9 | 147.9 | 146.8 | 145.9 | 145.9 | 145.6 | 146.5 | 148.1 | 151.1 | 151.4 | 154.7 |
| 70° | 130.9 | 130.3 | 129.9 | 129.0 | 127.6 | 129.2 | 128.3 | 129.9 | 131.6 | 131.9 | 133.9 |
| 72.5° | 113.5 | 112.9 | 112.3 | 111.2 | 110.7 | 110.6 | 110.6 | 112.5 | 113.7 | 113.1 | 115.4 |
| 75° | 88.7 | 88.1 | 87.4 | 85.8 | 85.8 | 84.7 | 85.1 | 86.4 | 87.7 | 86.7 | 88.7 |
| 77.5° | 65.2 | 63.1 | 63.0 | 63.5 | 62.3 | 62.5 | 62.2 | 61.9 | 62.5 | 62.6 | 64.4 |
| 80° | 50.1 | 47.8 | 48.5 | 48.1 | 47.8 | 47.5 | 46.8 | 47.2 | 47.5 | 47.8 | 48.8 |
| 82.5° | 36.2 | 35.9 | 35.3 | 35.2 | 34.9 | 34.0 | 33.7 | 34.3 | 34.5 | 34.4 | 35.1 |
| 85° | 18.4 | 17.5 | 18.2 | 17.8 | 18.2 | 17.8 | 16.8 | 16.8 | 17.5 | 17.1 | 17.8 |
| 87.5° | 7.1 | 7.0 | 6.5 | 6.6 | 6.2 | 6.3 | 5.9 | 6.0 | 6.1 | 6.0 | 6.4 |
| 90° | 7.6 | 7.3 | 6.5 | 5.5 | 4.6 | 3.8 | 3.0 | 2.3 | 1.6 | 0.9 | 0.3 |
| 92.5° | 11.9 | 11.7 | 11.2 | 10.7 | 10.2 | 9.6 | 9.2 | 8.8 | 8.3 | 7.8 | 7.4 |
| 95° | 22.8 | 22.6 | 22.0 | 21.4 | 20.9 | 20.3 | 19.8 | 19.4 | 18.9 | 18.4 | 18.0 |
| 97.5° | 35.6 | 35.2 | 34.9 | 34.4 | 34.1 | 33.7 | 33.3 | 33.0 | 32.6 | 32.2 | 31.9 |
| 100° | 44.9 | 44.7 | 44.4 | 44.1 | 43.7 | 43.4 | 43.0 | 42.6 | 42.2 | 41.8 | 41.4 |
| 102.5° | 55.6 | 55.4 | 55.0 | 54.6 | 54.1 | 53.6 | 53.3 | 53.0 | 52.8 | 52.6 | 52.3 |
| 105° | 71.8 | 71.8 | 71.2 | 70.6 | 70.0 | 69.4 | 69.0 | 68.9 | 68.7 | 68.6 | 68.4 |
| 107.5° | 88.9 | 88.7 | 88.4 | 88.2 | 87.9 | 87.6 | 87.6 | 87.5 | 87.4 | 87.3 | 87.2 |
| 110° | 100.4 | 100.1 | 100.0 | 99.9 | 99.7 | 99.5 | 99.4 | 99.3 | 99.2 | 99.0 | 98.9 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 111.8 | 111.6 | 111.5 | 111.5 | 111.5 | 111.4 | 111.4 | 111.3 | 111.2 | 111.2 | 111.1 |
| 115° | 129.7 | 129.6 | 129.8 | 129.9 | 130.0 | 130.2 | 130.1 | 129.9 | 129.8 | 129.5 | 129.3 |
| 117.5° | 147.5 | 147.5 | 147.7 | 147.8 | 148.0 | 148.2 | 148.3 | 148.1 | 148.0 | 147.8 | 147.7 |
| 120° | 159.4 | 159.5 | 159.8 | 160.1 | 160.5 | 160.7 | 160.7 | 160.3 | 160.0 | 159.5 | 159.1 |
| 122.5° | 171.4 | 171.6 | 171.8 | 171.9 | 172.1 | 172.3 | 172.3 | 171.9 | 171.7 | 171.3 | 171.1 |
| 125° | 189.2 | 189.6 | 189.7 | 189.9 | 189.9 | 190.1 | 190.1 | 189.9 | 189.7 | 189.4 | 189.2 |
| 127.5° | 207.0 | 207.3 | 207.5 | 207.6 | 207.8 | 207.9 | 207.8 | 207.3 | 206.9 | 206.5 | 206.0 |
| 130° | 218.5 | 218.8 | 219.0 | 219.2 | 219.4 | 219.6 | 219.4 | 218.9 | 218.3 | 217.7 | 217.2 |
| 132.5° | 229.9 | 230.2 | 230.3 | 230.5 | 230.7 | 230.8 | 230.6 | 230.1 | 229.5 | 229.0 | 228.4 |
| 135° | 246.8 | 247.1 | 247.1 | 247.2 | 247.3 | 247.4 | 247.2 | 246.8 | 246.3 | 246.0 | 245.6 |
| 137.5° | 263.4 | 263.6 | 263.5 | 263.3 | 263.1 | 262.9 | 262.7 | 262.3 | 262.0 | 261.7 | 261.4 |
| 140° | 274.1 | 274.1 | 274.1 | 274.0 | 274.0 | 273.9 | 273.7 | 273.4 | 273.0 | 272.7 | 272.3 |
| 142.5° | 284.3 | 284.4 | 284.2 | 284.1 | 284.0 | 283.9 | 283.6 | 283.4 | 283.0 | 282.7 | 282.3 |
| 145° | 299.4 | 299.4 | 299.2 | 299.0 | 298.8 | 298.6 | 298.4 | 298.3 | 298.2 | 298.0 | 297.9 |
| 147.5° | 313.5 | 313.5 | 313.2 | 313.1 | 312.9 | 312.7 | 312.5 | 312.3 | 312.0 | 311.8 | 311.5 |
| 150° | 322.2 | 322.2 | 322.1 | 321.9 | 321.8 | 321.7 | 321.6 | 321.4 | 321.2 | 321.2 | 321.0 |
| 152.5° | 330.1 | 330.0 | 329.9 | 329.8 | 329.8 | 329.7 | 329.6 | 329.3 | 329.2 | 329.0 | 328.8 |
| 155° | 341.6 | 341.4 | 341.3 | 341.2 | 341.2 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 |
| 157.5° | 351.7 | 351.5 | 351.4 | 351.3 | 351.3 | 351.2 | 351.2 | 351.3 | 351.4 | 351.5 | 351.5 |
| 160° | 357.8 | 357.5 | 357.5 | 357.5 | 357.5 | 357.5 | 357.6 | 357.7 | 357.8 | 358.0 | 358.1 |
| 162.5° | 363.7 | 363.3 | 363.3 | 363.3 | 363.2 | 363.2 | 363.2 | 363.4 | 363.6 | 363.8 | 363.9 |
| 165° | 371.0 | 370.6 | 370.6 | 370.6 | 370.6 | 370.6 | 370.7 | 370.9 | 371.1 | 371.3 | 371.5 |
| 167.5° | 376.9 | 376.6 | 376.5 | 376.4 | 376.4 | 376.3 | 376.4 | 376.7 | 377.0 | 377.3 | 377.5 |
| 170° | 380.2 | 379.7 | 379.7 | 379.7 | 379.7 | 379.7 | 379.9 | 380.1 | 380.4 | 380.6 | 380.9 |
| 172.5° | 382.8 | 382.4 | 382.4 | 382.4 | 382.4 | 382.4 | 382.5 | 382.8 | 383.1 | 383.3 | 383.7 |
| 175° | 385.6 | 385.2 | 385.2 | 385.2 | 385.2 | 385.2 | 385.4 | 385.6 | 385.9 | 386.2 | 386.4 |
| 177.5° | 386.9 | 386.6 | 386.6 | 386.6 | 386.6 | 386.6 | 386.7 | 386.9 | 387.1 | 387.4 | 387.5 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 684.8 | 686.1 | 690.6 | 693.8 | 697.5 | 699.6 | 701.7 | 703.4 | 705.4 | 705.9 | 713.6 |
| 5° | 687.9 | 694.5 | 706.0 | 714.5 | 725.1 | 736.7 | 744.6 | 748.2 | 757.8 | 765.7 | 781.5 |
| 7.5° | 687.0 | 701.0 | 718.5 | 736.6 | 756.0 | 773.9 | 789.5 | 807.9 | 821.0 | 840.8 | 860.2 |
| 10° | 686.2 | 705.0 | 727.5 | 750.5 | 777.6 | 802.6 | 825.1 | 850.2 | 870.9 | 898.3 | 921.7 |
| 12.5° | 683.9 | 706.6 | 737.7 | 765.0 | 797.9 | 832.4 | 865.6 | 897.9 | 916.3 | 961.8 | 983.4 |
| 15° | 678.0 | 705.0 | 743.9 | 785.5 | 830.7 | 871.6 | 913.8 | 947.4 | 1001.8 | 1041.7 | 1067.1 |
| 17.5° | 666.8 | 704.6 | 750.8 | 800.9 | 855.8 | 909.7 | 957.5 | 1008.6 | 1066.3 | 1114.6 | 1166.1 |
| 20° | 661.5 | 703.0 | 754.5 | 809.9 | 866.9 | 927.9 | 982.3 | 1043.7 | 1106.6 | 1154.2 | 1220.1 |
| 22.5° | 651.8 | 698.8 | 754.2 | 816.0 | 876.9 | 940.0 | 1003.8 | 1065.6 | 1138.3 | 1203.8 | 1266.5 |
| 25° | 635.8 | 688.5 | 745.9 | 814.9 | 886.4 | 949.7 | 1025.9 | 1108.0 | 1183.9 | 1267.9 | 1330.6 |
| 27.5° | 619.1 | 675.4 | 732.9 | 796.9 | 873.9 | 949.1 | 1044.9 | 1137.6 | 1230.4 | 1303.0 | 1349.4 |
| 30° | 606.1 | 660.8 | 720.2 | 784.8 | 861.0 | 950.4 | 1057.6 | 1158.7 | 1249.1 | 1311.5 | 1337.5 |
| 32.5° | 592.1 | 647.6 | 700.2 | 767.9 | 849.1 | 949.6 | 1065.5 | 1171.1 | 1250.2 | 1291.7 | 1286.6 |
| 35° | 570.2 | 616.6 | 667.8 | 733.1 | 828.7 | 943.7 | 1070.1 | 1172.3 | 1220.7 | 1211.9 | 1144.6 |
| 37.5° | 538.5 | 577.6 | 627.9 | 699.4 | 804.9 | 931.6 | 1060.8 | 1137.6 | 1134.4 | 1061.9 | 964.4 |
| 40° | 518.8 | 552.0 | 600.5 | 675.7 | 786.4 | 923.7 | 1046.3 | 1096.1 | 1054.0 | 952.7 | 835.9 |
| 42.5° | 492.8 | 523.5 | 572.0 | 649.3 | 766.2 | 907.6 | 1018.6 | 1033.0 | 950.5 | 834.0 | 727.0 |
| 45° | 452.8 | 479.8 | 529.9 | 609.8 | 735.7 | 872.5 | 951.1 | 915.8 | 804.6 | 684.2 | 602.8 |
| 47.5° | 409.7 | 437.8 | 486.0 | 568.0 | 691.6 | 819.8 | 857.2 | 782.2 | 668.0 | 570.5 | 495.7 |
| 50° | 382.5 | 409.6 | 456.7 | 539.5 | 661.9 | 776.6 | 792.1 | 695.2 | 590.3 | 504.5 | 443.2 |
| 52.5° | 355.1 | 380.6 | 426.9 | 510.0 | 627.0 | 726.4 | 716.9 | 618.1 | 521.7 | 448.6 | 400.5 |
| 55° | 314.3 | 338.4 | 382.5 | 460.4 | 566.9 | 645.7 | 611.1 | 516.8 | 437.0 | 380.2 | 343.6 |
| 57.5° | 277.8 | 300.8 | 338.9 | 409.2 | 501.8 | 555.9 | 512.0 | 432.5 | 369.0 | 325.4 | 298.1 |
| 60° | 253.0 | 273.4 | 309.6 | 375.0 | 455.4 | 496.6 | 453.1 | 382.9 | 329.4 | 294.5 | 270.1 |
| 62.5° | 229.5 | 247.3 | 280.9 | 340.1 | 410.0 | 444.6 | 400.6 | 341.1 | 295.7 | 264.7 | 243.9 |
| 65° | 193.9 | 210.1 | 239.7 | 285.9 | 343.3 | 366.4 | 328.5 | 280.3 | 245.0 | 222.0 | 208.1 |
| 67.5° | 161.4 | 175.1 | 200.8 | 237.1 | 279.4 | 296.2 | 267.3 | 230.1 | 203.5 | 184.9 | 173.9 |
| 70° | 139.8 | 151.7 | 171.8 | 203.1 | 241.4 | 254.3 | 227.2 | 196.6 | 177.1 | 162.2 | 152.1 |
| 72.5° | 121.6 | 130.4 | 148.6 | 172.8 | 204.7 | 214.9 | 196.0 | 169.1 | 150.9 | 139.8 | 131.7 |
| 75° | 92.6 | 99.9 | 111.8 | 131.2 | 153.3 | 159.3 | 145.1 | 128.3 | 116.1 | 108.1 | 101.9 |
| 77.5° | 66.8 | 72.2 | 80.8 | 92.7 | 108.1 | 113.4 | 104.4 | 93.2 | 84.3 | 79.0 | 75.4 |
| 80° | 50.5 | 54.8 | 62.0 | 71.9 | 81.1 | 84.1 | 78.8 | 70.3 | 64.0 | 61.0 | 58.0 |
| 82.5° | 37.3 | 39.7 | 44.1 | 50.8 | 57.1 | 60.6 | 56.1 | 51.0 | 47.6 | 44.9 | 43.8 |
| 85° | 18.8 | 20.1 | 22.1 | 24.7 | 28.7 | 30.0 | 28.3 | 27.0 | 25.1 | 23.4 | 23.4 |
| 87.5° | 7.1 | 7.2 | 8.1 | 8.8 | 10.0 | 10.9 | 10.8 | 10.5 | 10.4 | 10.2 | 10.0 |
| 90° | 0.9 | 1.6 | 2.3 | 3.0 | 3.8 | 4.6 | 5.5 | 6.5 | 7.3 | 7.6 | 7.8 |
| 92.5° | 7.8 | 8.3 | 8.8 | 9.2 | 9.6 | 10.2 | 10.7 | 11.2 | 11.7 | 11.9 | 12.1 |
| 95° | 18.4 | 18.9 | 19.4 | 19.8 | 20.3 | 20.9 | 21.4 | 22.0 | 22.6 | 22.8 | 23.1 |
| 97.5° | 32.2 | 32.6 | 33.0 | 33.3 | 33.7 | 34.1 | 34.4 | 34.9 | 35.2 | 35.6 | 35.8 |
| 100° | 41.8 | 42.2 | 42.6 | 43.0 | 43.4 | 43.7 | 44.1 | 44.4 | 44.7 | 44.9 | 45.1 |
| 102.5° | 52.6 | 52.8 | 53.0 | 53.3 | 53.6 | 54.1 | 54.6 | 55.0 | 55.4 | 55.6 | 55.9 |
| 105° | 68.6 | 68.7 | 68.9 | 69.0 | 69.4 | 70.0 | 70.6 | 71.2 | 71.8 | 71.8 | 71.8 |
| 107.5° | 87.3 | 87.4 | 87.5 | 87.6 | 87.6 | 87.9 | 88.2 | 88.4 | 88.7 | 88.9 | 89.1 |
| 110° | 99.0 | 99.2 | 99.3 | 99.4 | 99.5 | 99.7 | 99.9 | 100.0 | 100.1 | 100.4 | 100.7 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 111.2 | 111.2 | 111.3 | 111.4 | 111.4 | 111.5 | 111.5 | 111.5 | 111.6 | 111.8 | 112.2 |
| 115° | 129.5 | 129.8 | 129.9 | 130.1 | 130.2 | 130.0 | 129.9 | 129.8 | 129.6 | 129.7 | 129.8 |
| 117.5° | 147.8 | 148.0 | 148.1 | 148.3 | 148.2 | 148.0 | 147.8 | 147.7 | 147.5 | 147.5 | 147.5 |
| 120° | 159.5 | 160.0 | 160.3 | 160.7 | 160.7 | 160.5 | 160.1 | 159.8 | 159.5 | 159.4 | 159.3 |
| 122.5° | 171.3 | 171.7 | 171.9 | 172.3 | 172.3 | 172.1 | 171.9 | 171.8 | 171.6 | 171.4 | 171.3 |
| 125° | 189.4 | 189.7 | 189.9 | 190.1 | 190.1 | 189.9 | 189.9 | 189.7 | 189.6 | 189.2 | 189.0 |
| 127.5° | 206.5 | 206.9 | 207.3 | 207.8 | 207.9 | 207.8 | 207.6 | 207.5 | 207.3 | 207.0 | 206.6 |
| 130° | 217.7 | 218.3 | 218.9 | 219.4 | 219.6 | 219.4 | 219.2 | 219.0 | 218.8 | 218.5 | 218.3 |
| 132.5° | 229.0 | 229.5 | 230.1 | 230.6 | 230.8 | 230.7 | 230.5 | 230.3 | 230.2 | 229.9 | 229.5 |
| 135° | 246.0 | 246.3 | 246.8 | 247.2 | 247.4 | 247.3 | 247.2 | 247.1 | 247.1 | 246.8 | 246.5 |
| 137.5° | 261.7 | 262.0 | 262.3 | 262.7 | 262.9 | 263.1 | 263.3 | 263.5 | 263.6 | 263.4 | 263.1 |
| 140° | 272.7 | 273.0 | 273.4 | 273.7 | 273.9 | 274.0 | 274.0 | 274.1 | 274.1 | 274.1 | 274.0 |
| 142.5° | 282.7 | 283.0 | 283.4 | 283.6 | 283.9 | 284.0 | 284.1 | 284.2 | 284.4 | 284.3 | 284.2 |
| 145° | 298.0 | 298.2 | 298.3 | 298.4 | 298.6 | 298.8 | 299.0 | 299.2 | 299.4 | 299.4 | 299.3 |
| 147.5° | 311.8 | 312.0 | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.2 | 313.5 | 313.5 | 313.5 |
| 150° | 321.2 | 321.2 | 321.4 | 321.6 | 321.7 | 321.8 | 321.9 | 322.1 | 322.2 | 322.2 | 322.2 |
| 152.5° | 329.0 | 329.2 | 329.3 | 329.6 | 329.7 | 329.8 | 329.8 | 329.9 | 330.0 | 330.1 | 330.2 |
| 155° | 341.1 | 341.1 | 341.1 | 341.1 | 341.1 | 341.2 | 341.2 | 341.3 | 341.4 | 341.6 | 341.9 |
| 157.5° | 351.5 | 351.4 | 351.3 | 351.2 | 351.2 | 351.3 | 351.3 | 351.4 | 351.5 | 351.7 | 352.0 |
| 160° | 358.0 | 357.8 | 357.7 | 357.6 | 357.5 | 357.5 | 357.5 | 357.5 | 357.5 | 357.8 | 358.2 |
| 162.5° | 363.8 | 363.6 | 363.4 | 363.2 | 363.2 | 363.2 | 363.3 | 363.3 | 363.3 | 363.7 | 364.0 |
| 165° | 371.3 | 371.1 | 370.9 | 370.7 | 370.6 | 370.6 | 370.6 | 370.6 | 370.6 | 371.0 | 371.4 |
| 167.5° | 377.3 | 377.0 | 376.7 | 376.4 | 376.3 | 376.4 | 376.4 | 376.5 | 376.6 | 376.9 | 377.4 |
| 170° | 380.6 | 380.4 | 380.1 | 379.9 | 379.7 | 379.7 | 379.7 | 379.7 | 379.7 | 380.2 | 380.6 |
| 172.5° | 383.3 | 383.1 | 382.8 | 382.5 | 382.4 | 382.4 | 382.4 | 382.4 | 382.4 | 382.8 | 383.2 |
| 175° | 386.2 | 385.9 | 385.6 | 385.4 | 385.2 | 385.2 | 385.2 | 385.2 | 385.2 | 385.6 | 386.0 |
| 177.5° | 387.4 | 387.1 | 386.9 | 386.7 | 386.6 | 386.6 | 386.6 | 386.6 | 386.6 | 386.9 | 387.3 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 | 680.6 |
| 2.5° | 716.3 | 716.5 | 719.4 | 721.5 | 720.5 | 721.8 | 722.3 |
| 5° | 782.5 | 794.4 | 800.6 | 805.3 | 805.6 | 805.9 | 808.6 |
| 7.5° | 876.5 | 889.2 | 898.5 | 912.7 | 916.9 | 921.7 | 920.3 |
| 10° | 945.1 | 963.9 | 980.1 | 988.6 | 997.8 | 1011.3 | 1000.5 |
| 12.5° | 1009.2 | 1042.5 | 1067.1 | 1080.4 | 1089.2 | 1091.8 | 1086.5 |
| 15° | 1114.9 | 1158.5 | 1181.9 | 1181.2 | 1210.9 | 1223.7 | 1203.6 |
| 17.5° | 1211.9 | 1252.1 | 1284.2 | 1300.7 | 1325.4 | 1330.9 | 1328.4 |
| 20° | 1271.2 | 1315.1 | 1340.1 | 1368.5 | 1381.4 | 1392.9 | 1394.9 |
| 22.5° | 1322.4 | 1361.8 | 1388.7 | 1412.3 | 1423.1 | 1428.5 | 1431.8 |
| 25° | 1375.1 | 1406.1 | 1422.3 | 1430.5 | 1433.5 | 1432.8 | 1428.5 |
| 27.5° | 1371.5 | 1373.8 | 1356.1 | 1338.6 | 1322.9 | 1305.3 | 1299.2 |
| 30° | 1335.8 | 1308.1 | 1258.7 | 1230.6 | 1189.5 | 1156.8 | 1170.0 |
| 32.5° | 1242.2 | 1187.1 | 1131.5 | 1070.2 | 1019.5 | 1005.1 | 990.6 |
| 35° | 1060.1 | 963.2 | 906.5 | 840.6 | 814.2 | 787.8 | 769.6 |
| 37.5° | 857.7 | 782.7 | 715.4 | 672.3 | 645.8 | 629.2 | 620.2 |
| 40° | 741.7 | 674.0 | 618.6 | 583.7 | 563.5 | 544.8 | 542.1 |
| 42.5° | 649.0 | 586.2 | 544.5 | 516.7 | 497.3 | 489.4 | 483.5 |
| 45° | 531.6 | 487.7 | 459.7 | 439.9 | 427.1 | 422.1 | 415.5 |
| 47.5° | 450.0 | 419.0 | 397.9 | 384.4 | 374.7 | 371.0 | 370.5 |
| 50° | 404.3 | 378.6 | 363.1 | 352.5 | 344.9 | 343.6 | 338.4 |
| 52.5° | 370.0 | 347.7 | 335.6 | 326.4 | 320.9 | 317.2 | 315.6 |
| 55° | 321.2 | 306.3 | 295.5 | 290.2 | 285.9 | 282.2 | 282.2 |
| 57.5° | 281.0 | 268.6 | 261.4 | 256.9 | 255.6 | 253.0 | 251.4 |
| 60° | 256.2 | 245.6 | 240.0 | 236.1 | 233.5 | 233.8 | 230.8 |
| 62.5° | 232.0 | 225.1 | 219.7 | 215.8 | 212.7 | 212.7 | 212.9 |
| 65° | 197.5 | 192.3 | 188.3 | 187.0 | 185.0 | 182.7 | 183.3 |
| 67.5° | 167.4 | 162.5 | 159.4 | 157.1 | 156.4 | 155.2 | 157.1 |
| 70° | 145.8 | 142.2 | 139.8 | 137.8 | 137.2 | 137.5 | 139.1 |
| 72.5° | 126.0 | 123.4 | 121.9 | 121.0 | 119.5 | 119.6 | 120.7 |
| 75° | 98.9 | 96.9 | 95.7 | 94.6 | 94.3 | 94.3 | 94.3 |
| 77.5° | 72.7 | 72.2 | 71.6 | 70.2 | 70.3 | 70.6 | 70.7 |
| 80° | 57.3 | 56.4 | 56.1 | 55.4 | 54.4 | 53.7 | 55.4 |
| 82.5° | 42.9 | 41.8 | 41.6 | 41.4 | 39.9 | 39.8 | 41.2 |
| 85° | 23.1 | 22.1 | 22.4 | 22.1 | 22.1 | 21.8 | 21.8 |
| 87.5° | 9.8 | 9.6 | 9.4 | 9.6 | 9.4 | 9.2 | 9.7 |
| 90° | 8.1 | 8.4 | 8.6 | 8.7 | 8.9 | 9.0 | 9.1 |
| 92.5° | 12.3 | 12.6 | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 |
| 95° | 23.3 | 23.6 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 |
| 97.5° | 36.2 | 36.5 | 36.6 | 36.6 | 36.6 | 36.5 | 36.5 |
| 100° | 45.4 | 45.5 | 45.7 | 45.8 | 46.0 | 46.1 | 46.2 |
| 102.5° | 56.1 | 56.2 | 56.3 | 56.3 | 56.3 | 56.2 | 56.2 |
| 105° | 71.8 | 71.8 | 71.9 | 72.0 | 72.2 | 72.3 | 72.4 |
| 107.5° | 89.3 | 89.5 | 89.6 | 89.5 | 89.5 | 89.4 | 89.3 |
| 110° | 100.9 | 101.2 | 101.3 | 101.1 | 101.0 | 100.8 | 100.7 |



TEST NUMBER: P331911-935

CATALOG NUMBER: S123DIP-S560D365U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 112.5 | 112.9 | 113.0 | 113.0 | 113.0 | 112.9 | 112.9 |
| 115° | 129.8 | 129.9 | 129.9 | 129.8 | 129.8 | 129.7 | 129.6 |
| 117.5° | 147.5 | 147.5 | 147.3 | 147.1 | 147.0 | 146.8 | 146.6 |
| 120° | 159.2 | 159.2 | 159.0 | 158.9 | 158.8 | 158.7 | 158.5 |
| 122.5° | 171.1 | 170.9 | 170.7 | 170.6 | 170.3 | 170.1 | 170.0 |
| 125° | 188.7 | 188.5 | 188.2 | 188.0 | 187.7 | 187.4 | 187.1 |
| 127.5° | 206.2 | 205.8 | 205.4 | 205.2 | 204.8 | 204.6 | 204.2 |
| 130° | 217.9 | 217.7 | 217.3 | 216.9 | 216.4 | 215.9 | 215.4 |
| 132.5° | 229.2 | 228.9 | 228.6 | 228.2 | 227.8 | 227.5 | 227.1 |
| 135° | 246.2 | 246.0 | 245.8 | 245.6 | 245.5 | 245.4 | 245.2 |
| 137.5° | 262.9 | 262.5 | 262.3 | 262.0 | 261.7 | 261.5 | 261.2 |
| 140° | 274.0 | 273.9 | 273.6 | 273.1 | 272.7 | 272.2 | 271.7 |
| 142.5° | 284.1 | 284.1 | 283.9 | 283.5 | 283.2 | 282.8 | 282.4 |
| 145° | 299.2 | 299.1 | 298.9 | 298.7 | 298.4 | 298.2 | 297.9 |
| 147.5° | 313.5 | 313.5 | 313.2 | 312.9 | 312.5 | 312.0 | 311.6 |
| 150° | 322.2 | 322.2 | 322.0 | 321.6 | 321.2 | 320.8 | 320.4 |
| 152.5° | 330.4 | 330.5 | 330.3 | 329.9 | 329.6 | 329.2 | 328.9 |
| 155° | 342.2 | 342.5 | 342.3 | 341.9 | 341.4 | 341.0 | 340.4 |
| 157.5° | 352.3 | 352.6 | 352.5 | 352.1 | 351.8 | 351.4 | 351.0 |
| 160° | 358.5 | 358.9 | 358.9 | 358.6 | 358.3 | 358.1 | 357.8 |
| 162.5° | 364.4 | 364.7 | 364.6 | 364.2 | 363.8 | 363.3 | 362.9 |
| 165° | 371.8 | 372.2 | 372.2 | 371.7 | 371.3 | 370.7 | 370.3 |
| 167.5° | 377.8 | 378.2 | 378.2 | 377.8 | 377.4 | 376.9 | 376.6 |
| 170° | 381.2 | 381.6 | 381.6 | 381.2 | 380.6 | 380.2 | 379.7 |
| 172.5° | 383.7 | 384.1 | 384.1 | 383.6 | 383.1 | 382.6 | 382.2 |
| 175° | 386.4 | 386.8 | 386.8 | 386.3 | 385.8 | 385.4 | 384.9 |
| 177.5° | 387.5 | 387.9 | 387.9 | 387.5 | 387.1 | 386.8 | 386.3 |
| 180° | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 | 387.4 |

(END OF REPORT)