

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: P331912-927

Luminaire Tested: **S123DIP-S560D365U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331912-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-17,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S560D365U927-4F0-1E-UDD-A4
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2931.6 lumens
Efficiency: N/A
Efficacy: 106.6 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

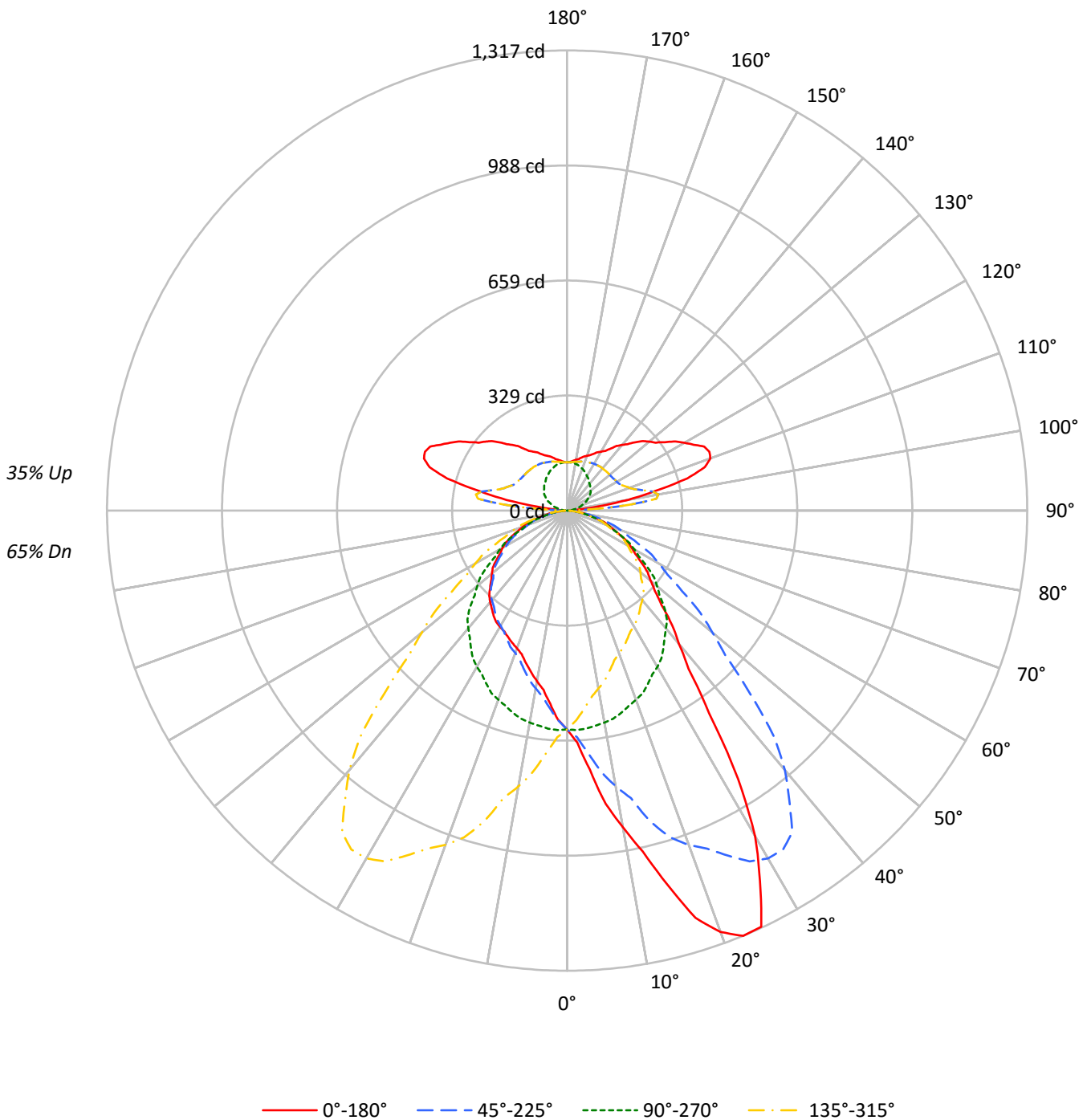
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 91 | 91 | 91 | 80 | 80 | 80 | 69 | 69 | 69 | 65 |
| 1 | 101 | 97 | 93 | 90 | 95 | 91 | 88 | 85 | 81 | 78 | 76 | 71 | 69 | 67 | 62 | 61 | 59 | 55 |
| 2 | 93 | 85 | 79 | 74 | 87 | 80 | 75 | 70 | 71 | 67 | 63 | 63 | 60 | 57 | 55 | 53 | 51 | 47 |
| 3 | 85 | 75 | 68 | 62 | 79 | 71 | 64 | 59 | 63 | 58 | 54 | 56 | 52 | 48 | 49 | 46 | 43 | 40 |
| 4 | 78 | 67 | 59 | 53 | 73 | 63 | 56 | 50 | 56 | 51 | 46 | 50 | 45 | 42 | 44 | 40 | 38 | 34 |
| 5 | 71 | 60 | 52 | 45 | 67 | 57 | 49 | 44 | 51 | 45 | 40 | 45 | 40 | 36 | 40 | 36 | 33 | 30 |
| 6 | 66 | 54 | 46 | 40 | 62 | 51 | 43 | 38 | 46 | 40 | 35 | 41 | 36 | 32 | 36 | 32 | 29 | 26 |
| 7 | 61 | 49 | 41 | 35 | 57 | 46 | 39 | 34 | 41 | 35 | 31 | 37 | 32 | 28 | 33 | 29 | 26 | 24 |
| 8 | 57 | 44 | 36 | 31 | 53 | 42 | 35 | 30 | 38 | 32 | 28 | 34 | 29 | 25 | 30 | 26 | 23 | 21 |
| 9 | 53 | 40 | 33 | 28 | 50 | 39 | 32 | 27 | 35 | 29 | 25 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |
| 10 | 49 | 37 | 30 | 25 | 47 | 35 | 29 | 24 | 32 | 26 | 22 | 29 | 24 | 21 | 26 | 22 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 6740 | 6740 | 6740 | 6740 |
| 5° | 8038 | 6769 | 5999 | 6769 |
| 10° | 10061 | 6735 | 5418 | 6735 |
| 15° | 12340 | 6681 | 5045 | 6681 |
| 20° | 14701 | 6596 | 4803 | 6596 |
| 25° | 15610 | 6494 | 4749 | 6494 |
| 30° | 13380 | 6418 | 4774 | 6418 |
| 35° | 9305 | 6311 | 4824 | 6311 |
| 40° | 7009 | 6185 | 4808 | 6185 |
| 45° | 5820 | 5999 | 4748 | 5999 |
| 50° | 5213 | 5620 | 4706 | 5620 |
| 55° | 4874 | 5210 | 4647 | 5210 |
| 60° | 4573 | 4781 | 4598 | 4781 |
| 65° | 4297 | 4358 | 4452 | 4358 |
| 70° | 4028 | 3877 | 4239 | 3877 |
| 75° | 3606 | 3394 | 3889 | 3394 |
| 80° | 3155 | 2783 | 3347 | 2783 |
| 85° | 2470 | 2025 | 2248 | 2025 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 61.7 | 2.1 |
| 10°-20° | 197.8 | 6.7 |
| 20°-30° | 332.0 | 11.3 |
| 30°-40° | 375.9 | 12.8 |
| 40°-50° | 337.1 | 11.5 |
| 50°-60° | 272.0 | 9.3 |
| 60°-70° | 189.6 | 6.5 |
| 70°-80° | 99.6 | 3.4 |
| 80°-90° | 25.4 | 0.9 |
| 90°-100° | 77.0 | 2.6 |
| 100°-110° | 217.9 | 7.4 |
| 110°-120° | 214.4 | 7.3 |
| 120°-130° | 171.0 | 5.8 |
| 130°-140° | 134.8 | 4.6 |
| 140°-150° | 100.6 | 3.4 |
| 150°-160° | 70.1 | 2.4 |
| 160°-170° | 41.2 | 1.4 |
| 170°-180° | 13.4 | 0.5 |
| 0°-30° | 591.5 | 20.2 |
| 0°-40° | 967.4 | 33.0 |
| 0°-60° | 1576.5 | 53.8 |
| 0°-90° | 1891.1 | 64.5 |
| 90°-120° | 509.3 | 17.4 |
| 90°-150° | 915.7 | 31.2 |
| 90°-180° | 1040.0 | 35.5 |
| 0°-180° | 2931.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 626 | 626 | 626 | 626 | 626 | |
| 5° | 744 | 626 | 555 | 626 | 744 | 77 |
| 15° | 1107 | 600 | 453 | 600 | 1107 | 320 |
| 25° | 1314 | 547 | 400 | 547 | 1314 | 576 |
| 35° | 708 | 480 | 367 | 480 | 708 | 460 |
| 45° | 382 | 394 | 312 | 394 | 382 | 303 |
| 55° | 260 | 278 | 248 | 278 | 260 | 233 |
| 65° | 169 | 171 | 175 | 171 | 169 | 168 |
| 75° | 87 | 82 | 94 | 82 | 87 | 93 |
| 85° | 20 | 16 | 18 | 16 | 20 | 24 |
| 90° | 8 | 1 | 8 | 1 | 8 | 5 |
| 95° | 32 | 10 | 32 | 10 | 32 | 59 |
| 105° | 356 | 32 | 356 | 32 | 356 | 351 |
| 115° | 433 | 57 | 433 | 57 | 433 | 421 |
| 125° | 342 | 80 | 342 | 80 | 342 | 309 |
| 135° | 277 | 94 | 277 | 94 | 277 | 215 |
| 145° | 216 | 107 | 216 | 107 | 216 | 138 |
| 155° | 179 | 121 | 179 | 121 | 179 | 84 |
| 165° | 156 | 132 | 156 | 132 | 156 | 45 |
| 175° | 141 | 138 | 141 | 138 | 141 | 14 |
| 180° | 138 | 138 | 138 | 138 | 138 | |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 664.6 | 664.1 | 662.9 | 663.8 | 661.9 | 659.3 | 659.0 | 656.6 | 649.5 | 649.0 | 647.1 |
| 5° | 743.9 | 741.5 | 741.2 | 740.9 | 736.7 | 730.9 | 719.9 | 719.1 | 704.5 | 697.2 | 688.4 |
| 7.5° | 846.8 | 848.0 | 843.6 | 839.7 | 826.7 | 818.2 | 806.4 | 791.5 | 773.6 | 755.4 | 743.3 |
| 10° | 920.5 | 930.5 | 918.1 | 909.6 | 901.7 | 886.8 | 869.6 | 848.0 | 826.5 | 801.3 | 782.2 |
| 12.5° | 999.7 | 1004.6 | 1002.1 | 994.0 | 981.8 | 959.2 | 928.5 | 904.8 | 884.9 | 843.0 | 826.1 |
| 15° | 1107.4 | 1125.9 | 1114.1 | 1086.8 | 1087.4 | 1065.9 | 1025.8 | 981.8 | 958.5 | 921.7 | 871.6 |
| 17.5° | 1222.3 | 1224.6 | 1219.5 | 1196.7 | 1181.5 | 1152.0 | 1115.0 | 1072.9 | 1025.5 | 981.1 | 928.0 |
| 20° | 1283.4 | 1281.6 | 1271.0 | 1259.1 | 1233.0 | 1210.0 | 1169.6 | 1122.6 | 1061.9 | 1018.2 | 960.3 |
| 22.5° | 1317.4 | 1314.3 | 1309.3 | 1299.4 | 1277.7 | 1252.9 | 1216.7 | 1165.3 | 1107.6 | 1047.3 | 980.4 |
| 25° | 1314.3 | 1318.3 | 1318.9 | 1316.1 | 1308.6 | 1293.7 | 1265.2 | 1224.2 | 1166.6 | 1089.3 | 1019.5 |
| 27.5° | 1195.4 | 1200.9 | 1217.2 | 1231.6 | 1247.7 | 1264.0 | 1261.9 | 1241.5 | 1198.9 | 1132.0 | 1046.7 |
| 30° | 1076.5 | 1064.3 | 1094.4 | 1132.3 | 1158.1 | 1203.6 | 1229.1 | 1230.6 | 1206.7 | 1149.3 | 1066.1 |
| 32.5° | 911.4 | 924.8 | 938.0 | 984.7 | 1041.1 | 1092.2 | 1142.9 | 1183.8 | 1188.4 | 1150.2 | 1077.5 |
| 35° | 708.1 | 724.8 | 749.1 | 773.4 | 834.1 | 886.2 | 975.4 | 1053.1 | 1115.0 | 1123.2 | 1078.6 |
| 37.5° | 570.6 | 578.9 | 594.2 | 618.5 | 658.2 | 720.2 | 789.2 | 887.3 | 977.0 | 1043.7 | 1046.6 |
| 40° | 498.8 | 501.2 | 518.5 | 537.0 | 569.2 | 620.1 | 682.4 | 769.1 | 876.5 | 969.7 | 1008.5 |
| 42.5° | 444.9 | 450.3 | 457.6 | 475.4 | 501.0 | 539.3 | 597.1 | 668.9 | 767.3 | 874.5 | 950.5 |
| 45° | 382.3 | 388.3 | 392.9 | 404.7 | 422.9 | 448.7 | 489.1 | 554.6 | 629.5 | 740.3 | 842.6 |
| 47.5° | 340.9 | 341.4 | 344.8 | 353.7 | 366.1 | 385.5 | 414.0 | 456.1 | 524.9 | 614.7 | 719.7 |
| 50° | 311.3 | 316.2 | 317.3 | 324.3 | 334.1 | 348.3 | 372.0 | 407.7 | 464.2 | 543.1 | 639.6 |
| 52.5° | 290.4 | 291.8 | 295.2 | 300.3 | 308.8 | 319.9 | 340.4 | 368.4 | 412.7 | 480.0 | 568.7 |
| 55° | 259.7 | 259.7 | 263.1 | 267.0 | 271.9 | 281.9 | 295.5 | 316.2 | 349.8 | 402.0 | 475.5 |
| 57.5° | 231.3 | 232.8 | 235.2 | 236.4 | 240.5 | 247.2 | 258.6 | 274.3 | 299.4 | 339.5 | 397.9 |
| 60° | 212.4 | 215.1 | 214.8 | 217.2 | 220.9 | 226.0 | 235.8 | 248.5 | 270.9 | 303.1 | 352.3 |
| 62.5° | 195.9 | 195.7 | 195.7 | 198.5 | 202.2 | 207.1 | 213.4 | 224.4 | 243.5 | 272.0 | 313.9 |
| 65° | 168.7 | 168.1 | 170.2 | 172.1 | 173.3 | 176.9 | 181.7 | 191.5 | 204.2 | 225.5 | 257.9 |
| 67.5° | 144.6 | 142.8 | 143.9 | 144.6 | 146.6 | 149.5 | 154.0 | 160.0 | 170.2 | 187.2 | 211.7 |
| 70° | 128.0 | 126.5 | 126.2 | 126.8 | 128.7 | 130.8 | 134.1 | 139.9 | 149.2 | 163.0 | 180.9 |
| 72.5° | 111.1 | 110.0 | 110.0 | 111.3 | 112.2 | 113.5 | 115.9 | 121.2 | 128.7 | 138.9 | 155.6 |
| 75° | 86.7 | 86.7 | 86.7 | 87.1 | 88.0 | 89.2 | 91.0 | 93.7 | 99.5 | 106.8 | 118.0 |
| 77.5° | 65.0 | 65.0 | 64.6 | 64.6 | 65.9 | 66.5 | 66.9 | 69.4 | 72.6 | 77.6 | 85.7 |
| 80° | 50.9 | 49.4 | 50.1 | 50.9 | 51.6 | 51.9 | 52.8 | 53.4 | 56.2 | 58.9 | 64.6 |
| 82.5° | 37.9 | 36.6 | 36.7 | 38.1 | 38.3 | 38.5 | 39.5 | 40.3 | 41.4 | 43.8 | 46.9 |
| 85° | 20.0 | 20.0 | 20.4 | 20.4 | 20.6 | 20.4 | 21.2 | 21.5 | 21.5 | 23.1 | 24.9 |
| 87.5° | 8.9 | 8.5 | 8.6 | 8.9 | 8.6 | 8.8 | 9.0 | 9.2 | 9.3 | 9.7 | 9.7 |
| 90° | 8.1 | 8.4 | 8.1 | 7.8 | 8.1 | 7.5 | 7.3 | 7.0 | 6.7 | 7.0 | 6.2 |
| 92.5° | 13.5 | 14.0 | 13.7 | 14.6 | 15.1 | 16.5 | 18.7 | 23.6 | 32.5 | 43.0 | 47.4 |
| 95° | 32.5 | 33.6 | 35.6 | 38.1 | 43.4 | 53.5 | 68.3 | 100.8 | 134.7 | 166.0 | 147.8 |
| 97.5° | 88.4 | 90.8 | 98.4 | 111.0 | 131.7 | 165.1 | 201.2 | 251.2 | 275.2 | 257.3 | 188.4 |
| 100° | 175.5 | 175.2 | 186.2 | 206.6 | 234.9 | 274.6 | 307.4 | 330.0 | 320.3 | 265.1 | 179.2 |
| 102.5° | 257.5 | 264.0 | 273.1 | 289.2 | 311.2 | 336.4 | 355.5 | 356.2 | 322.5 | 250.6 | 165.7 |
| 105° | 356.1 | 357.5 | 366.5 | 377.1 | 390.0 | 397.2 | 391.9 | 363.9 | 305.4 | 225.1 | 149.2 |
| 107.5° | 412.9 | 415.4 | 418.4 | 422.1 | 421.8 | 411.9 | 387.3 | 341.8 | 275.5 | 202.6 | 138.7 |
| 110° | 436.2 | 436.7 | 437.3 | 435.1 | 427.2 | 407.6 | 372.3 | 320.8 | 256.7 | 189.8 | 134.7 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 440.8 | 440.8 | 438.6 | 431.7 | 417.3 | 392.1 | 352.6 | 300.0 | 240.3 | 181.3 | 132.4 |
| 115° | 433.1 | 431.7 | 426.0 | 413.8 | 392.8 | 362.3 | 321.1 | 272.4 | 220.6 | 172.1 | 131.6 |
| 117.5° | 408.3 | 406.4 | 398.4 | 384.3 | 362.3 | 331.4 | 294.5 | 252.4 | 208.7 | 166.8 | 132.1 |
| 120° | 387.7 | 386.0 | 379.3 | 363.6 | 341.5 | 313.2 | 279.6 | 241.9 | 202.4 | 164.3 | 133.0 |
| 122.5° | 368.4 | 366.3 | 358.9 | 344.8 | 325.2 | 298.9 | 267.8 | 233.6 | 197.3 | 162.8 | 134.5 |
| 125° | 341.5 | 339.6 | 332.6 | 320.3 | 302.4 | 280.0 | 253.1 | 222.5 | 190.7 | 160.7 | 136.9 |
| 127.5° | 319.3 | 317.6 | 311.2 | 300.7 | 284.8 | 264.4 | 240.1 | 212.9 | 184.8 | 159.7 | 139.6 |
| 130° | 306.8 | 304.6 | 298.7 | 288.6 | 273.8 | 254.8 | 232.1 | 206.8 | 181.6 | 159.0 | 141.4 |
| 132.5° | 294.5 | 292.9 | 287.7 | 277.7 | 263.7 | 245.6 | 224.4 | 201.3 | 178.8 | 158.8 | 142.8 |
| 135° | 276.9 | 274.9 | 269.9 | 261.5 | 247.7 | 231.8 | 213.6 | 193.7 | 175.0 | 158.4 | 144.7 |
| 137.5° | 258.3 | 256.9 | 252.7 | 244.2 | 232.7 | 218.8 | 203.1 | 186.8 | 171.7 | 157.8 | 146.1 |
| 140° | 245.3 | 245.5 | 241.1 | 233.2 | 222.5 | 210.5 | 197.1 | 182.8 | 169.6 | 157.6 | 146.9 |
| 142.5° | 233.1 | 233.4 | 229.4 | 222.4 | 213.3 | 202.9 | 191.2 | 179.0 | 167.9 | 157.2 | 147.7 |
| 145° | 216.4 | 215.9 | 213.6 | 207.7 | 200.7 | 192.6 | 183.6 | 174.4 | 165.4 | 156.5 | 148.1 |
| 147.5° | 202.6 | 202.4 | 200.3 | 196.3 | 191.0 | 185.2 | 178.0 | 170.6 | 163.1 | 155.4 | 148.1 |
| 150° | 194.6 | 194.6 | 192.9 | 189.8 | 185.6 | 180.3 | 174.4 | 167.9 | 161.5 | 154.6 | 148.1 |
| 152.5° | 187.8 | 187.8 | 186.8 | 183.9 | 180.7 | 176.3 | 171.0 | 165.5 | 159.7 | 153.4 | 147.4 |
| 155° | 179.4 | 179.2 | 178.6 | 176.3 | 173.8 | 170.5 | 166.3 | 161.8 | 157.0 | 151.5 | 146.7 |
| 157.5° | 171.7 | 171.8 | 171.3 | 169.7 | 167.5 | 164.9 | 161.6 | 157.9 | 154.0 | 149.7 | 145.8 |
| 160° | 166.8 | 167.2 | 167.2 | 165.4 | 163.5 | 161.5 | 158.8 | 155.7 | 152.0 | 148.4 | 145.3 |
| 162.5° | 162.4 | 162.6 | 162.6 | 161.2 | 159.9 | 158.2 | 155.6 | 153.0 | 150.0 | 147.0 | 144.4 |
| 165° | 156.5 | 156.5 | 156.8 | 155.7 | 154.6 | 153.1 | 151.1 | 149.5 | 147.3 | 145.0 | 143.1 |
| 167.5° | 150.9 | 150.9 | 151.1 | 150.4 | 149.9 | 148.9 | 147.7 | 146.5 | 144.7 | 143.0 | 141.7 |
| 170° | 147.5 | 147.5 | 147.8 | 147.3 | 146.9 | 146.4 | 145.3 | 144.4 | 143.1 | 141.6 | 140.9 |
| 172.5° | 144.4 | 144.7 | 145.1 | 144.6 | 144.5 | 144.2 | 143.3 | 142.7 | 141.5 | 140.5 | 140.1 |
| 175° | 140.9 | 141.1 | 141.4 | 141.1 | 141.1 | 141.1 | 140.5 | 140.2 | 139.7 | 139.1 | 139.1 |
| 177.5° | 138.7 | 138.7 | 139.2 | 138.9 | 139.2 | 139.2 | 138.9 | 138.7 | 138.6 | 138.3 | 138.6 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 645.6 | 643.7 | 641.7 | 638.3 | 635.4 | 631.3 | 630.1 | 628.7 | 624.3 | 620.4 | 617.5 |
| 5° | 685.1 | 677.8 | 667.2 | 657.4 | 649.6 | 639.0 | 632.9 | 626.5 | 617.4 | 609.3 | 602.5 |
| 7.5° | 726.4 | 712.0 | 695.5 | 677.7 | 661.1 | 645.0 | 632.1 | 620.6 | 607.8 | 595.7 | 586.4 |
| 10° | 759.1 | 738.5 | 715.4 | 690.5 | 669.3 | 648.6 | 631.4 | 616.2 | 599.8 | 585.6 | 573.7 |
| 12.5° | 796.5 | 765.9 | 734.1 | 703.9 | 678.7 | 650.1 | 629.2 | 609.9 | 591.4 | 574.2 | 560.9 |
| 15° | 840.7 | 801.9 | 764.3 | 722.7 | 684.4 | 648.6 | 623.8 | 599.5 | 578.0 | 560.4 | 543.4 |
| 17.5° | 881.0 | 837.0 | 787.4 | 736.9 | 690.8 | 648.3 | 613.5 | 586.1 | 559.1 | 537.6 | 520.6 |
| 20° | 903.8 | 853.7 | 797.6 | 745.1 | 694.2 | 646.8 | 608.6 | 575.8 | 546.8 | 523.9 | 504.9 |
| 22.5° | 923.5 | 864.9 | 806.8 | 750.8 | 694.0 | 642.9 | 599.7 | 565.9 | 534.3 | 512.1 | 491.8 |
| 25° | 943.9 | 873.8 | 815.6 | 749.7 | 686.3 | 633.5 | 584.9 | 546.8 | 515.2 | 489.1 | 468.2 |
| 27.5° | 961.4 | 873.2 | 804.1 | 733.2 | 674.3 | 621.4 | 569.6 | 528.5 | 495.0 | 466.7 | 445.4 |
| 30° | 973.0 | 874.4 | 792.2 | 722.1 | 662.7 | 608.0 | 557.6 | 516.4 | 481.2 | 452.3 | 432.4 |
| 32.5° | 980.3 | 873.7 | 781.3 | 706.5 | 644.2 | 595.9 | 544.8 | 502.1 | 465.9 | 437.6 | 418.3 |
| 35° | 984.5 | 868.3 | 762.5 | 674.5 | 614.4 | 567.4 | 524.6 | 480.3 | 442.4 | 416.0 | 394.1 |
| 37.5° | 976.0 | 857.1 | 740.6 | 643.5 | 577.7 | 531.5 | 495.4 | 457.7 | 421.4 | 392.4 | 373.5 |
| 40° | 962.7 | 849.9 | 723.6 | 621.7 | 552.5 | 507.9 | 477.3 | 440.2 | 404.4 | 376.8 | 359.3 |
| 42.5° | 937.2 | 835.0 | 705.0 | 597.4 | 526.2 | 481.6 | 453.4 | 422.6 | 388.6 | 362.7 | 345.2 |
| 45° | 875.0 | 802.8 | 676.9 | 561.0 | 487.6 | 441.5 | 416.6 | 394.1 | 363.5 | 338.3 | 323.1 |
| 47.5° | 788.7 | 754.3 | 636.4 | 522.6 | 447.2 | 402.8 | 376.9 | 358.9 | 336.4 | 316.2 | 301.6 |
| 50° | 728.8 | 714.5 | 609.0 | 496.4 | 420.2 | 376.8 | 352.0 | 335.6 | 319.5 | 299.1 | 285.8 |
| 52.5° | 659.6 | 668.4 | 576.9 | 469.2 | 392.8 | 350.1 | 326.7 | 313.7 | 299.1 | 282.4 | 270.8 |
| 55° | 562.2 | 594.1 | 521.6 | 423.6 | 352.0 | 311.3 | 289.1 | 277.6 | 269.1 | 256.7 | 246.7 |
| 57.5° | 471.0 | 511.5 | 461.7 | 376.5 | 311.8 | 276.8 | 255.6 | 243.0 | 237.5 | 231.0 | 223.2 |
| 60° | 416.8 | 456.9 | 419.0 | 345.0 | 284.9 | 251.5 | 232.7 | 222.1 | 216.7 | 212.1 | 205.4 |
| 62.5° | 368.6 | 409.1 | 377.2 | 312.9 | 258.4 | 227.5 | 211.1 | 200.7 | 196.5 | 194.1 | 188.4 |
| 65° | 302.2 | 337.1 | 315.8 | 263.1 | 220.5 | 193.3 | 178.4 | 171.1 | 167.2 | 166.3 | 162.6 |
| 67.5° | 246.0 | 272.5 | 257.1 | 218.2 | 184.7 | 161.1 | 148.5 | 142.4 | 139.3 | 139.0 | 136.3 |
| 70° | 209.1 | 233.9 | 222.1 | 186.9 | 158.0 | 139.6 | 128.7 | 123.2 | 121.4 | 121.0 | 119.5 |
| 72.5° | 180.4 | 197.7 | 188.4 | 159.0 | 136.7 | 119.9 | 111.9 | 106.2 | 104.1 | 104.6 | 103.5 |
| 75° | 133.5 | 146.6 | 141.1 | 120.7 | 102.8 | 91.9 | 85.2 | 81.6 | 79.8 | 80.7 | 79.5 |
| 77.5° | 96.1 | 104.3 | 99.4 | 85.3 | 74.3 | 66.4 | 61.5 | 59.3 | 57.6 | 57.5 | 57.0 |
| 80° | 72.5 | 77.4 | 74.6 | 66.1 | 57.0 | 50.4 | 46.4 | 44.9 | 44.0 | 43.7 | 43.4 |
| 82.5° | 51.7 | 55.8 | 52.5 | 46.7 | 40.6 | 36.5 | 34.3 | 32.3 | 31.6 | 31.8 | 31.5 |
| 85° | 26.1 | 27.6 | 26.4 | 22.7 | 20.4 | 18.5 | 17.3 | 16.4 | 15.8 | 16.1 | 15.4 |
| 87.5° | 10.1 | 10.1 | 9.2 | 8.2 | 7.5 | 6.7 | 6.5 | 5.9 | 5.5 | 5.7 | 5.6 |
| 90° | 5.3 | 4.5 | 3.6 | 3.1 | 2.5 | 1.7 | 1.1 | 0.6 | 1.1 | 1.7 | 2.5 |
| 92.5° | 35.6 | 23.5 | 16.2 | 12.0 | 9.7 | 7.5 | 5.1 | 3.5 | 5.1 | 7.5 | 9.7 |
| 95° | 101.9 | 60.2 | 36.4 | 25.5 | 18.2 | 13.5 | 10.4 | 9.5 | 10.4 | 13.5 | 18.2 |
| 97.5° | 111.8 | 64.8 | 42.1 | 30.3 | 23.1 | 18.9 | 16.5 | 16.2 | 16.5 | 18.9 | 23.1 |
| 100° | 105.5 | 64.1 | 44.5 | 33.6 | 26.9 | 23.0 | 21.0 | 20.8 | 21.0 | 23.0 | 26.9 |
| 102.5° | 100.1 | 65.0 | 47.5 | 37.4 | 31.4 | 27.6 | 25.9 | 25.4 | 25.9 | 27.6 | 31.4 |
| 105° | 96.3 | 67.5 | 52.4 | 43.6 | 38.3 | 35.0 | 33.4 | 32.5 | 33.4 | 35.0 | 38.3 |
| 107.5° | 96.0 | 72.1 | 58.8 | 50.7 | 45.7 | 42.5 | 40.8 | 40.0 | 40.8 | 42.5 | 45.7 |
| 110° | 97.1 | 75.9 | 63.3 | 55.5 | 50.7 | 47.6 | 46.2 | 45.3 | 46.2 | 47.6 | 50.7 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 99.4 | 79.7 | 68.0 | 60.4 | 55.6 | 52.5 | 51.1 | 50.3 | 51.1 | 52.5 | 55.6 |
| 115° | 103.0 | 86.0 | 75.3 | 67.7 | 63.0 | 60.2 | 58.5 | 57.4 | 58.5 | 60.2 | 63.0 |
| 117.5° | 107.8 | 92.6 | 82.1 | 75.1 | 69.8 | 67.2 | 65.8 | 64.5 | 65.8 | 67.2 | 69.8 |
| 120° | 111.4 | 96.9 | 86.7 | 79.8 | 74.5 | 71.7 | 70.3 | 69.4 | 70.3 | 71.7 | 74.5 |
| 122.5° | 114.8 | 101.3 | 91.5 | 84.1 | 79.0 | 75.9 | 74.5 | 73.7 | 74.5 | 75.9 | 79.0 |
| 125° | 120.1 | 107.8 | 98.0 | 90.4 | 85.1 | 82.0 | 80.3 | 79.8 | 80.3 | 82.0 | 85.1 |
| 127.5° | 124.5 | 113.4 | 103.9 | 96.3 | 90.5 | 87.4 | 85.2 | 84.4 | 85.2 | 87.4 | 90.5 |
| 130° | 127.4 | 116.8 | 107.5 | 100.0 | 94.0 | 90.7 | 88.2 | 87.4 | 88.2 | 90.7 | 94.0 |
| 132.5° | 130.1 | 119.6 | 110.7 | 103.3 | 97.4 | 93.4 | 90.6 | 89.6 | 90.6 | 93.4 | 97.4 |
| 135° | 133.6 | 124.0 | 115.3 | 107.8 | 101.9 | 97.7 | 94.6 | 93.5 | 94.6 | 97.7 | 101.9 |
| 137.5° | 136.1 | 127.1 | 118.7 | 111.7 | 105.8 | 101.4 | 98.4 | 97.2 | 98.4 | 101.4 | 105.8 |
| 140° | 137.4 | 129.0 | 121.0 | 113.9 | 108.4 | 103.9 | 101.1 | 99.7 | 101.1 | 103.9 | 108.4 |
| 142.5° | 138.8 | 130.6 | 122.7 | 116.2 | 110.6 | 106.5 | 103.5 | 102.3 | 103.5 | 106.5 | 110.6 |
| 145° | 140.2 | 132.7 | 125.4 | 119.0 | 114.2 | 110.0 | 107.5 | 106.6 | 107.5 | 110.0 | 114.2 |
| 147.5° | 141.2 | 134.4 | 127.7 | 122.2 | 117.6 | 114.0 | 111.5 | 111.1 | 111.5 | 114.0 | 117.6 |
| 150° | 141.4 | 135.5 | 129.0 | 124.0 | 120.1 | 116.5 | 114.2 | 113.9 | 114.2 | 116.5 | 120.1 |
| 152.5° | 141.8 | 136.2 | 130.6 | 125.8 | 122.3 | 119.1 | 116.9 | 116.8 | 116.9 | 119.1 | 122.3 |
| 155° | 142.0 | 137.4 | 132.7 | 128.8 | 125.7 | 122.9 | 121.2 | 121.2 | 121.2 | 122.9 | 125.7 |
| 157.5° | 142.2 | 138.2 | 134.4 | 131.3 | 128.7 | 126.3 | 124.9 | 124.7 | 124.9 | 126.3 | 128.7 |
| 160° | 142.2 | 138.9 | 135.5 | 132.7 | 130.7 | 128.5 | 127.4 | 127.4 | 127.4 | 128.5 | 130.7 |
| 162.5° | 142.0 | 139.1 | 136.2 | 133.8 | 132.1 | 130.3 | 129.4 | 129.4 | 129.4 | 130.3 | 132.1 |
| 165° | 141.4 | 139.4 | 137.2 | 135.2 | 134.1 | 132.7 | 132.1 | 132.4 | 132.1 | 132.7 | 134.1 |
| 167.5° | 140.9 | 139.3 | 137.8 | 136.5 | 135.7 | 134.7 | 134.4 | 134.7 | 134.4 | 134.7 | 135.7 |
| 170° | 140.2 | 139.1 | 137.8 | 137.2 | 136.6 | 135.8 | 135.5 | 136.0 | 135.5 | 135.8 | 136.6 |
| 172.5° | 140.1 | 139.1 | 137.9 | 137.6 | 137.3 | 136.7 | 136.6 | 137.0 | 136.6 | 136.7 | 137.3 |
| 175° | 139.4 | 138.9 | 138.3 | 138.0 | 138.0 | 137.4 | 137.8 | 138.0 | 137.8 | 137.4 | 138.0 |
| 177.5° | 138.9 | 138.6 | 138.3 | 138.3 | 138.3 | 138.1 | 138.3 | 138.6 | 138.3 | 138.1 | 138.3 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 615.8 | 614.1 | 611.6 | 608.0 | 605.1 | 600.5 | 600.5 | 601.2 | 601.2 | 600.9 | 600.5 |
| 5° | 597.1 | 592.6 | 587.1 | 580.7 | 574.0 | 567.4 | 566.2 | 563.7 | 561.9 | 560.7 | 559.2 |
| 7.5° | 577.3 | 569.3 | 561.3 | 552.5 | 544.3 | 537.6 | 532.9 | 529.0 | 526.5 | 523.9 | 521.9 |
| 10° | 564.0 | 554.0 | 544.6 | 535.2 | 524.9 | 516.7 | 511.5 | 507.9 | 505.2 | 502.7 | 501.5 |
| 12.5° | 548.3 | 536.8 | 526.4 | 517.5 | 506.2 | 497.7 | 492.8 | 491.2 | 487.9 | 482.8 | 480.1 |
| 15° | 525.2 | 514.6 | 502.2 | 488.5 | 483.0 | 472.7 | 466.9 | 464.2 | 462.4 | 458.4 | 457.2 |
| 17.5° | 505.5 | 491.5 | 477.6 | 467.4 | 457.2 | 448.9 | 445.7 | 442.3 | 439.9 | 436.7 | 435.7 |
| 20° | 489.7 | 477.3 | 464.5 | 453.6 | 443.0 | 433.9 | 431.1 | 428.7 | 426.3 | 424.8 | 423.6 |
| 22.5° | 473.6 | 461.2 | 450.7 | 440.5 | 429.1 | 423.2 | 420.2 | 417.6 | 415.8 | 414.8 | 413.6 |
| 25° | 451.1 | 440.2 | 428.4 | 419.3 | 410.2 | 406.2 | 404.4 | 402.9 | 401.7 | 400.2 | 399.9 |
| 27.5° | 431.0 | 419.1 | 409.6 | 401.0 | 394.5 | 391.2 | 389.4 | 388.7 | 389.0 | 389.5 | 389.8 |
| 30° | 416.0 | 405.0 | 397.1 | 389.8 | 383.8 | 380.8 | 380.5 | 380.5 | 381.7 | 382.0 | 382.6 |
| 32.5° | 402.1 | 393.2 | 385.2 | 378.2 | 373.6 | 371.5 | 372.7 | 372.7 | 373.7 | 374.5 | 375.6 |
| 35° | 382.0 | 374.1 | 368.0 | 361.9 | 358.0 | 358.9 | 359.5 | 360.1 | 361.6 | 363.5 | 364.7 |
| 37.5° | 362.7 | 355.9 | 349.6 | 344.8 | 343.0 | 344.7 | 346.1 | 347.4 | 349.2 | 350.5 | 351.7 |
| 40° | 348.9 | 343.7 | 337.7 | 333.4 | 334.1 | 334.9 | 336.2 | 337.7 | 339.2 | 340.1 | 341.4 |
| 42.5° | 336.0 | 330.7 | 326.1 | 322.5 | 323.4 | 324.6 | 325.3 | 326.1 | 327.8 | 329.5 | 330.2 |
| 45° | 316.5 | 312.2 | 307.9 | 305.9 | 306.4 | 307.0 | 307.7 | 308.6 | 310.1 | 311.3 | 311.6 |
| 47.5° | 294.5 | 291.4 | 288.6 | 286.5 | 287.5 | 287.2 | 288.0 | 290.0 | 290.5 | 291.2 | 292.9 |
| 50° | 280.4 | 277.6 | 274.3 | 273.7 | 273.7 | 273.7 | 273.9 | 276.4 | 276.4 | 277.6 | 278.8 |
| 52.5° | 264.8 | 263.1 | 260.9 | 259.8 | 259.4 | 259.4 | 260.6 | 261.8 | 262.3 | 264.0 | 265.2 |
| 55° | 241.8 | 240.0 | 238.2 | 237.3 | 236.6 | 237.3 | 239.7 | 240.3 | 241.8 | 242.7 | 243.6 |
| 57.5° | 217.9 | 216.4 | 215.0 | 214.5 | 214.4 | 215.2 | 216.5 | 218.3 | 218.7 | 221.5 | 222.8 |
| 60° | 202.1 | 199.9 | 198.8 | 198.8 | 198.1 | 200.8 | 200.3 | 203.3 | 203.9 | 205.7 | 207.9 |
| 62.5° | 185.8 | 182.9 | 182.4 | 182.4 | 183.3 | 184.1 | 185.0 | 186.3 | 187.9 | 190.2 | 191.8 |
| 65° | 159.6 | 158.0 | 160.2 | 159.9 | 159.3 | 161.1 | 161.1 | 162.6 | 164.5 | 166.6 | 169.9 |
| 67.5° | 134.8 | 134.0 | 134.2 | 134.2 | 135.1 | 136.1 | 137.0 | 138.3 | 140.5 | 142.8 | 144.9 |
| 70° | 118.0 | 118.9 | 117.4 | 118.7 | 119.5 | 119.9 | 120.4 | 122.2 | 124.7 | 126.2 | 128.7 |
| 72.5° | 101.8 | 101.7 | 101.9 | 102.3 | 103.3 | 103.9 | 104.4 | 106.5 | 109.2 | 110.4 | 112.4 |
| 75° | 78.3 | 78.0 | 78.9 | 78.9 | 80.4 | 81.0 | 81.6 | 82.5 | 84.9 | 86.7 | 88.3 |
| 77.5° | 57.2 | 57.5 | 57.4 | 58.4 | 58.0 | 58.1 | 60.0 | 60.8 | 61.1 | 64.7 | 65.5 |
| 80° | 43.1 | 43.7 | 44.0 | 44.3 | 44.6 | 44.0 | 46.1 | 47.1 | 47.1 | 49.1 | 50.7 |
| 82.5° | 31.0 | 31.3 | 32.1 | 32.4 | 32.5 | 33.0 | 33.3 | 33.9 | 34.6 | 35.6 | 37.5 |
| 85° | 15.4 | 16.4 | 16.7 | 16.4 | 16.7 | 16.1 | 17.0 | 17.3 | 17.6 | 17.6 | 17.6 |
| 87.5° | 5.5 | 5.9 | 5.8 | 6.2 | 6.1 | 6.5 | 6.4 | 6.0 | 6.1 | 6.8 | 6.0 |
| 90° | 3.1 | 3.6 | 4.5 | 5.3 | 6.2 | 7.0 | 6.7 | 7.0 | 7.3 | 7.5 | 8.1 |
| 92.5° | 12.0 | 16.2 | 23.5 | 35.6 | 47.4 | 43.0 | 32.5 | 23.6 | 18.7 | 16.5 | 15.1 |
| 95° | 25.5 | 36.4 | 60.2 | 101.9 | 147.8 | 166.0 | 134.7 | 100.8 | 68.3 | 53.5 | 43.4 |
| 97.5° | 30.3 | 42.1 | 64.8 | 111.8 | 188.4 | 257.3 | 275.2 | 251.2 | 201.2 | 165.1 | 131.7 |
| 100° | 33.6 | 44.5 | 64.1 | 105.5 | 179.2 | 265.1 | 320.3 | 330.0 | 307.4 | 274.6 | 234.9 |
| 102.5° | 37.4 | 47.5 | 65.0 | 100.1 | 165.7 | 250.6 | 322.5 | 356.2 | 355.5 | 336.4 | 311.2 |
| 105° | 43.6 | 52.4 | 67.5 | 96.3 | 149.2 | 225.1 | 305.4 | 363.9 | 391.9 | 397.2 | 390.0 |
| 107.5° | 50.7 | 58.8 | 72.1 | 96.0 | 138.7 | 202.6 | 275.5 | 341.8 | 387.3 | 411.9 | 421.8 |
| 110° | 55.5 | 63.3 | 75.9 | 97.1 | 134.7 | 189.8 | 256.7 | 320.8 | 372.3 | 407.6 | 427.2 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 60.4 | 68.0 | 79.7 | 99.4 | 132.4 | 181.3 | 240.3 | 300.0 | 352.6 | 392.1 | 417.3 |
| 115° | 67.7 | 75.3 | 86.0 | 103.0 | 131.6 | 172.1 | 220.6 | 272.4 | 321.1 | 362.3 | 392.8 |
| 117.5° | 75.1 | 82.1 | 92.6 | 107.8 | 132.1 | 166.8 | 208.7 | 252.4 | 294.5 | 331.4 | 362.3 |
| 120° | 79.8 | 86.7 | 96.9 | 111.4 | 133.0 | 164.3 | 202.4 | 241.9 | 279.6 | 313.2 | 341.5 |
| 122.5° | 84.1 | 91.5 | 101.3 | 114.8 | 134.5 | 162.8 | 197.3 | 233.6 | 267.8 | 298.9 | 325.2 |
| 125° | 90.4 | 98.0 | 107.8 | 120.1 | 136.9 | 160.7 | 190.7 | 222.5 | 253.1 | 280.0 | 302.4 |
| 127.5° | 96.3 | 103.9 | 113.4 | 124.5 | 139.6 | 159.7 | 184.8 | 212.9 | 240.1 | 264.4 | 284.8 |
| 130° | 100.0 | 107.5 | 116.8 | 127.4 | 141.4 | 159.0 | 181.6 | 206.8 | 232.1 | 254.8 | 273.8 |
| 132.5° | 103.3 | 110.7 | 119.6 | 130.1 | 142.8 | 158.8 | 178.8 | 201.3 | 224.4 | 245.6 | 263.7 |
| 135° | 107.8 | 115.3 | 124.0 | 133.6 | 144.7 | 158.4 | 175.0 | 193.7 | 213.6 | 231.8 | 247.7 |
| 137.5° | 111.7 | 118.7 | 127.1 | 136.1 | 146.1 | 157.8 | 171.7 | 186.8 | 203.1 | 218.8 | 232.7 |
| 140° | 113.9 | 121.0 | 129.0 | 137.4 | 146.9 | 157.6 | 169.6 | 182.8 | 197.1 | 210.5 | 222.5 |
| 142.5° | 116.2 | 122.7 | 130.6 | 138.8 | 147.7 | 157.2 | 167.9 | 179.0 | 191.2 | 202.9 | 213.3 |
| 145° | 119.0 | 125.4 | 132.7 | 140.2 | 148.1 | 156.5 | 165.4 | 174.4 | 183.6 | 192.6 | 200.7 |
| 147.5° | 122.2 | 127.7 | 134.4 | 141.2 | 148.1 | 155.4 | 163.1 | 170.6 | 178.0 | 185.2 | 191.0 |
| 150° | 124.0 | 129.0 | 135.5 | 141.4 | 148.1 | 154.6 | 161.5 | 167.9 | 174.4 | 180.3 | 185.6 |
| 152.5° | 125.8 | 130.6 | 136.2 | 141.8 | 147.4 | 153.4 | 159.7 | 165.5 | 171.0 | 176.3 | 180.7 |
| 155° | 128.8 | 132.7 | 137.4 | 142.0 | 146.7 | 151.5 | 157.0 | 161.8 | 166.3 | 170.5 | 173.8 |
| 157.5° | 131.3 | 134.4 | 138.2 | 142.2 | 145.8 | 149.7 | 154.0 | 157.9 | 161.6 | 164.9 | 167.5 |
| 160° | 132.7 | 135.5 | 138.9 | 142.2 | 145.3 | 148.4 | 152.0 | 155.7 | 158.8 | 161.5 | 163.5 |
| 162.5° | 133.8 | 136.2 | 139.1 | 142.0 | 144.4 | 147.0 | 150.0 | 153.0 | 155.6 | 158.2 | 159.9 |
| 165° | 135.2 | 137.2 | 139.4 | 141.4 | 143.1 | 145.0 | 147.3 | 149.5 | 151.1 | 153.1 | 154.6 |
| 167.5° | 136.5 | 137.8 | 139.3 | 140.9 | 141.7 | 143.0 | 144.7 | 146.5 | 147.7 | 148.9 | 149.9 |
| 170° | 137.2 | 137.8 | 139.1 | 140.2 | 140.9 | 141.6 | 143.1 | 144.4 | 145.3 | 146.4 | 146.9 |
| 172.5° | 137.6 | 137.9 | 139.1 | 140.1 | 140.1 | 140.5 | 141.5 | 142.7 | 143.3 | 144.2 | 144.5 |
| 175° | 138.0 | 138.3 | 138.9 | 139.4 | 139.1 | 139.1 | 139.7 | 140.2 | 140.5 | 141.1 | 141.1 |
| 177.5° | 138.3 | 138.3 | 138.6 | 138.9 | 138.6 | 138.3 | 138.6 | 138.7 | 138.9 | 139.2 | 139.2 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 598.8 | 598.6 | 600.2 | 599.0 | 600.2 | 598.6 | 598.8 | 600.5 | 600.9 | 601.2 | 601.2 |
| 5° | 557.4 | 558.3 | 555.2 | 555.2 | 555.2 | 558.3 | 557.4 | 559.2 | 560.7 | 561.9 | 563.7 |
| 7.5° | 520.5 | 519.1 | 519.3 | 517.6 | 519.3 | 519.1 | 520.5 | 521.9 | 523.9 | 526.5 | 529.0 |
| 10° | 497.9 | 496.1 | 495.4 | 495.7 | 495.4 | 496.1 | 497.9 | 501.5 | 502.7 | 505.2 | 507.9 |
| 12.5° | 479.2 | 478.8 | 474.8 | 474.9 | 474.8 | 478.8 | 479.2 | 480.1 | 482.8 | 487.9 | 491.2 |
| 15° | 457.2 | 451.5 | 450.8 | 452.7 | 450.8 | 451.5 | 457.2 | 457.2 | 458.4 | 462.4 | 464.2 |
| 17.5° | 435.2 | 432.1 | 432.4 | 431.4 | 432.4 | 432.1 | 435.2 | 435.7 | 436.7 | 439.9 | 442.3 |
| 20° | 423.6 | 421.8 | 421.4 | 419.3 | 421.4 | 421.8 | 423.6 | 423.6 | 424.8 | 426.3 | 428.7 |
| 22.5° | 412.9 | 412.3 | 412.4 | 410.1 | 412.4 | 412.3 | 412.9 | 413.6 | 414.8 | 415.8 | 417.6 |
| 25° | 399.6 | 401.1 | 399.9 | 399.9 | 399.9 | 401.1 | 399.6 | 399.9 | 400.2 | 401.7 | 402.9 |
| 27.5° | 390.6 | 390.5 | 389.9 | 389.9 | 389.9 | 390.5 | 390.6 | 389.8 | 389.5 | 389.0 | 388.7 |
| 30° | 383.8 | 383.5 | 384.1 | 384.1 | 384.1 | 383.5 | 383.8 | 382.6 | 382.0 | 381.7 | 380.5 |
| 32.5° | 377.0 | 377.4 | 377.6 | 377.8 | 377.6 | 377.4 | 377.0 | 375.6 | 374.5 | 373.7 | 372.7 |
| 35° | 366.5 | 366.8 | 367.7 | 367.1 | 367.7 | 366.8 | 366.5 | 364.7 | 363.5 | 361.6 | 360.1 |
| 37.5° | 352.3 | 353.7 | 353.4 | 353.9 | 353.4 | 353.7 | 352.3 | 351.7 | 350.5 | 349.2 | 347.4 |
| 40° | 341.7 | 342.5 | 342.2 | 342.2 | 342.2 | 342.5 | 341.7 | 341.4 | 340.1 | 339.2 | 337.7 |
| 42.5° | 330.7 | 331.4 | 330.6 | 330.1 | 330.6 | 331.4 | 330.7 | 330.2 | 329.5 | 327.8 | 326.1 |
| 45° | 312.8 | 312.2 | 313.1 | 311.9 | 313.1 | 312.2 | 312.8 | 311.6 | 311.3 | 310.1 | 308.6 |
| 47.5° | 292.8 | 293.4 | 293.7 | 294.5 | 293.7 | 293.4 | 292.8 | 292.9 | 291.2 | 290.5 | 290.0 |
| 50° | 279.4 | 281.2 | 281.2 | 281.0 | 281.2 | 281.2 | 279.4 | 278.8 | 277.6 | 276.4 | 276.4 |
| 52.5° | 266.3 | 267.2 | 268.4 | 268.3 | 268.4 | 267.2 | 266.3 | 265.2 | 264.0 | 262.3 | 261.8 |
| 55° | 246.1 | 246.7 | 247.2 | 247.6 | 247.2 | 246.7 | 246.1 | 243.6 | 242.7 | 241.8 | 240.3 |
| 57.5° | 225.1 | 224.8 | 226.2 | 226.7 | 226.2 | 224.8 | 225.1 | 222.8 | 221.5 | 218.7 | 218.3 |
| 60° | 210.2 | 210.2 | 212.7 | 213.6 | 212.7 | 210.2 | 210.2 | 207.9 | 205.7 | 203.9 | 203.3 |
| 62.5° | 194.5 | 195.4 | 197.9 | 196.6 | 197.9 | 195.4 | 194.5 | 191.8 | 190.2 | 187.9 | 186.3 |
| 65° | 171.4 | 173.9 | 173.6 | 174.8 | 173.6 | 173.9 | 171.4 | 169.9 | 166.6 | 164.5 | 162.6 |
| 67.5° | 147.3 | 148.9 | 151.1 | 151.2 | 151.1 | 148.9 | 147.3 | 144.9 | 142.8 | 140.5 | 138.3 |
| 70° | 131.1 | 132.6 | 133.8 | 134.7 | 133.8 | 132.6 | 131.1 | 128.7 | 126.2 | 124.7 | 122.2 |
| 72.5° | 115.3 | 116.1 | 119.0 | 117.7 | 119.0 | 116.1 | 115.3 | 112.4 | 110.4 | 109.2 | 106.5 |
| 75° | 90.4 | 92.5 | 94.3 | 93.5 | 94.3 | 92.5 | 90.4 | 88.3 | 86.7 | 84.9 | 82.5 |
| 77.5° | 66.9 | 69.0 | 69.9 | 69.1 | 69.9 | 69.0 | 66.9 | 65.5 | 64.7 | 61.1 | 60.8 |
| 80° | 52.8 | 52.5 | 54.3 | 54.0 | 54.3 | 52.5 | 52.8 | 50.7 | 49.1 | 47.1 | 47.1 |
| 82.5° | 38.7 | 38.4 | 39.3 | 39.5 | 39.3 | 38.4 | 38.7 | 37.5 | 35.6 | 34.6 | 33.9 |
| 85° | 18.8 | 19.7 | 18.5 | 18.2 | 18.5 | 19.7 | 18.8 | 17.6 | 17.6 | 17.6 | 17.3 |
| 87.5° | 5.9 | 6.0 | 5.8 | 5.5 | 5.8 | 6.0 | 5.9 | 6.0 | 6.8 | 6.1 | 6.0 |
| 90° | 7.8 | 8.1 | 8.4 | 8.1 | 8.4 | 8.1 | 7.8 | 8.1 | 7.5 | 7.3 | 7.0 |
| 92.5° | 14.6 | 13.7 | 14.0 | 13.5 | 14.0 | 13.7 | 14.6 | 15.1 | 16.5 | 18.7 | 23.6 |
| 95° | 38.1 | 35.6 | 33.6 | 32.5 | 33.6 | 35.6 | 38.1 | 43.4 | 53.5 | 68.3 | 100.8 |
| 97.5° | 111.0 | 98.4 | 90.8 | 88.4 | 90.8 | 98.4 | 111.0 | 131.7 | 165.1 | 201.2 | 251.2 |
| 100° | 206.6 | 186.2 | 175.2 | 175.5 | 175.2 | 186.2 | 206.6 | 234.9 | 274.6 | 307.4 | 330.0 |
| 102.5° | 289.2 | 273.1 | 264.0 | 257.5 | 264.0 | 273.1 | 289.2 | 311.2 | 336.4 | 355.5 | 356.2 |
| 105° | 377.1 | 366.5 | 357.5 | 356.1 | 357.5 | 366.5 | 377.1 | 390.0 | 397.2 | 391.9 | 363.9 |
| 107.5° | 422.1 | 418.4 | 415.4 | 412.9 | 415.4 | 418.4 | 422.1 | 421.8 | 411.9 | 387.3 | 341.8 |
| 110° | 435.1 | 437.3 | 436.7 | 436.2 | 436.7 | 437.3 | 435.1 | 427.2 | 407.6 | 372.3 | 320.8 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 431.7 | 438.6 | 440.8 | 440.8 | 440.8 | 438.6 | 431.7 | 417.3 | 392.1 | 352.6 | 300.0 |
| 115° | 413.8 | 426.0 | 431.7 | 433.1 | 431.7 | 426.0 | 413.8 | 392.8 | 362.3 | 321.1 | 272.4 |
| 117.5° | 384.3 | 398.4 | 406.4 | 408.3 | 406.4 | 398.4 | 384.3 | 362.3 | 331.4 | 294.5 | 252.4 |
| 120° | 363.6 | 379.3 | 386.0 | 387.7 | 386.0 | 379.3 | 363.6 | 341.5 | 313.2 | 279.6 | 241.9 |
| 122.5° | 344.8 | 358.9 | 366.3 | 368.4 | 366.3 | 358.9 | 344.8 | 325.2 | 298.9 | 267.8 | 233.6 |
| 125° | 320.3 | 332.6 | 339.6 | 341.5 | 339.6 | 332.6 | 320.3 | 302.4 | 280.0 | 253.1 | 222.5 |
| 127.5° | 300.7 | 311.2 | 317.6 | 319.3 | 317.6 | 311.2 | 300.7 | 284.8 | 264.4 | 240.1 | 212.9 |
| 130° | 288.6 | 298.7 | 304.6 | 306.8 | 304.6 | 298.7 | 288.6 | 273.8 | 254.8 | 232.1 | 206.8 |
| 132.5° | 277.7 | 287.7 | 292.9 | 294.5 | 292.9 | 287.7 | 277.7 | 263.7 | 245.6 | 224.4 | 201.3 |
| 135° | 261.5 | 269.9 | 274.9 | 276.9 | 274.9 | 269.9 | 261.5 | 247.7 | 231.8 | 213.6 | 193.7 |
| 137.5° | 244.2 | 252.7 | 256.9 | 258.3 | 256.9 | 252.7 | 244.2 | 232.7 | 218.8 | 203.1 | 186.8 |
| 140° | 233.2 | 241.1 | 245.5 | 245.3 | 245.5 | 241.1 | 233.2 | 222.5 | 210.5 | 197.1 | 182.8 |
| 142.5° | 222.4 | 229.4 | 233.4 | 233.1 | 233.4 | 229.4 | 222.4 | 213.3 | 202.9 | 191.2 | 179.0 |
| 145° | 207.7 | 213.6 | 215.9 | 216.4 | 215.9 | 213.6 | 207.7 | 200.7 | 192.6 | 183.6 | 174.4 |
| 147.5° | 196.3 | 200.3 | 202.4 | 202.6 | 202.4 | 200.3 | 196.3 | 191.0 | 185.2 | 178.0 | 170.6 |
| 150° | 189.8 | 192.9 | 194.6 | 194.6 | 194.6 | 192.9 | 189.8 | 185.6 | 180.3 | 174.4 | 167.9 |
| 152.5° | 183.9 | 186.8 | 187.8 | 187.8 | 187.8 | 186.8 | 183.9 | 180.7 | 176.3 | 171.0 | 165.5 |
| 155° | 176.3 | 178.6 | 179.2 | 179.4 | 179.2 | 178.6 | 176.3 | 173.8 | 170.5 | 166.3 | 161.8 |
| 157.5° | 169.7 | 171.3 | 171.8 | 171.7 | 171.8 | 171.3 | 169.7 | 167.5 | 164.9 | 161.6 | 157.9 |
| 160° | 165.4 | 167.2 | 167.2 | 166.8 | 167.2 | 167.2 | 165.4 | 163.5 | 161.5 | 158.8 | 155.7 |
| 162.5° | 161.2 | 162.6 | 162.6 | 162.4 | 162.6 | 162.6 | 161.2 | 159.9 | 158.2 | 155.6 | 153.0 |
| 165° | 155.7 | 156.8 | 156.5 | 156.5 | 156.5 | 156.8 | 155.7 | 154.6 | 153.1 | 151.1 | 149.5 |
| 167.5° | 150.4 | 151.1 | 150.9 | 150.9 | 150.9 | 151.1 | 150.4 | 149.9 | 148.9 | 147.7 | 146.5 |
| 170° | 147.3 | 147.8 | 147.5 | 147.5 | 147.5 | 147.8 | 147.3 | 146.9 | 146.4 | 145.3 | 144.4 |
| 172.5° | 144.6 | 145.1 | 144.7 | 144.4 | 144.7 | 145.1 | 144.6 | 144.5 | 144.2 | 143.3 | 142.7 |
| 175° | 141.1 | 141.4 | 141.1 | 140.9 | 141.1 | 141.4 | 141.1 | 141.1 | 141.1 | 140.5 | 140.2 |
| 177.5° | 138.9 | 139.2 | 138.7 | 138.7 | 138.7 | 139.2 | 138.9 | 139.2 | 139.2 | 138.9 | 138.7 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 600.5 | 600.5 | 605.1 | 608.0 | 611.6 | 614.1 | 615.8 | 617.5 | 620.4 | 624.3 | 628.7 |
| 5° | 566.2 | 567.4 | 574.0 | 580.7 | 587.1 | 592.6 | 597.1 | 602.5 | 609.3 | 617.4 | 626.5 |
| 7.5° | 532.9 | 537.6 | 544.3 | 552.5 | 561.3 | 569.3 | 577.3 | 586.4 | 595.7 | 607.8 | 620.6 |
| 10° | 511.5 | 516.7 | 524.9 | 535.2 | 544.6 | 554.0 | 564.0 | 573.7 | 585.6 | 599.8 | 616.2 |
| 12.5° | 492.8 | 497.7 | 506.2 | 517.5 | 526.4 | 536.8 | 548.3 | 560.9 | 574.2 | 591.4 | 609.9 |
| 15° | 466.9 | 472.7 | 483.0 | 488.5 | 502.2 | 514.6 | 525.2 | 543.4 | 560.4 | 578.0 | 599.5 |
| 17.5° | 445.7 | 448.9 | 457.2 | 467.4 | 477.6 | 491.5 | 505.5 | 520.6 | 537.6 | 559.1 | 586.1 |
| 20° | 431.1 | 433.9 | 443.0 | 453.6 | 464.5 | 477.3 | 489.7 | 504.9 | 523.9 | 546.8 | 575.8 |
| 22.5° | 420.2 | 423.2 | 429.1 | 440.5 | 450.7 | 461.2 | 473.6 | 491.8 | 512.1 | 534.3 | 565.9 |
| 25° | 404.4 | 406.2 | 410.2 | 419.3 | 428.4 | 440.2 | 451.1 | 468.2 | 489.1 | 515.2 | 546.8 |
| 27.5° | 389.4 | 391.2 | 394.5 | 401.0 | 409.6 | 419.1 | 431.0 | 445.4 | 466.7 | 495.0 | 528.5 |
| 30° | 380.5 | 380.8 | 383.8 | 389.8 | 397.1 | 405.0 | 416.0 | 432.4 | 452.3 | 481.2 | 516.4 |
| 32.5° | 372.7 | 371.5 | 373.6 | 378.2 | 385.2 | 393.2 | 402.1 | 418.3 | 437.6 | 465.9 | 502.1 |
| 35° | 359.5 | 358.9 | 358.0 | 361.9 | 368.0 | 374.1 | 382.0 | 394.1 | 416.0 | 442.4 | 480.3 |
| 37.5° | 346.1 | 344.7 | 343.0 | 344.8 | 349.6 | 355.9 | 362.7 | 373.5 | 392.4 | 421.4 | 457.7 |
| 40° | 336.2 | 334.9 | 334.1 | 333.4 | 337.7 | 343.7 | 348.9 | 359.3 | 376.8 | 404.4 | 440.2 |
| 42.5° | 325.3 | 324.6 | 323.4 | 322.5 | 326.1 | 330.7 | 336.0 | 345.2 | 362.7 | 388.6 | 422.6 |
| 45° | 307.7 | 307.0 | 306.4 | 305.9 | 307.9 | 312.2 | 316.5 | 323.1 | 338.3 | 363.5 | 394.1 |
| 47.5° | 288.0 | 287.2 | 287.5 | 286.5 | 288.6 | 291.4 | 294.5 | 301.6 | 316.2 | 336.4 | 358.9 |
| 50° | 273.9 | 273.7 | 273.7 | 273.7 | 274.3 | 277.6 | 280.4 | 285.8 | 299.1 | 319.5 | 335.6 |
| 52.5° | 260.6 | 259.4 | 259.4 | 259.8 | 260.9 | 263.1 | 264.8 | 270.8 | 282.4 | 299.1 | 313.7 |
| 55° | 239.7 | 237.3 | 236.6 | 237.3 | 238.2 | 240.0 | 241.8 | 246.7 | 256.7 | 269.1 | 277.6 |
| 57.5° | 216.5 | 215.2 | 214.4 | 214.5 | 215.0 | 216.4 | 217.9 | 223.2 | 231.0 | 237.5 | 243.0 |
| 60° | 200.3 | 200.8 | 198.1 | 198.8 | 198.8 | 199.9 | 202.1 | 205.4 | 212.1 | 216.7 | 222.1 |
| 62.5° | 185.0 | 184.1 | 183.3 | 182.4 | 182.4 | 182.9 | 185.8 | 188.4 | 194.1 | 196.5 | 200.7 |
| 65° | 161.1 | 161.1 | 159.3 | 159.9 | 160.2 | 158.0 | 159.6 | 162.6 | 166.3 | 167.2 | 171.1 |
| 67.5° | 137.0 | 136.1 | 135.1 | 134.2 | 134.2 | 134.0 | 134.8 | 136.3 | 139.0 | 139.3 | 142.4 |
| 70° | 120.4 | 119.9 | 119.5 | 118.7 | 117.4 | 118.9 | 118.0 | 119.5 | 121.0 | 121.4 | 123.2 |
| 72.5° | 104.4 | 103.9 | 103.3 | 102.3 | 101.9 | 101.7 | 101.8 | 103.5 | 104.6 | 104.1 | 106.2 |
| 75° | 81.6 | 81.0 | 80.4 | 78.9 | 78.9 | 78.0 | 78.3 | 79.5 | 80.7 | 79.8 | 81.6 |
| 77.5° | 60.0 | 58.1 | 58.0 | 58.4 | 57.4 | 57.5 | 57.2 | 57.0 | 57.5 | 57.6 | 59.3 |
| 80° | 46.1 | 44.0 | 44.6 | 44.3 | 44.0 | 43.7 | 43.1 | 43.4 | 43.7 | 44.0 | 44.9 |
| 82.5° | 33.3 | 33.0 | 32.5 | 32.4 | 32.1 | 31.3 | 31.0 | 31.5 | 31.8 | 31.6 | 32.3 |
| 85° | 17.0 | 16.1 | 16.7 | 16.4 | 16.7 | 16.4 | 15.4 | 15.4 | 16.1 | 15.8 | 16.4 |
| 87.5° | 6.4 | 6.5 | 6.1 | 6.2 | 5.8 | 5.9 | 5.5 | 5.6 | 5.7 | 5.5 | 5.9 |
| 90° | 6.7 | 7.0 | 6.2 | 5.3 | 4.5 | 3.6 | 3.1 | 2.5 | 1.7 | 1.1 | 0.6 |
| 92.5° | 32.5 | 43.0 | 47.4 | 35.6 | 23.5 | 16.2 | 12.0 | 9.7 | 7.5 | 5.1 | 3.5 |
| 95° | 134.7 | 166.0 | 147.8 | 101.9 | 60.2 | 36.4 | 25.5 | 18.2 | 13.5 | 10.4 | 9.5 |
| 97.5° | 275.2 | 257.3 | 188.4 | 111.8 | 64.8 | 42.1 | 30.3 | 23.1 | 18.9 | 16.5 | 16.2 |
| 100° | 320.3 | 265.1 | 179.2 | 105.5 | 64.1 | 44.5 | 33.6 | 26.9 | 23.0 | 21.0 | 20.8 |
| 102.5° | 322.5 | 250.6 | 165.7 | 100.1 | 65.0 | 47.5 | 37.4 | 31.4 | 27.6 | 25.9 | 25.4 |
| 105° | 305.4 | 225.1 | 149.2 | 96.3 | 67.5 | 52.4 | 43.6 | 38.3 | 35.0 | 33.4 | 32.5 |
| 107.5° | 275.5 | 202.6 | 138.7 | 96.0 | 72.1 | 58.8 | 50.7 | 45.7 | 42.5 | 40.8 | 40.0 |
| 110° | 256.7 | 189.8 | 134.7 | 97.1 | 75.9 | 63.3 | 55.5 | 50.7 | 47.6 | 46.2 | 45.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 240.3 | 181.3 | 132.4 | 99.4 | 79.7 | 68.0 | 60.4 | 55.6 | 52.5 | 51.1 | 50.3 |
| 115° | 220.6 | 172.1 | 131.6 | 103.0 | 86.0 | 75.3 | 67.7 | 63.0 | 60.2 | 58.5 | 57.4 |
| 117.5° | 208.7 | 166.8 | 132.1 | 107.8 | 92.6 | 82.1 | 75.1 | 69.8 | 67.2 | 65.8 | 64.5 |
| 120° | 202.4 | 164.3 | 133.0 | 111.4 | 96.9 | 86.7 | 79.8 | 74.5 | 71.7 | 70.3 | 69.4 |
| 122.5° | 197.3 | 162.8 | 134.5 | 114.8 | 101.3 | 91.5 | 84.1 | 79.0 | 75.9 | 74.5 | 73.7 |
| 125° | 190.7 | 160.7 | 136.9 | 120.1 | 107.8 | 98.0 | 90.4 | 85.1 | 82.0 | 80.3 | 79.8 |
| 127.5° | 184.8 | 159.7 | 139.6 | 124.5 | 113.4 | 103.9 | 96.3 | 90.5 | 87.4 | 85.2 | 84.4 |
| 130° | 181.6 | 159.0 | 141.4 | 127.4 | 116.8 | 107.5 | 100.0 | 94.0 | 90.7 | 88.2 | 87.4 |
| 132.5° | 178.8 | 158.8 | 142.8 | 130.1 | 119.6 | 110.7 | 103.3 | 97.4 | 93.4 | 90.6 | 89.6 |
| 135° | 175.0 | 158.4 | 144.7 | 133.6 | 124.0 | 115.3 | 107.8 | 101.9 | 97.7 | 94.6 | 93.5 |
| 137.5° | 171.7 | 157.8 | 146.1 | 136.1 | 127.1 | 118.7 | 111.7 | 105.8 | 101.4 | 98.4 | 97.2 |
| 140° | 169.6 | 157.6 | 146.9 | 137.4 | 129.0 | 121.0 | 113.9 | 108.4 | 103.9 | 101.1 | 99.7 |
| 142.5° | 167.9 | 157.2 | 147.7 | 138.8 | 130.6 | 122.7 | 116.2 | 110.6 | 106.5 | 103.5 | 102.3 |
| 145° | 165.4 | 156.5 | 148.1 | 140.2 | 132.7 | 125.4 | 119.0 | 114.2 | 110.0 | 107.5 | 106.6 |
| 147.5° | 163.1 | 155.4 | 148.1 | 141.2 | 134.4 | 127.7 | 122.2 | 117.6 | 114.0 | 111.5 | 111.1 |
| 150° | 161.5 | 154.6 | 148.1 | 141.4 | 135.5 | 129.0 | 124.0 | 120.1 | 116.5 | 114.2 | 113.9 |
| 152.5° | 159.7 | 153.4 | 147.4 | 141.8 | 136.2 | 130.6 | 125.8 | 122.3 | 119.1 | 116.9 | 116.8 |
| 155° | 157.0 | 151.5 | 146.7 | 142.0 | 137.4 | 132.7 | 128.8 | 125.7 | 122.9 | 121.2 | 121.2 |
| 157.5° | 154.0 | 149.7 | 145.8 | 142.2 | 138.2 | 134.4 | 131.3 | 128.7 | 126.3 | 124.9 | 124.7 |
| 160° | 152.0 | 148.4 | 145.3 | 142.2 | 138.9 | 135.5 | 132.7 | 130.7 | 128.5 | 127.4 | 127.4 |
| 162.5° | 150.0 | 147.0 | 144.4 | 142.0 | 139.1 | 136.2 | 133.8 | 132.1 | 130.3 | 129.4 | 129.4 |
| 165° | 147.3 | 145.0 | 143.1 | 141.4 | 139.4 | 137.2 | 135.2 | 134.1 | 132.7 | 132.1 | 132.4 |
| 167.5° | 144.7 | 143.0 | 141.7 | 140.9 | 139.3 | 137.8 | 136.5 | 135.7 | 134.7 | 134.4 | 134.7 |
| 170° | 143.1 | 141.6 | 140.9 | 140.2 | 139.1 | 137.8 | 137.2 | 136.6 | 135.8 | 135.5 | 136.0 |
| 172.5° | 141.5 | 140.5 | 140.1 | 140.1 | 139.1 | 137.9 | 137.6 | 137.3 | 136.7 | 136.6 | 137.0 |
| 175° | 139.7 | 139.1 | 139.1 | 139.4 | 138.9 | 138.3 | 138.0 | 138.0 | 137.4 | 137.8 | 138.0 |
| 177.5° | 138.6 | 138.3 | 138.6 | 138.9 | 138.6 | 138.3 | 138.3 | 138.3 | 138.1 | 138.3 | 138.6 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 630.1 | 631.3 | 635.4 | 638.3 | 641.7 | 643.7 | 645.6 | 647.1 | 649.0 | 649.5 | 656.6 |
| 5° | 632.9 | 639.0 | 649.6 | 657.4 | 667.2 | 677.8 | 685.1 | 688.4 | 697.2 | 704.5 | 719.1 |
| 7.5° | 632.1 | 645.0 | 661.1 | 677.7 | 695.5 | 712.0 | 726.4 | 743.3 | 755.4 | 773.6 | 791.5 |
| 10° | 631.4 | 648.6 | 669.3 | 690.5 | 715.4 | 738.5 | 759.1 | 782.2 | 801.3 | 826.5 | 848.0 |
| 12.5° | 629.2 | 650.1 | 678.7 | 703.9 | 734.1 | 765.9 | 796.5 | 826.1 | 843.0 | 884.9 | 904.8 |
| 15° | 623.8 | 648.6 | 684.4 | 722.7 | 764.3 | 801.9 | 840.7 | 871.6 | 921.7 | 958.5 | 981.8 |
| 17.5° | 613.5 | 648.3 | 690.8 | 736.9 | 787.4 | 837.0 | 881.0 | 928.0 | 981.1 | 1025.5 | 1072.9 |
| 20° | 608.6 | 646.8 | 694.2 | 745.1 | 797.6 | 853.7 | 903.8 | 960.3 | 1018.2 | 1061.9 | 1122.6 |
| 22.5° | 599.7 | 642.9 | 694.0 | 750.8 | 806.8 | 864.9 | 923.5 | 980.4 | 1047.3 | 1107.6 | 1165.3 |
| 25° | 584.9 | 633.5 | 686.3 | 749.7 | 815.6 | 873.8 | 943.9 | 1019.5 | 1089.3 | 1166.6 | 1224.2 |
| 27.5° | 569.6 | 621.4 | 674.3 | 733.2 | 804.1 | 873.2 | 961.4 | 1046.7 | 1132.0 | 1198.9 | 1241.5 |
| 30° | 557.6 | 608.0 | 662.7 | 722.1 | 792.2 | 874.4 | 973.0 | 1066.1 | 1149.3 | 1206.7 | 1230.6 |
| 32.5° | 544.8 | 595.9 | 644.2 | 706.5 | 781.3 | 873.7 | 980.3 | 1077.5 | 1150.2 | 1188.4 | 1183.8 |
| 35° | 524.6 | 567.4 | 614.4 | 674.5 | 762.5 | 868.3 | 984.5 | 1078.6 | 1123.2 | 1115.0 | 1053.1 |
| 37.5° | 495.4 | 531.5 | 577.7 | 643.5 | 740.6 | 857.1 | 976.0 | 1046.6 | 1043.7 | 977.0 | 887.3 |
| 40° | 477.3 | 507.9 | 552.5 | 621.7 | 723.6 | 849.9 | 962.7 | 1008.5 | 969.7 | 876.5 | 769.1 |
| 42.5° | 453.4 | 481.6 | 526.2 | 597.4 | 705.0 | 835.0 | 937.2 | 950.5 | 874.5 | 767.3 | 668.9 |
| 45° | 416.6 | 441.5 | 487.6 | 561.0 | 676.9 | 802.8 | 875.0 | 842.6 | 740.3 | 629.5 | 554.6 |
| 47.5° | 376.9 | 402.8 | 447.2 | 522.6 | 636.4 | 754.3 | 788.7 | 719.7 | 614.7 | 524.9 | 456.1 |
| 50° | 352.0 | 376.8 | 420.2 | 496.4 | 609.0 | 714.5 | 728.8 | 639.6 | 543.1 | 464.2 | 407.7 |
| 52.5° | 326.7 | 350.1 | 392.8 | 469.2 | 576.9 | 668.4 | 659.6 | 568.7 | 480.0 | 412.7 | 368.4 |
| 55° | 289.1 | 311.3 | 352.0 | 423.6 | 521.6 | 594.1 | 562.2 | 475.5 | 402.0 | 349.8 | 316.2 |
| 57.5° | 255.6 | 276.8 | 311.8 | 376.5 | 461.7 | 511.5 | 471.0 | 397.9 | 339.5 | 299.4 | 274.3 |
| 60° | 232.7 | 251.5 | 284.9 | 345.0 | 419.0 | 456.9 | 416.8 | 352.3 | 303.1 | 270.9 | 248.5 |
| 62.5° | 211.1 | 227.5 | 258.4 | 312.9 | 377.2 | 409.1 | 368.6 | 313.9 | 272.0 | 243.5 | 224.4 |
| 65° | 178.4 | 193.3 | 220.5 | 263.1 | 315.8 | 337.1 | 302.2 | 257.9 | 225.5 | 204.2 | 191.5 |
| 67.5° | 148.5 | 161.1 | 184.7 | 218.2 | 257.1 | 272.5 | 246.0 | 211.7 | 187.2 | 170.2 | 160.0 |
| 70° | 128.7 | 139.6 | 158.0 | 186.9 | 222.1 | 233.9 | 209.1 | 180.9 | 163.0 | 149.2 | 139.9 |
| 72.5° | 111.9 | 119.9 | 136.7 | 159.0 | 188.4 | 197.7 | 180.4 | 155.6 | 138.9 | 128.7 | 121.2 |
| 75° | 85.2 | 91.9 | 102.8 | 120.7 | 141.1 | 146.6 | 133.5 | 118.0 | 106.8 | 99.5 | 93.7 |
| 77.5° | 61.5 | 66.4 | 74.3 | 85.3 | 99.4 | 104.3 | 96.1 | 85.7 | 77.6 | 72.6 | 69.4 |
| 80° | 46.4 | 50.4 | 57.0 | 66.1 | 74.6 | 77.4 | 72.5 | 64.6 | 58.9 | 56.2 | 53.4 |
| 82.5° | 34.3 | 36.5 | 40.6 | 46.7 | 52.5 | 55.8 | 51.7 | 46.9 | 43.8 | 41.4 | 40.3 |
| 85° | 17.3 | 18.5 | 20.4 | 22.7 | 26.4 | 27.6 | 26.1 | 24.9 | 23.1 | 21.5 | 21.5 |
| 87.5° | 6.5 | 6.7 | 7.5 | 8.2 | 9.2 | 10.1 | 10.1 | 9.7 | 9.7 | 9.3 | 9.2 |
| 90° | 1.1 | 1.7 | 2.5 | 3.1 | 3.6 | 4.5 | 5.3 | 6.2 | 7.0 | 6.7 | 7.0 |
| 92.5° | 5.1 | 7.5 | 9.7 | 12.0 | 16.2 | 23.5 | 35.6 | 47.4 | 43.0 | 32.5 | 23.6 |
| 95° | 10.4 | 13.5 | 18.2 | 25.5 | 36.4 | 60.2 | 101.9 | 147.8 | 166.0 | 134.7 | 100.8 |
| 97.5° | 16.5 | 18.9 | 23.1 | 30.3 | 42.1 | 64.8 | 111.8 | 188.4 | 257.3 | 275.2 | 251.2 |
| 100° | 21.0 | 23.0 | 26.9 | 33.6 | 44.5 | 64.1 | 105.5 | 179.2 | 265.1 | 320.3 | 330.0 |
| 102.5° | 25.9 | 27.6 | 31.4 | 37.4 | 47.5 | 65.0 | 100.1 | 165.7 | 250.6 | 322.5 | 356.2 |
| 105° | 33.4 | 35.0 | 38.3 | 43.6 | 52.4 | 67.5 | 96.3 | 149.2 | 225.1 | 305.4 | 363.9 |
| 107.5° | 40.8 | 42.5 | 45.7 | 50.7 | 58.8 | 72.1 | 96.0 | 138.7 | 202.6 | 275.5 | 341.8 |
| 110° | 46.2 | 47.6 | 50.7 | 55.5 | 63.3 | 75.9 | 97.1 | 134.7 | 189.8 | 256.7 | 320.8 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 51.1 | 52.5 | 55.6 | 60.4 | 68.0 | 79.7 | 99.4 | 132.4 | 181.3 | 240.3 | 300.0 |
| 115° | 58.5 | 60.2 | 63.0 | 67.7 | 75.3 | 86.0 | 103.0 | 131.6 | 172.1 | 220.6 | 272.4 |
| 117.5° | 65.8 | 67.2 | 69.8 | 75.1 | 82.1 | 92.6 | 107.8 | 132.1 | 166.8 | 208.7 | 252.4 |
| 120° | 70.3 | 71.7 | 74.5 | 79.8 | 86.7 | 96.9 | 111.4 | 133.0 | 164.3 | 202.4 | 241.9 |
| 122.5° | 74.5 | 75.9 | 79.0 | 84.1 | 91.5 | 101.3 | 114.8 | 134.5 | 162.8 | 197.3 | 233.6 |
| 125° | 80.3 | 82.0 | 85.1 | 90.4 | 98.0 | 107.8 | 120.1 | 136.9 | 160.7 | 190.7 | 222.5 |
| 127.5° | 85.2 | 87.4 | 90.5 | 96.3 | 103.9 | 113.4 | 124.5 | 139.6 | 159.7 | 184.8 | 212.9 |
| 130° | 88.2 | 90.7 | 94.0 | 100.0 | 107.5 | 116.8 | 127.4 | 141.4 | 159.0 | 181.6 | 206.8 |
| 132.5° | 90.6 | 93.4 | 97.4 | 103.3 | 110.7 | 119.6 | 130.1 | 142.8 | 158.8 | 178.8 | 201.3 |
| 135° | 94.6 | 97.7 | 101.9 | 107.8 | 115.3 | 124.0 | 133.6 | 144.7 | 158.4 | 175.0 | 193.7 |
| 137.5° | 98.4 | 101.4 | 105.8 | 111.7 | 118.7 | 127.1 | 136.1 | 146.1 | 157.8 | 171.7 | 186.8 |
| 140° | 101.1 | 103.9 | 108.4 | 113.9 | 121.0 | 129.0 | 137.4 | 146.9 | 157.6 | 169.6 | 182.8 |
| 142.5° | 103.5 | 106.5 | 110.6 | 116.2 | 122.7 | 130.6 | 138.8 | 147.7 | 157.2 | 167.9 | 179.0 |
| 145° | 107.5 | 110.0 | 114.2 | 119.0 | 125.4 | 132.7 | 140.2 | 148.1 | 156.5 | 165.4 | 174.4 |
| 147.5° | 111.5 | 114.0 | 117.6 | 122.2 | 127.7 | 134.4 | 141.2 | 148.1 | 155.4 | 163.1 | 170.6 |
| 150° | 114.2 | 116.5 | 120.1 | 124.0 | 129.0 | 135.5 | 141.4 | 148.1 | 154.6 | 161.5 | 167.9 |
| 152.5° | 116.9 | 119.1 | 122.3 | 125.8 | 130.6 | 136.2 | 141.8 | 147.4 | 153.4 | 159.7 | 165.5 |
| 155° | 121.2 | 122.9 | 125.7 | 128.8 | 132.7 | 137.4 | 142.0 | 146.7 | 151.5 | 157.0 | 161.8 |
| 157.5° | 124.9 | 126.3 | 128.7 | 131.3 | 134.4 | 138.2 | 142.2 | 145.8 | 149.7 | 154.0 | 157.9 |
| 160° | 127.4 | 128.5 | 130.7 | 132.7 | 135.5 | 138.9 | 142.2 | 145.3 | 148.4 | 152.0 | 155.7 |
| 162.5° | 129.4 | 130.3 | 132.1 | 133.8 | 136.2 | 139.1 | 142.0 | 144.4 | 147.0 | 150.0 | 153.0 |
| 165° | 132.1 | 132.7 | 134.1 | 135.2 | 137.2 | 139.4 | 141.4 | 143.1 | 145.0 | 147.3 | 149.5 |
| 167.5° | 134.4 | 134.7 | 135.7 | 136.5 | 137.8 | 139.3 | 140.9 | 141.7 | 143.0 | 144.7 | 146.5 |
| 170° | 135.5 | 135.8 | 136.6 | 137.2 | 137.8 | 139.1 | 140.2 | 140.9 | 141.6 | 143.1 | 144.4 |
| 172.5° | 136.6 | 136.7 | 137.3 | 137.6 | 137.9 | 139.1 | 140.1 | 140.1 | 140.5 | 141.5 | 142.7 |
| 175° | 137.8 | 137.4 | 138.0 | 138.0 | 138.3 | 138.9 | 139.4 | 139.1 | 139.1 | 139.7 | 140.2 |
| 177.5° | 138.3 | 138.1 | 138.3 | 138.3 | 138.3 | 138.6 | 138.9 | 138.6 | 138.3 | 138.6 | 138.7 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 |
| 2.5° | 659.0 | 659.3 | 661.9 | 663.8 | 662.9 | 664.1 | 664.6 |
| 5° | 719.9 | 730.9 | 736.7 | 740.9 | 741.2 | 741.5 | 743.9 |
| 7.5° | 806.4 | 818.2 | 826.7 | 839.7 | 843.6 | 848.0 | 846.8 |
| 10° | 869.6 | 886.8 | 901.7 | 909.6 | 918.1 | 930.5 | 920.5 |
| 12.5° | 928.5 | 959.2 | 981.8 | 994.0 | 1002.1 | 1004.6 | 999.7 |
| 15° | 1025.8 | 1065.9 | 1087.4 | 1086.8 | 1114.1 | 1125.9 | 1107.4 |
| 17.5° | 1115.0 | 1152.0 | 1181.5 | 1196.7 | 1219.5 | 1224.6 | 1222.3 |
| 20° | 1169.6 | 1210.0 | 1233.0 | 1259.1 | 1271.0 | 1281.6 | 1283.4 |
| 22.5° | 1216.7 | 1252.9 | 1277.7 | 1299.4 | 1309.3 | 1314.3 | 1317.4 |
| 25° | 1265.2 | 1293.7 | 1308.6 | 1316.1 | 1318.9 | 1318.3 | 1314.3 |
| 27.5° | 1261.9 | 1264.0 | 1247.7 | 1231.6 | 1217.2 | 1200.9 | 1195.4 |
| 30° | 1229.1 | 1203.6 | 1158.1 | 1132.3 | 1094.4 | 1064.3 | 1076.5 |
| 32.5° | 1142.9 | 1092.2 | 1041.1 | 984.7 | 938.0 | 924.8 | 911.4 |
| 35° | 975.4 | 886.2 | 834.1 | 773.4 | 749.1 | 724.8 | 708.1 |
| 37.5° | 789.2 | 720.2 | 658.2 | 618.5 | 594.2 | 578.9 | 570.6 |
| 40° | 682.4 | 620.1 | 569.2 | 537.0 | 518.5 | 501.2 | 498.8 |
| 42.5° | 597.1 | 539.3 | 501.0 | 475.4 | 457.6 | 450.3 | 444.9 |
| 45° | 489.1 | 448.7 | 422.9 | 404.7 | 392.9 | 388.3 | 382.3 |
| 47.5° | 414.0 | 385.5 | 366.1 | 353.7 | 344.8 | 341.4 | 340.9 |
| 50° | 372.0 | 348.3 | 334.1 | 324.3 | 317.3 | 316.2 | 311.3 |
| 52.5° | 340.4 | 319.9 | 308.8 | 300.3 | 295.2 | 291.8 | 290.4 |
| 55° | 295.5 | 281.9 | 271.9 | 267.0 | 263.1 | 259.7 | 259.7 |
| 57.5° | 258.6 | 247.2 | 240.5 | 236.4 | 235.2 | 232.8 | 231.3 |
| 60° | 235.8 | 226.0 | 220.9 | 217.2 | 214.8 | 215.1 | 212.4 |
| 62.5° | 213.4 | 207.1 | 202.2 | 198.5 | 195.7 | 195.7 | 195.9 |
| 65° | 181.7 | 176.9 | 173.3 | 172.1 | 170.2 | 168.1 | 168.7 |
| 67.5° | 154.0 | 149.5 | 146.6 | 144.6 | 143.9 | 142.8 | 144.6 |
| 70° | 134.1 | 130.8 | 128.7 | 126.8 | 126.2 | 126.5 | 128.0 |
| 72.5° | 115.9 | 113.5 | 112.2 | 111.3 | 110.0 | 110.0 | 111.1 |
| 75° | 91.0 | 89.2 | 88.0 | 87.1 | 86.7 | 86.7 | 86.7 |
| 77.5° | 66.9 | 66.5 | 65.9 | 64.6 | 64.6 | 65.0 | 65.0 |
| 80° | 52.8 | 51.9 | 51.6 | 50.9 | 50.1 | 49.4 | 50.9 |
| 82.5° | 39.5 | 38.5 | 38.3 | 38.1 | 36.7 | 36.6 | 37.9 |
| 85° | 21.2 | 20.4 | 20.6 | 20.4 | 20.4 | 20.0 | 20.0 |
| 87.5° | 9.0 | 8.8 | 8.6 | 8.9 | 8.6 | 8.5 | 8.9 |
| 90° | 7.3 | 7.5 | 8.1 | 7.8 | 8.1 | 8.4 | 8.1 |
| 92.5° | 18.7 | 16.5 | 15.1 | 14.6 | 13.7 | 14.0 | 13.5 |
| 95° | 68.3 | 53.5 | 43.4 | 38.1 | 35.6 | 33.6 | 32.5 |
| 97.5° | 201.2 | 165.1 | 131.7 | 111.0 | 98.4 | 90.8 | 88.4 |
| 100° | 307.4 | 274.6 | 234.9 | 206.6 | 186.2 | 175.2 | 175.5 |
| 102.5° | 355.5 | 336.4 | 311.2 | 289.2 | 273.1 | 264.0 | 257.5 |
| 105° | 391.9 | 397.2 | 390.0 | 377.1 | 366.5 | 357.5 | 356.1 |
| 107.5° | 387.3 | 411.9 | 421.8 | 422.1 | 418.4 | 415.4 | 412.9 |
| 110° | 372.3 | 407.6 | 427.2 | 435.1 | 437.3 | 436.7 | 436.2 |



TEST NUMBER: P331912-927

CATALOG NUMBER: S123DIP-S560D365U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 352.6 | 392.1 | 417.3 | 431.7 | 438.6 | 440.8 | 440.8 |
| 115° | 321.1 | 362.3 | 392.8 | 413.8 | 426.0 | 431.7 | 433.1 |
| 117.5° | 294.5 | 331.4 | 362.3 | 384.3 | 398.4 | 406.4 | 408.3 |
| 120° | 279.6 | 313.2 | 341.5 | 363.6 | 379.3 | 386.0 | 387.7 |
| 122.5° | 267.8 | 298.9 | 325.2 | 344.8 | 358.9 | 366.3 | 368.4 |
| 125° | 253.1 | 280.0 | 302.4 | 320.3 | 332.6 | 339.6 | 341.5 |
| 127.5° | 240.1 | 264.4 | 284.8 | 300.7 | 311.2 | 317.6 | 319.3 |
| 130° | 232.1 | 254.8 | 273.8 | 288.6 | 298.7 | 304.6 | 306.8 |
| 132.5° | 224.4 | 245.6 | 263.7 | 277.7 | 287.7 | 292.9 | 294.5 |
| 135° | 213.6 | 231.8 | 247.7 | 261.5 | 269.9 | 274.9 | 276.9 |
| 137.5° | 203.1 | 218.8 | 232.7 | 244.2 | 252.7 | 256.9 | 258.3 |
| 140° | 197.1 | 210.5 | 222.5 | 233.2 | 241.1 | 245.5 | 245.3 |
| 142.5° | 191.2 | 202.9 | 213.3 | 222.4 | 229.4 | 233.4 | 233.1 |
| 145° | 183.6 | 192.6 | 200.7 | 207.7 | 213.6 | 215.9 | 216.4 |
| 147.5° | 178.0 | 185.2 | 191.0 | 196.3 | 200.3 | 202.4 | 202.6 |
| 150° | 174.4 | 180.3 | 185.6 | 189.8 | 192.9 | 194.6 | 194.6 |
| 152.5° | 171.0 | 176.3 | 180.7 | 183.9 | 186.8 | 187.8 | 187.8 |
| 155° | 166.3 | 170.5 | 173.8 | 176.3 | 178.6 | 179.2 | 179.4 |
| 157.5° | 161.6 | 164.9 | 167.5 | 169.7 | 171.3 | 171.8 | 171.7 |
| 160° | 158.8 | 161.5 | 163.5 | 165.4 | 167.2 | 167.2 | 166.8 |
| 162.5° | 155.6 | 158.2 | 159.9 | 161.2 | 162.6 | 162.6 | 162.4 |
| 165° | 151.1 | 153.1 | 154.6 | 155.7 | 156.8 | 156.5 | 156.5 |
| 167.5° | 147.7 | 148.9 | 149.9 | 150.4 | 151.1 | 150.9 | 150.9 |
| 170° | 145.3 | 146.4 | 146.9 | 147.3 | 147.8 | 147.5 | 147.5 |
| 172.5° | 143.3 | 144.2 | 144.5 | 144.6 | 145.1 | 144.7 | 144.4 |
| 175° | 140.5 | 141.1 | 141.1 | 141.1 | 141.4 | 141.1 | 140.9 |
| 177.5° | 138.9 | 139.2 | 139.2 | 138.9 | 139.2 | 138.7 | 138.7 |
| 180° | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 | 138.3 |

(END OF REPORT)