

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: P331928-935

Luminaire Tested: **S123DIP-S560D805U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331928-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123DIP-S560D805U935-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 805 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4819.8 lumens  
Efficiency: N/A  
Efficacy: 125.5 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: General Diffuse

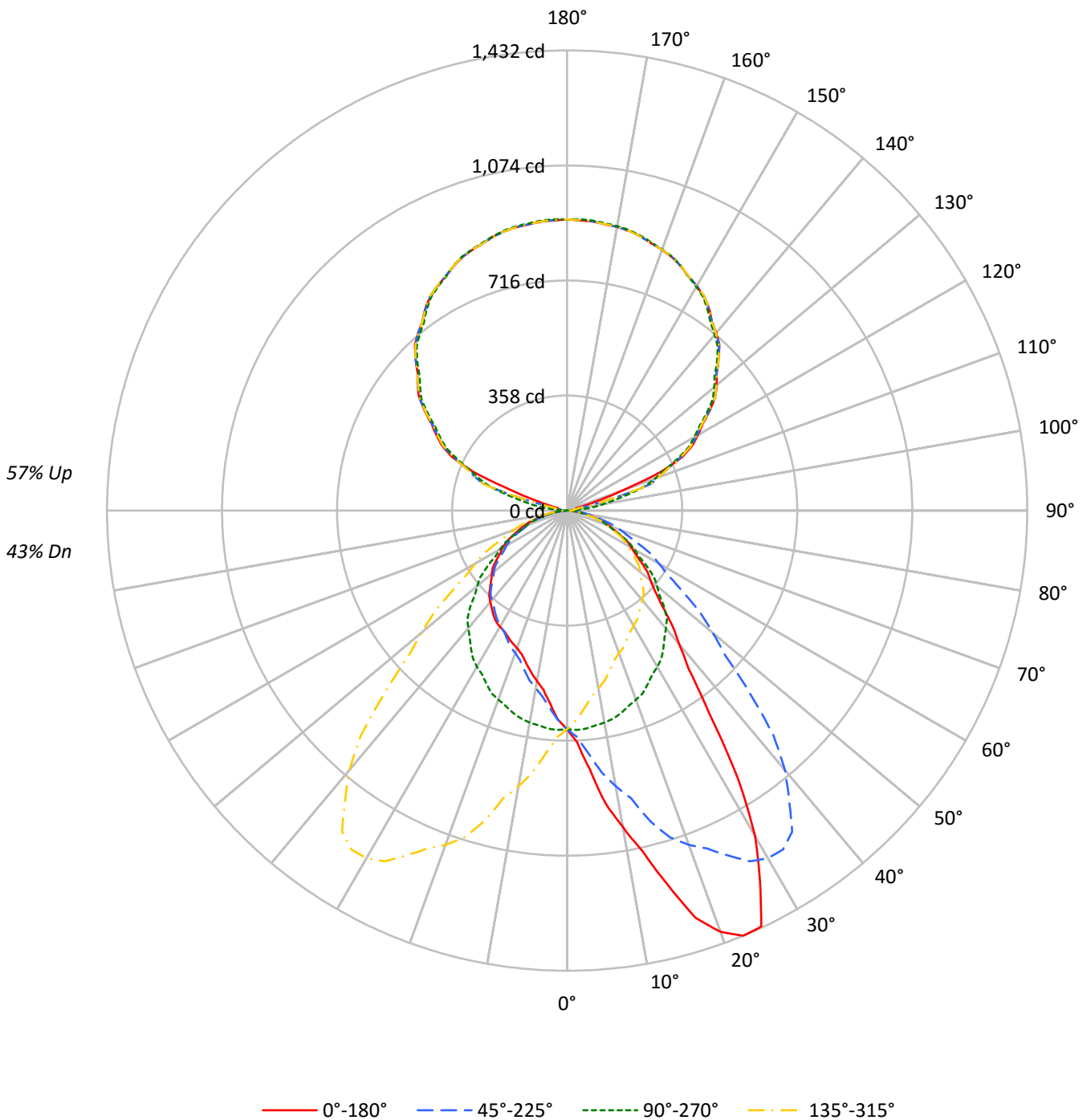
Input Watts (W): 38.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P331928-935

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|----|--|--|--|--|--|--|--|--|----|---|
| RF  | 20  |     |     |     |    |    |    |    |    | 20 |    |    |    |    |    |    |    |    | 20 |    |    |    |    |   |  |  |  | 20 |  |  |  |  |  |  |  |  |    |   |
| RC  | 80  |     |     |     |    |    |    |    |    | 70 |    |    |    |    |    |    |    |    | 50 |    |    |    |    |   |  |  |  | 30 |  |  |  |  |  |  |  |  | 10 | 0 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 0   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 64 | 64 | 64 | 49 | 49 | 49 | 43 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 1   | 96  | 92  | 88  | 85  | 88 | 84 | 81 | 78 | 70 | 68 | 65 | 56 | 55 | 53 | 44 | 43 | 42 | 36 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 2   | 88  | 81  | 75  | 70  | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 50 | 47 | 45 | 39 | 37 | 36 | 31 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 3   | 80  | 71  | 64  | 58  | 73 | 65 | 59 | 54 | 54 | 50 | 46 | 44 | 41 | 38 | 35 | 33 | 31 | 26 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 4   | 74  | 63  | 55  | 49  | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 36 | 33 | 31 | 29 | 27 | 23 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 5   | 67  | 56  | 48  | 42  | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 32 | 29 | 28 | 25 | 23 | 20 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 6   | 62  | 50  | 42  | 37  | 57 | 46 | 39 | 34 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 23 | 20 | 17 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 7   | 57  | 45  | 38  | 32  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 16 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 8   | 53  | 41  | 34  | 28  | 49 | 38 | 31 | 27 | 32 | 27 | 23 | 27 | 23 | 20 | 21 | 18 | 16 | 14 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 9   | 50  | 38  | 30  | 25  | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 24 | 21 | 18 | 20 | 17 | 15 | 13 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |
| 10  | 46  | 34  | 27  | 23  | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 23 | 19 | 16 | 18 | 15 | 13 | 11 |    |    |    |    |    |   |  |  |  |    |  |  |  |  |  |  |  |  |    |   |

**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 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 67.0   | 1.4       |
| 10°-20°   | 215.0  | 4.5       |
| 20°-30°   | 360.8  | 7.5       |
| 30°-40°   | 408.6  | 8.5       |
| 40°-50°   | 366.4  | 7.6       |
| 50°-60°   | 295.7  | 6.1       |
| 60°-70°   | 206.0  | 4.3       |
| 70°-80°   | 108.3  | 2.2       |
| 80°-90°   | 29.0   | 0.6       |
| 90°-100°  | 32.9   | 0.7       |
| 100°-110° | 157.0  | 3.3       |
| 110°-120° | 377.1  | 7.8       |
| 120°-130° | 480.2  | 10.0      |
| 130°-140° | 513.1  | 10.6      |
| 140°-150° | 479.8  | 10.0      |
| 150°-160° | 387.0  | 8.0       |
| 160°-170° | 249.8  | 5.2       |
| 170°-180° | 86.1   | 1.8       |
| 0°-30°    | 642.9  | 13.3      |
| 0°-40°    | 1051.4 | 21.8      |
| 0°-60°    | 1713.5 | 35.6      |
| 0°-90°    | 2056.8 | 42.7      |
| 90°-120°  | 567.0  | 11.8      |
| 90°-150°  | 2040.1 | 42.3      |
| 90°-180°  | 2763.0 | 57.3      |
| 0°-180°   | 4819.8 | 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°  | 20   | 1   | 20   | 1    | 20   | 10   |
| 95°  | 26   | 41  | 26   | 41   | 26   | 21   |
| 105° | 30   | 201 | 30   | 201  | 30   | 68   |
| 115° | 396  | 376 | 396  | 376  | 396  | 366  |
| 125° | 541  | 530 | 541  | 530  | 541  | 483  |
| 135° | 667  | 660 | 667  | 660  | 667  | 514  |
| 145° | 769  | 762 | 769  | 762  | 769  | 480  |
| 155° | 838  | 839 | 838  | 839  | 838  | 386  |
| 165° | 883  | 885 | 883  | 885  | 883  | 249  |
| 175° | 903  | 906 | 903  | 906  | 903  | 86   |
| 180° | 906  | 906 | 906  | 906  | 906  |      |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 12.0   | 11.4   | 11.5   | 11.8   | 11.5   | 11.6   | 11.8   | 11.9   | 12.1   | 12.2   | 12.1   |
| 90°    | 20.2   | 19.9   | 19.6   | 19.3   | 19.0   | 18.5   | 17.9   | 17.4   | 16.8   | 16.2   | 14.2   |
| 92.5°  | 22.4   | 22.1   | 22.0   | 21.8   | 21.6   | 21.1   | 20.1   | 19.1   | 18.2   | 17.2   | 15.8   |
| 95°    | 25.6   | 25.6   | 25.6   | 25.6   | 25.6   | 25.1   | 24.0   | 23.0   | 22.0   | 20.8   | 19.2   |
| 97.5°  | 27.7   | 27.6   | 27.5   | 27.3   | 27.1   | 26.4   | 25.2   | 24.1   | 22.9   | 21.7   | 32.5   |
| 100°   | 28.2   | 28.2   | 28.0   | 27.8   | 27.6   | 27.0   | 25.8   | 24.6   | 23.4   | 22.2   | 45.5   |
| 102.5° | 28.8   | 28.5   | 28.2   | 28.0   | 27.7   | 29.4   | 33.1   | 36.9   | 40.6   | 44.3   | 69.7   |
| 105°   | 29.6   | 29.4   | 29.0   | 28.8   | 28.4   | 41.5   | 68.0   | 94.5   | 121.0  | 147.4  | 160.8  |
| 107.5° | 93.0   | 113.0  | 132.9  | 152.9  | 172.8  | 192.5  | 212.0  | 231.4  | 250.8  | 270.2  | 268.0  |
| 110°   | 185.1  | 206.5  | 227.9  | 249.3  | 270.7  | 283.9  | 288.8  | 293.7  | 298.7  | 303.6  | 302.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 317.6 | 322.1 | 326.6 | 331.1 | 335.6 | 337.9 | 337.8 | 337.7 | 337.6 | 337.5 | 335.9 |
| 115°   | 395.8 | 395.2 | 394.6 | 394.0 | 393.4 | 392.4 | 390.9 | 389.3 | 387.9 | 386.4 | 385.0 |
| 117.5° | 439.7 | 439.5 | 439.5 | 439.4 | 439.2 | 438.5 | 437.4 | 436.2 | 435.0 | 433.8 | 433.1 |
| 120°   | 469.8 | 469.8 | 469.8 | 469.8 | 469.8 | 469.2 | 468.0 | 466.8 | 465.6 | 464.4 | 464.0 |
| 122.5° | 499.5 | 499.4 | 499.2 | 499.1 | 498.9 | 498.5 | 497.7 | 496.8 | 496.0 | 495.2 | 494.6 |
| 125°   | 541.2 | 540.9 | 540.6 | 540.3 | 540.0 | 539.7 | 539.4 | 539.1 | 538.8 | 538.5 | 537.9 |
| 127.5° | 581.3 | 581.6 | 581.9 | 582.2 | 582.5 | 582.4 | 581.9 | 581.4 | 581.0 | 580.5 | 579.8 |
| 130°   | 607.2 | 607.4 | 607.8 | 608.0 | 608.4 | 608.2 | 607.6 | 607.0 | 606.4 | 605.8 | 605.2 |
| 132.5° | 630.9 | 631.3 | 631.7 | 632.1 | 632.5 | 632.4 | 631.8 | 631.2 | 630.7 | 630.1 | 629.6 |
| 135°   | 667.1 | 667.5 | 668.0 | 668.4 | 668.8 | 668.8 | 668.4 | 668.0 | 667.5 | 667.1 | 666.5 |
| 137.5° | 701.1 | 701.5 | 701.7 | 702.1 | 702.3 | 702.1 | 701.4 | 700.7 | 700.0 | 699.2 | 698.9 |
| 140°   | 721.6 | 721.9 | 722.2 | 722.5 | 722.8 | 722.6 | 722.0 | 721.4 | 720.8 | 720.2 | 719.8 |
| 142.5° | 740.5 | 740.9 | 741.2 | 741.7 | 742.1 | 742.1 | 741.6 | 741.1 | 740.6 | 740.2 | 739.7 |
| 145°   | 769.4 | 769.4 | 769.4 | 769.4 | 769.4 | 769.2 | 769.0 | 768.6 | 768.4 | 768.0 | 767.8 |
| 147.5° | 790.9 | 791.6 | 792.3 | 793.0 | 793.7 | 793.8 | 793.6 | 793.2 | 793.0 | 792.6 | 792.4 |
| 150°   | 807.1 | 807.5 | 808.0 | 808.4 | 808.9 | 808.9 | 808.7 | 808.3 | 808.0 | 807.8 | 807.4 |
| 152.5° | 820.0 | 820.7 | 821.4 | 822.1 | 822.8 | 822.9 | 822.3 | 821.7 | 821.2 | 820.7 | 820.5 |
| 155°   | 838.0 | 839.0 | 839.8 | 840.8 | 841.6 | 841.7 | 840.9 | 840.2 | 839.5 | 838.7 | 838.5 |
| 157.5° | 853.3 | 854.5 | 855.6 | 856.8 | 857.9 | 858.1 | 857.1 | 856.3 | 855.4 | 854.5 | 854.6 |
| 160°   | 863.0 | 864.0 | 865.0 | 866.1 | 867.1 | 867.2 | 866.3 | 865.4 | 864.5 | 863.6 | 863.8 |
| 162.5° | 872.1 | 873.1 | 873.9 | 874.9 | 875.8 | 875.7 | 874.8 | 873.7 | 872.7 | 871.7 | 871.8 |
| 165°   | 883.1 | 884.2 | 885.2 | 886.3 | 887.3 | 887.3 | 886.1 | 884.8 | 883.6 | 882.4 | 882.6 |
| 167.5° | 891.0 | 892.3 | 893.5 | 894.7 | 895.9 | 895.9 | 894.7 | 893.5 | 892.3 | 891.0 | 891.0 |
| 170°   | 896.0 | 897.2 | 898.3 | 899.5 | 900.7 | 900.7 | 899.5 | 898.3 | 897.2 | 896.0 | 896.0 |
| 172.5° | 898.6 | 899.9 | 901.3 | 902.6 | 903.9 | 904.0 | 902.8 | 901.6 | 900.3 | 899.1 | 899.1 |
| 175°   | 902.7 | 903.9 | 905.1 | 906.3 | 907.4 | 907.5 | 906.5 | 905.4 | 904.4 | 903.4 | 903.2 |
| 177.5° | 903.9 | 905.1 | 906.3 | 907.5 | 908.7 | 908.8 | 907.8 | 906.9 | 905.9 | 904.9 | 904.8 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 12.2   | 12.1  | 10.9  | 9.5   | 8.7   | 7.6   | 7.3   | 6.5   | 6.2   | 6.5   | 6.5   |
| 90°    | 12.2   | 10.3  | 8.4   | 6.6   | 5.2   | 3.7   | 2.2   | 0.7   | 2.2   | 3.7   | 5.2   |
| 92.5°  | 14.3   | 12.8  | 11.4  | 10.8  | 11.3  | 11.7  | 12.1  | 12.5  | 12.1  | 11.7  | 11.3  |
| 95°    | 17.6   | 15.9  | 14.3  | 16.5  | 22.6  | 28.8  | 35.0  | 41.1  | 35.0  | 28.8  | 22.6  |
| 97.5°  | 43.2   | 54.0  | 64.7  | 71.5  | 74.3  | 77.1  | 79.8  | 82.5  | 79.8  | 77.1  | 74.3  |
| 100°   | 68.9   | 92.2  | 115.5 | 125.7 | 122.7 | 119.8 | 116.8 | 113.7 | 116.8 | 119.8 | 122.7 |
| 102.5° | 95.2   | 120.8 | 146.3 | 157.9 | 155.8 | 153.6 | 151.4 | 149.3 | 151.4 | 153.6 | 155.8 |
| 105°   | 174.4  | 187.8 | 201.3 | 207.2 | 205.5 | 203.9 | 202.2 | 200.6 | 202.2 | 203.9 | 205.5 |
| 107.5° | 266.0  | 263.8 | 261.7 | 259.9 | 258.6 | 257.4 | 256.1 | 254.7 | 256.1 | 257.4 | 258.6 |
| 110°   | 300.3  | 298.7 | 297.0 | 295.6 | 294.4 | 293.2 | 292.0 | 290.8 | 292.0 | 293.2 | 294.4 |





TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 334.2 | 332.6 | 330.9 | 329.6 | 328.5 | 327.4 | 326.3 | 325.3 | 326.3 | 327.4 | 328.5 |
| 115°   | 383.7 | 382.4 | 381.0 | 379.9 | 379.0 | 378.1 | 377.2 | 376.3 | 377.2 | 378.1 | 379.0 |
| 117.5° | 432.4 | 431.7 | 431.0 | 430.1 | 429.0 | 427.9 | 426.8 | 425.7 | 426.8 | 427.9 | 429.0 |
| 120°   | 463.6 | 463.1 | 462.7 | 461.8 | 460.4 | 459.1 | 457.7 | 456.4 | 457.7 | 459.1 | 460.4 |
| 122.5° | 494.0 | 493.4 | 492.8 | 492.1 | 490.9 | 489.8 | 488.7 | 487.6 | 488.7 | 489.8 | 490.9 |
| 125°   | 537.3 | 536.7 | 536.1 | 535.2 | 534.0 | 532.8 | 531.6 | 530.5 | 531.6 | 532.8 | 534.0 |
| 127.5° | 579.1 | 578.3 | 577.6 | 576.7 | 575.5 | 574.3 | 573.1 | 571.9 | 573.1 | 574.3 | 575.5 |
| 130°   | 604.6 | 604.0 | 603.4 | 602.5 | 601.3 | 600.1 | 598.9 | 597.7 | 598.9 | 600.1 | 601.3 |
| 132.5° | 629.0 | 628.6 | 628.1 | 627.3 | 626.1 | 624.9 | 623.7 | 622.5 | 623.7 | 624.9 | 626.1 |
| 135°   | 665.9 | 665.3 | 664.7 | 663.9 | 663.1 | 662.1 | 661.2 | 660.3 | 661.2 | 662.1 | 663.1 |
| 137.5° | 698.6 | 698.3 | 697.9 | 697.2 | 696.0 | 694.9 | 693.8 | 692.7 | 693.8 | 694.9 | 696.0 |
| 140°   | 719.4 | 718.9 | 718.4 | 717.8 | 716.9 | 716.0 | 715.1 | 714.2 | 715.1 | 716.0 | 716.9 |
| 142.5° | 739.3 | 738.8 | 738.4 | 737.7 | 736.8 | 735.9 | 735.0 | 734.1 | 735.0 | 735.9 | 736.8 |
| 145°   | 767.4 | 767.2 | 766.8 | 766.2 | 765.1 | 764.1 | 763.0 | 762.0 | 763.0 | 764.1 | 765.1 |
| 147.5° | 792.0 | 791.8 | 791.5 | 791.0 | 790.3 | 789.6 | 788.9 | 788.2 | 788.9 | 789.6 | 790.3 |
| 150°   | 807.2 | 806.8 | 806.6 | 806.2 | 805.7 | 805.3 | 804.9 | 804.3 | 804.9 | 805.3 | 805.7 |
| 152.5° | 820.3 | 820.1 | 819.9 | 819.8 | 819.6 | 819.3 | 819.2 | 818.9 | 819.2 | 819.3 | 819.6 |
| 155°   | 838.4 | 838.3 | 838.1 | 838.2 | 838.5 | 838.8 | 839.1 | 839.4 | 839.1 | 838.8 | 838.5 |
| 157.5° | 854.8 | 854.9 | 855.1 | 855.1 | 855.1 | 855.2 | 855.2 | 855.2 | 855.2 | 855.2 | 855.1 |
| 160°   | 863.9 | 864.1 | 864.2 | 864.4 | 864.5 | 864.7 | 864.8 | 865.0 | 864.8 | 864.7 | 864.5 |
| 162.5° | 872.0 | 872.1 | 872.3 | 872.5 | 873.0 | 873.3 | 873.7 | 874.1 | 873.7 | 873.3 | 873.0 |
| 165°   | 882.8 | 883.0 | 883.0 | 883.4 | 883.8 | 884.2 | 884.7 | 885.2 | 884.7 | 884.2 | 883.8 |
| 167.5° | 891.0 | 891.0 | 891.0 | 891.4 | 892.0 | 892.6 | 893.2 | 893.8 | 893.2 | 892.6 | 892.0 |
| 170°   | 896.0 | 896.0 | 896.0 | 896.2 | 896.8 | 897.4 | 898.0 | 898.6 | 898.0 | 897.4 | 896.8 |
| 172.5° | 898.9 | 898.8 | 898.7 | 899.0 | 899.7 | 900.4 | 901.1 | 901.8 | 901.1 | 900.4 | 899.7 |
| 175°   | 903.0 | 902.8 | 902.8 | 903.0 | 903.8 | 904.6 | 905.3 | 906.0 | 905.3 | 904.6 | 903.8 |
| 177.5° | 904.7 | 904.6 | 904.5 | 904.7 | 905.3 | 905.9 | 906.5 | 907.1 | 906.5 | 905.9 | 905.3 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 6.6   | 7.2   | 7.3   | 8.0   | 8.1   | 8.8   | 8.9   | 8.5   | 8.6   | 9.5   | 8.5   |
| 90°    | 6.6   | 8.4   | 10.3  | 12.2  | 14.2  | 16.2  | 16.8  | 17.4  | 17.9  | 18.5  | 19.0  |
| 92.5°  | 10.8  | 11.4  | 12.8  | 14.3  | 15.8  | 17.2  | 18.2  | 19.1  | 20.1  | 21.1  | 21.6  |
| 95°    | 16.5  | 14.3  | 15.9  | 17.6  | 19.2  | 20.8  | 22.0  | 23.0  | 24.0  | 25.1  | 25.6  |
| 97.5°  | 71.5  | 64.7  | 54.0  | 43.2  | 32.5  | 21.7  | 22.9  | 24.1  | 25.2  | 26.4  | 27.1  |
| 100°   | 125.7 | 115.5 | 92.2  | 68.9  | 45.5  | 22.2  | 23.4  | 24.6  | 25.8  | 27.0  | 27.6  |
| 102.5° | 157.9 | 146.3 | 120.8 | 95.2  | 69.7  | 44.3  | 40.6  | 36.9  | 33.1  | 29.4  | 27.7  |
| 105°   | 207.2 | 201.3 | 187.8 | 174.4 | 160.8 | 147.4 | 121.0 | 94.5  | 68.0  | 41.5  | 28.4  |
| 107.5° | 259.9 | 261.7 | 263.8 | 266.0 | 268.0 | 270.2 | 250.8 | 231.4 | 212.0 | 192.5 | 172.8 |
| 110°   | 295.6 | 297.0 | 298.7 | 300.3 | 302.0 | 303.6 | 298.7 | 293.7 | 288.8 | 283.9 | 270.7 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 329.6 | 330.9 | 332.6 | 334.2 | 335.9 | 337.5 | 337.6 | 337.7 | 337.8 | 337.9 | 335.6 |
| 115°   | 379.9 | 381.0 | 382.4 | 383.7 | 385.0 | 386.4 | 387.9 | 389.3 | 390.9 | 392.4 | 393.4 |
| 117.5° | 430.1 | 431.0 | 431.7 | 432.4 | 433.1 | 433.8 | 435.0 | 436.2 | 437.4 | 438.5 | 439.2 |
| 120°   | 461.8 | 462.7 | 463.1 | 463.6 | 464.0 | 464.4 | 465.6 | 466.8 | 468.0 | 469.2 | 469.8 |
| 122.5° | 492.1 | 492.8 | 493.4 | 494.0 | 494.6 | 495.2 | 496.0 | 496.8 | 497.7 | 498.5 | 498.9 |
| 125°   | 535.2 | 536.1 | 536.7 | 537.3 | 537.9 | 538.5 | 538.8 | 539.1 | 539.4 | 539.7 | 540.0 |
| 127.5° | 576.7 | 577.6 | 578.3 | 579.1 | 579.8 | 580.5 | 581.0 | 581.4 | 581.9 | 582.4 | 582.5 |
| 130°   | 602.5 | 603.4 | 604.0 | 604.6 | 605.2 | 605.8 | 606.4 | 607.0 | 607.6 | 608.2 | 608.4 |
| 132.5° | 627.3 | 628.1 | 628.6 | 629.0 | 629.6 | 630.1 | 630.7 | 631.2 | 631.8 | 632.4 | 632.5 |
| 135°   | 663.9 | 664.7 | 665.3 | 665.9 | 666.5 | 667.1 | 667.5 | 668.0 | 668.4 | 668.8 | 668.8 |
| 137.5° | 697.2 | 697.9 | 698.3 | 698.6 | 698.9 | 699.2 | 700.0 | 700.7 | 701.4 | 702.1 | 702.3 |
| 140°   | 717.8 | 718.4 | 718.9 | 719.4 | 719.8 | 720.2 | 720.8 | 721.4 | 722.0 | 722.6 | 722.8 |
| 142.5° | 737.7 | 738.4 | 738.8 | 739.3 | 739.7 | 740.2 | 740.6 | 741.1 | 741.6 | 742.1 | 742.1 |
| 145°   | 766.2 | 766.8 | 767.2 | 767.4 | 767.8 | 768.0 | 768.4 | 768.6 | 769.0 | 769.2 | 769.4 |
| 147.5° | 791.0 | 791.5 | 791.8 | 792.0 | 792.4 | 792.6 | 793.0 | 793.2 | 793.6 | 793.8 | 793.7 |
| 150°   | 806.2 | 806.6 | 806.8 | 807.2 | 807.4 | 807.8 | 808.0 | 808.3 | 808.7 | 808.9 | 808.9 |
| 152.5° | 819.8 | 819.9 | 820.1 | 820.3 | 820.5 | 820.7 | 821.2 | 821.7 | 822.3 | 822.9 | 822.8 |
| 155°   | 838.2 | 838.1 | 838.3 | 838.4 | 838.5 | 838.7 | 839.5 | 840.2 | 840.9 | 841.7 | 841.6 |
| 157.5° | 855.1 | 855.1 | 854.9 | 854.8 | 854.6 | 854.5 | 855.4 | 856.3 | 857.1 | 858.1 | 857.9 |
| 160°   | 864.4 | 864.2 | 864.1 | 863.9 | 863.8 | 863.6 | 864.5 | 865.4 | 866.3 | 867.2 | 867.1 |
| 162.5° | 872.5 | 872.3 | 872.1 | 872.0 | 871.8 | 871.7 | 872.7 | 873.7 | 874.8 | 875.7 | 875.8 |
| 165°   | 883.4 | 883.0 | 883.0 | 882.8 | 882.6 | 882.4 | 883.6 | 884.8 | 886.1 | 887.3 | 887.3 |
| 167.5° | 891.4 | 891.0 | 891.0 | 891.0 | 891.0 | 891.0 | 892.3 | 893.5 | 894.7 | 895.9 | 895.9 |
| 170°   | 896.2 | 896.0 | 896.0 | 896.0 | 896.0 | 896.0 | 897.2 | 898.3 | 899.5 | 900.7 | 900.7 |
| 172.5° | 899.0 | 898.7 | 898.8 | 898.9 | 899.1 | 899.1 | 900.3 | 901.6 | 902.8 | 904.0 | 903.9 |
| 175°   | 903.0 | 902.8 | 902.8 | 903.0 | 903.2 | 903.4 | 904.4 | 905.4 | 906.5 | 907.5 | 907.4 |
| 177.5° | 904.7 | 904.5 | 904.6 | 904.7 | 904.8 | 904.9 | 905.9 | 906.9 | 907.8 | 908.8 | 908.7 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 8.6   | 8.7   | 8.4   | 8.3   | 8.4   | 8.7   | 8.6   | 8.5   | 9.5   | 8.6   | 8.5   |
| 90°    | 19.3  | 19.6  | 19.9  | 20.2  | 19.9  | 19.6  | 19.3  | 19.0  | 18.5  | 17.9  | 17.4  |
| 92.5°  | 21.8  | 22.0  | 22.1  | 22.4  | 22.1  | 22.0  | 21.8  | 21.6  | 21.1  | 20.1  | 19.1  |
| 95°    | 25.6  | 25.6  | 25.6  | 25.6  | 25.6  | 25.6  | 25.6  | 25.6  | 25.1  | 24.0  | 23.0  |
| 97.5°  | 27.3  | 27.5  | 27.6  | 27.7  | 27.6  | 27.5  | 27.3  | 27.1  | 26.4  | 25.2  | 24.1  |
| 100°   | 27.8  | 28.0  | 28.2  | 28.2  | 28.2  | 28.0  | 27.8  | 27.6  | 27.0  | 25.8  | 24.6  |
| 102.5° | 28.0  | 28.2  | 28.5  | 28.8  | 28.5  | 28.2  | 28.0  | 27.7  | 29.4  | 33.1  | 36.9  |
| 105°   | 28.8  | 29.0  | 29.4  | 29.6  | 29.4  | 29.0  | 28.8  | 28.4  | 41.5  | 68.0  | 94.5  |
| 107.5° | 152.9 | 132.9 | 113.0 | 93.0  | 113.0 | 132.9 | 152.9 | 172.8 | 192.5 | 212.0 | 231.4 |
| 110°   | 249.3 | 227.9 | 206.5 | 185.1 | 206.5 | 227.9 | 249.3 | 270.7 | 283.9 | 288.8 | 293.7 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 331.1 | 326.6 | 322.1 | 317.6 | 322.1 | 326.6 | 331.1 | 335.6 | 337.9 | 337.8 | 337.7 |
| 115°   | 394.0 | 394.6 | 395.2 | 395.8 | 395.2 | 394.6 | 394.0 | 393.4 | 392.4 | 390.9 | 389.3 |
| 117.5° | 439.4 | 439.5 | 439.5 | 439.7 | 439.5 | 439.5 | 439.4 | 439.2 | 438.5 | 437.4 | 436.2 |
| 120°   | 469.8 | 469.8 | 469.8 | 469.8 | 469.8 | 469.8 | 469.8 | 469.8 | 469.2 | 468.0 | 466.8 |
| 122.5° | 499.1 | 499.2 | 499.4 | 499.5 | 499.4 | 499.2 | 499.1 | 498.9 | 498.5 | 497.7 | 496.8 |
| 125°   | 540.3 | 540.6 | 540.9 | 541.2 | 540.9 | 540.6 | 540.3 | 540.0 | 539.7 | 539.4 | 539.1 |
| 127.5° | 582.2 | 581.9 | 581.6 | 581.3 | 581.6 | 581.9 | 582.2 | 582.5 | 582.4 | 581.9 | 581.4 |
| 130°   | 608.0 | 607.8 | 607.4 | 607.2 | 607.4 | 607.8 | 608.0 | 608.4 | 608.2 | 607.6 | 607.0 |
| 132.5° | 632.1 | 631.7 | 631.3 | 630.9 | 631.3 | 631.7 | 632.1 | 632.5 | 632.4 | 631.8 | 631.2 |
| 135°   | 668.4 | 668.0 | 667.5 | 667.1 | 667.5 | 668.0 | 668.4 | 668.8 | 668.8 | 668.4 | 668.0 |
| 137.5° | 702.1 | 701.7 | 701.5 | 701.1 | 701.5 | 701.7 | 702.1 | 702.3 | 702.1 | 701.4 | 700.7 |
| 140°   | 722.5 | 722.2 | 721.9 | 721.6 | 721.9 | 722.2 | 722.5 | 722.8 | 722.6 | 722.0 | 721.4 |
| 142.5° | 741.7 | 741.2 | 740.9 | 740.5 | 740.9 | 741.2 | 741.7 | 742.1 | 742.1 | 741.6 | 741.1 |
| 145°   | 769.4 | 769.4 | 769.4 | 769.4 | 769.4 | 769.4 | 769.4 | 769.4 | 769.2 | 769.0 | 768.6 |
| 147.5° | 793.0 | 792.3 | 791.6 | 790.9 | 791.6 | 792.3 | 793.0 | 793.7 | 793.8 | 793.6 | 793.2 |
| 150°   | 808.4 | 808.0 | 807.5 | 807.1 | 807.5 | 808.0 | 808.4 | 808.9 | 808.9 | 808.7 | 808.3 |
| 152.5° | 822.1 | 821.4 | 820.7 | 820.0 | 820.7 | 821.4 | 822.1 | 822.8 | 822.9 | 822.3 | 821.7 |
| 155°   | 840.8 | 839.8 | 839.0 | 838.0 | 839.0 | 839.8 | 840.8 | 841.6 | 841.7 | 840.9 | 840.2 |
| 157.5° | 856.8 | 855.6 | 854.5 | 853.3 | 854.5 | 855.6 | 856.8 | 857.9 | 858.1 | 857.1 | 856.3 |
| 160°   | 866.1 | 865.0 | 864.0 | 863.0 | 864.0 | 865.0 | 866.1 | 867.1 | 867.2 | 866.3 | 865.4 |
| 162.5° | 874.9 | 873.9 | 873.1 | 872.1 | 873.1 | 873.9 | 874.9 | 875.8 | 875.7 | 874.8 | 873.7 |
| 165°   | 886.3 | 885.2 | 884.2 | 883.1 | 884.2 | 885.2 | 886.3 | 887.3 | 887.3 | 886.1 | 884.8 |
| 167.5° | 894.7 | 893.5 | 892.3 | 891.0 | 892.3 | 893.5 | 894.7 | 895.9 | 895.9 | 894.7 | 893.5 |
| 170°   | 899.5 | 898.3 | 897.2 | 896.0 | 897.2 | 898.3 | 899.5 | 900.7 | 900.7 | 899.5 | 898.3 |
| 172.5° | 902.6 | 901.3 | 899.9 | 898.6 | 899.9 | 901.3 | 902.6 | 903.9 | 904.0 | 902.8 | 901.6 |
| 175°   | 906.3 | 905.1 | 903.9 | 902.7 | 903.9 | 905.1 | 906.3 | 907.4 | 907.5 | 906.5 | 905.4 |
| 177.5° | 907.5 | 906.3 | 905.1 | 903.9 | 905.1 | 906.3 | 907.5 | 908.7 | 908.8 | 907.8 | 906.9 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 8.9   | 8.8   | 8.1   | 8.0   | 7.3   | 7.2   | 6.6   | 6.5   | 6.5   | 6.2   | 6.5   |
| 90°    | 16.8  | 16.2  | 14.2  | 12.2  | 10.3  | 8.4   | 6.6   | 5.2   | 3.7   | 2.2   | 0.7   |
| 92.5°  | 18.2  | 17.2  | 15.8  | 14.3  | 12.8  | 11.4  | 10.8  | 11.3  | 11.7  | 12.1  | 12.5  |
| 95°    | 22.0  | 20.8  | 19.2  | 17.6  | 15.9  | 14.3  | 16.5  | 22.6  | 28.8  | 35.0  | 41.1  |
| 97.5°  | 22.9  | 21.7  | 32.5  | 43.2  | 54.0  | 64.7  | 71.5  | 74.3  | 77.1  | 79.8  | 82.5  |
| 100°   | 23.4  | 22.2  | 45.5  | 68.9  | 92.2  | 115.5 | 125.7 | 122.7 | 119.8 | 116.8 | 113.7 |
| 102.5° | 40.6  | 44.3  | 69.7  | 95.2  | 120.8 | 146.3 | 157.9 | 155.8 | 153.6 | 151.4 | 149.3 |
| 105°   | 121.0 | 147.4 | 160.8 | 174.4 | 187.8 | 201.3 | 207.2 | 205.5 | 203.9 | 202.2 | 200.6 |
| 107.5° | 250.8 | 270.2 | 268.0 | 266.0 | 263.8 | 261.7 | 259.9 | 258.6 | 257.4 | 256.1 | 254.7 |
| 110°   | 298.7 | 303.6 | 302.0 | 300.3 | 298.7 | 297.0 | 295.6 | 294.4 | 293.2 | 292.0 | 290.8 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 337.6 | 337.5 | 335.9 | 334.2 | 332.6 | 330.9 | 329.6 | 328.5 | 327.4 | 326.3 | 325.3 |
| 115°   | 387.9 | 386.4 | 385.0 | 383.7 | 382.4 | 381.0 | 379.9 | 379.0 | 378.1 | 377.2 | 376.3 |
| 117.5° | 435.0 | 433.8 | 433.1 | 432.4 | 431.7 | 431.0 | 430.1 | 429.0 | 427.9 | 426.8 | 425.7 |
| 120°   | 465.6 | 464.4 | 464.0 | 463.6 | 463.1 | 462.7 | 461.8 | 460.4 | 459.1 | 457.7 | 456.4 |
| 122.5° | 496.0 | 495.2 | 494.6 | 494.0 | 493.4 | 492.8 | 492.1 | 490.9 | 489.8 | 488.7 | 487.6 |
| 125°   | 538.8 | 538.5 | 537.9 | 537.3 | 536.7 | 536.1 | 535.2 | 534.0 | 532.8 | 531.6 | 530.5 |
| 127.5° | 581.0 | 580.5 | 579.8 | 579.1 | 578.3 | 577.6 | 576.7 | 575.5 | 574.3 | 573.1 | 571.9 |
| 130°   | 606.4 | 605.8 | 605.2 | 604.6 | 604.0 | 603.4 | 602.5 | 601.3 | 600.1 | 598.9 | 597.7 |
| 132.5° | 630.7 | 630.1 | 629.6 | 629.0 | 628.6 | 628.1 | 627.3 | 626.1 | 624.9 | 623.7 | 622.5 |
| 135°   | 667.5 | 667.1 | 666.5 | 665.9 | 665.3 | 664.7 | 663.9 | 663.1 | 662.1 | 661.2 | 660.3 |
| 137.5° | 700.0 | 699.2 | 698.9 | 698.6 | 698.3 | 697.9 | 697.2 | 696.0 | 694.9 | 693.8 | 692.7 |
| 140°   | 720.8 | 720.2 | 719.8 | 719.4 | 718.9 | 718.4 | 717.8 | 716.9 | 716.0 | 715.1 | 714.2 |
| 142.5° | 740.6 | 740.2 | 739.7 | 739.3 | 738.8 | 738.4 | 737.7 | 736.8 | 735.9 | 735.0 | 734.1 |
| 145°   | 768.4 | 768.0 | 767.8 | 767.4 | 767.2 | 766.8 | 766.2 | 765.1 | 764.1 | 763.0 | 762.0 |
| 147.5° | 793.0 | 792.6 | 792.4 | 792.0 | 791.8 | 791.5 | 791.0 | 790.3 | 789.6 | 788.9 | 788.2 |
| 150°   | 808.0 | 807.8 | 807.4 | 807.2 | 806.8 | 806.6 | 806.2 | 805.7 | 805.3 | 804.9 | 804.3 |
| 152.5° | 821.2 | 820.7 | 820.5 | 820.3 | 820.1 | 819.9 | 819.8 | 819.6 | 819.3 | 819.2 | 818.9 |
| 155°   | 839.5 | 838.7 | 838.5 | 838.4 | 838.3 | 838.1 | 838.2 | 838.5 | 838.8 | 839.1 | 839.4 |
| 157.5° | 855.4 | 854.5 | 854.6 | 854.8 | 854.9 | 855.1 | 855.1 | 855.1 | 855.2 | 855.2 | 855.2 |
| 160°   | 864.5 | 863.6 | 863.8 | 863.9 | 864.1 | 864.2 | 864.4 | 864.5 | 864.7 | 864.8 | 865.0 |
| 162.5° | 872.7 | 871.7 | 871.8 | 872.0 | 872.1 | 872.3 | 872.5 | 873.0 | 873.3 | 873.7 | 874.1 |
| 165°   | 883.6 | 882.4 | 882.6 | 882.8 | 883.0 | 883.0 | 883.4 | 883.8 | 884.2 | 884.7 | 885.2 |
| 167.5° | 892.3 | 891.0 | 891.0 | 891.0 | 891.0 | 891.0 | 891.4 | 892.0 | 892.6 | 893.2 | 893.8 |
| 170°   | 897.2 | 896.0 | 896.0 | 896.0 | 896.0 | 896.0 | 896.2 | 896.8 | 897.4 | 898.0 | 898.6 |
| 172.5° | 900.3 | 899.1 | 899.1 | 898.9 | 898.8 | 898.7 | 899.0 | 899.7 | 900.4 | 901.1 | 901.8 |
| 175°   | 904.4 | 903.4 | 903.2 | 903.0 | 902.8 | 902.8 | 903.0 | 903.8 | 904.6 | 905.3 | 906.0 |
| 177.5° | 905.9 | 904.9 | 904.8 | 904.7 | 904.6 | 904.5 | 904.7 | 905.3 | 905.9 | 906.5 | 907.1 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 7.3   | 7.6   | 8.7   | 9.5   | 10.9  | 12.1  | 12.2   | 12.1   | 12.2   | 12.1   | 11.9   |
| 90°    | 2.2   | 3.7   | 5.2   | 6.6   | 8.4   | 10.3  | 12.2   | 14.2   | 16.2   | 16.8   | 17.4   |
| 92.5°  | 12.1  | 11.7  | 11.3  | 10.8  | 11.4  | 12.8  | 14.3   | 15.8   | 17.2   | 18.2   | 19.1   |
| 95°    | 35.0  | 28.8  | 22.6  | 16.5  | 14.3  | 15.9  | 17.6   | 19.2   | 20.8   | 22.0   | 23.0   |
| 97.5°  | 79.8  | 77.1  | 74.3  | 71.5  | 64.7  | 54.0  | 43.2   | 32.5   | 21.7   | 22.9   | 24.1   |
| 100°   | 116.8 | 119.8 | 122.7 | 125.7 | 115.5 | 92.2  | 68.9   | 45.5   | 22.2   | 23.4   | 24.6   |
| 102.5° | 151.4 | 153.6 | 155.8 | 157.9 | 146.3 | 120.8 | 95.2   | 69.7   | 44.3   | 40.6   | 36.9   |
| 105°   | 202.2 | 203.9 | 205.5 | 207.2 | 201.3 | 187.8 | 174.4  | 160.8  | 147.4  | 121.0  | 94.5   |
| 107.5° | 256.1 | 257.4 | 258.6 | 259.9 | 261.7 | 263.8 | 266.0  | 268.0  | 270.2  | 250.8  | 231.4  |
| 110°   | 292.0 | 293.2 | 294.4 | 295.6 | 297.0 | 298.7 | 300.3  | 302.0  | 303.6  | 298.7  | 293.7  |





TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 326.3 | 327.4 | 328.5 | 329.6 | 330.9 | 332.6 | 334.2 | 335.9 | 337.5 | 337.6 | 337.7 |
| 115°   | 377.2 | 378.1 | 379.0 | 379.9 | 381.0 | 382.4 | 383.7 | 385.0 | 386.4 | 387.9 | 389.3 |
| 117.5° | 426.8 | 427.9 | 429.0 | 430.1 | 431.0 | 431.7 | 432.4 | 433.1 | 433.8 | 435.0 | 436.2 |
| 120°   | 457.7 | 459.1 | 460.4 | 461.8 | 462.7 | 463.1 | 463.6 | 464.0 | 464.4 | 465.6 | 466.8 |
| 122.5° | 488.7 | 489.8 | 490.9 | 492.1 | 492.8 | 493.4 | 494.0 | 494.6 | 495.2 | 496.0 | 496.8 |
| 125°   | 531.6 | 532.8 | 534.0 | 535.2 | 536.1 | 536.7 | 537.3 | 537.9 | 538.5 | 538.8 | 539.1 |
| 127.5° | 573.1 | 574.3 | 575.5 | 576.7 | 577.6 | 578.3 | 579.1 | 579.8 | 580.5 | 581.0 | 581.4 |
| 130°   | 598.9 | 600.1 | 601.3 | 602.5 | 603.4 | 604.0 | 604.6 | 605.2 | 605.8 | 606.4 | 607.0 |
| 132.5° | 623.7 | 624.9 | 626.1 | 627.3 | 628.1 | 628.6 | 629.0 | 629.6 | 630.1 | 630.7 | 631.2 |
| 135°   | 661.2 | 662.1 | 663.1 | 663.9 | 664.7 | 665.3 | 665.9 | 666.5 | 667.1 | 667.5 | 668.0 |
| 137.5° | 693.8 | 694.9 | 696.0 | 697.2 | 697.9 | 698.3 | 698.6 | 698.9 | 699.2 | 700.0 | 700.7 |
| 140°   | 715.1 | 716.0 | 716.9 | 717.8 | 718.4 | 718.9 | 719.4 | 719.8 | 720.2 | 720.8 | 721.4 |
| 142.5° | 735.0 | 735.9 | 736.8 | 737.7 | 738.4 | 738.8 | 739.3 | 739.7 | 740.2 | 740.6 | 741.1 |
| 145°   | 763.0 | 764.1 | 765.1 | 766.2 | 766.8 | 767.2 | 767.4 | 767.8 | 768.0 | 768.4 | 768.6 |
| 147.5° | 788.9 | 789.6 | 790.3 | 791.0 | 791.5 | 791.8 | 792.0 | 792.4 | 792.6 | 793.0 | 793.2 |
| 150°   | 804.9 | 805.3 | 805.7 | 806.2 | 806.6 | 806.8 | 807.2 | 807.4 | 807.8 | 808.0 | 808.3 |
| 152.5° | 819.2 | 819.3 | 819.6 | 819.8 | 819.9 | 820.1 | 820.3 | 820.5 | 820.7 | 821.2 | 821.7 |
| 155°   | 839.1 | 838.8 | 838.5 | 838.2 | 838.1 | 838.3 | 838.4 | 838.5 | 838.7 | 839.5 | 840.2 |
| 157.5° | 855.2 | 855.2 | 855.1 | 855.1 | 855.1 | 854.9 | 854.8 | 854.6 | 854.5 | 855.4 | 856.3 |
| 160°   | 864.8 | 864.7 | 864.5 | 864.4 | 864.2 | 864.1 | 863.9 | 863.8 | 863.6 | 864.5 | 865.4 |
| 162.5° | 873.7 | 873.3 | 873.0 | 872.5 | 872.3 | 872.1 | 872.0 | 871.8 | 871.7 | 872.7 | 873.7 |
| 165°   | 884.7 | 884.2 | 883.8 | 883.4 | 883.0 | 883.0 | 882.8 | 882.6 | 882.4 | 883.6 | 884.8 |
| 167.5° | 893.2 | 892.6 | 892.0 | 891.4 | 891.0 | 891.0 | 891.0 | 891.0 | 891.0 | 892.3 | 893.5 |
| 170°   | 898.0 | 897.4 | 896.8 | 896.2 | 896.0 | 896.0 | 896.0 | 896.0 | 896.0 | 897.2 | 898.3 |
| 172.5° | 901.1 | 900.4 | 899.7 | 899.0 | 898.7 | 898.8 | 898.9 | 899.1 | 899.1 | 900.3 | 901.6 |
| 175°   | 905.3 | 904.6 | 903.8 | 903.0 | 902.8 | 902.8 | 903.0 | 903.2 | 903.4 | 904.4 | 905.4 |
| 177.5° | 906.5 | 905.9 | 905.3 | 904.7 | 904.5 | 904.6 | 904.7 | 904.8 | 904.9 | 905.9 | 906.9 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**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°  | 11.8   | 11.6   | 11.5   | 11.8   | 11.5   | 11.4   | 12.0   |
| 90°    | 17.9   | 18.5   | 19.0   | 19.3   | 19.6   | 19.9   | 20.2   |
| 92.5°  | 20.1   | 21.1   | 21.6   | 21.8   | 22.0   | 22.1   | 22.4   |
| 95°    | 24.0   | 25.1   | 25.6   | 25.6   | 25.6   | 25.6   | 25.6   |
| 97.5°  | 25.2   | 26.4   | 27.1   | 27.3   | 27.5   | 27.6   | 27.7   |
| 100°   | 25.8   | 27.0   | 27.6   | 27.8   | 28.0   | 28.2   | 28.2   |
| 102.5° | 33.1   | 29.4   | 27.7   | 28.0   | 28.2   | 28.5   | 28.8   |
| 105°   | 68.0   | 41.5   | 28.4   | 28.8   | 29.0   | 29.4   | 29.6   |
| 107.5° | 212.0  | 192.5  | 172.8  | 152.9  | 132.9  | 113.0  | 93.0   |
| 110°   | 288.8  | 283.9  | 270.7  | 249.3  | 227.9  | 206.5  | 185.1  |



TEST NUMBER: P331928-935

CATALOG NUMBER: S123DIP-S560D805U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 337.8 | 337.9 | 335.6 | 331.1 | 326.6 | 322.1 | 317.6 |
| 115°   | 390.9 | 392.4 | 393.4 | 394.0 | 394.6 | 395.2 | 395.8 |
| 117.5° | 437.4 | 438.5 | 439.2 | 439.4 | 439.5 | 439.5 | 439.7 |
| 120°   | 468.0 | 469.2 | 469.8 | 469.8 | 469.8 | 469.8 | 469.8 |
| 122.5° | 497.7 | 498.5 | 498.9 | 499.1 | 499.2 | 499.4 | 499.5 |
| 125°   | 539.4 | 539.7 | 540.0 | 540.3 | 540.6 | 540.9 | 541.2 |
| 127.5° | 581.9 | 582.4 | 582.5 | 582.2 | 581.9 | 581.6 | 581.3 |
| 130°   | 607.6 | 608.2 | 608.4 | 608.0 | 607.8 | 607.4 | 607.2 |
| 132.5° | 631.8 | 632.4 | 632.5 | 632.1 | 631.7 | 631.3 | 630.9 |
| 135°   | 668.4 | 668.8 | 668.8 | 668.4 | 668.0 | 667.5 | 667.1 |
| 137.5° | 701.4 | 702.1 | 702.3 | 702.1 | 701.7 | 701.5 | 701.1 |
| 140°   | 722.0 | 722.6 | 722.8 | 722.5 | 722.2 | 721.9 | 721.6 |
| 142.5° | 741.6 | 742.1 | 742.1 | 741.7 | 741.2 | 740.9 | 740.5 |
| 145°   | 769.0 | 769.2 | 769.4 | 769.4 | 769.4 | 769.4 | 769.4 |
| 147.5° | 793.6 | 793.8 | 793.7 | 793.0 | 792.3 | 791.6 | 790.9 |
| 150°   | 808.7 | 808.9 | 808.9 | 808.4 | 808.0 | 807.5 | 807.1 |
| 152.5° | 822.3 | 822.9 | 822.8 | 822.1 | 821.4 | 820.7 | 820.0 |
| 155°   | 840.9 | 841.7 | 841.6 | 840.8 | 839.8 | 839.0 | 838.0 |
| 157.5° | 857.1 | 858.1 | 857.9 | 856.8 | 855.6 | 854.5 | 853.3 |
| 160°   | 866.3 | 867.2 | 867.1 | 866.1 | 865.0 | 864.0 | 863.0 |
| 162.5° | 874.8 | 875.7 | 875.8 | 874.9 | 873.9 | 873.1 | 872.1 |
| 165°   | 886.1 | 887.3 | 887.3 | 886.3 | 885.2 | 884.2 | 883.1 |
| 167.5° | 894.7 | 895.9 | 895.9 | 894.7 | 893.5 | 892.3 | 891.0 |
| 170°   | 899.5 | 900.7 | 900.7 | 899.5 | 898.3 | 897.2 | 896.0 |
| 172.5° | 902.8 | 904.0 | 903.9 | 902.6 | 901.3 | 899.9 | 898.6 |
| 175°   | 906.5 | 907.5 | 907.4 | 906.3 | 905.1 | 903.9 | 902.7 |
| 177.5° | 907.8 | 908.8 | 908.7 | 907.5 | 906.3 | 905.1 | 903.9 |
| 180°   | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 | 906.0 |

(END OF REPORT)