

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: P331294-940

Luminaire Tested: **SA2XXDIP-C485D530U940-4F0-1E-UDD-A**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331294-940  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA2XXDIP-C485D530U940-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 530 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

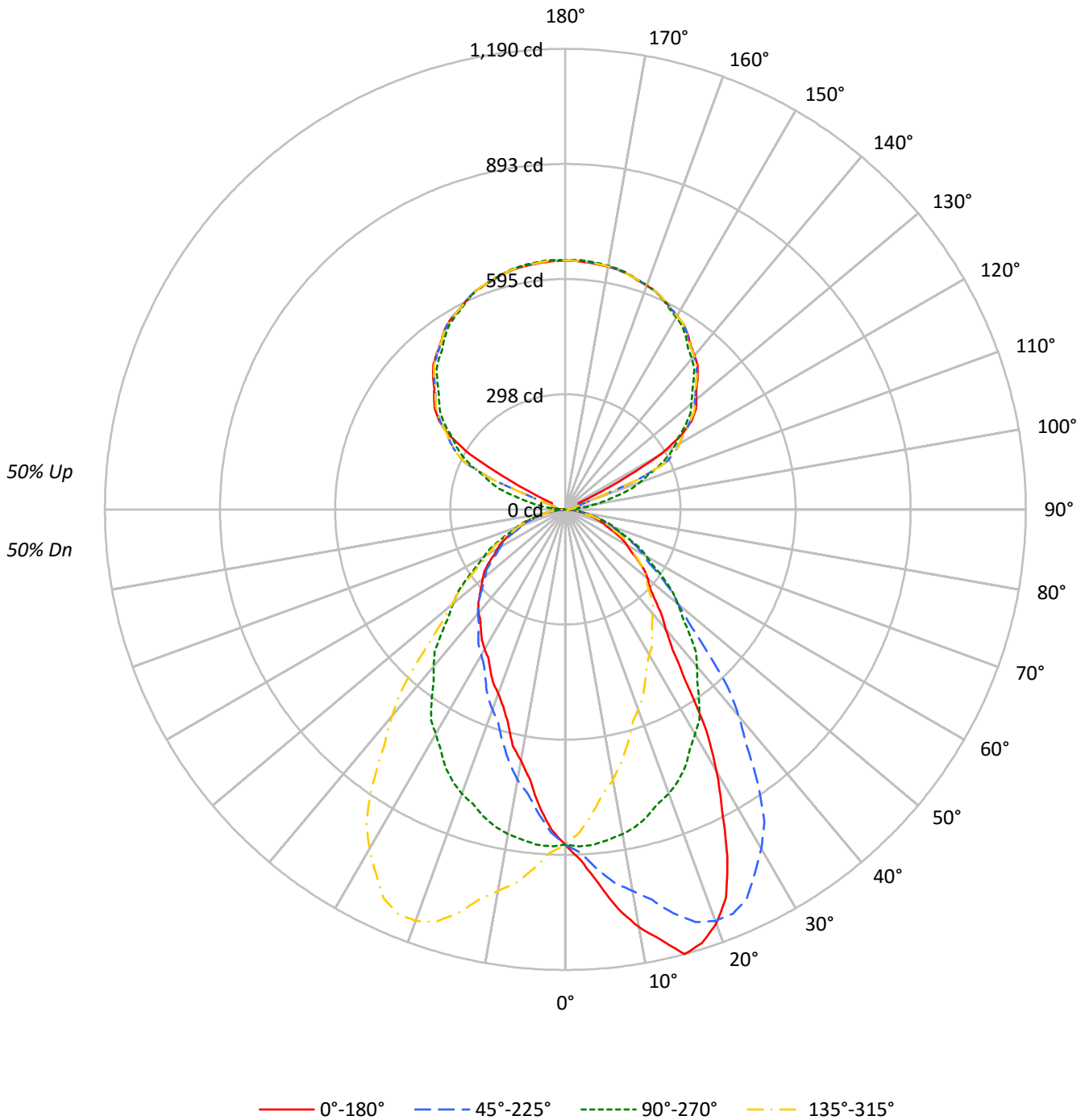
Lumens per Lamp: N/A  
Luminaire Lumens: 3798.0 lumens  
Efficiency: N/A  
Efficacy: 115.8 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 32.8  
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: P331294-940  
CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P331294-940

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF  | 20  |     |     |     |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |   |
| RC  | 80  |     |     |     |    | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 10 | 0 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |   |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |    |    |    |   |
| 1   | 98  | 94  | 90  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 51 | 50 | 49 | 43 |    |    |    |   |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 65 | 62 | 58 | 55 | 52 | 50 | 45 | 43 | 42 | 37 |    |    |    |   |
| 3   | 82  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 49 | 46 | 43 | 40 | 38 | 36 | 32 |    |    |    |   |
| 4   | 76  | 65  | 57  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 34 | 31 | 28 |    |    |    |   |
| 5   | 70  | 58  | 50  | 45  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 32 | 33 | 30 | 28 | 25 |    |    |    |   |
| 6   | 64  | 52  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |    |    |    |   |
| 7   | 60  | 48  | 40  | 34  | 55 | 44 | 37 | 33 | 38 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 | 20 |    |    |    |   |
| 8   | 55  | 43  | 36  | 31  | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 | 18 |    |    |    |   |
| 9   | 52  | 40  | 32  | 27  | 48 | 37 | 31 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |    |    |    |   |
| 10  | 48  | 36  | 29  | 25  | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 | 15 |    |    |    |   |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13990 | 13990 | 13990 | 13990 |
| 5°  | 15686 | 14083 | 12478 | 14083 |
| 10° | 17974 | 13967 | 10799 | 13967 |
| 15° | 19883 | 13710 | 9541  | 13710 |
| 20° | 19581 | 13435 | 8698  | 13435 |
| 25° | 17655 | 13069 | 8165  | 13069 |
| 30° | 14590 | 12486 | 7774  | 12486 |
| 35° | 10634 | 11874 | 7496  | 11874 |
| 40° | 8494  | 11152 | 7341  | 11152 |
| 45° | 7421  | 10319 | 7133  | 10319 |
| 50° | 6978  | 9510  | 6993  | 9510  |
| 55° | 6432  | 8690  | 6804  | 8690  |
| 60° | 5893  | 7818  | 6516  | 7818  |
| 65° | 5368  | 7033  | 6235  | 7033  |
| 70° | 4877  | 6274  | 5816  | 6274  |
| 75° | 4323  | 5421  | 5153  | 5421  |
| 80° | 3710  | 4491  | 4147  | 4491  |
| 85° | 3335  | 3335  | 2464  | 3335  |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 82.5   | 2.2       |
| 10°-20°   | 239.9  | 6.3       |
| 20°-30°   | 348.2  | 9.2       |
| 30°-40°   | 367.4  | 9.7       |
| 40°-50°   | 325.3  | 8.6       |
| 50°-60°   | 259.6  | 6.8       |
| 60°-70°   | 176.5  | 4.6       |
| 70°-80°   | 90.5   | 2.4       |
| 80°-90°   | 23.4   | 0.6       |
| 90°-100°  | 21.5   | 0.6       |
| 100°-110° | 78.7   | 2.1       |
| 110°-120° | 210.3  | 5.5       |
| 120°-130° | 347.1  | 9.1       |
| 130°-140° | 369.2  | 9.7       |
| 140°-150° | 343.1  | 9.0       |
| 150°-160° | 275.9  | 7.3       |
| 160°-170° | 177.8  | 4.7       |
| 170°-180° | 61.2   | 1.6       |
| 0°-30°    | 670.6  | 17.7      |
| 0°-40°    | 1038.0 | 27.3      |
| 0°-60°    | 1623.0 | 42.7      |
| 0°-90°    | 1913.3 | 50.4      |
| 90°-120°  | 310.4  | 8.2       |
| 90°-150°  | 1369.9 | 36.1      |
| 90°-180°  | 1885.0 | 49.6      |
| 0°-180°   | 3798.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 866  | 866 | 866  | 866  | 866  |      |
| 5°   | 968  | 869 | 770  | 869  | 968  | 97   |
| 15°  | 1190 | 820 | 571  | 820  | 1190 | 328  |
| 25°  | 991  | 734 | 458  | 734  | 991  | 448  |
| 35°  | 540  | 602 | 380  | 602  | 540  | 351  |
| 45°  | 325  | 452 | 312  | 452  | 325  | 256  |
| 55°  | 228  | 309 | 242  | 309  | 228  | 205  |
| 65°  | 140  | 184 | 163  | 184  | 140  | 140  |
| 75°  | 69   | 87  | 83   | 87   | 69   | 74   |
| 85°  | 18   | 18  | 13   | 18   | 18   | 20   |
| 90°  | 13   | 0   | 13   | 0    | 13   | 6    |
| 95°  | 20   | 30  | 20   | 30   | 20   | 19   |
| 105° | 35   | 141 | 35   | 141  | 35   | 37   |
| 115° | 38   | 268 | 38   | 268  | 38   | 96   |
| 125° | 398  | 378 | 398  | 378  | 398  | 344  |
| 135° | 484  | 468 | 484  | 468  | 484  | 373  |
| 145° | 551  | 543 | 551  | 543  | 551  | 345  |
| 155° | 598  | 598 | 598  | 598  | 598  | 276  |
| 165° | 629  | 630 | 629  | 630  | 629  | 177  |
| 175° | 641  | 644 | 641  | 644  | 641  | 61   |
| 180° | 643  | 643 | 643  | 643  | 643  |      |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  |
| 2.5°   | 906.5  | 906.8  | 907.2  | 903.0  | 902.5  | 902.5  | 898.8  | 895.5  | 891.8  | 886.7  | 887.3  |
| 5°     | 967.8  | 971.4  | 972.8  | 968.8  | 962.8  | 962.1  | 956.4  | 947.1  | 938.4  | 931.5  | 926.5  |
| 7.5°   | 1040.9 | 1042.3 | 1039.1 | 1033.8 | 1029.4 | 1021.4 | 1010.8 | 1000.5 | 986.1  | 972.8  | 963.0  |
| 10°    | 1096.3 | 1098.3 | 1092.6 | 1084.9 | 1078.6 | 1069.3 | 1054.0 | 1038.3 | 1019.4 | 1001.0 | 986.4  |
| 12.5°  | 1138.4 | 1143.4 | 1136.0 | 1135.1 | 1124.2 | 1111.4 | 1093.1 | 1085.2 | 1058.5 | 1033.0 | 1017.3 |
| 15°    | 1189.5 | 1189.2 | 1189.9 | 1183.6 | 1175.5 | 1173.6 | 1154.2 | 1133.3 | 1095.6 | 1080.7 | 1054.6 |
| 17.5°  | 1174.7 | 1179.8 | 1182.1 | 1182.1 | 1181.9 | 1180.6 | 1174.4 | 1161.2 | 1142.3 | 1118.0 | 1088.1 |
| 20°    | 1139.6 | 1146.2 | 1147.3 | 1154.9 | 1159.2 | 1164.9 | 1167.2 | 1163.6 | 1151.9 | 1131.6 | 1105.6 |
| 22.5°  | 1085.2 | 1087.1 | 1090.2 | 1102.2 | 1111.5 | 1125.7 | 1133.1 | 1145.4 | 1140.9 | 1131.0 | 1109.4 |
| 25°    | 991.0  | 987.7  | 999.3  | 1005.4 | 1027.0 | 1049.6 | 1066.0 | 1084.0 | 1099.9 | 1109.6 | 1103.3 |
| 27.5°  | 878.0  | 873.0  | 890.5  | 906.3  | 923.9  | 948.4  | 973.8  | 1003.9 | 1028.9 | 1060.2 | 1070.9 |
| 30°    | 782.6  | 785.6  | 802.3  | 819.2  | 845.9  | 880.5  | 909.1  | 942.1  | 977.8  | 1012.7 | 1037.0 |
| 32.5°  | 679.8  | 691.3  | 701.8  | 727.8  | 751.3  | 789.9  | 831.9  | 873.1  | 917.6  | 957.3  | 994.9  |
| 35°    | 539.5  | 552.8  | 567.5  | 586.5  | 619.4  | 657.7  | 698.7  | 754.3  | 814.9  | 869.2  | 913.8  |
| 37.5°  | 454.1  | 452.0  | 460.4  | 474.1  | 500.8  | 531.7  | 578.8  | 633.8  | 705.2  | 768.9  | 831.9  |
| 40°    | 403.0  | 401.6  | 407.6  | 420.3  | 440.6  | 463.2  | 504.5  | 552.8  | 619.1  | 697.0  | 772.0  |
| 42.5°  | 367.7  | 368.5  | 371.9  | 380.8  | 394.8  | 413.4  | 444.3  | 485.4  | 546.1  | 619.5  | 700.0  |
| 45°    | 325.0  | 327.3  | 331.0  | 335.4  | 343.3  | 358.6  | 375.9  | 405.3  | 453.3  | 514.5  | 593.8  |
| 47.5°  | 294.3  | 294.4  | 298.0  | 301.8  | 306.6  | 315.2  | 329.4  | 347.8  | 381.6  | 431.5  | 499.6  |
| 50°    | 277.8  | 275.4  | 278.0  | 281.1  | 286.1  | 292.0  | 301.4  | 318.7  | 341.3  | 381.7  | 438.5  |
| 52.5°  | 257.5  | 257.5  | 259.9  | 261.1  | 265.6  | 271.5  | 280.1  | 292.0  | 312.5  | 344.1  | 390.9  |
| 55°    | 228.5  | 230.2  | 231.5  | 233.4  | 237.5  | 241.7  | 248.4  | 256.5  | 272.4  | 296.0  | 330.6  |
| 57.5°  | 201.2  | 201.7  | 203.0  | 206.8  | 209.4  | 213.3  | 219.6  | 226.9  | 237.3  | 254.9  | 280.9  |
| 60°    | 182.5  | 182.5  | 185.1  | 186.8  | 190.1  | 194.1  | 199.1  | 206.2  | 215.4  | 229.8  | 250.7  |
| 62.5°  | 165.4  | 165.1  | 166.2  | 169.0  | 171.5  | 175.2  | 180.2  | 186.2  | 194.9  | 207.7  | 224.9  |
| 65°    | 140.5  | 139.9  | 141.9  | 142.5  | 145.2  | 148.8  | 152.8  | 159.2  | 166.2  | 175.5  | 190.8  |
| 67.5°  | 116.5  | 117.3  | 118.4  | 119.7  | 121.2  | 125.0  | 127.7  | 132.2  | 138.0  | 145.8  | 156.2  |
| 70°    | 103.3  | 103.3  | 103.3  | 104.2  | 106.2  | 108.3  | 110.9  | 114.6  | 120.2  | 126.9  | 136.2  |
| 72.5°  | 88.3   | 89.3   | 90.4   | 89.9   | 92.4   | 93.5   | 96.8   | 98.8   | 104.2  | 108.5  | 116.7  |
| 75°    | 69.3   | 69.3   | 69.3   | 70.9   | 72.0   | 72.9   | 74.9   | 77.0   | 79.6   | 84.9   | 89.3   |
| 77.5°  | 51.7   | 51.5   | 51.9   | 52.3   | 53.3   | 54.6   | 55.1   | 57.0   | 59.4   | 61.9   | 65.5   |
| 80°    | 39.9   | 40.7   | 40.9   | 41.6   | 41.6   | 42.3   | 42.6   | 44.9   | 46.6   | 48.3   | 50.6   |
| 82.5°  | 30.9   | 31.0   | 31.1   | 31.2   | 31.5   | 31.9   | 32.7   | 33.5   | 34.1   | 35.5   | 37.3   |
| 85°    | 18.0   | 17.7   | 17.7   | 18.3   | 18.0   | 18.0   | 18.6   | 19.4   | 19.4   | 19.6   | 20.7   |
| 87.5°  | 9.5    | 9.4    | 9.6    | 9.3    | 9.3    | 9.5    | 9.4    | 9.0    | 9.2    | 9.4    | 9.5    |
| 90°    | 12.6   | 12.4   | 12.1   | 11.9   | 11.8   | 11.4   | 10.9   | 10.3   | 9.8    | 9.3    | 8.5    |
| 92.5°  | 12.6   | 12.5   | 12.3   | 12.2   | 12.0   | 11.9   | 11.6   | 11.3   | 11.1   | 10.8   | 10.3   |
| 95°    | 20.0   | 20.2   | 20.2   | 20.3   | 20.4   | 20.2   | 19.7   | 19.2   | 18.6   | 18.2   | 17.4   |
| 97.5°  | 26.8   | 26.6   | 26.5   | 26.3   | 26.2   | 25.9   | 25.5   | 25.1   | 24.7   | 24.3   | 22.6   |
| 100°   | 31.2   | 30.9   | 30.8   | 30.6   | 30.3   | 29.9   | 29.0   | 28.2   | 27.4   | 26.5   | 24.8   |
| 102.5° | 33.4   | 33.1   | 32.8   | 32.5   | 32.3   | 31.6   | 30.5   | 29.4   | 28.4   | 27.3   | 42.0   |
| 105°   | 35.4   | 35.0   | 34.5   | 34.2   | 33.7   | 32.9   | 31.8   | 30.7   | 29.5   | 28.4   | 56.6   |
| 107.5° | 36.4   | 35.9   | 35.6   | 35.1   | 34.8   | 35.1   | 36.3   | 37.5   | 38.6   | 39.8   | 73.6   |
| 110°   | 36.7   | 36.4   | 35.9   | 35.5   | 35.1   | 40.0   | 50.4   | 60.7   | 71.1   | 81.4   | 111.3  |



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CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 37.1  | 36.8  | 36.5  | 36.1  | 35.8  | 54.5  | 92.2  | 129.9 | 167.6 | 205.5 | 212.8 |
| 115°   | 38.2  | 45.6  | 53.1  | 60.5  | 67.9  | 95.6  | 143.5 | 191.4 | 239.2 | 287.1 | 284.5 |
| 117.5° | 155.8 | 180.3 | 204.7 | 229.2 | 253.7 | 271.7 | 283.3 | 294.9 | 306.5 | 318.0 | 316.3 |
| 120°   | 283.8 | 297.8 | 311.8 | 325.7 | 339.7 | 346.1 | 344.8 | 343.6 | 342.3 | 341.1 | 339.2 |
| 122.5° | 354.2 | 357.0 | 359.6 | 362.4 | 365.1 | 366.0 | 365.3 | 364.5 | 363.8 | 363.1 | 361.1 |
| 125°   | 397.9 | 397.6 | 397.3 | 397.0 | 396.6 | 396.1 | 395.4 | 394.7 | 394.0 | 393.2 | 391.3 |
| 127.5° | 425.4 | 425.3 | 425.3 | 425.3 | 425.2 | 424.6 | 423.6 | 422.5 | 421.4 | 420.4 | 418.9 |
| 130°   | 442.6 | 442.6 | 442.7 | 442.8 | 443.0 | 442.5 | 441.3 | 440.1 | 439.1 | 437.9 | 436.8 |
| 132.5° | 459.3 | 459.4 | 459.5 | 459.6 | 459.7 | 459.3 | 458.3 | 457.4 | 456.4 | 455.4 | 454.2 |
| 135°   | 483.5 | 483.8 | 483.9 | 484.1 | 484.4 | 483.9 | 482.9 | 481.9 | 480.8 | 479.7 | 478.8 |
| 137.5° | 505.6 | 506.0 | 506.2 | 506.6 | 506.9 | 506.7 | 505.6 | 504.6 | 503.6 | 502.6 | 501.5 |
| 140°   | 519.3 | 519.9 | 520.4 | 520.8 | 521.4 | 521.2 | 520.2 | 519.3 | 518.4 | 517.5 | 516.3 |
| 142.5° | 532.7 | 533.2 | 533.8 | 534.3 | 534.8 | 534.7 | 533.8 | 533.0 | 532.1 | 531.3 | 529.9 |
| 145°   | 551.4 | 552.0 | 552.5 | 553.0 | 553.5 | 553.4 | 552.7 | 552.0 | 551.3 | 550.5 | 548.8 |
| 147.5° | 567.9 | 568.4 | 568.8 | 569.3 | 569.6 | 569.6 | 569.1 | 568.6 | 568.0 | 567.5 | 565.7 |
| 150°   | 578.0 | 578.5 | 579.0 | 579.5 | 580.1 | 580.0 | 579.3 | 578.7 | 578.1 | 577.5 | 575.9 |
| 152.5° | 586.6 | 587.2 | 587.9 | 588.6 | 589.2 | 589.3 | 588.7 | 588.1 | 587.5 | 586.8 | 585.2 |
| 155°   | 598.4 | 599.3 | 600.1 | 600.9 | 601.7 | 601.9 | 601.3 | 600.7 | 600.0 | 599.4 | 598.2 |
| 157.5° | 609.3 | 610.1 | 610.9 | 611.7 | 612.6 | 612.6 | 611.9 | 611.2 | 610.5 | 609.8 | 608.9 |
| 160°   | 615.6 | 616.4 | 617.2 | 617.9 | 618.6 | 618.6 | 618.0 | 617.3 | 616.8 | 616.2 | 615.5 |
| 162.5° | 620.9 | 621.8 | 622.7 | 623.6 | 624.5 | 624.6 | 623.8 | 623.1 | 622.4 | 621.7 | 621.2 |
| 165°   | 628.7 | 629.5 | 630.2 | 630.9 | 631.6 | 631.6 | 630.9 | 630.2 | 629.5 | 628.7 | 628.4 |
| 167.5° | 633.6 | 634.5 | 635.5 | 636.4 | 637.4 | 637.5 | 636.8 | 636.0 | 635.3 | 634.5 | 634.3 |
| 170°   | 636.6 | 637.6 | 638.5 | 639.4 | 640.3 | 640.4 | 639.7 | 639.0 | 638.3 | 637.6 | 637.3 |
| 172.5° | 638.8 | 639.8 | 640.7 | 641.7 | 642.6 | 642.7 | 641.9 | 641.2 | 640.5 | 639.8 | 639.5 |
| 175°   | 640.8 | 641.9 | 642.8 | 643.9 | 645.0 | 645.1 | 644.4 | 643.6 | 642.9 | 642.2 | 641.9 |
| 177.5° | 642.0 | 642.7 | 643.5 | 644.3 | 645.0 | 645.1 | 644.5 | 643.9 | 643.4 | 642.7 | 642.7 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 866.5  | 866.5  | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5°   | 889.1  | 887.0  | 885.6 | 880.9 | 876.6 | 872.4 | 871.0 | 871.6 | 865.7 | 860.1 | 857.7 |
| 5°     | 923.8  | 917.1  | 910.8 | 901.8 | 891.2 | 879.5 | 873.5 | 868.9 | 857.2 | 844.5 | 837.2 |
| 7.5°   | 954.8  | 945.3  | 933.1 | 916.2 | 900.7 | 882.3 | 870.7 | 860.4 | 843.3 | 825.5 | 814.6 |
| 10°    | 973.7  | 960.7  | 945.1 | 924.4 | 905.4 | 883.2 | 867.5 | 851.9 | 831.9 | 810.6 | 797.3 |
| 12.5°  | 990.0  | 972.5  | 957.1 | 930.6 | 908.1 | 880.2 | 861.7 | 839.6 | 818.6 | 793.3 | 780.2 |
| 15°    | 1028.7 | 996.4  | 967.1 | 937.1 | 909.5 | 870.5 | 849.9 | 820.2 | 792.6 | 761.3 | 746.3 |
| 17.5°  | 1058.5 | 1022.3 | 976.2 | 938.1 | 905.8 | 862.6 | 832.3 | 796.8 | 764.1 | 728.3 | 708.0 |
| 20°    | 1075.7 | 1034.0 | 984.4 | 939.1 | 900.4 | 851.2 | 818.2 | 781.9 | 743.6 | 703.3 | 681.4 |
| 22.5°  | 1085.7 | 1042.1 | 992.9 | 935.1 | 889.8 | 841.9 | 800.4 | 760.6 | 721.8 | 678.3 | 655.2 |
| 25°    | 1089.0 | 1049.0 | 997.0 | 931.7 | 876.5 | 822.2 | 772.2 | 733.6 | 686.7 | 646.0 | 612.4 |
| 27.5°  | 1073.1 | 1044.5 | 994.5 | 925.5 | 861.1 | 797.6 | 742.0 | 698.2 | 648.6 | 604.6 | 570.7 |
| 30°    | 1053.6 | 1037.0 | 988.4 | 919.1 | 848.8 | 780.6 | 719.3 | 669.7 | 620.5 | 575.8 | 541.2 |
| 32.5°  | 1023.6 | 1019.9 | 977.2 | 910.1 | 835.8 | 759.0 | 695.6 | 645.4 | 590.8 | 547.0 | 514.0 |
| 35°    | 964.4  | 980.4  | 953.4 | 889.8 | 811.2 | 728.3 | 659.7 | 602.4 | 545.8 | 503.8 | 472.9 |
| 37.5°  | 885.2  | 924.9  | 917.8 | 860.1 | 778.0 | 694.9 | 619.1 | 559.3 | 505.3 | 463.0 | 432.6 |
| 40°    | 830.5  | 881.2  | 888.5 | 837.5 | 754.7 | 669.1 | 588.8 | 529.1 | 476.5 | 437.9 | 407.2 |
| 42.5°  | 772.0  | 831.1  | 851.2 | 810.4 | 729.1 | 641.9 | 561.6 | 499.9 | 447.8 | 410.2 | 383.1 |
| 45°    | 673.7  | 752.0  | 788.3 | 764.9 | 686.3 | 597.1 | 514.5 | 451.9 | 404.7 | 369.3 | 348.3 |
| 47.5°  | 581.8  | 667.4  | 716.2 | 707.9 | 638.8 | 550.5 | 468.9 | 408.8 | 362.7 | 334.6 | 315.8 |
| 50°    | 516.8  | 604.8  | 663.7 | 666.4 | 604.8 | 517.2 | 435.2 | 378.6 | 336.4 | 310.0 | 294.7 |
| 52.5°  | 460.4  | 544.3  | 608.6 | 622.7 | 566.7 | 482.5 | 405.1 | 348.8 | 311.6 | 287.4 | 273.7 |
| 55°    | 386.6  | 457.5  | 528.9 | 554.8 | 509.9 | 429.9 | 358.3 | 308.7 | 273.8 | 257.1 | 245.1 |
| 57.5°  | 321.5  | 380.6  | 446.4 | 475.1 | 447.4 | 379.0 | 311.8 | 268.8 | 240.4 | 225.8 | 216.6 |
| 60°    | 287.0  | 333.7  | 392.3 | 426.6 | 402.6 | 341.7 | 283.0 | 242.1 | 218.8 | 205.8 | 197.2 |
| 62.5°  | 255.1  | 296.4  | 345.9 | 377.3 | 364.3 | 306.7 | 254.3 | 218.1 | 198.0 | 185.8 | 179.6 |
| 65°    | 210.4  | 243.1  | 281.4 | 310.4 | 301.8 | 258.1 | 215.2 | 184.1 | 168.2 | 158.5 | 153.6 |
| 67.5°  | 173.3  | 196.9  | 223.5 | 248.8 | 241.8 | 210.9 | 176.5 | 152.3 | 140.4 | 132.1 | 129.1 |
| 70°    | 149.9  | 167.8  | 191.5 | 211.8 | 206.2 | 180.8 | 153.6 | 132.9 | 122.5 | 115.6 | 112.5 |
| 72.5°  | 127.5  | 142.2  | 160.3 | 176.9 | 173.1 | 152.0 | 129.3 | 113.7 | 105.8 | 99.3  | 96.8  |
| 75°    | 96.2   | 107.5  | 118.6 | 129.6 | 128.6 | 112.3 | 98.9  | 86.9  | 80.6  | 75.6  | 74.6  |
| 77.5°  | 71.1   | 77.4   | 84.9  | 91.4  | 89.6  | 80.3  | 69.8  | 63.0  | 58.3  | 54.9  | 54.4  |
| 80°    | 54.3   | 58.0   | 63.3  | 67.9  | 65.6  | 61.6  | 53.3  | 48.3  | 44.9  | 41.6  | 40.3  |
| 82.5°  | 39.3   | 43.1   | 46.2  | 48.8  | 47.0  | 43.2  | 38.1  | 34.7  | 32.7  | 30.4  | 29.9  |
| 85°    | 20.7   | 22.6   | 24.0  | 24.6  | 24.0  | 21.7  | 19.4  | 18.0  | 16.3  | 15.3  | 15.0  |
| 87.5°  | 9.5    | 9.4    | 9.2   | 9.5   | 8.5   | 8.3   | 7.0   | 6.0   | 5.9   | 5.9   | 5.5   |
| 90°    | 7.7    | 6.9    | 6.0   | 5.0   | 3.8   | 2.8   | 1.6   | 0.4   | 1.6   | 2.8   | 3.8   |
| 92.5°  | 10.0   | 9.5    | 9.2   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.3   | 9.2   | 9.1   |
| 95°    | 16.7   | 16.0   | 15.2  | 16.6  | 20.0  | 23.5  | 26.8  | 30.2  | 26.8  | 23.5  | 20.0  |
| 97.5°  | 21.0   | 19.3   | 17.6  | 21.6  | 31.2  | 40.8  | 50.4  | 60.0  | 50.4  | 40.8  | 31.2  |
| 100°   | 23.0   | 21.2   | 19.5  | 25.7  | 39.9  | 54.0  | 68.2  | 82.4  | 68.2  | 54.0  | 39.9  |
| 102.5° | 56.7   | 71.4   | 86.1  | 95.0  | 97.9  | 100.9 | 104.0 | 106.9 | 104.0 | 100.9 | 97.9  |
| 105°   | 84.9   | 113.1  | 141.3 | 153.9 | 150.8 | 147.7 | 144.5 | 141.4 | 144.5 | 147.7 | 150.8 |
| 107.5° | 107.5  | 141.3  | 175.1 | 190.8 | 188.3 | 185.8 | 183.3 | 180.8 | 183.3 | 185.8 | 188.3 |
| 110°   | 141.2  | 171.1  | 201.0 | 214.8 | 212.7 | 210.5 | 208.3 | 206.2 | 208.3 | 210.5 | 212.7 |





TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 220.2 | 227.6 | 235.0 | 237.6 | 235.8 | 233.8 | 231.9 | 230.0 | 231.9 | 233.8 | 235.8 |
| 115°   | 282.0 | 279.4 | 276.8 | 274.6 | 272.9 | 271.1 | 269.3 | 267.6 | 269.3 | 271.1 | 272.9 |
| 117.5° | 314.5 | 312.7 | 310.9 | 309.1 | 307.1 | 305.1 | 303.2 | 301.2 | 303.2 | 305.1 | 307.1 |
| 120°   | 337.4 | 335.6 | 333.7 | 332.0 | 330.4 | 328.9 | 327.3 | 325.7 | 327.3 | 328.9 | 330.4 |
| 122.5° | 359.0 | 357.0 | 355.0 | 353.1 | 351.5 | 349.9 | 348.2 | 346.6 | 348.2 | 349.9 | 351.5 |
| 125°   | 389.3 | 387.4 | 385.4 | 383.7 | 382.4 | 381.0 | 379.7 | 378.4 | 379.7 | 381.0 | 382.4 |
| 127.5° | 417.5 | 416.0 | 414.6 | 413.0 | 411.5 | 410.1 | 408.6 | 407.1 | 408.6 | 410.1 | 411.5 |
| 130°   | 435.6 | 434.5 | 433.4 | 431.9 | 430.3 | 428.6 | 427.0 | 425.3 | 427.0 | 428.6 | 430.3 |
| 132.5° | 453.2 | 452.0 | 450.8 | 449.6 | 448.2 | 446.7 | 445.3 | 444.0 | 445.3 | 446.7 | 448.2 |
| 135°   | 478.0 | 477.0 | 476.1 | 474.7 | 473.1 | 471.4 | 469.8 | 468.1 | 469.8 | 471.4 | 473.1 |
| 137.5° | 500.5 | 499.4 | 498.4 | 497.2 | 496.1 | 494.9 | 493.7 | 492.7 | 493.7 | 494.9 | 496.1 |
| 140°   | 515.2 | 514.1 | 512.9 | 511.9 | 511.1 | 510.3 | 509.4 | 508.6 | 509.4 | 510.3 | 511.1 |
| 142.5° | 528.6 | 527.4 | 526.0 | 525.0 | 524.2 | 523.5 | 522.8 | 522.0 | 522.8 | 523.5 | 524.2 |
| 145°   | 547.0 | 545.3 | 543.5 | 542.7 | 542.8 | 542.9 | 543.0 | 543.1 | 543.0 | 542.9 | 542.8 |
| 147.5° | 564.0 | 562.2 | 560.5 | 559.8 | 560.3 | 560.6 | 561.0 | 561.4 | 561.0 | 560.6 | 560.3 |
| 150°   | 574.2 | 572.6 | 570.9 | 570.4 | 571.1 | 571.9 | 572.6 | 573.3 | 572.6 | 571.9 | 571.1 |
| 152.5° | 583.7 | 582.1 | 580.5 | 580.1 | 580.9 | 581.8 | 582.6 | 583.4 | 582.6 | 581.8 | 580.9 |
| 155°   | 596.9 | 595.7 | 594.4 | 594.2 | 595.2 | 596.1 | 597.1 | 598.0 | 597.1 | 596.1 | 595.2 |
| 157.5° | 608.1 | 607.2 | 606.4 | 606.3 | 607.1 | 607.9 | 608.7 | 609.4 | 608.7 | 607.9 | 607.1 |
| 160°   | 614.9 | 614.3 | 613.7 | 613.7 | 614.3 | 614.9 | 615.5 | 616.2 | 615.5 | 614.9 | 614.3 |
| 162.5° | 620.6 | 620.1 | 619.6 | 619.6 | 620.2 | 620.8 | 621.4 | 622.1 | 621.4 | 620.8 | 620.2 |
| 165°   | 628.0 | 627.8 | 627.5 | 627.6 | 628.2 | 628.8 | 629.5 | 630.1 | 629.5 | 628.8 | 628.2 |
| 167.5° | 634.0 | 633.6 | 633.4 | 633.6 | 634.2 | 634.8 | 635.4 | 636.1 | 635.4 | 634.8 | 634.2 |
| 170°   | 637.1 | 636.9 | 636.7 | 636.9 | 637.6 | 638.2 | 638.8 | 639.4 | 638.8 | 638.2 | 637.6 |
| 172.5° | 639.4 | 639.2 | 638.9 | 639.2 | 639.8 | 640.4 | 641.1 | 641.7 | 641.1 | 640.4 | 639.8 |
| 175°   | 641.8 | 641.6 | 641.4 | 641.6 | 642.4 | 643.1 | 643.8 | 644.5 | 643.8 | 643.1 | 642.4 |
| 177.5° | 642.6 | 642.5 | 642.4 | 642.7 | 643.3 | 643.8 | 644.4 | 645.0 | 644.4 | 643.8 | 643.3 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5°   | 855.1 | 853.5 | 847.8 | 844.9 | 840.2 | 835.6 | 832.7 | 834.0 | 835.1 | 834.6 | 833.7 |
| 5°     | 830.5 | 824.2 | 814.6 | 806.2 | 800.2 | 789.3 | 784.6 | 782.3 | 780.2 | 777.9 | 775.6 |
| 7.5°   | 801.4 | 791.4 | 777.6 | 765.7 | 754.5 | 740.8 | 733.1 | 728.3 | 723.5 | 718.3 | 713.6 |
| 10°    | 780.6 | 766.6 | 752.0 | 735.3 | 722.0 | 709.6 | 698.7 | 691.3 | 684.7 | 678.3 | 673.7 |
| 12.5°  | 758.8 | 742.6 | 724.5 | 701.8 | 687.1 | 669.4 | 667.8 | 654.9 | 644.4 | 640.5 | 635.1 |
| 15°    | 724.0 | 701.3 | 678.3 | 651.4 | 639.7 | 623.8 | 613.8 | 603.8 | 594.8 | 588.4 | 586.7 |
| 17.5°  | 684.5 | 655.1 | 632.3 | 613.0 | 593.9 | 577.5 | 568.3 | 560.3 | 552.9 | 544.4 | 543.3 |
| 20°    | 654.3 | 629.1 | 604.1 | 587.1 | 567.5 | 550.8 | 539.5 | 531.5 | 525.1 | 520.1 | 515.9 |
| 22.5°  | 625.9 | 598.2 | 575.3 | 556.7 | 537.3 | 523.9 | 515.0 | 507.3 | 502.0 | 496.5 | 492.4 |
| 25°    | 580.1 | 558.5 | 533.5 | 512.6 | 496.5 | 487.9 | 480.5 | 473.9 | 470.6 | 466.9 | 462.3 |
| 27.5°  | 540.1 | 516.0 | 492.7 | 476.4 | 462.4 | 454.7 | 449.5 | 445.0 | 441.8 | 439.7 | 437.0 |
| 30°    | 511.8 | 487.5 | 469.2 | 453.3 | 441.6 | 433.9 | 430.6 | 427.9 | 424.3 | 422.9 | 421.6 |
| 32.5°  | 484.6 | 462.8 | 447.1 | 433.3 | 422.1 | 417.1 | 414.1 | 411.7 | 408.8 | 407.5 | 404.8 |
| 35°    | 446.2 | 427.9 | 412.6 | 404.9 | 395.9 | 391.6 | 389.3 | 385.9 | 383.3 | 382.0 | 381.7 |
| 37.5°  | 410.1 | 394.1 | 384.1 | 374.3 | 370.4 | 367.7 | 364.6 | 362.3 | 361.5 | 361.3 | 361.0 |
| 40°    | 386.6 | 373.6 | 364.6 | 356.7 | 355.0 | 351.0 | 348.3 | 346.3 | 346.3 | 346.7 | 346.3 |
| 42.5°  | 365.3 | 353.7 | 345.7 | 338.9 | 336.9 | 334.5 | 331.8 | 331.7 | 332.3 | 333.3 | 332.3 |
| 45°    | 333.1 | 324.7 | 319.1 | 315.7 | 312.0 | 309.7 | 309.3 | 310.4 | 310.7 | 311.0 | 312.0 |
| 47.5°  | 303.3 | 297.7 | 292.7 | 289.0 | 287.4 | 287.0 | 286.6 | 288.3 | 289.9 | 290.5 | 292.0 |
| 50°    | 285.7 | 279.4 | 275.1 | 272.8 | 271.4 | 270.7 | 271.4 | 273.4 | 274.7 | 276.4 | 277.4 |
| 52.5°  | 266.0 | 261.5 | 258.6 | 256.7 | 256.2 | 256.6 | 256.7 | 259.0 | 261.2 | 261.7 | 262.3 |
| 55°    | 238.8 | 235.4 | 234.8 | 231.8 | 233.1 | 232.7 | 234.4 | 235.8 | 237.7 | 239.8 | 240.1 |
| 57.5°  | 211.6 | 208.9 | 207.1 | 207.4 | 207.8 | 209.3 | 210.6 | 213.0 | 215.2 | 217.2 | 217.5 |
| 60°    | 193.5 | 192.2 | 191.2 | 191.2 | 191.8 | 193.9 | 195.5 | 197.8 | 199.1 | 200.5 | 201.4 |
| 62.5°  | 177.0 | 175.7 | 174.6 | 175.1 | 176.9 | 178.1 | 180.0 | 181.3 | 182.6 | 184.0 | 184.4 |
| 65°    | 150.9 | 150.2 | 151.2 | 151.9 | 152.2 | 153.8 | 156.2 | 157.2 | 158.5 | 159.2 | 161.5 |
| 67.5°  | 126.8 | 127.0 | 126.8 | 127.8 | 129.7 | 130.1 | 132.2 | 134.6 | 134.9 | 136.2 | 137.7 |
| 70°    | 110.6 | 111.2 | 111.9 | 112.5 | 114.2 | 114.9 | 116.5 | 117.5 | 118.9 | 119.8 | 120.9 |
| 72.5°  | 95.7  | 95.8  | 96.5  | 96.3  | 97.7  | 99.2  | 100.6 | 101.6 | 102.9 | 104.2 | 105.1 |
| 75°    | 73.6  | 73.6  | 74.3  | 74.6  | 76.2  | 77.9  | 77.6  | 78.3  | 79.6  | 81.0  | 81.6  |
| 77.5°  | 53.8  | 53.1  | 53.8  | 54.0  | 54.6  | 56.0  | 56.3  | 57.2  | 58.8  | 58.3  | 59.0  |
| 80°    | 40.9  | 39.9  | 40.9  | 41.3  | 41.3  | 43.0  | 43.0  | 43.6  | 44.6  | 43.6  | 44.6  |
| 82.5°  | 29.2  | 28.8  | 29.5  | 29.6  | 30.1  | 30.1  | 30.7  | 30.9  | 31.8  | 31.4  | 31.8  |
| 85°    | 14.6  | 14.4  | 14.6  | 14.4  | 14.6  | 15.0  | 15.0  | 14.6  | 14.6  | 15.3  | 14.4  |
| 87.5°  | 5.5   | 5.4   | 5.4   | 5.5   | 5.4   | 5.4   | 5.2   | 5.3   | 5.4   | 4.9   | 5.0   |
| 90°    | 5.0   | 6.0   | 6.9   | 7.7   | 8.5   | 9.3   | 9.8   | 10.3  | 10.9  | 11.4  | 11.8  |
| 92.5°  | 9.0   | 9.2   | 9.5   | 10.0  | 10.3  | 10.8  | 11.1  | 11.3  | 11.6  | 11.9  | 12.0  |
| 95°    | 16.6  | 15.2  | 16.0  | 16.7  | 17.4  | 18.2  | 18.6  | 19.2  | 19.7  | 20.2  | 20.4  |
| 97.5°  | 21.6  | 17.6  | 19.3  | 21.0  | 22.6  | 24.3  | 24.7  | 25.1  | 25.5  | 25.9  | 26.2  |
| 100°   | 25.7  | 19.5  | 21.2  | 23.0  | 24.8  | 26.5  | 27.4  | 28.2  | 29.0  | 29.9  | 30.3  |
| 102.5° | 95.0  | 86.1  | 71.4  | 56.7  | 42.0  | 27.3  | 28.4  | 29.4  | 30.5  | 31.6  | 32.3  |
| 105°   | 153.9 | 141.3 | 113.1 | 84.9  | 56.6  | 28.4  | 29.5  | 30.7  | 31.8  | 32.9  | 33.7  |
| 107.5° | 190.8 | 175.1 | 141.3 | 107.5 | 73.6  | 39.8  | 38.6  | 37.5  | 36.3  | 35.1  | 34.8  |
| 110°   | 214.8 | 201.0 | 171.1 | 141.2 | 111.3 | 81.4  | 71.1  | 60.7  | 50.4  | 40.0  | 35.1  |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.6 | 235.0 | 227.6 | 220.2 | 212.8 | 205.5 | 167.6 | 129.9 | 92.2  | 54.5  | 35.8  |
| 115°   | 274.6 | 276.8 | 279.4 | 282.0 | 284.5 | 287.1 | 239.2 | 191.4 | 143.5 | 95.6  | 67.9  |
| 117.5° | 309.1 | 310.9 | 312.7 | 314.5 | 316.3 | 318.0 | 306.5 | 294.9 | 283.3 | 271.7 | 253.7 |
| 120°   | 332.0 | 333.7 | 335.6 | 337.4 | 339.2 | 341.1 | 342.3 | 343.6 | 344.8 | 346.1 | 339.7 |
| 122.5° | 353.1 | 355.0 | 357.0 | 359.0 | 361.1 | 363.1 | 363.8 | 364.5 | 365.3 | 366.0 | 365.1 |
| 125°   | 383.7 | 385.4 | 387.4 | 389.3 | 391.3 | 393.2 | 394.0 | 394.7 | 395.4 | 396.1 | 396.6 |
| 127.5° | 413.0 | 414.6 | 416.0 | 417.5 | 418.9 | 420.4 | 421.4 | 422.5 | 423.6 | 424.6 | 425.2 |
| 130°   | 431.9 | 433.4 | 434.5 | 435.6 | 436.8 | 437.9 | 439.1 | 440.1 | 441.3 | 442.5 | 443.0 |
| 132.5° | 449.6 | 450.8 | 452.0 | 453.2 | 454.2 | 455.4 | 456.4 | 457.4 | 458.3 | 459.3 | 459.7 |
| 135°   | 474.7 | 476.1 | 477.0 | 478.0 | 478.8 | 479.7 | 480.8 | 481.9 | 482.9 | 483.9 | 484.4 |
| 137.5° | 497.2 | 498.4 | 499.4 | 500.5 | 501.5 | 502.6 | 503.6 | 504.6 | 505.6 | 506.7 | 506.9 |
| 140°   | 511.9 | 512.9 | 514.1 | 515.2 | 516.3 | 517.5 | 518.4 | 519.3 | 520.2 | 521.2 | 521.4 |
| 142.5° | 525.0 | 526.0 | 527.4 | 528.6 | 529.9 | 531.3 | 532.1 | 533.0 | 533.8 | 534.7 | 534.8 |
| 145°   | 542.7 | 543.5 | 545.3 | 547.0 | 548.8 | 550.5 | 551.3 | 552.0 | 552.7 | 553.4 | 553.5 |
| 147.5° | 559.8 | 560.5 | 562.2 | 564.0 | 565.7 | 567.5 | 568.0 | 568.6 | 569.1 | 569.6 | 569.6 |
| 150°   | 570.4 | 570.9 | 572.6 | 574.2 | 575.9 | 577.5 | 578.1 | 578.7 | 579.3 | 580.0 | 580.1 |
| 152.5° | 580.1 | 580.5 | 582.1 | 583.7 | 585.2 | 586.8 | 587.5 | 588.1 | 588.7 | 589.3 | 589.2 |
| 155°   | 594.2 | 594.4 | 595.7 | 596.9 | 598.2 | 599.4 | 600.0 | 600.7 | 601.3 | 601.9 | 601.7 |
| 157.5° | 606.3 | 606.4 | 607.2 | 608.1 | 608.9 | 609.8 | 610.5 | 611.2 | 611.9 | 612.6 | 612.6 |
| 160°   | 613.7 | 613.7 | 614.3 | 614.9 | 615.5 | 616.2 | 616.8 | 617.3 | 618.0 | 618.6 | 618.6 |
| 162.5° | 619.6 | 619.6 | 620.1 | 620.6 | 621.2 | 621.7 | 622.4 | 623.1 | 623.8 | 624.6 | 624.5 |
| 165°   | 627.6 | 627.5 | 627.8 | 628.0 | 628.4 | 628.7 | 629.5 | 630.2 | 630.9 | 631.6 | 631.6 |
| 167.5° | 633.6 | 633.4 | 633.6 | 634.0 | 634.3 | 634.5 | 635.3 | 636.0 | 636.8 | 637.5 | 637.4 |
| 170°   | 636.9 | 636.7 | 636.9 | 637.1 | 637.3 | 637.6 | 638.3 | 639.0 | 639.7 | 640.4 | 640.3 |
| 172.5° | 639.2 | 638.9 | 639.2 | 639.4 | 639.5 | 639.8 | 640.5 | 641.2 | 641.9 | 642.7 | 642.6 |
| 175°   | 641.6 | 641.4 | 641.6 | 641.8 | 641.9 | 642.2 | 642.9 | 643.6 | 644.4 | 645.1 | 645.0 |
| 177.5° | 642.7 | 642.4 | 642.5 | 642.6 | 642.7 | 642.7 | 643.4 | 643.9 | 644.5 | 645.1 | 645.0 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5°   | 831.1 | 830.5 | 830.5 | 828.1 | 830.5 | 830.5 | 831.1 | 833.7 | 834.6 | 835.1 | 834.0 |
| 5°     | 771.0 | 769.9 | 768.3 | 769.9 | 768.3 | 769.9 | 771.0 | 775.6 | 777.9 | 780.2 | 782.3 |
| 7.5°   | 711.5 | 707.5 | 706.9 | 702.9 | 706.9 | 707.5 | 711.5 | 713.6 | 718.3 | 723.5 | 728.3 |
| 10°    | 668.1 | 665.4 | 665.0 | 658.7 | 665.0 | 665.4 | 668.1 | 673.7 | 678.3 | 684.7 | 691.3 |
| 12.5°  | 635.0 | 628.6 | 629.9 | 626.2 | 629.9 | 628.6 | 635.0 | 635.1 | 640.5 | 644.4 | 654.9 |
| 15°    | 577.7 | 577.7 | 576.5 | 570.8 | 576.5 | 577.7 | 577.7 | 586.7 | 588.4 | 594.8 | 603.8 |
| 17.5°  | 536.7 | 536.0 | 532.8 | 534.4 | 532.8 | 536.0 | 536.7 | 543.3 | 544.4 | 552.9 | 560.3 |
| 20°    | 512.2 | 510.1 | 506.2 | 506.2 | 506.2 | 510.1 | 512.2 | 515.9 | 520.1 | 525.1 | 531.5 |
| 22.5°  | 489.0 | 488.8 | 484.6 | 486.0 | 484.6 | 488.8 | 489.0 | 492.4 | 496.5 | 502.0 | 507.3 |
| 25°    | 461.9 | 459.2 | 457.3 | 458.3 | 457.3 | 459.2 | 461.9 | 462.3 | 466.9 | 470.6 | 473.9 |
| 27.5°  | 436.2 | 434.7 | 434.6 | 431.9 | 434.6 | 434.7 | 436.2 | 437.0 | 439.7 | 441.8 | 445.0 |
| 30°    | 421.2 | 417.9 | 418.6 | 417.0 | 418.6 | 417.9 | 421.2 | 421.6 | 422.9 | 424.3 | 427.9 |
| 32.5°  | 404.2 | 403.1 | 402.3 | 400.9 | 402.3 | 403.1 | 404.2 | 404.8 | 407.5 | 408.8 | 411.7 |
| 35°    | 380.9 | 381.3 | 379.6 | 380.3 | 379.6 | 381.3 | 380.9 | 381.7 | 382.0 | 383.3 | 385.9 |
| 37.5°  | 360.7 | 361.8 | 361.0 | 361.1 | 361.0 | 361.8 | 360.7 | 361.0 | 361.3 | 361.5 | 362.3 |
| 40°    | 347.3 | 347.3 | 347.3 | 348.3 | 347.3 | 347.3 | 347.3 | 346.3 | 346.7 | 346.3 | 346.3 |
| 42.5°  | 334.6 | 334.0 | 333.5 | 333.4 | 333.5 | 334.0 | 334.6 | 332.3 | 333.3 | 332.3 | 331.7 |
| 45°    | 312.7 | 313.7 | 314.1 | 312.4 | 314.1 | 313.7 | 312.7 | 312.0 | 311.0 | 310.7 | 310.4 |
| 47.5°  | 292.9 | 293.0 | 292.9 | 294.4 | 292.9 | 293.0 | 292.9 | 292.0 | 290.5 | 289.9 | 288.3 |
| 50°    | 279.1 | 278.4 | 279.1 | 278.4 | 279.1 | 278.4 | 279.1 | 277.4 | 276.4 | 274.7 | 273.4 |
| 52.5°  | 264.4 | 264.6 | 264.1 | 264.0 | 264.1 | 264.6 | 264.4 | 262.3 | 261.7 | 261.2 | 259.0 |
| 55°    | 241.5 | 242.1 | 241.7 | 241.7 | 241.7 | 242.1 | 241.5 | 240.1 | 239.8 | 237.7 | 235.8 |
| 57.5°  | 217.7 | 218.3 | 218.7 | 217.2 | 218.7 | 218.3 | 217.7 | 217.5 | 217.2 | 215.2 | 213.0 |
| 60°    | 201.2 | 202.8 | 202.5 | 201.8 | 202.5 | 202.8 | 201.2 | 201.4 | 200.5 | 199.1 | 197.8 |
| 62.5°  | 185.9 | 186.5 | 186.5 | 186.4 | 186.5 | 186.5 | 185.9 | 184.4 | 184.0 | 182.6 | 181.3 |
| 65°    | 162.5 | 163.2 | 162.2 | 163.2 | 162.2 | 163.2 | 162.5 | 161.5 | 159.2 | 158.5 | 157.2 |
| 67.5°  | 137.2 | 137.5 | 138.2 | 138.7 | 138.2 | 137.5 | 137.2 | 137.7 | 136.2 | 134.9 | 134.6 |
| 70°    | 121.5 | 121.2 | 122.3 | 123.2 | 122.3 | 121.2 | 121.5 | 120.9 | 119.8 | 118.9 | 117.5 |
| 72.5°  | 105.0 | 105.8 | 105.4 | 106.2 | 105.4 | 105.8 | 105.0 | 105.1 | 104.2 | 102.9 | 101.6 |
| 75°    | 81.0  | 81.9  | 81.6  | 82.6  | 81.6  | 81.9  | 81.0  | 81.6  | 81.0  | 79.6  | 78.3  |
| 77.5°  | 58.5  | 58.6  | 58.5  | 59.0  | 58.5  | 58.6  | 58.5  | 59.0  | 58.3  | 58.8  | 57.2  |
| 80°    | 44.6  | 44.0  | 43.2  | 44.6  | 43.2  | 44.0  | 44.6  | 44.6  | 43.6  | 44.6  | 43.6  |
| 82.5°  | 31.0  | 31.5  | 30.8  | 30.8  | 30.8  | 31.5  | 31.0  | 31.8  | 31.4  | 31.8  | 30.9  |
| 85°    | 14.4  | 14.0  | 13.3  | 13.3  | 13.3  | 14.0  | 14.4  | 14.4  | 15.3  | 14.6  | 14.6  |
| 87.5°  | 5.1   | 4.8   | 4.9   | 4.6   | 4.9   | 4.8   | 5.1   | 5.0   | 4.9   | 5.4   | 5.3   |
| 90°    | 11.9  | 12.1  | 12.4  | 12.6  | 12.4  | 12.1  | 11.9  | 11.8  | 11.4  | 10.9  | 10.3  |
| 92.5°  | 12.2  | 12.3  | 12.5  | 12.6  | 12.5  | 12.3  | 12.2  | 12.0  | 11.9  | 11.6  | 11.3  |
| 95°    | 20.3  | 20.2  | 20.2  | 20.0  | 20.2  | 20.2  | 20.3  | 20.4  | 20.2  | 19.7  | 19.2  |
| 97.5°  | 26.3  | 26.5  | 26.6  | 26.8  | 26.6  | 26.5  | 26.3  | 26.2  | 25.9  | 25.5  | 25.1  |
| 100°   | 30.6  | 30.8  | 30.9  | 31.2  | 30.9  | 30.8  | 30.6  | 30.3  | 29.9  | 29.0  | 28.2  |
| 102.5° | 32.5  | 32.8  | 33.1  | 33.4  | 33.1  | 32.8  | 32.5  | 32.3  | 31.6  | 30.5  | 29.4  |
| 105°   | 34.2  | 34.5  | 35.0  | 35.4  | 35.0  | 34.5  | 34.2  | 33.7  | 32.9  | 31.8  | 30.7  |
| 107.5° | 35.1  | 35.6  | 35.9  | 36.4  | 35.9  | 35.6  | 35.1  | 34.8  | 35.1  | 36.3  | 37.5  |
| 110°   | 35.5  | 35.9  | 36.4  | 36.7  | 36.4  | 35.9  | 35.5  | 35.1  | 40.0  | 50.4  | 60.7  |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 36.1  | 36.5  | 36.8  | 37.1  | 36.8  | 36.5  | 36.1  | 35.8  | 54.5  | 92.2  | 129.9 |
| 115°   | 60.5  | 53.1  | 45.6  | 38.2  | 45.6  | 53.1  | 60.5  | 67.9  | 95.6  | 143.5 | 191.4 |
| 117.5° | 229.2 | 204.7 | 180.3 | 155.8 | 180.3 | 204.7 | 229.2 | 253.7 | 271.7 | 283.3 | 294.9 |
| 120°   | 325.7 | 311.8 | 297.8 | 283.8 | 297.8 | 311.8 | 325.7 | 339.7 | 346.1 | 344.8 | 343.6 |
| 122.5° | 362.4 | 359.6 | 357.0 | 354.2 | 357.0 | 359.6 | 362.4 | 365.1 | 366.0 | 365.3 | 364.5 |
| 125°   | 397.0 | 397.3 | 397.6 | 397.9 | 397.6 | 397.3 | 397.0 | 396.6 | 396.1 | 395.4 | 394.7 |
| 127.5° | 425.3 | 425.3 | 425.3 | 425.4 | 425.3 | 425.3 | 425.3 | 425.2 | 424.6 | 423.6 | 422.5 |
| 130°   | 442.8 | 442.7 | 442.6 | 442.6 | 442.6 | 442.7 | 442.8 | 443.0 | 442.5 | 441.3 | 440.1 |
| 132.5° | 459.6 | 459.5 | 459.4 | 459.3 | 459.4 | 459.5 | 459.6 | 459.7 | 459.3 | 458.3 | 457.4 |
| 135°   | 484.1 | 483.9 | 483.8 | 483.5 | 483.8 | 483.9 | 484.1 | 484.4 | 483.9 | 482.9 | 481.9 |
| 137.5° | 506.6 | 506.2 | 506.0 | 505.6 | 506.0 | 506.2 | 506.6 | 506.9 | 506.7 | 505.6 | 504.6 |
| 140°   | 520.8 | 520.4 | 519.9 | 519.3 | 519.9 | 520.4 | 520.8 | 521.4 | 521.2 | 520.2 | 519.3 |
| 142.5° | 534.3 | 533.8 | 533.2 | 532.7 | 533.2 | 533.8 | 534.3 | 534.8 | 534.7 | 533.8 | 533.0 |
| 145°   | 553.0 | 552.5 | 552.0 | 551.4 | 552.0 | 552.5 | 553.0 | 553.5 | 553.4 | 552.7 | 552.0 |
| 147.5° | 569.3 | 568.8 | 568.4 | 567.9 | 568.4 | 568.8 | 569.3 | 569.6 | 569.6 | 569.1 | 568.6 |
| 150°   | 579.5 | 579.0 | 578.5 | 578.0 | 578.5 | 579.0 | 579.5 | 580.1 | 580.0 | 579.3 | 578.7 |
| 152.5° | 588.6 | 587.9 | 587.2 | 586.6 | 587.2 | 587.9 | 588.6 | 589.2 | 589.3 | 588.7 | 588.1 |
| 155°   | 600.9 | 600.1 | 599.3 | 598.4 | 599.3 | 600.1 | 600.9 | 601.7 | 601.9 | 601.3 | 600.7 |
| 157.5° | 611.7 | 610.9 | 610.1 | 609.3 | 610.1 | 610.9 | 611.7 | 612.6 | 612.6 | 611.9 | 611.2 |
| 160°   | 617.9 | 617.2 | 616.4 | 615.6 | 616.4 | 617.2 | 617.9 | 618.6 | 618.6 | 618.0 | 617.3 |
| 162.5° | 623.6 | 622.7 | 621.8 | 620.9 | 621.8 | 622.7 | 623.6 | 624.5 | 624.6 | 623.8 | 623.1 |
| 165°   | 630.9 | 630.2 | 629.5 | 628.7 | 629.5 | 630.2 | 630.9 | 631.6 | 631.6 | 630.9 | 630.2 |
| 167.5° | 636.4 | 635.5 | 634.5 | 633.6 | 634.5 | 635.5 | 636.4 | 637.4 | 637.5 | 636.8 | 636.0 |
| 170°   | 639.4 | 638.5 | 637.6 | 636.6 | 637.6 | 638.5 | 639.4 | 640.3 | 640.4 | 639.7 | 639.0 |
| 172.5° | 641.7 | 640.7 | 639.8 | 638.8 | 639.8 | 640.7 | 641.7 | 642.6 | 642.7 | 641.9 | 641.2 |
| 175°   | 643.9 | 642.8 | 641.9 | 640.8 | 641.9 | 642.8 | 643.9 | 645.0 | 645.1 | 644.4 | 643.6 |
| 177.5° | 644.3 | 643.5 | 642.7 | 642.0 | 642.7 | 643.5 | 644.3 | 645.0 | 645.1 | 644.5 | 643.9 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5°   | 832.7 | 835.6 | 840.2 | 844.9 | 847.8 | 853.5 | 855.1 | 857.7 | 860.1 | 865.7 | 871.6 |
| 5°     | 784.6 | 789.3 | 800.2 | 806.2 | 814.6 | 824.2 | 830.5 | 837.2 | 844.5 | 857.2 | 868.9 |
| 7.5°   | 733.1 | 740.8 | 754.5 | 765.7 | 777.6 | 791.4 | 801.4 | 814.6 | 825.5 | 843.3 | 860.4 |
| 10°    | 698.7 | 709.6 | 722.0 | 735.3 | 752.0 | 766.6 | 780.6 | 797.3 | 810.6 | 831.9 | 851.9 |
| 12.5°  | 667.8 | 669.4 | 687.1 | 701.8 | 724.5 | 742.6 | 758.8 | 780.2 | 793.3 | 818.6 | 839.6 |
| 15°    | 613.8 | 623.8 | 639.7 | 651.4 | 678.3 | 701.3 | 724.0 | 746.3 | 761.3 | 792.6 | 820.2 |
| 17.5°  | 568.3 | 577.5 | 593.9 | 613.0 | 632.3 | 655.1 | 684.5 | 708.0 | 728.3 | 764.1 | 796.8 |
| 20°    | 539.5 | 550.8 | 567.5 | 587.1 | 604.1 | 629.1 | 654.3 | 681.4 | 703.3 | 743.6 | 781.9 |
| 22.5°  | 515.0 | 523.9 | 537.3 | 556.7 | 575.3 | 598.2 | 625.9 | 655.2 | 678.3 | 721.8 | 760.6 |
| 25°    | 480.5 | 487.9 | 496.5 | 512.6 | 533.5 | 558.5 | 580.1 | 612.4 | 646.0 | 686.7 | 733.6 |
| 27.5°  | 449.5 | 454.7 | 462.4 | 476.4 | 492.7 | 516.0 | 540.1 | 570.7 | 604.6 | 648.6 | 698.2 |
| 30°    | 430.6 | 433.9 | 441.6 | 453.3 | 469.2 | 487.5 | 511.8 | 541.2 | 575.8 | 620.5 | 669.7 |
| 32.5°  | 414.1 | 417.1 | 422.1 | 433.3 | 447.1 | 462.8 | 484.6 | 514.0 | 547.0 | 590.8 | 645.4 |
| 35°    | 389.3 | 391.6 | 395.9 | 404.9 | 412.6 | 427.9 | 446.2 | 472.9 | 503.8 | 545.8 | 602.4 |
| 37.5°  | 364.6 | 367.7 | 370.4 | 374.3 | 384.1 | 394.1 | 410.1 | 432.6 | 463.0 | 505.3 | 559.3 |
| 40°    | 348.3 | 351.0 | 355.0 | 356.7 | 364.6 | 373.6 | 386.6 | 407.2 | 437.9 | 476.5 | 529.1 |
| 42.5°  | 331.8 | 334.5 | 336.9 | 338.9 | 345.7 | 353.7 | 365.3 | 383.1 | 410.2 | 447.8 | 499.9 |
| 45°    | 309.3 | 309.7 | 312.0 | 315.7 | 319.1 | 324.7 | 333.1 | 348.3 | 369.3 | 404.7 | 451.9 |
| 47.5°  | 286.6 | 287.0 | 287.4 | 289.0 | 292.7 | 297.7 | 303.3 | 315.8 | 334.6 | 362.7 | 408.8 |
| 50°    | 271.4 | 270.7 | 271.4 | 272.8 | 275.1 | 279.4 | 285.7 | 294.7 | 310.0 | 336.4 | 378.6 |
| 52.5°  | 256.7 | 256.6 | 256.2 | 256.7 | 258.6 | 261.5 | 266.0 | 273.7 | 287.4 | 311.6 | 348.8 |
| 55°    | 234.4 | 232.7 | 233.1 | 231.8 | 234.8 | 235.4 | 238.8 | 245.1 | 257.1 | 273.8 | 308.7 |
| 57.5°  | 210.6 | 209.3 | 207.8 | 207.4 | 207.1 | 208.9 | 211.6 | 216.6 | 225.8 | 240.4 | 268.8 |
| 60°    | 195.5 | 193.9 | 191.8 | 191.2 | 191.2 | 192.2 | 193.5 | 197.2 | 205.8 | 218.8 | 242.1 |
| 62.5°  | 180.0 | 178.1 | 176.9 | 175.1 | 174.6 | 175.7 | 177.0 | 179.6 | 185.8 | 198.0 | 218.1 |
| 65°    | 156.2 | 153.8 | 152.2 | 151.9 | 151.2 | 150.2 | 150.9 | 153.6 | 158.5 | 168.2 | 184.1 |
| 67.5°  | 132.2 | 130.1 | 129.7 | 127.8 | 126.8 | 127.0 | 126.8 | 129.1 | 132.1 | 140.4 | 152.3 |
| 70°    | 116.5 | 114.9 | 114.2 | 112.5 | 111.9 | 111.2 | 110.6 | 112.5 | 115.6 | 122.5 | 132.9 |
| 72.5°  | 100.6 | 99.2  | 97.7  | 96.3  | 96.5  | 95.8  | 95.7  | 96.8  | 99.3  | 105.8 | 113.7 |
| 75°    | 77.6  | 77.9  | 76.2  | 74.6  | 74.3  | 73.6  | 73.6  | 74.6  | 75.6  | 80.6  | 86.9  |
| 77.5°  | 56.3  | 56.0  | 54.6  | 54.0  | 53.8  | 53.1  | 53.8  | 54.4  | 54.9  | 58.3  | 63.0  |
| 80°    | 43.0  | 43.0  | 41.3  | 41.3  | 40.9  | 39.9  | 40.9  | 40.3  | 41.6  | 44.9  | 48.3  |
| 82.5°  | 30.7  | 30.1  | 30.1  | 29.6  | 29.5  | 28.8  | 29.2  | 29.9  | 30.4  | 32.7  | 34.7  |
| 85°    | 15.0  | 15.0  | 14.6  | 14.4  | 14.6  | 14.4  | 14.6  | 15.0  | 15.3  | 16.3  | 18.0  |
| 87.5°  | 5.2   | 5.4   | 5.4   | 5.5   | 5.4   | 5.4   | 5.5   | 5.5   | 5.9   | 5.9   | 6.0   |
| 90°    | 9.8   | 9.3   | 8.5   | 7.7   | 6.9   | 6.0   | 5.0   | 3.8   | 2.8   | 1.6   | 0.4   |
| 92.5°  | 11.1  | 10.8  | 10.3  | 10.0  | 9.5   | 9.2   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   |
| 95°    | 18.6  | 18.2  | 17.4  | 16.7  | 16.0  | 15.2  | 16.6  | 20.0  | 23.5  | 26.8  | 30.2  |
| 97.5°  | 24.7  | 24.3  | 22.6  | 21.0  | 19.3  | 17.6  | 21.6  | 31.2  | 40.8  | 50.4  | 60.0  |
| 100°   | 27.4  | 26.5  | 24.8  | 23.0  | 21.2  | 19.5  | 25.7  | 39.9  | 54.0  | 68.2  | 82.4  |
| 102.5° | 28.4  | 27.3  | 42.0  | 56.7  | 71.4  | 86.1  | 95.0  | 97.9  | 100.9 | 104.0 | 106.9 |
| 105°   | 29.5  | 28.4  | 56.6  | 84.9  | 113.1 | 141.3 | 153.9 | 150.8 | 147.7 | 144.5 | 141.4 |
| 107.5° | 38.6  | 39.8  | 73.6  | 107.5 | 141.3 | 175.1 | 190.8 | 188.3 | 185.8 | 183.3 | 180.8 |
| 110°   | 71.1  | 81.4  | 111.3 | 141.2 | 171.1 | 201.0 | 214.8 | 212.7 | 210.5 | 208.3 | 206.2 |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 167.6 | 205.5 | 212.8 | 220.2 | 227.6 | 235.0 | 237.6 | 235.8 | 233.8 | 231.9 | 230.0 |
| 115°   | 239.2 | 287.1 | 284.5 | 282.0 | 279.4 | 276.8 | 274.6 | 272.9 | 271.1 | 269.3 | 267.6 |
| 117.5° | 306.5 | 318.0 | 316.3 | 314.5 | 312.7 | 310.9 | 309.1 | 307.1 | 305.1 | 303.2 | 301.2 |
| 120°   | 342.3 | 341.1 | 339.2 | 337.4 | 335.6 | 333.7 | 332.0 | 330.4 | 328.9 | 327.3 | 325.7 |
| 122.5° | 363.8 | 363.1 | 361.1 | 359.0 | 357.0 | 355.0 | 353.1 | 351.5 | 349.9 | 348.2 | 346.6 |
| 125°   | 394.0 | 393.2 | 391.3 | 389.3 | 387.4 | 385.4 | 383.7 | 382.4 | 381.0 | 379.7 | 378.4 |
| 127.5° | 421.4 | 420.4 | 418.9 | 417.5 | 416.0 | 414.6 | 413.0 | 411.5 | 410.1 | 408.6 | 407.1 |
| 130°   | 439.1 | 437.9 | 436.8 | 435.6 | 434.5 | 433.4 | 431.9 | 430.3 | 428.6 | 427.0 | 425.3 |
| 132.5° | 456.4 | 455.4 | 454.2 | 453.2 | 452.0 | 450.8 | 449.6 | 448.2 | 446.7 | 445.3 | 444.0 |
| 135°   | 480.8 | 479.7 | 478.8 | 478.0 | 477.0 | 476.1 | 474.7 | 473.1 | 471.4 | 469.8 | 468.1 |
| 137.5° | 503.6 | 502.6 | 501.5 | 500.5 | 499.4 | 498.4 | 497.2 | 496.1 | 494.9 | 493.7 | 492.7 |
| 140°   | 518.4 | 517.5 | 516.3 | 515.2 | 514.1 | 512.9 | 511.9 | 511.1 | 510.3 | 509.4 | 508.6 |
| 142.5° | 532.1 | 531.3 | 529.9 | 528.6 | 527.4 | 526.0 | 525.0 | 524.2 | 523.5 | 522.8 | 522.0 |
| 145°   | 551.3 | 550.5 | 548.8 | 547.0 | 545.3 | 543.5 | 542.7 | 542.8 | 542.9 | 543.0 | 543.1 |
| 147.5° | 568.0 | 567.5 | 565.7 | 564.0 | 562.2 | 560.5 | 559.8 | 560.3 | 560.6 | 561.0 | 561.4 |
| 150°   | 578.1 | 577.5 | 575.9 | 574.2 | 572.6 | 570.9 | 570.4 | 571.1 | 571.9 | 572.6 | 573.3 |
| 152.5° | 587.5 | 586.8 | 585.2 | 583.7 | 582.1 | 580.5 | 580.1 | 580.9 | 581.8 | 582.6 | 583.4 |
| 155°   | 600.0 | 599.4 | 598.2 | 596.9 | 595.7 | 594.4 | 594.2 | 595.2 | 596.1 | 597.1 | 598.0 |
| 157.5° | 610.5 | 609.8 | 608.9 | 608.1 | 607.2 | 606.4 | 606.3 | 607.1 | 607.9 | 608.7 | 609.4 |
| 160°   | 616.8 | 616.2 | 615.5 | 614.9 | 614.3 | 613.7 | 613.7 | 614.3 | 614.9 | 615.5 | 616.2 |
| 162.5° | 622.4 | 621.7 | 621.2 | 620.6 | 620.1 | 619.6 | 619.6 | 620.2 | 620.8 | 621.4 | 622.1 |
| 165°   | 629.5 | 628.7 | 628.4 | 628.0 | 627.8 | 627.5 | 627.6 | 628.2 | 628.8 | 629.5 | 630.1 |
| 167.5° | 635.3 | 634.5 | 634.3 | 634.0 | 633.6 | 633.4 | 633.6 | 634.2 | 634.8 | 635.4 | 636.1 |
| 170°   | 638.3 | 637.6 | 637.3 | 637.1 | 636.9 | 636.7 | 636.9 | 637.6 | 638.2 | 638.8 | 639.4 |
| 172.5° | 640.5 | 639.8 | 639.5 | 639.4 | 639.2 | 638.9 | 639.2 | 639.8 | 640.4 | 641.1 | 641.7 |
| 175°   | 642.9 | 642.2 | 641.9 | 641.8 | 641.6 | 641.4 | 641.6 | 642.4 | 643.1 | 643.8 | 644.5 |
| 177.5° | 643.4 | 642.7 | 642.7 | 642.6 | 642.5 | 642.4 | 642.7 | 643.3 | 643.8 | 644.4 | 645.0 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  |
| 2.5°   | 871.0 | 872.4 | 876.6 | 880.9 | 885.6 | 887.0  | 889.1  | 887.3  | 886.7  | 891.8  | 895.5  |
| 5°     | 873.5 | 879.5 | 891.2 | 901.8 | 910.8 | 917.1  | 923.8  | 926.5  | 931.5  | 938.4  | 947.1  |
| 7.5°   | 870.7 | 882.3 | 900.7 | 916.2 | 933.1 | 945.3  | 954.8  | 963.0  | 972.8  | 986.1  | 1000.5 |
| 10°    | 867.5 | 883.2 | 905.4 | 924.4 | 945.1 | 960.7  | 973.7  | 986.4  | 1001.0 | 1019.4 | 1038.3 |
| 12.5°  | 861.7 | 880.2 | 908.1 | 930.6 | 957.1 | 972.5  | 990.0  | 1017.3 | 1033.0 | 1058.5 | 1085.2 |
| 15°    | 849.9 | 870.5 | 909.5 | 937.1 | 967.1 | 996.4  | 1028.7 | 1054.6 | 1080.7 | 1095.6 | 1133.3 |
| 17.5°  | 832.3 | 862.6 | 905.8 | 938.1 | 976.2 | 1022.3 | 1058.5 | 1088.1 | 1118.0 | 1142.3 | 1161.2 |
| 20°    | 818.2 | 851.2 | 900.4 | 939.1 | 984.4 | 1034.0 | 1075.7 | 1105.6 | 1131.6 | 1151.9 | 1163.6 |
| 22.5°  | 800.4 | 841.9 | 889.8 | 935.1 | 992.9 | 1042.1 | 1085.7 | 1109.4 | 1131.0 | 1140.9 | 1145.4 |
| 25°    | 772.2 | 822.2 | 876.5 | 931.7 | 997.0 | 1049.0 | 1089.0 | 1103.3 | 1109.6 | 1099.9 | 1084.0 |
| 27.5°  | 742.0 | 797.6 | 861.1 | 925.5 | 994.5 | 1044.5 | 1073.1 | 1070.9 | 1060.2 | 1028.9 | 1003.9 |
| 30°    | 719.3 | 780.6 | 848.8 | 919.1 | 988.4 | 1037.0 | 1053.6 | 1037.0 | 1012.7 | 977.8  | 942.1  |
| 32.5°  | 695.6 | 759.0 | 835.8 | 910.1 | 977.2 | 1019.9 | 1023.6 | 994.9  | 957.3  | 917.6  | 873.1  |
| 35°    | 659.7 | 728.3 | 811.2 | 889.8 | 953.4 | 980.4  | 964.4  | 913.8  | 869.2  | 814.9  | 754.3  |
| 37.5°  | 619.1 | 694.9 | 778.0 | 860.1 | 917.8 | 924.9  | 885.2  | 831.9  | 768.9  | 705.2  | 633.8  |
| 40°    | 588.8 | 669.1 | 754.7 | 837.5 | 888.5 | 881.2  | 830.5  | 772.0  | 697.0  | 619.1  | 552.8  |
| 42.5°  | 561.6 | 641.9 | 729.1 | 810.4 | 851.2 | 831.1  | 772.0  | 700.0  | 619.5  | 546.1  | 485.4  |
| 45°    | 514.5 | 597.1 | 686.3 | 764.9 | 788.3 | 752.0  | 673.7  | 593.8  | 514.5  | 453.3  | 405.3  |
| 47.5°  | 468.9 | 550.5 | 638.8 | 707.9 | 716.2 | 667.4  | 581.8  | 499.6  | 431.5  | 381.6  | 347.8  |
| 50°    | 435.2 | 517.2 | 604.8 | 666.4 | 663.7 | 604.8  | 516.8  | 438.5  | 381.7  | 341.3  | 318.7  |
| 52.5°  | 405.1 | 482.5 | 566.7 | 622.7 | 608.6 | 544.3  | 460.4  | 390.9  | 344.1  | 312.5  | 292.0  |
| 55°    | 358.3 | 429.9 | 509.9 | 554.8 | 528.9 | 457.5  | 386.6  | 330.6  | 296.0  | 272.4  | 256.5  |
| 57.5°  | 311.8 | 379.0 | 447.4 | 475.1 | 446.4 | 380.6  | 321.5  | 280.9  | 254.9  | 237.3  | 226.9  |
| 60°    | 283.0 | 341.7 | 402.6 | 426.6 | 392.3 | 333.7  | 287.0  | 250.7  | 229.8  | 215.4  | 206.2  |
| 62.5°  | 254.3 | 306.7 | 364.3 | 377.3 | 345.9 | 296.4  | 255.1  | 224.9  | 207.7  | 194.9  | 186.2  |
| 65°    | 215.2 | 258.1 | 301.8 | 310.4 | 281.4 | 243.1  | 210.4  | 190.8  | 175.5  | 166.2  | 159.2  |
| 67.5°  | 176.5 | 210.9 | 241.8 | 248.8 | 223.5 | 196.9  | 173.3  | 156.2  | 145.8  | 138.0  | 132.2  |
| 70°    | 153.6 | 180.8 | 206.2 | 211.8 | 191.5 | 167.8  | 149.9  | 136.2  | 126.9  | 120.2  | 114.6  |
| 72.5°  | 129.3 | 152.0 | 173.1 | 176.9 | 160.3 | 142.2  | 127.5  | 116.7  | 108.5  | 104.2  | 98.8   |
| 75°    | 98.9  | 112.3 | 128.6 | 129.6 | 118.6 | 107.5  | 96.2   | 89.3   | 84.9   | 79.6   | 77.0   |
| 77.5°  | 69.8  | 80.3  | 89.6  | 91.4  | 84.9  | 77.4   | 71.1   | 65.5   | 61.9   | 59.4   | 57.0   |
| 80°    | 53.3  | 61.6  | 65.6  | 67.9  | 63.3  | 58.0   | 54.3   | 50.6   | 48.3   | 46.6   | 44.9   |
| 82.5°  | 38.1  | 43.2  | 47.0  | 48.8  | 46.2  | 43.1   | 39.3   | 37.3   | 35.5   | 34.1   | 33.5   |
| 85°    | 19.4  | 21.7  | 24.0  | 24.6  | 24.0  | 22.6   | 20.7   | 20.7   | 19.6   | 19.4   | 19.4   |
| 87.5°  | 7.0   | 8.3   | 8.5   | 9.5   | 9.2   | 9.4    | 9.5    | 9.5    | 9.4    | 9.2    | 9.0    |
| 90°    | 1.6   | 2.8   | 3.8   | 5.0   | 6.0   | 6.9    | 7.7    | 8.5    | 9.3    | 9.8    | 10.3   |
| 92.5°  | 9.3   | 9.2   | 9.1   | 9.0   | 9.2   | 9.5    | 10.0   | 10.3   | 10.8   | 11.1   | 11.3   |
| 95°    | 26.8  | 23.5  | 20.0  | 16.6  | 15.2  | 16.0   | 16.7   | 17.4   | 18.2   | 18.6   | 19.2   |
| 97.5°  | 50.4  | 40.8  | 31.2  | 21.6  | 17.6  | 19.3   | 21.0   | 22.6   | 24.3   | 24.7   | 25.1   |
| 100°   | 68.2  | 54.0  | 39.9  | 25.7  | 19.5  | 21.2   | 23.0   | 24.8   | 26.5   | 27.4   | 28.2   |
| 102.5° | 104.0 | 100.9 | 97.9  | 95.0  | 86.1  | 71.4   | 56.7   | 42.0   | 27.3   | 28.4   | 29.4   |
| 105°   | 144.5 | 147.7 | 150.8 | 153.9 | 141.3 | 113.1  | 84.9   | 56.6   | 28.4   | 29.5   | 30.7   |
| 107.5° | 183.3 | 185.8 | 188.3 | 190.8 | 175.1 | 141.3  | 107.5  | 73.6   | 39.8   | 38.6   | 37.5   |
| 110°   | 208.3 | 210.5 | 212.7 | 214.8 | 201.0 | 171.1  | 141.2  | 111.3  | 81.4   | 71.1   | 60.7   |





TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 231.9 | 233.8 | 235.8 | 237.6 | 235.0 | 227.6 | 220.2 | 212.8 | 205.5 | 167.6 | 129.9 |
| 115°   | 269.3 | 271.1 | 272.9 | 274.6 | 276.8 | 279.4 | 282.0 | 284.5 | 287.1 | 239.2 | 191.4 |
| 117.5° | 303.2 | 305.1 | 307.1 | 309.1 | 310.9 | 312.7 | 314.5 | 316.3 | 318.0 | 306.5 | 294.9 |
| 120°   | 327.3 | 328.9 | 330.4 | 332.0 | 333.7 | 335.6 | 337.4 | 339.2 | 341.1 | 342.3 | 343.6 |
| 122.5° | 348.2 | 349.9 | 351.5 | 353.1 | 355.0 | 357.0 | 359.0 | 361.1 | 363.1 | 363.8 | 364.5 |
| 125°   | 379.7 | 381.0 | 382.4 | 383.7 | 385.4 | 387.4 | 389.3 | 391.3 | 393.2 | 394.0 | 394.7 |
| 127.5° | 408.6 | 410.1 | 411.5 | 413.0 | 414.6 | 416.0 | 417.5 | 418.9 | 420.4 | 421.4 | 422.5 |
| 130°   | 427.0 | 428.6 | 430.3 | 431.9 | 433.4 | 434.5 | 435.6 | 436.8 | 437.9 | 439.1 | 440.1 |
| 132.5° | 445.3 | 446.7 | 448.2 | 449.6 | 450.8 | 452.0 | 453.2 | 454.2 | 455.4 | 456.4 | 457.4 |
| 135°   | 469.8 | 471.4 | 473.1 | 474.7 | 476.1 | 477.0 | 478.0 | 478.8 | 479.7 | 480.8 | 481.9 |
| 137.5° | 493.7 | 494.9 | 496.1 | 497.2 | 498.4 | 499.4 | 500.5 | 501.5 | 502.6 | 503.6 | 504.6 |
| 140°   | 509.4 | 510.3 | 511.1 | 511.9 | 512.9 | 514.1 | 515.2 | 516.3 | 517.5 | 518.4 | 519.3 |
| 142.5° | 522.8 | 523.5 | 524.2 | 525.0 | 526.0 | 527.4 | 528.6 | 529.9 | 531.3 | 532.1 | 533.0 |
| 145°   | 543.0 | 542.9 | 542.8 | 542.7 | 543.5 | 545.3 | 547.0 | 548.8 | 550.5 | 551.3 | 552.0 |
| 147.5° | 561.0 | 560.6 | 560.3 | 559.8 | 560.5 | 562.2 | 564.0 | 565.7 | 567.5 | 568.0 | 568.6 |
| 150°   | 572.6 | 571.9 | 571.1 | 570.4 | 570.9 | 572.6 | 574.2 | 575.9 | 577.5 | 578.1 | 578.7 |
| 152.5° | 582.6 | 581.8 | 580.9 | 580.1 | 580.5 | 582.1 | 583.7 | 585.2 | 586.8 | 587.5 | 588.1 |
| 155°   | 597.1 | 596.1 | 595.2 | 594.2 | 594.4 | 595.7 | 596.9 | 598.2 | 599.4 | 600.0 | 600.7 |
| 157.5° | 608.7 | 607.9 | 607.1 | 606.3 | 606.4 | 607.2 | 608.1 | 608.9 | 609.8 | 610.5 | 611.2 |
| 160°   | 615.5 | 614.9 | 614.3 | 613.7 | 613.7 | 614.3 | 614.9 | 615.5 | 616.2 | 616.8 | 617.3 |
| 162.5° | 621.4 | 620.8 | 620.2 | 619.6 | 619.6 | 620.1 | 620.6 | 621.2 | 621.7 | 622.4 | 623.1 |
| 165°   | 629.5 | 628.8 | 628.2 | 627.6 | 627.5 | 627.8 | 628.0 | 628.4 | 628.7 | 629.5 | 630.2 |
| 167.5° | 635.4 | 634.8 | 634.2 | 633.6 | 633.4 | 633.6 | 634.0 | 634.3 | 634.5 | 635.3 | 636.0 |
| 170°   | 638.8 | 638.2 | 637.6 | 636.9 | 636.7 | 636.9 | 637.1 | 637.3 | 637.6 | 638.3 | 639.0 |
| 172.5° | 641.1 | 640.4 | 639.8 | 639.2 | 638.9 | 639.2 | 639.4 | 639.5 | 639.8 | 640.5 | 641.2 |
| 175°   | 643.8 | 643.1 | 642.4 | 641.6 | 641.4 | 641.6 | 641.8 | 641.9 | 642.2 | 642.9 | 643.6 |
| 177.5° | 644.4 | 643.8 | 643.3 | 642.7 | 642.4 | 642.5 | 642.6 | 642.7 | 642.7 | 643.4 | 643.9 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |



TEST NUMBER: P331294-940  
 CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  | 866.5  |
| 2.5°   | 898.8  | 902.5  | 902.5  | 903.0  | 907.2  | 906.8  | 906.5  |
| 5°     | 956.4  | 962.1  | 962.8  | 968.8  | 972.8  | 971.4  | 967.8  |
| 7.5°   | 1010.8 | 1021.4 | 1029.4 | 1033.8 | 1039.1 | 1042.3 | 1040.9 |
| 10°    | 1054.0 | 1069.3 | 1078.6 | 1084.9 | 1092.6 | 1098.3 | 1096.3 |
| 12.5°  | 1093.1 | 1111.4 | 1124.2 | 1135.1 | 1136.0 | 1143.4 | 1138.4 |
| 15°    | 1154.2 | 1173.6 | 1175.5 | 1183.6 | 1189.9 | 1189.2 | 1189.5 |
| 17.5°  | 1174.4 | 1180.6 | 1181.9 | 1182.1 | 1182.1 | 1179.8 | 1174.7 |
| 20°    | 1167.2 | 1164.9 | 1159.2 | 1154.9 | 1147.3 | 1146.2 | 1139.6 |
| 22.5°  | 1133.1 | 1125.7 | 1111.5 | 1102.2 | 1090.2 | 1087.1 | 1085.2 |
| 25°    | 1066.0 | 1049.6 | 1027.0 | 1005.4 | 999.3  | 987.7  | 991.0  |
| 27.5°  | 973.8  | 948.4  | 923.9  | 906.3  | 890.5  | 873.0  | 878.0  |
| 30°    | 909.1  | 880.5  | 845.9  | 819.2  | 802.3  | 785.6  | 782.6  |
| 32.5°  | 831.9  | 789.9  | 751.3  | 727.8  | 701.8  | 691.3  | 679.8  |
| 35°    | 698.7  | 657.7  | 619.4  | 586.5  | 567.5  | 552.8  | 539.5  |
| 37.5°  | 578.8  | 531.7  | 500.8  | 474.1  | 460.4  | 452.0  | 454.1  |
| 40°    | 504.5  | 463.2  | 440.6  | 420.3  | 407.6  | 401.6  | 403.0  |
| 42.5°  | 444.3  | 413.4  | 394.8  | 380.8  | 371.9  | 368.5  | 367.7  |
| 45°    | 375.9  | 358.6  | 343.3  | 335.4  | 331.0  | 327.3  | 325.0  |
| 47.5°  | 329.4  | 315.2  | 306.6  | 301.8  | 298.0  | 294.4  | 294.3  |
| 50°    | 301.4  | 292.0  | 286.1  | 281.1  | 278.0  | 275.4  | 277.8  |
| 52.5°  | 280.1  | 271.5  | 265.6  | 261.1  | 259.9  | 257.5  | 257.5  |
| 55°    | 248.4  | 241.7  | 237.5  | 233.4  | 231.5  | 230.2  | 228.5  |
| 57.5°  | 219.6  | 213.3  | 209.4  | 206.8  | 203.0  | 201.7  | 201.2  |
| 60°    | 199.1  | 194.1  | 190.1  | 186.8  | 185.1  | 182.5  | 182.5  |
| 62.5°  | 180.2  | 175.2  | 171.5  | 169.0  | 166.2  | 165.1  | 165.4  |
| 65°    | 152.8  | 148.8  | 145.2  | 142.5  | 141.9  | 139.9  | 140.5  |
| 67.5°  | 127.7  | 125.0  | 121.2  | 119.7  | 118.4  | 117.3  | 116.5  |
| 70°    | 110.9  | 108.3  | 106.2  | 104.2  | 103.3  | 103.3  | 103.3  |
| 72.5°  | 96.8   | 93.5   | 92.4   | 89.9   | 90.4   | 89.3   | 88.3   |
| 75°    | 74.9   | 72.9   | 72.0   | 70.9   | 69.3   | 69.3   | 69.3   |
| 77.5°  | 55.1   | 54.6   | 53.3   | 52.3   | 51.9   | 51.5   | 51.7   |
| 80°    | 42.6   | 42.3   | 41.6   | 41.6   | 40.9   | 40.7   | 39.9   |
| 82.5°  | 32.7   | 31.9   | 31.5   | 31.2   | 31.1   | 31.0   | 30.9   |
| 85°    | 18.6   | 18.0   | 18.0   | 18.3   | 17.7   | 17.7   | 18.0   |
| 87.5°  | 9.4    | 9.5    | 9.3    | 9.3    | 9.6    | 9.4    | 9.5    |
| 90°    | 10.9   | 11.4   | 11.8   | 11.9   | 12.1   | 12.4   | 12.6   |
| 92.5°  | 11.6   | 11.9   | 12.0   | 12.2   | 12.3   | 12.5   | 12.6   |
| 95°    | 19.7   | 20.2   | 20.4   | 20.3   | 20.2   | 20.2   | 20.0   |
| 97.5°  | 25.5   | 25.9   | 26.2   | 26.3   | 26.5   | 26.6   | 26.8   |
| 100°   | 29.0   | 29.9   | 30.3   | 30.6   | 30.8   | 30.9   | 31.2   |
| 102.5° | 30.5   | 31.6   | 32.3   | 32.5   | 32.8   | 33.1   | 33.4   |
| 105°   | 31.8   | 32.9   | 33.7   | 34.2   | 34.5   | 35.0   | 35.4   |
| 107.5° | 36.3   | 35.1   | 34.8   | 35.1   | 35.6   | 35.9   | 36.4   |
| 110°   | 50.4   | 40.0   | 35.1   | 35.5   | 35.9   | 36.4   | 36.7   |



TEST NUMBER: P331294-940

CATALOG NUMBER: SA2XXDIP-C485D530U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 92.2  | 54.5  | 35.8  | 36.1  | 36.5  | 36.8  | 37.1  |
| 115°   | 143.5 | 95.6  | 67.9  | 60.5  | 53.1  | 45.6  | 38.2  |
| 117.5° | 283.3 | 271.7 | 253.7 | 229.2 | 204.7 | 180.3 | 155.8 |
| 120°   | 344.8 | 346.1 | 339.7 | 325.7 | 311.8 | 297.8 | 283.8 |
| 122.5° | 365.3 | 366.0 | 365.1 | 362.4 | 359.6 | 357.0 | 354.2 |
| 125°   | 395.4 | 396.1 | 396.6 | 397.0 | 397.3 | 397.6 | 397.9 |
| 127.5° | 423.6 | 424.6 | 425.2 | 425.3 | 425.3 | 425.3 | 425.4 |
| 130°   | 441.3 | 442.5 | 443.0 | 442.8 | 442.7 | 442.6 | 442.6 |
| 132.5° | 458.3 | 459.3 | 459.7 | 459.6 | 459.5 | 459.4 | 459.3 |
| 135°   | 482.9 | 483.9 | 484.4 | 484.1 | 483.9 | 483.8 | 483.5 |
| 137.5° | 505.6 | 506.7 | 506.9 | 506.6 | 506.2 | 506.0 | 505.6 |
| 140°   | 520.2 | 521.2 | 521.4 | 520.8 | 520.4 | 519.9 | 519.3 |
| 142.5° | 533.8 | 534.7 | 534.8 | 534.3 | 533.8 | 533.2 | 532.7 |
| 145°   | 552.7 | 553.4 | 553.5 | 553.0 | 552.5 | 552.0 | 551.4 |
| 147.5° | 569.1 | 569.6 | 569.6 | 569.3 | 568.8 | 568.4 | 567.9 |
| 150°   | 579.3 | 580.0 | 580.1 | 579.5 | 579.0 | 578.5 | 578.0 |
| 152.5° | 588.7 | 589.3 | 589.2 | 588.6 | 587.9 | 587.2 | 586.6 |
| 155°   | 601.3 | 601.9 | 601.7 | 600.9 | 600.1 | 599.3 | 598.4 |
| 157.5° | 611.9 | 612.6 | 612.6 | 611.7 | 610.9 | 610.1 | 609.3 |
| 160°   | 618.0 | 618.6 | 618.6 | 617.9 | 617.2 | 616.4 | 615.6 |
| 162.5° | 623.8 | 624.6 | 624.5 | 623.6 | 622.7 | 621.8 | 620.9 |
| 165°   | 630.9 | 631.6 | 631.6 | 630.9 | 630.2 | 629.5 | 628.7 |
| 167.5° | 636.8 | 637.5 | 637.4 | 636.4 | 635.5 | 634.5 | 633.6 |
| 170°   | 639.7 | 640.4 | 640.3 | 639.4 | 638.5 | 637.6 | 636.6 |
| 172.5° | 641.9 | 642.7 | 642.6 | 641.7 | 640.7 | 639.8 | 638.8 |
| 175°   | 644.4 | 645.1 | 645.0 | 643.9 | 642.8 | 641.9 | 640.8 |
| 177.5° | 644.5 | 645.1 | 645.0 | 644.3 | 643.5 | 642.7 | 642.0 |
| 180°   | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 | 643.1 |

(END OF REPORT)