

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: P331789-830

Luminaire Tested: **S122RDIW-S485D710U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331789-830  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S485D710U830-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 710 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

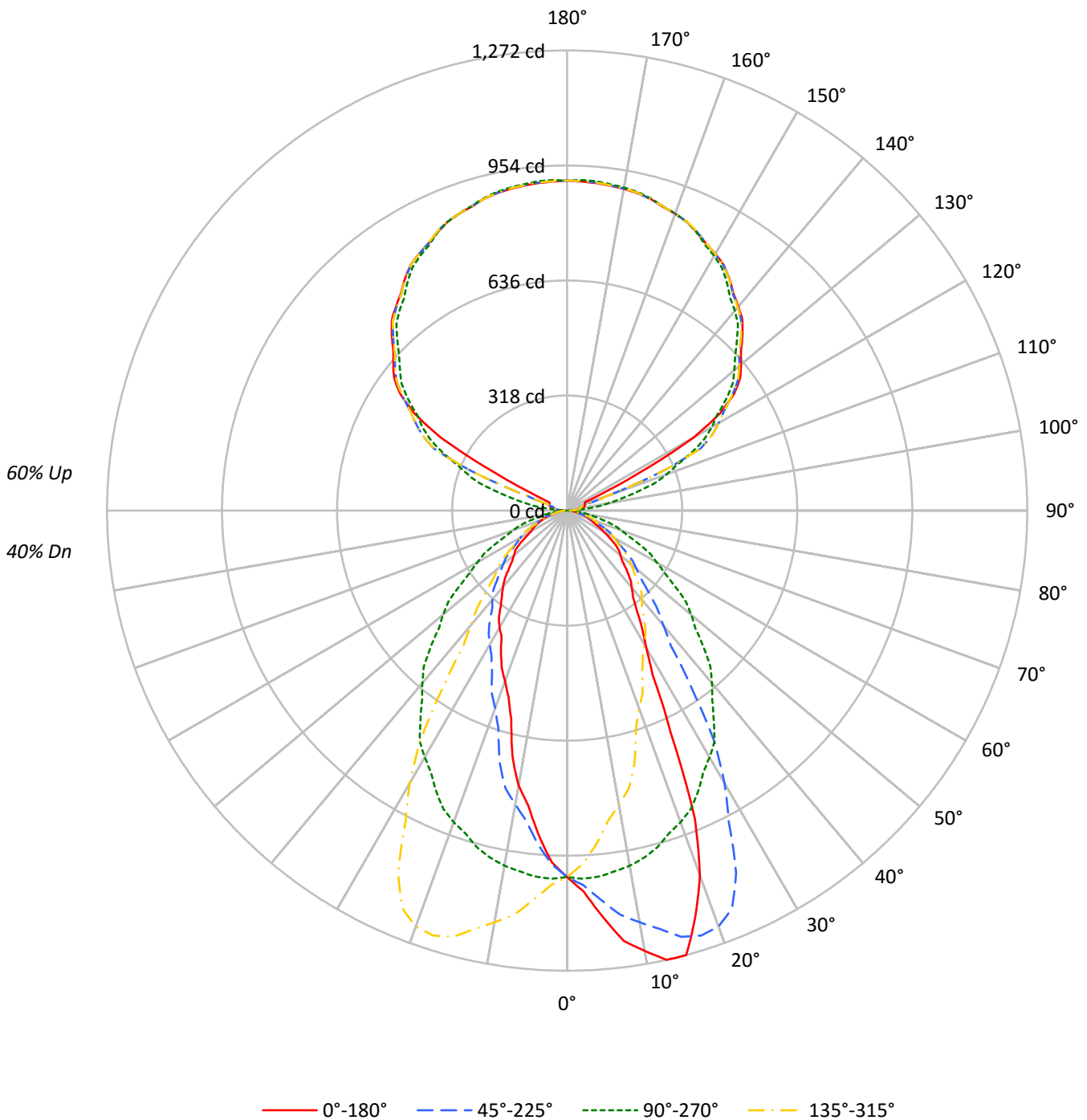
Lumens per Lamp: N/A  
Luminaire Lumens: 4425.3 lumens  
Efficiency: N/A  
Efficacy: 117.7 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 37.6  
Input Voltage (V): 120  
Input Current (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: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P331789-830

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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 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 61 | 61 | 61 | 47 | 47 | 47 | 40 |
| 1   | 96  | 92  | 88  | 85  | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 52 | 42 | 41 | 40 | 35 |
| 2   | 88  | 81  | 75  | 71  | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 49 | 47 | 45 | 38 | 36 | 35 | 30 |
| 3   | 81  | 72  | 65  | 60  | 73 | 66 | 60 | 55 | 54 | 50 | 47 | 44 | 41 | 39 | 34 | 32 | 31 | 26 |
| 4   | 74  | 64  | 57  | 51  | 67 | 59 | 52 | 47 | 49 | 44 | 40 | 40 | 36 | 34 | 31 | 29 | 27 | 23 |
| 5   | 68  | 57  | 50  | 44  | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 32 | 30 | 28 | 26 | 24 | 21 |
| 6   | 63  | 52  | 44  | 39  | 57 | 48 | 41 | 36 | 40 | 35 | 31 | 33 | 29 | 26 | 26 | 23 | 22 | 18 |
| 7   | 58  | 47  | 39  | 34  | 53 | 43 | 37 | 32 | 36 | 31 | 28 | 30 | 26 | 24 | 24 | 21 | 19 | 17 |
| 8   | 54  | 43  | 35  | 30  | 50 | 39 | 33 | 28 | 33 | 28 | 25 | 28 | 24 | 21 | 22 | 20 | 18 | 15 |
| 9   | 51  | 39  | 32  | 27  | 46 | 36 | 30 | 26 | 31 | 26 | 22 | 25 | 22 | 19 | 21 | 18 | 16 | 14 |
| 10  | 47  | 36  | 29  | 25  | 43 | 33 | 27 | 23 | 28 | 24 | 20 | 24 | 20 | 18 | 19 | 17 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16356 | 16356 | 16356 | 16356 |
| 5°  | 18266 | 16459 | 14593 | 16459 |
| 10° | 20266 | 16342 | 12650 | 16342 |
| 15° | 21264 | 16104 | 9967  | 16104 |
| 20° | 18433 | 15747 | 8624  | 15747 |
| 25° | 12089 | 15262 | 7701  | 15262 |
| 30° | 8138  | 14673 | 6969  | 14673 |
| 35° | 6591  | 13931 | 6286  | 13931 |
| 40° | 5861  | 13122 | 5817  | 13122 |
| 45° | 5304  | 12177 | 5190  | 12177 |
| 50° | 4828  | 11235 | 4808  | 11235 |
| 55° | 4538  | 10196 | 4479  | 10196 |
| 60° | 3794  | 9242  | 3749  | 9242  |
| 65° | 3202  | 8390  | 3629  | 8390  |
| 70° | 2960  | 7492  | 3423  | 7492  |
| 75° | 2770  | 6519  | 3163  | 6519  |
| 80° | 2548  | 5365  | 2817  | 5365  |
| 85° | 2334  | 4242  | 2482  | 4242  |



TEST NUMBER: P331789-830

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.0   | 2.2       |
| 10°-20°   | 267.6  | 6.0       |
| 20°-30°   | 344.8  | 7.8       |
| 30°-40°   | 327.7  | 7.4       |
| 40°-50°   | 280.7  | 6.3       |
| 50°-60°   | 213.8  | 4.8       |
| 60°-70°   | 135.1  | 3.1       |
| 70°-80°   | 67.5   | 1.5       |
| 80°-90°   | 19.8   | 0.4       |
| 90°-100°  | 30.4   | 0.7       |
| 100°-110° | 111.6  | 2.5       |
| 110°-120° | 298.2  | 6.7       |
| 120°-130° | 492.2  | 11.1      |
| 130°-140° | 523.5  | 11.8      |
| 140°-150° | 486.5  | 11.0      |
| 150°-160° | 391.2  | 8.8       |
| 160°-170° | 252.1  | 5.7       |
| 170°-180° | 86.8   | 2.0       |
| 0°-30°    | 708.4  | 16.0      |
| 0°-40°    | 1036.1 | 23.4      |
| 0°-60°    | 1530.5 | 34.6      |
| 0°-90°    | 1752.9 | 39.6      |
| 90°-120°  | 440.1  | 9.9       |
| 90°-150°  | 1942.3 | 43.9      |
| 90°-180°  | 2672.0 | 60.4      |
| 0°-180°   | 4425.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1013 | 1013 | 1013 | 1013 | 1013 |      |
| 5°   | 1127 | 1016 | 900  | 1016 | 1127 | 111  |
| 15°  | 1272 | 963  | 596  | 963  | 1272 | 343  |
| 25°  | 679  | 857  | 432  | 857  | 679  | 322  |
| 35°  | 334  | 707  | 319  | 707  | 334  | 214  |
| 45°  | 232  | 533  | 227  | 533  | 232  | 180  |
| 55°  | 161  | 362  | 159  | 362  | 161  | 141  |
| 65°  | 84   | 220  | 95   | 220  | 84   | 85   |
| 75°  | 44   | 104  | 51   | 104  | 44   | 47   |
| 85°  | 13   | 23   | 13   | 23   | 13   | 14   |
| 90°  | 18   | 1    | 18   | 1    | 18   | 8    |
| 95°  | 28   | 43   | 28   | 43   | 28   | 26   |
| 105° | 50   | 201  | 50   | 201  | 50   | 52   |
| 115° | 54   | 379  | 54   | 379  | 54   | 136  |
| 125° | 564  | 536  | 564  | 536  | 564  | 488  |
| 135° | 686  | 664  | 686  | 664  | 686  | 528  |
| 145° | 782  | 770  | 782  | 770  | 782  | 489  |
| 155° | 849  | 848  | 849  | 848  | 849  | 392  |
| 165° | 892  | 893  | 892  | 893  | 892  | 252  |
| 175° | 909  | 914  | 909  | 914  | 909  | 87   |
| 180° | 912  | 912  | 912  | 912  | 912  |      |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 1054.1 | 1055.0 | 1055.8 | 1053.9 | 1053.9 | 1052.2 | 1048.5 | 1045.7 | 1037.7 | 1036.6 | 1036.6 |
| 5°     | 1127.0 | 1126.3 | 1127.8 | 1123.1 | 1116.8 | 1115.4 | 1108.7 | 1099.9 | 1090.8 | 1080.5 | 1078.5 |
| 7.5°   | 1199.6 | 1198.5 | 1195.7 | 1194.9 | 1190.1 | 1179.4 | 1168.7 | 1157.2 | 1142.0 | 1127.1 | 1119.6 |
| 10°    | 1236.1 | 1247.7 | 1240.8 | 1228.4 | 1230.9 | 1214.4 | 1205.5 | 1190.4 | 1177.7 | 1155.6 | 1150.7 |
| 12.5°  | 1272.1 | 1276.8 | 1274.5 | 1267.5 | 1264.4 | 1252.9 | 1241.0 | 1227.9 | 1204.5 | 1184.6 | 1167.2 |
| 15°    | 1272.1 | 1278.7 | 1280.5 | 1278.4 | 1280.2 | 1279.4 | 1273.1 | 1262.2 | 1241.8 | 1219.9 | 1201.0 |
| 17.5°  | 1178.2 | 1182.8 | 1194.3 | 1202.1 | 1212.0 | 1232.8 | 1243.1 | 1247.2 | 1244.1 | 1231.6 | 1218.2 |
| 20°    | 1072.8 | 1065.1 | 1097.5 | 1114.0 | 1128.1 | 1163.3 | 1193.5 | 1205.1 | 1223.8 | 1223.5 | 1219.9 |
| 22.5°  | 923.6  | 925.4  | 956.1  | 975.7  | 1016.9 | 1052.1 | 1086.6 | 1130.3 | 1166.4 | 1190.2 | 1204.2 |
| 25°    | 678.6  | 692.0  | 722.6  | 749.3  | 795.1  | 860.6  | 920.1  | 989.1  | 1054.1 | 1105.6 | 1154.5 |
| 27.5°  | 509.6  | 510.7  | 534.9  | 559.7  | 586.8  | 640.5  | 715.4  | 797.8  | 890.6  | 967.1  | 1055.3 |
| 30°    | 436.5  | 434.3  | 444.6  | 459.7  | 483.0  | 524.4  | 580.8  | 661.8  | 754.3  | 869.8  | 972.5  |
| 32.5°  | 384.7  | 384.7  | 392.5  | 403.7  | 422.9  | 450.9  | 489.6  | 555.3  | 642.8  | 756.3  | 876.8  |
| 35°    | 334.4  | 334.0  | 339.7  | 347.8  | 355.8  | 373.8  | 400.2  | 434.7  | 494.9  | 600.9  | 724.1  |
| 37.5°  | 298.3  | 299.9  | 302.7  | 307.7  | 316.6  | 326.6  | 342.5  | 365.6  | 408.5  | 471.2  | 574.7  |
| 40°    | 278.1  | 278.8  | 282.7  | 286.9  | 292.2  | 299.9  | 312.9  | 331.6  | 362.9  | 412.8  | 488.5  |
| 42.5°  | 259.5  | 260.1  | 263.0  | 266.8  | 271.0  | 278.8  | 289.5  | 305.7  | 331.1  | 370.0  | 432.5  |
| 45°    | 232.3  | 232.3  | 234.8  | 236.5  | 241.1  | 248.2  | 256.9  | 270.3  | 287.9  | 316.8  | 358.4  |
| 47.5°  | 206.8  | 206.9  | 208.5  | 211.5  | 214.4  | 219.9  | 228.6  | 239.5  | 252.3  | 274.7  | 310.1  |
| 50°    | 192.2  | 192.6  | 193.6  | 196.0  | 197.8  | 202.7  | 209.4  | 219.0  | 232.3  | 249.6  | 279.1  |
| 52.5°  | 180.3  | 180.1  | 181.4  | 182.6  | 183.7  | 187.3  | 192.3  | 200.7  | 212.6  | 227.6  | 252.1  |
| 55°    | 161.2  | 159.8  | 161.9  | 163.6  | 164.8  | 166.2  | 168.9  | 174.3  | 184.5  | 197.1  | 215.4  |
| 57.5°  | 137.2  | 136.7  | 138.2  | 139.8  | 143.1  | 146.9  | 149.3  | 152.7  | 158.0  | 167.0  | 185.2  |
| 60°    | 117.5  | 117.5  | 120.7  | 121.8  | 125.6  | 130.5  | 135.5  | 138.4  | 143.6  | 149.6  | 163.0  |
| 62.5°  | 100.1  | 100.4  | 101.9  | 102.9  | 105.1  | 111.1  | 118.1  | 124.2  | 129.2  | 135.0  | 143.8  |
| 65°    | 83.8   | 84.5   | 84.5   | 85.2   | 86.6   | 88.0   | 90.8   | 95.8   | 104.5  | 112.6  | 119.3  |
| 67.5°  | 71.1   | 71.4   | 71.5   | 72.2   | 72.6   | 74.1   | 75.2   | 77.5   | 79.5   | 87.2   | 95.5   |
| 70°    | 62.7   | 63.7   | 63.3   | 64.1   | 64.4   | 65.1   | 66.5   | 67.6   | 70.8   | 72.5   | 77.5   |
| 72.5°  | 54.8   | 55.5   | 55.5   | 55.9   | 56.8   | 56.9   | 58.1   | 59.1   | 61.2   | 62.7   | 65.3   |
| 75°    | 44.4   | 44.0   | 44.4   | 45.1   | 45.4   | 45.7   | 45.7   | 47.1   | 48.3   | 49.7   | 51.4   |
| 77.5°  | 34.2   | 34.6   | 34.5   | 34.6   | 34.6   | 35.3   | 35.2   | 35.8   | 36.9   | 37.6   | 38.5   |
| 80°    | 27.4   | 27.8   | 27.4   | 27.8   | 28.2   | 28.5   | 28.2   | 28.5   | 29.6   | 30.3   | 30.3   |
| 82.5°  | 21.3   | 21.3   | 21.6   | 21.6   | 21.7   | 21.8   | 22.2   | 22.3   | 23.1   | 22.9   | 23.2   |
| 85°    | 12.6   | 12.3   | 12.3   | 12.3   | 12.6   | 13.0   | 12.6   | 12.6   | 13.0   | 13.0   | 13.0   |
| 87.5°  | 8.1    | 8.3    | 8.2    | 8.2    | 8.1    | 8.0    | 7.8    | 8.0    | 7.5    | 7.7    | 7.2    |
| 90°    | 17.8   | 17.5   | 17.2   | 17.0   | 16.7   | 16.1   | 15.4   | 14.7   | 13.9   | 13.2   | 12.1   |
| 92.5°  | 17.8   | 17.6   | 17.4   | 17.2   | 17.2   | 16.9   | 16.5   | 16.1   | 15.6   | 15.3   | 14.7   |
| 95°    | 28.4   | 28.6   | 28.7   | 28.8   | 28.9   | 28.7   | 27.9   | 27.2   | 26.5   | 25.7   | 24.7   |
| 97.5°  | 37.9   | 37.7   | 37.5   | 37.3   | 37.1   | 36.8   | 36.2   | 35.6   | 35.1   | 34.4   | 32.0   |
| 100°   | 44.2   | 43.9   | 43.6   | 43.4   | 43.1   | 42.3   | 41.1   | 40.0   | 38.7   | 37.6   | 35.2   |
| 102.5° | 47.4   | 46.9   | 46.6   | 46.2   | 45.7   | 44.8   | 43.3   | 41.8   | 40.2   | 38.6   | 35.9   |
| 105°   | 50.1   | 49.6   | 49.0   | 48.4   | 47.8   | 46.7   | 45.1   | 43.5   | 41.8   | 40.2   | 38.3   |
| 107.5° | 51.6   | 51.0   | 50.4   | 49.9   | 49.3   | 49.8   | 51.5   | 53.1   | 54.7   | 56.4   | 54.3   |
| 110°   | 52.1   | 51.6   | 51.0   | 50.3   | 49.8   | 56.8   | 71.4   | 86.1   | 100.9  | 115.5  | 157.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 52.7  | 52.2  | 51.7  | 51.3  | 50.8  | 77.3  | 130.8 | 184.3 | 237.8 | 291.2 | 301.7 |
| 115°   | 54.1  | 64.7  | 75.2  | 85.8  | 96.3  | 135.5 | 203.4 | 271.4 | 339.2 | 407.1 | 403.4 |
| 117.5° | 220.9 | 255.6 | 290.3 | 325.0 | 359.7 | 385.2 | 401.6 | 418.1 | 434.5 | 450.9 | 448.4 |
| 120°   | 402.5 | 422.3 | 442.1 | 461.8 | 481.6 | 490.7 | 488.9 | 487.2 | 485.4 | 483.6 | 481.0 |
| 122.5° | 502.3 | 506.1 | 509.9 | 513.8 | 517.6 | 519.1 | 517.9 | 516.9 | 515.9 | 514.8 | 511.9 |
| 125°   | 564.1 | 563.7 | 563.3 | 562.8 | 562.4 | 561.7 | 560.6 | 559.6 | 558.6 | 557.5 | 554.8 |
| 127.5° | 603.2 | 603.1 | 603.0 | 602.9 | 602.9 | 602.1 | 600.6 | 599.1 | 597.6 | 596.1 | 594.0 |
| 130°   | 627.5 | 627.6 | 627.8 | 627.9 | 628.1 | 627.4 | 625.8 | 624.2 | 622.5 | 620.9 | 619.3 |
| 132.5° | 651.3 | 651.4 | 651.6 | 651.7 | 651.9 | 651.2 | 649.9 | 648.5 | 647.1 | 645.7 | 644.1 |
| 135°   | 685.6 | 685.9 | 686.2 | 686.5 | 686.7 | 686.2 | 684.7 | 683.2 | 681.7 | 680.3 | 679.0 |
| 137.5° | 716.8 | 717.4 | 717.8 | 718.3 | 718.9 | 718.4 | 716.9 | 715.5 | 714.1 | 712.7 | 711.1 |
| 140°   | 736.4 | 737.1 | 737.8 | 738.6 | 739.3 | 739.0 | 737.7 | 736.4 | 735.1 | 733.8 | 732.1 |
| 142.5° | 755.4 | 756.1 | 756.9 | 757.6 | 758.3 | 758.1 | 756.9 | 755.6 | 754.5 | 753.3 | 751.4 |
| 145°   | 781.9 | 782.6 | 783.3 | 784.1 | 784.9 | 784.7 | 783.6 | 782.6 | 781.7 | 780.6 | 778.1 |
| 147.5° | 805.2 | 805.9 | 806.5 | 807.1 | 807.8 | 807.7 | 806.9 | 806.2 | 805.4 | 804.6 | 802.1 |
| 150°   | 819.5 | 820.2 | 821.0 | 821.7 | 822.5 | 822.4 | 821.5 | 820.6 | 819.7 | 818.9 | 816.5 |
| 152.5° | 831.6 | 832.6 | 833.6 | 834.5 | 835.6 | 835.6 | 834.7 | 833.8 | 832.9 | 832.1 | 829.8 |
| 155°   | 848.6 | 849.7 | 850.9 | 852.1 | 853.2 | 853.4 | 852.5 | 851.6 | 850.7 | 849.9 | 848.1 |
| 157.5° | 863.9 | 865.2 | 866.3 | 867.4 | 868.6 | 868.6 | 867.6 | 866.7 | 865.6 | 864.6 | 863.4 |
| 160°   | 873.0 | 874.0 | 875.0 | 876.0 | 877.0 | 877.1 | 876.3 | 875.3 | 874.5 | 873.6 | 872.7 |
| 162.5° | 880.3 | 881.6 | 882.9 | 884.1 | 885.4 | 885.5 | 884.5 | 883.5 | 882.5 | 881.6 | 880.8 |
| 165°   | 891.5 | 892.5 | 893.5 | 894.5 | 895.5 | 895.5 | 894.5 | 893.5 | 892.5 | 891.5 | 891.0 |
| 167.5° | 898.4 | 899.8 | 901.1 | 902.4 | 903.7 | 903.8 | 902.9 | 901.8 | 900.8 | 899.8 | 899.4 |
| 170°   | 902.7 | 904.0 | 905.3 | 906.6 | 908.0 | 908.0 | 907.0 | 906.1 | 905.0 | 904.0 | 903.7 |
| 172.5° | 905.8 | 907.1 | 908.4 | 909.7 | 911.1 | 911.3 | 910.2 | 909.2 | 908.1 | 907.1 | 906.8 |
| 175°   | 908.6 | 910.0 | 911.5 | 912.9 | 914.5 | 914.6 | 913.6 | 912.7 | 911.6 | 910.6 | 910.3 |
| 177.5° | 910.3 | 911.3 | 912.4 | 913.5 | 914.5 | 914.6 | 913.8 | 913.0 | 912.2 | 911.3 | 911.3 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 1037.2 | 1035.0 | 1033.0 | 1027.9 | 1025.4 | 1019.7 | 1018.9 | 1018.6 | 1011.3 | 1004.3 | 1002.3 |
| 5°     | 1072.8 | 1067.2 | 1058.8 | 1048.9 | 1038.7 | 1028.1 | 1021.1 | 1015.5 | 1001.4 | 988.0  | 980.2  |
| 7.5°   | 1108.7 | 1096.6 | 1082.0 | 1063.4 | 1047.8 | 1030.4 | 1017.5 | 1005.8 | 985.8  | 966.7  | 953.8  |
| 10°    | 1135.5 | 1115.8 | 1096.5 | 1070.7 | 1050.7 | 1031.0 | 1012.7 | 996.8  | 974.3  | 949.0  | 930.9  |
| 12.5°  | 1152.1 | 1130.4 | 1103.7 | 1078.6 | 1052.6 | 1027.6 | 1003.1 | 982.7  | 956.3  | 930.1  | 908.7  |
| 15°    | 1174.6 | 1151.3 | 1119.0 | 1083.1 | 1049.6 | 1016.9 | 988.7  | 963.4  | 928.9  | 897.6  | 871.5  |
| 17.5°  | 1193.0 | 1160.9 | 1126.1 | 1084.7 | 1045.9 | 1004.4 | 968.1  | 935.7  | 897.3  | 859.5  | 828.9  |
| 20°    | 1198.8 | 1167.2 | 1127.0 | 1085.5 | 1039.7 | 990.8  | 951.8  | 916.5  | 875.3  | 834.2  | 799.0  |
| 22.5°  | 1195.1 | 1170.5 | 1125.9 | 1076.2 | 1029.4 | 978.2  | 934.1  | 893.2  | 847.5  | 805.5  | 764.7  |
| 25°    | 1170.4 | 1161.9 | 1119.6 | 1065.5 | 1011.9 | 952.4  | 901.4  | 856.7  | 804.6  | 759.6  | 715.2  |
| 27.5°  | 1112.4 | 1130.7 | 1104.5 | 1046.7 | 987.2  | 923.4  | 866.1  | 815.2  | 761.1  | 710.4  | 666.2  |
| 30°    | 1056.7 | 1098.5 | 1087.2 | 1033.8 | 967.2  | 904.6  | 840.2  | 787.0  | 729.3  | 677.2  | 633.6  |
| 32.5°  | 980.3  | 1049.5 | 1060.5 | 1015.8 | 947.0  | 878.1  | 810.6  | 757.7  | 697.5  | 642.5  | 600.0  |
| 35°    | 858.8  | 962.3  | 1009.8 | 981.3  | 912.3  | 838.1  | 768.4  | 706.8  | 646.2  | 592.0  | 549.8  |
| 37.5°  | 713.9  | 854.8  | 934.1  | 936.0  | 872.7  | 795.5  | 719.6  | 658.5  | 596.4  | 543.3  | 497.6  |
| 40°    | 619.8  | 772.6  | 875.7  | 898.6  | 845.1  | 761.7  | 684.9  | 622.6  | 562.1  | 510.0  | 457.6  |
| 42.5°  | 535.4  | 687.6  | 814.4  | 854.1  | 811.6  | 728.8  | 651.8  | 586.6  | 527.7  | 478.4  | 424.9  |
| 45°    | 432.9  | 566.0  | 705.7  | 776.8  | 753.3  | 676.5  | 595.2  | 533.3  | 478.0  | 435.4  | 384.0  |
| 47.5°  | 365.2  | 459.0  | 594.2  | 690.4  | 689.9  | 619.9  | 540.0  | 480.6  | 429.3  | 389.5  | 347.8  |
| 50°    | 326.6  | 408.3  | 522.7  | 631.8  | 640.9  | 582.2  | 506.1  | 447.3  | 399.5  | 357.6  | 324.1  |
| 52.5°  | 292.0  | 359.3  | 462.1  | 566.8  | 592.8  | 541.9  | 468.2  | 413.9  | 367.4  | 328.9  | 300.2  |
| 55°    | 246.8  | 298.8  | 377.0  | 474.9  | 514.3  | 478.3  | 412.8  | 362.2  | 324.5  | 292.2  | 267.5  |
| 57.5°  | 208.7  | 247.8  | 310.5  | 389.3  | 435.2  | 412.6  | 358.6  | 317.4  | 285.2  | 255.9  | 236.5  |
| 60°    | 184.8  | 216.8  | 269.9  | 335.8  | 386.4  | 370.6  | 324.5  | 286.2  | 258.7  | 233.4  | 215.1  |
| 62.5°  | 162.3  | 189.8  | 235.4  | 288.8  | 335.3  | 328.7  | 291.1  | 258.8  | 234.8  | 211.7  | 196.2  |
| 65°    | 130.5  | 150.6  | 186.2  | 228.1  | 265.4  | 268.5  | 241.5  | 219.6  | 198.1  | 179.8  | 166.2  |
| 67.5°  | 104.0  | 117.1  | 142.1  | 177.4  | 205.4  | 215.4  | 198.8  | 182.1  | 165.0  | 150.9  | 139.0  |
| 70°    | 87.7   | 98.2   | 116.5  | 145.1  | 170.7  | 181.3  | 171.7  | 158.7  | 143.9  | 132.3  | 122.2  |
| 72.5°  | 71.1   | 81.3   | 94.8   | 115.7  | 137.8  | 149.2  | 145.9  | 136.5  | 124.5  | 114.9  | 105.3  |
| 75°    | 53.5   | 56.6   | 65.8   | 79.9   | 97.2   | 107.0  | 109.4  | 104.5  | 95.0   | 87.7   | 82.0   |
| 77.5°  | 39.6   | 41.5   | 45.8   | 53.3   | 64.5   | 73.2   | 76.9   | 76.3   | 69.7   | 65.5   | 60.2   |
| 80°    | 31.7   | 32.7   | 34.9   | 38.0   | 46.5   | 55.2   | 57.7   | 57.7   | 53.2   | 51.4   | 46.1   |
| 82.5°  | 24.0   | 24.9   | 26.1   | 27.9   | 31.9   | 39.5   | 42.2   | 42.8   | 39.9   | 37.6   | 33.5   |
| 85°    | 13.8   | 13.4   | 14.0   | 15.2   | 15.8   | 17.9   | 22.1   | 22.9   | 22.1   | 19.3   | 18.3   |
| 87.5°  | 7.0    | 7.0    | 6.8    | 6.2    | 6.1    | 6.1    | 7.3    | 8.3    | 7.5    | 7.0    | 6.7    |
| 90°    | 10.8   | 9.7    | 8.5    | 7.1    | 5.5    | 3.9    | 2.3    | 0.7    | 2.3    | 3.9    | 5.5    |
| 92.5°  | 14.1   | 13.6   | 13.0   | 12.7   | 12.9   | 13.0   | 13.2   | 13.3   | 13.2   | 13.0   | 12.9   |
| 95°    | 23.7   | 22.6   | 21.6   | 23.6   | 28.4   | 33.2   | 38.1   | 42.9   | 38.1   | 33.2   | 28.4   |
| 97.5°  | 29.7   | 27.3   | 25.0   | 30.5   | 44.2   | 57.9   | 71.4   | 85.1   | 71.4   | 57.9   | 44.2   |
| 100°   | 32.6   | 30.2   | 27.6   | 36.5   | 56.6   | 76.6   | 96.7   | 116.8  | 96.7   | 76.6   | 56.6   |
| 102.5° | 80.4   | 101.2  | 122.1  | 134.6  | 138.8  | 143.1  | 147.4  | 151.7  | 147.4  | 143.1  | 138.8  |
| 105°   | 120.3  | 160.3  | 200.4  | 218.2  | 213.8  | 209.4  | 205.0  | 200.6  | 205.0  | 209.4  | 213.8  |
| 107.5° | 152.4  | 200.4  | 248.4  | 270.6  | 267.0  | 263.5  | 260.0  | 256.4  | 260.0  | 263.5  | 267.0  |
| 110°   | 200.2  | 242.6  | 284.9  | 304.6  | 301.5  | 298.5  | 295.4  | 292.3  | 295.4  | 298.5  | 301.5  |





TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 312.2 | 322.6 | 333.1 | 337.0 | 334.2 | 331.6 | 328.9 | 326.1 | 328.9 | 331.6 | 334.2 |
| 115°   | 399.8 | 396.2 | 392.5 | 389.4 | 386.9 | 384.4 | 381.9 | 379.4 | 381.9 | 384.4 | 386.9 |
| 117.5° | 445.9 | 443.4 | 440.8 | 438.2 | 435.4 | 432.6 | 429.8 | 427.1 | 429.8 | 432.6 | 435.4 |
| 120°   | 478.3 | 475.7 | 473.1 | 470.7 | 468.4 | 466.3 | 464.1 | 461.8 | 464.1 | 466.3 | 468.4 |
| 122.5° | 509.1 | 506.1 | 503.3 | 500.7 | 498.4 | 496.1 | 493.8 | 491.4 | 493.8 | 496.1 | 498.4 |
| 125°   | 552.0 | 549.2 | 546.4 | 544.0 | 542.2 | 540.3 | 538.4 | 536.4 | 538.4 | 540.3 | 542.2 |
| 127.5° | 591.9 | 589.8 | 587.8 | 585.7 | 583.5 | 581.5 | 579.3 | 577.2 | 579.3 | 581.5 | 583.5 |
| 130°   | 617.6 | 616.0 | 614.4 | 612.5 | 610.1 | 607.8 | 605.4 | 603.0 | 605.4 | 607.8 | 610.1 |
| 132.5° | 642.4 | 640.8 | 639.2 | 637.4 | 635.5 | 633.5 | 631.5 | 629.5 | 631.5 | 633.5 | 635.5 |
| 135°   | 677.7 | 676.4 | 675.0 | 673.2 | 670.8 | 668.5 | 666.1 | 663.8 | 666.1 | 668.5 | 670.8 |
| 137.5° | 709.6 | 708.1 | 706.6 | 705.0 | 703.4 | 701.8 | 700.1 | 698.5 | 700.1 | 701.8 | 703.4 |
| 140°   | 730.5 | 728.9 | 727.3 | 725.9 | 724.7 | 723.5 | 722.4 | 721.2 | 722.4 | 723.5 | 724.7 |
| 142.5° | 749.6 | 747.7 | 745.8 | 744.4 | 743.4 | 742.3 | 741.2 | 740.2 | 741.2 | 742.3 | 743.4 |
| 145°   | 775.6 | 773.1 | 770.6 | 769.4 | 769.6 | 769.8 | 769.9 | 770.1 | 769.9 | 769.8 | 769.6 |
| 147.5° | 799.7 | 797.2 | 794.8 | 793.8 | 794.4 | 794.9 | 795.5 | 796.0 | 795.5 | 794.9 | 794.4 |
| 150°   | 814.2 | 811.8 | 809.5 | 808.8 | 809.8 | 810.9 | 811.9 | 812.9 | 811.9 | 810.9 | 809.8 |
| 152.5° | 827.6 | 825.4 | 823.1 | 822.6 | 823.7 | 824.9 | 826.0 | 827.2 | 826.0 | 824.9 | 823.7 |
| 155°   | 846.3 | 844.6 | 842.8 | 842.6 | 844.0 | 845.3 | 846.6 | 847.9 | 846.6 | 845.3 | 844.0 |
| 157.5° | 862.1 | 860.9 | 859.7 | 859.7 | 860.7 | 861.9 | 863.0 | 864.1 | 863.0 | 861.9 | 860.7 |
| 160°   | 871.9 | 871.0 | 870.1 | 870.1 | 871.0 | 871.9 | 872.7 | 873.6 | 872.7 | 871.9 | 871.0 |
| 162.5° | 880.1 | 879.2 | 878.4 | 878.5 | 879.4 | 880.3 | 881.2 | 882.0 | 881.2 | 880.3 | 879.4 |
| 165°   | 890.5 | 890.1 | 889.7 | 889.9 | 890.8 | 891.6 | 892.5 | 893.4 | 892.5 | 891.6 | 890.8 |
| 167.5° | 898.9 | 898.5 | 898.1 | 898.3 | 899.2 | 900.1 | 901.0 | 901.8 | 901.0 | 900.1 | 899.2 |
| 170°   | 903.4 | 903.1 | 902.8 | 903.1 | 904.0 | 904.8 | 905.7 | 906.6 | 905.7 | 904.8 | 904.0 |
| 172.5° | 906.5 | 906.3 | 906.0 | 906.3 | 907.1 | 908.0 | 908.9 | 909.7 | 908.9 | 908.0 | 907.1 |
| 175°   | 910.0 | 909.6 | 909.4 | 909.7 | 910.8 | 911.8 | 912.9 | 913.9 | 912.9 | 911.8 | 910.8 |
| 177.5° | 911.2 | 911.0 | 910.9 | 911.3 | 912.1 | 912.9 | 913.7 | 914.5 | 913.7 | 912.9 | 912.1 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 998.6  | 996.6  | 993.0  | 987.4  | 984.0  | 978.1  | 974.1  | 976.4  | 976.9  | 976.4  | 975.8  |
| 5°     | 971.9  | 964.4  | 954.2  | 944.3  | 935.2  | 925.4  | 919.7  | 917.3  | 912.3  | 909.6  | 908.1  |
| 7.5°   | 939.3  | 926.6  | 912.2  | 895.0  | 880.4  | 865.2  | 857.3  | 853.5  | 843.4  | 837.9  | 833.1  |
| 10°    | 915.1  | 895.0  | 880.6  | 858.1  | 844.4  | 824.3  | 810.6  | 811.0  | 797.2  | 789.5  | 783.8  |
| 12.5°  | 888.4  | 866.4  | 842.4  | 822.1  | 803.0  | 786.9  | 770.3  | 763.6  | 749.0  | 741.6  | 726.4  |
| 15°    | 844.0  | 818.3  | 793.1  | 765.5  | 746.2  | 721.2  | 697.3  | 668.1  | 644.5  | 624.1  | 618.4  |
| 17.5°  | 795.6  | 763.8  | 738.4  | 706.2  | 673.0  | 630.9  | 603.2  | 586.3  | 572.0  | 561.3  | 553.3  |
| 20°    | 762.4  | 730.0  | 702.9  | 654.3  | 609.6  | 581.1  | 560.7  | 547.7  | 532.9  | 521.3  | 514.9  |
| 22.5°  | 727.5  | 693.7  | 656.8  | 602.5  | 567.7  | 544.8  | 526.6  | 511.6  | 501.6  | 492.6  | 486.8  |
| 25°    | 677.9  | 640.9  | 580.0  | 542.7  | 514.6  | 490.7  | 478.0  | 468.8  | 458.3  | 445.9  | 440.4  |
| 27.5°  | 625.6  | 566.8  | 523.0  | 495.3  | 468.4  | 452.9  | 441.5  | 427.8  | 418.4  | 412.8  | 407.0  |
| 30°    | 586.4  | 527.6  | 493.5  | 463.2  | 444.2  | 427.0  | 413.6  | 405.9  | 396.7  | 387.2  | 383.3  |
| 32.5°  | 542.7  | 495.8  | 463.1  | 437.9  | 418.6  | 403.9  | 393.3  | 380.8  | 374.2  | 368.3  | 360.2  |
| 35°    | 488.5  | 453.0  | 423.1  | 402.7  | 384.4  | 372.4  | 360.1  | 352.7  | 340.7  | 335.8  | 332.6  |
| 37.5°  | 442.6  | 411.8  | 389.5  | 368.0  | 353.5  | 340.3  | 332.7  | 320.9  | 315.8  | 308.9  | 302.2  |
| 40°    | 416.7  | 386.4  | 365.0  | 347.4  | 331.2  | 321.3  | 311.9  | 302.4  | 294.6  | 291.4  | 283.3  |
| 42.5°  | 390.3  | 365.6  | 344.1  | 324.9  | 314.1  | 303.6  | 291.6  | 284.6  | 276.5  | 271.5  | 266.5  |
| 45°    | 353.7  | 332.0  | 313.6  | 297.7  | 285.8  | 274.9  | 267.1  | 255.5  | 251.0  | 240.7  | 236.5  |
| 47.5°  | 321.6  | 301.3  | 283.9  | 268.8  | 257.1  | 250.1  | 238.7  | 229.6  | 222.3  | 216.0  | 210.7  |
| 50°    | 298.8  | 281.9  | 265.0  | 251.7  | 241.1  | 230.9  | 219.3  | 214.7  | 203.4  | 200.3  | 197.1  |
| 52.5°  | 278.0  | 261.9  | 246.5  | 233.4  | 222.8  | 212.9  | 202.6  | 196.7  | 189.1  | 185.9  | 183.6  |
| 55°    | 248.8  | 233.4  | 218.6  | 207.0  | 196.4  | 186.2  | 179.8  | 172.5  | 168.9  | 166.5  | 163.6  |
| 57.5°  | 219.5  | 205.7  | 194.3  | 182.6  | 171.9  | 163.8  | 156.5  | 152.0  | 148.4  | 145.2  | 141.8  |
| 60°    | 201.0  | 187.6  | 177.4  | 166.5  | 155.6  | 148.9  | 143.3  | 138.0  | 133.7  | 128.8  | 127.4  |
| 62.5°  | 181.3  | 169.6  | 160.2  | 149.6  | 140.1  | 133.9  | 128.7  | 123.7  | 118.6  | 111.4  | 109.4  |
| 65°    | 154.2  | 145.1  | 135.2  | 126.4  | 117.9  | 112.0  | 104.2  | 98.6   | 96.4   | 95.8   | 95.4   |
| 67.5°  | 129.7  | 121.0  | 112.5  | 103.6  | 95.9   | 90.3   | 86.3   | 85.5   | 84.1   | 83.6   | 82.7   |
| 70°    | 113.3  | 105.3  | 96.8   | 88.3   | 81.0   | 79.9   | 78.5   | 77.1   | 75.3   | 74.6   | 73.9   |
| 72.5°  | 98.7   | 90.3   | 81.9   | 75.1   | 71.9   | 70.6   | 69.2   | 67.8   | 66.6   | 65.9   | 65.5   |
| 75°    | 75.7   | 68.0   | 62.3   | 59.9   | 58.1   | 57.0   | 55.0   | 53.8   | 53.2   | 52.1   | 51.7   |
| 77.5°  | 54.5   | 50.1   | 47.5   | 46.0   | 44.1   | 43.0   | 41.8   | 40.7   | 40.0   | 39.8   | 39.2   |
| 80°    | 41.6   | 39.4   | 37.7   | 35.5   | 34.9   | 33.5   | 33.1   | 32.0   | 32.4   | 31.3   | 31.3   |
| 82.5°  | 32.2   | 29.6   | 28.1   | 27.1   | 26.4   | 25.3   | 24.9   | 24.4   | 24.5   | 23.8   | 23.8   |
| 85°    | 16.6   | 15.8   | 15.2   | 14.4   | 14.4   | 13.4   | 13.8   | 13.4   | 13.4   | 12.6   | 12.3   |
| 87.5°  | 6.8    | 6.8    | 6.4    | 6.7    | 6.9    | 6.9    | 7.0    | 6.9    | 7.0    | 7.2    | 7.0    |
| 90°    | 7.1    | 8.5    | 9.7    | 10.8   | 12.1   | 13.2   | 13.9   | 14.7   | 15.4   | 16.1   | 16.7   |
| 92.5°  | 12.7   | 13.0   | 13.6   | 14.1   | 14.7   | 15.3   | 15.6   | 16.1   | 16.5   | 16.9   | 17.2   |
| 95°    | 23.6   | 21.6   | 22.6   | 23.7   | 24.7   | 25.7   | 26.5   | 27.2   | 27.9   | 28.7   | 28.9   |
| 97.5°  | 30.5   | 25.0   | 27.3   | 29.7   | 32.0   | 34.4   | 35.1   | 35.6   | 36.2   | 36.8   | 37.1   |
| 100°   | 36.5   | 27.6   | 30.2   | 32.6   | 35.2   | 37.6   | 38.7   | 40.0   | 41.1   | 42.3   | 43.1   |
| 102.5° | 134.6  | 122.1  | 101.2  | 80.4   | 59.5   | 38.6   | 40.2   | 41.8   | 43.3   | 44.8   | 45.7   |
| 105°   | 218.2  | 200.4  | 160.3  | 120.3  | 80.3   | 40.2   | 41.8   | 43.5   | 45.1   | 46.7   | 47.8   |
| 107.5° | 270.6  | 248.4  | 200.4  | 152.4  | 104.3  | 56.4   | 54.7   | 53.1   | 51.5   | 49.8   | 49.3   |
| 110°   | 304.6  | 284.9  | 242.6  | 200.2  | 157.9  | 115.5  | 100.9  | 86.1   | 71.4   | 56.8   | 49.8   |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 337.0 | 333.1 | 322.6 | 312.2 | 301.7 | 291.2 | 237.8 | 184.3 | 130.8 | 77.3  | 50.8  |
| 115°   | 389.4 | 392.5 | 396.2 | 399.8 | 403.4 | 407.1 | 339.2 | 271.4 | 203.4 | 135.5 | 96.3  |
| 117.5° | 438.2 | 440.8 | 443.4 | 445.9 | 448.4 | 450.9 | 434.5 | 418.1 | 401.6 | 385.2 | 359.7 |
| 120°   | 470.7 | 473.1 | 475.7 | 478.3 | 481.0 | 483.6 | 485.4 | 487.2 | 488.9 | 490.7 | 481.6 |
| 122.5° | 500.7 | 503.3 | 506.1 | 509.1 | 511.9 | 514.8 | 515.9 | 516.9 | 517.9 | 519.1 | 517.6 |
| 125°   | 544.0 | 546.4 | 549.2 | 552.0 | 554.8 | 557.5 | 558.6 | 559.6 | 560.6 | 561.7 | 562.4 |
| 127.5° | 585.7 | 587.8 | 589.8 | 591.9 | 594.0 | 596.1 | 597.6 | 599.1 | 600.6 | 602.1 | 602.9 |
| 130°   | 612.5 | 614.4 | 616.0 | 617.6 | 619.3 | 620.9 | 622.5 | 624.2 | 625.8 | 627.4 | 628.1 |
| 132.5° | 637.4 | 639.2 | 640.8 | 642.4 | 644.1 | 645.7 | 647.1 | 648.5 | 649.9 | 651.2 | 651.9 |
| 135°   | 673.2 | 675.0 | 676.4 | 677.7 | 679.0 | 680.3 | 681.7 | 683.2 | 684.7 | 686.2 | 686.7 |
| 137.5° | 705.0 | 706.6 | 708.1 | 709.6 | 711.1 | 712.7 | 714.1 | 715.5 | 716.9 | 718.4 | 718.9 |
| 140°   | 725.9 | 727.3 | 728.9 | 730.5 | 732.1 | 733.8 | 735.1 | 736.4 | 737.7 | 739.0 | 739.3 |
| 142.5° | 744.4 | 745.8 | 747.7 | 749.6 | 751.4 | 753.3 | 754.5 | 755.6 | 756.9 | 758.1 | 758.3 |
| 145°   | 769.4 | 770.6 | 773.1 | 775.6 | 778.1 | 780.6 | 781.7 | 782.6 | 783.6 | 784.7 | 784.9 |
| 147.5° | 793.8 | 794.8 | 797.2 | 799.7 | 802.1 | 804.6 | 805.4 | 806.2 | 806.9 | 807.7 | 807.8 |
| 150°   | 808.8 | 809.5 | 811.8 | 814.2 | 816.5 | 818.9 | 819.7 | 820.6 | 821.5 | 822.4 | 822.5 |
| 152.5° | 822.6 | 823.1 | 825.4 | 827.6 | 829.8 | 832.1 | 832.9 | 833.8 | 834.7 | 835.6 | 835.6 |
| 155°   | 842.6 | 842.8 | 844.6 | 846.3 | 848.1 | 849.9 | 850.7 | 851.6 | 852.5 | 853.4 | 853.2 |
| 157.5° | 859.7 | 859.7 | 860.9 | 862.1 | 863.4 | 864.6 | 865.6 | 866.7 | 867.6 | 868.6 | 868.6 |
| 160°   | 870.1 | 870.1 | 871.0 | 871.9 | 872.7 | 873.6 | 874.5 | 875.3 | 876.3 | 877.1 | 877.0 |
| 162.5° | 878.5 | 878.4 | 879.2 | 880.1 | 880.8 | 881.6 | 882.5 | 883.5 | 884.5 | 885.5 | 885.4 |
| 165°   | 889.9 | 889.7 | 890.1 | 890.5 | 891.0 | 891.5 | 892.5 | 893.5 | 894.5 | 895.5 | 895.5 |
| 167.5° | 898.3 | 898.1 | 898.5 | 898.9 | 899.4 | 899.8 | 900.8 | 901.8 | 902.9 | 903.8 | 903.7 |
| 170°   | 903.1 | 902.8 | 903.1 | 903.4 | 903.7 | 904.0 | 905.0 | 906.1 | 907.0 | 908.0 | 908.0 |
| 172.5° | 906.3 | 906.0 | 906.3 | 906.5 | 906.8 | 907.1 | 908.1 | 909.2 | 910.2 | 911.3 | 911.1 |
| 175°   | 909.7 | 909.4 | 909.6 | 910.0 | 910.3 | 910.6 | 911.6 | 912.7 | 913.6 | 914.6 | 914.5 |
| 177.5° | 911.3 | 910.9 | 911.0 | 911.2 | 911.3 | 911.3 | 912.2 | 913.0 | 913.8 | 914.6 | 914.5 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 972.7  | 973.3  | 972.4  | 973.0  | 972.4  | 973.3  | 972.7  | 975.8  | 976.4  | 976.9  | 976.4  |
| 5°     | 906.3  | 902.1  | 901.4  | 900.4  | 901.4  | 902.1  | 906.3  | 908.1  | 909.6  | 912.3  | 917.3  |
| 7.5°   | 827.1  | 826.4  | 824.7  | 822.2  | 824.7  | 826.4  | 827.1  | 833.1  | 837.9  | 843.4  | 853.5  |
| 10°    | 776.1  | 774.4  | 774.0  | 771.6  | 774.0  | 774.4  | 776.1  | 783.8  | 789.5  | 797.2  | 811.0  |
| 12.5°  | 716.4  | 705.1  | 703.9  | 697.8  | 703.9  | 705.1  | 716.4  | 726.4  | 741.6  | 749.0  | 763.6  |
| 15°    | 610.0  | 607.8  | 600.9  | 596.3  | 600.9  | 607.8  | 610.0  | 618.4  | 624.1  | 644.5  | 668.1  |
| 17.5°  | 549.1  | 542.2  | 540.1  | 539.1  | 540.1  | 542.2  | 549.1  | 553.3  | 561.3  | 572.0  | 586.3  |
| 20°    | 510.0  | 503.7  | 502.7  | 501.9  | 502.7  | 503.7  | 510.0  | 514.9  | 521.3  | 532.9  | 547.7  |
| 22.5°  | 483.0  | 476.4  | 473.6  | 471.6  | 473.6  | 476.4  | 483.0  | 486.8  | 492.6  | 501.6  | 511.6  |
| 25°    | 436.8  | 434.3  | 432.9  | 432.3  | 432.9  | 434.3  | 436.8  | 440.4  | 445.9  | 458.3  | 468.8  |
| 27.5°  | 400.7  | 395.3  | 394.2  | 392.4  | 394.2  | 395.3  | 400.7  | 407.0  | 412.8  | 418.4  | 427.8  |
| 30°    | 380.1  | 378.3  | 375.9  | 373.8  | 375.9  | 378.3  | 380.1  | 383.3  | 387.2  | 396.7  | 405.9  |
| 32.5°  | 355.9  | 354.5  | 352.2  | 351.3  | 352.2  | 354.5  | 355.9  | 360.2  | 368.3  | 374.2  | 380.8  |
| 35°    | 329.1  | 324.1  | 322.1  | 318.9  | 322.1  | 324.1  | 329.1  | 332.6  | 335.8  | 340.7  | 352.7  |
| 37.5°  | 300.8  | 298.1  | 295.2  | 296.2  | 295.2  | 298.1  | 300.8  | 302.2  | 308.9  | 315.8  | 320.9  |
| 40°    | 278.8  | 277.0  | 276.3  | 276.0  | 276.3  | 277.0  | 278.8  | 283.3  | 291.4  | 294.6  | 302.4  |
| 42.5°  | 261.3  | 256.5  | 254.6  | 254.6  | 254.6  | 256.5  | 261.3  | 266.5  | 271.5  | 276.5  | 284.6  |
| 45°    | 234.8  | 230.2  | 227.1  | 227.3  | 227.1  | 230.2  | 234.8  | 236.5  | 240.7  | 251.0  | 255.5  |
| 47.5°  | 207.6  | 207.5  | 205.5  | 206.1  | 205.5  | 207.5  | 207.6  | 210.7  | 216.0  | 222.3  | 229.6  |
| 50°    | 194.6  | 192.6  | 191.1  | 191.4  | 191.1  | 192.6  | 194.6  | 197.1  | 200.3  | 203.4  | 214.7  |
| 52.5°  | 182.3  | 180.4  | 179.3  | 180.8  | 179.3  | 180.4  | 182.3  | 183.6  | 185.9  | 189.1  | 196.7  |
| 55°    | 161.9  | 159.8  | 159.5  | 159.1  | 159.5  | 159.8  | 161.9  | 163.6  | 166.5  | 168.9  | 172.5  |
| 57.5°  | 139.2  | 137.8  | 135.6  | 134.8  | 135.6  | 137.8  | 139.2  | 141.8  | 145.2  | 148.4  | 152.0  |
| 60°    | 122.8  | 120.0  | 116.5  | 116.1  | 116.5  | 120.0  | 122.8  | 127.4  | 128.8  | 133.7  | 138.0  |
| 62.5°  | 107.9  | 107.4  | 106.7  | 106.6  | 106.7  | 107.4  | 107.9  | 109.4  | 111.4  | 118.6  | 123.7  |
| 65°    | 94.7   | 94.3   | 94.7   | 95.0   | 94.7   | 94.3   | 94.7   | 95.4   | 95.8   | 96.4   | 98.6   |
| 67.5°  | 82.5   | 81.9   | 81.2   | 81.5   | 81.2   | 81.9   | 82.5   | 82.7   | 83.6   | 84.1   | 85.5   |
| 70°    | 73.2   | 72.9   | 72.5   | 72.5   | 72.5   | 72.9   | 73.2   | 73.9   | 74.6   | 75.3   | 77.1   |
| 72.5°  | 64.2   | 64.1   | 63.8   | 63.5   | 63.8   | 64.1   | 64.2   | 65.5   | 65.9   | 66.6   | 67.8   |
| 75°    | 51.4   | 50.7   | 50.7   | 50.7   | 50.7   | 50.7   | 51.4   | 51.7   | 52.1   | 53.2   | 53.8   |
| 77.5°  | 39.1   | 38.8   | 38.5   | 38.2   | 38.5   | 38.8   | 39.1   | 39.2   | 39.8   | 40.0   | 40.7   |
| 80°    | 31.0   | 30.6   | 30.3   | 30.3   | 30.3   | 30.6   | 31.0   | 31.3   | 31.3   | 32.4   | 32.0   |
| 82.5°  | 23.7   | 23.3   | 23.2   | 22.9   | 23.2   | 23.3   | 23.7   | 23.8   | 23.8   | 24.5   | 24.4   |
| 85°    | 12.6   | 13.0   | 12.6   | 13.4   | 12.6   | 13.0   | 12.6   | 12.3   | 12.6   | 13.4   | 13.4   |
| 87.5°  | 7.1    | 6.8    | 7.2    | 7.0    | 7.2    | 6.8    | 7.1    | 7.0    | 7.2    | 7.0    | 6.9    |
| 90°    | 17.0   | 17.2   | 17.5   | 17.8   | 17.5   | 17.2   | 17.0   | 16.7   | 16.1   | 15.4   | 14.7   |
| 92.5°  | 17.2   | 17.4   | 17.6   | 17.8   | 17.6   | 17.4   | 17.2   | 17.2   | 16.9   | 16.5   | 16.1   |
| 95°    | 28.8   | 28.7   | 28.6   | 28.4   | 28.6   | 28.7   | 28.8   | 28.9   | 28.7   | 27.9   | 27.2   |
| 97.5°  | 37.3   | 37.5   | 37.7   | 37.9   | 37.7   | 37.5   | 37.3   | 37.1   | 36.8   | 36.2   | 35.6   |
| 100°   | 43.4   | 43.6   | 43.9   | 44.2   | 43.9   | 43.6   | 43.4   | 43.1   | 42.3   | 41.1   | 40.0   |
| 102.5° | 46.2   | 46.6   | 46.9   | 47.4   | 46.9   | 46.6   | 46.2   | 45.7   | 44.8   | 43.3   | 41.8   |
| 105°   | 48.4   | 49.0   | 49.6   | 50.1   | 49.6   | 49.0   | 48.4   | 47.8   | 46.7   | 45.1   | 43.5   |
| 107.5° | 49.9   | 50.4   | 51.0   | 51.6   | 51.0   | 50.4   | 49.9   | 49.3   | 49.8   | 51.5   | 53.1   |
| 110°   | 50.3   | 51.0   | 51.6   | 52.1   | 51.6   | 51.0   | 50.3   | 49.8   | 56.8   | 71.4   | 86.1   |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 51.3  | 51.7  | 52.2  | 52.7  | 52.2  | 51.7  | 51.3  | 50.8  | 77.3  | 130.8 | 184.3 |
| 115°   | 85.8  | 75.2  | 64.7  | 54.1  | 64.7  | 75.2  | 85.8  | 96.3  | 135.5 | 203.4 | 271.4 |
| 117.5° | 325.0 | 290.3 | 255.6 | 220.9 | 255.6 | 290.3 | 325.0 | 359.7 | 385.2 | 401.6 | 418.1 |
| 120°   | 461.8 | 442.1 | 422.3 | 402.5 | 422.3 | 442.1 | 461.8 | 481.6 | 490.7 | 488.9 | 487.2 |
| 122.5° | 513.8 | 509.9 | 506.1 | 502.3 | 506.1 | 509.9 | 513.8 | 517.6 | 519.1 | 517.9 | 516.9 |
| 125°   | 562.8 | 563.3 | 563.7 | 564.1 | 563.7 | 563.3 | 562.8 | 562.4 | 561.7 | 560.6 | 559.6 |
| 127.5° | 602.9 | 603.0 | 603.1 | 603.2 | 603.1 | 603.0 | 602.9 | 602.9 | 602.1 | 600.6 | 599.1 |
| 130°   | 627.9 | 627.8 | 627.6 | 627.5 | 627.6 | 627.8 | 627.9 | 628.1 | 627.4 | 625.8 | 624.2 |
| 132.5° | 651.7 | 651.6 | 651.4 | 651.3 | 651.4 | 651.6 | 651.7 | 651.9 | 651.2 | 649.9 | 648.5 |
| 135°   | 686.5 | 686.2 | 685.9 | 685.6 | 685.9 | 686.2 | 686.5 | 686.7 | 686.2 | 684.7 | 683.2 |
| 137.5° | 718.3 | 717.8 | 717.4 | 716.8 | 717.4 | 717.8 | 718.3 | 718.9 | 718.4 | 716.9 | 715.5 |
| 140°   | 738.6 | 737.8 | 737.1 | 736.4 | 737.1 | 737.8 | 738.6 | 739.3 | 739.0 | 737.7 | 736.4 |
| 142.5° | 757.6 | 756.9 | 756.1 | 755.4 | 756.1 | 756.9 | 757.6 | 758.3 | 758.1 | 756.9 | 755.6 |
| 145°   | 784.1 | 783.3 | 782.6 | 781.9 | 782.6 | 783.3 | 784.1 | 784.9 | 784.7 | 783.6 | 782.6 |
| 147.5° | 807.1 | 806.5 | 805.9 | 805.2 | 805.9 | 806.5 | 807.1 | 807.8 | 807.7 | 806.9 | 806.2 |
| 150°   | 821.7 | 821.0 | 820.2 | 819.5 | 820.2 | 821.0 | 821.7 | 822.5 | 822.4 | 821.5 | 820.6 |
| 152.5° | 834.5 | 833.6 | 832.6 | 831.6 | 832.6 | 833.6 | 834.5 | 835.6 | 835.6 | 834.7 | 833.8 |
| 155°   | 852.1 | 850.9 | 849.7 | 848.6 | 849.7 | 850.9 | 852.1 | 853.2 | 853.4 | 852.5 | 851.6 |
| 157.5° | 867.4 | 866.3 | 865.2 | 863.9 | 865.2 | 866.3 | 867.4 | 868.6 | 868.6 | 867.6 | 866.7 |
| 160°   | 876.0 | 875.0 | 874.0 | 873.0 | 874.0 | 875.0 | 876.0 | 877.0 | 877.1 | 876.3 | 875.3 |
| 162.5° | 884.1 | 882.9 | 881.6 | 880.3 | 881.6 | 882.9 | 884.1 | 885.4 | 885.5 | 884.5 | 883.5 |
| 165°   | 894.5 | 893.5 | 892.5 | 891.5 | 892.5 | 893.5 | 894.5 | 895.5 | 895.5 | 894.5 | 893.5 |
| 167.5° | 902.4 | 901.1 | 899.8 | 898.4 | 899.8 | 901.1 | 902.4 | 903.7 | 903.8 | 902.9 | 901.8 |
| 170°   | 906.6 | 905.3 | 904.0 | 902.7 | 904.0 | 905.3 | 906.6 | 908.0 | 908.0 | 907.0 | 906.1 |
| 172.5° | 909.7 | 908.4 | 907.1 | 905.8 | 907.1 | 908.4 | 909.7 | 911.1 | 911.3 | 910.2 | 909.2 |
| 175°   | 912.9 | 911.5 | 910.0 | 908.6 | 910.0 | 911.5 | 912.9 | 914.5 | 914.6 | 913.6 | 912.7 |
| 177.5° | 913.5 | 912.4 | 911.3 | 910.3 | 911.3 | 912.4 | 913.5 | 914.5 | 914.6 | 913.8 | 913.0 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 974.1  | 978.1  | 984.0  | 987.4  | 993.0  | 996.6  | 998.6  | 1002.3 | 1004.3 | 1011.3 | 1018.6 |
| 5°     | 919.7  | 925.4  | 935.2  | 944.3  | 954.2  | 964.4  | 971.9  | 980.2  | 988.0  | 1001.4 | 1015.5 |
| 7.5°   | 857.3  | 865.2  | 880.4  | 895.0  | 912.2  | 926.6  | 939.3  | 953.8  | 966.7  | 985.8  | 1005.8 |
| 10°    | 810.6  | 824.3  | 844.4  | 858.1  | 880.6  | 895.0  | 915.1  | 930.9  | 949.0  | 974.3  | 996.8  |
| 12.5°  | 770.3  | 786.9  | 803.0  | 822.1  | 842.4  | 866.4  | 888.4  | 908.7  | 930.1  | 956.3  | 982.7  |
| 15°    | 697.3  | 721.2  | 746.2  | 765.5  | 793.1  | 818.3  | 844.0  | 871.5  | 897.6  | 928.9  | 963.4  |
| 17.5°  | 603.2  | 630.9  | 673.0  | 706.2  | 738.4  | 763.8  | 795.6  | 828.9  | 859.5  | 897.3  | 935.7  |
| 20°    | 560.7  | 581.1  | 609.6  | 654.3  | 702.9  | 730.0  | 762.4  | 799.0  | 834.2  | 875.3  | 916.5  |
| 22.5°  | 526.6  | 544.8  | 567.7  | 602.5  | 656.8  | 693.7  | 727.5  | 764.7  | 805.5  | 847.5  | 893.2  |
| 25°    | 478.0  | 490.7  | 514.6  | 542.7  | 580.0  | 640.9  | 677.9  | 715.2  | 759.6  | 804.6  | 856.7  |
| 27.5°  | 441.5  | 452.9  | 468.4  | 495.3  | 523.0  | 566.8  | 625.6  | 666.2  | 710.4  | 761.1  | 815.2  |
| 30°    | 413.6  | 427.0  | 444.2  | 463.2  | 493.5  | 527.6  | 586.4  | 633.6  | 677.2  | 729.3  | 787.0  |
| 32.5°  | 393.3  | 403.9  | 418.6  | 437.9  | 463.1  | 495.8  | 542.7  | 600.0  | 642.5  | 697.5  | 757.7  |
| 35°    | 360.1  | 372.4  | 384.4  | 402.7  | 423.1  | 453.0  | 488.5  | 549.8  | 592.0  | 646.2  | 706.8  |
| 37.5°  | 332.7  | 340.3  | 353.5  | 368.0  | 389.5  | 411.8  | 442.6  | 497.6  | 543.3  | 596.4  | 658.5  |
| 40°    | 311.9  | 321.3  | 331.2  | 347.4  | 365.0  | 386.4  | 416.7  | 457.6  | 510.0  | 562.1  | 622.6  |
| 42.5°  | 291.6  | 303.6  | 314.1  | 324.9  | 344.1  | 365.6  | 390.3  | 424.9  | 478.4  | 527.7  | 586.6  |
| 45°    | 267.1  | 274.9  | 285.8  | 297.7  | 313.6  | 332.0  | 353.7  | 384.0  | 435.4  | 478.0  | 533.3  |
| 47.5°  | 238.7  | 250.1  | 257.1  | 268.8  | 283.9  | 301.3  | 321.6  | 347.8  | 389.5  | 429.3  | 480.6  |
| 50°    | 219.3  | 230.9  | 241.1  | 251.7  | 265.0  | 281.9  | 298.8  | 324.1  | 357.6  | 399.5  | 447.3  |
| 52.5°  | 202.6  | 212.9  | 222.8  | 233.4  | 246.5  | 261.9  | 278.0  | 300.2  | 328.9  | 367.4  | 413.9  |
| 55°    | 179.8  | 186.2  | 196.4  | 207.0  | 218.6  | 233.4  | 248.8  | 267.5  | 292.2  | 324.5  | 362.2  |
| 57.5°  | 156.5  | 163.8  | 171.9  | 182.6  | 194.3  | 205.7  | 219.5  | 236.5  | 255.9  | 285.2  | 317.4  |
| 60°    | 143.3  | 148.9  | 155.6  | 166.5  | 177.4  | 187.6  | 201.0  | 215.1  | 233.4  | 258.7  | 286.2  |
| 62.5°  | 128.7  | 133.9  | 140.1  | 149.6  | 160.2  | 169.6  | 181.3  | 196.2  | 211.7  | 234.8  | 258.8  |
| 65°    | 104.2  | 112.0  | 117.9  | 126.4  | 135.2  | 145.1  | 154.2  | 166.2  | 179.8  | 198.1  | 219.6  |
| 67.5°  | 86.3   | 90.3   | 95.9   | 103.6  | 112.5  | 121.0  | 129.7  | 139.0  | 150.9  | 165.0  | 182.1  |
| 70°    | 78.5   | 79.9   | 81.0   | 88.3   | 96.8   | 105.3  | 113.3  | 122.2  | 132.3  | 143.9  | 158.7  |
| 72.5°  | 69.2   | 70.6   | 71.9   | 75.1   | 81.9   | 90.3   | 98.7   | 105.3  | 114.9  | 124.5  | 136.5  |
| 75°    | 55.0   | 57.0   | 58.1   | 59.9   | 62.3   | 68.0   | 75.7   | 82.0   | 87.7   | 95.0   | 104.5  |
| 77.5°  | 41.8   | 43.0   | 44.1   | 46.0   | 47.5   | 50.1   | 54.5   | 60.2   | 65.5   | 69.7   | 76.3   |
| 80°    | 33.1   | 33.5   | 34.9   | 35.5   | 37.7   | 39.4   | 41.6   | 46.1   | 51.4   | 53.2   | 57.7   |
| 82.5°  | 24.9   | 25.3   | 26.4   | 27.1   | 28.1   | 29.6   | 32.2   | 33.5   | 37.6   | 39.9   | 42.8   |
| 85°    | 13.8   | 13.4   | 14.4   | 14.4   | 15.2   | 15.8   | 16.6   | 18.3   | 19.3   | 22.1   | 22.9   |
| 87.5°  | 7.0    | 6.9    | 6.9    | 6.7    | 6.4    | 6.8    | 6.8    | 6.7    | 7.0    | 7.5    | 8.3    |
| 90°    | 13.9   | 13.2   | 12.1   | 10.8   | 9.7    | 8.5    | 7.1    | 5.5    | 3.9    | 2.3    | 0.7    |
| 92.5°  | 15.6   | 15.3   | 14.7   | 14.1   | 13.6   | 13.0   | 12.7   | 12.9   | 13.0   | 13.2   | 13.3   |
| 95°    | 26.5   | 25.7   | 24.7   | 23.7   | 22.6   | 21.6   | 23.6   | 28.4   | 33.2   | 38.1   | 42.9   |
| 97.5°  | 35.1   | 34.4   | 32.0   | 29.7   | 27.3   | 25.0   | 30.5   | 44.2   | 57.9   | 71.4   | 85.1   |
| 100°   | 38.7   | 37.6   | 35.2   | 32.6   | 30.2   | 27.6   | 36.5   | 56.6   | 76.6   | 96.7   | 116.8  |
| 102.5° | 40.2   | 38.6   | 59.5   | 80.4   | 101.2  | 122.1  | 134.6  | 138.8  | 143.1  | 147.4  | 151.7  |
| 105°   | 41.8   | 40.2   | 80.3   | 120.3  | 160.3  | 200.4  | 218.2  | 213.8  | 209.4  | 205.0  | 200.6  |
| 107.5° | 54.7   | 56.4   | 104.3  | 152.4  | 200.4  | 248.4  | 270.6  | 267.0  | 263.5  | 260.0  | 256.4  |
| 110°   | 100.9  | 115.5  | 157.9  | 200.2  | 242.6  | 284.9  | 304.6  | 301.5  | 298.5  | 295.4  | 292.3  |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.8 | 291.2 | 301.7 | 312.2 | 322.6 | 333.1 | 337.0 | 334.2 | 331.6 | 328.9 | 326.1 |
| 115°   | 339.2 | 407.1 | 403.4 | 399.8 | 396.2 | 392.5 | 389.4 | 386.9 | 384.4 | 381.9 | 379.4 |
| 117.5° | 434.5 | 450.9 | 448.4 | 445.9 | 443.4 | 440.8 | 438.2 | 435.4 | 432.6 | 429.8 | 427.1 |
| 120°   | 485.4 | 483.6 | 481.0 | 478.3 | 475.7 | 473.1 | 470.7 | 468.4 | 466.3 | 464.1 | 461.8 |
| 122.5° | 515.9 | 514.8 | 511.9 | 509.1 | 506.1 | 503.3 | 500.7 | 498.4 | 496.1 | 493.8 | 491.4 |
| 125°   | 558.6 | 557.5 | 554.8 | 552.0 | 549.2 | 546.4 | 544.0 | 542.2 | 540.3 | 538.4 | 536.4 |
| 127.5° | 597.6 | 596.1 | 594.0 | 591.9 | 589.8 | 587.8 | 585.7 | 583.5 | 581.5 | 579.3 | 577.2 |
| 130°   | 622.5 | 620.9 | 619.3 | 617.6 | 616.0 | 614.4 | 612.5 | 610.1 | 607.8 | 605.4 | 603.0 |
| 132.5° | 647.1 | 645.7 | 644.1 | 642.4 | 640.8 | 639.2 | 637.4 | 635.5 | 633.5 | 631.5 | 629.5 |
| 135°   | 681.7 | 680.3 | 679.0 | 677.7 | 676.4 | 675.0 | 673.2 | 670.8 | 668.5 | 666.1 | 663.8 |
| 137.5° | 714.1 | 712.7 | 711.1 | 709.6 | 708.1 | 706.6 | 705.0 | 703.4 | 701.8 | 700.1 | 698.5 |
| 140°   | 735.1 | 733.8 | 732.1 | 730.5 | 728.9 | 727.3 | 725.9 | 724.7 | 723.5 | 722.4 | 721.2 |
| 142.5° | 754.5 | 753.3 | 751.4 | 749.6 | 747.7 | 745.8 | 744.4 | 743.4 | 742.3 | 741.2 | 740.2 |
| 145°   | 781.7 | 780.6 | 778.1 | 775.6 | 773.1 | 770.6 | 769.4 | 769.6 | 769.8 | 769.9 | 770.1 |
| 147.5° | 805.4 | 804.6 | 802.1 | 799.7 | 797.2 | 794.8 | 793.8 | 794.4 | 794.9 | 795.5 | 796.0 |
| 150°   | 819.7 | 818.9 | 816.5 | 814.2 | 811.8 | 809.5 | 808.8 | 809.8 | 810.9 | 811.9 | 812.9 |
| 152.5° | 832.9 | 832.1 | 829.8 | 827.6 | 825.4 | 823.1 | 822.6 | 823.7 | 824.9 | 826.0 | 827.2 |
| 155°   | 850.7 | 849.9 | 848.1 | 846.3 | 844.6 | 842.8 | 842.6 | 844.0 | 845.3 | 846.6 | 847.9 |
| 157.5° | 865.6 | 864.6 | 863.4 | 862.1 | 860.9 | 859.7 | 859.7 | 860.7 | 861.9 | 863.0 | 864.1 |
| 160°   | 874.5 | 873.6 | 872.7 | 871.9 | 871.0 | 870.1 | 870.1 | 871.0 | 871.9 | 872.7 | 873.6 |
| 162.5° | 882.5 | 881.6 | 880.8 | 880.1 | 879.2 | 878.4 | 878.5 | 879.4 | 880.3 | 881.2 | 882.0 |
| 165°   | 892.5 | 891.5 | 891.0 | 890.5 | 890.1 | 889.7 | 889.9 | 890.8 | 891.6 | 892.5 | 893.4 |
| 167.5° | 900.8 | 899.8 | 899.4 | 898.9 | 898.5 | 898.1 | 898.3 | 899.2 | 900.1 | 901.0 | 901.8 |
| 170°   | 905.0 | 904.0 | 903.7 | 903.4 | 903.1 | 902.8 | 903.1 | 904.0 | 904.8 | 905.7 | 906.6 |
| 172.5° | 908.1 | 907.1 | 906.8 | 906.5 | 906.3 | 906.0 | 906.3 | 907.1 | 908.0 | 908.9 | 909.7 |
| 175°   | 911.6 | 910.6 | 910.3 | 910.0 | 909.6 | 909.4 | 909.7 | 910.8 | 911.8 | 912.9 | 913.9 |
| 177.5° | 912.2 | 911.3 | 911.3 | 911.2 | 911.0 | 910.9 | 911.3 | 912.1 | 912.9 | 913.7 | 914.5 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 1018.9 | 1019.7 | 1025.4 | 1027.9 | 1033.0 | 1035.0 | 1037.2 | 1036.6 | 1036.6 | 1037.7 | 1045.7 |
| 5°     | 1021.1 | 1028.1 | 1038.7 | 1048.9 | 1058.8 | 1067.2 | 1072.8 | 1078.5 | 1080.5 | 1090.8 | 1099.9 |
| 7.5°   | 1017.5 | 1030.4 | 1047.8 | 1063.4 | 1082.0 | 1096.6 | 1108.7 | 1119.6 | 1127.1 | 1142.0 | 1157.2 |
| 10°    | 1012.7 | 1031.0 | 1050.7 | 1070.7 | 1096.5 | 1115.8 | 1135.5 | 1150.7 | 1155.6 | 1177.7 | 1190.4 |
| 12.5°  | 1003.1 | 1027.6 | 1052.6 | 1078.6 | 1103.7 | 1130.4 | 1152.1 | 1167.2 | 1184.6 | 1204.5 | 1227.9 |
| 15°    | 988.7  | 1016.9 | 1049.6 | 1083.1 | 1119.0 | 1151.3 | 1174.6 | 1201.0 | 1219.9 | 1241.8 | 1262.2 |
| 17.5°  | 968.1  | 1004.4 | 1045.9 | 1084.7 | 1126.1 | 1160.9 | 1193.0 | 1218.2 | 1231.6 | 1244.1 | 1247.2 |
| 20°    | 951.8  | 990.8  | 1039.7 | 1085.5 | 1127.0 | 1167.2 | 1198.8 | 1219.9 | 1223.5 | 1223.8 | 1205.1 |
| 22.5°  | 934.1  | 978.2  | 1029.4 | 1076.2 | 1125.9 | 1170.5 | 1195.1 | 1204.2 | 1190.2 | 1166.4 | 1130.3 |
| 25°    | 901.4  | 952.4  | 1011.9 | 1065.5 | 1119.6 | 1161.9 | 1170.4 | 1154.5 | 1105.6 | 1054.1 | 989.1  |
| 27.5°  | 866.1  | 923.4  | 987.2  | 1046.7 | 1104.5 | 1130.7 | 1112.4 | 1055.3 | 967.1  | 890.6  | 797.8  |
| 30°    | 840.2  | 904.6  | 967.2  | 1033.8 | 1087.2 | 1098.5 | 1056.7 | 972.5  | 869.8  | 754.3  | 661.8  |
| 32.5°  | 810.6  | 878.1  | 947.0  | 1015.8 | 1060.5 | 1049.5 | 980.3  | 876.8  | 756.3  | 642.8  | 555.3  |
| 35°    | 768.4  | 838.1  | 912.3  | 981.3  | 1009.8 | 962.3  | 858.8  | 724.1  | 600.9  | 494.9  | 434.7  |
| 37.5°  | 719.6  | 795.5  | 872.7  | 936.0  | 934.1  | 854.8  | 713.9  | 574.7  | 471.2  | 408.5  | 365.6  |
| 40°    | 684.9  | 761.7  | 845.1  | 898.6  | 875.7  | 772.6  | 619.8  | 488.5  | 412.8  | 362.9  | 331.6  |
| 42.5°  | 651.8  | 728.8  | 811.6  | 854.1  | 814.4  | 687.6  | 535.4  | 432.5  | 370.0  | 331.1  | 305.7  |
| 45°    | 595.2  | 676.5  | 753.3  | 776.8  | 705.7  | 566.0  | 432.9  | 358.4  | 316.8  | 287.9  | 270.3  |
| 47.5°  | 540.0  | 619.9  | 689.9  | 690.4  | 594.2  | 459.0  | 365.2  | 310.1  | 274.7  | 252.3  | 239.5  |
| 50°    | 506.1  | 582.2  | 640.9  | 631.8  | 522.7  | 408.3  | 326.6  | 279.1  | 249.6  | 232.3  | 219.0  |
| 52.5°  | 468.2  | 541.9  | 592.8  | 566.8  | 462.1  | 359.3  | 292.0  | 252.1  | 227.6  | 212.6  | 200.7  |
| 55°    | 412.8  | 478.3  | 514.3  | 474.9  | 377.0  | 298.8  | 246.8  | 215.4  | 197.1  | 184.5  | 174.3  |
| 57.5°  | 358.6  | 412.6  | 435.2  | 389.3  | 310.5  | 247.8  | 208.7  | 185.2  | 167.0  | 158.0  | 152.7  |
| 60°    | 324.5  | 370.6  | 386.4  | 335.8  | 269.9  | 216.8  | 184.8  | 163.0  | 149.6  | 143.6  | 138.4  |
| 62.5°  | 291.1  | 328.7  | 335.3  | 288.8  | 235.4  | 189.8  | 162.3  | 143.8  | 135.0  | 129.2  | 124.2  |
| 65°    | 241.5  | 268.5  | 265.4  | 228.1  | 186.2  | 150.6  | 130.5  | 119.3  | 112.6  | 104.5  | 95.8   |
| 67.5°  | 198.8  | 215.4  | 205.4  | 177.4  | 142.1  | 117.1  | 104.0  | 95.5   | 87.2   | 79.5   | 77.5   |
| 70°    | 171.7  | 181.3  | 170.7  | 145.1  | 116.5  | 98.2   | 87.7   | 77.5   | 72.5   | 70.8   | 67.6   |
| 72.5°  | 145.9  | 149.2  | 137.8  | 115.7  | 94.8   | 81.3   | 71.1   | 65.3   | 62.7   | 61.2   | 59.1   |
| 75°    | 109.4  | 107.0  | 97.2   | 79.9   | 65.8   | 56.6   | 53.5   | 51.4   | 49.7   | 48.3   | 47.1   |
| 77.5°  | 76.9   | 73.2   | 64.5   | 53.3   | 45.8   | 41.5   | 39.6   | 38.5   | 37.6   | 36.9   | 35.8   |
| 80°    | 57.7   | 55.2   | 46.5   | 38.0   | 34.9   | 32.7   | 31.7   | 30.3   | 30.3   | 29.6   | 28.5   |
| 82.5°  | 42.2   | 39.5   | 31.9   | 27.9   | 26.1   | 24.9   | 24.0   | 23.2   | 22.9   | 23.1   | 22.3   |
| 85°    | 22.1   | 17.9   | 15.8   | 15.2   | 14.0   | 13.4   | 13.8   | 13.0   | 13.0   | 13.0   | 12.6   |
| 87.5°  | 7.3    | 6.1    | 6.1    | 6.2    | 6.8    | 7.0    | 7.0    | 7.2    | 7.7    | 7.5    | 8.0    |
| 90°    | 2.3    | 3.9    | 5.5    | 7.1    | 8.5    | 9.7    | 10.8   | 12.1   | 13.2   | 13.9   | 14.7   |
| 92.5°  | 13.2   | 13.0   | 12.9   | 12.7   | 13.0   | 13.6   | 14.1   | 14.7   | 15.3   | 15.6   | 16.1   |
| 95°    | 38.1   | 33.2   | 28.4   | 23.6   | 21.6   | 22.6   | 23.7   | 24.7   | 25.7   | 26.5   | 27.2   |
| 97.5°  | 71.4   | 57.9   | 44.2   | 30.5   | 25.0   | 27.3   | 29.7   | 32.0   | 34.4   | 35.1   | 35.6   |
| 100°   | 96.7   | 76.6   | 56.6   | 36.5   | 27.6   | 30.2   | 32.6   | 35.2   | 37.6   | 38.7   | 40.0   |
| 102.5° | 147.4  | 143.1  | 138.8  | 134.6  | 122.1  | 101.2  | 80.4   | 59.5   | 38.6   | 40.2   | 41.8   |
| 105°   | 205.0  | 209.4  | 213.8  | 218.2  | 200.4  | 160.3  | 120.3  | 80.3   | 40.2   | 41.8   | 43.5   |
| 107.5° | 260.0  | 263.5  | 267.0  | 270.6  | 248.4  | 200.4  | 152.4  | 104.3  | 56.4   | 54.7   | 53.1   |
| 110°   | 295.4  | 298.5  | 301.5  | 304.6  | 284.9  | 242.6  | 200.2  | 157.9  | 115.5  | 100.9  | 86.1   |





TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 328.9 | 331.6 | 334.2 | 337.0 | 333.1 | 322.6 | 312.2 | 301.7 | 291.2 | 237.8 | 184.3 |
| 115°   | 381.9 | 384.4 | 386.9 | 389.4 | 392.5 | 396.2 | 399.8 | 403.4 | 407.1 | 339.2 | 271.4 |
| 117.5° | 429.8 | 432.6 | 435.4 | 438.2 | 440.8 | 443.4 | 445.9 | 448.4 | 450.9 | 434.5 | 418.1 |
| 120°   | 464.1 | 466.3 | 468.4 | 470.7 | 473.1 | 475.7 | 478.3 | 481.0 | 483.6 | 485.4 | 487.2 |
| 122.5° | 493.8 | 496.1 | 498.4 | 500.7 | 503.3 | 506.1 | 509.1 | 511.9 | 514.8 | 515.9 | 516.9 |
| 125°   | 538.4 | 540.3 | 542.2 | 544.0 | 546.4 | 549.2 | 552.0 | 554.8 | 557.5 | 558.6 | 559.6 |
| 127.5° | 579.3 | 581.5 | 583.5 | 585.7 | 587.8 | 589.8 | 591.9 | 594.0 | 596.1 | 597.6 | 599.1 |
| 130°   | 605.4 | 607.8 | 610.1 | 612.5 | 614.4 | 616.0 | 617.6 | 619.3 | 620.9 | 622.5 | 624.2 |
| 132.5° | 631.5 | 633.5 | 635.5 | 637.4 | 639.2 | 640.8 | 642.4 | 644.1 | 645.7 | 647.1 | 648.5 |
| 135°   | 666.1 | 668.5 | 670.8 | 673.2 | 675.0 | 676.4 | 677.7 | 679.0 | 680.3 | 681.7 | 683.2 |
| 137.5° | 700.1 | 701.8 | 703.4 | 705.0 | 706.6 | 708.1 | 709.6 | 711.1 | 712.7 | 714.1 | 715.5 |
| 140°   | 722.4 | 723.5 | 724.7 | 725.9 | 727.3 | 728.9 | 730.5 | 732.1 | 733.8 | 735.1 | 736.4 |
| 142.5° | 741.2 | 742.3 | 743.4 | 744.4 | 745.8 | 747.7 | 749.6 | 751.4 | 753.3 | 754.5 | 755.6 |
| 145°   | 769.9 | 769.8 | 769.6 | 769.4 | 770.6 | 773.1 | 775.6 | 778.1 | 780.6 | 781.7 | 782.6 |
| 147.5° | 795.5 | 794.9 | 794.4 | 793.8 | 794.8 | 797.2 | 799.7 | 802.1 | 804.6 | 805.4 | 806.2 |
| 150°   | 811.9 | 810.9 | 809.8 | 808.8 | 809.5 | 811.8 | 814.2 | 816.5 | 818.9 | 819.7 | 820.6 |
| 152.5° | 826.0 | 824.9 | 823.7 | 822.6 | 823.1 | 825.4 | 827.6 | 829.8 | 832.1 | 832.9 | 833.8 |
| 155°   | 846.6 | 845.3 | 844.0 | 842.6 | 842.8 | 844.6 | 846.3 | 848.1 | 849.9 | 850.7 | 851.6 |
| 157.5° | 863.0 | 861.9 | 860.7 | 859.7 | 859.7 | 860.9 | 862.1 | 863.4 | 864.6 | 865.6 | 866.7 |
| 160°   | 872.7 | 871.9 | 871.0 | 870.1 | 870.1 | 871.0 | 871.9 | 872.7 | 873.6 | 874.5 | 875.3 |
| 162.5° | 881.2 | 880.3 | 879.4 | 878.5 | 878.4 | 879.2 | 880.1 | 880.8 | 881.6 | 882.5 | 883.5 |
| 165°   | 892.5 | 891.6 | 890.8 | 889.9 | 889.7 | 890.1 | 890.5 | 891.0 | 891.5 | 892.5 | 893.5 |
| 167.5° | 901.0 | 900.1 | 899.2 | 898.3 | 898.1 | 898.5 | 898.9 | 899.4 | 899.8 | 900.8 | 901.8 |
| 170°   | 905.7 | 904.8 | 904.0 | 903.1 | 902.8 | 903.1 | 903.4 | 903.7 | 904.0 | 905.0 | 906.1 |
| 172.5° | 908.9 | 908.0 | 907.1 | 906.3 | 906.0 | 906.3 | 906.5 | 906.8 | 907.1 | 908.1 | 909.2 |
| 175°   | 912.9 | 911.8 | 910.8 | 909.7 | 909.4 | 909.6 | 910.0 | 910.3 | 910.6 | 911.6 | 912.7 |
| 177.5° | 913.7 | 912.9 | 912.1 | 911.3 | 910.9 | 911.0 | 911.2 | 911.3 | 911.3 | 912.2 | 913.0 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5°   | 1048.5 | 1052.2 | 1053.9 | 1053.9 | 1055.8 | 1055.0 | 1054.1 |
| 5°     | 1108.7 | 1115.4 | 1116.8 | 1123.1 | 1127.8 | 1126.3 | 1127.0 |
| 7.5°   | 1168.7 | 1179.4 | 1190.1 | 1194.9 | 1195.7 | 1198.5 | 1199.6 |
| 10°    | 1205.5 | 1214.4 | 1230.9 | 1228.4 | 1240.8 | 1247.7 | 1236.1 |
| 12.5°  | 1241.0 | 1252.9 | 1264.4 | 1267.5 | 1274.5 | 1276.8 | 1272.1 |
| 15°    | 1273.1 | 1279.4 | 1280.2 | 1278.4 | 1280.5 | 1278.7 | 1272.1 |
| 17.5°  | 1243.1 | 1232.8 | 1212.0 | 1202.1 | 1194.3 | 1182.8 | 1178.2 |
| 20°    | 1193.5 | 1163.3 | 1128.1 | 1114.0 | 1097.5 | 1065.1 | 1072.8 |
| 22.5°  | 1086.6 | 1052.1 | 1016.9 | 975.7  | 956.1  | 925.4  | 923.6  |
| 25°    | 920.1  | 860.6  | 795.1  | 749.3  | 722.6  | 692.0  | 678.6  |
| 27.5°  | 715.4  | 640.5  | 586.8  | 559.7  | 534.9  | 510.7  | 509.6  |
| 30°    | 580.8  | 524.4  | 483.0  | 459.7  | 444.6  | 434.3  | 436.5  |
| 32.5°  | 489.6  | 450.9  | 422.9  | 403.7  | 392.5  | 384.7  | 384.7  |
| 35°    | 400.2  | 373.8  | 355.8  | 347.8  | 339.7  | 334.0  | 334.4  |
| 37.5°  | 342.5  | 326.6  | 316.6  | 307.7  | 302.7  | 299.9  | 298.3  |
| 40°    | 312.9  | 299.9  | 292.2  | 286.9  | 282.7  | 278.8  | 278.1  |
| 42.5°  | 289.5  | 278.8  | 271.0  | 266.8  | 263.0  | 260.1  | 259.5  |
| 45°    | 256.9  | 248.2  | 241.1  | 236.5  | 234.8  | 232.3  | 232.3  |
| 47.5°  | 228.6  | 219.9  | 214.4  | 211.5  | 208.5  | 206.9  | 206.8  |
| 50°    | 209.4  | 202.7  | 197.8  | 196.0  | 193.6  | 192.6  | 192.2  |
| 52.5°  | 192.3  | 187.3  | 183.7  | 182.6  | 181.4  | 180.1  | 180.3  |
| 55°    | 168.9  | 166.2  | 164.8  | 163.6  | 161.9  | 159.8  | 161.2  |
| 57.5°  | 149.3  | 146.9  | 143.1  | 139.8  | 138.2  | 136.7  | 137.2  |
| 60°    | 135.5  | 130.5  | 125.6  | 121.8  | 120.7  | 117.5  | 117.5  |
| 62.5°  | 118.1  | 111.1  | 105.1  | 102.9  | 101.9  | 100.4  | 100.1  |
| 65°    | 90.8   | 88.0   | 86.6   | 85.2   | 84.5   | 84.5   | 83.8   |
| 67.5°  | 75.2   | 74.1   | 72.6   | 72.2   | 71.5   | 71.4   | 71.1   |
| 70°    | 66.5   | 65.1   | 64.4   | 64.1   | 63.3   | 63.7   | 62.7   |
| 72.5°  | 58.1   | 56.9   | 56.8   | 55.9   | 55.5   | 55.5   | 54.8   |
| 75°    | 45.7   | 45.7   | 45.4   | 45.1   | 44.4   | 44.0   | 44.4   |
| 77.5°  | 35.2   | 35.3   | 34.6   | 34.6   | 34.5   | 34.6   | 34.2   |
| 80°    | 28.2   | 28.5   | 28.2   | 27.8   | 27.4   | 27.8   | 27.4   |
| 82.5°  | 22.2   | 21.8   | 21.7   | 21.6   | 21.6   | 21.3   | 21.3   |
| 85°    | 12.6   | 13.0   | 12.6   | 12.3   | 12.3   | 12.3   | 12.6   |
| 87.5°  | 7.8    | 8.0    | 8.1    | 8.2    | 8.2    | 8.3    | 8.1    |
| 90°    | 15.4   | 16.1   | 16.7   | 17.0   | 17.2   | 17.5   | 17.8   |
| 92.5°  | 16.5   | 16.9   | 17.2   | 17.2   | 17.4   | 17.6   | 17.8   |
| 95°    | 27.9   | 28.7   | 28.9   | 28.8   | 28.7   | 28.6   | 28.4   |
| 97.5°  | 36.2   | 36.8   | 37.1   | 37.3   | 37.5   | 37.7   | 37.9   |
| 100°   | 41.1   | 42.3   | 43.1   | 43.4   | 43.6   | 43.9   | 44.2   |
| 102.5° | 43.3   | 44.8   | 45.7   | 46.2   | 46.6   | 46.9   | 47.4   |
| 105°   | 45.1   | 46.7   | 47.8   | 48.4   | 49.0   | 49.6   | 50.1   |
| 107.5° | 51.5   | 49.8   | 49.3   | 49.9   | 50.4   | 51.0   | 51.6   |
| 110°   | 71.4   | 56.8   | 49.8   | 50.3   | 51.0   | 51.6   | 52.1   |



TEST NUMBER: P331789-830

CATALOG NUMBER: S122RDIW-S485D710U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 130.8 | 77.3  | 50.8  | 51.3  | 51.7  | 52.2  | 52.7  |
| 115°   | 203.4 | 135.5 | 96.3  | 85.8  | 75.2  | 64.7  | 54.1  |
| 117.5° | 401.6 | 385.2 | 359.7 | 325.0 | 290.3 | 255.6 | 220.9 |
| 120°   | 488.9 | 490.7 | 481.6 | 461.8 | 442.1 | 422.3 | 402.5 |
| 122.5° | 517.9 | 519.1 | 517.6 | 513.8 | 509.9 | 506.1 | 502.3 |
| 125°   | 560.6 | 561.7 | 562.4 | 562.8 | 563.3 | 563.7 | 564.1 |
| 127.5° | 600.6 | 602.1 | 602.9 | 602.9 | 603.0 | 603.1 | 603.2 |
| 130°   | 625.8 | 627.4 | 628.1 | 627.9 | 627.8 | 627.6 | 627.5 |
| 132.5° | 649.9 | 651.2 | 651.9 | 651.7 | 651.6 | 651.4 | 651.3 |
| 135°   | 684.7 | 686.2 | 686.7 | 686.5 | 686.2 | 685.9 | 685.6 |
| 137.5° | 716.9 | 718.4 | 718.9 | 718.3 | 717.8 | 717.4 | 716.8 |
| 140°   | 737.7 | 739.0 | 739.3 | 738.6 | 737.8 | 737.1 | 736.4 |
| 142.5° | 756.9 | 758.1 | 758.3 | 757.6 | 756.9 | 756.1 | 755.4 |
| 145°   | 783.6 | 784.7 | 784.9 | 784.1 | 783.3 | 782.6 | 781.9 |
| 147.5° | 806.9 | 807.7 | 807.8 | 807.1 | 806.5 | 805.9 | 805.2 |
| 150°   | 821.5 | 822.4 | 822.5 | 821.7 | 821.0 | 820.2 | 819.5 |
| 152.5° | 834.7 | 835.6 | 835.6 | 834.5 | 833.6 | 832.6 | 831.6 |
| 155°   | 852.5 | 853.4 | 853.2 | 852.1 | 850.9 | 849.7 | 848.6 |
| 157.5° | 867.6 | 868.6 | 868.6 | 867.4 | 866.3 | 865.2 | 863.9 |
| 160°   | 876.3 | 877.1 | 877.0 | 876.0 | 875.0 | 874.0 | 873.0 |
| 162.5° | 884.5 | 885.5 | 885.4 | 884.1 | 882.9 | 881.6 | 880.3 |
| 165°   | 894.5 | 895.5 | 895.5 | 894.5 | 893.5 | 892.5 | 891.5 |
| 167.5° | 902.9 | 903.8 | 903.7 | 902.4 | 901.1 | 899.8 | 898.4 |
| 170°   | 907.0 | 908.0 | 908.0 | 906.6 | 905.3 | 904.0 | 902.7 |
| 172.5° | 910.2 | 911.3 | 911.1 | 909.7 | 908.4 | 907.1 | 905.8 |
| 175°   | 913.6 | 914.6 | 914.5 | 912.9 | 911.5 | 910.0 | 908.6 |
| 177.5° | 913.8 | 914.6 | 914.5 | 913.5 | 912.4 | 911.3 | 910.3 |
| 180°   | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 | 911.9 |

(END OF REPORT)