

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: P332406-930

Luminaire Tested: **S123RDIW-S340D1535U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332406-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIW-S340D1535U930-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1535 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

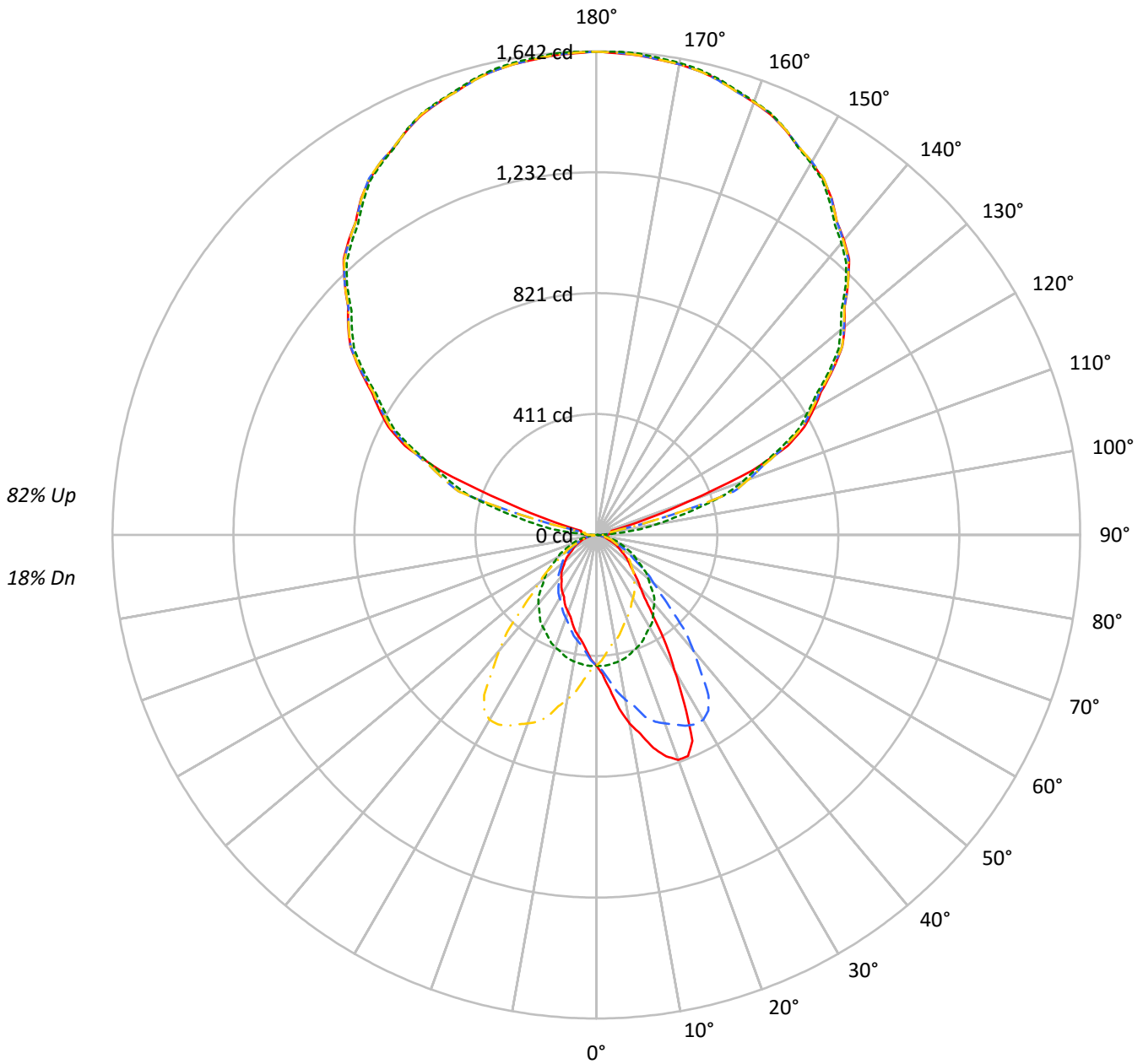
Lumens per Lamp: N/A  
Luminaire Lumens: 6112.4 lumens  
Efficiency: N/A  
Efficacy: 114.5 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 53.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332406-930

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · - 135°-315°



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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   | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 45 | 45 | 45 | 27 | 27 | 27 | 18 |
| 1   | 91  | 87  | 83  | 80  | 80 | 77 | 74 | 71 | 58 | 56 | 54 | 40 | 39 | 38 | 24 | 23 | 23 | 16 |
| 2   | 83  | 76  | 70  | 66  | 73 | 67 | 62 | 58 | 51 | 48 | 45 | 35 | 34 | 32 | 21 | 20 | 20 | 13 |
| 3   | 76  | 67  | 60  | 55  | 66 | 59 | 54 | 49 | 45 | 41 | 38 | 31 | 29 | 27 | 19 | 18 | 17 | 12 |
| 4   | 69  | 59  | 52  | 46  | 61 | 52 | 46 | 42 | 40 | 36 | 32 | 28 | 25 | 23 | 17 | 16 | 15 | 10 |
| 5   | 63  | 53  | 45  | 39  | 56 | 47 | 40 | 36 | 36 | 31 | 28 | 25 | 22 | 20 | 15 | 14 | 13 | 9  |
| 6   | 58  | 47  | 39  | 34  | 51 | 42 | 35 | 31 | 32 | 27 | 24 | 23 | 20 | 18 | 14 | 13 | 11 | 8  |
| 7   | 54  | 42  | 35  | 30  | 47 | 38 | 31 | 27 | 29 | 24 | 21 | 21 | 18 | 16 | 13 | 11 | 10 | 7  |
| 8   | 50  | 38  | 31  | 26  | 44 | 34 | 28 | 24 | 26 | 22 | 19 | 19 | 16 | 14 | 12 | 10 | 9  | 6  |
| 9   | 46  | 35  | 28  | 23  | 41 | 31 | 25 | 21 | 24 | 20 | 17 | 17 | 14 | 12 | 11 | 9  | 8  | 6  |
| 10  | 43  | 32  | 25  | 20  | 38 | 28 | 22 | 19 | 22 | 18 | 15 | 16 | 13 | 11 | 10 | 9  | 7  | 5  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4776 | 4776 | 4776 | 4776 |
| 5°  | 5693 | 4796 | 4224 | 4796 |
| 10° | 7109 | 4769 | 3816 | 4769 |
| 15° | 8344 | 4719 | 3480 | 4719 |
| 20° | 9313 | 4647 | 3194 | 4647 |
| 25° | 9164 | 4570 | 3018 | 4570 |
| 30° | 6586 | 4501 | 2838 | 4501 |
| 35° | 4398 | 4407 | 2720 | 4407 |
| 40° | 3240 | 4297 | 2599 | 4297 |
| 45° | 2719 | 4102 | 2481 | 4102 |
| 50° | 2398 | 3848 | 2316 | 3848 |
| 55° | 2104 | 3558 | 2089 | 3558 |
| 60° | 1873 | 3279 | 1914 | 3279 |
| 65° | 1645 | 2980 | 1780 | 2980 |
| 70° | 1290 | 2716 | 1627 | 2716 |
| 75° | 1135 | 2371 | 1485 | 2371 |
| 80° | 992  | 2008 | 1463 | 2008 |
| 85° | 790  | 1618 | 1556 | 1618 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 43.6   | 0.7       |
| 10°-20°   | 136.3  | 2.2       |
| 20°-30°   | 214.2  | 3.5       |
| 30°-40°   | 223.4  | 3.7       |
| 40°-50°   | 191.2  | 3.1       |
| 50°-60°   | 145.7  | 2.4       |
| 60°-70°   | 93.4   | 1.5       |
| 70°-80°   | 44.9   | 0.7       |
| 80°-90°   | 16.5   | 0.3       |
| 90°-100°  | 59.6   | 1.0       |
| 100°-110° | 284.3  | 4.7       |
| 110°-120° | 682.8  | 11.2      |
| 120°-130° | 869.5  | 14.2      |
| 130°-140° | 929.1  | 15.2      |
| 140°-150° | 868.8  | 14.2      |
| 150°-160° | 700.8  | 11.5      |
| 160°-170° | 452.3  | 7.4       |
| 170°-180° | 155.9  | 2.6       |
| 0°-30°    | 394.1  | 6.4       |
| 0°-40°    | 617.6  | 10.1      |
| 0°-60°    | 954.5  | 15.6      |
| 0°-90°    | 1109.4 | 18.1      |
| 90°-120°  | 1026.8 | 16.8      |
| 90°-150°  | 3694.1 | 60.4      |
| 90°-180°  | 5003.0 | 81.9      |
| 0°-180°   | 6112.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 444  | 444  | 444  | 444  | 444  |      |
| 5°   | 527  | 444  | 391  | 444  | 527  | 54   |
| 15°  | 749  | 424  | 312  | 424  | 749  | 212  |
| 25°  | 772  | 385  | 254  | 385  | 772  | 332  |
| 35°  | 335  | 335  | 207  | 335  | 335  | 219  |
| 45°  | 179  | 270  | 163  | 270  | 179  | 140  |
| 55°  | 112  | 190  | 111  | 190  | 112  | 101  |
| 65°  | 65   | 117  | 70   | 117  | 65   | 64   |
| 75°  | 27   | 57   | 36   | 57   | 27   | 29   |
| 85°  | 6    | 13   | 13   | 13   | 6    | 8    |
| 90°  | 36   | 1    | 36   | 1    | 36   | 17   |
| 95°  | 46   | 74   | 46   | 74   | 46   | 39   |
| 105° | 54   | 363  | 54   | 363  | 54   | 123  |
| 115° | 717  | 681  | 717  | 681  | 717  | 662  |
| 125° | 980  | 960  | 980  | 960  | 980  | 875  |
| 135° | 1208 | 1196 | 1208 | 1196 | 1208 | 931  |
| 145° | 1393 | 1380 | 1393 | 1380 | 1393 | 870  |
| 155° | 1518 | 1520 | 1518 | 1520 | 1518 | 700  |
| 165° | 1599 | 1603 | 1599 | 1603 | 1599 | 452  |
| 175° | 1634 | 1640 | 1634 | 1640 | 1634 | 156  |
| 180° | 1640 | 1640 | 1640 | 1640 | 1640 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 472.6 | 473.2 | 471.2 | 470.9 | 468.6 | 468.1 | 468.1 | 464.8 | 462.8 | 460.3 | 458.8 |
| 5°     | 526.9 | 529.9 | 528.4 | 525.1 | 519.3 | 518.0 | 514.4 | 508.7 | 502.2 | 494.2 | 490.5 |
| 7.5°   | 594.8 | 598.9 | 597.3 | 592.1 | 586.0 | 581.2 | 571.0 | 561.6 | 548.4 | 536.7 | 526.8 |
| 10°    | 650.4 | 646.0 | 642.6 | 637.5 | 631.9 | 623.1 | 612.4 | 597.8 | 580.9 | 567.5 | 552.8 |
| 12.5°  | 692.0 | 691.3 | 687.0 | 681.7 | 673.9 | 665.4 | 652.3 | 634.5 | 614.9 | 595.7 | 578.7 |
| 15°    | 748.8 | 749.9 | 747.1 | 741.6 | 730.5 | 715.5 | 695.8 | 688.4 | 660.2 | 639.4 | 618.5 |
| 17.5°  | 788.1 | 787.8 | 787.4 | 779.8 | 768.6 | 757.9 | 739.6 | 720.1 | 694.6 | 665.2 | 637.1 |
| 20°    | 813.0 | 811.1 | 811.5 | 802.9 | 794.6 | 782.2 | 764.3 | 736.1 | 715.2 | 681.2 | 652.1 |
| 22.5°  | 812.4 | 812.0 | 813.4 | 810.5 | 804.5 | 795.0 | 780.9 | 757.0 | 730.3 | 696.0 | 663.3 |
| 25°    | 771.6 | 770.1 | 778.9 | 781.5 | 791.2 | 792.9 | 788.6 | 775.6 | 750.3 | 714.9 | 674.5 |
| 27.5°  | 645.7 | 644.9 | 661.5 | 682.2 | 708.5 | 729.0 | 748.7 | 758.2 | 750.3 | 725.0 | 684.4 |
| 30°    | 529.9 | 547.8 | 556.2 | 586.2 | 619.6 | 659.5 | 694.5 | 727.7 | 735.9 | 724.8 | 691.6 |
| 32.5°  | 440.0 | 455.6 | 462.6 | 488.3 | 519.5 | 566.2 | 618.6 | 665.7 | 699.0 | 707.4 | 687.4 |
| 35°    | 334.7 | 334.8 | 350.8 | 362.2 | 391.1 | 439.1 | 490.1 | 553.1 | 615.8 | 663.3 | 668.2 |
| 37.5°  | 267.1 | 268.0 | 277.7 | 289.0 | 310.7 | 336.1 | 380.9 | 433.3 | 505.7 | 578.6 | 621.4 |
| 40°    | 230.6 | 232.3 | 239.5 | 250.7 | 266.3 | 285.5 | 320.4 | 369.8 | 430.2 | 511.4 | 577.6 |
| 42.5°  | 207.2 | 209.9 | 213.7 | 222.3 | 232.0 | 250.0 | 278.2 | 316.3 | 371.3 | 448.0 | 524.5 |
| 45°    | 178.6 | 180.1 | 183.0 | 186.9 | 195.7 | 208.1 | 227.1 | 252.8 | 298.4 | 360.1 | 436.7 |
| 47.5°  | 157.5 | 156.7 | 159.7 | 162.9 | 168.8 | 177.3 | 190.0 | 210.9 | 243.4 | 293.0 | 357.9 |
| 50°    | 143.2 | 143.0 | 145.1 | 147.6 | 153.1 | 159.4 | 169.8 | 185.6 | 211.4 | 252.4 | 311.9 |
| 52.5°  | 129.9 | 130.5 | 132.1 | 135.1 | 139.1 | 144.1 | 153.5 | 164.9 | 187.1 | 222.5 | 272.1 |
| 55°    | 112.1 | 112.7 | 114.7 | 116.4 | 119.3 | 124.4 | 130.3 | 139.8 | 155.0 | 179.7 | 220.5 |
| 57.5°  | 97.0  | 96.8  | 98.7  | 99.2  | 102.4 | 106.6 | 111.1 | 118.5 | 129.6 | 147.9 | 175.4 |
| 60°    | 87.0  | 86.4  | 88.1  | 89.4  | 91.2  | 94.6  | 98.4  | 105.6 | 114.4 | 127.8 | 151.4 |
| 62.5°  | 77.9  | 77.6  | 78.8  | 80.2  | 81.6  | 84.7  | 87.9  | 93.4  | 100.4 | 111.7 | 130.4 |
| 65°    | 64.6  | 65.1  | 65.7  | 66.3  | 67.0  | 69.0  | 72.0  | 75.8  | 80.6  | 88.5  | 102.0 |
| 67.5°  | 50.8  | 51.4  | 51.5  | 52.7  | 54.3  | 55.5  | 57.4  | 60.7  | 64.1  | 70.8  | 78.4  |
| 70°    | 41.0  | 40.8  | 41.0  | 41.6  | 43.7  | 45.7  | 48.3  | 50.7  | 52.8  | 57.6  | 64.0  |
| 72.5°  | 35.2  | 34.9  | 35.4  | 35.5  | 36.5  | 37.1  | 38.6  | 41.0  | 43.7  | 46.9  | 51.5  |
| 75°    | 27.3  | 27.3  | 27.3  | 27.3  | 28.1  | 28.5  | 29.0  | 29.6  | 30.6  | 32.1  | 35.5  |
| 77.5°  | 20.2  | 20.2  | 20.5  | 20.7  | 20.9  | 21.1  | 21.4  | 22.0  | 22.3  | 23.2  | 24.6  |
| 80°    | 16.0  | 16.1  | 16.0  | 16.1  | 16.1  | 16.6  | 16.7  | 17.3  | 17.4  | 18.4  | 19.0  |
| 82.5°  | 12.0  | 11.9  | 12.0  | 12.2  | 12.2  | 12.6  | 12.6  | 13.0  | 13.0  | 13.5  | 14.1  |
| 85°    | 6.4   | 6.1   | 6.4   | 6.3   | 6.7   | 6.3   | 6.4   | 6.8   | 6.8   | 7.0   | 7.8   |
| 87.5°  | 8.8   | 9.0   | 8.6   | 8.6   | 8.6   | 8.6   | 8.3   | 8.1   | 8.2   | 7.8   | 7.3   |
| 90°    | 36.5  | 36.0  | 35.5  | 35.0  | 34.4  | 33.6  | 32.5  | 31.4  | 30.3  | 29.3  | 25.8  |
| 92.5°  | 40.4  | 40.1  | 39.8  | 39.5  | 39.1  | 38.2  | 36.4  | 34.7  | 32.9  | 31.2  | 28.5  |
| 95°    | 46.3  | 46.3  | 46.3  | 46.3  | 46.3  | 45.3  | 43.5  | 41.6  | 39.7  | 37.7  | 34.8  |
| 97.5°  | 50.2  | 50.0  | 49.7  | 49.4  | 49.2  | 47.9  | 45.7  | 43.6  | 41.4  | 39.2  | 58.8  |
| 100°   | 51.2  | 51.0  | 50.6  | 50.4  | 50.1  | 48.9  | 46.7  | 44.5  | 42.4  | 40.2  | 82.5  |
| 102.5° | 52.2  | 51.7  | 51.2  | 50.7  | 50.2  | 53.3  | 60.1  | 66.8  | 73.5  | 80.2  | 126.4 |
| 105°   | 53.6  | 53.1  | 52.6  | 52.0  | 51.4  | 75.2  | 123.1 | 171.0 | 219.0 | 266.9 | 291.3 |
| 107.5° | 168.4 | 204.6 | 240.7 | 276.9 | 313.0 | 348.6 | 383.8 | 418.9 | 454.1 | 489.3 | 485.4 |
| 110°   | 335.2 | 373.9 | 412.6 | 451.3 | 490.1 | 514.0 | 522.9 | 531.8 | 540.8 | 549.7 | 546.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 575.0  | 583.3  | 591.4  | 599.6  | 607.8  | 611.8  | 611.6  | 611.5  | 611.3  | 611.1  | 608.1  |
| 115°   | 716.7  | 715.6  | 714.5  | 713.5  | 712.3  | 710.5  | 707.8  | 705.1  | 702.3  | 699.6  | 697.2  |
| 117.5° | 796.1  | 796.0  | 795.7  | 795.5  | 795.3  | 794.1  | 791.9  | 789.8  | 787.6  | 785.5  | 784.2  |
| 120°   | 850.8  | 850.8  | 850.8  | 850.8  | 850.8  | 849.7  | 847.5  | 845.4  | 843.2  | 841.0  | 840.2  |
| 122.5° | 904.4  | 904.2  | 903.9  | 903.8  | 903.5  | 902.7  | 901.2  | 899.6  | 898.1  | 896.6  | 895.5  |
| 125°   | 980.0  | 979.4  | 978.8  | 978.4  | 977.8  | 977.2  | 976.7  | 976.2  | 975.7  | 975.1  | 974.0  |
| 127.5° | 1052.6 | 1053.1 | 1053.7 | 1054.3 | 1054.8 | 1054.6 | 1053.8 | 1052.9 | 1052.0 | 1051.2 | 1049.9 |
| 130°   | 1099.4 | 1099.9 | 1100.5 | 1101.1 | 1101.6 | 1101.3 | 1100.2 | 1099.1 | 1098.0 | 1097.0 | 1095.9 |
| 132.5° | 1142.3 | 1143.0 | 1143.9 | 1144.6 | 1145.3 | 1145.2 | 1144.1 | 1143.0 | 1141.9 | 1140.8 | 1140.0 |
| 135°   | 1207.9 | 1208.7 | 1209.5 | 1210.3 | 1211.1 | 1211.1 | 1210.3 | 1209.5 | 1208.7 | 1207.9 | 1206.8 |
| 137.5° | 1269.6 | 1270.1 | 1270.6 | 1271.2 | 1271.7 | 1271.4 | 1270.1 | 1268.8 | 1267.5 | 1266.2 | 1265.6 |
| 140°   | 1306.6 | 1307.2 | 1307.7 | 1308.2 | 1308.8 | 1308.5 | 1307.4 | 1306.4 | 1305.3 | 1304.2 | 1303.3 |
| 142.5° | 1340.8 | 1341.5 | 1342.2 | 1343.0 | 1343.8 | 1343.7 | 1342.9 | 1342.0 | 1341.1 | 1340.3 | 1339.5 |
| 145°   | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1392.9 | 1392.4 | 1391.8 | 1391.2 | 1390.7 | 1390.2 |
| 147.5° | 1432.2 | 1433.4 | 1434.7 | 1435.9 | 1437.1 | 1437.5 | 1437.0 | 1436.4 | 1435.9 | 1435.3 | 1434.8 |
| 150°   | 1461.4 | 1462.2 | 1463.1 | 1463.9 | 1464.7 | 1464.8 | 1464.3 | 1463.7 | 1463.1 | 1462.6 | 1462.1 |
| 152.5° | 1484.8 | 1486.0 | 1487.3 | 1488.6 | 1489.8 | 1490.0 | 1489.0 | 1488.0 | 1487.0 | 1486.0 | 1485.7 |
| 155°   | 1517.5 | 1519.1 | 1520.7 | 1522.3 | 1524.0 | 1524.1 | 1522.7 | 1521.4 | 1520.0 | 1518.7 | 1518.4 |
| 157.5° | 1545.0 | 1547.1 | 1549.2 | 1551.4 | 1553.5 | 1553.7 | 1552.1 | 1550.5 | 1548.8 | 1547.2 | 1547.5 |
| 160°   | 1562.6 | 1564.5 | 1566.4 | 1568.2 | 1570.2 | 1570.3 | 1568.6 | 1567.1 | 1565.5 | 1563.8 | 1564.1 |
| 162.5° | 1579.2 | 1580.9 | 1582.5 | 1584.2 | 1585.8 | 1585.8 | 1584.0 | 1582.1 | 1580.3 | 1578.4 | 1578.7 |
| 165°   | 1599.1 | 1601.0 | 1603.0 | 1604.8 | 1606.7 | 1606.6 | 1604.4 | 1602.2 | 1600.1 | 1597.9 | 1598.2 |
| 167.5° | 1613.6 | 1615.7 | 1617.9 | 1620.0 | 1622.2 | 1622.2 | 1620.0 | 1617.9 | 1615.7 | 1613.6 | 1613.6 |
| 170°   | 1622.3 | 1624.5 | 1626.6 | 1628.8 | 1631.0 | 1631.0 | 1628.8 | 1626.6 | 1624.5 | 1622.3 | 1622.3 |
| 172.5° | 1627.2 | 1629.5 | 1632.0 | 1634.3 | 1636.7 | 1636.8 | 1634.7 | 1632.5 | 1630.4 | 1628.2 | 1627.9 |
| 175°   | 1634.5 | 1636.6 | 1638.8 | 1641.0 | 1643.2 | 1643.3 | 1641.4 | 1639.5 | 1637.6 | 1635.7 | 1635.4 |
| 177.5° | 1636.7 | 1638.8 | 1641.0 | 1643.2 | 1645.4 | 1645.6 | 1643.8 | 1642.1 | 1640.4 | 1638.7 | 1638.4 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 458.1 | 457.7 | 455.6 | 453.1 | 450.0 | 447.8 | 446.1 | 445.2 | 442.5 | 439.1 | 436.9 |
| 5°     | 486.5 | 480.8 | 474.7 | 467.2 | 460.4 | 453.4 | 449.1 | 443.9 | 437.7 | 430.6 | 425.7 |
| 7.5°   | 516.7 | 505.6 | 493.6 | 481.1 | 468.9 | 457.9 | 448.1 | 439.8 | 429.8 | 419.7 | 412.7 |
| 10°    | 540.1 | 523.7 | 506.8 | 489.5 | 473.8 | 458.9 | 447.5 | 436.3 | 424.4 | 412.8 | 404.0 |
| 12.5°  | 561.2 | 539.6 | 520.2 | 498.9 | 478.7 | 461.1 | 444.7 | 431.5 | 417.0 | 404.7 | 394.8 |
| 15°    | 587.9 | 565.8 | 542.3 | 510.0 | 483.2 | 460.8 | 440.8 | 423.5 | 406.1 | 390.9 | 381.2 |
| 17.5°  | 612.9 | 579.8 | 548.0 | 521.1 | 486.3 | 458.4 | 434.0 | 413.4 | 394.1 | 378.1 | 366.1 |
| 20°    | 623.2 | 591.1 | 556.8 | 522.4 | 488.2 | 456.8 | 428.5 | 405.7 | 385.8 | 367.5 | 356.5 |
| 22.5°  | 629.4 | 593.1 | 556.8 | 519.9 | 483.6 | 451.0 | 423.1 | 397.9 | 376.3 | 359.1 | 345.4 |
| 25°    | 636.7 | 593.4 | 553.5 | 517.1 | 480.0 | 444.7 | 411.4 | 384.8 | 361.5 | 343.1 | 328.6 |
| 27.5°  | 641.5 | 590.5 | 543.4 | 502.9 | 465.3 | 430.2 | 399.7 | 371.5 | 347.7 | 328.2 | 312.7 |
| 30°    | 642.4 | 588.2 | 535.7 | 491.8 | 453.6 | 421.3 | 389.0 | 362.1 | 337.0 | 316.3 | 301.8 |
| 32.5°  | 643.6 | 582.6 | 525.1 | 478.6 | 439.4 | 407.5 | 378.2 | 352.5 | 326.8 | 306.4 | 291.6 |
| 35°    | 638.6 | 579.5 | 509.2 | 455.7 | 416.5 | 385.6 | 359.2 | 335.4 | 310.2 | 290.4 | 275.4 |
| 37.5°  | 617.0 | 567.2 | 492.8 | 429.9 | 389.0 | 360.4 | 338.8 | 318.1 | 295.0 | 273.6 | 259.5 |
| 40°    | 595.3 | 555.1 | 480.0 | 414.3 | 371.5 | 342.1 | 322.7 | 305.8 | 283.4 | 263.4 | 248.3 |
| 42.5°  | 563.0 | 538.4 | 467.8 | 397.9 | 351.8 | 323.4 | 307.0 | 291.2 | 271.6 | 251.3 | 237.0 |
| 45°    | 503.5 | 506.8 | 443.0 | 371.7 | 324.4 | 296.0 | 280.5 | 269.5 | 252.1 | 235.4 | 220.7 |
| 47.5°  | 429.1 | 459.3 | 413.8 | 343.9 | 295.6 | 268.9 | 255.4 | 245.8 | 234.0 | 217.6 | 204.2 |
| 50°    | 380.5 | 423.5 | 390.4 | 325.2 | 277.5 | 250.9 | 237.7 | 229.8 | 219.6 | 206.7 | 194.0 |
| 52.5°  | 335.7 | 382.0 | 362.1 | 304.4 | 257.9 | 233.6 | 220.6 | 214.2 | 206.0 | 193.9 | 182.4 |
| 55°    | 273.7 | 320.7 | 316.1 | 273.0 | 228.5 | 206.7 | 196.8 | 189.6 | 184.1 | 175.0 | 165.8 |
| 57.5°  | 221.4 | 265.9 | 268.2 | 238.0 | 202.6 | 181.0 | 172.5 | 167.1 | 163.5 | 156.6 | 148.1 |
| 60°    | 188.4 | 229.3 | 237.3 | 214.4 | 184.1 | 165.1 | 156.7 | 152.3 | 149.5 | 144.0 | 137.5 |
| 62.5°  | 161.1 | 195.8 | 204.9 | 188.5 | 166.3 | 148.5 | 141.9 | 137.8 | 135.8 | 131.1 | 125.4 |
| 65°    | 123.3 | 152.1 | 160.9 | 151.8 | 140.1 | 126.0 | 120.6 | 117.0 | 115.3 | 112.7 | 108.4 |
| 67.5°  | 92.7  | 113.7 | 123.4 | 116.9 | 112.7 | 103.7 | 100.4 | 98.4  | 96.9  | 95.1  | 91.6  |
| 70°    | 74.4  | 90.0  | 99.9  | 98.2  | 94.8  | 90.0  | 87.6  | 86.3  | 84.7  | 83.2  | 80.1  |
| 72.5°  | 59.8  | 70.6  | 79.8  | 80.7  | 77.9  | 77.0  | 74.8  | 74.2  | 73.3  | 71.5  | 69.8  |
| 75°    | 39.7  | 47.1  | 53.6  | 56.0  | 57.2  | 58.1  | 57.2  | 57.0  | 56.8  | 55.3  | 54.3  |
| 77.5°  | 26.0  | 30.0  | 34.1  | 38.3  | 40.1  | 41.3  | 41.7  | 42.4  | 41.8  | 41.1  | 40.6  |
| 80°    | 20.0  | 20.9  | 23.7  | 27.3  | 30.2  | 31.3  | 32.1  | 32.4  | 32.3  | 32.1  | 31.3  |
| 82.5°  | 14.5  | 15.2  | 16.6  | 19.2  | 21.5  | 23.4  | 23.9  | 23.8  | 24.2  | 24.4  | 23.7  |
| 85°    | 7.8   | 8.0   | 8.4   | 8.7   | 10.0  | 12.1  | 12.7  | 13.1  | 13.5  | 13.5  | 12.3  |
| 87.5°  | 6.8   | 6.0   | 5.6   | 5.0   | 4.9   | 4.5   | 4.9   | 5.1   | 5.8   | 5.7   | 6.3   |
| 90°    | 22.2  | 18.7  | 15.2  | 12.1  | 9.4   | 6.6   | 3.9   | 1.2   | 3.9   | 6.6   | 9.4   |
| 92.5°  | 25.9  | 23.2  | 20.5  | 19.6  | 20.4  | 21.1  | 21.9  | 22.7  | 21.9  | 21.1  | 20.4  |
| 95°    | 31.8  | 28.9  | 25.8  | 29.9  | 41.0  | 52.2  | 63.3  | 74.4  | 63.3  | 52.2  | 41.0  |
| 97.5°  | 78.3  | 97.8  | 117.2 | 129.5 | 134.4 | 139.5 | 144.5 | 149.4 | 144.5 | 139.5 | 134.4 |
| 100°   | 124.7 | 167.0 | 209.2 | 227.6 | 222.3 | 216.8 | 211.4 | 206.0 | 211.4 | 216.8 | 222.3 |
| 102.5° | 172.5 | 218.7 | 264.8 | 285.9 | 282.0 | 278.2 | 274.3 | 270.4 | 274.3 | 278.2 | 282.0 |
| 105°   | 315.7 | 340.1 | 364.4 | 375.1 | 372.2 | 369.2 | 366.2 | 363.2 | 366.2 | 369.2 | 372.2 |
| 107.5° | 481.6 | 477.7 | 473.9 | 470.8 | 468.4 | 465.9 | 463.6 | 461.2 | 463.6 | 465.9 | 468.4 |
| 110°   | 543.7 | 540.8 | 537.8 | 535.2 | 533.0 | 530.8 | 528.7 | 526.5 | 528.7 | 530.8 | 533.0 |





TEST NUMBER: P332406-930

CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 605.2  | 602.2  | 599.2  | 596.7  | 594.8  | 592.9  | 590.9  | 589.0  | 590.9  | 592.9  | 594.8  |
| 115°   | 694.7  | 692.4  | 689.9  | 687.9  | 686.2  | 684.6  | 683.0  | 681.3  | 683.0  | 684.6  | 686.2  |
| 117.5° | 782.9  | 781.7  | 780.5  | 778.9  | 776.8  | 774.8  | 772.8  | 770.8  | 772.8  | 774.8  | 776.8  |
| 120°   | 839.4  | 838.5  | 837.8  | 836.2  | 833.7  | 831.3  | 828.8  | 826.4  | 828.8  | 831.3  | 833.7  |
| 122.5° | 894.5  | 893.5  | 892.5  | 891.0  | 888.9  | 887.0  | 884.9  | 883.0  | 884.9  | 887.0  | 888.9  |
| 125°   | 972.9  | 971.8  | 970.8  | 969.1  | 966.9  | 964.8  | 962.6  | 960.4  | 962.6  | 964.8  | 966.9  |
| 127.5° | 1048.6 | 1047.3 | 1045.9 | 1044.2 | 1042.0 | 1039.9 | 1037.7 | 1035.5 | 1037.7 | 1039.9 | 1042.0 |
| 130°   | 1094.8 | 1093.7 | 1092.7 | 1091.0 | 1088.8 | 1086.7 | 1084.5 | 1082.3 | 1084.5 | 1086.7 | 1088.8 |
| 132.5° | 1139.1 | 1138.2 | 1137.4 | 1135.9 | 1133.7 | 1131.6 | 1129.4 | 1127.2 | 1129.4 | 1131.6 | 1133.7 |
| 135°   | 1205.7 | 1204.6 | 1203.5 | 1202.2 | 1200.6 | 1199.0 | 1197.3 | 1195.7 | 1197.3 | 1199.0 | 1200.6 |
| 137.5° | 1264.9 | 1264.4 | 1263.8 | 1262.4 | 1260.4 | 1258.3 | 1256.3 | 1254.2 | 1256.3 | 1258.3 | 1260.4 |
| 140°   | 1302.5 | 1301.7 | 1300.9 | 1299.8 | 1298.1 | 1296.5 | 1294.9 | 1293.2 | 1294.9 | 1296.5 | 1298.1 |
| 142.5° | 1338.6 | 1337.8 | 1337.0 | 1335.8 | 1334.2 | 1332.5 | 1330.9 | 1329.3 | 1330.9 | 1332.5 | 1334.2 |
| 145°   | 1389.6 | 1389.1 | 1388.5 | 1387.3 | 1385.4 | 1383.6 | 1381.6 | 1379.7 | 1381.6 | 1383.6 | 1385.4 |
| 147.5° | 1434.3 | 1433.7 | 1433.1 | 1432.2 | 1431.0 | 1429.8 | 1428.6 | 1427.3 | 1428.6 | 1429.8 | 1431.0 |
| 150°   | 1461.6 | 1461.0 | 1460.4 | 1459.8 | 1459.0 | 1458.2 | 1457.3 | 1456.5 | 1457.3 | 1458.2 | 1459.0 |
| 152.5° | 1485.4 | 1485.1 | 1484.7 | 1484.4 | 1484.0 | 1483.6 | 1483.3 | 1482.9 | 1483.3 | 1483.6 | 1484.0 |
| 155°   | 1518.2 | 1517.9 | 1517.6 | 1517.8 | 1518.3 | 1518.8 | 1519.4 | 1519.9 | 1519.4 | 1518.8 | 1518.3 |
| 157.5° | 1547.8 | 1548.0 | 1548.3 | 1548.5 | 1548.5 | 1548.6 | 1548.7 | 1548.7 | 1548.7 | 1548.6 | 1548.5 |
| 160°   | 1564.3 | 1564.6 | 1564.9 | 1565.1 | 1565.5 | 1565.7 | 1565.9 | 1566.3 | 1565.9 | 1565.7 | 1565.5 |
| 162.5° | 1579.0 | 1579.2 | 1579.5 | 1580.0 | 1580.7 | 1581.4 | 1582.1 | 1582.8 | 1582.1 | 1581.4 | 1580.7 |
| 165°   | 1598.5 | 1598.7 | 1599.0 | 1599.5 | 1600.4 | 1601.2 | 1602.0 | 1602.8 | 1602.0 | 1601.2 | 1600.4 |
| 167.5° | 1613.6 | 1613.6 | 1613.6 | 1614.0 | 1615.2 | 1616.2 | 1617.3 | 1618.4 | 1617.3 | 1616.2 | 1615.2 |
| 170°   | 1622.3 | 1622.3 | 1622.3 | 1622.9 | 1623.9 | 1625.0 | 1626.1 | 1627.2 | 1626.1 | 1625.0 | 1623.9 |
| 172.5° | 1627.7 | 1627.5 | 1627.3 | 1627.8 | 1629.1 | 1630.4 | 1631.7 | 1633.0 | 1631.7 | 1630.4 | 1629.1 |
| 175°   | 1635.2 | 1634.9 | 1634.6 | 1635.2 | 1636.6 | 1637.9 | 1639.2 | 1640.5 | 1639.2 | 1637.9 | 1636.6 |
| 177.5° | 1638.2 | 1638.0 | 1637.8 | 1638.2 | 1639.3 | 1640.4 | 1641.4 | 1642.5 | 1641.4 | 1640.4 | 1639.3 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |



TEST NUMBER: P332406-930

CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 436.1 | 434.1 | 432.8 | 429.7 | 427.8 | 425.7 | 423.5 | 424.9 | 424.7 | 424.6 | 424.6 |
| 5°     | 421.5 | 417.1 | 413.1 | 408.0 | 404.8 | 400.8 | 397.8 | 397.4 | 398.1 | 395.5 | 394.0 |
| 7.5°   | 407.0 | 401.0 | 395.3 | 389.7 | 383.7 | 378.9 | 375.9 | 374.5 | 372.6 | 371.0 | 369.2 |
| 10°    | 396.8 | 389.8 | 384.3 | 377.2 | 370.8 | 365.1 | 361.5 | 359.0 | 357.7 | 356.4 | 353.8 |
| 12.5°  | 386.3 | 379.4 | 372.4 | 364.4 | 358.3 | 351.7 | 349.0 | 346.3 | 343.7 | 342.2 | 338.8 |
| 15°    | 371.0 | 362.1 | 354.7 | 346.3 | 339.4 | 333.0 | 329.2 | 323.7 | 322.9 | 321.0 | 317.6 |
| 17.5°  | 355.6 | 345.9 | 335.7 | 329.5 | 321.8 | 315.0 | 309.2 | 307.4 | 302.0 | 299.9 | 296.9 |
| 20°    | 343.4 | 334.5 | 326.7 | 318.5 | 307.4 | 301.1 | 296.5 | 294.1 | 289.7 | 287.0 | 285.1 |
| 22.5°  | 333.0 | 323.8 | 314.9 | 305.3 | 296.1 | 289.0 | 285.7 | 281.8 | 279.5 | 275.7 | 273.7 |
| 25°    | 318.0 | 308.1 | 297.3 | 287.0 | 280.4 | 275.1 | 269.7 | 266.3 | 262.9 | 261.1 | 257.4 |
| 27.5°  | 300.6 | 290.2 | 280.1 | 272.3 | 264.2 | 258.9 | 254.1 | 251.1 | 247.0 | 244.1 | 242.0 |
| 30°    | 291.0 | 278.8 | 270.1 | 263.1 | 252.7 | 247.7 | 244.1 | 240.3 | 237.3 | 234.2 | 232.1 |
| 32.5°  | 279.9 | 268.8 | 260.6 | 251.8 | 243.9 | 238.4 | 233.7 | 230.4 | 227.8 | 224.9 | 222.8 |
| 35°    | 262.5 | 253.2 | 244.7 | 235.9 | 230.0 | 224.5 | 219.0 | 216.1 | 213.7 | 211.0 | 209.1 |
| 37.5°  | 246.8 | 238.1 | 229.9 | 221.7 | 214.3 | 209.9 | 205.5 | 203.3 | 199.9 | 198.1 | 196.2 |
| 40°    | 237.1 | 228.5 | 219.8 | 211.8 | 204.2 | 200.8 | 196.8 | 193.6 | 190.5 | 189.1 | 187.1 |
| 42.5°  | 226.4 | 217.8 | 210.5 | 201.9 | 195.7 | 191.0 | 187.4 | 183.8 | 181.6 | 179.6 | 178.5 |
| 45°    | 210.7 | 203.1 | 195.8 | 187.3 | 181.4 | 177.4 | 173.3 | 170.0 | 168.0 | 166.6 | 164.5 |
| 47.5°  | 195.3 | 187.8 | 180.4 | 173.0 | 167.3 | 162.7 | 158.5 | 156.3 | 153.5 | 151.9 | 150.5 |
| 50°    | 184.3 | 177.4 | 169.7 | 162.8 | 157.1 | 152.5 | 149.1 | 146.3 | 143.8 | 141.7 | 140.7 |
| 52.5°  | 174.1 | 166.8 | 160.0 | 153.7 | 147.7 | 142.5 | 139.4 | 136.4 | 134.5 | 132.2 | 131.0 |
| 55°    | 157.3 | 150.3 | 144.6 | 138.3 | 132.4 | 128.0 | 124.3 | 121.6 | 119.7 | 117.0 | 115.5 |
| 57.5°  | 141.5 | 135.2 | 128.4 | 122.9 | 116.9 | 113.2 | 110.1 | 106.5 | 104.1 | 102.1 | 100.5 |
| 60°    | 130.9 | 123.7 | 117.7 | 112.7 | 107.3 | 102.6 | 99.7  | 96.9  | 94.4  | 92.3  | 91.0  |
| 62.5°  | 119.8 | 113.5 | 107.9 | 102.3 | 97.4  | 93.3  | 90.0  | 87.6  | 85.4  | 84.1  | 82.8  |
| 65°    | 102.7 | 97.8  | 92.1  | 87.6  | 83.0  | 80.0  | 77.3  | 75.3  | 73.7  | 72.7  | 71.6  |
| 67.5°  | 87.1  | 82.3  | 77.4  | 72.9  | 69.8  | 67.5  | 65.8  | 64.0  | 63.2  | 62.0  | 61.2  |
| 70°    | 77.0  | 72.0  | 67.6  | 64.2  | 61.1  | 59.4  | 58.3  | 57.0  | 56.3  | 54.7  | 54.0  |
| 72.5°  | 65.9  | 62.3  | 59.1  | 56.3  | 53.9  | 52.3  | 50.9  | 49.2  | 48.0  | 46.3  | 45.6  |
| 75°    | 51.9  | 48.6  | 46.1  | 44.3  | 42.7  | 40.7  | 38.6  | 36.9  | 36.3  | 35.7  | 35.5  |
| 77.5°  | 38.4  | 36.4  | 34.6  | 32.9  | 31.1  | 29.6  | 29.1  | 28.7  | 28.6  | 28.3  | 28.3  |
| 80°    | 30.2  | 28.3  | 27.0  | 25.1  | 24.0  | 24.0  | 24.0  | 23.6  | 23.7  | 23.7  | 23.7  |
| 82.5°  | 22.4  | 20.7  | 20.0  | 19.3  | 19.1  | 19.2  | 19.2  | 19.3  | 19.2  | 19.5  | 19.3  |
| 85°    | 11.6  | 11.7  | 12.1  | 12.0  | 12.1  | 12.1  | 12.6  | 12.3  | 12.6  | 12.1  | 12.6  |
| 87.5°  | 6.7   | 7.7   | 8.6   | 9.5   | 10.3  | 10.8  | 11.3  | 11.4  | 11.8  | 12.1  | 12.2  |
| 90°    | 12.1  | 15.2  | 18.7  | 22.2  | 25.8  | 29.3  | 30.3  | 31.4  | 32.5  | 33.6  | 34.4  |
| 92.5°  | 19.6  | 20.5  | 23.2  | 25.9  | 28.5  | 31.2  | 32.9  | 34.7  | 36.4  | 38.2  | 39.1  |
| 95°    | 29.9  | 25.8  | 28.9  | 31.8  | 34.8  | 37.7  | 39.7  | 41.6  | 43.5  | 45.3  | 46.3  |
| 97.5°  | 129.5 | 117.2 | 97.8  | 78.3  | 58.8  | 39.2  | 41.4  | 43.6  | 45.7  | 47.9  | 49.2  |
| 100°   | 227.6 | 209.2 | 167.0 | 124.7 | 82.5  | 40.2  | 42.4  | 44.5  | 46.7  | 48.9  | 50.1  |
| 102.5° | 285.9 | 264.8 | 218.7 | 172.5 | 126.4 | 80.2  | 73.5  | 66.8  | 60.1  | 53.3  | 50.2  |
| 105°   | 375.1 | 364.4 | 340.1 | 315.7 | 291.3 | 266.9 | 219.0 | 171.0 | 123.1 | 75.2  | 51.4  |
| 107.5° | 470.8 | 473.9 | 477.7 | 481.6 | 485.4 | 489.3 | 454.1 | 418.9 | 383.8 | 348.6 | 313.0 |
| 110°   | 535.2 | 537.8 | 540.8 | 543.7 | 546.7 | 549.7 | 540.8 | 531.8 | 522.9 | 514.0 | 490.1 |



TEST NUMBER: P332406-930

CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 596.7  | 599.2  | 602.2  | 605.2  | 608.1  | 611.1  | 611.3  | 611.5  | 611.6  | 611.8  | 607.8  |
| 115°   | 687.9  | 689.9  | 692.4  | 694.7  | 697.2  | 699.6  | 702.3  | 705.1  | 707.8  | 710.5  | 712.3  |
| 117.5° | 778.9  | 780.5  | 781.7  | 782.9  | 784.2  | 785.5  | 787.6  | 789.8  | 791.9  | 794.1  | 795.3  |
| 120°   | 836.2  | 837.8  | 838.5  | 839.4  | 840.2  | 841.0  | 843.2  | 845.4  | 847.5  | 849.7  | 850.8  |
| 122.5° | 891.0  | 892.5  | 893.5  | 894.5  | 895.5  | 896.6  | 898.1  | 899.6  | 901.2  | 902.7  | 903.5  |
| 125°   | 969.1  | 970.8  | 971.8  | 972.9  | 974.0  | 975.1  | 975.7  | 976.2  | 976.7  | 977.2  | 977.8  |
| 127.5° | 1044.2 | 1045.9 | 1047.3 | 1048.6 | 1049.9 | 1051.2 | 1052.0 | 1052.9 | 1053.8 | 1054.6 | 1054.8 |
| 130°   | 1091.0 | 1092.7 | 1093.7 | 1094.8 | 1095.9 | 1097.0 | 1098.0 | 1099.1 | 1100.2 | 1101.3 | 1101.6 |
| 132.5° | 1135.9 | 1137.4 | 1138.2 | 1139.1 | 1140.0 | 1140.8 | 1141.9 | 1143.0 | 1144.1 | 1145.2 | 1145.3 |
| 135°   | 1202.2 | 1203.5 | 1204.6 | 1205.7 | 1206.8 | 1207.9 | 1208.7 | 1209.5 | 1210.3 | 1211.1 | 1211.1 |
| 137.5° | 1262.4 | 1263.8 | 1264.4 | 1264.9 | 1265.6 | 1266.2 | 1267.5 | 1268.8 | 1270.1 | 1271.4 | 1271.7 |
| 140°   | 1299.8 | 1300.9 | 1301.7 | 1302.5 | 1303.3 | 1304.2 | 1305.3 | 1306.4 | 1307.4 | 1308.5 | 1308.8 |
| 142.5° | 1335.8 | 1337.0 | 1337.8 | 1338.6 | 1339.5 | 1340.3 | 1341.1 | 1342.0 | 1342.9 | 1343.7 | 1343.8 |
| 145°   | 1387.3 | 1388.5 | 1389.1 | 1389.6 | 1390.2 | 1390.7 | 1391.2 | 1391.8 | 1392.4 | 1392.9 | 1393.2 |
| 147.5° | 1432.2 | 1433.1 | 1433.7 | 1434.3 | 1434.8 | 1435.3 | 1435.9 | 1436.4 | 1437.0 | 1437.5 | 1437.1 |
| 150°   | 1459.8 | 1460.4 | 1461.0 | 1461.6 | 1462.1 | 1462.6 | 1463.1 | 1463.7 | 1464.3 | 1464.8 | 1464.7 |
| 152.5° | 1484.4 | 1484.7 | 1485.1 | 1485.4 | 1485.7 | 1486.0 | 1487.0 | 1488.0 | 1489.0 | 1490.0 | 1489.8 |
| 155°   | 1517.8 | 1517.6 | 1517.9 | 1518.2 | 1518.4 | 1518.7 | 1520.0 | 1521.4 | 1522.7 | 1524.1 | 1524.0 |
| 157.5° | 1548.5 | 1548.3 | 1548.0 | 1547.8 | 1547.5 | 1547.2 | 1548.8 | 1550.5 | 1552.1 | 1553.7 | 1553.5 |
| 160°   | 1565.1 | 1564.9 | 1564.6 | 1564.3 | 1564.1 | 1563.8 | 1565.5 | 1567.1 | 1568.6 | 1570.3 | 1570.2 |
| 162.5° | 1580.0 | 1579.5 | 1579.2 | 1579.0 | 1578.7 | 1578.4 | 1580.3 | 1582.1 | 1584.0 | 1585.8 | 1585.8 |
| 165°   | 1599.5 | 1599.0 | 1598.7 | 1598.5 | 1598.2 | 1597.9 | 1600.1 | 1602.2 | 1604.4 | 1606.6 | 1606.7 |
| 167.5° | 1614.0 | 1613.6 | 1613.6 | 1613.6 | 1613.6 | 1613.6 | 1615.7 | 1617.9 | 1620.0 | 1622.2 | 1622.2 |
| 170°   | 1622.9 | 1622.3 | 1622.3 | 1622.3 | 1622.3 | 1622.3 | 1624.5 | 1626.6 | 1628.8 | 1631.0 | 1631.0 |
| 172.5° | 1627.8 | 1627.3 | 1627.5 | 1627.7 | 1627.9 | 1628.2 | 1630.4 | 1632.5 | 1634.7 | 1636.8 | 1636.7 |
| 175°   | 1635.2 | 1634.6 | 1634.9 | 1635.2 | 1635.4 | 1635.7 | 1637.6 | 1639.5 | 1641.4 | 1643.3 | 1643.2 |
| 177.5° | 1638.2 | 1637.8 | 1638.0 | 1638.2 | 1638.4 | 1638.7 | 1640.4 | 1642.1 | 1643.8 | 1645.6 | 1645.4 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |



TEST NUMBER: P332406-930

CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 422.7 | 422.6 | 422.7 | 422.2 | 422.7 | 422.6 | 422.7 | 424.6 | 424.6 | 424.7 | 424.9 |
| 5°     | 393.4 | 393.2 | 392.6 | 390.9 | 392.6 | 393.2 | 393.4 | 394.0 | 395.5 | 398.1 | 397.4 |
| 7.5°   | 367.7 | 367.5 | 365.8 | 365.8 | 365.8 | 367.5 | 367.7 | 369.2 | 371.0 | 372.6 | 374.5 |
| 10°    | 352.5 | 352.7 | 350.4 | 349.1 | 350.4 | 352.7 | 352.5 | 353.8 | 356.4 | 357.7 | 359.0 |
| 12.5°  | 337.8 | 337.0 | 335.1 | 333.6 | 335.1 | 337.0 | 337.8 | 338.8 | 342.2 | 343.7 | 346.3 |
| 15°    | 318.4 | 316.4 | 311.9 | 312.3 | 311.9 | 316.4 | 318.4 | 317.6 | 321.0 | 322.9 | 323.7 |
| 17.5°  | 295.5 | 294.1 | 294.0 | 291.3 | 294.0 | 294.1 | 295.5 | 296.9 | 299.9 | 302.0 | 307.4 |
| 20°    | 282.1 | 281.1 | 281.5 | 278.8 | 281.5 | 281.1 | 282.1 | 285.1 | 287.0 | 289.7 | 294.1 |
| 22.5°  | 271.6 | 270.6 | 269.0 | 268.2 | 269.0 | 270.6 | 271.6 | 273.7 | 275.7 | 279.5 | 281.8 |
| 25°    | 256.2 | 254.7 | 253.2 | 254.1 | 253.2 | 254.7 | 256.2 | 257.4 | 261.1 | 262.9 | 266.3 |
| 27.5°  | 240.9 | 239.8 | 238.2 | 238.1 | 238.2 | 239.8 | 240.9 | 242.0 | 244.1 | 247.0 | 251.1 |
| 30°    | 231.1 | 230.0 | 229.3 | 228.3 | 229.3 | 230.0 | 231.1 | 232.1 | 234.2 | 237.3 | 240.3 |
| 32.5°  | 221.3 | 221.0 | 219.7 | 219.5 | 219.7 | 221.0 | 221.3 | 222.8 | 224.9 | 227.8 | 230.4 |
| 35°    | 208.4 | 207.2 | 206.8 | 207.0 | 206.8 | 207.2 | 208.4 | 209.1 | 211.0 | 213.7 | 216.1 |
| 37.5°  | 196.1 | 194.6 | 193.9 | 193.2 | 193.9 | 194.6 | 196.1 | 196.2 | 198.1 | 199.9 | 203.3 |
| 40°    | 187.3 | 185.8 | 185.4 | 185.0 | 185.4 | 185.8 | 187.3 | 187.1 | 189.1 | 190.5 | 193.6 |
| 42.5°  | 177.4 | 176.8 | 176.6 | 175.9 | 176.6 | 176.8 | 177.4 | 178.5 | 179.6 | 181.6 | 183.8 |
| 45°    | 164.0 | 163.7 | 162.6 | 163.0 | 162.6 | 163.7 | 164.0 | 164.5 | 166.6 | 168.0 | 170.0 |
| 47.5°  | 149.7 | 148.9 | 148.1 | 148.6 | 148.1 | 148.9 | 149.7 | 150.5 | 151.9 | 153.5 | 156.3 |
| 50°    | 140.0 | 139.6 | 137.9 | 138.3 | 137.9 | 139.6 | 140.0 | 140.7 | 141.7 | 143.8 | 146.3 |
| 52.5°  | 130.3 | 128.8 | 128.2 | 127.9 | 128.2 | 128.8 | 130.3 | 131.0 | 132.2 | 134.5 | 136.4 |
| 55°    | 114.1 | 112.4 | 111.7 | 111.3 | 111.7 | 112.4 | 114.1 | 115.5 | 117.0 | 119.7 | 121.6 |
| 57.5°  | 98.3  | 97.9  | 97.3  | 97.7  | 97.3  | 97.9  | 98.3  | 100.5 | 102.1 | 104.1 | 106.5 |
| 60°    | 89.1  | 89.1  | 89.1  | 88.9  | 89.1  | 89.1  | 89.1  | 91.0  | 92.3  | 94.4  | 96.9  |
| 62.5°  | 81.9  | 81.4  | 81.4  | 81.6  | 81.4  | 81.4  | 81.9  | 82.8  | 84.1  | 85.4  | 87.6  |
| 65°    | 71.0  | 70.8  | 70.1  | 69.9  | 70.1  | 70.8  | 71.0  | 71.6  | 72.7  | 73.7  | 75.3  |
| 67.5°  | 60.7  | 60.1  | 59.8  | 59.6  | 59.8  | 60.1  | 60.7  | 61.2  | 62.0  | 63.2  | 64.0  |
| 70°    | 53.0  | 52.6  | 51.4  | 51.7  | 51.4  | 52.6  | 53.0  | 54.0  | 54.7  | 56.3  | 57.0  |
| 72.5°  | 44.7  | 44.3  | 44.0  | 43.8  | 44.0  | 44.3  | 44.7  | 45.6  | 46.3  | 48.0  | 49.2  |
| 75°    | 35.3  | 35.1  | 35.0  | 35.7  | 35.0  | 35.1  | 35.3  | 35.5  | 35.7  | 36.3  | 36.9  |
| 77.5°  | 28.3  | 28.3  | 28.5  | 28.1  | 28.5  | 28.3  | 28.3  | 28.3  | 28.3  | 28.6  | 28.7  |
| 80°    | 23.7  | 23.7  | 23.6  | 23.6  | 23.6  | 23.7  | 23.7  | 23.7  | 23.7  | 23.7  | 23.6  |
| 82.5°  | 19.0  | 19.2  | 19.3  | 19.0  | 19.3  | 19.2  | 19.0  | 19.3  | 19.5  | 19.2  | 19.3  |
| 85°    | 12.6  | 12.3  | 12.7  | 12.6  | 12.7  | 12.3  | 12.6  | 12.6  | 12.1  | 12.6  | 12.3  |
| 87.5°  | 12.6  | 12.4  | 12.6  | 12.8  | 12.6  | 12.4  | 12.6  | 12.2  | 12.1  | 11.8  | 11.4  |
| 90°    | 35.0  | 35.5  | 36.0  | 36.5  | 36.0  | 35.5  | 35.0  | 34.4  | 33.6  | 32.5  | 31.4  |
| 92.5°  | 39.5  | 39.8  | 40.1  | 40.4  | 40.1  | 39.8  | 39.5  | 39.1  | 38.2  | 36.4  | 34.7  |
| 95°    | 46.3  | 46.3  | 46.3  | 46.3  | 46.3  | 46.3  | 46.3  | 46.3  | 45.3  | 43.5  | 41.6  |
| 97.5°  | 49.4  | 49.7  | 50.0  | 50.2  | 50.0  | 49.7  | 49.4  | 49.2  | 47.9  | 45.7  | 43.6  |
| 100°   | 50.4  | 50.6  | 51.0  | 51.2  | 51.0  | 50.6  | 50.4  | 50.1  | 48.9  | 46.7  | 44.5  |
| 102.5° | 50.7  | 51.2  | 51.7  | 52.2  | 51.7  | 51.2  | 50.7  | 50.2  | 53.3  | 60.1  | 66.8  |
| 105°   | 52.0  | 52.6  | 53.1  | 53.6  | 53.1  | 52.6  | 52.0  | 51.4  | 75.2  | 123.1 | 171.0 |
| 107.5° | 276.9 | 240.7 | 204.6 | 168.4 | 204.6 | 240.7 | 276.9 | 313.0 | 348.6 | 383.8 | 418.9 |
| 110°   | 451.3 | 412.6 | 373.9 | 335.2 | 373.9 | 412.6 | 451.3 | 490.1 | 514.0 | 522.9 | 531.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 599.6  | 591.4  | 583.3  | 575.0  | 583.3  | 591.4  | 599.6  | 607.8  | 611.8  | 611.6  | 611.5  |
| 115°   | 713.5  | 714.5  | 715.6  | 716.7  | 715.6  | 714.5  | 713.5  | 712.3  | 710.5  | 707.8  | 705.1  |
| 117.5° | 795.5  | 795.7  | 796.0  | 796.1  | 796.0  | 795.7  | 795.5  | 795.3  | 794.1  | 791.9  | 789.8  |
| 120°   | 850.8  | 850.8  | 850.8  | 850.8  | 850.8  | 850.8  | 850.8  | 850.8  | 849.7  | 847.5  | 845.4  |
| 122.5° | 903.8  | 903.9  | 904.2  | 904.4  | 904.2  | 903.9  | 903.8  | 903.5  | 902.7  | 901.2  | 899.6  |
| 125°   | 978.4  | 978.8  | 979.4  | 980.0  | 979.4  | 978.8  | 978.4  | 977.8  | 977.2  | 976.7  | 976.2  |
| 127.5° | 1054.3 | 1053.7 | 1053.1 | 1052.6 | 1053.1 | 1053.7 | 1054.3 | 1054.8 | 1054.6 | 1053.8 | 1052.9 |
| 130°   | 1101.1 | 1100.5 | 1099.9 | 1099.4 | 1099.9 | 1100.5 | 1101.1 | 1101.6 | 1101.3 | 1100.2 | 1099.1 |
| 132.5° | 1144.6 | 1143.9 | 1143.0 | 1142.3 | 1143.0 | 1143.9 | 1144.6 | 1145.3 | 1145.2 | 1144.1 | 1143.0 |
| 135°   | 1210.3 | 1209.5 | 1208.7 | 1207.9 | 1208.7 | 1209.5 | 1210.3 | 1211.1 | 1211.1 | 1210.3 | 1209.5 |
| 137.5° | 1271.2 | 1270.6 | 1270.1 | 1269.6 | 1270.1 | 1270.6 | 1271.2 | 1271.7 | 1271.4 | 1270.1 | 1268.8 |
| 140°   | 1308.2 | 1307.7 | 1307.2 | 1306.6 | 1307.2 | 1307.7 | 1308.2 | 1308.8 | 1308.5 | 1307.4 | 1306.4 |
| 142.5° | 1343.0 | 1342.2 | 1341.5 | 1340.8 | 1341.5 | 1342.2 | 1343.0 | 1343.8 | 1343.7 | 1342.9 | 1342.0 |
| 145°   | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1392.9 | 1392.4 | 1391.8 |
| 147.5° | 1435.9 | 1434.7 | 1433.4 | 1432.2 | 1433.4 | 1434.7 | 1435.9 | 1437.1 | 1437.5 | 1437.0 | 1436.4 |
| 150°   | 1463.9 | 1463.1 | 1462.2 | 1461.4 | 1462.2 | 1463.1 | 1463.9 | 1464.7 | 1464.8 | 1464.3 | 1463.7 |
| 152.5° | 1488.6 | 1487.3 | 1486.0 | 1484.8 | 1486.0 | 1487.3 | 1488.6 | 1489.8 | 1490.0 | 1489.0 | 1488.0 |
| 155°   | 1522.3 | 1520.7 | 1519.1 | 1517.5 | 1519.1 | 1520.7 | 1522.3 | 1524.0 | 1524.1 | 1522.7 | 1521.4 |
| 157.5° | 1551.4 | 1549.2 | 1547.1 | 1545.0 | 1547.1 | 1549.2 | 1551.4 | 1553.5 | 1553.7 | 1552.1 | 1550.5 |
| 160°   | 1568.2 | 1566.4 | 1564.5 | 1562.6 | 1564.5 | 1566.4 | 1568.2 | 1570.2 | 1570.3 | 1568.6 | 1567.1 |
| 162.5° | 1584.2 | 1582.5 | 1580.9 | 1579.2 | 1580.9 | 1582.5 | 1584.2 | 1585.8 | 1585.8 | 1584.0 | 1582.1 |
| 165°   | 1604.8 | 1603.0 | 1601.0 | 1599.1 | 1601.0 | 1603.0 | 1604.8 | 1606.7 | 1606.6 | 1604.4 | 1602.2 |
| 167.5° | 1620.0 | 1617.9 | 1615.7 | 1613.6 | 1615.7 | 1617.9 | 1620.0 | 1622.2 | 1622.2 | 1620.0 | 1617.9 |
| 170°   | 1628.8 | 1626.6 | 1624.5 | 1622.3 | 1624.5 | 1626.6 | 1628.8 | 1631.0 | 1631.0 | 1628.8 | 1626.6 |
| 172.5° | 1634.3 | 1632.0 | 1629.5 | 1627.2 | 1629.5 | 1632.0 | 1634.3 | 1636.7 | 1636.8 | 1634.7 | 1632.5 |
| 175°   | 1641.0 | 1638.8 | 1636.6 | 1634.5 | 1636.6 | 1638.8 | 1641.0 | 1643.2 | 1643.3 | 1641.4 | 1639.5 |
| 177.5° | 1643.2 | 1641.0 | 1638.8 | 1636.7 | 1638.8 | 1641.0 | 1643.2 | 1645.4 | 1645.6 | 1643.8 | 1642.1 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 423.5 | 425.7 | 427.8 | 429.7 | 432.8 | 434.1 | 436.1 | 436.9 | 439.1 | 442.5 | 445.2 |
| 5°     | 397.8 | 400.8 | 404.8 | 408.0 | 413.1 | 417.1 | 421.5 | 425.7 | 430.6 | 437.7 | 443.9 |
| 7.5°   | 375.9 | 378.9 | 383.7 | 389.7 | 395.3 | 401.0 | 407.0 | 412.7 | 419.7 | 429.8 | 439.8 |
| 10°    | 361.5 | 365.1 | 370.8 | 377.2 | 384.3 | 389.8 | 396.8 | 404.0 | 412.8 | 424.4 | 436.3 |
| 12.5°  | 349.0 | 351.7 | 358.3 | 364.4 | 372.4 | 379.4 | 386.3 | 394.8 | 404.7 | 417.0 | 431.5 |
| 15°    | 329.2 | 333.0 | 339.4 | 346.3 | 354.7 | 362.1 | 371.0 | 381.2 | 390.9 | 406.1 | 423.5 |
| 17.5°  | 309.2 | 315.0 | 321.8 | 329.5 | 335.7 | 345.9 | 355.6 | 366.1 | 378.1 | 394.1 | 413.4 |
| 20°    | 296.5 | 301.1 | 307.4 | 318.5 | 326.7 | 334.5 | 343.4 | 356.5 | 367.5 | 385.8 | 405.7 |
| 22.5°  | 285.7 | 289.0 | 296.1 | 305.3 | 314.9 | 323.8 | 333.0 | 345.4 | 359.1 | 376.3 | 397.9 |
| 25°    | 269.7 | 275.1 | 280.4 | 287.0 | 297.3 | 308.1 | 318.0 | 328.6 | 343.1 | 361.5 | 384.8 |
| 27.5°  | 254.1 | 258.9 | 264.2 | 272.3 | 280.1 | 290.2 | 300.6 | 312.7 | 328.2 | 347.7 | 371.5 |
| 30°    | 244.1 | 247.7 | 252.7 | 263.1 | 270.1 | 278.8 | 291.0 | 301.8 | 316.3 | 337.0 | 362.1 |
| 32.5°  | 233.7 | 238.4 | 243.9 | 251.8 | 260.6 | 268.8 | 279.9 | 291.6 | 306.4 | 326.8 | 352.5 |
| 35°    | 219.0 | 224.5 | 230.0 | 235.9 | 244.7 | 253.2 | 262.5 | 275.4 | 290.4 | 310.2 | 335.4 |
| 37.5°  | 205.5 | 209.9 | 214.3 | 221.7 | 229.9 | 238.1 | 246.8 | 259.5 | 273.6 | 295.0 | 318.1 |
| 40°    | 196.8 | 200.8 | 204.2 | 211.8 | 219.8 | 228.5 | 237.1 | 248.3 | 263.4 | 283.4 | 305.8 |
| 42.5°  | 187.4 | 191.0 | 195.7 | 201.9 | 210.5 | 217.8 | 226.4 | 237.0 | 251.3 | 271.6 | 291.2 |
| 45°    | 173.3 | 177.4 | 181.4 | 187.3 | 195.8 | 203.1 | 210.7 | 220.7 | 235.4 | 252.1 | 269.5 |
| 47.5°  | 158.5 | 162.7 | 167.3 | 173.0 | 180.4 | 187.8 | 195.3 | 204.2 | 217.6 | 234.0 | 245.8 |
| 50°    | 149.1 | 152.5 | 157.1 | 162.8 | 169.7 | 177.4 | 184.3 | 194.0 | 206.7 | 219.6 | 229.8 |
| 52.5°  | 139.4 | 142.5 | 147.7 | 153.7 | 160.0 | 166.8 | 174.1 | 182.4 | 193.9 | 206.0 | 214.2 |
| 55°    | 124.3 | 128.0 | 132.4 | 138.3 | 144.6 | 150.3 | 157.3 | 165.8 | 175.0 | 184.1 | 189.6 |
| 57.5°  | 110.1 | 113.2 | 116.9 | 122.9 | 128.4 | 135.2 | 141.5 | 148.1 | 156.6 | 163.5 | 167.1 |
| 60°    | 99.7  | 102.6 | 107.3 | 112.7 | 117.7 | 123.7 | 130.9 | 137.5 | 144.0 | 149.5 | 152.3 |
| 62.5°  | 90.0  | 93.3  | 97.4  | 102.3 | 107.9 | 113.5 | 119.8 | 125.4 | 131.1 | 135.8 | 137.8 |
| 65°    | 77.3  | 80.0  | 83.0  | 87.6  | 92.1  | 97.8  | 102.7 | 108.4 | 112.7 | 115.3 | 117.0 |
| 67.5°  | 65.8  | 67.5  | 69.8  | 72.9  | 77.4  | 82.3  | 87.1  | 91.6  | 95.1  | 96.9  | 98.4  |
| 70°    | 58.3  | 59.4  | 61.1  | 64.2  | 67.6  | 72.0  | 77.0  | 80.1  | 83.2  | 84.7  | 86.3  |
| 72.5°  | 50.9  | 52.3  | 53.9  | 56.3  | 59.1  | 62.3  | 65.9  | 69.8  | 71.5  | 73.3  | 74.2  |
| 75°    | 38.6  | 40.7  | 42.7  | 44.3  | 46.1  | 48.6  | 51.9  | 54.3  | 55.3  | 56.8  | 57.0  |
| 77.5°  | 29.1  | 29.6  | 31.1  | 32.9  | 34.6  | 36.4  | 38.4  | 40.6  | 41.1  | 41.8  | 42.4  |
| 80°    | 24.0  | 24.0  | 24.0  | 25.1  | 27.0  | 28.3  | 30.2  | 31.3  | 32.1  | 32.3  | 32.4  |
| 82.5°  | 19.2  | 19.2  | 19.1  | 19.3  | 20.0  | 20.7  | 22.4  | 23.7  | 24.4  | 24.2  | 23.8  |
| 85°    | 12.6  | 12.1  | 12.1  | 12.0  | 12.1  | 11.7  | 11.6  | 12.3  | 13.5  | 13.5  | 13.1  |
| 87.5°  | 11.3  | 10.8  | 10.3  | 9.5   | 8.6   | 7.7   | 6.7   | 6.3   | 5.7   | 5.8   | 5.1   |
| 90°    | 30.3  | 29.3  | 25.8  | 22.2  | 18.7  | 15.2  | 12.1  | 9.4   | 6.6   | 3.9   | 1.2   |
| 92.5°  | 32.9  | 31.2  | 28.5  | 25.9  | 23.2  | 20.5  | 19.6  | 20.4  | 21.1  | 21.9  | 22.7  |
| 95°    | 39.7  | 37.7  | 34.8  | 31.8  | 28.9  | 25.8  | 29.9  | 41.0  | 52.2  | 63.3  | 74.4  |
| 97.5°  | 41.4  | 39.2  | 58.8  | 78.3  | 97.8  | 117.2 | 129.5 | 134.4 | 139.5 | 144.5 | 149.4 |
| 100°   | 42.4  | 40.2  | 82.5  | 124.7 | 167.0 | 209.2 | 227.6 | 222.3 | 216.8 | 211.4 | 206.0 |
| 102.5° | 73.5  | 80.2  | 126.4 | 172.5 | 218.7 | 264.8 | 285.9 | 282.0 | 278.2 | 274.3 | 270.4 |
| 105°   | 219.0 | 266.9 | 291.3 | 315.7 | 340.1 | 364.4 | 375.1 | 372.2 | 369.2 | 366.2 | 363.2 |
| 107.5° | 454.1 | 489.3 | 485.4 | 481.6 | 477.7 | 473.9 | 470.8 | 468.4 | 465.9 | 463.6 | 461.2 |
| 110°   | 540.8 | 549.7 | 546.7 | 543.7 | 540.8 | 537.8 | 535.2 | 533.0 | 530.8 | 528.7 | 526.5 |



TEST NUMBER: P332406-930

CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 611.3  | 611.1  | 608.1  | 605.2  | 602.2  | 599.2  | 596.7  | 594.8  | 592.9  | 590.9  | 589.0  |
| 115°   | 702.3  | 699.6  | 697.2  | 694.7  | 692.4  | 689.9  | 687.9  | 686.2  | 684.6  | 683.0  | 681.3  |
| 117.5° | 787.6  | 785.5  | 784.2  | 782.9  | 781.7  | 780.5  | 778.9  | 776.8  | 774.8  | 772.8  | 770.8  |
| 120°   | 843.2  | 841.0  | 840.2  | 839.4  | 838.5  | 837.8  | 836.2  | 833.7  | 831.3  | 828.8  | 826.4  |
| 122.5° | 898.1  | 896.6  | 895.5  | 894.5  | 893.5  | 892.5  | 891.0  | 888.9  | 887.0  | 884.9  | 883.0  |
| 125°   | 975.7  | 975.1  | 974.0  | 972.9  | 971.8  | 970.8  | 969.1  | 966.9  | 964.8  | 962.6  | 960.4  |
| 127.5° | 1052.0 | 1051.2 | 1049.9 | 1048.6 | 1047.3 | 1045.9 | 1044.2 | 1042.0 | 1039.9 | 1037.7 | 1035.5 |
| 130°   | 1098.0 | 1097.0 | 1095.9 | 1094.8 | 1093.7 | 1092.7 | 1091.0 | 1088.8 | 1086.7 | 1084.5 | 1082.3 |
| 132.5° | 1141.9 | 1140.8 | 1140.0 | 1139.1 | 1138.2 | 1137.4 | 1135.9 | 1133.7 | 1131.6 | 1129.4 | 1127.2 |
| 135°   | 1208.7 | 1207.9 | 1206.8 | 1205.7 | 1204.6 | 1203.5 | 1202.2 | 1200.6 | 1199.0 | 1197.3 | 1195.7 |
| 137.5° | 1267.5 | 1266.2 | 1265.6 | 1264.9 | 1264.4 | 1263.8 | 1262.4 | 1260.4 | 1258.3 | 1256.3 | 1254.2 |
| 140°   | 1305.3 | 1304.2 | 1303.3 | 1302.5 | 1301.7 | 1300.9 | 1299.8 | 1298.1 | 1296.5 | 1294.9 | 1293.2 |
| 142.5° | 1341.1 | 1340.3 | 1339.5 | 1338.6 | 1337.8 | 1337.0 | 1335.8 | 1334.2 | 1332.5 | 1330.9 | 1329.3 |
| 145°   | 1391.2 | 1390.7 | 1390.2 | 1389.6 | 1389.1 | 1388.5 | 1387.3 | 1385.4 | 1383.6 | 1381.6 | 1379.7 |
| 147.5° | 1435.9 | 1435.3 | 1434.8 | 1434.3 | 1433.7 | 1433.1 | 1432.2 | 1431.0 | 1429.8 | 1428.6 | 1427.3 |
| 150°   | 1463.1 | 1462.6 | 1462.1 | 1461.6 | 1461.0 | 1460.4 | 1459.8 | 1459.0 | 1458.2 | 1457.3 | 1456.5 |
| 152.5° | 1487.0 | 1486.0 | 1485.7 | 1485.4 | 1485.1 | 1484.7 | 1484.4 | 1484.0 | 1483.6 | 1483.3 | 1482.9 |
| 155°   | 1520.0 | 1518.7 | 1518.4 | 1518.2 | 1517.9 | 1517.6 | 1517.8 | 1518.3 | 1518.8 | 1519.4 | 1519.9 |
| 157.5° | 1548.8 | 1547.2 | 1547.5 | 1547.8 | 1548.0 | 1548.3 | 1548.5 | 1548.5 | 1548.6 | 1548.7 | 1548.7 |
| 160°   | 1565.5 | 1563.8 | 1564.1 | 1564.3 | 1564.6 | 1564.9 | 1565.1 | 1565.5 | 1565.7 | 1565.9 | 1566.3 |
| 162.5° | 1580.3 | 1578.4 | 1578.7 | 1579.0 | 1579.2 | 1579.5 | 1580.0 | 1580.7 | 1581.4 | 1582.1 | 1582.8 |
| 165°   | 1600.1 | 1597.9 | 1598.2 | 1598.5 | 1598.7 | 1599.0 | 1599.5 | 1600.4 | 1601.2 | 1602.0 | 1602.8 |
| 167.5° | 1615.7 | 1613.6 | 1613.6 | 1613.6 | 1613.6 | 1613.6 | 1614.0 | 1615.2 | 1616.2 | 1617.3 | 1618.4 |
| 170°   | 1624.5 | 1622.3 | 1622.3 | 1622.3 | 1622.3 | 1622.3 | 1622.9 | 1623.9 | 1625.0 | 1626.1 | 1627.2 |
| 172.5° | 1630.4 | 1628.2 | 1627.9 | 1627.7 | 1627.5 | 1627.3 | 1627.8 | 1629.1 | 1630.4 | 1631.7 | 1633.0 |
| 175°   | 1637.6 | 1635.7 | 1635.4 | 1635.2 | 1634.9 | 1634.6 | 1635.2 | 1636.6 | 1637.9 | 1639.2 | 1640.5 |
| 177.5° | 1640.4 | 1638.7 | 1638.4 | 1638.2 | 1638.0 | 1637.8 | 1638.2 | 1639.3 | 1640.4 | 1641.4 | 1642.5 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |



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CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 446.1 | 447.8 | 450.0 | 453.1 | 455.6 | 457.7 | 458.1 | 458.8 | 460.3 | 462.8 | 464.8 |
| 5°     | 449.1 | 453.4 | 460.4 | 467.2 | 474.7 | 480.8 | 486.5 | 490.5 | 494.2 | 502.2 | 508.7 |
| 7.5°   | 448.1 | 457.9 | 468.9 | 481.1 | 493.6 | 505.6 | 516.7 | 526.8 | 536.7 | 548.4 | 561.6 |
| 10°    | 447.5 | 458.9 | 473.8 | 489.5 | 506.8 | 523.7 | 540.1 | 552.8 | 567.5 | 580.9 | 597.8 |
| 12.5°  | 444.7 | 461.1 | 478.7 | 498.9 | 520.2 | 539.6 | 561.2 | 578.7 | 595.7 | 614.9 | 634.5 |
| 15°    | 440.8 | 460.8 | 483.2 | 510.0 | 542.3 | 565.8 | 587.9 | 618.5 | 639.4 | 660.2 | 688.4 |
| 17.5°  | 434.0 | 458.4 | 486.3 | 521.1 | 548.0 | 579.8 | 612.9 | 637.1 | 665.2 | 694.6 | 720.1 |
| 20°    | 428.5 | 456.8 | 488.2 | 522.4 | 556.8 | 591.1 | 623.2 | 652.1 | 681.2 | 715.2 | 736.1 |
| 22.5°  | 423.1 | 451.0 | 483.6 | 519.9 | 556.8 | 593.1 | 629.4 | 663.3 | 696.0 | 730.3 | 757.0 |
| 25°    | 411.4 | 444.7 | 480.0 | 517.1 | 553.5 | 593.4 | 636.7 | 674.5 | 714.9 | 750.3 | 775.6 |
| 27.5°  | 399.7 | 430.2 | 465.3 | 502.9 | 543.4 | 590.5 | 641.5 | 684.4 | 725.0 | 750.3 | 758.2 |
| 30°    | 389.0 | 421.3 | 453.6 | 491.8 | 535.7 | 588.2 | 642.4 | 691.6 | 724.8 | 735.9 | 727.7 |
| 32.5°  | 378.2 | 407.5 | 439.4 | 478.6 | 525.1 | 582.6 | 643.6 | 687.4 | 707.4 | 699.0 | 665.7 |
| 35°    | 359.2 | 385.6 | 416.5 | 455.7 | 509.2 | 579.5 | 638.6 | 668.2 | 663.3 | 615.8 | 553.1 |
| 37.5°  | 338.8 | 360.4 | 389.0 | 429.9 | 492.8 | 567.2 | 617.0 | 621.4 | 578.6 | 505.7 | 433.3 |
| 40°    | 322.7 | 342.1 | 371.5 | 414.3 | 480.0 | 555.1 | 595.3 | 577.6 | 511.4 | 430.2 | 369.8 |
| 42.5°  | 307.0 | 323.4 | 351.8 | 397.9 | 467.8 | 538.4 | 563.0 | 524.5 | 448.0 | 371.3 | 316.3 |
| 45°    | 280.5 | 296.0 | 324.4 | 371.7 | 443.0 | 506.8 | 503.5 | 436.7 | 360.1 | 298.4 | 252.8 |
| 47.5°  | 255.4 | 268.9 | 295.6 | 343.9 | 413.8 | 459.3 | 429.1 | 357.9 | 293.0 | 243.4 | 210.9 |
| 50°    | 237.7 | 250.9 | 277.5 | 325.2 | 390.4 | 423.5 | 380.5 | 311.9 | 252.4 | 211.4 | 185.6 |
| 52.5°  | 220.6 | 233.6 | 257.9 | 304.4 | 362.1 | 382.0 | 335.7 | 272.1 | 222.5 | 187.1 | 164.9 |
| 55°    | 196.8 | 206.7 | 228.5 | 273.0 | 316.1 | 320.7 | 273.7 | 220.5 | 179.7 | 155.0 | 139.8 |
| 57.5°  | 172.5 | 181.0 | 202.6 | 238.0 | 268.2 | 265.9 | 221.4 | 175.4 | 147.9 | 129.6 | 118.5 |
| 60°    | 156.7 | 165.1 | 184.1 | 214.4 | 237.3 | 229.3 | 188.4 | 151.4 | 127.8 | 114.4 | 105.6 |
| 62.5°  | 141.9 | 148.5 | 166.3 | 188.5 | 204.9 | 195.8 | 161.1 | 130.4 | 111.7 | 100.4 | 93.4  |
| 65°    | 120.6 | 126.0 | 140.1 | 151.8 | 160.9 | 152.1 | 123.3 | 102.0 | 88.5  | 80.6  | 75.8  |
| 67.5°  | 100.4 | 103.7 | 112.7 | 116.9 | 123.4 | 113.7 | 92.7  | 78.4  | 70.8  | 64.1  | 60.7  |
| 70°    | 87.6  | 90.0  | 94.8  | 98.2  | 99.9  | 90.0  | 74.4  | 64.0  | 57.6  | 52.8  | 50.7  |
| 72.5°  | 74.8  | 77.0  | 77.9  | 80.7  | 79.8  | 70.6  | 59.8  | 51.5  | 46.9  | 43.7  | 41.0  |
| 75°    | 57.2  | 58.1  | 57.2  | 56.0  | 53.6  | 47.1  | 39.7  | 35.5  | 32.1  | 30.6  | 29.6  |
| 77.5°  | 41.7  | 41.3  | 40.1  | 38.3  | 34.1  | 30.0  | 26.0  | 24.6  | 23.2  | 22.3  | 22.0  |
| 80°    | 32.1  | 31.3  | 30.2  | 27.3  | 23.7  | 20.9  | 20.0  | 19.0  | 18.4  | 17.4  | 17.3  |
| 82.5°  | 23.9  | 23.4  | 21.5  | 19.2  | 16.6  | 15.2  | 14.5  | 14.1  | 13.5  | 13.0  | 13.0  |
| 85°    | 12.7  | 12.1  | 10.0  | 8.7   | 8.4   | 8.0   | 7.8   | 7.8   | 7.0   | 6.8   | 6.8   |
| 87.5°  | 4.9   | 4.5   | 4.9   | 5.0   | 5.6   | 6.0   | 6.8   | 7.3   | 7.8   | 8.2   | 8.1   |
| 90°    | 3.9   | 6.6   | 9.4   | 12.1  | 15.2  | 18.7  | 22.2  | 25.8  | 29.3  | 30.3  | 31.4  |
| 92.5°  | 21.9  | 21.1  | 20.4  | 19.6  | 20.5  | 23.2  | 25.9  | 28.5  | 31.2  | 32.9  | 34.7  |
| 95°    | 63.3  | 52.2  | 41.0  | 29.9  | 25.8  | 28.9  | 31.8  | 34.8  | 37.7  | 39.7  | 41.6  |
| 97.5°  | 144.5 | 139.5 | 134.4 | 129.5 | 117.2 | 97.8  | 78.3  | 58.8  | 39.2  | 41.4  | 43.6  |
| 100°   | 211.4 | 216.8 | 222.3 | 227.6 | 209.2 | 167.0 | 124.7 | 82.5  | 40.2  | 42.4  | 44.5  |
| 102.5° | 274.3 | 278.2 | 282.0 | 285.9 | 264.8 | 218.7 | 172.5 | 126.4 | 80.2  | 73.5  | 66.8  |
| 105°   | 366.2 | 369.2 | 372.2 | 375.1 | 364.4 | 340.1 | 315.7 | 291.3 | 266.9 | 219.0 | 171.0 |
| 107.5° | 463.6 | 465.9 | 468.4 | 470.8 | 473.9 | 477.7 | 481.6 | 485.4 | 489.3 | 454.1 | 418.9 |
| 110°   | 528.7 | 530.8 | 533.0 | 535.2 | 537.8 | 540.8 | 543.7 | 546.7 | 549.7 | 540.8 | 531.8 |





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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 590.9  | 592.9  | 594.8  | 596.7  | 599.2  | 602.2  | 605.2  | 608.1  | 611.1  | 611.3  | 611.5  |
| 115°   | 683.0  | 684.6  | 686.2  | 687.9  | 689.9  | 692.4  | 694.7  | 697.2  | 699.6  | 702.3  | 705.1  |
| 117.5° | 772.8  | 774.8  | 776.8  | 778.9  | 780.5  | 781.7  | 782.9  | 784.2  | 785.5  | 787.6  | 789.8  |
| 120°   | 828.8  | 831.3  | 833.7  | 836.2  | 837.8  | 838.5  | 839.4  | 840.2  | 841.0  | 843.2  | 845.4  |
| 122.5° | 884.9  | 887.0  | 888.9  | 891.0  | 892.5  | 893.5  | 894.5  | 895.5  | 896.6  | 898.1  | 899.6  |
| 125°   | 962.6  | 964.8  | 966.9  | 969.1  | 970.8  | 971.8  | 972.9  | 974.0  | 975.1  | 975.7  | 976.2  |
| 127.5° | 1037.7 | 1039.9 | 1042.0 | 1044.2 | 1045.9 | 1047.3 | 1048.6 | 1049.9 | 1051.2 | 1052.0 | 1052.9 |
| 130°   | 1084.5 | 1086.7 | 1088.8 | 1091.0 | 1092.7 | 1093.7 | 1094.8 | 1095.9 | 1097.0 | 1098.0 | 1099.1 |
| 132.5° | 1129.4 | 1131.6 | 1133.7 | 1135.9 | 1137.4 | 1138.2 | 1139.1 | 1140.0 | 1140.8 | 1141.9 | 1143.0 |
| 135°   | 1197.3 | 1199.0 | 1200.6 | 1202.2 | 1203.5 | 1204.6 | 1205.7 | 1206.8 | 1207.9 | 1208.7 | 1209.5 |
| 137.5° | 1256.3 | 1258.3 | 1260.4 | 1262.4 | 1263.8 | 1264.4 | 1264.9 | 1265.6 | 1266.2 | 1267.5 | 1268.8 |
| 140°   | 1294.9 | 1296.5 | 1298.1 | 1299.8 | 1300.9 | 1301.7 | 1302.5 | 1303.3 | 1304.2 | 1305.3 | 1306.4 |
| 142.5° | 1330.9 | 1332.5 | 1334.2 | 1335.8 | 1337.0 | 1337.8 | 1338.6 | 1339.5 | 1340.3 | 1341.1 | 1342.0 |
| 145°   | 1381.6 | 1383.6 | 1385.4 | 1387.3 | 1388.5 | 1389.1 | 1389.6 | 1390.2 | 1390.7 | 1391.2 | 1391.8 |
| 147.5° | 1428.6 | 1429.8 | 1431.0 | 1432.2 | 1433.1 | 1433.7 | 1434.3 | 1434.8 | 1435.3 | 1435.9 | 1436.4 |
| 150°   | 1457.3 | 1458.2 | 1459.0 | 1459.8 | 1460.4 | 1461.0 | 1461.6 | 1462.1 | 1462.6 | 1463.1 | 1463.7 |
| 152.5° | 1483.3 | 1483.6 | 1484.0 | 1484.4 | 1484.7 | 1485.1 | 1485.4 | 1485.7 | 1486.0 | 1487.0 | 1488.0 |
| 155°   | 1519.4 | 1518.8 | 1518.3 | 1517.8 | 1517.6 | 1517.9 | 1518.2 | 1518.4 | 1518.7 | 1520.0 | 1521.4 |
| 157.5° | 1548.7 | 1548.6 | 1548.5 | 1548.5 | 1548.3 | 1548.0 | 1547.8 | 1547.5 | 1547.2 | 1548.8 | 1550.5 |
| 160°   | 1565.9 | 1565.7 | 1565.5 | 1565.1 | 1564.9 | 1564.6 | 1564.3 | 1564.1 | 1563.8 | 1565.5 | 1567.1 |
| 162.5° | 1582.1 | 1581.4 | 1580.7 | 1580.0 | 1579.5 | 1579.2 | 1579.0 | 1578.7 | 1578.4 | 1580.3 | 1582.1 |
| 165°   | 1602.0 | 1601.2 | 1600.4 | 1599.5 | 1599.0 | 1598.7 | 1598.5 | 1598.2 | 1597.9 | 1600.1 | 1602.2 |
| 167.5° | 1617.3 | 1616.2 | 1615.2 | 1614.0 | 1613.6 | 1613.6 | 1613.6 | 1613.6 | 1613.6 | 1615.7 | 1617.9 |
| 170°   | 1626.1 | 1625.0 | 1623.9 | 1622.9 | 1622.3 | 1622.3 | 1622.3 | 1622.3 | 1622.3 | 1624.5 | 1626.6 |
| 172.5° | 1631.7 | 1630.4 | 1629.1 | 1627.8 | 1627.3 | 1627.5 | 1627.7 | 1627.9 | 1628.2 | 1630.4 | 1632.5 |
| 175°   | 1639.2 | 1637.9 | 1636.6 | 1635.2 | 1634.6 | 1634.9 | 1635.2 | 1635.4 | 1635.7 | 1637.6 | 1639.5 |
| 177.5° | 1641.4 | 1640.4 | 1639.3 | 1638.2 | 1637.8 | 1638.0 | 1638.2 | 1638.4 | 1638.7 | 1640.4 | 1642.1 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 | 443.7 |
| 2.5°   | 468.1 | 468.1 | 468.6 | 470.9 | 471.2 | 473.2 | 472.6 |
| 5°     | 514.4 | 518.0 | 519.3 | 525.1 | 528.4 | 529.9 | 526.9 |
| 7.5°   | 571.0 | 581.2 | 586.0 | 592.1 | 597.3 | 598.9 | 594.8 |
| 10°    | 612.4 | 623.1 | 631.9 | 637.5 | 642.6 | 646.0 | 650.4 |
| 12.5°  | 652.3 | 665.4 | 673.9 | 681.7 | 687.0 | 691.3 | 692.0 |
| 15°    | 695.8 | 715.5 | 730.5 | 741.6 | 747.1 | 749.9 | 748.8 |
| 17.5°  | 739.6 | 757.9 | 768.6 | 779.8 | 787.4 | 787.8 | 788.1 |
| 20°    | 764.3 | 782.2 | 794.6 | 802.9 | 811.5 | 811.1 | 813.0 |
| 22.5°  | 780.9 | 795.0 | 804.5 | 810.5 | 813.4 | 812.0 | 812.4 |
| 25°    | 788.6 | 792.9 | 791.2 | 781.5 | 778.9 | 770.1 | 771.6 |
| 27.5°  | 748.7 | 729.0 | 708.5 | 682.2 | 661.5 | 644.9 | 645.7 |
| 30°    | 694.5 | 659.5 | 619.6 | 586.2 | 556.2 | 547.8 | 529.9 |
| 32.5°  | 618.6 | 566.2 | 519.5 | 488.3 | 462.6 | 455.6 | 440.0 |
| 35°    | 490.1 | 439.1 | 391.1 | 362.2 | 350.8 | 334.8 | 334.7 |
| 37.5°  | 380.9 | 336.1 | 310.7 | 289.0 | 277.7 | 268.0 | 267.1 |
| 40°    | 320.4 | 285.5 | 266.3 | 250.7 | 239.5 | 232.3 | 230.6 |
| 42.5°  | 278.2 | 250.0 | 232.0 | 222.3 | 213.7 | 209.9 | 207.2 |
| 45°    | 227.1 | 208.1 | 195.7 | 186.9 | 183.0 | 180.1 | 178.6 |
| 47.5°  | 190.0 | 177.3 | 168.8 | 162.9 | 159.7 | 156.7 | 157.5 |
| 50°    | 169.8 | 159.4 | 153.1 | 147.6 | 145.1 | 143.0 | 143.2 |
| 52.5°  | 153.5 | 144.1 | 139.1 | 135.1 | 132.1 | 130.5 | 129.9 |
| 55°    | 130.3 | 124.4 | 119.3 | 116.4 | 114.7 | 112.7 | 112.1 |
| 57.5°  | 111.1 | 106.6 | 102.4 | 99.2  | 98.7  | 96.8  | 97.0  |
| 60°    | 98.4  | 94.6  | 91.2  | 89.4  | 88.1  | 86.4  | 87.0  |
| 62.5°  | 87.9  | 84.7  | 81.6  | 80.2  | 78.8  | 77.6  | 77.9  |
| 65°    | 72.0  | 69.0  | 67.0  | 66.3  | 65.7  | 65.1  | 64.6  |
| 67.5°  | 57.4  | 55.5  | 54.3  | 52.7  | 51.5  | 51.4  | 50.8  |
| 70°    | 48.3  | 45.7  | 43.7  | 41.6  | 41.0  | 40.8  | 41.0  |
| 72.5°  | 38.6  | 37.1  | 36.5  | 35.5  | 35.4  | 34.9  | 35.2  |
| 75°    | 29.0  | 28.5  | 28.1  | 27.3  | 27.3  | 27.3  | 27.3  |
| 77.5°  | 21.4  | 21.1  | 20.9  | 20.7  | 20.5  | 20.2  | 20.2  |
| 80°    | 16.7  | 16.6  | 16.1  | 16.1  | 16.0  | 16.1  | 16.0  |
| 82.5°  | 12.6  | 12.6  | 12.2  | 12.2  | 12.0  | 11.9  | 12.0  |
| 85°    | 6.4   | 6.3   | 6.7   | 6.3   | 6.4   | 6.1   | 6.4   |
| 87.5°  | 8.3   | 8.6   | 8.6   | 8.6   | 8.6   | 9.0   | 8.8   |
| 90°    | 32.5  | 33.6  | 34.4  | 35.0  | 35.5  | 36.0  | 36.5  |
| 92.5°  | 36.4  | 38.2  | 39.1  | 39.5  | 39.8  | 40.1  | 40.4  |
| 95°    | 43.5  | 45.3  | 46.3  | 46.3  | 46.3  | 46.3  | 46.3  |
| 97.5°  | 45.7  | 47.9  | 49.2  | 49.4  | 49.7  | 50.0  | 50.2  |
| 100°   | 46.7  | 48.9  | 50.1  | 50.4  | 50.6  | 51.0  | 51.2  |
| 102.5° | 60.1  | 53.3  | 50.2  | 50.7  | 51.2  | 51.7  | 52.2  |
| 105°   | 123.1 | 75.2  | 51.4  | 52.0  | 52.6  | 53.1  | 53.6  |
| 107.5° | 383.8 | 348.6 | 313.0 | 276.9 | 240.7 | 204.6 | 168.4 |
| 110°   | 522.9 | 514.0 | 490.1 | 451.3 | 412.6 | 373.9 | 335.2 |



TEST NUMBER: P332406-930

CATALOG NUMBER: S123RDIW-S340D1535U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 611.6  | 611.8  | 607.8  | 599.6  | 591.4  | 583.3  | 575.0  |
| 115°   | 707.8  | 710.5  | 712.3  | 713.5  | 714.5  | 715.6  | 716.7  |
| 117.5° | 791.9  | 794.1  | 795.3  | 795.5  | 795.7  | 796.0  | 796.1  |
| 120°   | 847.5  | 849.7  | 850.8  | 850.8  | 850.8  | 850.8  | 850.8  |
| 122.5° | 901.2  | 902.7  | 903.5  | 903.8  | 903.9  | 904.2  | 904.4  |
| 125°   | 976.7  | 977.2  | 977.8  | 978.4  | 978.8  | 979.4  | 980.0  |
| 127.5° | 1053.8 | 1054.6 | 1054.8 | 1054.3 | 1053.7 | 1053.1 | 1052.6 |
| 130°   | 1100.2 | 1101.3 | 1101.6 | 1101.1 | 1100.5 | 1099.9 | 1099.4 |
| 132.5° | 1144.1 | 1145.2 | 1145.3 | 1144.6 | 1143.9 | 1143.0 | 1142.3 |
| 135°   | 1210.3 | 1211.1 | 1211.1 | 1210.3 | 1209.5 | 1208.7 | 1207.9 |
| 137.5° | 1270.1 | 1271.4 | 1271.7 | 1271.2 | 1270.6 | 1270.1 | 1269.6 |
| 140°   | 1307.4 | 1308.5 | 1308.8 | 1308.2 | 1307.7 | 1307.2 | 1306.6 |
| 142.5° | 1342.9 | 1343.7 | 1343.8 | 1343.0 | 1342.2 | 1341.5 | 1340.8 |
| 145°   | 1392.4 | 1392.9 | 1393.2 | 1393.2 | 1393.2 | 1393.2 | 1393.2 |
| 147.5° | 1437.0 | 1437.5 | 1437.1 | 1435.9 | 1434.7 | 1433.4 | 1432.2 |
| 150°   | 1464.3 | 1464.8 | 1464.7 | 1463.9 | 1463.1 | 1462.2 | 1461.4 |
| 152.5° | 1489.0 | 1490.0 | 1489.8 | 1488.6 | 1487.3 | 1486.0 | 1484.8 |
| 155°   | 1522.7 | 1524.1 | 1524.0 | 1522.3 | 1520.7 | 1519.1 | 1517.5 |
| 157.5° | 1552.1 | 1553.7 | 1553.5 | 1551.4 | 1549.2 | 1547.1 | 1545.0 |
| 160°   | 1568.6 | 1570.3 | 1570.2 | 1568.2 | 1566.4 | 1564.5 | 1562.6 |
| 162.5° | 1584.0 | 1585.8 | 1585.8 | 1584.2 | 1582.5 | 1580.9 | 1579.2 |
| 165°   | 1604.4 | 1606.6 | 1606.7 | 1604.8 | 1603.0 | 1601.0 | 1599.1 |
| 167.5° | 1620.0 | 1622.2 | 1622.2 | 1620.0 | 1617.9 | 1615.7 | 1613.6 |
| 170°   | 1628.8 | 1631.0 | 1631.0 | 1628.8 | 1626.6 | 1624.5 | 1622.3 |
| 172.5° | 1634.7 | 1636.8 | 1636.7 | 1634.3 | 1632.0 | 1629.5 | 1627.2 |
| 175°   | 1641.4 | 1643.3 | 1643.2 | 1641.0 | 1638.8 | 1636.6 | 1634.5 |
| 177.5° | 1643.8 | 1645.6 | 1645.4 | 1643.2 | 1641.0 | 1638.8 | 1636.7 |
| 180°   | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 | 1640.5 |

(END OF REPORT)