

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: P333657-840

Luminaire Tested: **S125RDIW-S375D1560U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333657-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-S375D1560U840-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1560 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6938.2 lumens  
Efficiency: N/A  
Efficacy: 129.9 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

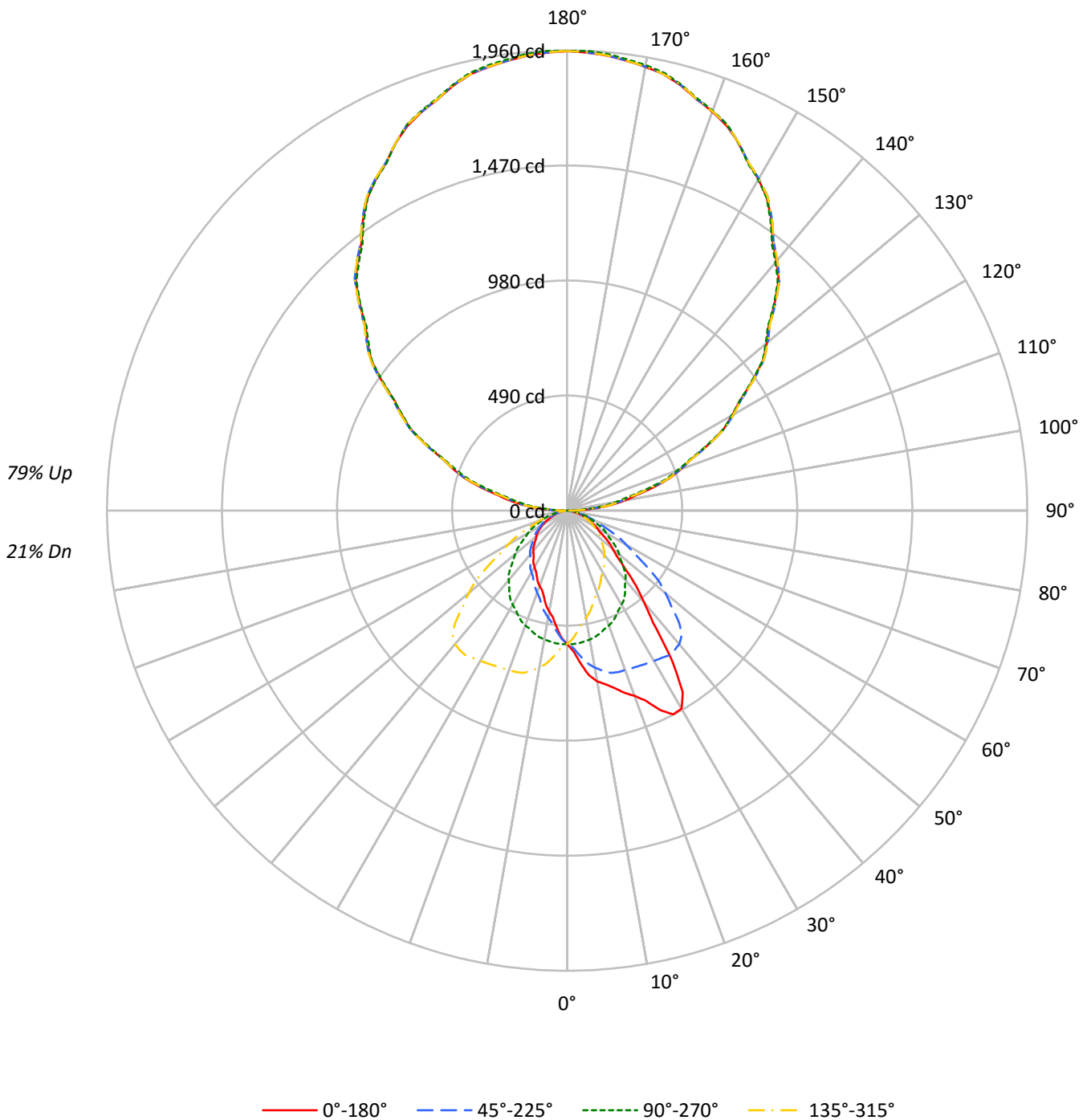
Input Watts (W): 53.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333657-840

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### Luminous Intensity Polar Plot





TEST NUMBER: P333657-840

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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 | 89 | 89 | 89 | 89 | 67 | 67 | 67 | 48 | 48 | 48 | 30 | 30 | 30 | 21 |
| 1   | 92  | 87  | 84  | 81  | 81 | 78 | 75 | 72 | 59 | 57 | 55 | 42 | 41 | 40 | 26 | 26 | 25 | 18 |
| 2   | 83  | 76  | 71  | 66  | 74 | 68 | 63 | 59 | 52 | 49 | 46 | 37 | 35 | 34 | 24 | 23 | 22 | 16 |
| 3   | 76  | 67  | 60  | 55  | 67 | 60 | 54 | 49 | 46 | 42 | 39 | 33 | 31 | 28 | 21 | 20 | 19 | 13 |
| 4   | 70  | 59  | 52  | 46  | 61 | 53 | 47 | 42 | 41 | 36 | 33 | 29 | 27 | 24 | 19 | 17 | 16 | 12 |
| 5   | 64  | 53  | 45  | 40  | 56 | 47 | 41 | 36 | 36 | 32 | 28 | 26 | 23 | 21 | 17 | 15 | 14 | 10 |
| 6   | 59  | 47  | 40  | 34  | 52 | 42 | 36 | 31 | 33 | 28 | 25 | 24 | 21 | 18 | 15 | 14 | 12 | 9  |
| 7   | 54  | 42  | 35  | 30  | 48 | 38 | 32 | 27 | 29 | 25 | 22 | 21 | 18 | 16 | 14 | 12 | 11 | 8  |
| 8   | 50  | 38  | 31  | 26  | 44 | 34 | 28 | 24 | 27 | 22 | 19 | 20 | 17 | 14 | 13 | 11 | 10 | 7  |
| 9   | 46  | 35  | 28  | 23  | 41 | 31 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 | 12 | 10 | 9  | 6  |
| 10  | 43  | 32  | 25  | 20  | 38 | 29 | 23 | 19 | 22 | 18 | 15 | 16 | 14 | 11 | 11 | 9  | 8  | 6  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3672 | 3672 | 3672 | 3672 |
| 5°  | 4224 | 3676 | 3247 | 3676 |
| 10° | 4845 | 3657 | 2865 | 3657 |
| 15° | 5233 | 3620 | 2546 | 3620 |
| 20° | 5770 | 3577 | 2351 | 3577 |
| 25° | 6678 | 3518 | 2182 | 3518 |
| 30° | 7267 | 3457 | 2071 | 3457 |
| 35° | 6130 | 3387 | 1968 | 3387 |
| 40° | 4281 | 3260 | 1881 | 3260 |
| 45° | 3176 | 3088 | 1795 | 3088 |
| 50° | 2533 | 2910 | 1721 | 2910 |
| 55° | 2149 | 2688 | 1655 | 2688 |
| 60° | 1856 | 2490 | 1550 | 2490 |
| 65° | 1655 | 2275 | 1334 | 2275 |
| 70° | 1456 | 2085 | 1216 | 2085 |
| 75° | 1258 | 1804 | 1140 | 1804 |
| 80° | 956  | 1517 | 956  | 1517 |
| 85° | 793  | 1193 | 897  | 1193 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 54.5   | 0.8       |
| 10°-20°   | 159.7  | 2.3       |
| 20°-30°   | 253.3  | 3.7       |
| 30°-40°   | 305.4  | 4.4       |
| 40°-50°   | 272.8  | 3.9       |
| 50°-60°   | 209.2  | 3.0       |
| 60°-70°   | 135.9  | 2.0       |
| 70°-80°   | 66.1   | 1.0       |
| 80°-90°   | 20.0   | 0.3       |
| 90°-100°  | 131.1  | 1.9       |
| 100°-110° | 387.1  | 5.6       |
| 110°-120° | 655.6  | 9.4       |
| 120°-130° | 862.9  | 12.4      |
| 130°-140° | 966.8  | 13.9      |
| 140°-150° | 947.6  | 13.7      |
| 150°-160° | 795.9  | 11.5      |
| 160°-170° | 529.1  | 7.6       |
| 170°-180° | 185.2  | 2.7       |
| 0°-30°    | 467.5  | 6.7       |
| 0°-40°    | 773.0  | 11.1      |
| 0°-60°    | 1254.9 | 18.1      |
| 0°-90°    | 1477.0 | 21.3      |
| 90°-120°  | 1173.8 | 16.9      |
| 90°-150°  | 3951.1 | 56.9      |
| 90°-180°  | 5461.0 | 78.7      |
| 0°-180°   | 6938.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 568  | 568  | 568  | 568  | 568  |      |
| 5°   | 652  | 567  | 501  | 567  | 652  | 65   |
| 15°  | 783  | 541  | 381  | 541  | 783  | 224  |
| 25°  | 937  | 494  | 306  | 494  | 937  | 430  |
| 35°  | 778  | 430  | 250  | 430  | 778  | 470  |
| 45°  | 348  | 338  | 196  | 338  | 348  | 277  |
| 55°  | 191  | 239  | 147  | 239  | 191  | 173  |
| 65°  | 108  | 149  | 87   | 149  | 108  | 108  |
| 75°  | 50   | 72   | 46   | 72   | 50   | 54   |
| 85°  | 11   | 16   | 12   | 16   | 11   | 13   |
| 90°  | 37   | 2    | 37   | 2    | 37   | 21   |
| 95°  | 131  | 99   | 131  | 99   | 131  | 133  |
| 105° | 378  | 347  | 378  | 347  | 378  | 400  |
| 115° | 663  | 656  | 663  | 656  | 663  | 655  |
| 125° | 964  | 958  | 964  | 958  | 964  | 861  |
| 135° | 1250 | 1246 | 1250 | 1246 | 1250 | 965  |
| 145° | 1515 | 1509 | 1515 | 1509 | 1515 | 946  |
| 155° | 1727 | 1727 | 1727 | 1727 | 1727 | 795  |
| 165° | 1873 | 1878 | 1873 | 1878 | 1873 | 528  |
| 175° | 1945 | 1953 | 1945 | 1953 | 1945 | 185  |
| 180° | 1957 | 1957 | 1957 | 1957 | 1957 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 597.9 | 597.5 | 598.3 | 596.2 | 596.4 | 593.3 | 593.3 | 590.9 | 587.6 | 585.2 | 584.1 |
| 5°     | 651.5 | 652.0 | 651.1 | 647.5 | 645.2 | 641.7 | 637.7 | 630.8 | 624.9 | 619.2 | 614.9 |
| 7.5°   | 706.7 | 707.0 | 703.9 | 702.9 | 696.9 | 692.7 | 683.9 | 674.3 | 665.9 | 655.1 | 646.9 |
| 10°    | 738.8 | 738.5 | 735.3 | 732.7 | 727.6 | 721.0 | 712.4 | 701.3 | 690.7 | 679.0 | 667.8 |
| 12.5°  | 757.4 | 756.8 | 755.8 | 752.7 | 747.9 | 742.1 | 734.8 | 723.8 | 710.8 | 698.1 | 685.0 |
| 15°    | 782.6 | 781.0 | 778.0 | 774.0 | 767.2 | 760.4 | 752.3 | 742.6 | 730.1 | 715.7 | 703.6 |
| 17.5°  | 813.9 | 813.9 | 809.2 | 803.7 | 794.5 | 782.5 | 769.9 | 754.2 | 737.3 | 721.4 | 708.5 |
| 20°    | 839.6 | 838.9 | 834.2 | 823.4 | 812.9 | 798.0 | 783.6 | 764.2 | 743.7 | 722.9 | 706.8 |
| 22.5°  | 876.6 | 874.7 | 869.9 | 855.8 | 839.5 | 820.2 | 798.1 | 774.5 | 749.6 | 726.1 | 704.9 |
| 25°    | 937.2 | 935.7 | 926.1 | 909.8 | 887.0 | 857.3 | 828.4 | 796.0 | 760.2 | 729.2 | 703.6 |
| 27.5°  | 978.6 | 977.0 | 969.9 | 956.3 | 935.2 | 904.0 | 864.9 | 821.5 | 777.0 | 734.3 | 697.3 |
| 30°    | 974.4 | 978.0 | 977.0 | 970.7 | 954.8 | 926.9 | 890.7 | 841.9 | 788.9 | 738.8 | 694.7 |
| 32.5°  | 915.8 | 919.0 | 927.2 | 939.6 | 940.5 | 929.3 | 902.2 | 857.2 | 802.3 | 745.3 | 692.6 |
| 35°    | 777.5 | 781.7 | 797.6 | 822.5 | 855.3 | 882.5 | 888.1 | 863.8 | 814.6 | 753.3 | 689.5 |
| 37.5°  | 597.7 | 620.7 | 634.1 | 660.4 | 709.7 | 759.9 | 808.2 | 826.0 | 805.1 | 749.9 | 684.6 |
| 40°    | 507.8 | 513.3 | 537.1 | 566.8 | 608.3 | 660.6 | 729.4 | 779.1 | 780.7 | 742.6 | 676.7 |
| 42.5°  | 434.5 | 441.7 | 458.0 | 481.7 | 517.3 | 569.5 | 640.6 | 706.2 | 736.5 | 722.0 | 666.4 |
| 45°    | 347.7 | 353.0 | 365.0 | 383.1 | 410.4 | 453.6 | 514.7 | 590.6 | 650.8 | 674.4 | 638.9 |
| 47.5°  | 285.6 | 288.5 | 298.8 | 312.8 | 333.0 | 364.4 | 411.7 | 477.6 | 549.8 | 600.4 | 595.4 |
| 50°    | 252.1 | 255.3 | 263.2 | 273.7 | 290.7 | 317.3 | 355.2 | 410.0 | 484.4 | 546.2 | 558.7 |
| 52.5°  | 225.9 | 228.6 | 233.6 | 243.5 | 257.5 | 277.9 | 308.5 | 358.1 | 425.1 | 490.8 | 519.5 |
| 55°    | 190.9 | 192.8 | 196.7 | 202.3 | 213.5 | 228.2 | 254.6 | 288.9 | 343.1 | 409.3 | 451.3 |
| 57.5°  | 162.1 | 163.0 | 165.5 | 170.7 | 178.4 | 189.1 | 208.2 | 237.2 | 276.1 | 335.8 | 382.1 |
| 60°    | 143.7 | 144.7 | 147.9 | 151.5 | 157.5 | 167.3 | 182.3 | 202.6 | 239.8 | 289.1 | 336.0 |
| 62.5°  | 129.2 | 129.8 | 131.2 | 134.6 | 140.0 | 147.5 | 159.3 | 175.8 | 205.5 | 248.8 | 293.1 |
| 65°    | 108.3 | 108.5 | 109.0 | 111.8 | 115.0 | 120.7 | 128.4 | 140.0 | 162.4 | 195.1 | 234.3 |
| 67.5°  | 88.2  | 88.6  | 90.2  | 91.2  | 94.5  | 97.5  | 102.0 | 110.9 | 126.7 | 148.8 | 179.3 |
| 70°    | 77.1  | 76.7  | 78.4  | 79.6  | 80.7  | 84.2  | 87.3  | 94.5  | 104.3 | 121.1 | 146.5 |
| 72.5°  | 66.6  | 65.9  | 66.7  | 67.1  | 68.6  | 71.0  | 74.0  | 78.5  | 86.0  | 97.6  | 117.0 |
| 75°    | 50.4  | 50.6  | 50.6  | 51.1  | 52.3  | 53.2  | 54.1  | 56.5  | 60.7  | 68.4  | 78.9  |
| 77.5°  | 35.3  | 35.0  | 36.0  | 36.2  | 36.9  | 37.9  | 38.7  | 39.6  | 41.3  | 44.4  | 49.9  |
| 80°    | 25.7  | 25.7  | 25.9  | 26.6  | 26.4  | 26.9  | 28.0  | 29.0  | 31.0  | 32.9  | 34.7  |
| 82.5°  | 19.7  | 19.5  | 19.7  | 19.9  | 19.8  | 20.3  | 20.7  | 20.9  | 21.7  | 22.6  | 23.9  |
| 85°    | 10.7  | 10.7  | 11.0  | 11.0  | 11.2  | 11.2  | 11.4  | 11.4  | 11.4  | 11.7  | 11.9  |
| 87.5°  | 11.4  | 11.0  | 10.6  | 10.4  | 10.4  | 10.5  | 10.0  | 9.5   | 9.1   | 8.8   | 8.5   |
| 90°    | 36.6  | 35.5  | 34.5  | 33.5  | 32.5  | 31.1  | 29.5  | 27.8  | 26.1  | 24.3  | 22.0  |
| 92.5°  | 71.9  | 71.1  | 70.4  | 69.7  | 68.9  | 67.5  | 65.1  | 62.9  | 60.7  | 58.5  | 55.5  |
| 95°    | 131.0 | 130.3 | 129.7 | 129.0 | 128.3 | 126.7 | 124.4 | 122.0 | 119.7 | 117.2 | 113.9 |
| 97.5°  | 198.6 | 198.2 | 197.8 | 197.4 | 197.0 | 195.6 | 193.4 | 191.2 | 188.9 | 186.7 | 182.1 |
| 100°   | 249.7 | 249.1 | 248.4 | 247.7 | 247.1 | 245.2 | 242.2 | 239.1 | 236.1 | 233.0 | 228.6 |
| 102.5° | 300.9 | 300.0 | 299.0 | 298.1 | 297.2 | 295.0 | 291.8 | 288.4 | 285.1 | 281.8 | 279.5 |
| 105°   | 377.7 | 376.7 | 375.7 | 374.7 | 373.7 | 372.1 | 370.1 | 368.1 | 366.1 | 364.1 | 361.9 |
| 107.5° | 456.3 | 456.4 | 456.5 | 456.5 | 456.6 | 456.1 | 455.0 | 454.0 | 453.0 | 452.0 | 450.5 |
| 110°   | 514.8 | 515.1 | 515.4 | 515.8 | 516.1 | 515.8 | 514.8 | 513.8 | 512.7 | 511.7 | 510.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 572.1  | 572.7  | 573.3  | 573.9  | 574.5  | 574.5  | 574.1  | 573.6  | 573.1  | 572.7  | 571.4  |
| 115°   | 662.6  | 662.9  | 663.2  | 663.6  | 663.9  | 664.2  | 664.6  | 664.9  | 665.2  | 665.6  | 664.9  |
| 117.5° | 750.8  | 752.2  | 753.6  | 754.9  | 756.3  | 756.8  | 756.6  | 756.3  | 756.0  | 755.8  | 755.1  |
| 120°   | 811.8  | 813.1  | 814.5  | 815.9  | 817.2  | 817.9  | 817.9  | 817.9  | 817.9  | 817.9  | 817.5  |
| 122.5° | 872.7  | 873.7  | 874.8  | 876.0  | 877.1  | 877.7  | 878.0  | 878.3  | 878.5  | 878.8  | 877.9  |
| 125°   | 964.1  | 964.4  | 964.7  | 965.1  | 965.4  | 965.9  | 966.6  | 967.3  | 968.0  | 968.7  | 968.4  |
| 127.5° | 1051.8 | 1052.5 | 1053.2 | 1053.8 | 1054.5 | 1055.0 | 1055.4 | 1055.7 | 1056.0 | 1056.4 | 1056.0 |
| 130°   | 1110.3 | 1111.0 | 1111.7 | 1112.4 | 1113.0 | 1113.5 | 1113.9 | 1114.2 | 1114.5 | 1114.9 | 1114.2 |
| 132.5° | 1165.1 | 1166.1 | 1167.0 | 1168.0 | 1168.9 | 1169.5 | 1169.9 | 1170.2 | 1170.5 | 1170.9 | 1171.0 |
| 135°   | 1250.4 | 1251.7 | 1253.1 | 1254.5 | 1255.9 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1256.2 |
| 137.5° | 1333.8 | 1335.5 | 1337.3 | 1339.0 | 1340.7 | 1341.3 | 1340.9 | 1340.5 | 1340.1 | 1339.7 | 1338.9 |
| 140°   | 1387.5 | 1389.2 | 1390.9 | 1392.6 | 1394.2 | 1394.7 | 1394.1 | 1393.4 | 1392.7 | 1392.1 | 1391.1 |
| 142.5° | 1438.7 | 1440.4 | 1442.1 | 1443.7 | 1445.4 | 1446.1 | 1445.6 | 1445.2 | 1444.8 | 1444.4 | 1443.2 |
| 145°   | 1515.4 | 1516.4 | 1517.4 | 1518.4 | 1519.4 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1518.9 |
| 147.5° | 1580.9 | 1583.3 | 1585.5 | 1587.8 | 1590.1 | 1590.8 | 1590.0 | 1589.2 | 1588.4 | 1587.6 | 1586.8 |
| 150°   | 1629.6 | 1630.3 | 1631.0 | 1631.6 | 1632.3 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1631.3 |
| 152.5° | 1669.9 | 1671.1 | 1672.3 | 1673.5 | 1674.8 | 1675.0 | 1674.2 | 1673.3 | 1672.5 | 1671.7 | 1671.1 |
| 155°   | 1727.2 | 1728.8 | 1730.5 | 1732.2 | 1733.9 | 1734.0 | 1732.7 | 1731.3 | 1730.0 | 1728.7 | 1728.3 |
| 157.5° | 1774.9 | 1777.2 | 1779.4 | 1781.6 | 1783.9 | 1784.3 | 1783.0 | 1781.6 | 1780.3 | 1778.9 | 1778.6 |
| 160°   | 1807.9 | 1809.6 | 1811.2 | 1812.9 | 1814.6 | 1814.8 | 1813.4 | 1812.1 | 1810.7 | 1809.4 | 1809.1 |
| 162.5° | 1835.8 | 1837.9 | 1839.8 | 1841.8 | 1843.7 | 1843.9 | 1842.3 | 1840.7 | 1839.1 | 1837.3 | 1837.3 |
| 165°   | 1873.3 | 1875.4 | 1877.4 | 1879.5 | 1881.5 | 1881.8 | 1880.5 | 1879.1 | 1877.7 | 1876.4 | 1876.0 |
| 167.5° | 1903.2 | 1905.3 | 1907.4 | 1909.5 | 1911.6 | 1911.6 | 1909.6 | 1907.5 | 1905.5 | 1903.5 | 1903.5 |
| 170°   | 1919.0 | 1921.4 | 1923.8 | 1926.1 | 1928.5 | 1928.6 | 1926.6 | 1924.6 | 1922.6 | 1920.6 | 1920.6 |
| 172.5° | 1932.5 | 1934.5 | 1936.6 | 1938.7 | 1940.9 | 1940.9 | 1938.8 | 1936.8 | 1934.8 | 1932.8 | 1932.8 |
| 175°   | 1944.9 | 1947.3 | 1949.6 | 1952.1 | 1954.4 | 1954.6 | 1952.6 | 1950.6 | 1948.4 | 1946.4 | 1946.4 |
| 177.5° | 1952.3 | 1954.1 | 1956.0 | 1957.9 | 1959.8 | 1959.9 | 1958.3 | 1956.7 | 1955.1 | 1953.5 | 1953.7 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 584.1 | 582.8 | 580.4 | 578.1 | 575.3 | 572.9 | 571.2 | 569.2 | 566.5 | 563.4 | 560.8 |
| 5°     | 610.0 | 604.8 | 598.0 | 592.2 | 584.7 | 579.0 | 572.9 | 567.0 | 561.2 | 553.7 | 547.1 |
| 7.5°   | 638.6 | 628.0 | 617.7 | 604.7 | 593.0 | 582.5 | 572.4 | 562.2 | 552.2 | 541.6 | 531.4 |
| 10°    | 656.2 | 643.3 | 629.1 | 612.8 | 597.8 | 583.6 | 570.6 | 557.6 | 544.1 | 532.3 | 519.5 |
| 12.5°  | 672.6 | 656.0 | 639.7 | 619.1 | 601.2 | 583.8 | 567.1 | 551.2 | 536.7 | 521.3 | 507.5 |
| 15°    | 687.4 | 671.1 | 652.9 | 627.7 | 602.7 | 581.7 | 562.1 | 541.4 | 523.4 | 506.1 | 490.7 |
| 17.5°  | 693.2 | 676.0 | 654.9 | 630.7 | 603.4 | 576.9 | 551.7 | 529.0 | 507.8 | 487.7 | 470.4 |
| 20°    | 690.9 | 674.4 | 652.7 | 629.5 | 600.4 | 572.9 | 545.5 | 520.4 | 496.8 | 475.5 | 457.2 |
| 22.5°  | 685.5 | 668.4 | 647.4 | 623.0 | 595.3 | 566.1 | 536.9 | 510.1 | 485.4 | 463.4 | 443.3 |
| 25°    | 677.4 | 654.1 | 632.6 | 608.7 | 582.4 | 553.5 | 523.4 | 493.7 | 467.4 | 444.9 | 423.0 |
| 27.5°  | 668.9 | 639.9 | 612.5 | 588.9 | 561.0 | 535.2 | 506.1 | 475.7 | 448.1 | 425.3 | 402.7 |
| 30°    | 661.3 | 628.6 | 598.5 | 571.7 | 545.3 | 520.8 | 493.3 | 463.6 | 435.2 | 411.6 | 388.8 |
| 32.5°  | 651.8 | 617.0 | 584.0 | 553.0 | 527.6 | 503.3 | 478.4 | 450.0 | 422.3 | 398.0 | 374.8 |
| 35°    | 639.9 | 595.5 | 559.6 | 526.6 | 498.5 | 474.8 | 452.4 | 429.6 | 401.8 | 376.6 | 354.0 |
| 37.5°  | 624.2 | 573.8 | 532.3 | 496.4 | 466.7 | 443.0 | 425.3 | 404.3 | 379.0 | 355.0 | 334.0 |
| 40°    | 614.6 | 558.2 | 512.7 | 477.2 | 446.0 | 420.9 | 404.3 | 386.7 | 363.6 | 340.9 | 319.9 |
| 42.5°  | 602.0 | 543.8 | 492.9 | 456.0 | 424.4 | 400.4 | 383.6 | 368.2 | 348.8 | 327.5 | 305.0 |
| 45°    | 577.0 | 515.9 | 462.5 | 422.8 | 391.1 | 367.5 | 351.8 | 338.1 | 323.5 | 303.8 | 284.2 |
| 47.5°  | 544.7 | 486.9 | 430.9 | 387.6 | 356.6 | 334.7 | 319.5 | 308.6 | 298.1 | 281.4 | 262.5 |
| 50°    | 518.8 | 462.9 | 408.4 | 366.4 | 333.3 | 312.5 | 298.2 | 289.6 | 280.0 | 264.9 | 248.9 |
| 52.5°  | 488.1 | 438.3 | 384.9 | 341.9 | 310.6 | 291.1 | 277.5 | 268.8 | 260.9 | 248.6 | 233.5 |
| 55°    | 439.9 | 396.2 | 347.2 | 308.2 | 279.5 | 259.9 | 246.9 | 238.7 | 234.1 | 223.6 | 211.7 |
| 57.5°  | 384.2 | 352.9 | 309.7 | 272.2 | 246.7 | 227.4 | 217.8 | 210.9 | 205.6 | 198.1 | 189.8 |
| 60°    | 345.4 | 323.5 | 284.7 | 248.9 | 225.6 | 207.2 | 198.5 | 192.8 | 187.8 | 181.6 | 175.0 |
| 62.5°  | 306.0 | 290.0 | 256.3 | 225.6 | 204.2 | 188.7 | 180.7 | 175.4 | 169.8 | 165.5 | 159.2 |
| 65°    | 253.2 | 238.9 | 215.6 | 191.6 | 171.8 | 159.4 | 153.5 | 148.9 | 145.4 | 140.7 | 136.2 |
| 67.5°  | 196.9 | 191.2 | 175.0 | 158.4 | 144.2 | 133.2 | 128.2 | 124.9 | 120.8 | 118.0 | 114.9 |
| 70°    | 162.4 | 159.6 | 148.1 | 137.2 | 123.9 | 116.4 | 111.8 | 110.4 | 105.2 | 102.4 | 100.4 |
| 72.5°  | 131.8 | 130.5 | 123.9 | 116.3 | 106.9 | 100.4 | 96.1  | 94.5  | 91.2  | 89.0  | 87.7  |
| 75°    | 90.3  | 90.8  | 89.6  | 84.7  | 81.2  | 77.1  | 73.3  | 72.3  | 70.0  | 68.2  | 67.0  |
| 77.5°  | 57.2  | 59.5  | 59.6  | 59.4  | 58.0  | 55.4  | 53.8  | 53.1  | 50.9  | 50.2  | 49.9  |
| 80°    | 39.2  | 41.8  | 44.1  | 43.8  | 43.4  | 42.7  | 41.5  | 40.8  | 39.7  | 39.0  | 38.5  |
| 82.5°  | 26.2  | 28.5  | 30.5  | 31.7  | 31.6  | 30.9  | 30.2  | 29.8  | 29.6  | 29.1  | 29.0  |
| 85°    | 12.3  | 12.8  | 13.5  | 15.1  | 16.4  | 16.6  | 16.4  | 16.1  | 15.5  | 15.7  | 15.9  |
| 87.5°  | 8.2   | 7.8   | 7.5   | 7.0   | 6.3   | 6.6   | 6.7   | 6.3   | 6.5   | 6.6   | 6.8   |
| 90°    | 19.6  | 17.3  | 14.8  | 12.3  | 9.7   | 7.0   | 4.2   | 1.5   | 4.2   | 7.0   | 9.7   |
| 92.5°  | 52.6  | 49.8  | 46.9  | 44.4  | 42.5  | 40.7  | 38.8  | 36.9  | 38.8  | 40.7  | 42.5  |
| 95°    | 110.5 | 107.1 | 103.7 | 101.7 | 101.0 | 100.4 | 99.7  | 99.0  | 99.7  | 100.4 | 101.0 |
| 97.5°  | 177.4 | 172.7 | 168.0 | 165.6 | 165.3 | 165.0 | 164.7 | 164.5 | 164.7 | 165.0 | 165.3 |
| 100°   | 224.2 | 219.8 | 215.4 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 |
| 102.5° | 277.3 | 275.1 | 272.9 | 271.0 | 269.6 | 268.3 | 267.0 | 265.6 | 267.0 | 268.3 | 269.6 |
| 105°   | 359.9 | 357.9 | 355.9 | 354.1 | 352.3 | 350.6 | 348.9 | 347.3 | 348.9 | 350.6 | 352.3 |
| 107.5° | 448.9 | 447.4 | 445.9 | 444.1 | 442.5 | 440.8 | 439.1 | 437.4 | 439.1 | 440.8 | 442.5 |
| 110°   | 509.7 | 508.7 | 507.7 | 506.3 | 504.6 | 502.9 | 501.3 | 499.6 | 501.3 | 502.9 | 504.6 |





TEST NUMBER: P333657-840

CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 570.1  | 568.8  | 567.5  | 566.4  | 565.5  | 564.7  | 563.8  | 562.9  | 563.8  | 564.7  | 565.5  |
| 115°   | 664.2  | 663.6  | 662.9  | 661.9  | 660.5  | 659.1  | 657.8  | 656.4  | 657.8  | 659.1  | 660.5  |
| 117.5° | 754.5  | 753.9  | 753.3  | 752.7  | 752.0  | 751.4  | 750.8  | 750.2  | 750.8  | 751.4  | 752.0  |
| 120°   | 817.2  | 816.9  | 816.5  | 815.5  | 813.9  | 812.1  | 810.4  | 808.7  | 810.4  | 812.1  | 813.9  |
| 122.5° | 877.1  | 876.2  | 875.3  | 874.5  | 873.9  | 873.3  | 872.7  | 872.1  | 872.7  | 873.3  | 873.9  |
| 125°   | 968.0  | 967.7  | 967.3  | 966.1  | 964.1  | 962.1  | 960.0  | 958.0  | 960.0  | 962.1  | 964.1  |
| 127.5° | 1055.6 | 1055.2 | 1054.8 | 1054.0 | 1052.8 | 1051.7 | 1050.6 | 1049.4 | 1050.6 | 1051.7 | 1052.8 |
| 130°   | 1113.5 | 1112.9 | 1112.2 | 1111.0 | 1109.2 | 1107.6 | 1105.9 | 1104.2 | 1105.9 | 1107.6 | 1109.2 |
| 132.5° | 1171.1 | 1171.3 | 1171.4 | 1170.1 | 1167.4 | 1164.6 | 1161.8 | 1159.0 | 1161.8 | 1164.6 | 1167.4 |
| 135°   | 1255.9 | 1255.5 | 1255.2 | 1253.9 | 1251.9 | 1249.9 | 1247.9 | 1245.9 | 1247.9 | 1249.9 | 1251.9 |
| 137.5° | 1338.2 | 1337.5 | 1336.7 | 1335.3 | 1333.3 | 1331.4 | 1329.5 | 1327.5 | 1329.5 | 1331.4 | 1333.3 |
| 140°   | 1390.1 | 1389.0 | 1388.0 | 1386.6 | 1384.9 | 1383.2 | 1381.6 | 1379.9 | 1381.6 | 1383.2 | 1384.9 |
| 142.5° | 1441.9 | 1440.6 | 1439.3 | 1437.9 | 1436.5 | 1435.1 | 1433.7 | 1432.3 | 1433.7 | 1435.1 | 1436.5 |
| 145°   | 1517.9 | 1516.9 | 1515.9 | 1514.8 | 1513.4 | 1512.1 | 1510.7 | 1509.3 | 1510.7 | 1512.1 | 1513.4 |
| 147.5° | 1586.0 | 1585.2 | 1584.4 | 1583.6 | 1582.9 | 1582.1 | 1581.3 | 1580.6 | 1581.3 | 1582.1 | 1582.9 |
| 150°   | 1630.0 | 1628.6 | 1627.3 | 1626.8 | 1627.1 | 1627.5 | 1627.8 | 1628.1 | 1627.8 | 1627.5 | 1627.1 |
| 152.5° | 1670.6 | 1670.1 | 1669.5 | 1669.0 | 1668.5 | 1668.1 | 1667.6 | 1667.1 | 1667.6 | 1668.1 | 1668.5 |
| 155°   | 1728.0 | 1727.7 | 1727.3 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 |
| 157.5° | 1778.3 | 1777.9 | 1777.6 | 1777.8 | 1778.5 | 1779.3 | 1780.0 | 1780.7 | 1780.0 | 1779.3 | 1778.5 |
| 160°   | 1808.7 | 1808.4 | 1808.1 | 1808.4 | 1809.4 | 1810.4 | 1811.4 | 1812.4 | 1811.4 | 1810.4 | 1809.4 |
| 162.5° | 1837.2 | 1837.1 | 1837.1 | 1837.4 | 1838.3 | 1839.0 | 1839.7 | 1840.5 | 1839.7 | 1839.0 | 1838.3 |
| 165°   | 1875.7 | 1875.4 | 1875.0 | 1875.2 | 1875.9 | 1876.5 | 1877.2 | 1877.9 | 1877.2 | 1876.5 | 1875.9 |
| 167.5° | 1903.5 | 1903.5 | 1903.5 | 1904.2 | 1905.5 | 1906.9 | 1908.2 | 1909.6 | 1908.2 | 1906.9 | 1905.5 |
| 170°   | 1920.6 | 1920.6 | 1920.6 | 1921.3 | 1922.6 | 1923.9 | 1925.3 | 1926.6 | 1925.3 | 1923.9 | 1922.6 |
| 172.5° | 1932.8 | 1932.8 | 1932.8 | 1933.4 | 1934.8 | 1936.1 | 1937.5 | 1938.8 | 1937.5 | 1936.1 | 1934.8 |
| 175°   | 1946.4 | 1946.4 | 1946.4 | 1947.1 | 1948.4 | 1949.8 | 1951.2 | 1952.6 | 1951.2 | 1949.8 | 1948.4 |
| 177.5° | 1954.0 | 1954.3 | 1954.5 | 1955.2 | 1956.3 | 1957.4 | 1958.4 | 1959.5 | 1958.4 | 1957.4 | 1956.3 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333657-840

CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 558.9 | 556.3 | 554.4 | 550.7 | 548.1 | 546.9 | 544.9 | 544.3 | 546.4 | 544.9 | 544.7 |
| 5°     | 542.3 | 535.5 | 530.2 | 524.8 | 519.0 | 515.2 | 509.6 | 508.7 | 507.3 | 505.2 | 504.7 |
| 7.5°   | 522.4 | 513.5 | 506.6 | 497.8 | 490.1 | 483.8 | 476.9 | 473.5 | 471.7 | 469.0 | 465.3 |
| 10°    | 509.0 | 498.5 | 489.1 | 480.2 | 470.7 | 462.9 | 456.0 | 450.6 | 447.1 | 443.8 | 442.4 |
| 12.5°  | 495.6 | 484.9 | 473.0 | 462.3 | 451.6 | 443.0 | 435.3 | 431.7 | 427.9 | 424.0 | 420.8 |
| 15°    | 475.0 | 460.9 | 447.8 | 435.5 | 426.4 | 417.0 | 409.5 | 404.3 | 398.6 | 396.9 | 390.6 |
| 17.5°  | 453.2 | 439.3 | 423.9 | 411.0 | 400.4 | 390.1 | 381.9 | 376.1 | 371.7 | 365.7 | 362.8 |
| 20°    | 439.6 | 423.0 | 408.1 | 396.2 | 384.6 | 372.4 | 364.1 | 359.1 | 355.0 | 350.0 | 347.7 |
| 22.5°  | 425.1 | 408.9 | 393.5 | 379.6 | 367.8 | 355.8 | 349.8 | 344.8 | 340.0 | 335.5 | 332.3 |
| 25°    | 403.6 | 387.4 | 371.2 | 356.8 | 344.5 | 335.8 | 328.8 | 323.0 | 320.4 | 316.0 | 312.7 |
| 27.5°  | 382.5 | 365.2 | 348.5 | 334.1 | 324.4 | 315.8 | 310.0 | 305.5 | 300.8 | 297.0 | 294.1 |
| 30°    | 368.9 | 351.2 | 333.0 | 321.5 | 311.2 | 303.2 | 296.8 | 292.4 | 288.9 | 285.4 | 283.3 |
| 32.5°  | 355.3 | 337.0 | 320.8 | 308.5 | 298.8 | 291.8 | 285.3 | 280.9 | 277.3 | 273.5 | 270.9 |
| 35°    | 333.5 | 314.8 | 301.7 | 289.6 | 280.0 | 273.5 | 269.0 | 263.0 | 259.9 | 257.1 | 254.6 |
| 37.5°  | 313.2 | 295.8 | 281.7 | 271.0 | 262.7 | 256.2 | 250.4 | 247.2 | 243.5 | 241.0 | 238.8 |
| 40°    | 298.2 | 282.4 | 269.5 | 258.3 | 252.3 | 245.0 | 239.6 | 235.4 | 232.7 | 229.3 | 227.0 |
| 42.5°  | 284.8 | 270.0 | 257.5 | 247.5 | 239.9 | 233.8 | 228.6 | 224.4 | 220.9 | 218.5 | 216.6 |
| 45°    | 265.8 | 251.1 | 238.9 | 229.6 | 222.6 | 216.8 | 211.4 | 209.3 | 204.6 | 201.9 | 200.9 |
| 47.5°  | 246.1 | 233.0 | 221.3 | 212.7 | 205.5 | 200.0 | 194.9 | 190.7 | 188.0 | 185.3 | 183.8 |
| 50°    | 232.9 | 220.3 | 209.3 | 200.9 | 193.9 | 187.8 | 183.2 | 180.4 | 176.8 | 174.3 | 172.5 |
| 52.5°  | 219.6 | 207.9 | 197.0 | 188.9 | 182.9 | 176.8 | 171.6 | 168.8 | 165.5 | 163.9 | 162.6 |
| 55°    | 200.7 | 188.3 | 178.9 | 171.1 | 164.7 | 159.2 | 154.2 | 151.5 | 149.4 | 147.7 | 147.2 |
| 57.5°  | 179.3 | 169.5 | 160.8 | 153.6 | 147.0 | 141.8 | 137.4 | 134.8 | 133.0 | 132.7 | 131.3 |
| 60°    | 165.2 | 156.3 | 148.5 | 140.7 | 135.1 | 130.2 | 126.4 | 123.4 | 121.6 | 121.4 | 120.9 |
| 62.5°  | 151.2 | 142.7 | 135.3 | 128.6 | 123.5 | 118.9 | 115.2 | 111.9 | 110.8 | 109.6 | 108.6 |
| 65°    | 130.5 | 122.7 | 116.6 | 111.3 | 105.9 | 102.0 | 98.5  | 96.3  | 93.8  | 92.4  | 89.9  |
| 67.5°  | 110.1 | 104.1 | 98.3  | 93.7  | 89.5  | 85.7  | 82.8  | 79.7  | 78.0  | 76.9  | 75.0  |
| 70°    | 96.6  | 91.9  | 86.1  | 81.2  | 78.0  | 74.9  | 72.6  | 69.1  | 67.9  | 67.0  | 66.0  |
| 72.5°  | 83.9  | 79.8  | 74.9  | 70.9  | 67.7  | 64.8  | 62.1  | 60.5  | 59.3  | 58.4  | 57.9  |
| 75°    | 66.0  | 62.1  | 57.9  | 55.0  | 52.7  | 50.4  | 49.0  | 47.9  | 47.4  | 47.2  | 46.3  |
| 77.5°  | 48.5  | 46.4  | 43.0  | 40.8  | 39.3  | 38.3  | 37.1  | 36.5  | 36.4  | 35.3  | 35.0  |
| 80°    | 37.1  | 36.0  | 33.1  | 32.2  | 31.0  | 30.1  | 29.4  | 28.3  | 27.1  | 26.6  | 25.9  |
| 82.5°  | 27.6  | 26.5  | 25.2  | 23.8  | 22.8  | 22.2  | 21.6  | 21.1  | 21.3  | 20.6  | 20.3  |
| 85°    | 14.7  | 13.5  | 13.0  | 12.8  | 12.3  | 12.8  | 12.6  | 12.3  | 12.1  | 11.9  | 12.1  |
| 87.5°  | 7.2   | 7.7   | 8.0   | 8.8   | 8.7   | 9.4   | 9.7   | 9.8   | 10.2  | 10.5  | 10.6  |
| 90°    | 12.3  | 14.8  | 17.3  | 19.6  | 22.0  | 24.3  | 26.1  | 27.8  | 29.5  | 31.1  | 32.5  |
| 92.5°  | 44.4  | 46.9  | 49.8  | 52.6  | 55.5  | 58.5  | 60.7  | 62.9  | 65.1  | 67.5  | 68.9  |
| 95°    | 101.7 | 103.7 | 107.1 | 110.5 | 113.9 | 117.2 | 119.7 | 122.0 | 124.4 | 126.7 | 128.3 |
| 97.5°  | 165.6 | 168.0 | 172.7 | 177.4 | 182.1 | 186.7 | 188.9 | 191.2 | 193.4 | 195.6 | 197.0 |
| 100°   | 213.2 | 215.4 | 219.8 | 224.2 | 228.6 | 233.0 | 236.1 | 239.1 | 242.2 | 245.2 | 247.1 |
| 102.5° | 271.0 | 272.9 | 275.1 | 277.3 | 279.5 | 281.8 | 285.1 | 288.4 | 291.8 | 295.0 | 297.2 |
| 105°   | 354.1 | 355.9 | 357.9 | 359.9 | 361.9 | 364.1 | 366.1 | 368.1 | 370.1 | 372.1 | 373.7 |
| 107.5° | 444.1 | 445.9 | 447.4 | 448.9 | 450.5 | 452.0 | 453.0 | 454.0 | 455.0 | 456.1 | 456.6 |
| 110°   | 506.3 | 507.7 | 508.7 | 509.7 | 510.7 | 511.7 | 512.7 | 513.8 | 514.8 | 515.8 | 516.1 |



TEST NUMBER: P333657-840

CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 566.4  | 567.5  | 568.8  | 570.1  | 571.4  | 572.7  | 573.1  | 573.6  | 574.1  | 574.5  | 574.5  |
| 115°   | 661.9  | 662.9  | 663.6  | 664.2  | 664.9  | 665.6  | 665.2  | 664.9  | 664.6  | 664.2  | 663.9  |
| 117.5° | 752.7  | 753.3  | 753.9  | 754.5  | 755.1  | 755.8  | 756.0  | 756.3  | 756.6  | 756.8  | 756.3  |
| 120°   | 815.5  | 816.5  | 816.9  | 817.2  | 817.5  | 817.9  | 817.9  | 817.9  | 817.9  | 817.9  | 817.2  |
| 122.5° | 874.5  | 875.3  | 876.2  | 877.1  | 877.9  | 878.8  | 878.5  | 878.3  | 878.0  | 877.7  | 877.1  |
| 125°   | 966.1  | 967.3  | 967.7  | 968.0  | 968.4  | 968.7  | 968.0  | 967.3  | 966.6  | 965.9  | 965.4  |
| 127.5° | 1054.0 | 1054.8 | 1055.2 | 1055.6 | 1056.0 | 1056.4 | 1056.0 | 1055.7 | 1055.4 | 1055.0 | 1054.5 |
| 130°   | 1111.0 | 1112.2 | 1112.9 | 1113.5 | 1114.2 | 1114.9 | 1114.5 | 1114.2 | 1113.9 | 1113.5 | 1113.0 |
| 132.5° | 1170.1 | 1171.4 | 1171.3 | 1171.1 | 1171.0 | 1170.9 | 1170.5 | 1170.2 | 1169.9 | 1169.5 | 1168.9 |
| 135°   | 1253.9 | 1255.2 | 1255.5 | 1255.9 | 1256.2 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1255.9 |
| 137.5° | 1335.3 | 1336.7 | 1337.5 | 1338.2 | 1338.9 | 1339.7 | 1340.1 | 1340.5 | 1340.9 | 1341.3 | 1340.7 |
| 140°   | 1386.6 | 1388.0 | 1389.0 | 1390.1 | 1391.1 | 1392.1 | 1392.7 | 1393.4 | 1394.1 | 1394.7 | 1394.2 |
| 142.5° | 1437.9 | 1439.3 | 1440.6 | 1441.9 | 1443.2 | 1444.4 | 1444.8 | 1445.2 | 1445.6 | 1446.1 | 1445.4 |
| 145°   | 1514.8 | 1515.9 | 1516.9 | 1517.9 | 1518.9 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1519.4 |
| 147.5° | 1583.6 | 1584.4 | 1585.2 | 1586.0 | 1586.8 | 1587.6 | 1588.4 | 1589.2 | 1590.0 | 1590.8 | 1590.1 |
| 150°   | 1626.8 | 1627.3 | 1628.6 | 1630.0 | 1631.3 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1632.3 |
| 152.5° | 1669.0 | 1669.5 | 1670.1 | 1670.6 | 1671.1 | 1671.7 | 1672.5 | 1673.3 | 1674.2 | 1675.0 | 1674.8 |
| 155°   | 1727.2 | 1727.3 | 1727.7 | 1728.0 | 1728.3 | 1728.7 | 1730.0 | 1731.3 | 1732.7 | 1734.0 | 1733.9 |
| 157.5° | 1777.8 | 1777.6 | 1777.9 | 1778.3 | 1778.6 | 1778.9 | 1780.3 | 1781.6 | 1783.0 | 1784.3 | 1783.9 |
| 160°   | 1808.4 | 1808.1 | 1808.4 | 1808.7 | 1809.1 | 1809.4 | 1810.7 | 1812.1 | 1813.4 | 1814.8 | 1814.6 |
| 162.5° | 1837.4 | 1837.1 | 1837.1 | 1837.2 | 1837.3 | 1837.3 | 1839.1 | 1840.7 | 1842.3 | 1843.9 | 1843.7 |
| 165°   | 1875.2 | 1875.0 | 1875.4 | 1875.7 | 1876.0 | 1876.4 | 1877.7 | 1879.1 | 1880.5 | 1881.8 | 1881.5 |
| 167.5° | 1904.2 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1905.5 | 1907.5 | 1909.6 | 1911.6 | 1911.6 |
| 170°   | 1921.3 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1922.6 | 1924.6 | 1926.6 | 1928.6 | 1928.5 |
| 172.5° | 1933.4 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1934.8 | 1936.8 | 1938.8 | 1940.9 | 1940.9 |
| 175°   | 1947.1 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1948.4 | 1950.6 | 1952.6 | 1954.6 | 1954.4 |
| 177.5° | 1955.2 | 1954.5 | 1954.3 | 1954.0 | 1953.7 | 1953.5 | 1955.1 | 1956.7 | 1958.3 | 1959.9 | 1959.8 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333657-840

CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 544.5 | 542.5 | 541.9 | 542.7 | 541.9 | 542.5 | 544.5 | 544.7 | 544.9 | 546.4 | 544.3 |
| 5°     | 502.4 | 500.1 | 501.2 | 500.8 | 501.2 | 500.1 | 502.4 | 504.7 | 505.2 | 507.3 | 508.7 |
| 7.5°   | 465.3 | 462.4 | 459.4 | 460.3 | 459.4 | 462.4 | 465.3 | 465.3 | 469.0 | 471.7 | 473.5 |
| 10°    | 439.4 | 437.1 | 435.7 | 436.9 | 435.7 | 437.1 | 439.4 | 442.4 | 443.8 | 447.1 | 450.6 |
| 12.5°  | 417.6 | 416.2 | 415.0 | 414.4 | 415.0 | 416.2 | 417.6 | 420.8 | 424.0 | 427.9 | 431.7 |
| 15°    | 387.8 | 385.1 | 383.8 | 380.8 | 383.8 | 385.1 | 387.8 | 390.6 | 396.9 | 398.6 | 404.3 |
| 17.5°  | 360.4 | 359.5 | 356.5 | 355.2 | 356.5 | 359.5 | 360.4 | 362.8 | 365.7 | 371.7 | 376.1 |
| 20°    | 344.2 | 343.3 | 340.2 | 342.0 | 340.2 | 343.3 | 344.2 | 347.7 | 350.0 | 355.0 | 359.1 |
| 22.5°  | 330.7 | 328.7 | 327.7 | 327.2 | 327.7 | 328.7 | 330.7 | 332.3 | 335.5 | 340.0 | 344.8 |
| 25°    | 311.7 | 308.7 | 307.5 | 306.2 | 307.5 | 308.7 | 311.7 | 312.7 | 316.0 | 320.4 | 323.0 |
| 27.5°  | 292.8 | 291.1 | 289.6 | 289.2 | 289.6 | 291.1 | 292.8 | 294.1 | 297.0 | 300.8 | 305.5 |
| 30°    | 280.4 | 278.8 | 277.7 | 277.7 | 277.7 | 278.8 | 280.4 | 283.3 | 285.4 | 288.9 | 292.4 |
| 32.5°  | 269.4 | 268.2 | 267.0 | 266.8 | 267.0 | 268.2 | 269.4 | 270.9 | 273.5 | 277.3 | 280.9 |
| 35°    | 253.4 | 251.6 | 251.1 | 249.6 | 251.1 | 251.6 | 253.4 | 254.6 | 257.1 | 259.9 | 263.0 |
| 37.5°  | 236.7 | 235.2 | 235.2 | 235.0 | 235.2 | 235.2 | 236.7 | 238.8 | 241.0 | 243.5 | 247.2 |
| 40°    | 226.1 | 224.9 | 224.7 | 223.1 | 224.7 | 224.9 | 226.1 | 227.0 | 229.3 | 232.7 | 235.4 |
| 42.5°  | 214.7 | 214.1 | 213.3 | 212.6 | 213.3 | 214.1 | 214.7 | 216.6 | 218.5 | 220.9 | 224.4 |
| 45°    | 199.2 | 197.6 | 197.6 | 196.5 | 197.6 | 197.6 | 199.2 | 200.9 | 201.9 | 204.6 | 209.3 |
| 47.5°  | 183.3 | 182.1 | 182.2 | 181.0 | 182.2 | 182.1 | 183.3 | 183.8 | 185.3 | 188.0 | 190.7 |
| 50°    | 172.7 | 172.0 | 171.8 | 171.3 | 171.8 | 172.0 | 172.7 | 172.5 | 174.3 | 176.8 | 180.4 |
| 52.5°  | 162.1 | 161.7 | 162.6 | 161.6 | 162.6 | 161.7 | 162.1 | 162.6 | 163.9 | 165.5 | 168.8 |
| 55°    | 147.7 | 147.0 | 148.5 | 147.0 | 148.5 | 147.0 | 147.7 | 147.2 | 147.7 | 149.4 | 151.5 |
| 57.5°  | 131.3 | 130.6 | 131.9 | 131.2 | 131.9 | 130.6 | 131.3 | 131.3 | 132.7 | 133.0 | 134.8 |
| 60°    | 120.4 | 119.0 | 119.7 | 120.0 | 119.7 | 119.0 | 120.4 | 120.9 | 121.4 | 121.6 | 123.4 |
| 62.5°  | 107.6 | 106.6 | 107.2 | 106.1 | 107.2 | 106.6 | 107.6 | 108.6 | 109.6 | 110.8 | 111.9 |
| 65°    | 89.4  | 88.7  | 87.8  | 87.3  | 87.8  | 88.7  | 89.4  | 89.9  | 92.4  | 93.8  | 96.3  |
| 67.5°  | 75.1  | 73.4  | 73.3  | 73.7  | 73.3  | 73.4  | 75.1  | 75.0  | 76.9  | 78.0  | 79.7  |
| 70°    | 64.6  | 64.6  | 64.4  | 64.4  | 64.4  | 64.6  | 64.6  | 66.0  | 67.0  | 67.9  | 69.1  |
| 72.5°  | 57.4  | 57.2  | 56.8  | 56.6  | 56.8  | 57.2  | 57.4  | 57.9  | 58.4  | 59.3  | 60.5  |
| 75°    | 46.3  | 46.5  | 45.9  | 45.7  | 45.9  | 46.5  | 46.3  | 46.3  | 47.2  | 47.4  | 47.9  |
| 77.5°  | 34.1  | 33.1  | 33.6  | 33.1  | 33.6  | 33.1  | 34.1  | 35.0  | 35.3  | 36.4  | 36.5  |
| 80°    | 25.9  | 25.7  | 26.4  | 25.7  | 26.4  | 25.7  | 25.9  | 25.9  | 26.6  | 27.1  | 28.3  |
| 82.5°  | 20.5  | 20.3  | 20.6  | 20.1  | 20.6  | 20.3  | 20.5  | 20.3  | 20.6  | 21.3  | 21.1  |
| 85°    | 12.3  | 12.1  | 11.9  | 12.1  | 11.9  | 12.1  | 12.3  | 12.1  | 11.9  | 12.1  | 12.3  |
| 87.5°  | 11.0  | 11.0  | 11.2  | 11.4  | 11.2  | 11.0  | 11.0  | 10.6  | 10.5  | 10.2  | 9.8   |
| 90°    | 33.5  | 34.5  | 35.5  | 36.6  | 35.5  | 34.5  | 33.5  | 32.5  | 31.1  | 29.5  | 27.8  |
| 92.5°  | 69.7  | 70.4  | 71.1  | 71.9  | 71.1  | 70.4  | 69.7  | 68.9  | 67.5  | 65.1  | 62.9  |
| 95°    | 129.0 | 129.7 | 130.3 | 131.0 | 130.3 | 129.7 | 129.0 | 128.3 | 126.7 | 124.4 | 122.0 |
| 97.5°  | 197.4 | 197.8 | 198.2 | 198.6 | 198.2 | 197.8 | 197.4 | 197.0 | 195.6 | 193.4 | 191.2 |
| 100°   | 247.7 | 248.4 | 249.1 | 249.7 | 249.1 | 248.4 | 247.7 | 247.1 | 245.2 | 242.2 | 239.1 |
| 102.5° | 298.1 | 299.0 | 300.0 | 300.9 | 300.0 | 299.0 | 298.1 | 297.2 | 295.0 | 291.8 | 288.4 |
| 105°   | 374.7 | 375.7 | 376.7 | 377.7 | 376.7 | 375.7 | 374.7 | 373.7 | 372.1 | 370.1 | 368.1 |
| 107.5° | 456.5 | 456.5 | 456.4 | 456.3 | 456.4 | 456.5 | 456.5 | 456.6 | 456.1 | 455.0 | 454.0 |
| 110°   | 515.8 | 515.4 | 515.1 | 514.8 | 515.1 | 515.4 | 515.8 | 516.1 | 515.8 | 514.8 | 513.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 573.9  | 573.3  | 572.7  | 572.1  | 572.7  | 573.3  | 573.9  | 574.5  | 574.5  | 574.1  | 573.6  |
| 115°   | 663.6  | 663.2  | 662.9  | 662.6  | 662.9  | 663.2  | 663.6  | 663.9  | 664.2  | 664.6  | 664.9  |
| 117.5° | 754.9  | 753.6  | 752.2  | 750.8  | 752.2  | 753.6  | 754.9  | 756.3  | 756.8  | 756.6  | 756.3  |
| 120°   | 815.9  | 814.5  | 813.1  | 811.8  | 813.1  | 814.5  | 815.9  | 817.2  | 817.9  | 817.9  | 817.9  |
| 122.5° | 876.0  | 874.8  | 873.7  | 872.7  | 873.7  | 874.8  | 876.0  | 877.1  | 877.7  | 878.0  | 878.3  |
| 125°   | 965.1  | 964.7  | 964.4  | 964.1  | 964.4  | 964.7  | 965.1  | 965.4  | 965.9  | 966.6  | 967.3  |
| 127.5° | 1053.8 | 1053.2 | 1052.5 | 1051.8 | 1052.5 | 1053.2 | 1053.8 | 1054.5 | 1055.0 | 1055.4 | 1055.7 |
| 130°   | 1112.4 | 1111.7 | 1111.0 | 1110.3 | 1111.0 | 1111.7 | 1112.4 | 1113.0 | 1113.5 | 1113.9 | 1114.2 |
| 132.5° | 1168.0 | 1167.0 | 1166.1 | 1165.1 | 1166.1 | 1167.0 | 1168.0 | 1168.9 | 1169.5 | 1169.9 | 1170.2 |
| 135°   | 1254.5 | 1253.1 | 1251.7 | 1250.4 | 1251.7 | 1253.1 | 1254.5 | 1255.9 | 1256.5 | 1256.5 | 1256.5 |
| 137.5° | 1339.0 | 1337.3 | 1335.5 | 1333.8 | 1335.5 | 1337.3 | 1339.0 | 1340.7 | 1341.3 | 1340.9 | 1340.5 |
| 140°   | 1392.6 | 1390.9 | 1389.2 | 1387.5 | 1389.2 | 1390.9 | 1392.6 | 1394.2 | 1394.7 | 1394.1 | 1393.4 |
| 142.5° | 1443.7 | 1442.1 | 1440.4 | 1438.7 | 1440.4 | 1442.1 | 1443.7 | 1445.4 | 1446.1 | 1445.6 | 1445.2 |
| 145°   | 1518.4 | 1517.4 | 1516.4 | 1515.4 | 1516.4 | 1517.4 | 1518.4 | 1519.4 | 1519.9 | 1519.9 | 1519.9 |
| 147.5° | 1587.8 | 1585.5 | 1583.3 | 1580.9 | 1583.3 | 1585.5 | 1587.8 | 1590.1 | 1590.8 | 1590.0 | 1589.2 |
| 150°   | 1631.6 | 1631.0 | 1630.3 | 1629.6 | 1630.3 | 1631.0 | 1631.6 | 1632.3 | 1632.7 | 1632.7 | 1632.7 |
| 152.5° | 1673.5 | 1672.3 | 1671.1 | 1669.9 | 1671.1 | 1672.3 | 1673.5 | 1674.8 | 1675.0 | 1674.2 | 1673.3 |
| 155°   | 1732.2 | 1730.5 | 1728.8 | 1727.2 | 1728.8 | 1730.5 | 1732.2 | 1733.9 | 1734.0 | 1732.7 | 1731.3 |
| 157.5° | 1781.6 | 1779.4 | 1777.2 | 1774.9 | 1777.2 | 1779.4 | 1781.6 | 1783.9 | 1784.3 | 1783.0 | 1781.6 |
| 160°   | 1812.9 | 1811.2 | 1809.6 | 1807.9 | 1809.6 | 1811.2 | 1812.9 | 1814.6 | 1814.8 | 1813.4 | 1812.1 |
| 162.5° | 1841.8 | 1839.8 | 1837.9 | 1835.8 | 1837.9 | 1839.8 | 1841.8 | 1843.7 | 1843.9 | 1842.3 | 1840.7 |
| 165°   | 1879.5 | 1877.4 | 1875.4 | 1873.3 | 1875.4 | 1877.4 | 1879.5 | 1881.5 | 1881.8 | 1880.5 | 1879.1 |
| 167.5° | 1909.5 | 1907.4 | 1905.3 | 1903.2 | 1905.3 | 1907.4 | 1909.5 | 1911.6 | 1911.6 | 1909.6 | 1907.5 |
| 170°   | 1926.1 | 1923.8 | 1921.4 | 1919.0 | 1921.4 | 1923.8 | 1926.1 | 1928.5 | 1928.6 | 1926.6 | 1924.6 |
| 172.5° | 1938.7 | 1936.6 | 1934.5 | 1932.5 | 1934.5 | 1936.6 | 1938.7 | 1940.9 | 1940.9 | 1938.8 | 1936.8 |
| 175°   | 1952.1 | 1949.6 | 1947.3 | 1944.9 | 1947.3 | 1949.6 | 1952.1 | 1954.4 | 1954.6 | 1952.6 | 1950.6 |
| 177.5° | 1957.9 | 1956.0 | 1954.1 | 1952.3 | 1954.1 | 1956.0 | 1957.9 | 1959.8 | 1959.9 | 1958.3 | 1956.7 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 544.9 | 546.9 | 548.1 | 550.7 | 554.4 | 556.3 | 558.9 | 560.8 | 563.4 | 566.5 | 569.2 |
| 5°     | 509.6 | 515.2 | 519.0 | 524.8 | 530.2 | 535.5 | 542.3 | 547.1 | 553.7 | 561.2 | 567.0 |
| 7.5°   | 476.9 | 483.8 | 490.1 | 497.8 | 506.6 | 513.5 | 522.4 | 531.4 | 541.6 | 552.2 | 562.2 |
| 10°    | 456.0 | 462.9 | 470.7 | 480.2 | 489.1 | 498.5 | 509.0 | 519.5 | 532.3 | 544.1 | 557.6 |
| 12.5°  | 435.3 | 443.0 | 451.6 | 462.3 | 473.0 | 484.9 | 495.6 | 507.5 | 521.3 | 536.7 | 551.2 |
| 15°    | 409.5 | 417.0 | 426.4 | 435.5 | 447.8 | 460.9 | 475.0 | 490.7 | 506.1 | 523.4 | 541.4 |
| 17.5°  | 381.9 | 390.1 | 400.4 | 411.0 | 423.9 | 439.3 | 453.2 | 470.4 | 487.7 | 507.8 | 529.0 |
| 20°    | 364.1 | 372.4 | 384.6 | 396.2 | 408.1 | 423.0 | 439.6 | 457.2 | 475.5 | 496.8 | 520.4 |
| 22.5°  | 349.8 | 355.8 | 367.8 | 379.6 | 393.5 | 408.9 | 425.1 | 443.3 | 463.4 | 485.4 | 510.1 |
| 25°    | 328.8 | 335.8 | 344.5 | 356.8 | 371.2 | 387.4 | 403.6 | 423.0 | 444.9 | 467.4 | 493.7 |
| 27.5°  | 310.0 | 315.8 | 324.4 | 334.1 | 348.5 | 365.2 | 382.5 | 402.7 | 425.3 | 448.1 | 475.7 |
| 30°    | 296.8 | 303.2 | 311.2 | 321.5 | 333.0 | 351.2 | 368.9 | 388.8 | 411.6 | 435.2 | 463.6 |
| 32.5°  | 285.3 | 291.8 | 298.8 | 308.5 | 320.8 | 337.0 | 355.3 | 374.8 | 398.0 | 422.3 | 450.0 |
| 35°    | 269.0 | 273.5 | 280.0 | 289.6 | 301.7 | 314.8 | 333.5 | 354.0 | 376.6 | 401.8 | 429.6 |
| 37.5°  | 250.4 | 256.2 | 262.7 | 271.0 | 281.7 | 295.8 | 313.2 | 334.0 | 355.0 | 379.0 | 404.3 |
| 40°    | 239.6 | 245.0 | 252.3 | 258.3 | 269.5 | 282.4 | 298.2 | 319.9 | 340.9 | 363.6 | 386.7 |
| 42.5°  | 228.6 | 233.8 | 239.9 | 247.5 | 257.5 | 270.0 | 284.8 | 305.0 | 327.5 | 348.8 | 368.2 |
| 45°    | 211.4 | 216.8 | 222.6 | 229.6 | 238.9 | 251.1 | 265.8 | 284.2 | 303.8 | 323.5 | 338.1 |
| 47.5°  | 194.9 | 200.0 | 205.5 | 212.7 | 221.3 | 233.0 | 246.1 | 262.5 | 281.4 | 298.1 | 308.6 |
| 50°    | 183.2 | 187.8 | 193.9 | 200.9 | 209.3 | 220.3 | 232.9 | 248.9 | 264.9 | 280.0 | 289.6 |
| 52.5°  | 171.6 | 176.8 | 182.9 | 188.9 | 197.0 | 207.9 | 219.6 | 233.5 | 248.6 | 260.9 | 268.8 |
| 55°    | 154.2 | 159.2 | 164.7 | 171.1 | 178.9 | 188.3 | 200.7 | 211.7 | 223.6 | 234.1 | 238.7 |
| 57.5°  | 137.4 | 141.8 | 147.0 | 153.6 | 160.8 | 169.5 | 179.3 | 189.8 | 198.1 | 205.6 | 210.9 |
| 60°    | 126.4 | 130.2 | 135.1 | 140.7 | 148.5 | 156.3 | 165.2 | 175.0 | 181.6 | 187.8 | 192.8 |
| 62.5°  | 115.2 | 118.9 | 123.5 | 128.6 | 135.3 | 142.7 | 151.2 | 159.2 | 165.5 | 169.8 | 175.4 |
| 65°    | 98.5  | 102.0 | 105.9 | 111.3 | 116.6 | 122.7 | 130.5 | 136.2 | 140.7 | 145.4 | 148.9 |
| 67.5°  | 82.8  | 85.7  | 89.5  | 93.7  | 98.3  | 104.1 | 110.1 | 114.9 | 118.0 | 120.8 | 124.9 |
| 70°    | 72.6  | 74.9  | 78.0  | 81.2  | 86.1  | 91.9  | 96.6  | 100.4 | 102.4 | 105.2 | 110.4 |
| 72.5°  | 62.1  | 64.8  | 67.7  | 70.9  | 74.9  | 79.8  | 83.9  | 87.7  | 89.0  | 91.2  | 94.5  |
| 75°    | 49.0  | 50.4  | 52.7  | 55.0  | 57.9  | 62.1  | 66.0  | 67.0  | 68.2  | 70.0  | 72.3  |
| 77.5°  | 37.1  | 38.3  | 39.3  | 40.8  | 43.0  | 46.4  | 48.5  | 49.9  | 50.2  | 50.9  | 53.1  |
| 80°    | 29.4  | 30.1  | 31.0  | 32.2  | 33.1  | 36.0  | 37.1  | 38.5  | 39.0  | 39.7  | 40.8  |
| 82.5°  | 21.6  | 22.2  | 22.8  | 23.8  | 25.2  | 26.5  | 27.6  | 29.0  | 29.1  | 29.6  | 29.8  |
| 85°    | 12.6  | 12.8  | 12.3  | 12.8  | 13.0  | 13.5  | 14.7  | 15.9  | 15.7  | 15.5  | 16.1  |
| 87.5°  | 9.7   | 9.4   | 8.7   | 8.8   | 8.0   | 7.7   | 7.2   | 6.8   | 6.6   | 6.5   | 6.3   |
| 90°    | 26.1  | 24.3  | 22.0  | 19.6  | 17.3  | 14.8  | 12.3  | 9.7   | 7.0   | 4.2   | 1.5   |
| 92.5°  | 60.7  | 58.5  | 55.5  | 52.6  | 49.8  | 46.9  | 44.4  | 42.5  | 40.7  | 38.8  | 36.9  |
| 95°    | 119.7 | 117.2 | 113.9 | 110.5 | 107.1 | 103.7 | 101.7 | 101.0 | 100.4 | 99.7  | 99.0  |
| 97.5°  | 188.9 | 186.7 | 182.1 | 177.4 | 172.7 | 168.0 | 165.6 | 165.3 | 165.0 | 164.7 | 164.5 |
| 100°   | 236.1 | 233.0 | 228.6 | 224.2 | 219.8 | 215.4 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 |
| 102.5° | 285.1 | 281.8 | 279.5 | 277.3 | 275.1 | 272.9 | 271.0 | 269.6 | 268.3 | 267.0 | 265.6 |
| 105°   | 366.1 | 364.1 | 361.9 | 359.9 | 357.9 | 355.9 | 354.1 | 352.3 | 350.6 | 348.9 | 347.3 |
| 107.5° | 453.0 | 452.0 | 450.5 | 448.9 | 447.4 | 445.9 | 444.1 | 442.5 | 440.8 | 439.1 | 437.4 |
| 110°   | 512.7 | 511.7 | 510.7 | 509.7 | 508.7 | 507.7 | 506.3 | 504.6 | 502.9 | 501.3 | 499.6 |



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CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 573.1  | 572.7  | 571.4  | 570.1  | 568.8  | 567.5  | 566.4  | 565.5  | 564.7  | 563.8  | 562.9  |
| 115°   | 665.2  | 665.6  | 664.9  | 664.2  | 663.6  | 662.9  | 661.9  | 660.5  | 659.1  | 657.8  | 656.4  |
| 117.5° | 756.0  | 755.8  | 755.1  | 754.5  | 753.9  | 753.3  | 752.7  | 752.0  | 751.4  | 750.8  | 750.2  |
| 120°   | 817.9  | 817.9  | 817.5  | 817.2  | 816.9  | 816.5  | 815.5  | 813.9  | 812.1  | 810.4  | 808.7  |
| 122.5° | 878.5  | 878.8  | 877.9  | 877.1  | 876.2  | 875.3  | 874.5  | 873.9  | 873.3  | 872.7  | 872.1  |
| 125°   | 968.0  | 968.7  | 968.4  | 968.0  | 967.7  | 967.3  | 966.1  | 964.1  | 962.1  | 960.0  | 958.0  |
| 127.5° | 1056.0 | 1056.4 | 1056.0 | 1055.6 | 1055.2 | 1054.8 | 1054.0 | 1052.8 | 1051.7 | 1050.6 | 1049.4 |
| 130°   | 1114.5 | 1114.9 | 1114.2 | 1113.5 | 1112.9 | 1112.2 | 1111.0 | 1109.2 | 1107.6 | 1105.9 | 1104.2 |
| 132.5° | 1170.5 | 1170.9 | 1171.0 | 1171.1 | 1171.3 | 1171.4 | 1170.1 | 1167.4 | 1164.6 | 1161.8 | 1159.0 |
| 135°   | 1256.5 | 1256.5 | 1256.2 | 1255.9 | 1255.5 | 1255.2 | 1253.9 | 1251.9 | 1249.9 | 1247.9 | 1245.9 |
| 137.5° | 1340.1 | 1339.7 | 1338.9 | 1338.2 | 1337.5 | 1336.7 | 1335.3 | 1333.3 | 1331.4 | 1329.5 | 1327.5 |
| 140°   | 1392.7 | 1392.1 | 1391.1 | 1390.1 | 1389.0 | 1388.0 | 1386.6 | 1384.9 | 1383.2 | 1381.6 | 1379.9 |
| 142.5° | 1444.8 | 1444.4 | 1443.2 | 1441.9 | 1440.6 | 1439.3 | 1437.9 | 1436.5 | 1435.1 | 1433.7 | 1432.3 |
| 145°   | 1519.9 | 1519.9 | 1518.9 | 1517.9 | 1516.9 | 1515.9 | 1514.8 | 1513.4 | 1512.1 | 1510.7 | 1509.3 |
| 147.5° | 1588.4 | 1587.6 | 1586.8 | 1586.0 | 1585.2 | 1584.4 | 1583.6 | 1582.9 | 1582.1 | 1581.3 | 1580.6 |
| 150°   | 1632.7 | 1632.7 | 1631.3 | 1630.0 | 1628.6 | 1627.3 | 1626.8 | 1627.1 | 1627.5 | 1627.8 | 1628.1 |
| 152.5° | 1672.5 | 1671.7 | 1671.1 | 1670.6 | 1670.1 | 1669.5 | 1669.0 | 1668.5 | 1668.1 | 1667.6 | 1667.1 |
| 155°   | 1730.0 | 1728.7 | 1728.3 | 1728.0 | 1727.7 | 1727.3 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 |
| 157.5° | 1780.3 | 1778.9 | 1778.6 | 1778.3 | 1777.9 | 1777.6 | 1777.8 | 1778.5 | 1779.3 | 1780.0 | 1780.7 |
| 160°   | 1810.7 | 1809.4 | 1809.1 | 1808.7 | 1808.4 | 1808.1 | 1808.4 | 1809.4 | 1810.4 | 1811.4 | 1812.4 |
| 162.5° | 1839.1 | 1837.3 | 1837.3 | 1837.2 | 1837.1 | 1837.1 | 1837.4 | 1838.3 | 1839.0 | 1839.7 | 1840.5 |
| 165°   | 1877.7 | 1876.4 | 1876.0 | 1875.7 | 1875.4 | 1875.0 | 1875.2 | 1875.9 | 1876.5 | 1877.2 | 1877.9 |
| 167.5° | 1905.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1904.2 | 1905.5 | 1906.9 | 1908.2 | 1909.6 |
| 170°   | 1922.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1921.3 | 1922.6 | 1923.9 | 1925.3 | 1926.6 |
| 172.5° | 1934.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1933.4 | 1934.8 | 1936.1 | 1937.5 | 1938.8 |
| 175°   | 1948.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1947.1 | 1948.4 | 1949.8 | 1951.2 | 1952.6 |
| 177.5° | 1955.1 | 1953.5 | 1953.7 | 1954.0 | 1954.3 | 1954.5 | 1955.2 | 1956.3 | 1957.4 | 1958.4 | 1959.5 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333657-840

CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 571.2 | 572.9 | 575.3 | 578.1 | 580.4 | 582.8 | 584.1 | 584.1 | 585.2 | 587.6 | 590.9 |
| 5°     | 572.9 | 579.0 | 584.7 | 592.2 | 598.0 | 604.8 | 610.0 | 614.9 | 619.2 | 624.9 | 630.8 |
| 7.5°   | 572.4 | 582.5 | 593.0 | 604.7 | 617.7 | 628.0 | 638.6 | 646.9 | 655.1 | 665.9 | 674.3 |
| 10°    | 570.6 | 583.6 | 597.8 | 612.8 | 629.1 | 643.3 | 656.2 | 667.8 | 679.0 | 690.7 | 701.3 |
| 12.5°  | 567.1 | 583.8 | 601.2 | 619.1 | 639.7 | 656.0 | 672.6 | 685.0 | 698.1 | 710.8 | 723.8 |
| 15°    | 562.1 | 581.7 | 602.7 | 627.7 | 652.9 | 671.1 | 687.4 | 703.6 | 715.7 | 730.1 | 742.6 |
| 17.5°  | 551.7 | 576.9 | 603.4 | 630.7 | 654.9 | 676.0 | 693.2 | 708.5 | 721.4 | 737.3 | 754.2 |
| 20°    | 545.5 | 572.9 | 600.4 | 629.5 | 652.7 | 674.4 | 690.9 | 706.8 | 722.9 | 743.7 | 764.2 |
| 22.5°  | 536.9 | 566.1 | 595.3 | 623.0 | 647.4 | 668.4 | 685.5 | 704.9 | 726.1 | 749.6 | 774.5 |
| 25°    | 523.4 | 553.5 | 582.4 | 608.7 | 632.6 | 654.1 | 677.4 | 703.6 | 729.2 | 760.2 | 796.0 |
| 27.5°  | 506.1 | 535.2 | 561.0 | 588.9 | 612.5 | 639.9 | 668.9 | 697.3 | 734.3 | 777.0 | 821.5 |
| 30°    | 493.3 | 520.8 | 545.3 | 571.7 | 598.5 | 628.6 | 661.3 | 694.7 | 738.8 | 788.9 | 841.9 |
| 32.5°  | 478.4 | 503.3 | 527.6 | 553.0 | 584.0 | 617.0 | 651.8 | 692.6 | 745.3 | 802.3 | 857.2 |
| 35°    | 452.4 | 474.8 | 498.5 | 526.6 | 559.6 | 595.5 | 639.9 | 689.5 | 753.3 | 814.6 | 863.8 |
| 37.5°  | 425.3 | 443.0 | 466.7 | 496.4 | 532.3 | 573.8 | 624.2 | 684.6 | 749.9 | 805.1 | 826.0 |
| 40°    | 404.3 | 420.9 | 446.0 | 477.2 | 512.7 | 558.2 | 614.6 | 676.7 | 742.6 | 780.7 | 779.1 |
| 42.5°  | 383.6 | 400.4 | 424.4 | 456.0 | 492.9 | 543.8 | 602.0 | 666.4 | 722.0 | 736.5 | 706.2 |
| 45°    | 351.8 | 367.5 | 391.1 | 422.8 | 462.5 | 515.9 | 577.0 | 638.9 | 674.4 | 650.8 | 590.6 |
| 47.5°  | 319.5 | 334.7 | 356.6 | 387.6 | 430.9 | 486.9 | 544.7 | 595.4 | 600.4 | 549.8 | 477.6 |
| 50°    | 298.2 | 312.5 | 333.3 | 366.4 | 408.4 | 462.9 | 518.8 | 558.7 | 546.2 | 484.4 | 410.0 |
| 52.5°  | 277.5 | 291.1 | 310.6 | 341.9 | 384.9 | 438.3 | 488.1 | 519.5 | 490.8 | 425.1 | 358.1 |
| 55°    | 246.9 | 259.9 | 279.5 | 308.2 | 347.2 | 396.2 | 439.9 | 451.3 | 409.3 | 343.1 | 288.9 |
| 57.5°  | 217.8 | 227.4 | 246.7 | 272.2 | 309.7 | 352.9 | 384.2 | 382.1 | 335.8 | 276.1 | 237.2 |
| 60°    | 198.5 | 207.2 | 225.6 | 248.9 | 284.7 | 323.5 | 345.4 | 336.0 | 289.1 | 239.8 | 202.6 |
| 62.5°  | 180.7 | 188.7 | 204.2 | 225.6 | 256.3 | 290.0 | 306.0 | 293.1 | 248.8 | 205.5 | 175.8 |
| 65°    | 153.5 | 159.4 | 171.8 | 191.6 | 215.6 | 238.9 | 253.2 | 234.3 | 195.1 | 162.4 | 140.0 |
| 67.5°  | 128.2 | 133.2 | 144.2 | 158.4 | 175.0 | 191.2 | 196.9 | 179.3 | 148.8 | 126.7 | 110.9 |
| 70°    | 111.8 | 116.4 | 123.9 | 137.2 | 148.1 | 159.6 | 162.4 | 146.5 | 121.1 | 104.3 | 94.5  |
| 72.5°  | 96.1  | 100.4 | 106.9 | 116.3 | 123.9 | 130.5 | 131.8 | 117.0 | 97.6  | 86.0  | 78.5  |
| 75°    | 73.3  | 77.1  | 81.2  | 84.7  | 89.6  | 90.8  | 90.3  | 78.9  | 68.4  | 60.7  | 56.5  |
| 77.5°  | 53.8  | 55.4  | 58.0  | 59.4  | 59.6  | 59.5  | 57.2  | 49.9  | 44.4  | 41.3  | 39.6  |
| 80°    | 41.5  | 42.7  | 43.4  | 43.8  | 44.1  | 41.8  | 39.2  | 34.7  | 32.9  | 31.0  | 29.0  |
| 82.5°  | 30.2  | 30.9  | 31.6  | 31.7  | 30.5  | 28.5  | 26.2  | 23.9  | 22.6  | 21.7  | 20.9  |
| 85°    | 16.4  | 16.6  | 16.4  | 15.1  | 13.5  | 12.8  | 12.3  | 11.9  | 11.7  | 11.4  | 11.4  |
| 87.5°  | 6.7   | 6.6   | 6.3   | 7.0   | 7.5   | 7.8   | 8.2   | 8.5   | 8.8   | 9.1   | 9.5   |
| 90°    | 4.2   | 7.0   | 9.7   | 12.3  | 14.8  | 17.3  | 19.6  | 22.0  | 24.3  | 26.1  | 27.8  |
| 92.5°  | 38.8  | 40.7  | 42.5  | 44.4  | 46.9  | 49.8  | 52.6  | 55.5  | 58.5  | 60.7  | 62.9  |
| 95°    | 99.7  | 100.4 | 101.0 | 101.7 | 103.7 | 107.1 | 110.5 | 113.9 | 117.2 | 119.7 | 122.0 |
| 97.5°  | 164.7 | 165.0 | 165.3 | 165.6 | 168.0 | 172.7 | 177.4 | 182.1 | 186.7 | 188.9 | 191.2 |
| 100°   | 213.2 | 213.2 | 213.2 | 213.2 | 215.4 | 219.8 | 224.2 | 228.6 | 233.0 | 236.1 | 239.1 |
| 102.5° | 267.0 | 268.3 | 269.6 | 271.0 | 272.9 | 275.1 | 277.3 | 279.5 | 281.8 | 285.1 | 288.4 |
| 105°   | 348.9 | 350.6 | 352.3 | 354.1 | 355.9 | 357.9 | 359.9 | 361.9 | 364.1 | 366.1 | 368.1 |
| 107.5° | 439.1 | 440.8 | 442.5 | 444.1 | 445.9 | 447.4 | 448.9 | 450.5 | 452.0 | 453.0 | 454.0 |
| 110°   | 501.3 | 502.9 | 504.6 | 506.3 | 507.7 | 508.7 | 509.7 | 510.7 | 511.7 | 512.7 | 513.8 |





TEST NUMBER: P333657-840

CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 563.8  | 564.7  | 565.5  | 566.4  | 567.5  | 568.8  | 570.1  | 571.4  | 572.7  | 573.1  | 573.6  |
| 115°   | 657.8  | 659.1  | 660.5  | 661.9  | 662.9  | 663.6  | 664.2  | 664.9  | 665.6  | 665.2  | 664.9  |
| 117.5° | 750.8  | 751.4  | 752.0  | 752.7  | 753.3  | 753.9  | 754.5  | 755.1  | 755.8  | 756.0  | 756.3  |
| 120°   | 810.4  | 812.1  | 813.9  | 815.5  | 816.5  | 816.9  | 817.2  | 817.5  | 817.9  | 817.9  | 817.9  |
| 122.5° | 872.7  | 873.3  | 873.9  | 874.5  | 875.3  | 876.2  | 877.1  | 877.9  | 878.8  | 878.5  | 878.3  |
| 125°   | 960.0  | 962.1  | 964.1  | 966.1  | 967.3  | 967.7  | 968.0  | 968.4  | 968.7  | 968.0  | 967.3  |
| 127.5° | 1050.6 | 1051.7 | 1052.8 | 1054.0 | 1054.8 | 1055.2 | 1055.6 | 1056.0 | 1056.4 | 1056.0 | 1055.7 |
| 130°   | 1105.9 | 1107.6 | 1109.2 | 1111.0 | 1112.2 | 1112.9 | 1113.5 | 1114.2 | 1114.9 | 1114.5 | 1114.2 |
| 132.5° | 1161.8 | 1164.6 | 1167.4 | 1170.1 | 1171.4 | 1171.3 | 1171.1 | 1171.0 | 1170.9 | 1170.5 | 1170.2 |
| 135°   | 1247.9 | 1249.9 | 1251.9 | 1253.9 | 1255.2 | 1255.5 | 1255.9 | 1256.2 | 1256.5 | 1256.5 | 1256.5 |
| 137.5° | 1329.5 | 1331.4 | 1333.3 | 1335.3 | 1336.7 | 1337.5 | 1338.2 | 1338.9 | 1339.7 | 1340.1 | 1340.5 |
| 140°   | 1381.6 | 1383.2 | 1384.9 | 1386.6 | 1388.0 | 1389.0 | 1390.1 | 1391.1 | 1392.1 | 1392.7 | 1393.4 |
| 142.5° | 1433.7 | 1435.1 | 1436.5 | 1437.9 | 1439.3 | 1440.6 | 1441.9 | 1443.2 | 1444.4 | 1444.8 | 1445.2 |
| 145°   | 1510.7 | 1512.1 | 1513.4 | 1514.8 | 1515.9 | 1516.9 | 1517.9 | 1518.9 | 1519.9 | 1519.9 | 1519.9 |
| 147.5° | 1581.3 | 1582.1 | 1582.9 | 1583.6 | 1584.4 | 1585.2 | 1586.0 | 1586.8 | 1587.6 | 1588.4 | 1589.2 |
| 150°   | 1627.8 | 1627.5 | 1627.1 | 1626.8 | 1627.3 | 1628.6 | 1630.0 | 1631.3 | 1632.7 | 1632.7 | 1632.7 |
| 152.5° | 1667.6 | 1668.1 | 1668.5 | 1669.0 | 1669.5 | 1670.1 | 1670.6 | 1671.1 | 1671.7 | 1672.5 | 1673.3 |
| 155°   | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.3 | 1727.7 | 1728.0 | 1728.3 | 1728.7 | 1730.0 | 1731.3 |
| 157.5° | 1780.0 | 1779.3 | 1778.5 | 1777.8 | 1777.6 | 1777.9 | 1778.3 | 1778.6 | 1778.9 | 1780.3 | 1781.6 |
| 160°   | 1811.4 | 1810.4 | 1809.4 | 1808.4 | 1808.1 | 1808.4 | 1808.7 | 1809.1 | 1809.4 | 1810.7 | 1812.1 |
| 162.5° | 1839.7 | 1839.0 | 1838.3 | 1837.4 | 1837.1 | 1837.1 | 1837.2 | 1837.3 | 1837.3 | 1839.1 | 1840.7 |
| 165°   | 1877.2 | 1876.5 | 1875.9 | 1875.2 | 1875.0 | 1875.4 | 1875.7 | 1876.0 | 1876.4 | 1877.7 | 1879.1 |
| 167.5° | 1908.2 | 1906.9 | 1905.5 | 1904.2 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1905.5 | 1907.5 |
| 170°   | 1925.3 | 1923.9 | 1922.6 | 1921.3 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1922.6 | 1924.6 |
| 172.5° | 1937.5 | 1936.1 | 1934.8 | 1933.4 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1934.8 | 1936.8 |
| 175°   | 1951.2 | 1949.8 | 1948.4 | 1947.1 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1948.4 | 1950.6 |
| 177.5° | 1958.4 | 1957.4 | 1956.3 | 1955.2 | 1954.5 | 1954.3 | 1954.0 | 1953.7 | 1953.5 | 1955.1 | 1956.7 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



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CATALOG NUMBER: S125RDIW-S375D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 | 568.5 |
| 2.5°   | 593.3 | 593.3 | 596.4 | 596.2 | 598.3 | 597.5 | 597.9 |
| 5°     | 637.7 | 641.7 | 645.2 | 647.5 | 651.1 | 652.0 | 651.5 |
| 7.5°   | 683.9 | 692.7 | 696.9 | 702.9 | 703.9 | 707.0 | 706.7 |
| 10°    | 712.4 | 721.0 | 727.6 | 732.7 | 735.3 | 738.5 | 738.8 |
| 12.5°  | 734.8 | 742.1 | 747.9 | 752.7 | 755.8 | 756.8 | 757.4 |
| 15°    | 752.3 | 760.4 | 767.2 | 774.0 | 778.0 | 781.0 | 782.6 |
| 17.5°  | 769.9 | 782.5 | 794.5 | 803.7 | 809.2 | 813.9 | 813.9 |
| 20°    | 783.6 | 798.0 | 812.9 | 823.4 | 834.2 | 838.9 | 839.6 |
| 22.5°  | 798.1 | 820.2 | 839.5 | 855.8 | 869.9 | 874.7 | 876.6 |
| 25°    | 828.4 | 857.3 | 887.0 | 909.8 | 926.1 | 935.7 | 937.2 |
| 27.5°  | 864.9 | 904.0 | 935.2 | 956.3 | 969.9 | 977.0 | 978.6 |
| 30°    | 890.7 | 926.9 | 954.8 | 970.7 | 977.0 | 978.0 | 974.4 |
| 32.5°  | 902.2 | 929.3 | 940.5 | 939.6 | 927.2 | 919.0 | 915.8 |
| 35°    | 888.1 | 882.5 | 855.3 | 822.5 | 797.6 | 781.7 | 777.5 |
| 37.5°  | 808.2 | 759.9 | 709.7 | 660.4 | 634.1 | 620.7 | 597.7 |
| 40°    | 729.4 | 660.6 | 608.3 | 566.8 | 537.1 | 513.3 | 507.8 |
| 42.5°  | 640.6 | 569.5 | 517.3 | 481.7 | 458.0 | 441.7 | 434.5 |
| 45°    | 514.7 | 453.6 | 410.4 | 383.1 | 365.0 | 353.0 | 347.7 |
| 47.5°  | 411.7 | 364.4 | 333.0 | 312.8 | 298.8 | 288.5 | 285.6 |
| 50°    | 355.2 | 317.3 | 290.7 | 273.7 | 263.2 | 255.3 | 252.1 |
| 52.5°  | 308.5 | 277.9 | 257.5 | 243.5 | 233.6 | 228.6 | 225.9 |
| 55°    | 254.6 | 228.2 | 213.5 | 202.3 | 196.7 | 192.8 | 190.9 |
| 57.5°  | 208.2 | 189.1 | 178.4 | 170.7 | 165.5 | 163.0 | 162.1 |
| 60°    | 182.3 | 167.3 | 157.5 | 151.5 | 147.9 | 144.7 | 143.7 |
| 62.5°  | 159.3 | 147.5 | 140.0 | 134.6 | 131.2 | 129.8 | 129.2 |
| 65°    | 128.4 | 120.7 | 115.0 | 111.8 | 109.0 | 108.5 | 108.3 |
| 67.5°  | 102.0 | 97.5  | 94.5  | 91.2  | 90.2  | 88.6  | 88.2  |
| 70°    | 87.3  | 84.2  | 80.7  | 79.6  | 78.4  | 76.7  | 77.1  |
| 72.5°  | 74.0  | 71.0  | 68.6  | 67.1  | 66.7  | 65.9  | 66.6  |
| 75°    | 54.1  | 53.2  | 52.3  | 51.1  | 50.6  | 50.6  | 50.4  |
| 77.5°  | 38.7  | 37.9  | 36.9  | 36.2  | 36.0  | 35.0  | 35.3  |
| 80°    | 28.0  | 26.9  | 26.4  | 26.6  | 25.9  | 25.7  | 25.7  |
| 82.5°  | 20.7  | 20.3  | 19.8  | 19.9  | 19.7  | 19.5  | 19.7  |
| 85°    | 11.4  | 11.2  | 11.2  | 11.0  | 11.0  | 10.7  | 10.7  |
| 87.5°  | 10.0  | 10.5  | 10.4  | 10.4  | 10.6  | 11.0  | 11.4  |
| 90°    | 29.5  | 31.1  | 32.5  | 33.5  | 34.5  | 35.5  | 36.6  |
| 92.5°  | 65.1  | 67.5  | 68.9  | 69.7  | 70.4  | 71.1  | 71.9  |
| 95°    | 124.4 | 126.7 | 128.3 | 129.0 | 129.7 | 130.3 | 131.0 |
| 97.5°  | 193.4 | 195.6 | 197.0 | 197.4 | 197.8 | 198.2 | 198.6 |
| 100°   | 242.2 | 245.2 | 247.1 | 247.7 | 248.4 | 249.1 | 249.7 |
| 102.5° | 291.8 | 295.0 | 297.2 | 298.1 | 299.0 | 300.0 | 300.9 |
| 105°   | 370.1 | 372.1 | 373.7 | 374.7 | 375.7 | 376.7 | 377.7 |
| 107.5° | 455.0 | 456.1 | 456.6 | 456.5 | 456.5 | 456.4 | 456.3 |
| 110°   | 514.8 | 515.8 | 516.1 | 515.8 | 515.4 | 515.1 | 514.8 |



TEST NUMBER: P333657-840

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 574.1  | 574.5  | 574.5  | 573.9  | 573.3  | 572.7  | 572.1  |
| 115°   | 664.6  | 664.2  | 663.9  | 663.6  | 663.2  | 662.9  | 662.6  |
| 117.5° | 756.6  | 756.8  | 756.3  | 754.9  | 753.6  | 752.2  | 750.8  |
| 120°   | 817.9  | 817.9  | 817.2  | 815.9  | 814.5  | 813.1  | 811.8  |
| 122.5° | 878.0  | 877.7  | 877.1  | 876.0  | 874.8  | 873.7  | 872.7  |
| 125°   | 966.6  | 965.9  | 965.4  | 965.1  | 964.7  | 964.4  | 964.1  |
| 127.5° | 1055.4 | 1055.0 | 1054.5 | 1053.8 | 1053.2 | 1052.5 | 1051.8 |
| 130°   | 1113.9 | 1113.5 | 1113.0 | 1112.4 | 1111.7 | 1111.0 | 1110.3 |
| 132.5° | 1169.9 | 1169.5 | 1168.9 | 1168.0 | 1167.0 | 1166.1 | 1165.1 |
| 135°   | 1256.5 | 1256.5 | 1255.9 | 1254.5 | 1253.1 | 1251.7 | 1250.4 |
| 137.5° | 1340.9 | 1341.3 | 1340.7 | 1339.0 | 1337.3 | 1335.5 | 1333.8 |
| 140°   | 1394.1 | 1394.7 | 1394.2 | 1392.6 | 1390.9 | 1389.2 | 1387.5 |
| 142.5° | 1445.6 | 1446.1 | 1445.4 | 1443.7 | 1442.1 | 1440.4 | 1438.7 |
| 145°   | 1519.9 | 1519.9 | 1519.4 | 1518.4 | 1517.4 | 1516.4 | 1515.4 |
| 147.5° | 1590.0 | 1590.8 | 1590.1 | 1587.8 | 1585.5 | 1583.3 | 1580.9 |
| 150°   | 1632.7 | 1632.7 | 1632.3 | 1631.6 | 1631.0 | 1630.3 | 1629.6 |
| 152.5° | 1674.2 | 1675.0 | 1674.8 | 1673.5 | 1672.3 | 1671.1 | 1669.9 |
| 155°   | 1732.7 | 1734.0 | 1733.9 | 1732.2 | 1730.5 | 1728.8 | 1727.2 |
| 157.5° | 1783.0 | 1784.3 | 1783.9 | 1781.6 | 1779.4 | 1777.2 | 1774.9 |
| 160°   | 1813.4 | 1814.8 | 1814.6 | 1812.9 | 1811.2 | 1809.6 | 1807.9 |
| 162.5° | 1842.3 | 1843.9 | 1843.7 | 1841.8 | 1839.8 | 1837.9 | 1835.8 |
| 165°   | 1880.5 | 1881.8 | 1881.5 | 1879.5 | 1877.4 | 1875.4 | 1873.3 |
| 167.5° | 1909.6 | 1911.6 | 1911.6 | 1909.5 | 1907.4 | 1905.3 | 1903.2 |
| 170°   | 1926.6 | 1928.6 | 1928.5 | 1926.1 | 1923.8 | 1921.4 | 1919.0 |
| 172.5° | 1938.8 | 1940.9 | 1940.9 | 1938.7 | 1936.6 | 1934.5 | 1932.5 |
| 175°   | 1952.6 | 1954.6 | 1954.4 | 1952.1 | 1949.6 | 1947.3 | 1944.9 |
| 177.5° | 1958.3 | 1959.9 | 1959.8 | 1957.9 | 1956.0 | 1954.1 | 1952.3 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |

(END OF REPORT)