

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: P333503-830

Luminaire Tested: **S125RDIP-S375D810U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333503-830  
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: S125RDIP-S375D810U830-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 810 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4019.4 lumens  
Efficiency: N/A  
Efficacy: 128.8 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

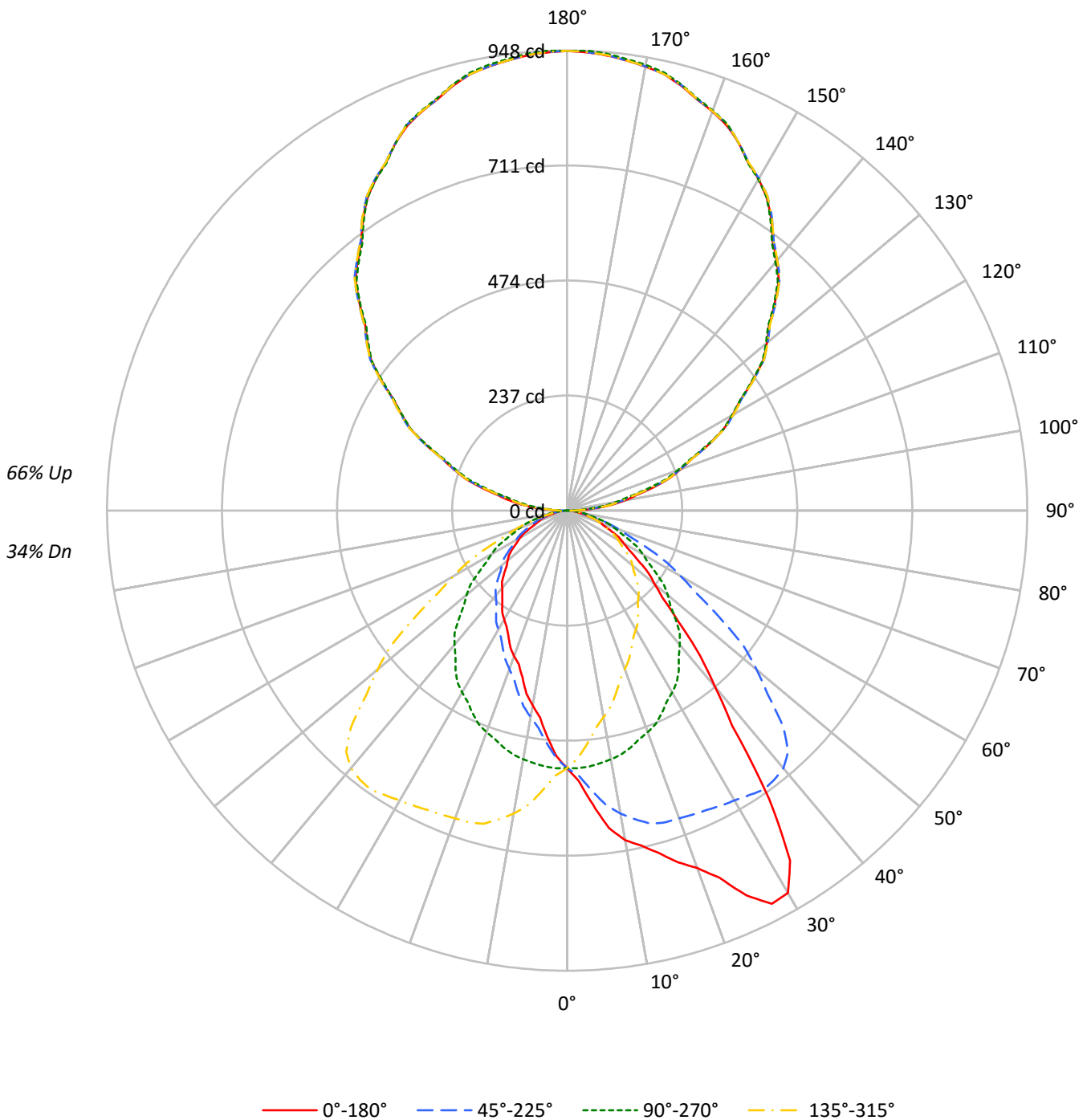
Input Watts (W): 31.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P333503-830

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 75 | 75 | 75 | 57 | 57 | 57 | 42 | 42 | 42 | 34 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 48 | 37 | 36 | 36 | 29 |
| 2   | 86  | 79  | 73  | 69  | 78 | 72 | 67 | 63 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 | 25 |
| 3   | 79  | 70  | 63  | 57  | 71 | 63 | 57 | 53 | 51 | 47 | 43 | 40 | 37 | 35 | 30 | 28 | 26 | 22 |
| 4   | 72  | 62  | 54  | 49  | 65 | 56 | 50 | 45 | 46 | 41 | 37 | 36 | 32 | 30 | 26 | 24 | 23 | 19 |
| 5   | 66  | 55  | 47  | 42  | 60 | 50 | 43 | 38 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 | 16 |
| 6   | 61  | 49  | 42  | 36  | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 29 | 25 | 23 | 22 | 19 | 18 | 14 |
| 7   | 56  | 44  | 37  | 31  | 51 | 41 | 34 | 29 | 33 | 28 | 25 | 26 | 23 | 20 | 20 | 17 | 16 | 13 |
| 8   | 52  | 40  | 33  | 28  | 47 | 37 | 30 | 26 | 30 | 25 | 22 | 24 | 20 | 18 | 18 | 16 | 14 | 11 |
| 9   | 48  | 37  | 29  | 25  | 44 | 34 | 27 | 23 | 28 | 23 | 19 | 22 | 19 | 16 | 17 | 14 | 13 | 10 |
| 10  | 45  | 34  | 27  | 22  | 41 | 31 | 25 | 20 | 25 | 21 | 17 | 20 | 17 | 14 | 16 | 13 | 11 | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3427 | 3427 | 3427 | 3427 |
| 5°  | 3942 | 3431 | 3030 | 3431 |
| 10° | 4522 | 3413 | 2674 | 3413 |
| 15° | 4884 | 3379 | 2376 | 3379 |
| 20° | 5386 | 3338 | 2194 | 3338 |
| 25° | 6233 | 3284 | 2037 | 3284 |
| 30° | 6783 | 3227 | 1933 | 3227 |
| 35° | 5722 | 3162 | 1837 | 3162 |
| 40° | 3995 | 3043 | 1755 | 3043 |
| 45° | 2964 | 2883 | 1675 | 2883 |
| 50° | 2364 | 2716 | 1607 | 2716 |
| 55° | 2005 | 2509 | 1545 | 2509 |
| 60° | 1732 | 2324 | 1447 | 2324 |
| 65° | 1543 | 2123 | 1244 | 2123 |
| 70° | 1358 | 1945 | 1135 | 1945 |
| 75° | 1173 | 1684 | 1065 | 1684 |
| 80° | 889  | 1417 | 889  | 1417 |
| 85° | 741  | 1112 | 837  | 1112 |



TEST NUMBER: P333503-830

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.9   | 1.3       |
| 10°-20°   | 149.1  | 3.7       |
| 20°-30°   | 236.4  | 5.9       |
| 30°-40°   | 285.1  | 7.1       |
| 40°-50°   | 254.6  | 6.3       |
| 50°-60°   | 195.2  | 4.9       |
| 60°-70°   | 126.9  | 3.2       |
| 70°-80°   | 61.7   | 1.5       |
| 80°-90°   | 16.8   | 0.4       |
| 90°-100°  | 63.4   | 1.6       |
| 100°-110° | 187.3  | 4.7       |
| 110°-120° | 317.3  | 7.9       |
| 120°-130° | 417.5  | 10.4      |
| 130°-140° | 467.9  | 11.6      |
| 140°-150° | 458.6  | 11.4      |
| 150°-160° | 385.1  | 9.6       |
| 160°-170° | 256.0  | 6.4       |
| 170°-180° | 89.6   | 2.2       |
| 0°-30°    | 436.4  | 10.9      |
| 0°-40°    | 721.4  | 17.9      |
| 0°-60°    | 1171.3 | 29.1      |
| 0°-90°    | 1376.6 | 34.2      |
| 90°-120°  | 568.0  | 14.1      |
| 90°-150°  | 1912.0 | 47.6      |
| 90°-180°  | 2643.0 | 65.8      |
| 0°-180°   | 4019.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 531 | 531 | 531  | 531  | 531  |      |
| 5°   | 608 | 529 | 467  | 529  | 608  | 61   |
| 15°  | 730 | 505 | 355  | 505  | 730  | 209  |
| 25°  | 875 | 461 | 286  | 461  | 875  | 402  |
| 35°  | 726 | 401 | 233  | 401  | 726  | 438  |
| 45°  | 324 | 316 | 183  | 316  | 324  | 259  |
| 55°  | 178 | 223 | 137  | 223  | 178  | 162  |
| 65°  | 101 | 139 | 81   | 139  | 101  | 101  |
| 75°  | 47  | 68  | 43   | 68   | 47   | 50   |
| 85°  | 10  | 15  | 11   | 15   | 10   | 12   |
| 90°  | 18  | 1   | 18   | 1    | 18   | 11   |
| 95°  | 63  | 48  | 63   | 48   | 63   | 65   |
| 105° | 183 | 168 | 183  | 168  | 183  | 194  |
| 115° | 321 | 318 | 321  | 318  | 321  | 317  |
| 125° | 467 | 464 | 467  | 464  | 467  | 417  |
| 135° | 605 | 603 | 605  | 603  | 605  | 467  |
| 145° | 733 | 730 | 733  | 730  | 733  | 458  |
| 155° | 836 | 836 | 836  | 836  | 836  | 385  |
| 165° | 906 | 909 | 906  | 909  | 906  | 256  |
| 175° | 941 | 945 | 941  | 945  | 941  | 89   |
| 180° | 947 | 947 | 947  | 947  | 947  |      |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 558.1 | 557.7 | 558.5 | 556.5 | 556.7 | 553.7 | 553.7 | 551.5 | 548.5 | 546.2 | 545.2 |
| 5°     | 608.0 | 608.5 | 607.7 | 604.4 | 602.2 | 598.9 | 595.2 | 588.7 | 583.2 | 578.0 | 573.9 |
| 7.5°   | 659.6 | 659.9 | 657.0 | 656.0 | 650.4 | 646.5 | 638.3 | 629.3 | 621.5 | 611.4 | 603.8 |
| 10°    | 689.6 | 689.3 | 686.3 | 683.8 | 679.1 | 673.0 | 664.9 | 654.5 | 644.7 | 633.8 | 623.3 |
| 12.5°  | 706.9 | 706.3 | 705.4 | 702.5 | 698.0 | 692.7 | 685.8 | 675.5 | 663.5 | 651.6 | 639.3 |
| 15°    | 730.5 | 729.0 | 726.1 | 722.4 | 716.0 | 709.7 | 702.2 | 693.1 | 681.5 | 668.0 | 656.7 |
| 17.5°  | 759.6 | 759.6 | 755.3 | 750.1 | 741.5 | 730.4 | 718.6 | 703.9 | 688.2 | 673.4 | 661.3 |
| 20°    | 783.6 | 783.0 | 778.6 | 768.5 | 758.7 | 744.8 | 731.3 | 713.2 | 694.1 | 674.7 | 659.7 |
| 22.5°  | 818.1 | 816.4 | 811.9 | 798.7 | 783.5 | 765.5 | 744.9 | 722.8 | 699.6 | 677.7 | 657.9 |
| 25°    | 874.7 | 873.4 | 864.4 | 849.1 | 827.8 | 800.1 | 773.2 | 742.9 | 709.5 | 680.6 | 656.7 |
| 27.5°  | 913.3 | 911.9 | 905.2 | 892.6 | 872.9 | 843.8 | 807.3 | 766.8 | 725.2 | 685.3 | 650.8 |
| 30°    | 909.5 | 912.8 | 911.9 | 906.0 | 891.2 | 865.1 | 831.3 | 785.8 | 736.3 | 689.6 | 648.4 |
| 32.5°  | 854.8 | 857.7 | 865.3 | 876.9 | 877.8 | 867.3 | 842.1 | 800.0 | 748.9 | 695.6 | 646.4 |
| 35°    | 725.7 | 729.6 | 744.4 | 767.7 | 798.2 | 823.7 | 828.9 | 806.3 | 760.3 | 703.0 | 643.6 |
| 37.5°  | 557.9 | 579.3 | 591.8 | 616.3 | 662.4 | 709.3 | 754.3 | 770.9 | 751.4 | 699.9 | 638.9 |
| 40°    | 473.9 | 479.1 | 501.3 | 529.0 | 567.8 | 616.5 | 680.8 | 727.2 | 728.7 | 693.1 | 631.6 |
| 42.5°  | 405.6 | 412.3 | 427.4 | 449.6 | 482.8 | 531.5 | 597.9 | 659.1 | 687.4 | 673.8 | 622.0 |
| 45°    | 324.5 | 329.5 | 340.6 | 357.6 | 383.0 | 423.4 | 480.4 | 551.2 | 607.4 | 629.4 | 596.3 |
| 47.5°  | 266.6 | 269.3 | 278.9 | 291.9 | 310.8 | 340.1 | 384.3 | 445.7 | 513.1 | 560.3 | 555.7 |
| 50°    | 235.3 | 238.3 | 245.6 | 255.4 | 271.4 | 296.1 | 331.5 | 382.7 | 452.1 | 509.8 | 521.4 |
| 52.5°  | 210.8 | 213.4 | 218.0 | 227.2 | 240.3 | 259.4 | 287.9 | 334.2 | 396.7 | 458.1 | 484.8 |
| 55°    | 178.1 | 179.9 | 183.6 | 188.8 | 199.3 | 213.0 | 237.6 | 269.7 | 320.2 | 382.0 | 421.2 |
| 57.5°  | 151.3 | 152.1 | 154.5 | 159.3 | 166.5 | 176.5 | 194.4 | 221.4 | 257.7 | 313.4 | 356.7 |
| 60°    | 134.1 | 135.1 | 138.1 | 141.4 | 147.0 | 156.2 | 170.1 | 189.1 | 223.9 | 269.8 | 313.6 |
| 62.5°  | 120.6 | 121.1 | 122.4 | 125.6 | 130.6 | 137.7 | 148.6 | 164.1 | 191.8 | 232.2 | 273.5 |
| 65°    | 101.0 | 101.2 | 101.7 | 104.3 | 107.4 | 112.6 | 119.8 | 130.6 | 151.6 | 182.1 | 218.7 |
| 67.5°  | 82.3  | 82.7  | 84.2  | 85.1  | 88.2  | 91.0  | 95.2  | 103.5 | 118.3 | 138.8 | 167.3 |
| 70°    | 71.9  | 71.6  | 73.1  | 74.3  | 75.3  | 78.6  | 81.4  | 88.2  | 97.4  | 113.0 | 136.8 |
| 72.5°  | 62.1  | 61.5  | 62.2  | 62.6  | 64.0  | 66.3  | 69.1  | 73.2  | 80.3  | 91.0  | 109.2 |
| 75°    | 47.0  | 47.2  | 47.2  | 47.7  | 48.8  | 49.7  | 50.5  | 52.7  | 56.6  | 63.8  | 73.6  |
| 77.5°  | 33.0  | 32.7  | 33.6  | 33.7  | 34.4  | 35.3  | 36.1  | 36.9  | 38.5  | 41.5  | 46.6  |
| 80°    | 23.9  | 23.9  | 24.1  | 24.8  | 24.6  | 25.1  | 26.1  | 27.1  | 28.9  | 30.7  | 32.4  |
| 82.5°  | 18.4  | 18.2  | 18.4  | 18.6  | 18.5  | 18.9  | 19.3  | 19.5  | 20.3  | 21.1  | 22.3  |
| 85°    | 10.0  | 10.0  | 10.3  | 10.3  | 10.5  | 10.5  | 10.7  | 10.7  | 10.7  | 10.9  | 11.1  |
| 87.5°  | 7.4   | 7.1   | 6.8   | 6.7   | 6.8   | 7.0   | 6.7   | 6.3   | 6.2   | 6.0   | 5.9   |
| 90°    | 17.7  | 17.2  | 16.7  | 16.2  | 15.7  | 15.1  | 14.2  | 13.4  | 12.6  | 11.8  | 10.7  |
| 92.5°  | 34.8  | 34.4  | 34.0  | 33.7  | 33.4  | 32.6  | 31.6  | 30.4  | 29.4  | 28.3  | 26.9  |
| 95°    | 63.3  | 63.1  | 62.8  | 62.4  | 62.1  | 61.4  | 60.2  | 59.0  | 57.9  | 56.7  | 55.1  |
| 97.5°  | 96.1  | 96.0  | 95.7  | 95.5  | 95.3  | 94.7  | 93.6  | 92.6  | 91.4  | 90.4  | 88.1  |
| 100°   | 120.8 | 120.6 | 120.2 | 119.9 | 119.6 | 118.7 | 117.2 | 115.7 | 114.2 | 112.7 | 110.7 |
| 102.5° | 145.6 | 145.2 | 144.7 | 144.3 | 143.8 | 142.8 | 141.2 | 139.6 | 138.0 | 136.4 | 135.3 |
| 105°   | 182.8 | 182.3 | 181.8 | 181.3 | 180.8 | 180.1 | 179.1 | 178.1 | 177.1 | 176.2 | 175.1 |
| 107.5° | 220.8 | 220.8 | 220.8 | 220.9 | 220.9 | 220.7 | 220.2 | 219.7 | 219.2 | 218.8 | 218.0 |
| 110°   | 249.1 | 249.3 | 249.4 | 249.6 | 249.8 | 249.6 | 249.1 | 248.6 | 248.2 | 247.6 | 247.1 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 276.8 | 277.1 | 277.4 | 277.7 | 278.1 | 278.1 | 277.8 | 277.6 | 277.4 | 277.1 | 276.5 |
| 115°   | 320.7 | 320.7 | 320.9 | 321.1 | 321.2 | 321.4 | 321.6 | 321.8 | 321.9 | 322.1 | 321.8 |
| 117.5° | 363.4 | 364.0 | 364.7 | 365.3 | 366.0 | 366.3 | 366.1 | 366.0 | 365.8 | 365.7 | 365.4 |
| 120°   | 392.9 | 393.5 | 394.2 | 394.8 | 395.5 | 395.8 | 395.8 | 395.8 | 395.8 | 395.8 | 395.6 |
| 122.5° | 422.4 | 422.8 | 423.4 | 423.9 | 424.4 | 424.7 | 424.9 | 425.0 | 425.1 | 425.3 | 424.8 |
| 125°   | 466.6 | 466.7 | 466.8 | 467.0 | 467.2 | 467.4 | 467.8 | 468.1 | 468.4 | 468.7 | 468.5 |
| 127.5° | 509.0 | 509.3 | 509.6 | 510.0 | 510.3 | 510.6 | 510.7 | 510.9 | 511.0 | 511.2 | 511.0 |
| 130°   | 537.2 | 537.6 | 537.9 | 538.3 | 538.6 | 538.9 | 539.0 | 539.1 | 539.3 | 539.5 | 539.1 |
| 132.5° | 563.8 | 564.3 | 564.8 | 565.2 | 565.6 | 566.0 | 566.1 | 566.3 | 566.5 | 566.7 | 566.7 |
| 135°   | 605.1 | 605.8 | 606.4 | 607.1 | 607.8 | 608.0 | 608.0 | 608.0 | 608.0 | 608.0 | 607.8 |
| 137.5° | 645.5 | 646.3 | 647.1 | 647.9 | 648.8 | 649.0 | 648.8 | 648.7 | 648.5 | 648.3 | 647.9 |
| 140°   | 671.5 | 672.2 | 673.1 | 673.9 | 674.7 | 675.0 | 674.6 | 674.3 | 674.0 | 673.6 | 673.2 |
| 142.5° | 696.2 | 697.0 | 697.9 | 698.6 | 699.5 | 699.7 | 699.6 | 699.4 | 699.2 | 699.0 | 698.3 |
| 145°   | 733.3 | 733.9 | 734.3 | 734.8 | 735.3 | 735.6 | 735.6 | 735.6 | 735.6 | 735.6 | 735.1 |
| 147.5° | 765.1 | 766.2 | 767.2 | 768.4 | 769.5 | 769.9 | 769.5 | 769.0 | 768.6 | 768.3 | 767.9 |
| 150°   | 788.6 | 788.9 | 789.3 | 789.6 | 789.9 | 790.1 | 790.1 | 790.1 | 790.1 | 790.1 | 789.5 |
| 152.5° | 808.0 | 808.7 | 809.3 | 809.8 | 810.4 | 810.5 | 810.1 | 809.7 | 809.4 | 809.0 | 808.7 |
| 155°   | 835.8 | 836.6 | 837.4 | 838.2 | 839.1 | 839.1 | 838.5 | 837.8 | 837.2 | 836.5 | 836.3 |
| 157.5° | 858.9 | 860.0 | 861.1 | 862.1 | 863.3 | 863.5 | 862.8 | 862.1 | 861.5 | 860.8 | 860.6 |
| 160°   | 874.9 | 875.6 | 876.5 | 877.3 | 878.2 | 878.2 | 877.5 | 876.9 | 876.3 | 875.6 | 875.4 |
| 162.5° | 888.4 | 889.4 | 890.3 | 891.3 | 892.2 | 892.3 | 891.6 | 890.7 | 889.9 | 889.2 | 889.1 |
| 165°   | 906.5 | 907.5 | 908.5 | 909.5 | 910.5 | 910.6 | 910.0 | 909.4 | 908.7 | 908.0 | 907.9 |
| 167.5° | 921.0 | 922.0 | 923.0 | 924.1 | 925.0 | 925.1 | 924.1 | 923.1 | 922.1 | 921.1 | 921.1 |
| 170°   | 928.7 | 929.8 | 930.9 | 932.1 | 933.2 | 933.3 | 932.4 | 931.3 | 930.4 | 929.3 | 929.3 |
| 172.5° | 935.1 | 936.1 | 937.2 | 938.2 | 939.2 | 939.2 | 938.2 | 937.3 | 936.2 | 935.3 | 935.3 |
| 175°   | 941.2 | 942.4 | 943.5 | 944.6 | 945.7 | 945.8 | 944.9 | 943.9 | 942.9 | 941.9 | 941.9 |
| 177.5° | 944.7 | 945.7 | 946.6 | 947.4 | 948.4 | 948.5 | 947.6 | 946.9 | 946.1 | 945.3 | 945.5 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 545.2 | 543.9 | 541.7 | 539.6 | 537.0 | 534.7 | 533.1 | 531.2 | 528.8 | 525.8 | 523.4 |
| 5°     | 569.3 | 564.5 | 558.2 | 552.7 | 545.7 | 540.4 | 534.7 | 529.2 | 523.8 | 516.8 | 510.7 |
| 7.5°   | 596.1 | 586.2 | 576.6 | 564.4 | 553.5 | 543.7 | 534.2 | 524.7 | 515.4 | 505.5 | 496.0 |
| 10°    | 612.5 | 600.4 | 587.2 | 571.9 | 558.0 | 544.7 | 532.5 | 520.5 | 507.8 | 496.8 | 484.8 |
| 12.5°  | 627.7 | 612.3 | 597.1 | 577.9 | 561.1 | 544.9 | 529.3 | 514.4 | 501.0 | 486.5 | 473.6 |
| 15°    | 641.6 | 626.3 | 609.4 | 585.9 | 562.5 | 542.9 | 524.6 | 505.3 | 488.5 | 472.4 | 458.0 |
| 17.5°  | 647.0 | 630.9 | 611.2 | 588.6 | 563.2 | 538.5 | 514.9 | 493.7 | 473.9 | 455.2 | 439.0 |
| 20°    | 644.9 | 629.4 | 609.2 | 587.6 | 560.3 | 534.7 | 509.2 | 485.7 | 463.6 | 443.8 | 426.7 |
| 22.5°  | 639.8 | 623.9 | 604.3 | 581.5 | 555.6 | 528.4 | 501.1 | 476.1 | 453.1 | 432.5 | 413.8 |
| 25°    | 632.3 | 610.5 | 590.4 | 568.2 | 543.6 | 516.6 | 488.5 | 460.8 | 436.2 | 415.3 | 394.8 |
| 27.5°  | 624.3 | 597.2 | 571.7 | 549.6 | 523.6 | 499.5 | 472.4 | 444.0 | 418.2 | 396.9 | 375.9 |
| 30°    | 617.2 | 586.7 | 558.6 | 533.6 | 509.0 | 486.1 | 460.4 | 432.7 | 406.1 | 384.2 | 362.9 |
| 32.5°  | 608.3 | 575.9 | 545.1 | 516.1 | 492.4 | 469.8 | 446.5 | 420.0 | 394.2 | 371.5 | 349.8 |
| 35°    | 597.2 | 555.8 | 522.3 | 491.5 | 465.2 | 443.2 | 422.3 | 401.0 | 375.0 | 351.5 | 330.4 |
| 37.5°  | 582.6 | 535.6 | 496.8 | 463.4 | 435.5 | 413.5 | 396.9 | 377.4 | 353.7 | 331.3 | 311.7 |
| 40°    | 573.6 | 520.9 | 478.5 | 445.4 | 416.2 | 392.9 | 377.4 | 360.9 | 339.3 | 318.2 | 298.6 |
| 42.5°  | 561.8 | 507.6 | 460.1 | 425.6 | 396.2 | 373.7 | 358.1 | 343.7 | 325.6 | 305.7 | 284.6 |
| 45°    | 538.6 | 481.5 | 431.7 | 394.6 | 365.0 | 343.0 | 328.4 | 315.6 | 301.9 | 283.5 | 265.2 |
| 47.5°  | 508.4 | 454.4 | 402.2 | 361.7 | 332.8 | 312.4 | 298.2 | 288.0 | 278.2 | 262.7 | 245.0 |
| 50°    | 484.2 | 432.1 | 381.2 | 342.0 | 311.0 | 291.6 | 278.3 | 270.3 | 261.4 | 247.2 | 232.3 |
| 52.5°  | 455.5 | 409.1 | 359.2 | 319.1 | 289.9 | 271.7 | 259.0 | 250.9 | 243.6 | 232.1 | 217.9 |
| 55°    | 410.6 | 369.8 | 324.0 | 287.7 | 260.9 | 242.6 | 230.5 | 222.8 | 218.5 | 208.7 | 197.6 |
| 57.5°  | 358.5 | 329.4 | 289.1 | 254.0 | 230.3 | 212.3 | 203.3 | 196.8 | 191.9 | 184.9 | 177.1 |
| 60°    | 322.3 | 301.9 | 265.7 | 232.3 | 210.6 | 193.4 | 185.3 | 179.9 | 175.3 | 169.5 | 163.3 |
| 62.5°  | 285.6 | 270.7 | 239.2 | 210.6 | 190.6 | 176.2 | 168.6 | 163.7 | 158.4 | 154.5 | 148.5 |
| 65°    | 236.3 | 223.0 | 201.2 | 178.8 | 160.3 | 148.7 | 143.3 | 138.9 | 135.7 | 131.3 | 127.1 |
| 67.5°  | 183.8 | 178.4 | 163.3 | 147.9 | 134.6 | 124.3 | 119.6 | 116.6 | 112.7 | 110.1 | 107.3 |
| 70°    | 151.6 | 148.9 | 138.3 | 128.1 | 115.6 | 108.7 | 104.3 | 103.0 | 98.2  | 95.6  | 93.7  |
| 72.5°  | 123.0 | 121.8 | 115.6 | 108.6 | 99.8  | 93.7  | 89.7  | 88.2  | 85.1  | 83.0  | 81.8  |
| 75°    | 84.3  | 84.7  | 83.6  | 79.1  | 75.8  | 71.9  | 68.4  | 67.5  | 65.3  | 63.6  | 62.5  |
| 77.5°  | 53.3  | 55.5  | 55.6  | 55.4  | 54.1  | 51.7  | 50.2  | 49.6  | 47.5  | 46.8  | 46.6  |
| 80°    | 36.6  | 39.0  | 41.2  | 40.9  | 40.5  | 39.9  | 38.7  | 38.1  | 37.0  | 36.4  | 35.9  |
| 82.5°  | 24.4  | 26.6  | 28.5  | 29.6  | 29.5  | 28.8  | 28.2  | 27.8  | 27.6  | 27.1  | 27.1  |
| 85°    | 11.5  | 12.0  | 12.6  | 14.1  | 15.3  | 15.5  | 15.3  | 15.0  | 14.4  | 14.6  | 14.8  |
| 87.5°  | 5.9   | 5.7   | 5.7   | 5.4   | 4.9   | 5.6   | 5.8   | 5.7   | 5.7   | 5.6   | 5.5   |
| 90°    | 9.5   | 8.4   | 7.2   | 5.9   | 4.7   | 3.4   | 2.1   | 0.8   | 2.1   | 3.4   | 4.7   |
| 92.5°  | 25.4  | 24.0  | 22.6  | 21.5  | 20.5  | 19.7  | 18.8  | 17.8  | 18.8  | 19.7  | 20.5  |
| 95°    | 53.4  | 51.8  | 50.2  | 49.2  | 48.9  | 48.5  | 48.3  | 47.9  | 48.3  | 48.5  | 48.9  |
| 97.5°  | 85.9  | 83.6  | 81.3  | 80.1  | 80.0  | 79.8  | 79.7  | 79.6  | 79.7  | 79.8  | 80.0  |
| 100°   | 108.5 | 106.4 | 104.2 | 103.2 | 103.2 | 103.2 | 103.2 | 103.2 | 103.2 | 103.2 | 103.2 |
| 102.5° | 134.2 | 133.1 | 132.1 | 131.2 | 130.5 | 129.9 | 129.2 | 128.6 | 129.2 | 129.9 | 130.5 |
| 105°   | 174.2 | 173.2 | 172.2 | 171.4 | 170.5 | 169.7 | 168.9 | 168.1 | 168.9 | 169.7 | 170.5 |
| 107.5° | 217.3 | 216.5 | 215.7 | 215.0 | 214.1 | 213.3 | 212.4 | 211.7 | 212.4 | 213.3 | 214.1 |
| 110°   | 246.7 | 246.2 | 245.7 | 245.1 | 244.2 | 243.4 | 242.6 | 241.8 | 242.6 | 243.4 | 244.2 |





TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 275.9 | 275.2 | 274.7 | 274.1 | 273.7 | 273.2 | 272.9 | 272.4 | 272.9 | 273.2 | 273.7 |
| 115°   | 321.4 | 321.1 | 320.7 | 320.3 | 319.6 | 319.0 | 318.3 | 317.6 | 318.3 | 319.0 | 319.6 |
| 117.5° | 365.1 | 364.9 | 364.6 | 364.2 | 363.9 | 363.6 | 363.4 | 363.1 | 363.4 | 363.6 | 363.9 |
| 120°   | 395.5 | 395.3 | 395.1 | 394.6 | 393.8 | 393.0 | 392.2 | 391.3 | 392.2 | 393.0 | 393.8 |
| 122.5° | 424.4 | 424.0 | 423.6 | 423.2 | 422.9 | 422.6 | 422.4 | 422.0 | 422.4 | 422.6 | 422.9 |
| 125°   | 468.4 | 468.3 | 468.1 | 467.5 | 466.6 | 465.5 | 464.6 | 463.5 | 464.6 | 465.5 | 466.6 |
| 127.5° | 510.8 | 510.6 | 510.4 | 510.0 | 509.4 | 508.9 | 508.4 | 507.8 | 508.4 | 508.9 | 509.4 |
| 130°   | 538.9 | 538.5 | 538.2 | 537.6 | 536.8 | 536.0 | 535.2 | 534.3 | 535.2 | 536.0 | 536.8 |
| 132.5° | 566.8 | 566.8 | 566.8 | 566.3 | 564.9 | 563.5 | 562.2 | 560.9 | 562.2 | 563.5 | 564.9 |
| 135°   | 607.8 | 607.6 | 607.4 | 606.8 | 605.9 | 604.8 | 603.9 | 602.9 | 603.9 | 604.8 | 605.9 |
| 137.5° | 647.5 | 647.2 | 646.9 | 646.2 | 645.3 | 644.3 | 643.4 | 642.4 | 643.4 | 644.3 | 645.3 |
| 140°   | 672.7 | 672.1 | 671.7 | 671.0 | 670.2 | 669.4 | 668.5 | 667.8 | 668.5 | 669.4 | 670.2 |
| 142.5° | 697.8 | 697.1 | 696.5 | 695.9 | 695.1 | 694.5 | 693.8 | 693.1 | 693.8 | 694.5 | 695.1 |
| 145°   | 734.5 | 734.1 | 733.6 | 733.0 | 732.4 | 731.7 | 731.0 | 730.4 | 731.0 | 731.7 | 732.4 |
| 147.5° | 767.5 | 767.1 | 766.7 | 766.3 | 766.0 | 765.6 | 765.3 | 764.9 | 765.3 | 765.6 | 766.0 |
| 150°   | 788.8 | 788.2 | 787.5 | 787.2 | 787.4 | 787.6 | 787.7 | 787.9 | 787.7 | 787.6 | 787.4 |
| 152.5° | 808.4 | 808.1 | 807.9 | 807.7 | 807.5 | 807.2 | 807.0 | 806.7 | 807.0 | 807.2 | 807.5 |
| 155°   | 836.2 | 836.0 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 |
| 157.5° | 860.5 | 860.4 | 860.2 | 860.3 | 860.6 | 861.0 | 861.4 | 861.8 | 861.4 | 861.0 | 860.6 |
| 160°   | 875.2 | 875.1 | 875.0 | 875.1 | 875.6 | 876.1 | 876.6 | 877.0 | 876.6 | 876.1 | 875.6 |
| 162.5° | 889.1 | 889.0 | 889.0 | 889.2 | 889.6 | 889.9 | 890.2 | 890.6 | 890.2 | 889.9 | 889.6 |
| 165°   | 907.7 | 907.5 | 907.4 | 907.5 | 907.8 | 908.1 | 908.4 | 908.8 | 908.4 | 908.1 | 907.8 |
| 167.5° | 921.1 | 921.1 | 921.1 | 921.4 | 922.1 | 922.7 | 923.4 | 924.1 | 923.4 | 922.7 | 922.1 |
| 170°   | 929.3 | 929.3 | 929.3 | 929.7 | 930.4 | 931.0 | 931.7 | 932.4 | 931.7 | 931.0 | 930.4 |
| 172.5° | 935.3 | 935.3 | 935.3 | 935.6 | 936.2 | 936.9 | 937.5 | 938.2 | 937.5 | 936.9 | 936.2 |
| 175°   | 941.9 | 941.9 | 941.9 | 942.3 | 942.9 | 943.6 | 944.2 | 944.9 | 944.2 | 943.6 | 942.9 |
| 177.5° | 945.6 | 945.7 | 945.8 | 946.1 | 946.7 | 947.3 | 947.7 | 948.3 | 947.7 | 947.3 | 946.7 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 521.6 | 519.2 | 517.5 | 514.0 | 511.5 | 510.5 | 508.6 | 508.0 | 510.0 | 508.6 | 508.4 |
| 5°     | 506.1 | 499.8 | 494.8 | 489.8 | 484.4 | 480.9 | 475.6 | 474.8 | 473.4 | 471.6 | 471.1 |
| 7.5°   | 487.6 | 479.3 | 472.9 | 464.6 | 457.4 | 451.6 | 445.1 | 442.0 | 440.3 | 437.7 | 434.3 |
| 10°    | 475.0 | 465.2 | 456.5 | 448.2 | 439.3 | 432.1 | 425.6 | 420.6 | 417.3 | 414.2 | 412.9 |
| 12.5°  | 462.6 | 452.6 | 441.5 | 431.5 | 421.5 | 413.5 | 406.2 | 402.9 | 399.4 | 395.8 | 392.8 |
| 15°    | 443.4 | 430.2 | 417.9 | 406.4 | 397.9 | 389.2 | 382.2 | 377.4 | 372.0 | 370.4 | 364.6 |
| 17.5°  | 423.0 | 410.0 | 395.7 | 383.6 | 373.7 | 364.1 | 356.5 | 351.0 | 346.9 | 341.3 | 338.7 |
| 20°    | 410.3 | 394.8 | 380.9 | 369.8 | 358.9 | 347.6 | 339.8 | 335.2 | 331.3 | 326.7 | 324.5 |
| 22.5°  | 396.7 | 381.6 | 367.3 | 354.3 | 343.3 | 332.1 | 326.5 | 321.8 | 317.4 | 313.1 | 310.2 |
| 25°    | 376.7 | 361.6 | 346.5 | 333.0 | 321.5 | 313.4 | 306.9 | 301.4 | 299.1 | 294.9 | 291.8 |
| 27.5°  | 357.0 | 340.8 | 325.3 | 311.8 | 302.7 | 294.7 | 289.4 | 285.1 | 280.8 | 277.2 | 274.5 |
| 30°    | 344.3 | 327.8 | 310.8 | 300.1 | 290.5 | 283.0 | 277.0 | 272.9 | 269.7 | 266.4 | 264.4 |
| 32.5°  | 331.6 | 314.5 | 299.4 | 287.9 | 278.9 | 272.3 | 266.3 | 262.2 | 258.8 | 255.2 | 252.9 |
| 35°    | 311.2 | 293.8 | 281.6 | 270.3 | 261.4 | 255.2 | 251.1 | 245.4 | 242.6 | 240.0 | 237.6 |
| 37.5°  | 292.3 | 276.1 | 262.9 | 253.0 | 245.2 | 239.1 | 233.8 | 230.7 | 227.2 | 224.9 | 222.9 |
| 40°    | 278.3 | 263.5 | 251.6 | 241.1 | 235.4 | 228.7 | 223.7 | 219.7 | 217.2 | 214.1 | 211.9 |
| 42.5°  | 265.8 | 252.0 | 240.3 | 231.0 | 223.9 | 218.2 | 213.4 | 209.4 | 206.1 | 204.0 | 202.2 |
| 45°    | 248.1 | 234.3 | 223.0 | 214.3 | 207.7 | 202.4 | 197.3 | 195.4 | 191.0 | 188.4 | 187.5 |
| 47.5°  | 229.7 | 217.4 | 206.5 | 198.5 | 191.8 | 186.6 | 181.9 | 178.0 | 175.5 | 173.0 | 171.5 |
| 50°    | 217.4 | 205.6 | 195.4 | 187.5 | 181.0 | 175.3 | 171.0 | 168.3 | 165.0 | 162.7 | 161.0 |
| 52.5°  | 205.0 | 194.1 | 183.9 | 176.3 | 170.7 | 165.0 | 160.1 | 157.6 | 154.5 | 153.0 | 151.7 |
| 55°    | 187.3 | 175.8 | 167.0 | 159.7 | 153.7 | 148.5 | 143.9 | 141.4 | 139.4 | 137.9 | 137.4 |
| 57.5°  | 167.3 | 158.2 | 150.1 | 143.4 | 137.2 | 132.3 | 128.3 | 125.8 | 124.1 | 123.9 | 122.5 |
| 60°    | 154.2 | 145.9 | 138.6 | 131.3 | 126.1 | 121.5 | 118.0 | 115.2 | 113.5 | 113.3 | 112.8 |
| 62.5°  | 141.1 | 133.2 | 126.3 | 120.0 | 115.3 | 110.9 | 107.5 | 104.4 | 103.4 | 102.3 | 101.3 |
| 65°    | 121.8 | 114.5 | 108.9 | 103.9 | 98.9  | 95.2  | 91.9  | 89.9  | 87.6  | 86.2  | 83.9  |
| 67.5°  | 102.7 | 97.2  | 91.7  | 87.5  | 83.5  | 80.0  | 77.3  | 74.4  | 72.8  | 71.7  | 70.0  |
| 70°    | 90.2  | 85.8  | 80.4  | 75.8  | 72.8  | 69.9  | 67.8  | 64.5  | 63.3  | 62.5  | 61.6  |
| 72.5°  | 78.3  | 74.5  | 69.9  | 66.2  | 63.2  | 60.5  | 58.0  | 56.5  | 55.3  | 54.5  | 54.0  |
| 75°    | 61.6  | 58.0  | 54.0  | 51.4  | 49.2  | 47.0  | 45.7  | 44.7  | 44.2  | 44.0  | 43.2  |
| 77.5°  | 45.2  | 43.3  | 40.2  | 38.1  | 36.7  | 35.7  | 34.6  | 34.0  | 33.9  | 33.0  | 32.7  |
| 80°    | 34.6  | 33.6  | 30.9  | 30.1  | 28.9  | 28.1  | 27.4  | 26.4  | 25.3  | 24.8  | 24.1  |
| 82.5°  | 25.7  | 24.7  | 23.6  | 22.2  | 21.3  | 20.7  | 20.2  | 19.7  | 19.9  | 19.2  | 18.9  |
| 85°    | 13.8  | 12.6  | 12.2  | 12.0  | 11.5  | 12.0  | 11.8  | 11.5  | 11.3  | 11.1  | 11.3  |
| 87.5°  | 5.6   | 5.8   | 5.8   | 6.4   | 6.1   | 6.5   | 6.7   | 6.7   | 6.9   | 7.0   | 7.0   |
| 90°    | 5.9   | 7.2   | 8.4   | 9.5   | 10.7  | 11.8  | 12.6  | 13.4  | 14.2  | 15.1  | 15.7  |
| 92.5°  | 21.5  | 22.6  | 24.0  | 25.4  | 26.9  | 28.3  | 29.4  | 30.4  | 31.6  | 32.6  | 33.4  |
| 95°    | 49.2  | 50.2  | 51.8  | 53.4  | 55.1  | 56.7  | 57.9  | 59.0  | 60.2  | 61.4  | 62.1  |
| 97.5°  | 80.1  | 81.3  | 83.6  | 85.9  | 88.1  | 90.4  | 91.4  | 92.6  | 93.6  | 94.7  | 95.3  |
| 100°   | 103.2 | 104.2 | 106.4 | 108.5 | 110.7 | 112.7 | 114.2 | 115.7 | 117.2 | 118.7 | 119.6 |
| 102.5° | 131.2 | 132.1 | 133.1 | 134.2 | 135.3 | 136.4 | 138.0 | 139.6 | 141.2 | 142.8 | 143.8 |
| 105°   | 171.4 | 172.2 | 173.2 | 174.2 | 175.1 | 176.2 | 177.1 | 178.1 | 179.1 | 180.1 | 180.8 |
| 107.5° | 215.0 | 215.7 | 216.5 | 217.3 | 218.0 | 218.8 | 219.2 | 219.7 | 220.2 | 220.7 | 220.9 |
| 110°   | 245.1 | 245.7 | 246.2 | 246.7 | 247.1 | 247.6 | 248.2 | 248.6 | 249.1 | 249.6 | 249.8 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 274.1 | 274.7 | 275.2 | 275.9 | 276.5 | 277.1 | 277.4 | 277.6 | 277.8 | 278.1 | 278.1 |
| 115°   | 320.3 | 320.7 | 321.1 | 321.4 | 321.8 | 322.1 | 321.9 | 321.8 | 321.6 | 321.4 | 321.2 |
| 117.5° | 364.2 | 364.6 | 364.9 | 365.1 | 365.4 | 365.7 | 365.8 | 366.0 | 366.1 | 366.3 | 366.0 |
| 120°   | 394.6 | 395.1 | 395.3 | 395.5 | 395.6 | 395.8 | 395.8 | 395.8 | 395.8 | 395.8 | 395.5 |
| 122.5° | 423.2 | 423.6 | 424.0 | 424.4 | 424.8 | 425.3 | 425.1 | 425.0 | 424.9 | 424.7 | 424.4 |
| 125°   | 467.5 | 468.1 | 468.3 | 468.4 | 468.5 | 468.7 | 468.4 | 468.1 | 467.8 | 467.4 | 467.2 |
| 127.5° | 510.0 | 510.4 | 510.6 | 510.8 | 511.0 | 511.2 | 511.0 | 510.9 | 510.7 | 510.6 | 510.3 |
| 130°   | 537.6 | 538.2 | 538.5 | 538.9 | 539.1 | 539.5 | 539.3 | 539.1 | 539.0 | 538.9 | 538.6 |
| 132.5° | 566.3 | 566.8 | 566.8 | 566.8 | 566.7 | 566.7 | 566.5 | 566.3 | 566.1 | 566.0 | 565.6 |
| 135°   | 606.8 | 607.4 | 607.6 | 607.8 | 607.8 | 608.0 | 608.0 | 608.0 | 608.0 | 608.0 | 607.8 |
| 137.5° | 646.2 | 646.9 | 647.2 | 647.5 | 647.9 | 648.3 | 648.5 | 648.7 | 648.8 | 649.0 | 648.8 |
| 140°   | 671.0 | 671.7 | 672.1 | 672.7 | 673.2 | 673.6 | 674.0 | 674.3 | 674.6 | 675.0 | 674.7 |
| 142.5° | 695.9 | 696.5 | 697.1 | 697.8 | 698.3 | 699.0 | 699.2 | 699.4 | 699.6 | 699.7 | 699.5 |
| 145°   | 733.0 | 733.6 | 734.1 | 734.5 | 735.1 | 735.6 | 735.6 | 735.6 | 735.6 | 735.6 | 735.3 |
| 147.5° | 766.3 | 766.7 | 767.1 | 767.5 | 767.9 | 768.3 | 768.6 | 769.0 | 769.5 | 769.9 | 769.5 |
| 150°   | 787.2 | 787.5 | 788.2 | 788.8 | 789.5 | 790.1 | 790.1 | 790.1 | 790.1 | 790.1 | 789.9 |
| 152.5° | 807.7 | 807.9 | 808.1 | 808.4 | 808.7 | 809.0 | 809.4 | 809.7 | 810.1 | 810.5 | 810.4 |
| 155°   | 835.8 | 835.8 | 836.0 | 836.2 | 836.3 | 836.5 | 837.2 | 837.8 | 838.5 | 839.1 | 839.1 |
| 157.5° | 860.3 | 860.2 | 860.4 | 860.5 | 860.6 | 860.8 | 861.5 | 862.1 | 862.8 | 863.5 | 863.3 |
| 160°   | 875.1 | 875.0 | 875.1 | 875.2 | 875.4 | 875.6 | 876.3 | 876.9 | 877.5 | 878.2 | 878.2 |
| 162.5° | 889.2 | 889.0 | 889.0 | 889.1 | 889.1 | 889.2 | 889.9 | 890.7 | 891.6 | 892.3 | 892.2 |
| 165°   | 907.5 | 907.4 | 907.5 | 907.7 | 907.9 | 908.0 | 908.7 | 909.4 | 910.0 | 910.6 | 910.5 |
| 167.5° | 921.4 | 921.1 | 921.1 | 921.1 | 921.1 | 921.1 | 922.1 | 923.1 | 924.1 | 925.1 | 925.0 |
| 170°   | 929.7 | 929.3 | 929.3 | 929.3 | 929.3 | 929.3 | 930.4 | 931.3 | 932.4 | 933.3 | 933.2 |
| 172.5° | 935.6 | 935.3 | 935.3 | 935.3 | 935.3 | 935.3 | 936.2 | 937.3 | 938.2 | 939.2 | 939.2 |
| 175°   | 942.3 | 941.9 | 941.9 | 941.9 | 941.9 | 941.9 | 942.9 | 943.9 | 944.9 | 945.8 | 945.7 |
| 177.5° | 946.1 | 945.8 | 945.7 | 945.6 | 945.5 | 945.3 | 946.1 | 946.9 | 947.6 | 948.5 | 948.4 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 508.2 | 506.3 | 505.8 | 506.5 | 505.8 | 506.3 | 508.2 | 508.4 | 508.6 | 510.0 | 508.0 |
| 5°     | 468.9 | 466.7 | 467.8 | 467.4 | 467.8 | 466.7 | 468.9 | 471.1 | 471.6 | 473.4 | 474.8 |
| 7.5°   | 434.3 | 431.6 | 428.8 | 429.6 | 428.8 | 431.6 | 434.3 | 434.3 | 437.7 | 440.3 | 442.0 |
| 10°    | 410.1 | 407.9 | 406.6 | 407.7 | 406.6 | 407.9 | 410.1 | 412.9 | 414.2 | 417.3 | 420.6 |
| 12.5°  | 389.7 | 388.4 | 387.3 | 386.8 | 387.3 | 388.4 | 389.7 | 392.8 | 395.8 | 399.4 | 402.9 |
| 15°    | 361.9 | 359.4 | 358.3 | 355.4 | 358.3 | 359.4 | 361.9 | 364.6 | 370.4 | 372.0 | 377.4 |
| 17.5°  | 336.4 | 335.5 | 332.7 | 331.5 | 332.7 | 335.5 | 336.4 | 338.7 | 341.3 | 346.9 | 351.0 |
| 20°    | 321.2 | 320.4 | 317.5 | 319.2 | 317.5 | 320.4 | 321.2 | 324.5 | 326.7 | 331.3 | 335.2 |
| 22.5°  | 308.7 | 306.8 | 305.9 | 305.4 | 305.9 | 306.8 | 308.7 | 310.2 | 313.1 | 317.4 | 321.8 |
| 25°    | 291.0 | 288.1 | 287.0 | 285.8 | 287.0 | 288.1 | 291.0 | 291.8 | 294.9 | 299.1 | 301.4 |
| 27.5°  | 273.2 | 271.7 | 270.3 | 269.9 | 270.3 | 271.7 | 273.2 | 274.5 | 277.2 | 280.8 | 285.1 |
| 30°    | 261.7 | 260.2 | 259.2 | 259.2 | 259.2 | 260.2 | 261.7 | 264.4 | 266.4 | 269.7 | 272.9 |
| 32.5°  | 251.5 | 250.3 | 249.2 | 249.0 | 249.2 | 250.3 | 251.5 | 252.9 | 255.2 | 258.8 | 262.2 |
| 35°    | 236.5 | 234.8 | 234.3 | 233.0 | 234.3 | 234.8 | 236.5 | 237.6 | 240.0 | 242.6 | 245.4 |
| 37.5°  | 220.9 | 219.5 | 219.5 | 219.3 | 219.5 | 219.5 | 220.9 | 222.9 | 224.9 | 227.2 | 230.7 |
| 40°    | 211.0 | 209.9 | 209.7 | 208.2 | 209.7 | 209.9 | 211.0 | 211.9 | 214.1 | 217.2 | 219.7 |
| 42.5°  | 200.4 | 199.8 | 199.1 | 198.4 | 199.1 | 199.8 | 200.4 | 202.2 | 204.0 | 206.1 | 209.4 |
| 45°    | 186.0 | 184.5 | 184.5 | 183.4 | 184.5 | 184.5 | 186.0 | 187.5 | 188.4 | 191.0 | 195.4 |
| 47.5°  | 171.1 | 169.9 | 170.0 | 168.9 | 170.0 | 169.9 | 171.1 | 171.5 | 173.0 | 175.5 | 178.0 |
| 50°    | 161.2 | 160.5 | 160.3 | 159.9 | 160.3 | 160.5 | 161.2 | 161.0 | 162.7 | 165.0 | 168.3 |
| 52.5°  | 151.3 | 150.9 | 151.7 | 150.8 | 151.7 | 150.9 | 151.3 | 151.7 | 153.0 | 154.5 | 157.6 |
| 55°    | 137.9 | 137.2 | 138.6 | 137.2 | 138.6 | 137.2 | 137.9 | 137.4 | 137.9 | 139.4 | 141.4 |
| 57.5°  | 122.5 | 121.9 | 123.1 | 122.4 | 123.1 | 121.9 | 122.5 | 122.5 | 123.9 | 124.1 | 125.8 |
| 60°    | 112.4 | 111.0 | 111.7 | 112.0 | 111.7 | 111.0 | 112.4 | 112.8 | 113.3 | 113.5 | 115.2 |
| 62.5°  | 100.4 | 99.5  | 100.1 | 99.1  | 100.1 | 99.5  | 100.4 | 101.3 | 102.3 | 103.4 | 104.4 |
| 65°    | 83.4  | 82.8  | 81.9  | 81.4  | 81.9  | 82.8  | 83.4  | 83.9  | 86.2  | 87.6  | 89.9  |
| 67.5°  | 70.1  | 68.5  | 68.4  | 68.8  | 68.4  | 68.5  | 70.1  | 70.0  | 71.7  | 72.8  | 74.4  |
| 70°    | 60.3  | 60.3  | 60.1  | 60.1  | 60.1  | 60.3  | 60.3  | 61.6  | 62.5  | 63.3  | 64.5  |
| 72.5°  | 53.5  | 53.3  | 53.0  | 52.8  | 53.0  | 53.3  | 53.5  | 54.0  | 54.5  | 55.3  | 56.5  |
| 75°    | 43.2  | 43.4  | 42.9  | 42.7  | 42.9  | 43.4  | 43.2  | 43.2  | 44.0  | 44.2  | 44.7  |
| 77.5°  | 31.9  | 30.9  | 31.4  | 30.9  | 31.4  | 30.9  | 31.9  | 32.7  | 33.0  | 33.9  | 34.0  |
| 80°    | 24.1  | 23.9  | 24.6  | 23.9  | 24.6  | 23.9  | 24.1  | 24.1  | 24.8  | 25.3  | 26.4  |
| 82.5°  | 19.1  | 18.9  | 19.2  | 18.8  | 19.2  | 18.9  | 19.1  | 18.9  | 19.2  | 19.9  | 19.7  |
| 85°    | 11.5  | 11.3  | 11.1  | 11.3  | 11.1  | 11.3  | 11.5  | 11.3  | 11.1  | 11.3  | 11.5  |
| 87.5°  | 7.3   | 7.2   | 7.3   | 7.4   | 7.3   | 7.2   | 7.3   | 7.0   | 7.0   | 6.9   | 6.7   |
| 90°    | 16.2  | 16.7  | 17.2  | 17.7  | 17.2  | 16.7  | 16.2  | 15.7  | 15.1  | 14.2  | 13.4  |
| 92.5°  | 33.7  | 34.0  | 34.4  | 34.8  | 34.4  | 34.0  | 33.7  | 33.4  | 32.6  | 31.6  | 30.4  |
| 95°    | 62.4  | 62.8  | 63.1  | 63.3  | 63.1  | 62.8  | 62.4  | 62.1  | 61.4  | 60.2  | 59.0  |
| 97.5°  | 95.5  | 95.7  | 96.0  | 96.1  | 96.0  | 95.7  | 95.5  | 95.3  | 94.7  | 93.6  | 92.6  |
| 100°   | 119.9 | 120.2 | 120.6 | 120.8 | 120.6 | 120.2 | 119.9 | 119.6 | 118.7 | 117.2 | 115.7 |
| 102.5° | 144.3 | 144.7 | 145.2 | 145.6 | 145.2 | 144.7 | 144.3 | 143.8 | 142.8 | 141.2 | 139.6 |
| 105°   | 181.3 | 181.8 | 182.3 | 182.8 | 182.3 | 181.8 | 181.3 | 180.8 | 180.1 | 179.1 | 178.1 |
| 107.5° | 220.9 | 220.8 | 220.8 | 220.8 | 220.8 | 220.8 | 220.9 | 220.9 | 220.7 | 220.2 | 219.7 |
| 110°   | 249.6 | 249.4 | 249.3 | 249.1 | 249.3 | 249.4 | 249.6 | 249.8 | 249.6 | 249.1 | 248.6 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 277.7 | 277.4 | 277.1 | 276.8 | 277.1 | 277.4 | 277.7 | 278.1 | 278.1 | 277.8 | 277.6 |
| 115°   | 321.1 | 320.9 | 320.7 | 320.7 | 320.7 | 320.9 | 321.1 | 321.2 | 321.4 | 321.6 | 321.8 |
| 117.5° | 365.3 | 364.7 | 364.0 | 363.4 | 364.0 | 364.7 | 365.3 | 366.0 | 366.3 | 366.1 | 366.0 |
| 120°   | 394.8 | 394.2 | 393.5 | 392.9 | 393.5 | 394.2 | 394.8 | 395.5 | 395.8 | 395.8 | 395.8 |
| 122.5° | 423.9 | 423.4 | 422.8 | 422.4 | 422.8 | 423.4 | 423.9 | 424.4 | 424.7 | 424.9 | 425.0 |
| 125°   | 467.0 | 466.8 | 466.7 | 466.6 | 466.7 | 466.8 | 467.0 | 467.2 | 467.4 | 467.8 | 468.1 |
| 127.5° | 510.0 | 509.6 | 509.3 | 509.0 | 509.3 | 509.6 | 510.0 | 510.3 | 510.6 | 510.7 | 510.9 |
| 130°   | 538.3 | 537.9 | 537.6 | 537.2 | 537.6 | 537.9 | 538.3 | 538.6 | 538.9 | 539.0 | 539.1 |
| 132.5° | 565.2 | 564.8 | 564.3 | 563.8 | 564.3 | 564.8 | 565.2 | 565.6 | 566.0 | 566.1 | 566.3 |
| 135°   | 607.1 | 606.4 | 605.8 | 605.1 | 605.8 | 606.4 | 607.1 | 607.8 | 608.0 | 608.0 | 608.0 |
| 137.5° | 647.9 | 647.1 | 646.3 | 645.5 | 646.3 | 647.1 | 647.9 | 648.8 | 649.0 | 648.8 | 648.7 |
| 140°   | 673.9 | 673.1 | 672.2 | 671.5 | 672.2 | 673.1 | 673.9 | 674.7 | 675.0 | 674.6 | 674.3 |
| 142.5° | 698.6 | 697.9 | 697.0 | 696.2 | 697.0 | 697.9 | 698.6 | 699.5 | 699.7 | 699.6 | 699.4 |
| 145°   | 734.8 | 734.3 | 733.9 | 733.3 | 733.9 | 734.3 | 734.8 | 735.3 | 735.6 | 735.6 | 735.6 |
| 147.5° | 768.4 | 767.2 | 766.2 | 765.1 | 766.2 | 767.2 | 768.4 | 769.5 | 769.9 | 769.5 | 769.0 |
| 150°   | 789.6 | 789.3 | 788.9 | 788.6 | 788.9 | 789.3 | 789.6 | 789.9 | 790.1 | 790.1 | 790.1 |
| 152.5° | 809.8 | 809.3 | 808.7 | 808.0 | 808.7 | 809.3 | 809.8 | 810.4 | 810.5 | 810.1 | 809.7 |
| 155°   | 838.2 | 837.4 | 836.6 | 835.8 | 836.6 | 837.4 | 838.2 | 839.1 | 839.1 | 838.5 | 837.8 |
| 157.5° | 862.1 | 861.1 | 860.0 | 858.9 | 860.0 | 861.1 | 862.1 | 863.3 | 863.5 | 862.8 | 862.1 |
| 160°   | 877.3 | 876.5 | 875.6 | 874.9 | 875.6 | 876.5 | 877.3 | 878.2 | 878.2 | 877.5 | 876.9 |
| 162.5° | 891.3 | 890.3 | 889.4 | 888.4 | 889.4 | 890.3 | 891.3 | 892.2 | 892.3 | 891.6 | 890.7 |
| 165°   | 909.5 | 908.5 | 907.5 | 906.5 | 907.5 | 908.5 | 909.5 | 910.5 | 910.6 | 910.0 | 909.4 |
| 167.5° | 924.1 | 923.0 | 922.0 | 921.0 | 922.0 | 923.0 | 924.1 | 925.0 | 925.1 | 924.1 | 923.1 |
| 170°   | 932.1 | 930.9 | 929.8 | 928.7 | 929.8 | 930.9 | 932.1 | 933.2 | 933.3 | 932.4 | 931.3 |
| 172.5° | 938.2 | 937.2 | 936.1 | 935.1 | 936.1 | 937.2 | 938.2 | 939.2 | 939.2 | 938.2 | 937.3 |
| 175°   | 944.6 | 943.5 | 942.4 | 941.2 | 942.4 | 943.5 | 944.6 | 945.7 | 945.8 | 944.9 | 943.9 |
| 177.5° | 947.4 | 946.6 | 945.7 | 944.7 | 945.7 | 946.6 | 947.4 | 948.4 | 948.5 | 947.6 | 946.9 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 508.6 | 510.5 | 511.5 | 514.0 | 517.5 | 519.2 | 521.6 | 523.4 | 525.8 | 528.8 | 531.2 |
| 5°     | 475.6 | 480.9 | 484.4 | 489.8 | 494.8 | 499.8 | 506.1 | 510.7 | 516.8 | 523.8 | 529.2 |
| 7.5°   | 445.1 | 451.6 | 457.4 | 464.6 | 472.9 | 479.3 | 487.6 | 496.0 | 505.5 | 515.4 | 524.7 |
| 10°    | 425.6 | 432.1 | 439.3 | 448.2 | 456.5 | 465.2 | 475.0 | 484.8 | 496.8 | 507.8 | 520.5 |
| 12.5°  | 406.2 | 413.5 | 421.5 | 431.5 | 441.5 | 452.6 | 462.6 | 473.6 | 486.5 | 501.0 | 514.4 |
| 15°    | 382.2 | 389.2 | 397.9 | 406.4 | 417.9 | 430.2 | 443.4 | 458.0 | 472.4 | 488.5 | 505.3 |
| 17.5°  | 356.5 | 364.1 | 373.7 | 383.6 | 395.7 | 410.0 | 423.0 | 439.0 | 455.2 | 473.9 | 493.7 |
| 20°    | 339.8 | 347.6 | 358.9 | 369.8 | 380.9 | 394.8 | 410.3 | 426.7 | 443.8 | 463.6 | 485.7 |
| 22.5°  | 326.5 | 332.1 | 343.3 | 354.3 | 367.3 | 381.6 | 396.7 | 413.8 | 432.5 | 453.1 | 476.1 |
| 25°    | 306.9 | 313.4 | 321.5 | 333.0 | 346.5 | 361.6 | 376.7 | 394.8 | 415.3 | 436.2 | 460.8 |
| 27.5°  | 289.4 | 294.7 | 302.7 | 311.8 | 325.3 | 340.8 | 357.0 | 375.9 | 396.9 | 418.2 | 444.0 |
| 30°    | 277.0 | 283.0 | 290.5 | 300.1 | 310.8 | 327.8 | 344.3 | 362.9 | 384.2 | 406.1 | 432.7 |
| 32.5°  | 266.3 | 272.3 | 278.9 | 287.9 | 299.4 | 314.5 | 331.6 | 349.8 | 371.5 | 394.2 | 420.0 |
| 35°    | 251.1 | 255.2 | 261.4 | 270.3 | 281.6 | 293.8 | 311.2 | 330.4 | 351.5 | 375.0 | 401.0 |
| 37.5°  | 233.8 | 239.1 | 245.2 | 253.0 | 262.9 | 276.1 | 292.3 | 311.7 | 331.3 | 353.7 | 377.4 |
| 40°    | 223.7 | 228.7 | 235.4 | 241.1 | 251.6 | 263.5 | 278.3 | 298.6 | 318.2 | 339.3 | 360.9 |
| 42.5°  | 213.4 | 218.2 | 223.9 | 231.0 | 240.3 | 252.0 | 265.8 | 284.6 | 305.7 | 325.6 | 343.7 |
| 45°    | 197.3 | 202.4 | 207.7 | 214.3 | 223.0 | 234.3 | 248.1 | 265.2 | 283.5 | 301.9 | 315.6 |
| 47.5°  | 181.9 | 186.6 | 191.8 | 198.5 | 206.5 | 217.4 | 229.7 | 245.0 | 262.7 | 278.2 | 288.0 |
| 50°    | 171.0 | 175.3 | 181.0 | 187.5 | 195.4 | 205.6 | 217.4 | 232.3 | 247.2 | 261.4 | 270.3 |
| 52.5°  | 160.1 | 165.0 | 170.7 | 176.3 | 183.9 | 194.1 | 205.0 | 217.9 | 232.1 | 243.6 | 250.9 |
| 55°    | 143.9 | 148.5 | 153.7 | 159.7 | 167.0 | 175.8 | 187.3 | 197.6 | 208.7 | 218.5 | 222.8 |
| 57.5°  | 128.3 | 132.3 | 137.2 | 143.4 | 150.1 | 158.2 | 167.3 | 177.1 | 184.9 | 191.9 | 196.8 |
| 60°    | 118.0 | 121.5 | 126.1 | 131.3 | 138.6 | 145.9 | 154.2 | 163.3 | 169.5 | 175.3 | 179.9 |
| 62.5°  | 107.5 | 110.9 | 115.3 | 120.0 | 126.3 | 133.2 | 141.1 | 148.5 | 154.5 | 158.4 | 163.7 |
| 65°    | 91.9  | 95.2  | 98.9  | 103.9 | 108.9 | 114.5 | 121.8 | 127.1 | 131.3 | 135.7 | 138.9 |
| 67.5°  | 77.3  | 80.0  | 83.5  | 87.5  | 91.7  | 97.2  | 102.7 | 107.3 | 110.1 | 112.7 | 116.6 |
| 70°    | 67.8  | 69.9  | 72.8  | 75.8  | 80.4  | 85.8  | 90.2  | 93.7  | 95.6  | 98.2  | 103.0 |
| 72.5°  | 58.0  | 60.5  | 63.2  | 66.2  | 69.9  | 74.5  | 78.3  | 81.8  | 83.0  | 85.1  | 88.2  |
| 75°    | 45.7  | 47.0  | 49.2  | 51.4  | 54.0  | 58.0  | 61.6  | 62.5  | 63.6  | 65.3  | 67.5  |
| 77.5°  | 34.6  | 35.7  | 36.7  | 38.1  | 40.2  | 43.3  | 45.2  | 46.6  | 46.8  | 47.5  | 49.6  |
| 80°    | 27.4  | 28.1  | 28.9  | 30.1  | 30.9  | 33.6  | 34.6  | 35.9  | 36.4  | 37.0  | 38.1  |
| 82.5°  | 20.2  | 20.7  | 21.3  | 22.2  | 23.6  | 24.7  | 25.7  | 27.1  | 27.1  | 27.6  | 27.8  |
| 85°    | 11.8  | 12.0  | 11.5  | 12.0  | 12.2  | 12.6  | 13.8  | 14.8  | 14.6  | 14.4  | 15.0  |
| 87.5°  | 6.7   | 6.5   | 6.1   | 6.4   | 5.8   | 5.8   | 5.6   | 5.5   | 5.6   | 5.7   | 5.7   |
| 90°    | 12.6  | 11.8  | 10.7  | 9.5   | 8.4   | 7.2   | 5.9   | 4.7   | 3.4   | 2.1   | 0.8   |
| 92.5°  | 29.4  | 28.3  | 26.9  | 25.4  | 24.0  | 22.6  | 21.5  | 20.5  | 19.7  | 18.8  | 17.8  |
| 95°    | 57.9  | 56.7  | 55.1  | 53.4  | 51.8  | 50.2  | 49.2  | 48.9  | 48.5  | 48.3  | 47.9  |
| 97.5°  | 91.4  | 90.4  | 88.1  | 85.9  | 83.6  | 81.3  | 80.1  | 80.0  | 79.8  | 79.7  | 79.6  |
| 100°   | 114.2 | 112.7 | 110.7 | 108.5 | 106.4 | 104.2 | 103.2 | 103.2 | 103.2 | 103.2 | 103.2 |
| 102.5° | 138.0 | 136.4 | 135.3 | 134.2 | 133.1 | 132.1 | 131.2 | 130.5 | 129.9 | 129.2 | 128.6 |
| 105°   | 177.1 | 176.2 | 175.1 | 174.2 | 173.2 | 172.2 | 171.4 | 170.5 | 169.7 | 168.9 | 168.1 |
| 107.5° | 219.2 | 218.8 | 218.0 | 217.3 | 216.5 | 215.7 | 215.0 | 214.1 | 213.3 | 212.4 | 211.7 |
| 110°   | 248.2 | 247.6 | 247.1 | 246.7 | 246.2 | 245.7 | 245.1 | 244.2 | 243.4 | 242.6 | 241.8 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 277.4 | 277.1 | 276.5 | 275.9 | 275.2 | 274.7 | 274.1 | 273.7 | 273.2 | 272.9 | 272.4 |
| 115°   | 321.9 | 322.1 | 321.8 | 321.4 | 321.1 | 320.7 | 320.3 | 319.6 | 319.0 | 318.3 | 317.6 |
| 117.5° | 365.8 | 365.7 | 365.4 | 365.1 | 364.9 | 364.6 | 364.2 | 363.9 | 363.6 | 363.4 | 363.1 |
| 120°   | 395.8 | 395.8 | 395.6 | 395.5 | 395.3 | 395.1 | 394.6 | 393.8 | 393.0 | 392.2 | 391.3 |
| 122.5° | 425.1 | 425.3 | 424.8 | 424.4 | 424.0 | 423.6 | 423.2 | 422.9 | 422.6 | 422.4 | 422.0 |
| 125°   | 468.4 | 468.7 | 468.5 | 468.4 | 468.3 | 468.1 | 467.5 | 466.6 | 465.5 | 464.6 | 463.5 |
| 127.5° | 511.0 | 511.2 | 511.0 | 510.8 | 510.6 | 510.4 | 510.0 | 509.4 | 508.9 | 508.4 | 507.8 |
| 130°   | 539.3 | 539.5 | 539.1 | 538.9 | 538.5 | 538.2 | 537.6 | 536.8 | 536.0 | 535.2 | 534.3 |
| 132.5° | 566.5 | 566.7 | 566.7 | 566.8 | 566.8 | 566.8 | 566.3 | 564.9 | 563.5 | 562.2 | 560.9 |
| 135°   | 608.0 | 608.0 | 607.8 | 607.8 | 607.6 | 607.4 | 606.8 | 605.9 | 604.8 | 603.9 | 602.9 |
| 137.5° | 648.5 | 648.3 | 647.9 | 647.5 | 647.2 | 646.9 | 646.2 | 645.3 | 644.3 | 643.4 | 642.4 |
| 140°   | 674.0 | 673.6 | 673.2 | 672.7 | 672.1 | 671.7 | 671.0 | 670.2 | 669.4 | 668.5 | 667.8 |
| 142.5° | 699.2 | 699.0 | 698.3 | 697.8 | 697.1 | 696.5 | 695.9 | 695.1 | 694.5 | 693.8 | 693.1 |
| 145°   | 735.6 | 735.6 | 735.1 | 734.5 | 734.1 | 733.6 | 733.0 | 732.4 | 731.7 | 731.0 | 730.4 |
| 147.5° | 768.6 | 768.3 | 767.9 | 767.5 | 767.1 | 766.7 | 766.3 | 766.0 | 765.6 | 765.3 | 764.9 |
| 150°   | 790.1 | 790.1 | 789.5 | 788.8 | 788.2 | 787.5 | 787.2 | 787.4 | 787.6 | 787.7 | 787.9 |
| 152.5° | 809.4 | 809.0 | 808.7 | 808.4 | 808.1 | 807.9 | 807.7 | 807.5 | 807.2 | 807.0 | 806.7 |
| 155°   | 837.2 | 836.5 | 836.3 | 836.2 | 836.0 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 |
| 157.5° | 861.5 | 860.8 | 860.6 | 860.5 | 860.4 | 860.2 | 860.3 | 860.6 | 861.0 | 861.4 | 861.8 |
| 160°   | 876.3 | 875.6 | 875.4 | 875.2 | 875.1 | 875.0 | 875.1 | 875.6 | 876.1 | 876.6 | 877.0 |
| 162.5° | 889.9 | 889.2 | 889.1 | 889.1 | 889.0 | 889.0 | 889.2 | 889.6 | 889.9 | 890.2 | 890.6 |
| 165°   | 908.7 | 908.0 | 907.9 | 907.7 | 907.5 | 907.4 | 907.5 | 907.8 | 908.1 | 908.4 | 908.8 |
| 167.5° | 922.1 | 921.1 | 921.1 | 921.1 | 921.1 | 921.1 | 921.4 | 922.1 | 922.7 | 923.4 | 924.1 |
| 170°   | 930.4 | 929.3 | 929.3 | 929.3 | 929.3 | 929.3 | 929.7 | 930.4 | 931.0 | 931.7 | 932.4 |
| 172.5° | 936.2 | 935.3 | 935.3 | 935.3 | 935.3 | 935.3 | 935.6 | 936.2 | 936.9 | 937.5 | 938.2 |
| 175°   | 942.9 | 941.9 | 941.9 | 941.9 | 941.9 | 941.9 | 942.3 | 942.9 | 943.6 | 944.2 | 944.9 |
| 177.5° | 946.1 | 945.3 | 945.5 | 945.6 | 945.7 | 945.8 | 946.1 | 946.7 | 947.3 | 947.7 | 948.3 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 533.1 | 534.7 | 537.0 | 539.6 | 541.7 | 543.9 | 545.2 | 545.2 | 546.2 | 548.5 | 551.5 |
| 5°     | 534.7 | 540.4 | 545.7 | 552.7 | 558.2 | 564.5 | 569.3 | 573.9 | 578.0 | 583.2 | 588.7 |
| 7.5°   | 534.2 | 543.7 | 553.5 | 564.4 | 576.6 | 586.2 | 596.1 | 603.8 | 611.4 | 621.5 | 629.3 |
| 10°    | 532.5 | 544.7 | 558.0 | 571.9 | 587.2 | 600.4 | 612.5 | 623.3 | 633.8 | 644.7 | 654.5 |
| 12.5°  | 529.3 | 544.9 | 561.1 | 577.9 | 597.1 | 612.3 | 627.7 | 639.3 | 651.6 | 663.5 | 675.5 |
| 15°    | 524.6 | 542.9 | 562.5 | 585.9 | 609.4 | 626.3 | 641.6 | 656.7 | 668.0 | 681.5 | 693.1 |
| 17.5°  | 514.9 | 538.5 | 563.2 | 588.6 | 611.2 | 630.9 | 647.0 | 661.3 | 673.4 | 688.2 | 703.9 |
| 20°    | 509.2 | 534.7 | 560.3 | 587.6 | 609.2 | 629.4 | 644.9 | 659.7 | 674.7 | 694.1 | 713.2 |
| 22.5°  | 501.1 | 528.4 | 555.6 | 581.5 | 604.3 | 623.9 | 639.8 | 657.9 | 677.7 | 699.6 | 722.8 |
| 25°    | 488.5 | 516.6 | 543.6 | 568.2 | 590.4 | 610.5 | 632.3 | 656.7 | 680.6 | 709.5 | 742.9 |
| 27.5°  | 472.4 | 499.5 | 523.6 | 549.6 | 571.7 | 597.2 | 624.3 | 650.8 | 685.3 | 725.2 | 766.8 |
| 30°    | 460.4 | 486.1 | 509.0 | 533.6 | 558.6 | 586.7 | 617.2 | 648.4 | 689.6 | 736.3 | 785.8 |
| 32.5°  | 446.5 | 469.8 | 492.4 | 516.1 | 545.1 | 575.9 | 608.3 | 646.4 | 695.6 | 748.9 | 800.0 |
| 35°    | 422.3 | 443.2 | 465.2 | 491.5 | 522.3 | 555.8 | 597.2 | 643.6 | 703.0 | 760.3 | 806.3 |
| 37.5°  | 396.9 | 413.5 | 435.5 | 463.4 | 496.8 | 535.6 | 582.6 | 638.9 | 699.9 | 751.4 | 770.9 |
| 40°    | 377.4 | 392.9 | 416.2 | 445.4 | 478.5 | 520.9 | 573.6 | 631.6 | 693.1 | 728.7 | 727.2 |
| 42.5°  | 358.1 | 373.7 | 396.2 | 425.6 | 460.1 | 507.6 | 561.8 | 622.0 | 673.8 | 687.4 | 659.1 |
| 45°    | 328.4 | 343.0 | 365.0 | 394.6 | 431.7 | 481.5 | 538.6 | 596.3 | 629.4 | 607.4 | 551.2 |
| 47.5°  | 298.2 | 312.4 | 332.8 | 361.7 | 402.2 | 454.4 | 508.4 | 555.7 | 560.3 | 513.1 | 445.7 |
| 50°    | 278.3 | 291.6 | 311.0 | 342.0 | 381.2 | 432.1 | 484.2 | 521.4 | 509.8 | 452.1 | 382.7 |
| 52.5°  | 259.0 | 271.7 | 289.9 | 319.1 | 359.2 | 409.1 | 455.5 | 484.8 | 458.1 | 396.7 | 334.2 |
| 55°    | 230.5 | 242.6 | 260.9 | 287.7 | 324.0 | 369.8 | 410.6 | 421.2 | 382.0 | 320.2 | 269.7 |
| 57.5°  | 203.3 | 212.3 | 230.3 | 254.0 | 289.1 | 329.4 | 358.5 | 356.7 | 313.4 | 257.7 | 221.4 |
| 60°    | 185.3 | 193.4 | 210.6 | 232.3 | 265.7 | 301.9 | 322.3 | 313.6 | 269.8 | 223.9 | 189.1 |
| 62.5°  | 168.6 | 176.2 | 190.6 | 210.6 | 239.2 | 270.7 | 285.6 | 273.5 | 232.2 | 191.8 | 164.1 |
| 65°    | 143.3 | 148.7 | 160.3 | 178.8 | 201.2 | 223.0 | 236.3 | 218.7 | 182.1 | 151.6 | 130.6 |
| 67.5°  | 119.6 | 124.3 | 134.6 | 147.9 | 163.3 | 178.4 | 183.8 | 167.3 | 138.8 | 118.3 | 103.5 |
| 70°    | 104.3 | 108.7 | 115.6 | 128.1 | 138.3 | 148.9 | 151.6 | 136.8 | 113.0 | 97.4  | 88.2  |
| 72.5°  | 89.7  | 93.7  | 99.8  | 108.6 | 115.6 | 121.8 | 123.0 | 109.2 | 91.0  | 80.3  | 73.2  |
| 75°    | 68.4  | 71.9  | 75.8  | 79.1  | 83.6  | 84.7  | 84.3  | 73.6  | 63.8  | 56.6  | 52.7  |
| 77.5°  | 50.2  | 51.7  | 54.1  | 55.4  | 55.6  | 55.5  | 53.3  | 46.6  | 41.5  | 38.5  | 36.9  |
| 80°    | 38.7  | 39.9  | 40.5  | 40.9  | 41.2  | 39.0  | 36.6  | 32.4  | 30.7  | 28.9  | 27.1  |
| 82.5°  | 28.2  | 28.8  | 29.5  | 29.6  | 28.5  | 26.6  | 24.4  | 22.3  | 21.1  | 20.3  | 19.5  |
| 85°    | 15.3  | 15.5  | 15.3  | 14.1  | 12.6  | 12.0  | 11.5  | 11.1  | 10.9  | 10.7  | 10.7  |
| 87.5°  | 5.8   | 5.6   | 4.9   | 5.4   | 5.7   | 5.7   | 5.9   | 5.9   | 6.0   | 6.2   | 6.3   |
| 90°    | 2.1   | 3.4   | 4.7   | 5.9   | 7.2   | 8.4   | 9.5   | 10.7  | 11.8  | 12.6  | 13.4  |
| 92.5°  | 18.8  | 19.7  | 20.5  | 21.5  | 22.6  | 24.0  | 25.4  | 26.9  | 28.3  | 29.4  | 30.4  |
| 95°    | 48.3  | 48.5  | 48.9  | 49.2  | 50.2  | 51.8  | 53.4  | 55.1  | 56.7  | 57.9  | 59.0  |
| 97.5°  | 79.7  | 79.8  | 80.0  | 80.1  | 81.3  | 83.6  | 85.9  | 88.1  | 90.4  | 91.4  | 92.6  |
| 100°   | 103.2 | 103.2 | 103.2 | 103.2 | 104.2 | 106.4 | 108.5 | 110.7 | 112.7 | 114.2 | 115.7 |
| 102.5° | 129.2 | 129.9 | 130.5 | 131.2 | 132.1 | 133.1 | 134.2 | 135.3 | 136.4 | 138.0 | 139.6 |
| 105°   | 168.9 | 169.7 | 170.5 | 171.4 | 172.2 | 173.2 | 174.2 | 175.1 | 176.2 | 177.1 | 178.1 |
| 107.5° | 212.4 | 213.3 | 214.1 | 215.0 | 215.7 | 216.5 | 217.3 | 218.0 | 218.8 | 219.2 | 219.7 |
| 110°   | 242.6 | 243.4 | 244.2 | 245.1 | 245.7 | 246.2 | 246.7 | 247.1 | 247.6 | 248.2 | 248.6 |





TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 272.9 | 273.2 | 273.7 | 274.1 | 274.7 | 275.2 | 275.9 | 276.5 | 277.1 | 277.4 | 277.6 |
| 115°   | 318.3 | 319.0 | 319.6 | 320.3 | 320.7 | 321.1 | 321.4 | 321.8 | 322.1 | 321.9 | 321.8 |
| 117.5° | 363.4 | 363.6 | 363.9 | 364.2 | 364.6 | 364.9 | 365.1 | 365.4 | 365.7 | 365.8 | 366.0 |
| 120°   | 392.2 | 393.0 | 393.8 | 394.6 | 395.1 | 395.3 | 395.5 | 395.6 | 395.8 | 395.8 | 395.8 |
| 122.5° | 422.4 | 422.6 | 422.9 | 423.2 | 423.6 | 424.0 | 424.4 | 424.8 | 425.3 | 425.1 | 425.0 |
| 125°   | 464.6 | 465.5 | 466.6 | 467.5 | 468.1 | 468.3 | 468.4 | 468.5 | 468.7 | 468.4 | 468.1 |
| 127.5° | 508.4 | 508.9 | 509.4 | 510.0 | 510.4 | 510.6 | 510.8 | 511.0 | 511.2 | 511.0 | 510.9 |
| 130°   | 535.2 | 536.0 | 536.8 | 537.6 | 538.2 | 538.5 | 538.9 | 539.1 | 539.5 | 539.3 | 539.1 |
| 132.5° | 562.2 | 563.5 | 564.9 | 566.3 | 566.8 | 566.8 | 566.8 | 566.7 | 566.7 | 566.5 | 566.3 |
| 135°   | 603.9 | 604.8 | 605.9 | 606.8 | 607.4 | 607.6 | 607.8 | 607.8 | 608.0 | 608.0 | 608.0 |
| 137.5° | 643.4 | 644.3 | 645.3 | 646.2 | 646.9 | 647.2 | 647.5 | 647.9 | 648.3 | 648.5 | 648.7 |
| 140°   | 668.5 | 669.4 | 670.2 | 671.0 | 671.7 | 672.1 | 672.7 | 673.2 | 673.6 | 674.0 | 674.3 |
| 142.5° | 693.8 | 694.5 | 695.1 | 695.9 | 696.5 | 697.1 | 697.8 | 698.3 | 699.0 | 699.2 | 699.4 |
| 145°   | 731.0 | 731.7 | 732.4 | 733.0 | 733.6 | 734.1 | 734.5 | 735.1 | 735.6 | 735.6 | 735.6 |
| 147.5° | 765.3 | 765.6 | 766.0 | 766.3 | 766.7 | 767.1 | 767.5 | 767.9 | 768.3 | 768.6 | 769.0 |
| 150°   | 787.7 | 787.6 | 787.4 | 787.2 | 787.5 | 788.2 | 788.8 | 789.5 | 790.1 | 790.1 | 790.1 |
| 152.5° | 807.0 | 807.2 | 807.5 | 807.7 | 807.9 | 808.1 | 808.4 | 808.7 | 809.0 | 809.4 | 809.7 |
| 155°   | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 836.0 | 836.2 | 836.3 | 836.5 | 837.2 | 837.8 |
| 157.5° | 861.4 | 861.0 | 860.6 | 860.3 | 860.2 | 860.4 | 860.5 | 860.6 | 860.8 | 861.5 | 862.1 |
| 160°   | 876.6 | 876.1 | 875.6 | 875.1 | 875.0 | 875.1 | 875.2 | 875.4 | 875.6 | 876.3 | 876.9 |
| 162.5° | 890.2 | 889.9 | 889.6 | 889.2 | 889.0 | 889.0 | 889.1 | 889.1 | 889.2 | 889.9 | 890.7 |
| 165°   | 908.4 | 908.1 | 907.8 | 907.5 | 907.4 | 907.5 | 907.7 | 907.9 | 908.0 | 908.7 | 909.4 |
| 167.5° | 923.4 | 922.7 | 922.1 | 921.4 | 921.1 | 921.1 | 921.1 | 921.1 | 921.1 | 922.1 | 923.1 |
| 170°   | 931.7 | 931.0 | 930.4 | 929.7 | 929.3 | 929.3 | 929.3 | 929.3 | 929.3 | 930.4 | 931.3 |
| 172.5° | 937.5 | 936.9 | 936.2 | 935.6 | 935.3 | 935.3 | 935.3 | 935.3 | 935.3 | 936.2 | 937.3 |
| 175°   | 944.2 | 943.6 | 942.9 | 942.3 | 941.9 | 941.9 | 941.9 | 941.9 | 941.9 | 942.9 | 943.9 |
| 177.5° | 947.7 | 947.3 | 946.7 | 946.1 | 945.8 | 945.7 | 945.6 | 945.5 | 945.3 | 946.1 | 946.9 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 | 530.6 |
| 2.5°   | 553.7 | 553.7 | 556.7 | 556.5 | 558.5 | 557.7 | 558.1 |
| 5°     | 595.2 | 598.9 | 602.2 | 604.4 | 607.7 | 608.5 | 608.0 |
| 7.5°   | 638.3 | 646.5 | 650.4 | 656.0 | 657.0 | 659.9 | 659.6 |
| 10°    | 664.9 | 673.0 | 679.1 | 683.8 | 686.3 | 689.3 | 689.6 |
| 12.5°  | 685.8 | 692.7 | 698.0 | 702.5 | 705.4 | 706.3 | 706.9 |
| 15°    | 702.2 | 709.7 | 716.0 | 722.4 | 726.1 | 729.0 | 730.5 |
| 17.5°  | 718.6 | 730.4 | 741.5 | 750.1 | 755.3 | 759.6 | 759.6 |
| 20°    | 731.3 | 744.8 | 758.7 | 768.5 | 778.6 | 783.0 | 783.6 |
| 22.5°  | 744.9 | 765.5 | 783.5 | 798.7 | 811.9 | 816.4 | 818.1 |
| 25°    | 773.2 | 800.1 | 827.8 | 849.1 | 864.4 | 873.4 | 874.7 |
| 27.5°  | 807.3 | 843.8 | 872.9 | 892.6 | 905.2 | 911.9 | 913.3 |
| 30°    | 831.3 | 865.1 | 891.2 | 906.0 | 911.9 | 912.8 | 909.5 |
| 32.5°  | 842.1 | 867.3 | 877.8 | 876.9 | 865.3 | 857.7 | 854.8 |
| 35°    | 828.9 | 823.7 | 798.2 | 767.7 | 744.4 | 729.6 | 725.7 |
| 37.5°  | 754.3 | 709.3 | 662.4 | 616.3 | 591.8 | 579.3 | 557.9 |
| 40°    | 680.8 | 616.5 | 567.8 | 529.0 | 501.3 | 479.1 | 473.9 |
| 42.5°  | 597.9 | 531.5 | 482.8 | 449.6 | 427.4 | 412.3 | 405.6 |
| 45°    | 480.4 | 423.4 | 383.0 | 357.6 | 340.6 | 329.5 | 324.5 |
| 47.5°  | 384.3 | 340.1 | 310.8 | 291.9 | 278.9 | 269.3 | 266.6 |
| 50°    | 331.5 | 296.1 | 271.4 | 255.4 | 245.6 | 238.3 | 235.3 |
| 52.5°  | 287.9 | 259.4 | 240.3 | 227.2 | 218.0 | 213.4 | 210.8 |
| 55°    | 237.6 | 213.0 | 199.3 | 188.8 | 183.6 | 179.9 | 178.1 |
| 57.5°  | 194.4 | 176.5 | 166.5 | 159.3 | 154.5 | 152.1 | 151.3 |
| 60°    | 170.1 | 156.2 | 147.0 | 141.4 | 138.1 | 135.1 | 134.1 |
| 62.5°  | 148.6 | 137.7 | 130.6 | 125.6 | 122.4 | 121.1 | 120.6 |
| 65°    | 119.8 | 112.6 | 107.4 | 104.3 | 101.7 | 101.2 | 101.0 |
| 67.5°  | 95.2  | 91.0  | 88.2  | 85.1  | 84.2  | 82.7  | 82.3  |
| 70°    | 81.4  | 78.6  | 75.3  | 74.3  | 73.1  | 71.6  | 71.9  |
| 72.5°  | 69.1  | 66.3  | 64.0  | 62.6  | 62.2  | 61.5  | 62.1  |
| 75°    | 50.5  | 49.7  | 48.8  | 47.7  | 47.2  | 47.2  | 47.0  |
| 77.5°  | 36.1  | 35.3  | 34.4  | 33.7  | 33.6  | 32.7  | 33.0  |
| 80°    | 26.1  | 25.1  | 24.6  | 24.8  | 24.1  | 23.9  | 23.9  |
| 82.5°  | 19.3  | 18.9  | 18.5  | 18.6  | 18.4  | 18.2  | 18.4  |
| 85°    | 10.7  | 10.5  | 10.5  | 10.3  | 10.3  | 10.0  | 10.0  |
| 87.5°  | 6.7   | 7.0   | 6.8   | 6.7   | 6.8   | 7.1   | 7.4   |
| 90°    | 14.2  | 15.1  | 15.7  | 16.2  | 16.7  | 17.2  | 17.7  |
| 92.5°  | 31.6  | 32.6  | 33.4  | 33.7  | 34.0  | 34.4  | 34.8  |
| 95°    | 60.2  | 61.4  | 62.1  | 62.4  | 62.8  | 63.1  | 63.3  |
| 97.5°  | 93.6  | 94.7  | 95.3  | 95.5  | 95.7  | 96.0  | 96.1  |
| 100°   | 117.2 | 118.7 | 119.6 | 119.9 | 120.2 | 120.6 | 120.8 |
| 102.5° | 141.2 | 142.8 | 143.8 | 144.3 | 144.7 | 145.2 | 145.6 |
| 105°   | 179.1 | 180.1 | 180.8 | 181.3 | 181.8 | 182.3 | 182.8 |
| 107.5° | 220.2 | 220.7 | 220.9 | 220.9 | 220.8 | 220.8 | 220.8 |
| 110°   | 249.1 | 249.6 | 249.8 | 249.6 | 249.4 | 249.3 | 249.1 |



TEST NUMBER: P333503-830

CATALOG NUMBER: S125RDIP-S375D810U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 277.8 | 278.1 | 278.1 | 277.7 | 277.4 | 277.1 | 276.8 |
| 115°   | 321.6 | 321.4 | 321.2 | 321.1 | 320.9 | 320.7 | 320.7 |
| 117.5° | 366.1 | 366.3 | 366.0 | 365.3 | 364.7 | 364.0 | 363.4 |
| 120°   | 395.8 | 395.8 | 395.5 | 394.8 | 394.2 | 393.5 | 392.9 |
| 122.5° | 424.9 | 424.7 | 424.4 | 423.9 | 423.4 | 422.8 | 422.4 |
| 125°   | 467.8 | 467.4 | 467.2 | 467.0 | 466.8 | 466.7 | 466.6 |
| 127.5° | 510.7 | 510.6 | 510.3 | 510.0 | 509.6 | 509.3 | 509.0 |
| 130°   | 539.0 | 538.9 | 538.6 | 538.3 | 537.9 | 537.6 | 537.2 |
| 132.5° | 566.1 | 566.0 | 565.6 | 565.2 | 564.8 | 564.3 | 563.8 |
| 135°   | 608.0 | 608.0 | 607.8 | 607.1 | 606.4 | 605.8 | 605.1 |
| 137.5° | 648.8 | 649.0 | 648.8 | 647.9 | 647.1 | 646.3 | 645.5 |
| 140°   | 674.6 | 675.0 | 674.7 | 673.9 | 673.1 | 672.2 | 671.5 |
| 142.5° | 699.6 | 699.7 | 699.5 | 698.6 | 697.9 | 697.0 | 696.2 |
| 145°   | 735.6 | 735.6 | 735.3 | 734.8 | 734.3 | 733.9 | 733.3 |
| 147.5° | 769.5 | 769.9 | 769.5 | 768.4 | 767.2 | 766.2 | 765.1 |
| 150°   | 790.1 | 790.1 | 789.9 | 789.6 | 789.3 | 788.9 | 788.6 |
| 152.5° | 810.1 | 810.5 | 810.4 | 809.8 | 809.3 | 808.7 | 808.0 |
| 155°   | 838.5 | 839.1 | 839.1 | 838.2 | 837.4 | 836.6 | 835.8 |
| 157.5° | 862.8 | 863.5 | 863.3 | 862.1 | 861.1 | 860.0 | 858.9 |
| 160°   | 877.5 | 878.2 | 878.2 | 877.3 | 876.5 | 875.6 | 874.9 |
| 162.5° | 891.6 | 892.3 | 892.2 | 891.3 | 890.3 | 889.4 | 888.4 |
| 165°   | 910.0 | 910.6 | 910.5 | 909.5 | 908.5 | 907.5 | 906.5 |
| 167.5° | 924.1 | 925.1 | 925.0 | 924.1 | 923.0 | 922.0 | 921.0 |
| 170°   | 932.4 | 933.3 | 933.2 | 932.1 | 930.9 | 929.8 | 928.7 |
| 172.5° | 938.2 | 939.2 | 939.2 | 938.2 | 937.2 | 936.1 | 935.1 |
| 175°   | 944.9 | 945.8 | 945.7 | 944.6 | 943.5 | 942.4 | 941.2 |
| 177.5° | 947.6 | 948.5 | 948.4 | 947.4 | 946.6 | 945.7 | 944.7 |
| 180°   | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 | 947.1 |

(END OF REPORT)