

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: P333115

Luminaire Tested: **S125DIP-S375D365U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333115  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIP-S375D365U835-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 365 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3001.5 lumens  
Efficiency: N/A  
Efficacy: 147.9 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse

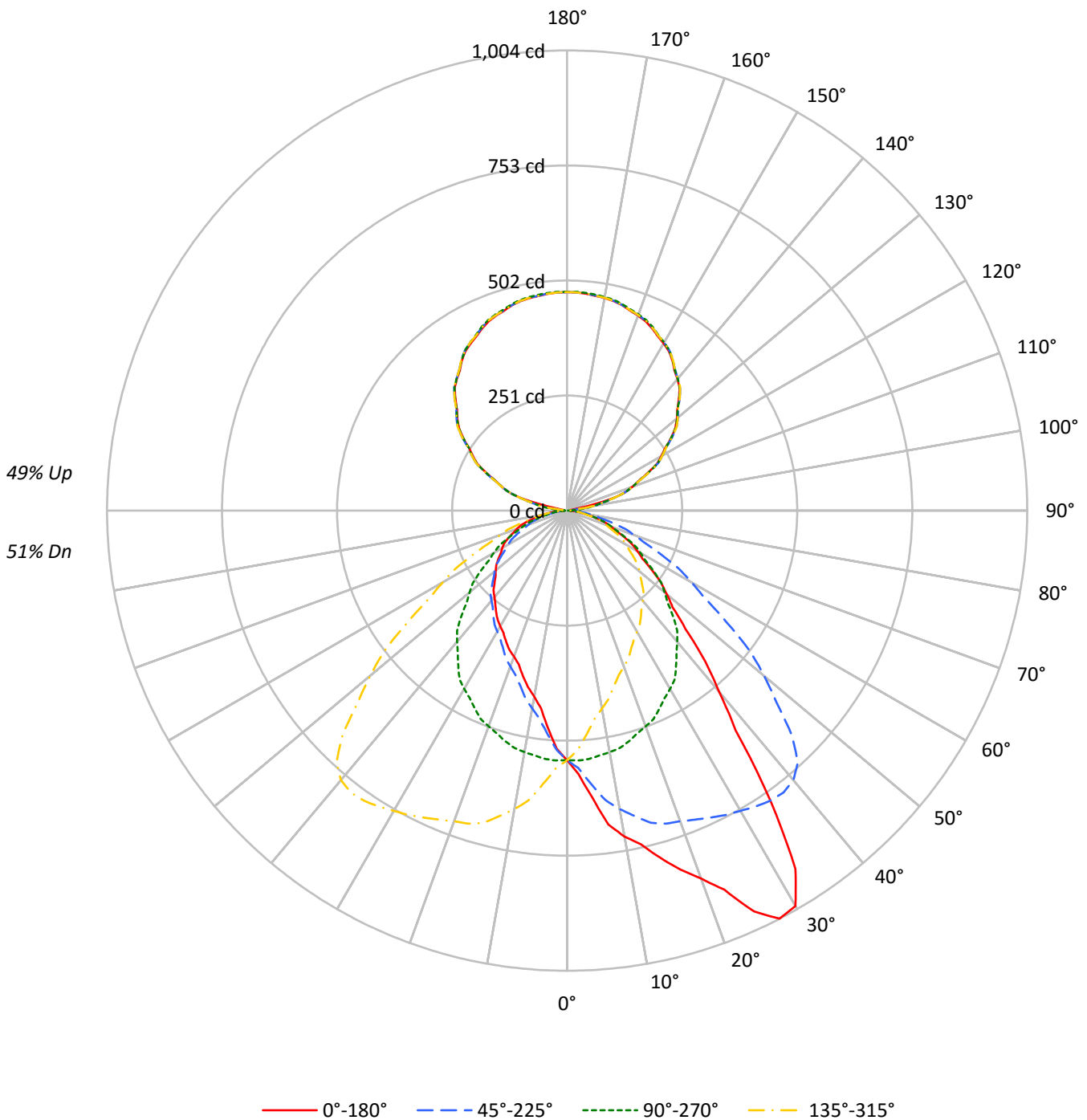
Input Watts (W): 20.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P333115

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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   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 |  | 70 | 70 | 70 |  | 57 | 57 | 57 | 51 |
| 1   | 98  | 94  | 90  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 69 |  | 62 | 60 | 59 |  | 51 | 50 | 49 | 44 |
| 2   | 90  | 82  | 76  | 71  | 83 | 76 | 71 | 67 | 65 | 61 | 58 |  | 55 | 52 | 49 |  | 45 | 43 | 41 | 37 |
| 3   | 82  | 73  | 65  | 60  | 75 | 67 | 61 | 56 | 58 | 53 | 49 |  | 49 | 45 | 42 |  | 40 | 38 | 35 | 31 |
| 4   | 75  | 64  | 56  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 |  | 43 | 39 | 36 |  | 36 | 33 | 31 | 27 |
| 5   | 69  | 57  | 49  | 43  | 63 | 53 | 46 | 41 | 46 | 40 | 36 |  | 39 | 35 | 31 |  | 32 | 29 | 27 | 24 |
| 6   | 63  | 51  | 43  | 38  | 59 | 48 | 41 | 36 | 41 | 36 | 32 |  | 35 | 31 | 28 |  | 29 | 26 | 24 | 21 |
| 7   | 59  | 46  | 39  | 33  | 54 | 43 | 36 | 31 | 38 | 32 | 28 |  | 32 | 28 | 24 |  | 27 | 24 | 21 | 18 |
| 8   | 54  | 42  | 34  | 29  | 50 | 39 | 33 | 28 | 34 | 29 | 25 |  | 29 | 25 | 22 |  | 25 | 21 | 19 | 16 |
| 9   | 51  | 39  | 31  | 26  | 47 | 36 | 29 | 25 | 31 | 26 | 22 |  | 27 | 23 | 20 |  | 23 | 19 | 17 | 15 |
| 10  | 47  | 35  | 28  | 23  | 44 | 33 | 27 | 22 | 29 | 24 | 20 |  | 25 | 21 | 18 |  | 21 | 18 | 15 | 13 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 3516 | 3516 | 3516 | 3516 |
| 5°  | 4071 | 3528 | 3089 | 3528 |
| 10° | 4737 | 3510 | 2706 | 3510 |
| 15° | 5243 | 3484 | 2497 | 3484 |
| 20° | 5869 | 3443 | 2328 | 3443 |
| 25° | 6876 | 3397 | 2246 | 3397 |
| 30° | 7427 | 3351 | 2175 | 3351 |
| 35° | 6106 | 3266 | 2128 | 3266 |
| 40° | 4340 | 3148 | 2076 | 3148 |
| 45° | 3335 | 2988 | 2047 | 2988 |
| 50° | 2846 | 2790 | 2043 | 2790 |
| 55° | 2535 | 2597 | 2061 | 2597 |
| 60° | 2286 | 2384 | 2113 | 2384 |
| 65° | 2112 | 2172 | 2168 | 2172 |
| 70° | 1920 | 1951 | 2200 | 1951 |
| 75° | 1694 | 1719 | 2178 | 1719 |
| 80° | 1428 | 1402 | 1993 | 1402 |
| 85° | 1134 | 1008 | 1608 | 1008 |



TEST NUMBER: P333115

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.4   | 1.7       |
| 10°-20°   | 156.0  | 5.2       |
| 20°-30°   | 253.4  | 8.4       |
| 30°-40°   | 309.1  | 10.3      |
| 40°-50°   | 281.2  | 9.4       |
| 50°-60°   | 224.0  | 7.5       |
| 60°-70°   | 156.0  | 5.2       |
| 70°-80°   | 83.2   | 2.8       |
| 80°-90°   | 22.0   | 0.7       |
| 90°-100°  | 17.3   | 0.6       |
| 100°-110° | 106.8  | 3.6       |
| 110°-120° | 193.7  | 6.5       |
| 120°-130° | 248.6  | 8.3       |
| 130°-140° | 267.4  | 8.9       |
| 140°-150° | 251.0  | 8.4       |
| 150°-160° | 203.0  | 6.8       |
| 160°-170° | 131.3  | 4.4       |
| 170°-180° | 45.3   | 1.5       |
| 0°-30°    | 461.8  | 15.4      |
| 0°-40°    | 770.9  | 25.7      |
| 0°-60°    | 1276.0 | 42.5      |
| 0°-90°    | 1537.2 | 51.2      |
| 90°-120°  | 317.8  | 10.6      |
| 90°-150°  | 1084.7 | 36.1      |
| 90°-180°  | 1464.0 | 48.8      |
| 0°-180°   | 3001.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 544 | 544 | 544  | 544  | 544  |      |
| 5°   | 628 | 544 | 476  | 544  | 628  | 63   |
| 15°  | 784 | 521 | 373  | 521  | 784  | 224  |
| 25°  | 965 | 477 | 315  | 477  | 965  | 441  |
| 35°  | 774 | 414 | 270  | 414  | 774  | 474  |
| 45°  | 365 | 327 | 224  | 327  | 365  | 292  |
| 55°  | 225 | 231 | 183  | 231  | 225  | 203  |
| 65°  | 138 | 142 | 142  | 142  | 138  | 137  |
| 75°  | 68  | 69  | 87   | 69   | 68   | 73   |
| 85°  | 15  | 14  | 22   | 14   | 15   | 18   |
| 90°  | 8   | 0   | 8    | 0    | 8    | 4    |
| 95°  | 7   | 20  | 7    | 20   | 7    | 6    |
| 105° | 105 | 104 | 105  | 104  | 105  | 95   |
| 115° | 194 | 195 | 194  | 195  | 194  | 192  |
| 125° | 278 | 278 | 278  | 278  | 278  | 247  |
| 135° | 345 | 346 | 345  | 346  | 345  | 266  |
| 145° | 400 | 401 | 400  | 401  | 400  | 250  |
| 155° | 439 | 442 | 439  | 442  | 439  | 202  |
| 165° | 464 | 466 | 464  | 466  | 464  | 131  |
| 175° | 475 | 477 | 475  | 477  | 475  | 45   |
| 180° | 477 | 477 | 477  | 477  | 477  |      |



TEST NUMBER: P333115

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.4  | 544.4  | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 |
| 2.5°   | 575.8  | 575.1  | 574.3 | 572.9 | 574.0 | 570.8 | 569.4 | 566.8 | 563.6 | 562.5 | 561.2 |
| 5°     | 628.0  | 629.2  | 630.4 | 625.5 | 626.0 | 622.7 | 615.3 | 609.3 | 604.5 | 598.2 | 593.8 |
| 7.5°   | 690.9  | 688.2  | 687.9 | 684.8 | 679.4 | 675.0 | 667.3 | 657.4 | 647.8 | 636.9 | 627.9 |
| 10°    | 722.3  | 722.6  | 720.5 | 716.8 | 711.0 | 706.8 | 696.7 | 687.0 | 675.2 | 661.3 | 651.4 |
| 12.5°  | 746.0  | 747.0  | 744.3 | 739.3 | 736.5 | 727.2 | 719.2 | 707.7 | 693.7 | 682.6 | 667.5 |
| 15°    | 784.2  | 781.7  | 779.9 | 773.6 | 768.8 | 759.1 | 746.4 | 734.3 | 719.1 | 705.0 | 690.9 |
| 17.5°  | 821.1  | 823.2  | 819.7 | 814.0 | 798.9 | 787.6 | 770.6 | 754.1 | 735.1 | 716.2 | 699.4 |
| 20°    | 854.0  | 855.9  | 850.6 | 840.6 | 822.6 | 811.3 | 788.9 | 767.6 | 745.7 | 721.4 | 702.9 |
| 22.5°  | 895.1  | 893.6  | 886.4 | 871.3 | 855.7 | 834.8 | 810.5 | 784.6 | 757.1 | 729.7 | 705.1 |
| 25°    | 964.9  | 955.2  | 950.8 | 932.1 | 911.6 | 880.8 | 847.6 | 809.7 | 775.5 | 739.2 | 707.8 |
| 27.5°  | 1003.7 | 1000.6 | 995.7 | 982.7 | 961.1 | 928.2 | 889.0 | 842.8 | 794.6 | 748.8 | 707.6 |
| 30°    | 995.9  | 996.4  | 996.8 | 992.7 | 978.8 | 954.1 | 915.0 | 865.4 | 808.0 | 756.5 | 708.9 |
| 32.5°  | 927.1  | 935.5  | 943.6 | 953.1 | 957.0 | 952.2 | 927.8 | 882.9 | 823.9 | 765.4 | 708.2 |
| 35°    | 774.5  | 777.1  | 803.2 | 829.1 | 864.2 | 891.5 | 909.7 | 889.8 | 840.2 | 772.9 | 707.3 |
| 37.5°  | 603.9  | 616.4  | 634.5 | 663.7 | 714.4 | 759.8 | 818.2 | 845.0 | 829.0 | 775.4 | 705.7 |
| 40°    | 514.8  | 526.4  | 538.2 | 568.0 | 610.7 | 665.7 | 732.0 | 788.6 | 801.8 | 767.6 | 700.1 |
| 42.5°  | 446.1  | 455.2  | 468.3 | 490.7 | 526.4 | 575.1 | 638.5 | 712.5 | 758.0 | 745.1 | 688.5 |
| 45°    | 365.1  | 370.9  | 381.0 | 398.8 | 424.7 | 462.8 | 518.7 | 599.6 | 670.1 | 693.4 | 660.9 |
| 47.5°  | 312.5  | 312.5  | 320.4 | 332.6 | 351.3 | 383.7 | 425.1 | 488.4 | 563.7 | 619.4 | 616.8 |
| 50°    | 283.3  | 282.1  | 288.4 | 299.0 | 313.8 | 335.3 | 374.8 | 425.4 | 497.7 | 560.8 | 578.4 |
| 52.5°  | 258.1  | 258.3  | 262.1 | 270.0 | 282.4 | 300.7 | 330.2 | 375.9 | 437.6 | 502.4 | 535.5 |
| 55°    | 225.1  | 224.1  | 228.5 | 233.8 | 242.9 | 254.9 | 276.1 | 311.0 | 361.2 | 424.9 | 467.9 |
| 57.5°  | 194.7  | 197.3  | 199.0 | 202.7 | 210.2 | 218.3 | 236.2 | 261.8 | 301.6 | 356.3 | 401.7 |
| 60°    | 177.0  | 179.5  | 180.9 | 184.6 | 190.6 | 197.6 | 211.4 | 232.2 | 265.7 | 312.9 | 357.9 |
| 62.5°  | 161.1  | 163.1  | 163.6 | 166.9 | 171.8 | 178.5 | 189.4 | 206.9 | 233.4 | 274.6 | 318.7 |
| 65°    | 138.2  | 138.2  | 139.1 | 142.6 | 144.9 | 150.9 | 159.2 | 171.9 | 193.2 | 225.3 | 263.0 |
| 67.5°  | 116.1  | 117.2  | 117.0 | 118.5 | 120.6 | 125.3 | 131.2 | 141.7 | 157.5 | 180.9 | 211.1 |
| 70°    | 101.7  | 102.6  | 102.4 | 103.5 | 105.8 | 108.8 | 113.7 | 123.6 | 134.9 | 155.0 | 180.9 |
| 72.5°  | 88.7   | 89.1   | 88.5  | 90.0  | 91.4  | 94.0  | 99.5  | 104.8 | 115.3 | 132.3 | 153.6 |
| 75°    | 67.9   | 68.4   | 68.9  | 69.8  | 71.2  | 72.6  | 75.3  | 80.6  | 87.6  | 100.3 | 113.9 |
| 77.5°  | 50.9   | 50.0   | 51.2  | 51.0  | 51.8  | 52.9  | 55.3  | 58.1  | 63.8  | 71.9  | 82.4  |
| 80°    | 38.4   | 38.6   | 38.6  | 38.8  | 40.0  | 40.7  | 42.7  | 44.8  | 49.2  | 55.2  | 62.6  |
| 82.5°  | 28.0   | 28.6   | 28.2  | 28.7  | 29.6  | 30.1  | 31.3  | 33.0  | 35.5  | 40.3  | 45.6  |
| 85°    | 15.3   | 14.1   | 14.6  | 15.0  | 15.0  | 15.3  | 16.2  | 16.9  | 18.3  | 20.1  | 22.2  |
| 87.5°  | 6.1    | 6.5    | 6.6   | 6.5   | 6.7   | 6.6   | 7.3   | 7.2   | 7.7   | 8.2   | 8.8   |
| 90°    | 8.5    | 8.2    | 8.0   | 7.8   | 7.5   | 7.2   | 6.8   | 6.4   | 6.0   | 5.7   | 5.1   |
| 92.5°  | 7.9    | 7.8    | 7.7   | 7.6   | 7.5   | 7.2   | 6.8   | 6.4   | 6.0   | 5.7   | 5.2   |
| 95°    | 7.4    | 7.4    | 7.4   | 7.4   | 7.4   | 7.2   | 6.8   | 6.4   | 6.0   | 5.7   | 8.6   |
| 97.5°  | 7.4    | 7.4    | 7.4   | 7.4   | 7.4   | 8.5   | 10.7  | 13.0  | 15.2  | 17.4  | 23.3  |
| 100°   | 7.4    | 7.7    | 8.1   | 8.4   | 8.7   | 14.7  | 26.4  | 38.1  | 49.8  | 61.5  | 61.2  |
| 102.5° | 44.5   | 49.8   | 55.2  | 60.5  | 65.8  | 69.6  | 71.8  | 74.0  | 76.3  | 78.5  | 78.3  |
| 105°   | 105.0  | 105.1  | 105.1 | 105.2 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 |
| 107.5° | 132.3  | 132.6  | 132.8 | 133.1 | 133.3 | 133.4 | 133.4 | 133.4 | 133.3 | 133.3 | 133.2 |
| 110°   | 151.3  | 151.2  | 151.1 | 151.1 | 151.0 | 151.1 | 151.3 | 151.5 | 151.8 | 152.0 | 151.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.3 | 168.4 | 168.5 | 168.6 | 168.7 | 168.9 | 169.2 | 169.5 | 169.8 | 170.1 | 170.0 |
| 115°   | 193.7 | 194.2 | 194.7 | 195.1 | 195.6 | 196.0 | 196.3 | 196.6 | 196.9 | 197.2 | 197.2 |
| 117.5° | 220.9 | 221.1 | 221.3 | 221.5 | 221.7 | 222.0 | 222.4 | 222.8 | 223.2 | 223.6 | 223.3 |
| 120°   | 237.5 | 237.9 | 238.3 | 238.7 | 239.1 | 239.4 | 239.5 | 239.7 | 239.9 | 240.0 | 239.8 |
| 122.5° | 253.4 | 253.8 | 254.3 | 254.7 | 255.2 | 255.5 | 255.7 | 255.8 | 256.0 | 256.1 | 256.0 |
| 125°   | 277.5 | 277.7 | 278.0 | 278.2 | 278.4 | 278.7 | 279.0 | 279.3 | 279.6 | 280.0 | 280.0 |
| 127.5° | 297.8 | 298.4 | 298.9 | 299.5 | 300.1 | 300.5 | 300.6 | 300.8 | 301.0 | 301.2 | 301.2 |
| 130°   | 312.5 | 312.9 | 313.3 | 313.7 | 314.0 | 314.4 | 314.6 | 314.8 | 315.1 | 315.3 | 315.2 |
| 132.5° | 326.1 | 326.4 | 326.8 | 327.2 | 327.6 | 327.8 | 327.9 | 327.9 | 328.0 | 328.0 | 328.2 |
| 135°   | 344.6 | 345.1 | 345.6 | 346.1 | 346.5 | 346.8 | 347.0 | 347.2 | 347.3 | 347.5 | 347.6 |
| 137.5° | 363.3 | 363.7 | 364.1 | 364.5 | 364.9 | 365.1 | 365.1 | 365.1 | 365.0 | 365.0 | 365.1 |
| 140°   | 374.3 | 374.8 | 375.3 | 375.8 | 376.2 | 376.4 | 376.2 | 376.1 | 375.9 | 375.8 | 375.8 |
| 142.5° | 384.8 | 385.3 | 385.7 | 386.2 | 386.7 | 386.9 | 386.9 | 386.8 | 386.8 | 386.8 | 386.7 |
| 145°   | 400.1 | 400.6 | 401.1 | 401.6 | 402.0 | 402.2 | 402.1 | 402.1 | 402.0 | 401.9 | 401.9 |
| 147.5° | 412.8 | 413.4 | 413.9 | 414.5 | 415.1 | 415.3 | 415.2 | 415.1 | 415.0 | 414.9 | 414.8 |
| 150°   | 421.0 | 421.6 | 422.3 | 422.9 | 423.5 | 423.7 | 423.6 | 423.4 | 423.3 | 423.1 | 423.0 |
| 152.5° | 428.6 | 429.2 | 429.8 | 430.3 | 430.9 | 431.1 | 430.9 | 430.8 | 430.6 | 430.5 | 430.3 |
| 155°   | 438.7 | 439.3 | 439.9 | 440.6 | 441.2 | 441.4 | 441.1 | 440.9 | 440.7 | 440.4 | 440.3 |
| 157.5° | 447.1 | 447.7 | 448.3 | 449.0 | 449.6 | 449.8 | 449.5 | 449.3 | 449.0 | 448.8 | 448.8 |
| 160°   | 452.5 | 453.1 | 453.7 | 454.3 | 455.0 | 455.1 | 454.8 | 454.5 | 454.2 | 453.9 | 453.8 |
| 162.5° | 457.3 | 458.0 | 458.6 | 459.3 | 460.0 | 460.2 | 459.7 | 459.3 | 458.8 | 458.4 | 458.3 |
| 165°   | 463.8 | 464.4 | 465.0 | 465.7 | 466.3 | 466.4 | 465.9 | 465.4 | 464.9 | 464.5 | 464.4 |
| 167.5° | 468.3 | 469.0 | 469.7 | 470.4 | 471.1 | 471.2 | 470.6 | 470.1 | 469.5 | 468.9 | 468.9 |
| 170°   | 470.8 | 471.5 | 472.3 | 473.0 | 473.7 | 473.7 | 473.1 | 472.4 | 471.8 | 471.2 | 471.1 |
| 172.5° | 472.5 | 473.2 | 473.9 | 474.7 | 475.4 | 475.4 | 474.9 | 474.3 | 473.7 | 473.2 | 473.0 |
| 175°   | 474.7 | 475.4 | 476.1 | 476.8 | 477.6 | 477.6 | 477.0 | 476.3 | 475.7 | 475.1 | 475.0 |
| 177.5° | 476.0 | 476.5 | 477.0 | 477.5 | 478.0 | 478.0 | 477.6 | 477.2 | 476.7 | 476.3 | 476.2 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 |
| 2.5°   | 560.1 | 558.8 | 557.3 | 554.7 | 551.6 | 549.9 | 547.4 | 545.7 | 542.4 | 539.6 | 536.6 |
| 5°     | 588.5 | 582.5 | 577.0 | 569.8 | 562.0 | 556.9 | 550.9 | 544.2 | 537.2 | 530.1 | 522.2 |
| 7.5°   | 618.0 | 607.3 | 595.8 | 583.4 | 571.2 | 560.0 | 549.3 | 538.9 | 529.1 | 517.2 | 507.2 |
| 10°    | 637.7 | 624.3 | 610.0 | 593.2 | 576.7 | 562.4 | 547.9 | 535.2 | 522.2 | 508.4 | 496.1 |
| 12.5°  | 657.5 | 639.7 | 619.4 | 600.9 | 581.2 | 563.9 | 546.8 | 530.5 | 514.3 | 498.9 | 484.6 |
| 15°    | 671.5 | 655.8 | 637.1 | 610.7 | 588.5 | 564.7 | 542.1 | 521.1 | 501.4 | 484.3 | 466.3 |
| 17.5°  | 680.7 | 660.4 | 640.3 | 615.1 | 586.0 | 559.4 | 533.7 | 509.6 | 487.5 | 465.8 | 448.5 |
| 20°    | 682.3 | 661.5 | 640.5 | 615.8 | 586.0 | 555.5 | 529.8 | 501.0 | 477.2 | 454.7 | 433.5 |
| 22.5°  | 681.8 | 658.2 | 635.3 | 609.9 | 580.8 | 552.7 | 521.7 | 492.3 | 466.4 | 444.4 | 422.2 |
| 25°    | 676.6 | 651.4 | 622.7 | 597.1 | 568.4 | 538.6 | 507.2 | 476.7 | 450.4 | 425.2 | 403.2 |
| 27.5°  | 672.2 | 639.6 | 607.1 | 577.2 | 549.5 | 522.2 | 492.1 | 460.9 | 431.7 | 406.2 | 385.5 |
| 30°    | 666.9 | 631.0 | 594.5 | 563.3 | 534.9 | 508.4 | 479.9 | 449.4 | 418.9 | 394.0 | 371.8 |
| 32.5°  | 662.1 | 620.3 | 581.8 | 547.8 | 517.7 | 491.9 | 465.7 | 436.7 | 406.7 | 381.4 | 359.2 |
| 35°    | 652.8 | 604.5 | 560.3 | 522.0 | 489.9 | 463.3 | 441.3 | 414.3 | 386.8 | 362.3 | 341.1 |
| 37.5°  | 641.0 | 583.7 | 536.3 | 496.1 | 460.9 | 432.9 | 412.5 | 391.7 | 365.3 | 341.7 | 322.5 |
| 40°    | 631.7 | 568.9 | 518.7 | 477.6 | 441.1 | 412.0 | 393.0 | 373.4 | 351.5 | 329.5 | 309.2 |
| 42.5°  | 620.1 | 555.6 | 501.0 | 456.7 | 420.6 | 392.2 | 372.3 | 355.7 | 336.3 | 315.8 | 297.0 |
| 45°    | 598.7 | 531.5 | 472.3 | 424.7 | 388.2 | 360.2 | 339.7 | 327.2 | 312.6 | 293.2 | 277.3 |
| 47.5°  | 567.2 | 502.5 | 441.3 | 392.2 | 354.5 | 328.6 | 309.3 | 297.3 | 287.1 | 272.7 | 258.2 |
| 50°    | 539.3 | 480.9 | 418.9 | 370.2 | 332.5 | 306.4 | 288.6 | 277.7 | 269.0 | 257.9 | 245.6 |
| 52.5°  | 508.1 | 453.7 | 396.9 | 348.7 | 311.4 | 285.7 | 268.3 | 258.7 | 251.4 | 243.5 | 231.4 |
| 55°    | 458.4 | 412.2 | 359.5 | 313.8 | 279.4 | 254.2 | 238.9 | 230.6 | 224.6 | 218.6 | 211.2 |
| 57.5°  | 403.8 | 367.6 | 321.0 | 279.1 | 247.4 | 224.5 | 210.3 | 202.2 | 197.5 | 194.4 | 190.1 |
| 60°    | 365.3 | 334.4 | 294.2 | 256.0 | 225.1 | 204.7 | 190.9 | 184.6 | 180.7 | 178.2 | 174.9 |
| 62.5°  | 329.6 | 304.2 | 267.0 | 232.2 | 205.1 | 185.9 | 173.5 | 167.4 | 163.7 | 162.4 | 159.8 |
| 65°    | 277.1 | 257.4 | 226.7 | 197.8 | 174.7 | 158.3 | 147.9 | 142.1 | 139.8 | 138.4 | 138.6 |
| 67.5°  | 225.2 | 213.3 | 188.6 | 164.0 | 145.5 | 131.8 | 123.4 | 119.0 | 117.8 | 116.0 | 116.0 |
| 70°    | 193.6 | 184.6 | 163.8 | 142.3 | 125.9 | 115.3 | 107.9 | 103.3 | 102.1 | 101.2 | 101.0 |
| 72.5°  | 165.7 | 157.8 | 139.8 | 122.6 | 107.8 | 98.5  | 92.4  | 89.6  | 87.7  | 87.2  | 87.1  |
| 75°    | 124.5 | 120.2 | 105.8 | 92.2  | 82.0  | 75.6  | 71.4  | 68.9  | 67.5  | 67.2  | 67.5  |
| 77.5°  | 88.5  | 84.7  | 75.6  | 65.9  | 59.5  | 54.6  | 51.1  | 50.2  | 48.7  | 48.7  | 48.5  |
| 80°    | 66.5  | 64.0  | 58.2  | 50.6  | 45.3  | 41.1  | 39.3  | 37.7  | 37.2  | 36.5  | 37.2  |
| 82.5°  | 48.2  | 45.5  | 41.6  | 36.7  | 32.3  | 29.9  | 28.0  | 27.5  | 27.2  | 26.9  | 27.0  |
| 85°    | 23.8  | 24.0  | 21.7  | 18.0  | 16.2  | 14.8  | 13.6  | 13.6  | 13.4  | 13.2  | 13.4  |
| 87.5°  | 9.0   | 8.6   | 7.7   | 7.0   | 6.0   | 5.3   | 5.0   | 5.1   | 4.6   | 4.6   | 4.9   |
| 90°    | 4.6   | 4.0   | 3.5   | 2.9   | 2.2   | 1.6   | 1.0   | 0.4   | 1.0   | 1.6   | 2.2   |
| 92.5°  | 4.7   | 4.2   | 3.7   | 3.7   | 4.1   | 4.6   | 5.0   | 5.4   | 5.0   | 4.6   | 4.1   |
| 95°    | 11.6  | 14.6  | 17.6  | 19.2  | 19.4  | 19.7  | 19.9  | 20.1  | 19.9  | 19.7  | 19.4  |
| 97.5°  | 29.2  | 35.1  | 41.0  | 43.8  | 43.3  | 42.9  | 42.5  | 42.1  | 42.5  | 42.9  | 43.3  |
| 100°   | 60.9  | 60.6  | 60.2  | 60.0  | 59.7  | 59.5  | 59.3  | 59.0  | 59.3  | 59.5  | 59.7  |
| 102.5° | 78.1  | 77.9  | 77.7  | 77.5  | 77.2  | 76.9  | 76.6  | 76.3  | 76.6  | 76.9  | 77.2  |
| 105°   | 105.3 | 105.3 | 105.3 | 105.2 | 104.9 | 104.6 | 104.2 | 103.9 | 104.2 | 104.6 | 104.9 |
| 107.5° | 133.0 | 132.9 | 132.7 | 132.6 | 132.6 | 132.6 | 132.6 | 132.6 | 132.6 | 132.6 | 132.6 |
| 110°   | 151.7 | 151.5 | 151.4 | 151.3 | 151.3 | 151.3 | 151.3 | 151.3 | 151.3 | 151.3 | 151.3 |





TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.9 | 169.8 | 169.7 | 169.6 | 169.4 | 169.2 | 169.0 | 168.8 | 169.0 | 169.2 | 169.4 |
| 115°   | 197.1 | 197.0 | 196.9 | 196.7 | 196.3 | 195.9 | 195.5 | 195.1 | 195.5 | 195.9 | 196.3 |
| 117.5° | 223.0 | 222.7 | 222.4 | 222.3 | 222.3 | 222.3 | 222.3 | 222.3 | 222.3 | 222.3 | 222.3 |
| 120°   | 239.5 | 239.3 | 239.1 | 239.0 | 239.1 | 239.2 | 239.2 | 239.3 | 239.2 | 239.2 | 239.1 |
| 122.5° | 255.9 | 255.8 | 255.7 | 255.5 | 255.2 | 254.9 | 254.6 | 254.3 | 254.6 | 254.9 | 255.2 |
| 125°   | 280.0 | 280.0 | 280.0 | 279.7 | 279.1 | 278.6 | 278.0 | 277.5 | 278.0 | 278.6 | 279.1 |
| 127.5° | 301.3 | 301.3 | 301.4 | 301.2 | 300.8 | 300.4 | 300.0 | 299.6 | 300.0 | 300.4 | 300.8 |
| 130°   | 315.1 | 315.1 | 315.0 | 314.8 | 314.4 | 314.0 | 313.6 | 313.2 | 313.6 | 314.0 | 314.4 |
| 132.5° | 328.4 | 328.6 | 328.7 | 328.6 | 328.1 | 327.7 | 327.2 | 326.8 | 327.2 | 327.7 | 328.1 |
| 135°   | 347.8 | 347.9 | 348.1 | 347.9 | 347.5 | 347.0 | 346.5 | 346.1 | 346.5 | 347.0 | 347.5 |
| 137.5° | 365.3 | 365.4 | 365.6 | 365.4 | 365.0 | 364.6 | 364.2 | 363.8 | 364.2 | 364.6 | 365.0 |
| 140°   | 375.9 | 376.0 | 376.1 | 376.0 | 375.9 | 375.7 | 375.6 | 375.4 | 375.6 | 375.7 | 375.9 |
| 142.5° | 386.6 | 386.5 | 386.3 | 386.2 | 386.1 | 386.1 | 386.0 | 385.9 | 386.0 | 386.1 | 386.1 |
| 145°   | 401.9 | 401.9 | 401.9 | 401.8 | 401.7 | 401.5 | 401.4 | 401.2 | 401.4 | 401.5 | 401.7 |
| 147.5° | 414.7 | 414.6 | 414.5 | 414.5 | 414.5 | 414.6 | 414.6 | 414.6 | 414.6 | 414.6 | 414.5 |
| 150°   | 422.8 | 422.6 | 422.5 | 422.5 | 422.6 | 422.8 | 423.0 | 423.1 | 423.0 | 422.8 | 422.6 |
| 152.5° | 430.2 | 430.0 | 429.8 | 429.9 | 430.3 | 430.6 | 431.0 | 431.3 | 431.0 | 430.6 | 430.3 |
| 155°   | 440.1 | 440.0 | 439.8 | 440.0 | 440.4 | 440.9 | 441.4 | 441.9 | 441.4 | 440.9 | 440.4 |
| 157.5° | 448.8 | 448.7 | 448.7 | 448.9 | 449.1 | 449.4 | 449.7 | 450.0 | 449.7 | 449.4 | 449.1 |
| 160°   | 453.7 | 453.6 | 453.6 | 453.8 | 454.2 | 454.7 | 455.2 | 455.6 | 455.2 | 454.7 | 454.2 |
| 162.5° | 458.2 | 458.2 | 458.1 | 458.3 | 458.7 | 459.2 | 459.7 | 460.2 | 459.7 | 459.2 | 458.7 |
| 165°   | 464.3 | 464.2 | 464.2 | 464.4 | 464.8 | 465.3 | 465.8 | 466.2 | 465.8 | 465.3 | 464.8 |
| 167.5° | 468.8 | 468.7 | 468.6 | 468.8 | 469.3 | 469.8 | 470.3 | 470.8 | 470.3 | 469.8 | 469.3 |
| 170°   | 471.0 | 471.0 | 470.9 | 471.1 | 471.7 | 472.2 | 472.8 | 473.3 | 472.8 | 472.2 | 471.7 |
| 172.5° | 472.9 | 472.7 | 472.6 | 472.8 | 473.4 | 473.9 | 474.5 | 475.0 | 474.5 | 473.9 | 473.4 |
| 175°   | 474.9 | 474.8 | 474.8 | 475.0 | 475.4 | 475.9 | 476.4 | 476.8 | 476.4 | 475.9 | 475.4 |
| 177.5° | 476.2 | 476.1 | 476.0 | 476.2 | 476.6 | 476.9 | 477.3 | 477.7 | 477.3 | 476.9 | 476.6 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 |
| 2.5°   | 535.0 | 532.9 | 531.3 | 527.6 | 525.5 | 522.8 | 520.6 | 523.0 | 520.4 | 521.5 | 519.8 |
| 5°     | 518.3 | 511.8 | 507.2 | 500.5 | 494.7 | 489.4 | 485.5 | 484.8 | 482.9 | 482.0 | 479.2 |
| 7.5°   | 498.2 | 490.1 | 482.2 | 473.4 | 466.0 | 458.5 | 453.7 | 449.7 | 447.1 | 443.6 | 441.2 |
| 10°    | 486.4 | 475.5 | 466.3 | 455.7 | 446.4 | 438.3 | 431.9 | 428.6 | 425.6 | 421.2 | 419.6 |
| 12.5°  | 471.8 | 460.6 | 449.3 | 437.9 | 429.0 | 420.0 | 414.5 | 409.6 | 407.5 | 402.6 | 402.1 |
| 15°    | 454.3 | 437.4 | 426.3 | 414.8 | 402.5 | 395.1 | 390.5 | 385.2 | 382.9 | 379.4 | 376.9 |
| 17.5°  | 433.4 | 418.3 | 404.5 | 392.5 | 382.0 | 375.8 | 370.0 | 366.4 | 362.4 | 360.1 | 356.0 |
| 20°    | 418.2 | 403.9 | 390.0 | 377.3 | 369.2 | 362.1 | 357.5 | 354.0 | 349.8 | 348.7 | 344.5 |
| 22.5°  | 405.5 | 389.7 | 376.4 | 365.7 | 356.9 | 348.8 | 343.8 | 341.4 | 338.6 | 335.0 | 334.2 |
| 25°    | 384.7 | 368.3 | 357.0 | 346.4 | 338.5 | 331.1 | 327.7 | 324.7 | 321.9 | 319.3 | 318.4 |
| 27.5°  | 366.8 | 352.1 | 338.7 | 329.1 | 322.2 | 315.5 | 312.5 | 308.8 | 306.8 | 304.7 | 302.2 |
| 30°    | 354.2 | 339.2 | 327.4 | 318.2 | 310.8 | 304.8 | 301.5 | 299.0 | 297.2 | 295.3 | 293.9 |
| 32.5°  | 341.3 | 327.4 | 316.0 | 306.9 | 299.5 | 295.0 | 292.1 | 290.3 | 288.3 | 286.1 | 284.3 |
| 35°    | 324.2 | 308.9 | 297.8 | 290.0 | 284.2 | 280.7 | 277.5 | 275.9 | 273.6 | 273.6 | 271.7 |
| 37.5°  | 304.9 | 291.7 | 281.9 | 274.8 | 269.6 | 266.5 | 263.0 | 261.9 | 260.4 | 259.4 | 258.8 |
| 40°    | 293.5 | 281.2 | 272.0 | 264.8 | 259.3 | 256.7 | 253.9 | 252.1 | 251.2 | 250.0 | 249.6 |
| 42.5°  | 281.6 | 269.9 | 261.1 | 254.5 | 249.6 | 247.5 | 244.9 | 243.6 | 241.7 | 240.2 | 239.9 |
| 45°    | 263.6 | 252.3 | 244.2 | 238.9 | 234.8 | 232.2 | 230.6 | 227.8 | 226.9 | 225.1 | 224.8 |
| 47.5°  | 246.6 | 235.7 | 227.8 | 223.4 | 219.8 | 217.7 | 215.2 | 212.4 | 211.3 | 210.4 | 210.3 |
| 50°    | 233.8 | 223.9 | 216.5 | 212.4 | 208.9 | 205.9 | 203.3 | 201.5 | 200.8 | 200.8 | 201.3 |
| 52.5°  | 220.9 | 212.4 | 206.2 | 201.1 | 197.8 | 194.6 | 192.2 | 191.1 | 190.1 | 191.2 | 192.0 |
| 55°    | 202.0 | 193.4 | 188.8 | 183.9 | 180.7 | 177.0 | 175.8 | 175.4 | 174.7 | 176.5 | 177.5 |
| 57.5°  | 181.9 | 175.9 | 170.5 | 165.7 | 162.8 | 160.6 | 159.1 | 158.8 | 160.1 | 161.0 | 164.0 |
| 60°    | 169.1 | 162.2 | 157.4 | 153.7 | 150.2 | 148.8 | 148.3 | 147.9 | 148.8 | 151.3 | 155.3 |
| 62.5°  | 155.1 | 149.5 | 144.2 | 141.5 | 138.9 | 136.6 | 136.5 | 136.8 | 138.6 | 141.6 | 145.5 |
| 65°    | 134.5 | 129.6 | 126.2 | 122.9 | 120.8 | 119.5 | 119.9 | 120.8 | 122.9 | 126.9 | 131.2 |
| 67.5°  | 113.5 | 110.2 | 107.1 | 104.5 | 102.5 | 102.5 | 103.0 | 104.4 | 106.8 | 111.3 | 115.3 |
| 70°    | 100.1 | 96.4  | 93.8  | 92.7  | 91.0  | 90.1  | 91.5  | 93.8  | 95.9  | 100.1 | 103.5 |
| 72.5°  | 86.6  | 83.4  | 81.4  | 80.6  | 79.9  | 79.2  | 79.7  | 82.2  | 85.0  | 89.1  | 93.2  |
| 75°    | 66.5  | 65.4  | 64.0  | 63.1  | 62.4  | 62.9  | 63.3  | 65.6  | 67.9  | 72.3  | 76.9  |
| 77.5°  | 48.6  | 47.4  | 46.5  | 46.3  | 45.9  | 46.2  | 47.5  | 49.2  | 51.4  | 54.6  | 58.1  |
| 80°    | 36.7  | 36.3  | 35.8  | 35.6  | 35.6  | 35.8  | 37.7  | 38.8  | 40.9  | 43.9  | 46.7  |
| 82.5°  | 26.8  | 26.5  | 26.4  | 26.3  | 26.5  | 26.6  | 27.7  | 29.2  | 30.9  | 33.2  | 35.6  |
| 85°    | 14.1  | 13.6  | 14.3  | 14.6  | 14.1  | 14.8  | 15.3  | 16.2  | 16.9  | 18.0  | 19.2  |
| 87.5°  | 5.2   | 5.7   | 5.6   | 5.9   | 6.0   | 6.5   | 6.4   | 7.2   | 7.7   | 8.1   | 8.0   |
| 90°    | 2.9   | 3.5   | 4.0   | 4.6   | 5.1   | 5.7   | 6.0   | 6.4   | 6.8   | 7.2   | 7.5   |
| 92.5°  | 3.7   | 3.7   | 4.2   | 4.7   | 5.2   | 5.7   | 6.0   | 6.4   | 6.8   | 7.2   | 7.5   |
| 95°    | 19.2  | 17.6  | 14.6  | 11.6  | 8.6   | 5.7   | 6.0   | 6.4   | 6.8   | 7.2   | 7.4   |
| 97.5°  | 43.8  | 41.0  | 35.1  | 29.2  | 23.3  | 17.4  | 15.2  | 13.0  | 10.7  | 8.5   | 7.4   |
| 100°   | 60.0  | 60.2  | 60.6  | 60.9  | 61.2  | 61.5  | 49.8  | 38.1  | 26.4  | 14.7  | 8.7   |
| 102.5° | 77.5  | 77.7  | 77.9  | 78.1  | 78.3  | 78.5  | 76.3  | 74.0  | 71.8  | 69.6  | 65.8  |
| 105°   | 105.2 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 |
| 107.5° | 132.6 | 132.7 | 132.9 | 133.0 | 133.2 | 133.3 | 133.3 | 133.4 | 133.4 | 133.4 | 133.3 |
| 110°   | 151.3 | 151.4 | 151.5 | 151.7 | 151.8 | 152.0 | 151.8 | 151.5 | 151.3 | 151.1 | 151.0 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.6 | 169.7 | 169.8 | 169.9 | 170.0 | 170.1 | 169.8 | 169.5 | 169.2 | 168.9 | 168.7 |
| 115°   | 196.7 | 196.9 | 197.0 | 197.1 | 197.2 | 197.2 | 196.9 | 196.6 | 196.3 | 196.0 | 195.6 |
| 117.5° | 222.3 | 222.4 | 222.7 | 223.0 | 223.3 | 223.6 | 223.2 | 222.8 | 222.4 | 222.0 | 221.7 |
| 120°   | 239.0 | 239.1 | 239.3 | 239.5 | 239.8 | 240.0 | 239.9 | 239.7 | 239.5 | 239.4 | 239.1 |
| 122.5° | 255.5 | 255.7 | 255.8 | 255.9 | 256.0 | 256.1 | 256.0 | 255.8 | 255.7 | 255.5 | 255.2 |
| 125°   | 279.7 | 280.0 | 280.0 | 280.0 | 280.0 | 280.0 | 279.6 | 279.3 | 279.0 | 278.7 | 278.4 |
| 127.5° | 301.2 | 301.4 | 301.3 | 301.3 | 301.2 | 301.2 | 301.0 | 300.8 | 300.6 | 300.5 | 300.1 |
| 130°   | 314.8 | 315.0 | 315.1 | 315.1 | 315.2 | 315.3 | 315.1 | 314.8 | 314.6 | 314.4 | 314.0 |
| 132.5° | 328.6 | 328.7 | 328.6 | 328.4 | 328.2 | 328.0 | 328.0 | 327.9 | 327.9 | 327.8 | 327.6 |
| 135°   | 347.9 | 348.1 | 347.9 | 347.8 | 347.6 | 347.5 | 347.3 | 347.2 | 347.0 | 346.8 | 346.5 |
| 137.5° | 365.4 | 365.6 | 365.4 | 365.3 | 365.1 | 365.0 | 365.0 | 365.1 | 365.1 | 365.1 | 364.9 |
| 140°   | 376.0 | 376.1 | 376.0 | 375.9 | 375.8 | 375.8 | 375.9 | 376.1 | 376.2 | 376.4 | 376.2 |
| 142.5° | 386.2 | 386.3 | 386.5 | 386.6 | 386.7 | 386.8 | 386.8 | 386.8 | 386.9 | 386.9 | 386.7 |
| 145°   | 401.8 | 401.9 | 401.9 | 401.9 | 401.9 | 401.9 | 402.0 | 402.1 | 402.1 | 402.2 | 402.0 |
| 147.5° | 414.5 | 414.5 | 414.6 | 414.7 | 414.8 | 414.9 | 415.0 | 415.1 | 415.2 | 415.3 | 415.1 |
| 150°   | 422.5 | 422.5 | 422.6 | 422.8 | 423.0 | 423.1 | 423.3 | 423.4 | 423.6 | 423.7 | 423.5 |
| 152.5° | 429.9 | 429.8 | 430.0 | 430.2 | 430.3 | 430.5 | 430.6 | 430.8 | 430.9 | 431.1 | 430.9 |
| 155°   | 440.0 | 439.8 | 440.0 | 440.1 | 440.3 | 440.4 | 440.7 | 440.9 | 441.1 | 441.4 | 441.2 |
| 157.5° | 448.9 | 448.7 | 448.7 | 448.8 | 448.8 | 448.8 | 449.0 | 449.3 | 449.5 | 449.8 | 449.6 |
| 160°   | 453.8 | 453.6 | 453.6 | 453.7 | 453.8 | 453.9 | 454.2 | 454.5 | 454.8 | 455.1 | 455.0 |
| 162.5° | 458.3 | 458.1 | 458.2 | 458.2 | 458.3 | 458.4 | 458.8 | 459.3 | 459.7 | 460.2 | 460.0 |
| 165°   | 464.4 | 464.2 | 464.2 | 464.3 | 464.4 | 464.5 | 464.9 | 465.4 | 465.9 | 466.4 | 466.3 |
| 167.5° | 468.8 | 468.6 | 468.7 | 468.8 | 468.9 | 468.9 | 469.5 | 470.1 | 470.6 | 471.2 | 471.1 |
| 170°   | 471.1 | 470.9 | 471.0 | 471.0 | 471.1 | 471.2 | 471.8 | 472.4 | 473.1 | 473.7 | 473.7 |
| 172.5° | 472.8 | 472.6 | 472.7 | 472.9 | 473.0 | 473.2 | 473.7 | 474.3 | 474.9 | 475.4 | 475.4 |
| 175°   | 475.0 | 474.8 | 474.8 | 474.9 | 475.0 | 475.1 | 475.7 | 476.3 | 477.0 | 477.6 | 477.6 |
| 177.5° | 476.2 | 476.0 | 476.1 | 476.2 | 476.2 | 476.3 | 476.7 | 477.2 | 477.6 | 478.0 | 478.0 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 |
| 2.5°   | 518.7 | 520.0 | 518.9 | 520.4 | 518.9 | 520.0 | 518.7 | 519.8 | 521.5 | 520.4 | 523.0 |
| 5°     | 478.1 | 476.0 | 477.4 | 476.5 | 477.4 | 476.0 | 478.1 | 479.2 | 482.0 | 482.9 | 484.8 |
| 7.5°   | 440.6 | 438.6 | 436.3 | 435.2 | 436.3 | 438.6 | 440.6 | 441.2 | 443.6 | 447.1 | 449.7 |
| 10°    | 417.1 | 414.5 | 414.3 | 412.7 | 414.3 | 414.5 | 417.1 | 419.6 | 421.2 | 425.6 | 428.6 |
| 12.5°  | 399.9 | 397.5 | 394.9 | 394.2 | 394.9 | 397.5 | 399.9 | 402.1 | 402.6 | 407.5 | 409.6 |
| 15°    | 375.5 | 373.6 | 372.0 | 373.4 | 372.0 | 373.6 | 375.5 | 376.9 | 379.4 | 382.9 | 385.2 |
| 17.5°  | 355.2 | 353.7 | 353.4 | 351.7 | 353.4 | 353.7 | 355.2 | 356.0 | 360.1 | 362.4 | 366.4 |
| 20°    | 342.4 | 341.3 | 341.8 | 338.7 | 341.8 | 341.3 | 342.4 | 344.5 | 348.7 | 349.8 | 354.0 |
| 22.5°  | 332.3 | 330.0 | 329.7 | 329.1 | 329.7 | 330.0 | 332.3 | 334.2 | 335.0 | 338.6 | 341.4 |
| 25°    | 316.3 | 315.2 | 314.0 | 315.2 | 314.0 | 315.2 | 316.3 | 318.4 | 319.3 | 321.9 | 324.7 |
| 27.5°  | 302.4 | 301.0 | 300.7 | 300.9 | 300.7 | 301.0 | 302.4 | 302.2 | 304.7 | 306.8 | 308.8 |
| 30°    | 293.9 | 291.6 | 291.8 | 291.6 | 291.8 | 291.6 | 293.9 | 293.9 | 295.3 | 297.2 | 299.0 |
| 32.5°  | 284.7 | 283.1 | 282.8 | 282.4 | 282.8 | 283.1 | 284.7 | 284.3 | 286.1 | 288.3 | 290.3 |
| 35°    | 271.0 | 271.0 | 269.9 | 269.9 | 269.9 | 271.0 | 271.0 | 271.7 | 273.6 | 273.6 | 275.9 |
| 37.5°  | 258.2 | 258.0 | 257.3 | 257.4 | 257.3 | 258.0 | 258.2 | 258.8 | 259.4 | 260.4 | 261.9 |
| 40°    | 248.6 | 248.4 | 247.7 | 246.3 | 247.7 | 248.4 | 248.6 | 249.6 | 250.0 | 251.2 | 252.1 |
| 42.5°  | 239.4 | 238.6 | 238.3 | 237.8 | 238.3 | 238.6 | 239.4 | 239.9 | 240.2 | 241.7 | 243.6 |
| 45°    | 224.8 | 224.8 | 224.4 | 224.1 | 224.4 | 224.8 | 224.8 | 224.8 | 225.1 | 226.9 | 227.8 |
| 47.5°  | 210.7 | 211.1 | 212.0 | 211.8 | 212.0 | 211.1 | 210.7 | 210.3 | 210.4 | 211.3 | 212.4 |
| 50°    | 202.2 | 202.4 | 203.1 | 203.3 | 203.1 | 202.4 | 202.2 | 201.3 | 200.8 | 200.8 | 201.5 |
| 52.5°  | 192.8 | 194.1 | 195.0 | 194.8 | 195.0 | 194.1 | 192.8 | 192.0 | 191.2 | 190.1 | 191.1 |
| 55°    | 179.5 | 181.2 | 182.8 | 183.0 | 182.8 | 181.2 | 179.5 | 177.5 | 176.5 | 174.7 | 175.4 |
| 57.5°  | 166.5 | 168.7 | 170.4 | 171.0 | 170.4 | 168.7 | 166.5 | 164.0 | 161.0 | 160.1 | 158.8 |
| 60°    | 157.6 | 160.6 | 162.7 | 163.6 | 162.7 | 160.6 | 157.6 | 155.3 | 151.3 | 148.8 | 147.9 |
| 62.5°  | 149.1 | 152.5 | 154.5 | 154.7 | 154.5 | 152.5 | 149.1 | 145.5 | 141.6 | 138.6 | 136.8 |
| 65°    | 135.2 | 138.6 | 140.5 | 141.9 | 140.5 | 138.6 | 135.2 | 131.2 | 126.9 | 122.9 | 120.8 |
| 67.5°  | 120.2 | 123.7 | 125.7 | 126.8 | 125.7 | 123.7 | 120.2 | 115.3 | 111.3 | 106.8 | 104.4 |
| 70°    | 109.3 | 112.8 | 115.5 | 116.5 | 115.5 | 112.8 | 109.3 | 103.5 | 100.1 | 95.9  | 93.8  |
| 72.5°  | 98.6  | 101.7 | 103.9 | 105.0 | 103.9 | 101.7 | 98.6  | 93.2  | 89.1  | 85.0  | 82.2  |
| 75°    | 79.9  | 84.1  | 86.2  | 87.3  | 86.2  | 84.1  | 79.9  | 76.9  | 72.3  | 67.9  | 65.6  |
| 77.5°  | 61.6  | 65.4  | 66.7  | 67.3  | 66.7  | 65.4  | 61.6  | 58.1  | 54.6  | 51.4  | 49.2  |
| 80°    | 49.4  | 51.8  | 53.4  | 53.6  | 53.4  | 51.8  | 49.4  | 46.7  | 43.9  | 40.9  | 38.8  |
| 82.5°  | 38.0  | 39.9  | 40.4  | 41.0  | 40.4  | 39.9  | 38.0  | 35.6  | 33.2  | 30.9  | 29.2  |
| 85°    | 20.8  | 21.7  | 22.0  | 21.7  | 22.0  | 21.7  | 20.8  | 19.2  | 18.0  | 16.9  | 16.2  |
| 87.5°  | 8.4   | 8.3   | 8.3   | 8.7   | 8.3   | 8.3   | 8.4   | 8.0   | 8.1   | 7.7   | 7.2   |
| 90°    | 7.8   | 8.0   | 8.2   | 8.5   | 8.2   | 8.0   | 7.8   | 7.5   | 7.2   | 6.8   | 6.4   |
| 92.5°  | 7.6   | 7.7   | 7.8   | 7.9   | 7.8   | 7.7   | 7.6   | 7.5   | 7.2   | 6.8   | 6.4   |
| 95°    | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.2   | 6.8   | 6.4   |
| 97.5°  | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 8.5   | 10.7  | 13.0  |
| 100°   | 8.4   | 8.1   | 7.7   | 7.4   | 7.7   | 8.1   | 8.4   | 8.7   | 14.7  | 26.4  | 38.1  |
| 102.5° | 60.5  | 55.2  | 49.8  | 44.5  | 49.8  | 55.2  | 60.5  | 65.8  | 69.6  | 71.8  | 74.0  |
| 105°   | 105.2 | 105.1 | 105.1 | 105.0 | 105.1 | 105.1 | 105.2 | 105.3 | 105.3 | 105.3 | 105.3 |
| 107.5° | 133.1 | 132.8 | 132.6 | 132.3 | 132.6 | 132.8 | 133.1 | 133.3 | 133.4 | 133.4 | 133.4 |
| 110°   | 151.1 | 151.1 | 151.2 | 151.3 | 151.2 | 151.1 | 151.1 | 151.0 | 151.1 | 151.3 | 151.5 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.6 | 168.5 | 168.4 | 168.3 | 168.4 | 168.5 | 168.6 | 168.7 | 168.9 | 169.2 | 169.5 |
| 115°   | 195.1 | 194.7 | 194.2 | 193.7 | 194.2 | 194.7 | 195.1 | 195.6 | 196.0 | 196.3 | 196.6 |
| 117.5° | 221.5 | 221.3 | 221.1 | 220.9 | 221.1 | 221.3 | 221.5 | 221.7 | 222.0 | 222.4 | 222.8 |
| 120°   | 238.7 | 238.3 | 237.9 | 237.5 | 237.9 | 238.3 | 238.7 | 239.1 | 239.4 | 239.5 | 239.7 |
| 122.5° | 254.7 | 254.3 | 253.8 | 253.4 | 253.8 | 254.3 | 254.7 | 255.2 | 255.5 | 255.7 | 255.8 |
| 125°   | 278.2 | 278.0 | 277.7 | 277.5 | 277.7 | 278.0 | 278.2 | 278.4 | 278.7 | 279.0 | 279.3 |
| 127.5° | 299.5 | 298.9 | 298.4 | 297.8 | 298.4 | 298.9 | 299.5 | 300.1 | 300.5 | 300.6 | 300.8 |
| 130°   | 313.7 | 313.3 | 312.9 | 312.5 | 312.9 | 313.3 | 313.7 | 314.0 | 314.4 | 314.6 | 314.8 |
| 132.5° | 327.2 | 326.8 | 326.4 | 326.1 | 326.4 | 326.8 | 327.2 | 327.6 | 327.8 | 327.9 | 327.9 |
| 135°   | 346.1 | 345.6 | 345.1 | 344.6 | 345.1 | 345.6 | 346.1 | 346.5 | 346.8 | 347.0 | 347.2 |
| 137.5° | 364.5 | 364.1 | 363.7 | 363.3 | 363.7 | 364.1 | 364.5 | 364.9 | 365.1 | 365.1 | 365.1 |
| 140°   | 375.8 | 375.3 | 374.8 | 374.3 | 374.8 | 375.3 | 375.8 | 376.2 | 376.4 | 376.2 | 376.1 |
| 142.5° | 386.2 | 385.7 | 385.3 | 384.8 | 385.3 | 385.7 | 386.2 | 386.7 | 386.9 | 386.9 | 386.8 |
| 145°   | 401.6 | 401.1 | 400.6 | 400.1 | 400.6 | 401.1 | 401.6 | 402.0 | 402.2 | 402.1 | 402.1 |
| 147.5° | 414.5 | 413.9 | 413.4 | 412.8 | 413.4 | 413.9 | 414.5 | 415.1 | 415.3 | 415.2 | 415.1 |
| 150°   | 422.9 | 422.3 | 421.6 | 421.0 | 421.6 | 422.3 | 422.9 | 423.5 | 423.7 | 423.6 | 423.4 |
| 152.5° | 430.3 | 429.8 | 429.2 | 428.6 | 429.2 | 429.8 | 430.3 | 430.9 | 431.1 | 430.9 | 430.8 |
| 155°   | 440.6 | 439.9 | 439.3 | 438.7 | 439.3 | 439.9 | 440.6 | 441.2 | 441.4 | 441.1 | 440.9 |
| 157.5° | 449.0 | 448.3 | 447.7 | 447.1 | 447.7 | 448.3 | 449.0 | 449.6 | 449.8 | 449.5 | 449.3 |
| 160°   | 454.3 | 453.7 | 453.1 | 452.5 | 453.1 | 453.7 | 454.3 | 455.0 | 455.1 | 454.8 | 454.5 |
| 162.5° | 459.3 | 458.6 | 458.0 | 457.3 | 458.0 | 458.6 | 459.3 | 460.0 | 460.2 | 459.7 | 459.3 |
| 165°   | 465.7 | 465.0 | 464.4 | 463.8 | 464.4 | 465.0 | 465.7 | 466.3 | 466.4 | 465.9 | 465.4 |
| 167.5° | 470.4 | 469.7 | 469.0 | 468.3 | 469.0 | 469.7 | 470.4 | 471.1 | 471.2 | 470.6 | 470.1 |
| 170°   | 473.0 | 472.3 | 471.5 | 470.8 | 471.5 | 472.3 | 473.0 | 473.7 | 473.7 | 473.1 | 472.4 |
| 172.5° | 474.7 | 473.9 | 473.2 | 472.5 | 473.2 | 473.9 | 474.7 | 475.4 | 475.4 | 474.9 | 474.3 |
| 175°   | 476.8 | 476.1 | 475.4 | 474.7 | 475.4 | 476.1 | 476.8 | 477.6 | 477.6 | 477.0 | 476.3 |
| 177.5° | 477.5 | 477.0 | 476.5 | 476.0 | 476.5 | 477.0 | 477.5 | 478.0 | 478.0 | 477.6 | 477.2 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 |
| 2.5°   | 520.6 | 522.8 | 525.5 | 527.6 | 531.3 | 532.9 | 535.0 | 536.6 | 539.6 | 542.4 | 545.7 |
| 5°     | 485.5 | 489.4 | 494.7 | 500.5 | 507.2 | 511.8 | 518.3 | 522.2 | 530.1 | 537.2 | 544.2 |
| 7.5°   | 453.7 | 458.5 | 466.0 | 473.4 | 482.2 | 490.1 | 498.2 | 507.2 | 517.2 | 529.1 | 538.9 |
| 10°    | 431.9 | 438.3 | 446.4 | 455.7 | 466.3 | 475.5 | 486.4 | 496.1 | 508.4 | 522.2 | 535.2 |
| 12.5°  | 414.5 | 420.0 | 429.0 | 437.9 | 449.3 | 460.6 | 471.8 | 484.6 | 498.9 | 514.3 | 530.5 |
| 15°    | 390.5 | 395.1 | 402.5 | 414.8 | 426.3 | 437.4 | 454.3 | 466.3 | 484.3 | 501.4 | 521.1 |
| 17.5°  | 370.0 | 375.8 | 382.0 | 392.5 | 404.5 | 418.3 | 433.4 | 448.5 | 465.8 | 487.5 | 509.6 |
| 20°    | 357.5 | 362.1 | 369.2 | 377.3 | 390.0 | 403.9 | 418.2 | 433.5 | 454.7 | 477.2 | 501.0 |
| 22.5°  | 343.8 | 348.8 | 356.9 | 365.7 | 376.4 | 389.7 | 405.5 | 422.2 | 444.4 | 466.4 | 492.3 |
| 25°    | 327.7 | 331.1 | 338.5 | 346.4 | 357.0 | 368.3 | 384.7 | 403.2 | 425.2 | 450.4 | 476.7 |
| 27.5°  | 312.5 | 315.5 | 322.2 | 329.1 | 338.7 | 352.1 | 366.8 | 385.5 | 406.2 | 431.7 | 460.9 |
| 30°    | 301.5 | 304.8 | 310.8 | 318.2 | 327.4 | 339.2 | 354.2 | 371.8 | 394.0 | 418.9 | 449.4 |
| 32.5°  | 292.1 | 295.0 | 299.5 | 306.9 | 316.0 | 327.4 | 341.3 | 359.2 | 381.4 | 406.7 | 436.7 |
| 35°    | 277.5 | 280.7 | 284.2 | 290.0 | 297.8 | 308.9 | 324.2 | 341.1 | 362.3 | 386.8 | 414.3 |
| 37.5°  | 263.0 | 266.5 | 269.6 | 274.8 | 281.9 | 291.7 | 304.9 | 322.5 | 341.7 | 365.3 | 391.7 |
| 40°    | 253.9 | 256.7 | 259.3 | 264.8 | 272.0 | 281.2 | 293.5 | 309.2 | 329.5 | 351.5 | 373.4 |
| 42.5°  | 244.9 | 247.5 | 249.6 | 254.5 | 261.1 | 269.9 | 281.6 | 297.0 | 315.8 | 336.3 | 355.7 |
| 45°    | 230.6 | 232.2 | 234.8 | 238.9 | 244.2 | 252.3 | 263.6 | 277.3 | 293.2 | 312.6 | 327.2 |
| 47.5°  | 215.2 | 217.7 | 219.8 | 223.4 | 227.8 | 235.7 | 246.6 | 258.2 | 272.7 | 287.1 | 297.3 |
| 50°    | 203.3 | 205.9 | 208.9 | 212.4 | 216.5 | 223.9 | 233.8 | 245.6 | 257.9 | 269.0 | 277.7 |
| 52.5°  | 192.2 | 194.6 | 197.8 | 201.1 | 206.2 | 212.4 | 220.9 | 231.4 | 243.5 | 251.4 | 258.7 |
| 55°    | 175.8 | 177.0 | 180.7 | 183.9 | 188.8 | 193.4 | 202.0 | 211.2 | 218.6 | 224.6 | 230.6 |
| 57.5°  | 159.1 | 160.6 | 162.8 | 165.7 | 170.5 | 175.9 | 181.9 | 190.1 | 194.4 | 197.5 | 202.2 |
| 60°    | 148.3 | 148.8 | 150.2 | 153.7 | 157.4 | 162.2 | 169.1 | 174.9 | 178.2 | 180.7 | 184.6 |
| 62.5°  | 136.5 | 136.6 | 138.9 | 141.5 | 144.2 | 149.5 | 155.1 | 159.8 | 162.4 | 163.7 | 167.4 |
| 65°    | 119.9 | 119.5 | 120.8 | 122.9 | 126.2 | 129.6 | 134.5 | 138.6 | 138.4 | 139.8 | 142.1 |
| 67.5°  | 103.0 | 102.5 | 102.5 | 104.5 | 107.1 | 110.2 | 113.5 | 116.0 | 116.0 | 117.8 | 119.0 |
| 70°    | 91.5  | 90.1  | 91.0  | 92.7  | 93.8  | 96.4  | 100.1 | 101.0 | 101.2 | 102.1 | 103.3 |
| 72.5°  | 79.7  | 79.2  | 79.9  | 80.6  | 81.4  | 83.4  | 86.6  | 87.1  | 87.2  | 87.7  | 89.6  |
| 75°    | 63.3  | 62.9  | 62.4  | 63.1  | 64.0  | 65.4  | 66.5  | 67.5  | 67.2  | 67.5  | 68.9  |
| 77.5°  | 47.5  | 46.2  | 45.9  | 46.3  | 46.5  | 47.4  | 48.6  | 48.5  | 48.7  | 48.7  | 50.2  |
| 80°    | 37.7  | 35.8  | 35.6  | 35.6  | 35.8  | 36.3  | 36.7  | 37.2  | 36.5  | 37.2  | 37.7  |
| 82.5°  | 27.7  | 26.6  | 26.5  | 26.3  | 26.4  | 26.5  | 26.8  | 27.0  | 26.9  | 27.2  | 27.5  |
| 85°    | 15.3  | 14.8  | 14.1  | 14.6  | 14.3  | 13.6  | 14.1  | 13.4  | 13.2  | 13.4  | 13.6  |
| 87.5°  | 6.4   | 6.5   | 6.0   | 5.9   | 5.6   | 5.7   | 5.2   | 4.9   | 4.6   | 4.6   | 5.1   |
| 90°    | 6.0   | 5.7   | 5.1   | 4.6   | 4.0   | 3.5   | 2.9   | 2.2   | 1.6   | 1.0   | 0.4   |
| 92.5°  | 6.0   | 5.7   | 5.2   | 4.7   | 4.2   | 3.7   | 3.7   | 4.1   | 4.6   | 5.0   | 5.4   |
| 95°    | 6.0   | 5.7   | 8.6   | 11.6  | 14.6  | 17.6  | 19.2  | 19.4  | 19.7  | 19.9  | 20.1  |
| 97.5°  | 15.2  | 17.4  | 23.3  | 29.2  | 35.1  | 41.0  | 43.8  | 43.3  | 42.9  | 42.5  | 42.1  |
| 100°   | 49.8  | 61.5  | 61.2  | 60.9  | 60.6  | 60.2  | 60.0  | 59.7  | 59.5  | 59.3  | 59.0  |
| 102.5° | 76.3  | 78.5  | 78.3  | 78.1  | 77.9  | 77.7  | 77.5  | 77.2  | 76.9  | 76.6  | 76.3  |
| 105°   | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.2 | 104.9 | 104.6 | 104.2 | 103.9 |
| 107.5° | 133.3 | 133.3 | 133.2 | 133.0 | 132.9 | 132.7 | 132.6 | 132.6 | 132.6 | 132.6 | 132.6 |
| 110°   | 151.8 | 152.0 | 151.8 | 151.7 | 151.5 | 151.4 | 151.3 | 151.3 | 151.3 | 151.3 | 151.3 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.8 | 170.1 | 170.0 | 169.9 | 169.8 | 169.7 | 169.6 | 169.4 | 169.2 | 169.0 | 168.8 |
| 115°   | 196.9 | 197.2 | 197.2 | 197.1 | 197.0 | 196.9 | 196.7 | 196.3 | 195.9 | 195.5 | 195.1 |
| 117.5° | 223.2 | 223.6 | 223.3 | 223.0 | 222.7 | 222.4 | 222.3 | 222.3 | 222.3 | 222.3 | 222.3 |
| 120°   | 239.9 | 240.0 | 239.8 | 239.5 | 239.3 | 239.1 | 239.0 | 239.1 | 239.2 | 239.2 | 239.3 |
| 122.5° | 256.0 | 256.1 | 256.0 | 255.9 | 255.8 | 255.7 | 255.5 | 255.2 | 254.9 | 254.6 | 254.3 |
| 125°   | 279.6 | 280.0 | 280.0 | 280.0 | 280.0 | 280.0 | 279.7 | 279.1 | 278.6 | 278.0 | 277.5 |
| 127.5° | 301.0 | 301.2 | 301.2 | 301.3 | 301.3 | 301.4 | 301.2 | 300.8 | 300.4 | 300.0 | 299.6 |
| 130°   | 315.1 | 315.3 | 315.2 | 315.1 | 315.1 | 315.0 | 314.8 | 314.4 | 314.0 | 313.6 | 313.2 |
| 132.5° | 328.0 | 328.0 | 328.2 | 328.4 | 328.6 | 328.7 | 328.6 | 328.1 | 327.7 | 327.2 | 326.8 |
| 135°   | 347.3 | 347.5 | 347.6 | 347.8 | 347.9 | 348.1 | 347.9 | 347.5 | 347.0 | 346.5 | 346.1 |
| 137.5° | 365.0 | 365.0 | 365.1 | 365.3 | 365.4 | 365.6 | 365.4 | 365.0 | 364.6 | 364.2 | 363.8 |
| 140°   | 375.9 | 375.8 | 375.8 | 375.9 | 376.0 | 376.1 | 376.0 | 375.9 | 375.7 | 375.6 | 375.4 |
| 142.5° | 386.8 | 386.8 | 386.7 | 386.6 | 386.5 | 386.3 | 386.2 | 386.1 | 386.1 | 386.0 | 385.9 |
| 145°   | 402.0 | 401.9 | 401.9 | 401.9 | 401.9 | 401.9 | 401.8 | 401.7 | 401.5 | 401.4 | 401.2 |
| 147.5° | 415.0 | 414.9 | 414.8 | 414.7 | 414.6 | 414.5 | 414.5 | 414.5 | 414.6 | 414.6 | 414.6 |
| 150°   | 423.3 | 423.1 | 423.0 | 422.8 | 422.6 | 422.5 | 422.5 | 422.6 | 422.8 | 423.0 | 423.1 |
| 152.5° | 430.6 | 430.5 | 430.3 | 430.2 | 430.0 | 429.8 | 429.9 | 430.3 | 430.6 | 431.0 | 431.3 |
| 155°   | 440.7 | 440.4 | 440.3 | 440.1 | 440.0 | 439.8 | 440.0 | 440.4 | 440.9 | 441.4 | 441.9 |
| 157.5° | 449.0 | 448.8 | 448.8 | 448.8 | 448.7 | 448.7 | 448.9 | 449.1 | 449.4 | 449.7 | 450.0 |
| 160°   | 454.2 | 453.9 | 453.8 | 453.7 | 453.6 | 453.6 | 453.8 | 454.2 | 454.7 | 455.2 | 455.6 |
| 162.5° | 458.8 | 458.4 | 458.3 | 458.2 | 458.2 | 458.1 | 458.3 | 458.7 | 459.2 | 459.7 | 460.2 |
| 165°   | 464.9 | 464.5 | 464.4 | 464.3 | 464.2 | 464.2 | 464.4 | 464.8 | 465.3 | 465.8 | 466.2 |
| 167.5° | 469.5 | 468.9 | 468.9 | 468.8 | 468.7 | 468.6 | 468.8 | 469.3 | 469.8 | 470.3 | 470.8 |
| 170°   | 471.8 | 471.2 | 471.1 | 471.0 | 471.0 | 470.9 | 471.1 | 471.7 | 472.2 | 472.8 | 473.3 |
| 172.5° | 473.7 | 473.2 | 473.0 | 472.9 | 472.7 | 472.6 | 472.8 | 473.4 | 473.9 | 474.5 | 475.0 |
| 175°   | 475.7 | 475.1 | 475.0 | 474.9 | 474.8 | 474.8 | 475.0 | 475.4 | 475.9 | 476.4 | 476.8 |
| 177.5° | 476.7 | 476.3 | 476.2 | 476.2 | 476.1 | 476.0 | 476.2 | 476.6 | 476.9 | 477.3 | 477.7 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 |
| 2.5°   | 547.4 | 549.9 | 551.6 | 554.7 | 557.3 | 558.8 | 560.1 | 561.2 | 562.5 | 563.6 | 566.8 |
| 5°     | 550.9 | 556.9 | 562.0 | 569.8 | 577.0 | 582.5 | 588.5 | 593.8 | 598.2 | 604.5 | 609.3 |
| 7.5°   | 549.3 | 560.0 | 571.2 | 583.4 | 595.8 | 607.3 | 618.0 | 627.9 | 636.9 | 647.8 | 657.4 |
| 10°    | 547.9 | 562.4 | 576.7 | 593.2 | 610.0 | 624.3 | 637.7 | 651.4 | 661.3 | 675.2 | 687.0 |
| 12.5°  | 546.8 | 563.9 | 581.2 | 600.9 | 619.4 | 639.7 | 657.5 | 667.5 | 682.6 | 693.7 | 707.7 |
| 15°    | 542.1 | 564.7 | 588.5 | 610.7 | 637.1 | 655.8 | 671.5 | 690.9 | 705.0 | 719.1 | 734.3 |
| 17.5°  | 533.7 | 559.4 | 586.0 | 615.1 | 640.3 | 660.4 | 680.7 | 699.4 | 716.2 | 735.1 | 754.1 |
| 20°    | 529.8 | 555.5 | 586.0 | 615.8 | 640.5 | 661.5 | 682.3 | 702.9 | 721.4 | 745.7 | 767.6 |
| 22.5°  | 521.7 | 552.7 | 580.8 | 609.9 | 635.3 | 658.2 | 681.8 | 705.1 | 729.7 | 757.1 | 784.6 |
| 25°    | 507.2 | 538.6 | 568.4 | 597.1 | 622.7 | 651.4 | 676.6 | 707.8 | 739.2 | 775.5 | 809.7 |
| 27.5°  | 492.1 | 522.2 | 549.5 | 577.2 | 607.1 | 639.6 | 672.2 | 707.6 | 748.8 | 794.6 | 842.8 |
| 30°    | 479.9 | 508.4 | 534.9 | 563.3 | 594.5 | 631.0 | 666.9 | 708.9 | 756.5 | 808.0 | 865.4 |
| 32.5°  | 465.7 | 491.9 | 517.7 | 547.8 | 581.8 | 620.3 | 662.1 | 708.2 | 765.4 | 823.9 | 882.9 |
| 35°    | 441.3 | 463.3 | 489.9 | 522.0 | 560.3 | 604.5 | 652.8 | 707.3 | 772.9 | 840.2 | 889.8 |
| 37.5°  | 412.5 | 432.9 | 460.9 | 496.1 | 536.3 | 583.7 | 641.0 | 705.7 | 775.4 | 829.0 | 845.0 |
| 40°    | 393.0 | 412.0 | 441.1 | 477.6 | 518.7 | 568.9 | 631.7 | 700.1 | 767.6 | 801.8 | 788.6 |
| 42.5°  | 372.3 | 392.2 | 420.6 | 456.7 | 501.0 | 555.6 | 620.1 | 688.5 | 745.1 | 758.0 | 712.5 |
| 45°    | 339.7 | 360.2 | 388.2 | 424.7 | 472.3 | 531.5 | 598.7 | 660.9 | 693.4 | 670.1 | 599.6 |
| 47.5°  | 309.3 | 328.6 | 354.5 | 392.2 | 441.3 | 502.5 | 567.2 | 616.8 | 619.4 | 563.7 | 488.4 |
| 50°    | 288.6 | 306.4 | 332.5 | 370.2 | 418.9 | 480.9 | 539.3 | 578.4 | 560.8 | 497.7 | 425.4 |
| 52.5°  | 268.3 | 285.7 | 311.4 | 348.7 | 396.9 | 453.7 | 508.1 | 535.5 | 502.4 | 437.6 | 375.9 |
| 55°    | 238.9 | 254.2 | 279.4 | 313.8 | 359.5 | 412.2 | 458.4 | 467.9 | 424.9 | 361.2 | 311.0 |
| 57.5°  | 210.3 | 224.5 | 247.4 | 279.1 | 321.0 | 367.6 | 403.8 | 401.7 | 356.3 | 301.6 | 261.8 |
| 60°    | 190.9 | 204.7 | 225.1 | 256.0 | 294.2 | 334.4 | 365.3 | 357.9 | 312.9 | 265.7 | 232.2 |
| 62.5°  | 173.5 | 185.9 | 205.1 | 232.2 | 267.0 | 304.2 | 329.6 | 318.7 | 274.6 | 233.4 | 206.9 |
| 65°    | 147.9 | 158.3 | 174.7 | 197.8 | 226.7 | 257.4 | 277.1 | 263.0 | 225.3 | 193.2 | 171.9 |
| 67.5°  | 123.4 | 131.8 | 145.5 | 164.0 | 188.6 | 213.3 | 225.2 | 211.1 | 180.9 | 157.5 | 141.7 |
| 70°    | 107.9 | 115.3 | 125.9 | 142.3 | 163.8 | 184.6 | 193.6 | 180.9 | 155.0 | 134.9 | 123.6 |
| 72.5°  | 92.4  | 98.5  | 107.8 | 122.6 | 139.8 | 157.8 | 165.7 | 153.6 | 132.3 | 115.3 | 104.8 |
| 75°    | 71.4  | 75.6  | 82.0  | 92.2  | 105.8 | 120.2 | 124.5 | 113.9 | 100.3 | 87.6  | 80.6  |
| 77.5°  | 51.1  | 54.6  | 59.5  | 65.9  | 75.6  | 84.7  | 88.5  | 82.4  | 71.9  | 63.8  | 58.1  |
| 80°    | 39.3  | 41.1  | 45.3  | 50.6  | 58.2  | 64.0  | 66.5  | 62.6  | 55.2  | 49.2  | 44.8  |
| 82.5°  | 28.0  | 29.9  | 32.3  | 36.7  | 41.6  | 45.5  | 48.2  | 45.6  | 40.3  | 35.5  | 33.0  |
| 85°    | 13.6  | 14.8  | 16.2  | 18.0  | 21.7  | 24.0  | 23.8  | 22.2  | 20.1  | 18.3  | 16.9  |
| 87.5°  | 5.0   | 5.3   | 6.0   | 7.0   | 7.7   | 8.6   | 9.0   | 8.8   | 8.2   | 7.7   | 7.2   |
| 90°    | 1.0   | 1.6   | 2.2   | 2.9   | 3.5   | 4.0   | 4.6   | 5.1   | 5.7   | 6.0   | 6.4   |
| 92.5°  | 5.0   | 4.6   | 4.1   | 3.7   | 3.7   | 4.2   | 4.7   | 5.2   | 5.7   | 6.0   | 6.4   |
| 95°    | 19.9  | 19.7  | 19.4  | 19.2  | 17.6  | 14.6  | 11.6  | 8.6   | 5.7   | 6.0   | 6.4   |
| 97.5°  | 42.5  | 42.9  | 43.3  | 43.8  | 41.0  | 35.1  | 29.2  | 23.3  | 17.4  | 15.2  | 13.0  |
| 100°   | 59.3  | 59.5  | 59.7  | 60.0  | 60.2  | 60.6  | 60.9  | 61.2  | 61.5  | 49.8  | 38.1  |
| 102.5° | 76.6  | 76.9  | 77.2  | 77.5  | 77.7  | 77.9  | 78.1  | 78.3  | 78.5  | 76.3  | 74.0  |
| 105°   | 104.2 | 104.6 | 104.9 | 105.2 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 | 105.3 |
| 107.5° | 132.6 | 132.6 | 132.6 | 132.6 | 132.7 | 132.9 | 133.0 | 133.2 | 133.3 | 133.3 | 133.4 |
| 110°   | 151.3 | 151.3 | 151.3 | 151.3 | 151.4 | 151.5 | 151.7 | 151.8 | 152.0 | 151.8 | 151.5 |





TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.0 | 169.2 | 169.4 | 169.6 | 169.7 | 169.8 | 169.9 | 170.0 | 170.1 | 169.8 | 169.5 |
| 115°   | 195.5 | 195.9 | 196.3 | 196.7 | 196.9 | 197.0 | 197.1 | 197.2 | 197.2 | 196.9 | 196.6 |
| 117.5° | 222.3 | 222.3 | 222.3 | 222.3 | 222.4 | 222.7 | 223.0 | 223.3 | 223.6 | 223.2 | 222.8 |
| 120°   | 239.2 | 239.2 | 239.1 | 239.0 | 239.1 | 239.3 | 239.5 | 239.8 | 240.0 | 239.9 | 239.7 |
| 122.5° | 254.6 | 254.9 | 255.2 | 255.5 | 255.7 | 255.8 | 255.9 | 256.0 | 256.1 | 256.0 | 255.8 |
| 125°   | 278.0 | 278.6 | 279.1 | 279.7 | 280.0 | 280.0 | 280.0 | 280.0 | 280.0 | 279.6 | 279.3 |
| 127.5° | 300.0 | 300.4 | 300.8 | 301.2 | 301.4 | 301.3 | 301.3 | 301.2 | 301.2 | 301.0 | 300.8 |
| 130°   | 313.6 | 314.0 | 314.4 | 314.8 | 315.0 | 315.1 | 315.1 | 315.2 | 315.3 | 315.1 | 314.8 |
| 132.5° | 327.2 | 327.7 | 328.1 | 328.6 | 328.7 | 328.6 | 328.4 | 328.2 | 328.0 | 328.0 | 327.9 |
| 135°   | 346.5 | 347.0 | 347.5 | 347.9 | 348.1 | 347.9 | 347.8 | 347.6 | 347.5 | 347.3 | 347.2 |
| 137.5° | 364.2 | 364.6 | 365.0 | 365.4 | 365.6 | 365.4 | 365.3 | 365.1 | 365.0 | 365.0 | 365.1 |
| 140°   | 375.6 | 375.7 | 375.9 | 376.0 | 376.1 | 376.0 | 375.9 | 375.8 | 375.8 | 375.9 | 376.1 |
| 142.5° | 386.0 | 386.1 | 386.1 | 386.2 | 386.3 | 386.5 | 386.6 | 386.7 | 386.8 | 386.8 | 386.8 |
| 145°   | 401.4 | 401.5 | 401.7 | 401.8 | 401.9 | 401.9 | 401.9 | 401.9 | 401.9 | 402.0 | 402.1 |
| 147.5° | 414.6 | 414.6 | 414.5 | 414.5 | 414.5 | 414.6 | 414.7 | 414.8 | 414.9 | 415.0 | 415.1 |
| 150°   | 423.0 | 422.8 | 422.6 | 422.5 | 422.5 | 422.6 | 422.8 | 423.0 | 423.1 | 423.3 | 423.4 |
| 152.5° | 431.0 | 430.6 | 430.3 | 429.9 | 429.8 | 430.0 | 430.2 | 430.3 | 430.5 | 430.6 | 430.8 |
| 155°   | 441.4 | 440.9 | 440.4 | 440.0 | 439.8 | 440.0 | 440.1 | 440.3 | 440.4 | 440.7 | 440.9 |
| 157.5° | 449.7 | 449.4 | 449.1 | 448.9 | 448.7 | 448.7 | 448.8 | 448.8 | 448.8 | 449.0 | 449.3 |
| 160°   | 455.2 | 454.7 | 454.2 | 453.8 | 453.6 | 453.6 | 453.7 | 453.8 | 453.9 | 454.2 | 454.5 |
| 162.5° | 459.7 | 459.2 | 458.7 | 458.3 | 458.1 | 458.2 | 458.2 | 458.3 | 458.4 | 458.8 | 459.3 |
| 165°   | 465.8 | 465.3 | 464.8 | 464.4 | 464.2 | 464.2 | 464.3 | 464.4 | 464.5 | 464.9 | 465.4 |
| 167.5° | 470.3 | 469.8 | 469.3 | 468.8 | 468.6 | 468.7 | 468.8 | 468.9 | 468.9 | 469.5 | 470.1 |
| 170°   | 472.8 | 472.2 | 471.7 | 471.1 | 470.9 | 471.0 | 471.0 | 471.1 | 471.2 | 471.8 | 472.4 |
| 172.5° | 474.5 | 473.9 | 473.4 | 472.8 | 472.6 | 472.7 | 472.9 | 473.0 | 473.2 | 473.7 | 474.3 |
| 175°   | 476.4 | 475.9 | 475.4 | 475.0 | 474.8 | 474.8 | 474.9 | 475.0 | 475.1 | 475.7 | 476.3 |
| 177.5° | 477.3 | 476.9 | 476.6 | 476.2 | 476.0 | 476.1 | 476.2 | 476.2 | 476.3 | 476.7 | 477.2 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°   | 360°   |
|--------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 544.4 | 544.4 | 544.4 | 544.4 | 544.4 | 544.4  | 544.4  |
| 2.5°   | 569.4 | 570.8 | 574.0 | 572.9 | 574.3 | 575.1  | 575.8  |
| 5°     | 615.3 | 622.7 | 626.0 | 625.5 | 630.4 | 629.2  | 628.0  |
| 7.5°   | 667.3 | 675.0 | 679.4 | 684.8 | 687.9 | 688.2  | 690.9  |
| 10°    | 696.7 | 706.8 | 711.0 | 716.8 | 720.5 | 722.6  | 722.3  |
| 12.5°  | 719.2 | 727.2 | 736.5 | 739.3 | 744.3 | 747.0  | 746.0  |
| 15°    | 746.4 | 759.1 | 768.8 | 773.6 | 779.9 | 781.7  | 784.2  |
| 17.5°  | 770.6 | 787.6 | 798.9 | 814.0 | 819.7 | 823.2  | 821.1  |
| 20°    | 788.9 | 811.3 | 822.6 | 840.6 | 850.6 | 855.9  | 854.0  |
| 22.5°  | 810.5 | 834.8 | 855.7 | 871.3 | 886.4 | 893.6  | 895.1  |
| 25°    | 847.6 | 880.8 | 911.6 | 932.1 | 950.8 | 955.2  | 964.9  |
| 27.5°  | 889.0 | 928.2 | 961.1 | 982.7 | 995.7 | 1000.6 | 1003.7 |
| 30°    | 915.0 | 954.1 | 978.8 | 992.7 | 996.8 | 996.4  | 995.9  |
| 32.5°  | 927.8 | 952.2 | 957.0 | 953.1 | 943.6 | 935.5  | 927.1  |
| 35°    | 909.7 | 891.5 | 864.2 | 829.1 | 803.2 | 777.1  | 774.5  |
| 37.5°  | 818.2 | 759.8 | 714.4 | 663.7 | 634.5 | 616.4  | 603.9  |
| 40°    | 732.0 | 665.7 | 610.7 | 568.0 | 538.2 | 526.4  | 514.8  |
| 42.5°  | 638.5 | 575.1 | 526.4 | 490.7 | 468.3 | 455.2  | 446.1  |
| 45°    | 518.7 | 462.8 | 424.7 | 398.8 | 381.0 | 370.9  | 365.1  |
| 47.5°  | 425.1 | 383.7 | 351.3 | 332.6 | 320.4 | 312.5  | 312.5  |
| 50°    | 374.8 | 335.3 | 313.8 | 299.0 | 288.4 | 282.1  | 283.3  |
| 52.5°  | 330.2 | 300.7 | 282.4 | 270.0 | 262.1 | 258.3  | 258.1  |
| 55°    | 276.1 | 254.9 | 242.9 | 233.8 | 228.5 | 224.1  | 225.1  |
| 57.5°  | 236.2 | 218.3 | 210.2 | 202.7 | 199.0 | 197.3  | 194.7  |
| 60°    | 211.4 | 197.6 | 190.6 | 184.6 | 180.9 | 179.5  | 177.0  |
| 62.5°  | 189.4 | 178.5 | 171.8 | 166.9 | 163.6 | 163.1  | 161.1  |
| 65°    | 159.2 | 150.9 | 144.9 | 142.6 | 139.1 | 138.2  | 138.2  |
| 67.5°  | 131.2 | 125.3 | 120.6 | 118.5 | 117.0 | 117.2  | 116.1  |
| 70°    | 113.7 | 108.8 | 105.8 | 103.5 | 102.4 | 102.6  | 101.7  |
| 72.5°  | 99.5  | 94.0  | 91.4  | 90.0  | 88.5  | 89.1   | 88.7   |
| 75°    | 75.3  | 72.6  | 71.2  | 69.8  | 68.9  | 68.4   | 67.9   |
| 77.5°  | 55.3  | 52.9  | 51.8  | 51.0  | 51.2  | 50.0   | 50.9   |
| 80°    | 42.7  | 40.7  | 40.0  | 38.8  | 38.6  | 38.6   | 38.4   |
| 82.5°  | 31.3  | 30.1  | 29.6  | 28.7  | 28.2  | 28.6   | 28.0   |
| 85°    | 16.2  | 15.3  | 15.0  | 15.0  | 14.6  | 14.1   | 15.3   |
| 87.5°  | 7.3   | 6.6   | 6.7   | 6.5   | 6.6   | 6.5    | 6.1    |
| 90°    | 6.8   | 7.2   | 7.5   | 7.8   | 8.0   | 8.2    | 8.5    |
| 92.5°  | 6.8   | 7.2   | 7.5   | 7.6   | 7.7   | 7.8    | 7.9    |
| 95°    | 6.8   | 7.2   | 7.4   | 7.4   | 7.4   | 7.4    | 7.4    |
| 97.5°  | 10.7  | 8.5   | 7.4   | 7.4   | 7.4   | 7.4    | 7.4    |
| 100°   | 26.4  | 14.7  | 8.7   | 8.4   | 8.1   | 7.7    | 7.4    |
| 102.5° | 71.8  | 69.6  | 65.8  | 60.5  | 55.2  | 49.8   | 44.5   |
| 105°   | 105.3 | 105.3 | 105.3 | 105.2 | 105.1 | 105.1  | 105.0  |
| 107.5° | 133.4 | 133.4 | 133.3 | 133.1 | 132.8 | 132.6  | 132.3  |
| 110°   | 151.3 | 151.1 | 151.0 | 151.1 | 151.1 | 151.2  | 151.3  |



TEST NUMBER: P333115

CATALOG NUMBER: S125DIP-S375D365U835-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.2 | 168.9 | 168.7 | 168.6 | 168.5 | 168.4 | 168.3 |
| 115°   | 196.3 | 196.0 | 195.6 | 195.1 | 194.7 | 194.2 | 193.7 |
| 117.5° | 222.4 | 222.0 | 221.7 | 221.5 | 221.3 | 221.1 | 220.9 |
| 120°   | 239.5 | 239.4 | 239.1 | 238.7 | 238.3 | 237.9 | 237.5 |
| 122.5° | 255.7 | 255.5 | 255.2 | 254.7 | 254.3 | 253.8 | 253.4 |
| 125°   | 279.0 | 278.7 | 278.4 | 278.2 | 278.0 | 277.7 | 277.5 |
| 127.5° | 300.6 | 300.5 | 300.1 | 299.5 | 298.9 | 298.4 | 297.8 |
| 130°   | 314.6 | 314.4 | 314.0 | 313.7 | 313.3 | 312.9 | 312.5 |
| 132.5° | 327.9 | 327.8 | 327.6 | 327.2 | 326.8 | 326.4 | 326.1 |
| 135°   | 347.0 | 346.8 | 346.5 | 346.1 | 345.6 | 345.1 | 344.6 |
| 137.5° | 365.1 | 365.1 | 364.9 | 364.5 | 364.1 | 363.7 | 363.3 |
| 140°   | 376.2 | 376.4 | 376.2 | 375.8 | 375.3 | 374.8 | 374.3 |
| 142.5° | 386.9 | 386.9 | 386.7 | 386.2 | 385.7 | 385.3 | 384.8 |
| 145°   | 402.1 | 402.2 | 402.0 | 401.6 | 401.1 | 400.6 | 400.1 |
| 147.5° | 415.2 | 415.3 | 415.1 | 414.5 | 413.9 | 413.4 | 412.8 |
| 150°   | 423.6 | 423.7 | 423.5 | 422.9 | 422.3 | 421.6 | 421.0 |
| 152.5° | 430.9 | 431.1 | 430.9 | 430.3 | 429.8 | 429.2 | 428.6 |
| 155°   | 441.1 | 441.4 | 441.2 | 440.6 | 439.9 | 439.3 | 438.7 |
| 157.5° | 449.5 | 449.8 | 449.6 | 449.0 | 448.3 | 447.7 | 447.1 |
| 160°   | 454.8 | 455.1 | 455.0 | 454.3 | 453.7 | 453.1 | 452.5 |
| 162.5° | 459.7 | 460.2 | 460.0 | 459.3 | 458.6 | 458.0 | 457.3 |
| 165°   | 465.9 | 466.4 | 466.3 | 465.7 | 465.0 | 464.4 | 463.8 |
| 167.5° | 470.6 | 471.2 | 471.1 | 470.4 | 469.7 | 469.0 | 468.3 |
| 170°   | 473.1 | 473.7 | 473.7 | 473.0 | 472.3 | 471.5 | 470.8 |
| 172.5° | 474.9 | 475.4 | 475.4 | 474.7 | 473.9 | 473.2 | 472.5 |
| 175°   | 477.0 | 477.6 | 477.6 | 476.8 | 476.1 | 475.4 | 474.7 |
| 177.5° | 477.6 | 478.0 | 478.0 | 477.5 | 477.0 | 476.5 | 476.0 |
| 180°   | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 | 476.8 |

(END OF REPORT)