

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: P332490

Luminaire Tested: **S124DIP-S350D365U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332490
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIP-S350D365U835-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 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: 3039.3 lumens
Efficiency: N/A
Efficacy: 149.7 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

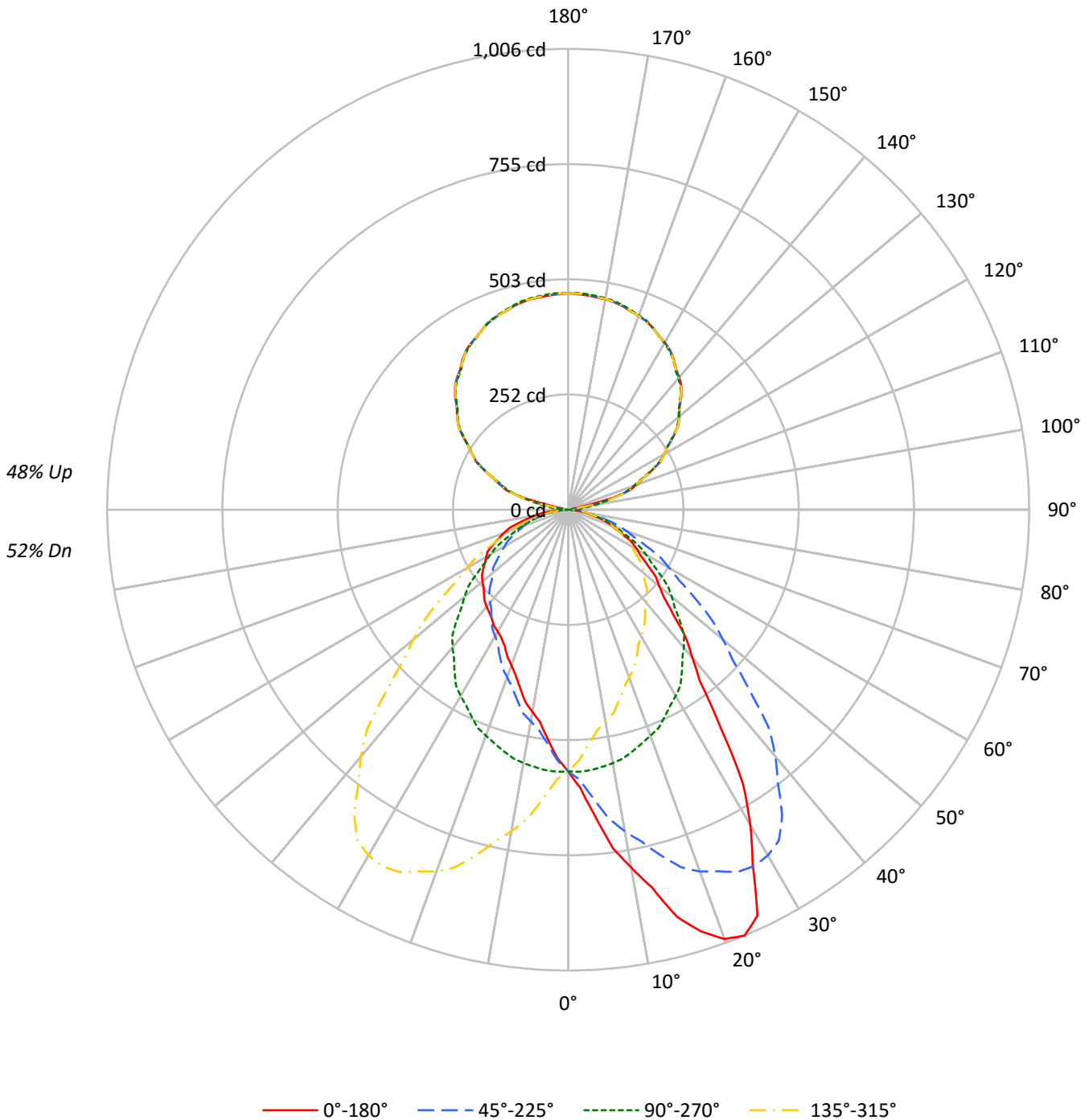
Input Watts (W): 20.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|----|--|--|--|--|--|--|--|--|----|---|
| RF | 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 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 84 | 84 | 84 | 71 | 71 | 71 | 58 | 58 | 58 | 52 | | | | | | | | | | | | | | | | | | | | |
| 1 | 98 | 94 | 90 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 61 | 59 | 51 | 50 | 49 | 44 | | | | | | | | | | | | | | | | | | | | |
| 2 | 90 | 83 | 76 | 71 | 83 | 77 | 71 | 67 | 65 | 62 | 58 | 55 | 52 | 50 | 46 | 44 | 42 | 37 | | | | | | | | | | | | | | | | | | | | |
| 3 | 82 | 73 | 65 | 60 | 76 | 68 | 61 | 56 | 58 | 53 | 49 | 49 | 45 | 42 | 41 | 38 | 36 | 32 | | | | | | | | | | | | | | | | | | | | |
| 4 | 75 | 65 | 57 | 51 | 69 | 60 | 53 | 48 | 52 | 46 | 42 | 44 | 40 | 37 | 36 | 34 | 31 | 28 | | | | | | | | | | | | | | | | | | | | |
| 5 | 69 | 58 | 50 | 44 | 64 | 54 | 47 | 41 | 46 | 41 | 36 | 39 | 35 | 32 | 33 | 30 | 27 | 24 | | | | | | | | | | | | | | | | | | | | |
| 6 | 64 | 52 | 44 | 38 | 59 | 48 | 41 | 36 | 42 | 36 | 32 | 36 | 31 | 28 | 30 | 27 | 24 | 21 | | | | | | | | | | | | | | | | | | | | |
| 7 | 59 | 47 | 39 | 33 | 54 | 44 | 37 | 32 | 38 | 32 | 28 | 32 | 28 | 25 | 27 | 24 | 21 | 19 | | | | | | | | | | | | | | | | | | | | |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 28 | 35 | 29 | 25 | 30 | 25 | 22 | 25 | 22 | 19 | 17 | | | | | | | | | | | | | | | | | | | | |
| 9 | 51 | 39 | 31 | 26 | 47 | 36 | 30 | 25 | 32 | 26 | 23 | 27 | 23 | 20 | 23 | 20 | 17 | 15 | | | | | | | | | | | | | | | | | | | | |
| 10 | 48 | 36 | 28 | 24 | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 22 | 18 | 16 | 14 | | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 4612 | 4612 | 4612 | 4612 |
| 5° | 5431 | 4624 | 4081 | 4624 |
| 10° | 6503 | 4604 | 3674 | 4604 |
| 15° | 7694 | 4557 | 3375 | 4557 |
| 20° | 8568 | 4509 | 3107 | 4509 |
| 25° | 8706 | 4440 | 2922 | 4440 |
| 30° | 7408 | 4373 | 2864 | 4373 |
| 35° | 5695 | 4263 | 2864 | 4263 |
| 40° | 4440 | 4135 | 2918 | 4135 |
| 45° | 3701 | 3942 | 2967 | 3942 |
| 50° | 3258 | 3706 | 3067 | 3706 |
| 55° | 2985 | 3424 | 3191 | 3424 |
| 60° | 2796 | 3171 | 3339 | 3171 |
| 65° | 2604 | 2888 | 3463 | 2888 |
| 70° | 2379 | 2608 | 3541 | 2608 |
| 75° | 2127 | 2296 | 3500 | 2296 |
| 80° | 1781 | 1883 | 3389 | 1883 |
| 85° | 1315 | 1362 | 3242 | 1362 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 55.7 | 1.8 |
| 10°-20° | 171.6 | 5.6 |
| 20°-30° | 272.0 | 9.0 |
| 30°-40° | 302.8 | 10.0 |
| 40°-50° | 275.6 | 9.1 |
| 50°-60° | 225.2 | 7.4 |
| 60°-70° | 160.8 | 5.3 |
| 70°-80° | 88.5 | 2.9 |
| 80°-90° | 25.5 | 0.8 |
| 90°-100° | 16.2 | 0.5 |
| 100°-110° | 103.0 | 3.4 |
| 110°-120° | 197.1 | 6.5 |
| 120°-130° | 250.2 | 8.2 |
| 130°-140° | 267.7 | 8.8 |
| 140°-150° | 250.4 | 8.2 |
| 150°-160° | 201.9 | 6.6 |
| 160°-170° | 130.2 | 4.3 |
| 170°-180° | 44.9 | 1.5 |
| 0°-30° | 499.3 | 16.4 |
| 0°-40° | 802.0 | 26.4 |
| 0°-60° | 1302.8 | 42.9 |
| 0°-90° | 1577.6 | 51.9 |
| 90°-120° | 316.3 | 10.4 |
| 90°-150° | 1084.6 | 35.7 |
| 90°-180° | 1462.0 | 48.1 |
| 0°-180° | 3039.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 571 | 571 | 571 | 571 | 571 | |
| 5° | 670 | 571 | 504 | 571 | 670 | 68 |
| 15° | 921 | 545 | 404 | 545 | 921 | 260 |
| 25° | 977 | 498 | 328 | 498 | 977 | 431 |
| 35° | 578 | 433 | 291 | 433 | 578 | 367 |
| 45° | 324 | 345 | 260 | 345 | 324 | 255 |
| 55° | 212 | 243 | 227 | 243 | 212 | 192 |
| 65° | 136 | 151 | 181 | 151 | 136 | 135 |
| 75° | 68 | 74 | 112 | 74 | 68 | 72 |
| 85° | 14 | 15 | 35 | 15 | 14 | 18 |
| 90° | 11 | 1 | 11 | 1 | 11 | 5 |
| 95° | 10 | 19 | 10 | 19 | 10 | 8 |
| 105° | 101 | 106 | 101 | 106 | 101 | 88 |
| 115° | 200 | 199 | 200 | 199 | 200 | 198 |
| 125° | 281 | 279 | 281 | 279 | 281 | 251 |
| 135° | 349 | 346 | 349 | 346 | 349 | 268 |
| 145° | 402 | 399 | 402 | 399 | 402 | 251 |
| 155° | 438 | 438 | 438 | 438 | 438 | 202 |
| 165° | 460 | 462 | 460 | 462 | 460 | 130 |
| 175° | 470 | 472 | 470 | 472 | 470 | 45 |
| 180° | 472 | 472 | 472 | 472 | 472 | |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 608.0 | 607.9 | 606.0 | 605.6 | 604.3 | 602.6 | 602.2 | 599.1 | 593.1 | 590.2 | 589.5 |
| 5° | 670.2 | 675.0 | 668.8 | 667.6 | 666.9 | 659.1 | 655.1 | 650.4 | 639.5 | 633.1 | 628.1 |
| 7.5° | 744.5 | 745.0 | 742.3 | 740.2 | 734.1 | 727.3 | 717.1 | 706.2 | 693.2 | 679.8 | 669.6 |
| 10° | 793.3 | 795.2 | 792.1 | 791.7 | 779.6 | 772.0 | 756.9 | 744.1 | 729.4 | 713.1 | 698.2 |
| 12.5° | 844.8 | 842.2 | 840.6 | 830.5 | 828.2 | 814.4 | 796.8 | 783.7 | 761.0 | 742.2 | 722.4 |
| 15° | 920.6 | 915.4 | 912.1 | 898.2 | 891.3 | 872.1 | 853.4 | 839.0 | 809.4 | 781.2 | 759.9 |
| 17.5° | 965.1 | 970.3 | 962.7 | 956.9 | 939.2 | 925.7 | 906.6 | 876.3 | 853.2 | 818.2 | 791.3 |
| 20° | 997.3 | 997.8 | 993.5 | 987.6 | 973.7 | 956.6 | 935.8 | 902.7 | 875.0 | 840.2 | 803.2 |
| 22.5° | 1006.0 | 1006.1 | 1004.3 | 998.8 | 988.2 | 974.4 | 953.4 | 925.7 | 892.2 | 854.4 | 817.4 |
| 25° | 977.4 | 976.5 | 978.6 | 984.8 | 980.8 | 976.5 | 964.4 | 943.8 | 912.6 | 872.6 | 832.8 |
| 27.5° | 871.2 | 877.8 | 889.8 | 904.9 | 919.5 | 930.6 | 933.7 | 929.5 | 910.2 | 877.3 | 835.6 |
| 30° | 794.7 | 802.8 | 811.8 | 826.9 | 856.3 | 873.1 | 891.5 | 905.5 | 897.7 | 871.4 | 832.6 |
| 32.5° | 710.7 | 712.7 | 726.0 | 743.2 | 770.1 | 802.4 | 831.7 | 860.1 | 869.5 | 855.7 | 823.3 |
| 35° | 577.9 | 581.3 | 595.7 | 612.7 | 645.6 | 685.2 | 729.2 | 768.5 | 800.9 | 813.9 | 797.3 |
| 37.5° | 471.6 | 481.1 | 491.3 | 509.6 | 538.6 | 574.2 | 619.9 | 670.8 | 719.1 | 751.5 | 757.0 |
| 40° | 421.3 | 427.2 | 434.5 | 448.5 | 473.1 | 508.1 | 547.4 | 605.6 | 657.0 | 703.4 | 718.5 |
| 42.5° | 381.5 | 385.0 | 389.5 | 402.1 | 420.8 | 455.7 | 491.6 | 542.8 | 594.3 | 649.8 | 675.2 |
| 45° | 324.2 | 327.8 | 335.4 | 342.7 | 356.9 | 381.0 | 414.4 | 456.5 | 508.4 | 561.8 | 608.7 |
| 47.5° | 282.9 | 285.1 | 289.6 | 297.5 | 309.6 | 325.5 | 352.6 | 387.8 | 435.8 | 487.8 | 537.7 |
| 50° | 259.4 | 261.3 | 264.8 | 271.9 | 281.2 | 295.4 | 317.6 | 350.5 | 388.1 | 440.4 | 489.4 |
| 52.5° | 240.8 | 241.6 | 244.2 | 249.0 | 256.4 | 268.3 | 286.6 | 313.8 | 348.8 | 395.4 | 444.2 |
| 55° | 212.1 | 213.0 | 215.4 | 218.9 | 225.3 | 232.9 | 246.8 | 267.2 | 297.7 | 338.2 | 380.6 |
| 57.5° | 188.4 | 189.1 | 191.0 | 192.4 | 197.7 | 203.8 | 214.6 | 229.1 | 252.2 | 286.6 | 324.4 |
| 60° | 173.2 | 172.8 | 175.1 | 176.3 | 179.9 | 185.1 | 193.4 | 207.3 | 227.4 | 255.1 | 289.9 |
| 62.5° | 158.5 | 157.8 | 159.8 | 161.4 | 163.4 | 167.8 | 174.6 | 185.5 | 201.9 | 226.9 | 257.0 |
| 65° | 136.3 | 135.4 | 136.6 | 138.5 | 140.3 | 142.7 | 147.7 | 157.4 | 170.4 | 188.4 | 211.3 |
| 67.5° | 114.1 | 115.1 | 115.3 | 116.2 | 117.3 | 120.5 | 123.9 | 130.8 | 140.0 | 154.4 | 173.8 |
| 70° | 100.8 | 101.1 | 102.0 | 102.0 | 102.7 | 105.6 | 108.4 | 112.4 | 121.4 | 134.7 | 150.5 |
| 72.5° | 87.6 | 88.6 | 88.2 | 88.9 | 89.5 | 91.4 | 93.4 | 97.3 | 104.9 | 114.8 | 128.2 |
| 75° | 68.2 | 68.9 | 68.9 | 69.1 | 69.8 | 70.5 | 72.2 | 75.0 | 80.5 | 87.8 | 97.0 |
| 77.5° | 49.7 | 49.8 | 50.1 | 51.0 | 51.0 | 52.1 | 53.3 | 55.6 | 58.3 | 63.3 | 69.0 |
| 80° | 38.3 | 38.8 | 38.6 | 39.1 | 39.1 | 40.0 | 40.5 | 43.3 | 44.5 | 47.8 | 52.3 |
| 82.5° | 28.1 | 28.6 | 28.5 | 29.2 | 29.6 | 29.8 | 30.4 | 31.6 | 32.8 | 35.7 | 37.5 |
| 85° | 14.2 | 14.7 | 14.2 | 14.7 | 15.4 | 15.6 | 16.3 | 16.6 | 17.5 | 18.2 | 19.9 |
| 87.5° | 6.3 | 6.8 | 6.8 | 6.9 | 7.3 | 7.4 | 7.5 | 7.2 | 7.9 | 8.0 | 8.6 |
| 90° | 10.6 | 10.4 | 10.3 | 10.1 | 10.0 | 9.7 | 9.2 | 8.7 | 8.2 | 7.8 | 7.1 |
| 92.5° | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.4 | 8.9 | 8.4 | 8.0 | 7.5 | 6.9 |
| 95° | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.2 | 8.7 | 8.2 | 7.8 | 7.7 |
| 97.5° | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.4 | 9.3 | 18.1 |
| 100° | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 10.2 | 11.5 | 12.9 | 14.2 | 15.6 | 26.4 |
| 102.5° | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 17.3 | 31.7 | 46.1 | 60.5 | 74.9 | 76.3 |
| 105° | 100.7 | 103.5 | 106.4 | 109.2 | 112.0 | 113.1 | 112.4 | 111.7 | 111.0 | 110.3 | 109.9 |
| 107.5° | 140.4 | 140.1 | 139.8 | 139.5 | 139.2 | 138.9 | 138.5 | 138.2 | 137.8 | 137.5 | 136.9 |
| 110° | 157.6 | 157.4 | 157.2 | 156.9 | 156.7 | 156.5 | 156.3 | 156.2 | 156.0 | 155.9 | 155.4 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.9 | 174.6 | 174.3 | 174.0 | 173.7 | 173.5 | 173.6 | 173.6 | 173.6 | 173.7 | 173.4 |
| 115° | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 199.8 | 199.6 | 199.5 | 199.3 | 199.4 |
| 117.5° | 225.6 | 225.7 | 225.7 | 225.7 | 225.7 | 225.8 | 225.8 | 225.8 | 225.9 | 225.9 | 225.7 |
| 120° | 241.7 | 241.9 | 242.0 | 242.2 | 242.4 | 242.4 | 242.2 | 242.0 | 241.9 | 241.7 | 241.8 |
| 122.5° | 257.6 | 257.7 | 257.9 | 258.0 | 258.2 | 258.2 | 258.1 | 258.0 | 257.9 | 257.9 | 257.7 |
| 125° | 281.3 | 281.2 | 281.2 | 281.1 | 281.0 | 280.8 | 280.6 | 280.4 | 280.1 | 279.9 | 280.1 |
| 127.5° | 302.2 | 302.2 | 302.3 | 302.4 | 302.4 | 302.5 | 302.5 | 302.6 | 302.6 | 302.7 | 302.3 |
| 130° | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.2 | 316.1 | 316.0 | 316.0 | 315.7 |
| 132.5° | 329.3 | 329.4 | 329.4 | 329.5 | 329.6 | 329.6 | 329.5 | 329.4 | 329.3 | 329.2 | 328.9 |
| 135° | 348.8 | 348.7 | 348.5 | 348.3 | 348.2 | 348.0 | 347.9 | 347.7 | 347.6 | 347.4 | 347.1 |
| 137.5° | 365.5 | 365.5 | 365.6 | 365.6 | 365.7 | 365.6 | 365.5 | 365.3 | 365.1 | 364.9 | 364.6 |
| 140° | 377.1 | 377.0 | 376.9 | 376.9 | 376.8 | 376.6 | 376.4 | 376.1 | 375.9 | 375.7 | 375.5 |
| 142.5° | 386.7 | 386.7 | 386.7 | 386.7 | 386.6 | 386.5 | 386.4 | 386.2 | 386.0 | 385.9 | 385.8 |
| 145° | 401.5 | 401.3 | 401.2 | 401.0 | 400.8 | 400.7 | 400.7 | 400.6 | 400.5 | 400.4 | 400.4 |
| 147.5° | 413.7 | 413.6 | 413.5 | 413.5 | 413.4 | 413.3 | 413.3 | 413.2 | 413.1 | 413.1 | 413.1 |
| 150° | 421.6 | 421.5 | 421.5 | 421.4 | 421.3 | 421.3 | 421.3 | 421.3 | 421.3 | 421.3 | 421.3 |
| 152.5° | 428.4 | 428.5 | 428.5 | 428.5 | 428.6 | 428.6 | 428.4 | 428.3 | 428.2 | 428.1 | 428.2 |
| 155° | 437.5 | 437.8 | 438.0 | 438.2 | 438.5 | 438.4 | 438.1 | 437.8 | 437.5 | 437.2 | 437.4 |
| 157.5° | 445.2 | 445.6 | 446.0 | 446.4 | 446.8 | 446.8 | 446.4 | 446.0 | 445.6 | 445.2 | 445.4 |
| 160° | 450.2 | 450.7 | 451.2 | 451.7 | 452.1 | 452.1 | 451.7 | 451.2 | 450.7 | 450.2 | 450.3 |
| 162.5° | 454.2 | 454.7 | 455.3 | 455.8 | 456.3 | 456.4 | 455.9 | 455.4 | 455.0 | 454.5 | 454.6 |
| 165° | 459.8 | 460.5 | 461.2 | 461.9 | 462.6 | 462.7 | 462.0 | 461.4 | 460.8 | 460.1 | 460.1 |
| 167.5° | 464.0 | 464.7 | 465.5 | 466.3 | 467.1 | 467.1 | 466.5 | 465.8 | 465.1 | 464.4 | 464.4 |
| 170° | 466.5 | 467.3 | 468.1 | 468.9 | 469.6 | 469.7 | 469.1 | 468.5 | 467.8 | 467.2 | 467.1 |
| 172.5° | 467.9 | 468.8 | 469.6 | 470.5 | 471.3 | 471.4 | 470.8 | 470.2 | 469.5 | 468.9 | 468.8 |
| 175° | 469.7 | 470.6 | 471.6 | 472.5 | 473.5 | 473.6 | 472.9 | 472.2 | 471.5 | 470.7 | 470.7 |
| 177.5° | 470.8 | 471.6 | 472.3 | 473.1 | 473.8 | 474.0 | 473.5 | 473.0 | 472.5 | 471.9 | 471.8 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 589.7 | 587.0 | 585.1 | 583.6 | 579.5 | 577.0 | 575.1 | 572.5 | 569.4 | 566.2 | 562.2 |
| 5° | 623.1 | 615.1 | 609.2 | 600.2 | 591.7 | 584.6 | 577.2 | 570.6 | 562.6 | 553.8 | 547.4 |
| 7.5° | 658.3 | 646.3 | 631.0 | 617.7 | 602.7 | 589.7 | 578.1 | 566.2 | 553.8 | 541.7 | 530.7 |
| 10° | 680.7 | 665.3 | 648.2 | 628.1 | 609.2 | 592.4 | 576.8 | 561.6 | 546.9 | 532.3 | 519.7 |
| 12.5° | 704.7 | 685.5 | 660.3 | 636.8 | 615.6 | 593.1 | 574.3 | 555.7 | 538.0 | 522.6 | 508.0 |
| 15° | 737.0 | 709.3 | 680.2 | 648.7 | 620.8 | 594.5 | 568.7 | 545.3 | 525.4 | 505.0 | 490.8 |
| 17.5° | 756.8 | 722.5 | 689.3 | 656.4 | 622.6 | 589.4 | 561.6 | 534.6 | 509.7 | 489.5 | 471.6 |
| 20° | 769.9 | 735.8 | 694.4 | 661.5 | 621.3 | 587.2 | 555.0 | 524.9 | 498.9 | 477.4 | 458.9 |
| 22.5° | 781.2 | 741.9 | 700.4 | 657.1 | 617.1 | 580.9 | 545.7 | 515.5 | 488.9 | 466.2 | 448.5 |
| 25° | 787.4 | 742.2 | 697.2 | 654.1 | 608.7 | 565.9 | 533.9 | 498.4 | 470.0 | 446.1 | 427.2 |
| 27.5° | 788.1 | 739.7 | 688.8 | 641.0 | 594.1 | 554.2 | 513.9 | 482.1 | 452.7 | 427.4 | 409.2 |
| 30° | 786.0 | 735.6 | 680.9 | 629.1 | 582.0 | 538.7 | 503.6 | 469.1 | 439.0 | 413.9 | 395.0 |
| 32.5° | 779.3 | 726.9 | 670.7 | 615.8 | 567.0 | 524.6 | 488.5 | 455.6 | 426.3 | 401.6 | 381.7 |
| 35° | 760.2 | 708.3 | 648.5 | 591.4 | 541.5 | 498.7 | 466.0 | 432.6 | 403.3 | 379.9 | 360.7 |
| 37.5° | 730.2 | 683.4 | 622.5 | 563.5 | 514.4 | 471.4 | 439.0 | 408.9 | 382.4 | 358.6 | 339.0 |
| 40° | 704.1 | 662.9 | 601.8 | 544.3 | 491.3 | 450.4 | 420.1 | 392.4 | 366.1 | 343.6 | 324.9 |
| 42.5° | 674.0 | 638.1 | 581.8 | 520.9 | 469.7 | 428.6 | 399.1 | 374.2 | 349.5 | 328.7 | 310.0 |
| 45° | 620.3 | 596.6 | 543.6 | 487.3 | 434.0 | 395.2 | 367.1 | 345.3 | 324.5 | 304.1 | 288.5 |
| 47.5° | 558.6 | 546.8 | 502.2 | 448.7 | 398.2 | 359.9 | 335.5 | 315.4 | 297.1 | 279.9 | 266.1 |
| 50° | 517.1 | 511.4 | 472.9 | 421.3 | 373.0 | 337.0 | 312.4 | 295.1 | 279.5 | 264.4 | 251.3 |
| 52.5° | 476.2 | 476.0 | 441.2 | 394.0 | 349.3 | 314.7 | 290.2 | 274.1 | 260.6 | 248.3 | 236.6 |
| 55° | 413.7 | 420.3 | 393.1 | 351.0 | 311.0 | 279.7 | 257.7 | 243.3 | 233.8 | 223.7 | 214.9 |
| 57.5° | 356.3 | 367.3 | 344.8 | 307.7 | 274.3 | 245.6 | 226.4 | 215.6 | 205.5 | 199.3 | 192.9 |
| 60° | 318.8 | 329.2 | 311.7 | 280.5 | 249.0 | 224.4 | 206.1 | 196.4 | 187.7 | 183.4 | 178.9 |
| 62.5° | 285.5 | 294.7 | 281.8 | 252.8 | 225.5 | 201.8 | 186.4 | 177.1 | 171.2 | 166.6 | 163.6 |
| 65° | 237.9 | 245.7 | 234.5 | 213.5 | 190.0 | 171.1 | 158.6 | 151.2 | 145.6 | 143.7 | 140.3 |
| 67.5° | 192.3 | 199.4 | 193.4 | 175.5 | 156.7 | 142.3 | 132.5 | 125.5 | 122.1 | 120.5 | 118.1 |
| 70° | 165.2 | 172.3 | 165.9 | 150.3 | 135.8 | 123.8 | 114.5 | 110.5 | 107.0 | 106.3 | 103.0 |
| 72.5° | 142.3 | 147.1 | 140.7 | 128.5 | 116.2 | 106.0 | 98.8 | 94.6 | 92.8 | 91.5 | 89.7 |
| 75° | 106.7 | 111.0 | 106.7 | 97.3 | 88.5 | 81.4 | 75.3 | 73.6 | 71.5 | 70.8 | 69.6 |
| 77.5° | 75.5 | 79.2 | 76.0 | 70.1 | 63.5 | 58.0 | 54.7 | 52.6 | 52.1 | 50.9 | 51.5 |
| 80° | 57.7 | 60.1 | 57.0 | 53.0 | 47.8 | 44.0 | 41.7 | 40.5 | 39.1 | 38.6 | 39.5 |
| 82.5° | 41.5 | 42.5 | 40.9 | 38.2 | 34.4 | 31.9 | 30.3 | 28.9 | 28.6 | 28.7 | 28.7 |
| 85° | 21.5 | 21.3 | 21.1 | 18.7 | 17.5 | 15.9 | 14.9 | 14.7 | 14.4 | 14.9 | 15.4 |
| 87.5° | 8.5 | 8.6 | 8.2 | 7.3 | 6.6 | 5.9 | 5.5 | 5.1 | 5.5 | 5.9 | 6.2 |
| 90° | 6.5 | 5.9 | 5.3 | 4.5 | 3.7 | 2.8 | 1.9 | 1.1 | 1.9 | 2.8 | 3.7 |
| 92.5° | 6.2 | 5.6 | 5.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 |
| 95° | 7.6 | 7.5 | 7.5 | 8.8 | 11.4 | 14.1 | 16.8 | 19.4 | 16.8 | 14.1 | 11.4 |
| 97.5° | 26.9 | 35.6 | 44.4 | 47.9 | 46.3 | 44.6 | 42.9 | 41.3 | 42.9 | 44.6 | 46.3 |
| 100° | 37.2 | 48.1 | 58.9 | 63.6 | 62.2 | 60.8 | 59.4 | 58.0 | 59.4 | 60.8 | 62.2 |
| 102.5° | 77.8 | 79.2 | 80.6 | 80.8 | 79.7 | 78.7 | 77.7 | 76.6 | 77.7 | 78.7 | 79.7 |
| 105° | 109.5 | 109.1 | 108.7 | 108.3 | 107.8 | 107.3 | 106.8 | 106.4 | 106.8 | 107.3 | 107.8 |
| 107.5° | 136.4 | 135.9 | 135.3 | 135.0 | 134.7 | 134.5 | 134.2 | 134.0 | 134.2 | 134.5 | 134.7 |
| 110° | 154.9 | 154.4 | 154.0 | 153.6 | 153.4 | 153.1 | 152.9 | 152.7 | 152.9 | 153.1 | 153.4 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.2 | 173.0 | 172.8 | 172.5 | 172.0 | 171.6 | 171.2 | 170.8 | 171.2 | 171.6 | 172.0 |
| 115° | 199.5 | 199.6 | 199.6 | 199.6 | 199.3 | 199.1 | 198.9 | 198.6 | 198.9 | 199.1 | 199.3 |
| 117.5° | 225.6 | 225.4 | 225.2 | 225.0 | 224.7 | 224.3 | 224.0 | 223.7 | 224.0 | 224.3 | 224.7 |
| 120° | 241.9 | 242.0 | 242.0 | 241.9 | 241.6 | 241.3 | 241.0 | 240.7 | 241.0 | 241.3 | 241.6 |
| 122.5° | 257.6 | 257.5 | 257.4 | 257.3 | 257.1 | 256.9 | 256.7 | 256.5 | 256.7 | 256.9 | 257.1 |
| 125° | 280.2 | 280.4 | 280.5 | 280.5 | 280.1 | 279.8 | 279.5 | 279.2 | 279.5 | 279.8 | 280.1 |
| 127.5° | 301.9 | 301.6 | 301.2 | 301.0 | 300.9 | 300.8 | 300.8 | 300.7 | 300.8 | 300.8 | 300.9 |
| 130° | 315.5 | 315.2 | 315.0 | 314.9 | 314.8 | 314.7 | 314.6 | 314.5 | 314.6 | 314.7 | 314.8 |
| 132.5° | 328.6 | 328.3 | 328.0 | 327.8 | 327.7 | 327.5 | 327.4 | 327.3 | 327.4 | 327.5 | 327.7 |
| 135° | 346.8 | 346.5 | 346.1 | 346.0 | 346.1 | 346.2 | 346.3 | 346.3 | 346.3 | 346.2 | 346.1 |
| 137.5° | 364.2 | 363.9 | 363.6 | 363.4 | 363.3 | 363.3 | 363.3 | 363.2 | 363.3 | 363.3 | 363.3 |
| 140° | 375.4 | 375.2 | 375.0 | 374.9 | 374.7 | 374.6 | 374.4 | 374.3 | 374.4 | 374.6 | 374.7 |
| 142.5° | 385.7 | 385.6 | 385.5 | 385.3 | 385.0 | 384.7 | 384.4 | 384.2 | 384.4 | 384.7 | 385.0 |
| 145° | 400.4 | 400.4 | 400.4 | 400.3 | 400.1 | 399.8 | 399.6 | 399.4 | 399.6 | 399.8 | 400.1 |
| 147.5° | 413.2 | 413.3 | 413.4 | 413.2 | 412.8 | 412.3 | 411.9 | 411.4 | 411.9 | 412.3 | 412.8 |
| 150° | 421.4 | 421.5 | 421.6 | 421.5 | 421.2 | 420.8 | 420.5 | 420.2 | 420.5 | 420.8 | 421.2 |
| 152.5° | 428.3 | 428.5 | 428.6 | 428.6 | 428.3 | 428.1 | 427.8 | 427.6 | 427.8 | 428.1 | 428.3 |
| 155° | 437.6 | 437.9 | 438.1 | 438.2 | 438.1 | 438.0 | 438.0 | 437.9 | 438.0 | 438.0 | 438.1 |
| 157.5° | 445.7 | 446.0 | 446.2 | 446.4 | 446.4 | 446.5 | 446.5 | 446.6 | 446.5 | 446.5 | 446.4 |
| 160° | 450.4 | 450.5 | 450.6 | 450.7 | 451.0 | 451.2 | 451.4 | 451.7 | 451.4 | 451.2 | 451.0 |
| 162.5° | 454.6 | 454.7 | 454.8 | 455.0 | 455.3 | 455.6 | 455.9 | 456.2 | 455.9 | 455.6 | 455.3 |
| 165° | 460.1 | 460.1 | 460.1 | 460.3 | 460.7 | 461.1 | 461.5 | 461.9 | 461.5 | 461.1 | 460.7 |
| 167.5° | 464.5 | 464.5 | 464.6 | 464.8 | 465.2 | 465.6 | 466.0 | 466.4 | 466.0 | 465.6 | 465.2 |
| 170° | 467.1 | 467.0 | 466.9 | 467.1 | 467.6 | 468.0 | 468.5 | 469.0 | 468.5 | 468.0 | 467.6 |
| 172.5° | 468.8 | 468.7 | 468.6 | 468.8 | 469.3 | 469.7 | 470.2 | 470.7 | 470.2 | 469.7 | 469.3 |
| 175° | 470.6 | 470.5 | 470.4 | 470.6 | 471.1 | 471.6 | 472.0 | 472.5 | 472.0 | 471.6 | 471.1 |
| 177.5° | 471.7 | 471.6 | 471.4 | 471.6 | 472.0 | 472.5 | 472.9 | 473.4 | 472.9 | 472.5 | 472.0 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 560.3 | 558.6 | 556.2 | 552.8 | 549.9 | 546.9 | 546.1 | 545.0 | 547.3 | 545.4 | 544.8 |
| 5° | 542.0 | 537.0 | 530.6 | 523.3 | 519.0 | 512.9 | 511.7 | 509.3 | 506.9 | 506.7 | 504.3 |
| 7.5° | 522.5 | 515.2 | 506.8 | 499.4 | 492.5 | 485.7 | 481.3 | 480.4 | 476.9 | 474.8 | 472.5 |
| 10° | 510.0 | 501.0 | 491.3 | 484.2 | 476.2 | 469.1 | 464.1 | 461.3 | 458.9 | 456.3 | 453.9 |
| 12.5° | 495.3 | 485.7 | 477.7 | 470.0 | 460.5 | 455.1 | 446.9 | 442.0 | 441.5 | 441.5 | 435.4 |
| 15° | 478.1 | 468.6 | 456.3 | 445.4 | 440.2 | 429.8 | 425.3 | 419.6 | 416.1 | 412.5 | 409.7 |
| 17.5° | 458.4 | 446.6 | 437.0 | 424.5 | 414.6 | 406.3 | 400.4 | 397.0 | 391.6 | 386.6 | 383.0 |
| 20° | 446.1 | 433.6 | 423.4 | 410.1 | 399.3 | 389.1 | 384.1 | 379.4 | 375.4 | 371.1 | 367.1 |
| 22.5° | 433.6 | 420.5 | 408.1 | 395.2 | 385.1 | 374.3 | 369.5 | 363.1 | 359.3 | 356.9 | 352.9 |
| 25° | 413.9 | 399.7 | 385.5 | 373.2 | 362.8 | 353.3 | 347.0 | 342.0 | 337.7 | 335.8 | 333.2 |
| 27.5° | 392.5 | 378.4 | 364.7 | 350.7 | 338.9 | 332.0 | 326.9 | 323.2 | 320.7 | 318.2 | 317.0 |
| 30° | 378.9 | 364.2 | 349.6 | 336.5 | 325.7 | 318.8 | 314.1 | 311.5 | 309.6 | 308.4 | 307.2 |
| 32.5° | 365.1 | 350.6 | 335.2 | 323.3 | 313.5 | 307.4 | 303.8 | 301.2 | 300.3 | 299.9 | 299.4 |
| 35° | 342.9 | 328.3 | 314.1 | 303.4 | 294.2 | 291.8 | 288.7 | 287.3 | 286.8 | 288.5 | 289.2 |
| 37.5° | 321.5 | 307.9 | 294.8 | 284.5 | 278.4 | 275.0 | 273.9 | 274.0 | 275.7 | 277.1 | 278.8 |
| 40° | 307.7 | 294.4 | 282.1 | 273.1 | 267.4 | 265.3 | 264.8 | 266.0 | 267.9 | 269.6 | 271.5 |
| 42.5° | 294.2 | 281.2 | 270.0 | 261.6 | 257.6 | 255.6 | 255.9 | 257.1 | 259.8 | 261.8 | 264.6 |
| 45° | 273.4 | 262.5 | 251.6 | 244.7 | 241.4 | 241.9 | 241.9 | 244.0 | 246.6 | 249.7 | 252.8 |
| 47.5° | 253.7 | 242.7 | 233.8 | 228.0 | 226.3 | 225.9 | 227.2 | 230.0 | 233.7 | 237.5 | 241.8 |
| 50° | 240.5 | 230.0 | 222.2 | 217.0 | 215.1 | 215.8 | 217.7 | 220.3 | 224.8 | 229.6 | 234.1 |
| 52.5° | 227.0 | 217.5 | 210.3 | 205.5 | 204.1 | 205.4 | 207.3 | 211.4 | 215.4 | 220.5 | 225.9 |
| 55° | 206.1 | 198.1 | 192.4 | 188.9 | 188.4 | 189.1 | 191.2 | 195.7 | 201.4 | 207.8 | 213.0 |
| 57.5° | 185.4 | 178.6 | 173.4 | 171.0 | 171.2 | 171.9 | 175.4 | 180.7 | 186.8 | 193.6 | 200.3 |
| 60° | 171.3 | 165.2 | 160.9 | 159.0 | 159.3 | 160.7 | 165.0 | 169.9 | 177.5 | 184.1 | 191.2 |
| 62.5° | 158.1 | 152.7 | 148.6 | 146.9 | 146.6 | 149.7 | 153.8 | 158.9 | 166.5 | 173.9 | 181.6 |
| 65° | 136.8 | 132.5 | 129.2 | 128.3 | 129.0 | 131.4 | 136.6 | 143.4 | 149.8 | 157.6 | 165.7 |
| 67.5° | 116.0 | 112.5 | 110.2 | 110.6 | 111.5 | 115.0 | 119.3 | 125.2 | 132.5 | 140.6 | 148.5 |
| 70° | 102.7 | 99.4 | 97.5 | 97.7 | 99.2 | 103.4 | 107.2 | 113.1 | 120.9 | 129.2 | 135.8 |
| 72.5° | 89.1 | 86.9 | 85.2 | 86.2 | 87.6 | 90.5 | 95.3 | 101.2 | 108.1 | 115.8 | 122.8 |
| 75° | 68.4 | 68.4 | 67.5 | 68.2 | 70.3 | 73.1 | 76.7 | 82.8 | 89.7 | 95.9 | 101.5 |
| 77.5° | 50.7 | 50.2 | 50.8 | 51.7 | 52.9 | 56.3 | 60.4 | 64.8 | 69.9 | 76.1 | 80.8 |
| 80° | 38.8 | 39.1 | 40.2 | 41.7 | 42.1 | 44.7 | 49.0 | 53.0 | 57.0 | 62.2 | 66.7 |
| 82.5° | 29.2 | 29.4 | 30.0 | 31.8 | 32.3 | 35.1 | 37.8 | 41.8 | 45.5 | 49.0 | 52.7 |
| 85° | 15.9 | 15.9 | 17.0 | 17.8 | 18.9 | 20.8 | 22.5 | 24.9 | 28.2 | 30.5 | 34.1 |
| 87.5° | 7.0 | 7.1 | 8.0 | 8.5 | 9.2 | 10.3 | 10.7 | 12.9 | 13.8 | 14.8 | 16.6 |
| 90° | 4.5 | 5.3 | 5.9 | 6.5 | 7.1 | 7.8 | 8.2 | 8.7 | 9.2 | 9.7 | 10.0 |
| 92.5° | 4.6 | 5.0 | 5.6 | 6.2 | 6.9 | 7.5 | 8.0 | 8.4 | 8.9 | 9.4 | 9.6 |
| 95° | 8.8 | 7.5 | 7.5 | 7.6 | 7.7 | 7.8 | 8.2 | 8.7 | 9.2 | 9.7 | 9.9 |
| 97.5° | 47.9 | 44.4 | 35.6 | 26.9 | 18.1 | 9.3 | 9.4 | 9.4 | 9.5 | 9.5 | 9.6 |
| 100° | 63.6 | 58.9 | 48.1 | 37.2 | 26.4 | 15.6 | 14.2 | 12.9 | 11.5 | 10.2 | 9.6 |
| 102.5° | 80.8 | 80.6 | 79.2 | 77.8 | 76.3 | 74.9 | 60.5 | 46.1 | 31.7 | 17.3 | 10.1 |
| 105° | 108.3 | 108.7 | 109.1 | 109.5 | 109.9 | 110.3 | 111.0 | 111.7 | 112.4 | 113.1 | 112.0 |
| 107.5° | 135.0 | 135.3 | 135.9 | 136.4 | 136.9 | 137.5 | 137.8 | 138.2 | 138.5 | 138.9 | 139.2 |
| 110° | 153.6 | 154.0 | 154.4 | 154.9 | 155.4 | 155.9 | 156.0 | 156.2 | 156.3 | 156.5 | 156.7 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.5 | 172.8 | 173.0 | 173.2 | 173.4 | 173.7 | 173.6 | 173.6 | 173.6 | 173.5 | 173.7 |
| 115° | 199.6 | 199.6 | 199.6 | 199.5 | 199.4 | 199.3 | 199.5 | 199.6 | 199.8 | 200.0 | 200.0 |
| 117.5° | 225.0 | 225.2 | 225.4 | 225.6 | 225.7 | 225.9 | 225.9 | 225.8 | 225.8 | 225.8 | 225.7 |
| 120° | 241.9 | 242.0 | 242.0 | 241.9 | 241.8 | 241.7 | 241.9 | 242.0 | 242.2 | 242.4 | 242.4 |
| 122.5° | 257.3 | 257.4 | 257.5 | 257.6 | 257.7 | 257.9 | 257.9 | 258.0 | 258.1 | 258.2 | 258.2 |
| 125° | 280.5 | 280.5 | 280.4 | 280.2 | 280.1 | 279.9 | 280.1 | 280.4 | 280.6 | 280.8 | 281.0 |
| 127.5° | 301.0 | 301.2 | 301.6 | 301.9 | 302.3 | 302.7 | 302.6 | 302.6 | 302.5 | 302.5 | 302.4 |
| 130° | 314.9 | 315.0 | 315.2 | 315.5 | 315.7 | 316.0 | 316.0 | 316.1 | 316.2 | 316.3 | 316.3 |
| 132.5° | 327.8 | 328.0 | 328.3 | 328.6 | 328.9 | 329.2 | 329.3 | 329.4 | 329.5 | 329.6 | 329.6 |
| 135° | 346.0 | 346.1 | 346.5 | 346.8 | 347.1 | 347.4 | 347.6 | 347.7 | 347.9 | 348.0 | 348.2 |
| 137.5° | 363.4 | 363.6 | 363.9 | 364.2 | 364.6 | 364.9 | 365.1 | 365.3 | 365.5 | 365.6 | 365.7 |
| 140° | 374.9 | 375.0 | 375.2 | 375.4 | 375.5 | 375.7 | 375.9 | 376.1 | 376.4 | 376.6 | 376.8 |
| 142.5° | 385.3 | 385.5 | 385.6 | 385.7 | 385.8 | 385.9 | 386.0 | 386.2 | 386.4 | 386.5 | 386.6 |
| 145° | 400.3 | 400.4 | 400.4 | 400.4 | 400.4 | 400.4 | 400.5 | 400.6 | 400.7 | 400.7 | 400.8 |
| 147.5° | 413.2 | 413.4 | 413.3 | 413.2 | 413.1 | 413.1 | 413.1 | 413.2 | 413.3 | 413.3 | 413.4 |
| 150° | 421.5 | 421.6 | 421.5 | 421.4 | 421.3 | 421.3 | 421.3 | 421.3 | 421.3 | 421.3 | 421.3 |
| 152.5° | 428.6 | 428.6 | 428.5 | 428.3 | 428.2 | 428.1 | 428.2 | 428.3 | 428.4 | 428.6 | 428.6 |
| 155° | 438.2 | 438.1 | 437.9 | 437.6 | 437.4 | 437.2 | 437.5 | 437.8 | 438.1 | 438.4 | 438.5 |
| 157.5° | 446.4 | 446.2 | 446.0 | 445.7 | 445.4 | 445.2 | 445.6 | 446.0 | 446.4 | 446.8 | 446.8 |
| 160° | 450.7 | 450.6 | 450.5 | 450.4 | 450.3 | 450.2 | 450.7 | 451.2 | 451.7 | 452.1 | 452.1 |
| 162.5° | 455.0 | 454.8 | 454.7 | 454.6 | 454.6 | 454.5 | 455.0 | 455.4 | 455.9 | 456.4 | 456.3 |
| 165° | 460.3 | 460.1 | 460.1 | 460.1 | 460.1 | 460.1 | 460.8 | 461.4 | 462.0 | 462.7 | 462.6 |
| 167.5° | 464.8 | 464.6 | 464.5 | 464.5 | 464.4 | 464.4 | 465.1 | 465.8 | 466.5 | 467.1 | 467.1 |
| 170° | 467.1 | 466.9 | 467.0 | 467.1 | 467.1 | 467.2 | 467.8 | 468.5 | 469.1 | 469.7 | 469.6 |
| 172.5° | 468.8 | 468.6 | 468.7 | 468.8 | 468.8 | 468.9 | 469.5 | 470.2 | 470.8 | 471.4 | 471.3 |
| 175° | 470.6 | 470.4 | 470.5 | 470.6 | 470.7 | 470.7 | 471.5 | 472.2 | 472.9 | 473.6 | 473.5 |
| 177.5° | 471.6 | 471.4 | 471.6 | 471.7 | 471.8 | 471.9 | 472.5 | 473.0 | 473.5 | 474.0 | 473.8 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 544.4 | 544.1 | 542.7 | 542.5 | 542.7 | 544.1 | 544.4 | 544.8 | 545.4 | 547.3 | 545.0 |
| 5° | 502.9 | 501.7 | 501.0 | 503.6 | 501.0 | 501.7 | 502.9 | 504.3 | 506.7 | 506.9 | 509.3 |
| 7.5° | 471.6 | 470.7 | 468.6 | 467.9 | 468.6 | 470.7 | 471.6 | 472.5 | 474.8 | 476.9 | 480.4 |
| 10° | 451.6 | 450.6 | 448.7 | 448.2 | 448.7 | 450.6 | 451.6 | 453.9 | 456.3 | 458.9 | 461.3 |
| 12.5° | 432.2 | 430.4 | 430.0 | 430.5 | 430.0 | 430.4 | 432.2 | 435.4 | 441.5 | 441.5 | 442.0 |
| 15° | 406.6 | 405.6 | 403.0 | 403.8 | 403.0 | 405.6 | 406.6 | 409.7 | 412.5 | 416.1 | 419.6 |
| 17.5° | 381.3 | 380.2 | 377.0 | 379.8 | 377.0 | 380.2 | 381.3 | 383.0 | 386.6 | 391.6 | 397.0 |
| 20° | 365.4 | 363.5 | 361.9 | 361.6 | 361.9 | 363.5 | 365.4 | 367.1 | 371.1 | 375.4 | 379.4 |
| 22.5° | 350.3 | 348.6 | 348.4 | 346.9 | 348.4 | 348.6 | 350.3 | 352.9 | 356.9 | 359.3 | 363.1 |
| 25° | 331.3 | 329.7 | 329.2 | 328.0 | 329.2 | 329.7 | 331.3 | 333.2 | 335.8 | 337.7 | 342.0 |
| 27.5° | 316.8 | 316.0 | 315.1 | 315.5 | 315.1 | 316.0 | 316.8 | 317.0 | 318.2 | 320.7 | 323.2 |
| 30° | 307.9 | 307.7 | 307.2 | 307.2 | 307.2 | 307.7 | 307.9 | 307.2 | 308.4 | 309.6 | 311.5 |
| 32.5° | 300.5 | 300.5 | 300.8 | 300.8 | 300.8 | 300.5 | 300.5 | 299.4 | 299.9 | 300.3 | 301.2 |
| 35° | 290.2 | 290.9 | 291.3 | 290.6 | 291.3 | 290.9 | 290.2 | 289.2 | 288.5 | 286.8 | 287.3 |
| 37.5° | 280.8 | 281.5 | 282.2 | 283.0 | 282.2 | 281.5 | 280.8 | 278.8 | 277.1 | 275.7 | 274.0 |
| 40° | 273.6 | 275.2 | 275.7 | 276.9 | 275.7 | 275.2 | 273.6 | 271.5 | 269.6 | 267.9 | 266.0 |
| 42.5° | 266.8 | 268.6 | 269.8 | 270.1 | 269.8 | 268.6 | 266.8 | 264.6 | 261.8 | 259.8 | 257.1 |
| 45° | 256.3 | 258.2 | 259.9 | 259.9 | 259.9 | 258.2 | 256.3 | 252.8 | 249.7 | 246.6 | 244.0 |
| 47.5° | 245.5 | 248.2 | 249.9 | 250.3 | 249.9 | 248.2 | 245.5 | 241.8 | 237.5 | 233.7 | 230.0 |
| 50° | 238.1 | 241.4 | 243.1 | 244.2 | 243.1 | 241.4 | 238.1 | 234.1 | 229.6 | 224.8 | 220.3 |
| 52.5° | 230.9 | 234.2 | 236.4 | 237.0 | 236.4 | 234.2 | 230.9 | 225.9 | 220.5 | 215.4 | 211.4 |
| 55° | 218.4 | 223.2 | 225.8 | 226.7 | 225.8 | 223.2 | 218.4 | 213.0 | 207.8 | 201.4 | 195.7 |
| 57.5° | 206.7 | 211.1 | 214.1 | 214.8 | 214.1 | 211.1 | 206.7 | 200.3 | 193.6 | 186.8 | 180.7 |
| 60° | 197.6 | 202.4 | 206.1 | 206.8 | 206.1 | 202.4 | 197.6 | 191.2 | 184.1 | 177.5 | 169.9 |
| 62.5° | 188.3 | 193.3 | 196.7 | 198.5 | 196.7 | 193.3 | 188.3 | 181.6 | 173.9 | 166.5 | 158.9 |
| 65° | 172.3 | 177.3 | 180.6 | 181.3 | 180.6 | 177.3 | 172.3 | 165.7 | 157.6 | 149.8 | 143.4 |
| 67.5° | 154.8 | 159.8 | 161.9 | 163.3 | 161.9 | 159.8 | 154.8 | 148.5 | 140.6 | 132.5 | 125.2 |
| 70° | 142.5 | 146.5 | 148.9 | 150.0 | 148.9 | 146.5 | 142.5 | 135.8 | 129.2 | 120.9 | 113.1 |
| 72.5° | 128.5 | 132.7 | 135.4 | 135.7 | 135.4 | 132.7 | 128.5 | 122.8 | 115.8 | 108.1 | 101.2 |
| 75° | 107.0 | 110.8 | 112.2 | 112.2 | 112.2 | 110.8 | 107.0 | 101.5 | 95.9 | 89.7 | 82.8 |
| 77.5° | 84.7 | 86.6 | 88.4 | 88.8 | 88.4 | 86.6 | 84.7 | 80.8 | 76.1 | 69.9 | 64.8 |
| 80° | 70.3 | 71.5 | 72.9 | 72.9 | 72.9 | 71.5 | 70.3 | 66.7 | 62.2 | 57.0 | 53.0 |
| 82.5° | 55.5 | 56.5 | 57.9 | 57.7 | 57.9 | 56.5 | 55.5 | 52.7 | 49.0 | 45.5 | 41.8 |
| 85° | 33.6 | 35.7 | 35.5 | 35.0 | 35.5 | 35.7 | 33.6 | 34.1 | 30.5 | 28.2 | 24.9 |
| 87.5° | 17.2 | 17.4 | 18.0 | 18.4 | 18.0 | 17.4 | 17.2 | 16.6 | 14.8 | 13.8 | 12.9 |
| 90° | 10.1 | 10.3 | 10.4 | 10.6 | 10.4 | 10.3 | 10.1 | 10.0 | 9.7 | 9.2 | 8.7 |
| 92.5° | 9.7 | 9.7 | 9.7 | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.4 | 8.9 | 8.4 |
| 95° | 10.0 | 10.1 | 10.2 | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.2 | 8.7 |
| 97.5° | 9.7 | 9.7 | 9.8 | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 |
| 100° | 9.7 | 9.7 | 9.8 | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 10.2 | 11.5 | 12.9 |
| 102.5° | 10.1 | 10.1 | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 17.3 | 31.7 | 46.1 |
| 105° | 109.2 | 106.4 | 103.5 | 100.7 | 103.5 | 106.4 | 109.2 | 112.0 | 113.1 | 112.4 | 111.7 |
| 107.5° | 139.5 | 139.8 | 140.1 | 140.4 | 140.1 | 139.8 | 139.5 | 139.2 | 138.9 | 138.5 | 138.2 |
| 110° | 156.9 | 157.2 | 157.4 | 157.6 | 157.4 | 157.2 | 156.9 | 156.7 | 156.5 | 156.3 | 156.2 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.0 | 174.3 | 174.6 | 174.9 | 174.6 | 174.3 | 174.0 | 173.7 | 173.5 | 173.6 | 173.6 |
| 115° | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 199.8 | 199.6 |
| 117.5° | 225.7 | 225.7 | 225.7 | 225.6 | 225.7 | 225.7 | 225.7 | 225.7 | 225.8 | 225.8 | 225.8 |
| 120° | 242.2 | 242.0 | 241.9 | 241.7 | 241.9 | 242.0 | 242.2 | 242.4 | 242.4 | 242.2 | 242.0 |
| 122.5° | 258.0 | 257.9 | 257.7 | 257.6 | 257.7 | 257.9 | 258.0 | 258.2 | 258.2 | 258.1 | 258.0 |
| 125° | 281.1 | 281.2 | 281.2 | 281.3 | 281.2 | 281.2 | 281.1 | 281.0 | 280.8 | 280.6 | 280.4 |
| 127.5° | 302.4 | 302.3 | 302.2 | 302.2 | 302.2 | 302.3 | 302.4 | 302.4 | 302.5 | 302.5 | 302.6 |
| 130° | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.2 | 316.1 |
| 132.5° | 329.5 | 329.4 | 329.4 | 329.3 | 329.4 | 329.4 | 329.5 | 329.6 | 329.6 | 329.5 | 329.4 |
| 135° | 348.3 | 348.5 | 348.7 | 348.8 | 348.7 | 348.5 | 348.3 | 348.2 | 348.0 | 347.9 | 347.7 |
| 137.5° | 365.6 | 365.6 | 365.5 | 365.5 | 365.5 | 365.6 | 365.6 | 365.7 | 365.6 | 365.5 | 365.3 |
| 140° | 376.9 | 376.9 | 377.0 | 377.1 | 377.0 | 376.9 | 376.9 | 376.8 | 376.6 | 376.4 | 376.1 |
| 142.5° | 386.7 | 386.7 | 386.7 | 386.7 | 386.7 | 386.7 | 386.7 | 386.6 | 386.5 | 386.4 | 386.2 |
| 145° | 401.0 | 401.2 | 401.3 | 401.5 | 401.3 | 401.2 | 401.0 | 400.8 | 400.7 | 400.7 | 400.6 |
| 147.5° | 413.5 | 413.5 | 413.6 | 413.7 | 413.6 | 413.5 | 413.5 | 413.4 | 413.3 | 413.3 | 413.2 |
| 150° | 421.4 | 421.5 | 421.5 | 421.6 | 421.5 | 421.5 | 421.4 | 421.3 | 421.3 | 421.3 | 421.3 |
| 152.5° | 428.5 | 428.5 | 428.5 | 428.4 | 428.5 | 428.5 | 428.5 | 428.6 | 428.6 | 428.4 | 428.3 |
| 155° | 438.2 | 438.0 | 437.8 | 437.5 | 437.8 | 438.0 | 438.2 | 438.5 | 438.4 | 438.1 | 437.8 |
| 157.5° | 446.4 | 446.0 | 445.6 | 445.2 | 445.6 | 446.0 | 446.4 | 446.8 | 446.8 | 446.4 | 446.0 |
| 160° | 451.7 | 451.2 | 450.7 | 450.2 | 450.7 | 451.2 | 451.7 | 452.1 | 452.1 | 451.7 | 451.2 |
| 162.5° | 455.8 | 455.3 | 454.7 | 454.2 | 454.7 | 455.3 | 455.8 | 456.3 | 456.4 | 455.9 | 455.4 |
| 165° | 461.9 | 461.2 | 460.5 | 459.8 | 460.5 | 461.2 | 461.9 | 462.6 | 462.7 | 462.0 | 461.4 |
| 167.5° | 466.3 | 465.5 | 464.7 | 464.0 | 464.7 | 465.5 | 466.3 | 467.1 | 467.1 | 466.5 | 465.8 |
| 170° | 468.9 | 468.1 | 467.3 | 466.5 | 467.3 | 468.1 | 468.9 | 469.6 | 469.7 | 469.1 | 468.5 |
| 172.5° | 470.5 | 469.6 | 468.8 | 467.9 | 468.8 | 469.6 | 470.5 | 471.3 | 471.4 | 470.8 | 470.2 |
| 175° | 472.5 | 471.6 | 470.6 | 469.7 | 470.6 | 471.6 | 472.5 | 473.5 | 473.6 | 472.9 | 472.2 |
| 177.5° | 473.1 | 472.3 | 471.6 | 470.8 | 471.6 | 472.3 | 473.1 | 473.8 | 474.0 | 473.5 | 473.0 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 546.1 | 546.9 | 549.9 | 552.8 | 556.2 | 558.6 | 560.3 | 562.2 | 566.2 | 569.4 | 572.5 |
| 5° | 511.7 | 512.9 | 519.0 | 523.3 | 530.6 | 537.0 | 542.0 | 547.4 | 553.8 | 562.6 | 570.6 |
| 7.5° | 481.3 | 485.7 | 492.5 | 499.4 | 506.8 | 515.2 | 522.5 | 530.7 | 541.7 | 553.8 | 566.2 |
| 10° | 464.1 | 469.1 | 476.2 | 484.2 | 491.3 | 501.0 | 510.0 | 519.7 | 532.3 | 546.9 | 561.6 |
| 12.5° | 446.9 | 455.1 | 460.5 | 470.0 | 477.7 | 485.7 | 495.3 | 508.0 | 522.6 | 538.0 | 555.7 |
| 15° | 425.3 | 429.8 | 440.2 | 445.4 | 456.3 | 468.6 | 478.1 | 490.8 | 505.0 | 525.4 | 545.3 |
| 17.5° | 400.4 | 406.3 | 414.6 | 424.5 | 437.0 | 446.6 | 458.4 | 471.6 | 489.5 | 509.7 | 534.6 |
| 20° | 384.1 | 389.1 | 399.3 | 410.1 | 423.4 | 433.6 | 446.1 | 458.9 | 477.4 | 498.9 | 524.9 |
| 22.5° | 369.5 | 374.3 | 385.1 | 395.2 | 408.1 | 420.5 | 433.6 | 448.5 | 466.2 | 488.9 | 515.5 |
| 25° | 347.0 | 353.3 | 362.8 | 373.2 | 385.5 | 399.7 | 413.9 | 427.2 | 446.1 | 470.0 | 498.4 |
| 27.5° | 326.9 | 332.0 | 338.9 | 350.7 | 364.7 | 378.4 | 392.5 | 409.2 | 427.4 | 452.7 | 482.1 |
| 30° | 314.1 | 318.8 | 325.7 | 336.5 | 349.6 | 364.2 | 378.9 | 395.0 | 413.9 | 439.0 | 469.1 |
| 32.5° | 303.8 | 307.4 | 313.5 | 323.3 | 335.2 | 350.6 | 365.1 | 381.7 | 401.6 | 426.3 | 455.6 |
| 35° | 288.7 | 291.8 | 294.2 | 303.4 | 314.1 | 328.3 | 342.9 | 360.7 | 379.9 | 403.3 | 432.6 |
| 37.5° | 273.9 | 275.0 | 278.4 | 284.5 | 294.8 | 307.9 | 321.5 | 339.0 | 358.6 | 382.4 | 408.9 |
| 40° | 264.8 | 265.3 | 267.4 | 273.1 | 282.1 | 294.4 | 307.7 | 324.9 | 343.6 | 366.1 | 392.4 |
| 42.5° | 255.9 | 255.6 | 257.6 | 261.6 | 270.0 | 281.2 | 294.2 | 310.0 | 328.7 | 349.5 | 374.2 |
| 45° | 241.9 | 241.9 | 241.4 | 244.7 | 251.6 | 262.5 | 273.4 | 288.5 | 304.1 | 324.5 | 345.3 |
| 47.5° | 227.2 | 225.9 | 226.3 | 228.0 | 233.8 | 242.7 | 253.7 | 266.1 | 279.9 | 297.1 | 315.4 |
| 50° | 217.7 | 215.8 | 215.1 | 217.0 | 222.2 | 230.0 | 240.5 | 251.3 | 264.4 | 279.5 | 295.1 |
| 52.5° | 207.3 | 205.4 | 204.1 | 205.5 | 210.3 | 217.5 | 227.0 | 236.6 | 248.3 | 260.6 | 274.1 |
| 55° | 191.2 | 189.1 | 188.4 | 188.9 | 192.4 | 198.1 | 206.1 | 214.9 | 223.7 | 233.8 | 243.3 |
| 57.5° | 175.4 | 171.9 | 171.2 | 171.0 | 173.4 | 178.6 | 185.4 | 192.9 | 199.3 | 205.5 | 215.6 |
| 60° | 165.0 | 160.7 | 159.3 | 159.0 | 160.9 | 165.2 | 171.3 | 178.9 | 183.4 | 187.7 | 196.4 |
| 62.5° | 153.8 | 149.7 | 146.6 | 146.9 | 148.6 | 152.7 | 158.1 | 163.6 | 166.6 | 171.2 | 177.1 |
| 65° | 136.6 | 131.4 | 129.0 | 128.3 | 129.2 | 132.5 | 136.8 | 140.3 | 143.7 | 145.6 | 151.2 |
| 67.5° | 119.3 | 115.0 | 111.5 | 110.6 | 110.2 | 112.5 | 116.0 | 118.1 | 120.5 | 122.1 | 125.5 |
| 70° | 107.2 | 103.4 | 99.2 | 97.7 | 97.5 | 99.4 | 102.7 | 103.0 | 106.3 | 107.0 | 110.5 |
| 72.5° | 95.3 | 90.5 | 87.6 | 86.2 | 85.2 | 86.9 | 89.1 | 89.7 | 91.5 | 92.8 | 94.6 |
| 75° | 76.7 | 73.1 | 70.3 | 68.2 | 67.5 | 68.4 | 68.4 | 69.6 | 70.8 | 71.5 | 73.6 |
| 77.5° | 60.4 | 56.3 | 52.9 | 51.7 | 50.8 | 50.2 | 50.7 | 51.5 | 50.9 | 52.1 | 52.6 |
| 80° | 49.0 | 44.7 | 42.1 | 41.7 | 40.2 | 39.1 | 38.8 | 39.5 | 38.6 | 39.1 | 40.5 |
| 82.5° | 37.8 | 35.1 | 32.3 | 31.8 | 30.0 | 29.4 | 29.2 | 28.7 | 28.7 | 28.6 | 28.9 |
| 85° | 22.5 | 20.8 | 18.9 | 17.8 | 17.0 | 15.9 | 15.9 | 15.4 | 14.9 | 14.4 | 14.7 |
| 87.5° | 10.7 | 10.3 | 9.2 | 8.5 | 8.0 | 7.1 | 7.0 | 6.2 | 5.9 | 5.5 | 5.1 |
| 90° | 8.2 | 7.8 | 7.1 | 6.5 | 5.9 | 5.3 | 4.5 | 3.7 | 2.8 | 1.9 | 1.1 |
| 92.5° | 8.0 | 7.5 | 6.9 | 6.2 | 5.6 | 5.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 |
| 95° | 8.2 | 7.8 | 7.7 | 7.6 | 7.5 | 7.5 | 8.8 | 11.4 | 14.1 | 16.8 | 19.4 |
| 97.5° | 9.4 | 9.3 | 18.1 | 26.9 | 35.6 | 44.4 | 47.9 | 46.3 | 44.6 | 42.9 | 41.3 |
| 100° | 14.2 | 15.6 | 26.4 | 37.2 | 48.1 | 58.9 | 63.6 | 62.2 | 60.8 | 59.4 | 58.0 |
| 102.5° | 60.5 | 74.9 | 76.3 | 77.8 | 79.2 | 80.6 | 80.8 | 79.7 | 78.7 | 77.7 | 76.6 |
| 105° | 111.0 | 110.3 | 109.9 | 109.5 | 109.1 | 108.7 | 108.3 | 107.8 | 107.3 | 106.8 | 106.4 |
| 107.5° | 137.8 | 137.5 | 136.9 | 136.4 | 135.9 | 135.3 | 135.0 | 134.7 | 134.5 | 134.2 | 134.0 |
| 110° | 156.0 | 155.9 | 155.4 | 154.9 | 154.4 | 154.0 | 153.6 | 153.4 | 153.1 | 152.9 | 152.7 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.6 | 173.7 | 173.4 | 173.2 | 173.0 | 172.8 | 172.5 | 172.0 | 171.6 | 171.2 | 170.8 |
| 115° | 199.5 | 199.3 | 199.4 | 199.5 | 199.6 | 199.6 | 199.6 | 199.3 | 199.1 | 198.9 | 198.6 |
| 117.5° | 225.9 | 225.9 | 225.7 | 225.6 | 225.4 | 225.2 | 225.0 | 224.7 | 224.3 | 224.0 | 223.7 |
| 120° | 241.9 | 241.7 | 241.8 | 241.9 | 242.0 | 242.0 | 241.9 | 241.6 | 241.3 | 241.0 | 240.7 |
| 122.5° | 257.9 | 257.9 | 257.7 | 257.6 | 257.5 | 257.4 | 257.3 | 257.1 | 256.9 | 256.7 | 256.5 |
| 125° | 280.1 | 279.9 | 280.1 | 280.2 | 280.4 | 280.5 | 280.5 | 280.1 | 279.8 | 279.5 | 279.2 |
| 127.5° | 302.6 | 302.7 | 302.3 | 301.9 | 301.6 | 301.2 | 301.0 | 300.9 | 300.8 | 300.8 | 300.7 |
| 130° | 316.0 | 316.0 | 315.7 | 315.5 | 315.2 | 315.0 | 314.9 | 314.8 | 314.7 | 314.6 | 314.5 |
| 132.5° | 329.3 | 329.2 | 328.9 | 328.6 | 328.3 | 328.0 | 327.8 | 327.7 | 327.5 | 327.4 | 327.3 |
| 135° | 347.6 | 347.4 | 347.1 | 346.8 | 346.5 | 346.1 | 346.0 | 346.1 | 346.2 | 346.3 | 346.3 |
| 137.5° | 365.1 | 364.9 | 364.6 | 364.2 | 363.9 | 363.6 | 363.4 | 363.3 | 363.3 | 363.3 | 363.2 |
| 140° | 375.9 | 375.7 | 375.5 | 375.4 | 375.2 | 375.0 | 374.9 | 374.7 | 374.6 | 374.4 | 374.3 |
| 142.5° | 386.0 | 385.9 | 385.8 | 385.7 | 385.6 | 385.5 | 385.3 | 385.0 | 384.7 | 384.4 | 384.2 |
| 145° | 400.5 | 400.4 | 400.4 | 400.4 | 400.4 | 400.4 | 400.3 | 400.1 | 399.8 | 399.6 | 399.4 |
| 147.5° | 413.1 | 413.1 | 413.1 | 413.2 | 413.3 | 413.4 | 413.2 | 412.8 | 412.3 | 411.9 | 411.4 |
| 150° | 421.3 | 421.3 | 421.3 | 421.4 | 421.5 | 421.6 | 421.5 | 421.2 | 420.8 | 420.5 | 420.2 |
| 152.5° | 428.2 | 428.1 | 428.2 | 428.3 | 428.5 | 428.6 | 428.6 | 428.3 | 428.1 | 427.8 | 427.6 |
| 155° | 437.5 | 437.2 | 437.4 | 437.6 | 437.9 | 438.1 | 438.2 | 438.1 | 438.0 | 438.0 | 437.9 |
| 157.5° | 445.6 | 445.2 | 445.4 | 445.7 | 446.0 | 446.2 | 446.4 | 446.4 | 446.5 | 446.5 | 446.6 |
| 160° | 450.7 | 450.2 | 450.3 | 450.4 | 450.5 | 450.6 | 450.7 | 451.0 | 451.2 | 451.4 | 451.7 |
| 162.5° | 455.0 | 454.5 | 454.6 | 454.6 | 454.7 | 454.8 | 455.0 | 455.3 | 455.6 | 455.9 | 456.2 |
| 165° | 460.8 | 460.1 | 460.1 | 460.1 | 460.1 | 460.1 | 460.3 | 460.7 | 461.1 | 461.5 | 461.9 |
| 167.5° | 465.1 | 464.4 | 464.4 | 464.5 | 464.5 | 464.6 | 464.8 | 465.2 | 465.6 | 466.0 | 466.4 |
| 170° | 467.8 | 467.2 | 467.1 | 467.1 | 467.0 | 466.9 | 467.1 | 467.6 | 468.0 | 468.5 | 469.0 |
| 172.5° | 469.5 | 468.9 | 468.8 | 468.8 | 468.7 | 468.6 | 468.8 | 469.3 | 469.7 | 470.2 | 470.7 |
| 175° | 471.5 | 470.7 | 470.7 | 470.6 | 470.5 | 470.4 | 470.6 | 471.1 | 471.6 | 472.0 | 472.5 |
| 177.5° | 472.5 | 471.9 | 471.8 | 471.7 | 471.6 | 471.4 | 471.6 | 472.0 | 472.5 | 472.9 | 473.4 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 575.1 | 577.0 | 579.5 | 583.6 | 585.1 | 587.0 | 589.7 | 589.5 | 590.2 | 593.1 | 599.1 |
| 5° | 577.2 | 584.6 | 591.7 | 600.2 | 609.2 | 615.1 | 623.1 | 628.1 | 633.1 | 639.5 | 650.4 |
| 7.5° | 578.1 | 589.7 | 602.7 | 617.7 | 631.0 | 646.3 | 658.3 | 669.6 | 679.8 | 693.2 | 706.2 |
| 10° | 576.8 | 592.4 | 609.2 | 628.1 | 648.2 | 665.3 | 680.7 | 698.2 | 713.1 | 729.4 | 744.1 |
| 12.5° | 574.3 | 593.1 | 615.6 | 636.8 | 660.3 | 685.5 | 704.7 | 722.4 | 742.2 | 761.0 | 783.7 |
| 15° | 568.7 | 594.5 | 620.8 | 648.7 | 680.2 | 709.3 | 737.0 | 759.9 | 781.2 | 809.4 | 839.0 |
| 17.5° | 561.6 | 589.4 | 622.6 | 656.4 | 689.3 | 722.5 | 756.8 | 791.3 | 818.2 | 853.2 | 876.3 |
| 20° | 555.0 | 587.2 | 621.3 | 661.5 | 694.4 | 735.8 | 769.9 | 803.2 | 840.2 | 875.0 | 902.7 |
| 22.5° | 545.7 | 580.9 | 617.1 | 657.1 | 700.4 | 741.9 | 781.2 | 817.4 | 854.4 | 892.2 | 925.7 |
| 25° | 533.9 | 565.9 | 608.7 | 654.1 | 697.2 | 742.2 | 787.4 | 832.8 | 872.6 | 912.6 | 943.8 |
| 27.5° | 513.9 | 554.2 | 594.1 | 641.0 | 688.8 | 739.7 | 788.1 | 835.6 | 877.3 | 910.2 | 929.5 |
| 30° | 503.6 | 538.7 | 582.0 | 629.1 | 680.9 | 735.6 | 786.0 | 832.6 | 871.4 | 897.7 | 905.5 |
| 32.5° | 488.5 | 524.6 | 567.0 | 615.8 | 670.7 | 726.9 | 779.3 | 823.3 | 855.7 | 869.5 | 860.1 |
| 35° | 466.0 | 498.7 | 541.5 | 591.4 | 648.5 | 708.3 | 760.2 | 797.3 | 813.9 | 800.9 | 768.5 |
| 37.5° | 439.0 | 471.4 | 514.4 | 563.5 | 622.5 | 683.4 | 730.2 | 757.0 | 751.5 | 719.1 | 670.8 |
| 40° | 420.1 | 450.4 | 491.3 | 544.3 | 601.8 | 662.9 | 704.1 | 718.5 | 703.4 | 657.0 | 605.6 |
| 42.5° | 399.1 | 428.6 | 469.7 | 520.9 | 581.8 | 638.1 | 674.0 | 675.2 | 649.8 | 594.3 | 542.8 |
| 45° | 367.1 | 395.2 | 434.0 | 487.3 | 543.6 | 596.6 | 620.3 | 608.7 | 561.8 | 508.4 | 456.5 |
| 47.5° | 335.5 | 359.9 | 398.2 | 448.7 | 502.2 | 546.8 | 558.6 | 537.7 | 487.8 | 435.8 | 387.8 |
| 50° | 312.4 | 337.0 | 373.0 | 421.3 | 472.9 | 511.4 | 517.1 | 489.4 | 440.4 | 388.1 | 350.5 |
| 52.5° | 290.2 | 314.7 | 349.3 | 394.0 | 441.2 | 476.0 | 476.2 | 444.2 | 395.4 | 348.8 | 313.8 |
| 55° | 257.7 | 279.7 | 311.0 | 351.0 | 393.1 | 420.3 | 413.7 | 380.6 | 338.2 | 297.7 | 267.2 |
| 57.5° | 226.4 | 245.6 | 274.3 | 307.7 | 344.8 | 367.3 | 356.3 | 324.4 | 286.6 | 252.2 | 229.1 |
| 60° | 206.1 | 224.4 | 249.0 | 280.5 | 311.7 | 329.2 | 318.8 | 289.9 | 255.1 | 227.4 | 207.3 |
| 62.5° | 186.4 | 201.8 | 225.5 | 252.8 | 281.8 | 294.7 | 285.5 | 257.0 | 226.9 | 201.9 | 185.5 |
| 65° | 158.6 | 171.1 | 190.0 | 213.5 | 234.5 | 245.7 | 237.9 | 211.3 | 188.4 | 170.4 | 157.4 |
| 67.5° | 132.5 | 142.3 | 156.7 | 175.5 | 193.4 | 199.4 | 192.3 | 173.8 | 154.4 | 140.0 | 130.8 |
| 70° | 114.5 | 123.8 | 135.8 | 150.3 | 165.9 | 172.3 | 165.2 | 150.5 | 134.7 | 121.4 | 112.4 |
| 72.5° | 98.8 | 106.0 | 116.2 | 128.5 | 140.7 | 147.1 | 142.3 | 128.2 | 114.8 | 104.9 | 97.3 |
| 75° | 75.3 | 81.4 | 88.5 | 97.3 | 106.7 | 111.0 | 106.7 | 97.0 | 87.8 | 80.5 | 75.0 |
| 77.5° | 54.7 | 58.0 | 63.5 | 70.1 | 76.0 | 79.2 | 75.5 | 69.0 | 63.3 | 58.3 | 55.6 |
| 80° | 41.7 | 44.0 | 47.8 | 53.0 | 57.0 | 60.1 | 57.7 | 52.3 | 47.8 | 44.5 | 43.3 |
| 82.5° | 30.3 | 31.9 | 34.4 | 38.2 | 40.9 | 42.5 | 41.5 | 37.5 | 35.7 | 32.8 | 31.6 |
| 85° | 14.9 | 15.9 | 17.5 | 18.7 | 21.1 | 21.3 | 21.5 | 19.9 | 18.2 | 17.5 | 16.6 |
| 87.5° | 5.5 | 5.9 | 6.6 | 7.3 | 8.2 | 8.6 | 8.5 | 8.6 | 8.0 | 7.9 | 7.2 |
| 90° | 1.9 | 2.8 | 3.7 | 4.5 | 5.3 | 5.9 | 6.5 | 7.1 | 7.8 | 8.2 | 8.7 |
| 92.5° | 4.5 | 4.5 | 4.6 | 4.6 | 5.0 | 5.6 | 6.2 | 6.9 | 7.5 | 8.0 | 8.4 |
| 95° | 16.8 | 14.1 | 11.4 | 8.8 | 7.5 | 7.5 | 7.6 | 7.7 | 7.8 | 8.2 | 8.7 |
| 97.5° | 42.9 | 44.6 | 46.3 | 47.9 | 44.4 | 35.6 | 26.9 | 18.1 | 9.3 | 9.4 | 9.4 |
| 100° | 59.4 | 60.8 | 62.2 | 63.6 | 58.9 | 48.1 | 37.2 | 26.4 | 15.6 | 14.2 | 12.9 |
| 102.5° | 77.7 | 78.7 | 79.7 | 80.8 | 80.6 | 79.2 | 77.8 | 76.3 | 74.9 | 60.5 | 46.1 |
| 105° | 106.8 | 107.3 | 107.8 | 108.3 | 108.7 | 109.1 | 109.5 | 109.9 | 110.3 | 111.0 | 111.7 |
| 107.5° | 134.2 | 134.5 | 134.7 | 135.0 | 135.3 | 135.9 | 136.4 | 136.9 | 137.5 | 137.8 | 138.2 |
| 110° | 152.9 | 153.1 | 153.4 | 153.6 | 154.0 | 154.4 | 154.9 | 155.4 | 155.9 | 156.0 | 156.2 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 171.2 | 171.6 | 172.0 | 172.5 | 172.8 | 173.0 | 173.2 | 173.4 | 173.7 | 173.6 | 173.6 |
| 115° | 198.9 | 199.1 | 199.3 | 199.6 | 199.6 | 199.6 | 199.5 | 199.4 | 199.3 | 199.5 | 199.6 |
| 117.5° | 224.0 | 224.3 | 224.7 | 225.0 | 225.2 | 225.4 | 225.6 | 225.7 | 225.9 | 225.9 | 225.8 |
| 120° | 241.0 | 241.3 | 241.6 | 241.9 | 242.0 | 242.0 | 241.9 | 241.8 | 241.7 | 241.9 | 242.0 |
| 122.5° | 256.7 | 256.9 | 257.1 | 257.3 | 257.4 | 257.5 | 257.6 | 257.7 | 257.9 | 257.9 | 258.0 |
| 125° | 279.5 | 279.8 | 280.1 | 280.5 | 280.5 | 280.4 | 280.2 | 280.1 | 279.9 | 280.1 | 280.4 |
| 127.5° | 300.8 | 300.8 | 300.9 | 301.0 | 301.2 | 301.6 | 301.9 | 302.3 | 302.7 | 302.6 | 302.6 |
| 130° | 314.6 | 314.7 | 314.8 | 314.9 | 315.0 | 315.2 | 315.5 | 315.7 | 316.0 | 316.0 | 316.1 |
| 132.5° | 327.4 | 327.5 | 327.7 | 327.8 | 328.0 | 328.3 | 328.6 | 328.9 | 329.2 | 329.3 | 329.4 |
| 135° | 346.3 | 346.2 | 346.1 | 346.0 | 346.1 | 346.5 | 346.8 | 347.1 | 347.4 | 347.6 | 347.7 |
| 137.5° | 363.3 | 363.3 | 363.3 | 363.4 | 363.6 | 363.9 | 364.2 | 364.6 | 364.9 | 365.1 | 365.3 |
| 140° | 374.4 | 374.6 | 374.7 | 374.9 | 375.0 | 375.2 | 375.4 | 375.5 | 375.7 | 375.9 | 376.1 |
| 142.5° | 384.4 | 384.7 | 385.0 | 385.3 | 385.5 | 385.6 | 385.7 | 385.8 | 385.9 | 386.0 | 386.2 |
| 145° | 399.6 | 399.8 | 400.1 | 400.3 | 400.4 | 400.4 | 400.4 | 400.4 | 400.4 | 400.5 | 400.6 |
| 147.5° | 411.9 | 412.3 | 412.8 | 413.2 | 413.4 | 413.3 | 413.2 | 413.1 | 413.1 | 413.1 | 413.2 |
| 150° | 420.5 | 420.8 | 421.2 | 421.5 | 421.6 | 421.5 | 421.4 | 421.3 | 421.3 | 421.3 | 421.3 |
| 152.5° | 427.8 | 428.1 | 428.3 | 428.6 | 428.6 | 428.5 | 428.3 | 428.2 | 428.1 | 428.2 | 428.3 |
| 155° | 438.0 | 438.0 | 438.1 | 438.2 | 438.1 | 437.9 | 437.6 | 437.4 | 437.2 | 437.5 | 437.8 |
| 157.5° | 446.5 | 446.5 | 446.4 | 446.4 | 446.2 | 446.0 | 445.7 | 445.4 | 445.2 | 445.6 | 446.0 |
| 160° | 451.4 | 451.2 | 451.0 | 450.7 | 450.6 | 450.5 | 450.4 | 450.3 | 450.2 | 450.7 | 451.2 |
| 162.5° | 455.9 | 455.6 | 455.3 | 455.0 | 454.8 | 454.7 | 454.6 | 454.6 | 454.5 | 455.0 | 455.4 |
| 165° | 461.5 | 461.1 | 460.7 | 460.3 | 460.1 | 460.1 | 460.1 | 460.1 | 460.1 | 460.8 | 461.4 |
| 167.5° | 466.0 | 465.6 | 465.2 | 464.8 | 464.6 | 464.5 | 464.5 | 464.4 | 464.4 | 465.1 | 465.8 |
| 170° | 468.5 | 468.0 | 467.6 | 467.1 | 466.9 | 467.0 | 467.1 | 467.1 | 467.2 | 467.8 | 468.5 |
| 172.5° | 470.2 | 469.7 | 469.3 | 468.8 | 468.6 | 468.7 | 468.8 | 468.8 | 468.9 | 469.5 | 470.2 |
| 175° | 472.0 | 471.6 | 471.1 | 470.6 | 470.4 | 470.5 | 470.6 | 470.7 | 470.7 | 471.5 | 472.2 |
| 177.5° | 472.9 | 472.5 | 472.0 | 471.6 | 471.4 | 471.6 | 471.7 | 471.8 | 471.9 | 472.5 | 473.0 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |
| 2.5° | 602.2 | 602.6 | 604.3 | 605.6 | 606.0 | 607.9 | 608.0 |
| 5° | 655.1 | 659.1 | 666.9 | 667.6 | 668.8 | 675.0 | 670.2 |
| 7.5° | 717.1 | 727.3 | 734.1 | 740.2 | 742.3 | 745.0 | 744.5 |
| 10° | 756.9 | 772.0 | 779.6 | 791.7 | 792.1 | 795.2 | 793.3 |
| 12.5° | 796.8 | 814.4 | 828.2 | 830.5 | 840.6 | 842.2 | 844.8 |
| 15° | 853.4 | 872.1 | 891.3 | 898.2 | 912.1 | 915.4 | 920.6 |
| 17.5° | 906.6 | 925.7 | 939.2 | 956.9 | 962.7 | 970.3 | 965.1 |
| 20° | 935.8 | 956.6 | 973.7 | 987.6 | 993.5 | 997.8 | 997.3 |
| 22.5° | 953.4 | 974.4 | 988.2 | 998.8 | 1004.3 | 1006.1 | 1006.0 |
| 25° | 964.4 | 976.5 | 980.8 | 984.8 | 978.6 | 976.5 | 977.4 |
| 27.5° | 933.7 | 930.6 | 919.5 | 904.9 | 889.8 | 877.8 | 871.2 |
| 30° | 891.5 | 873.1 | 856.3 | 826.9 | 811.8 | 802.8 | 794.7 |
| 32.5° | 831.7 | 802.4 | 770.1 | 743.2 | 726.0 | 712.7 | 710.7 |
| 35° | 729.2 | 685.2 | 645.6 | 612.7 | 595.7 | 581.3 | 577.9 |
| 37.5° | 619.9 | 574.2 | 538.6 | 509.6 | 491.3 | 481.1 | 471.6 |
| 40° | 547.4 | 508.1 | 473.1 | 448.5 | 434.5 | 427.2 | 421.3 |
| 42.5° | 491.6 | 455.7 | 420.8 | 402.1 | 389.5 | 385.0 | 381.5 |
| 45° | 414.4 | 381.0 | 356.9 | 342.7 | 335.4 | 327.8 | 324.2 |
| 47.5° | 352.6 | 325.5 | 309.6 | 297.5 | 289.6 | 285.1 | 282.9 |
| 50° | 317.6 | 295.4 | 281.2 | 271.9 | 264.8 | 261.3 | 259.4 |
| 52.5° | 286.6 | 268.3 | 256.4 | 249.0 | 244.2 | 241.6 | 240.8 |
| 55° | 246.8 | 232.9 | 225.3 | 218.9 | 215.4 | 213.0 | 212.1 |
| 57.5° | 214.6 | 203.8 | 197.7 | 192.4 | 191.0 | 189.1 | 188.4 |
| 60° | 193.4 | 185.1 | 179.9 | 176.3 | 175.1 | 172.8 | 173.2 |
| 62.5° | 174.6 | 167.8 | 163.4 | 161.4 | 159.8 | 157.8 | 158.5 |
| 65° | 147.7 | 142.7 | 140.3 | 138.5 | 136.6 | 135.4 | 136.3 |
| 67.5° | 123.9 | 120.5 | 117.3 | 116.2 | 115.3 | 115.1 | 114.1 |
| 70° | 108.4 | 105.6 | 102.7 | 102.0 | 102.0 | 101.1 | 100.8 |
| 72.5° | 93.4 | 91.4 | 89.5 | 88.9 | 88.2 | 88.6 | 87.6 |
| 75° | 72.2 | 70.5 | 69.8 | 69.1 | 68.9 | 68.9 | 68.2 |
| 77.5° | 53.3 | 52.1 | 51.0 | 51.0 | 50.1 | 49.8 | 49.7 |
| 80° | 40.5 | 40.0 | 39.1 | 39.1 | 38.6 | 38.8 | 38.3 |
| 82.5° | 30.4 | 29.8 | 29.6 | 29.2 | 28.5 | 28.6 | 28.1 |
| 85° | 16.3 | 15.6 | 15.4 | 14.7 | 14.2 | 14.7 | 14.2 |
| 87.5° | 7.5 | 7.4 | 7.3 | 6.9 | 6.8 | 6.8 | 6.3 |
| 90° | 9.2 | 9.7 | 10.0 | 10.1 | 10.3 | 10.4 | 10.6 |
| 92.5° | 8.9 | 9.4 | 9.6 | 9.7 | 9.7 | 9.7 | 9.8 |
| 95° | 9.2 | 9.7 | 9.9 | 10.0 | 10.1 | 10.2 | 10.2 |
| 97.5° | 9.5 | 9.5 | 9.6 | 9.7 | 9.7 | 9.8 | 9.9 |
| 100° | 11.5 | 10.2 | 9.6 | 9.7 | 9.7 | 9.8 | 9.9 |
| 102.5° | 31.7 | 17.3 | 10.1 | 10.1 | 10.1 | 10.2 | 10.2 |
| 105° | 112.4 | 113.1 | 112.0 | 109.2 | 106.4 | 103.5 | 100.7 |
| 107.5° | 138.5 | 138.9 | 139.2 | 139.5 | 139.8 | 140.1 | 140.4 |
| 110° | 156.3 | 156.5 | 156.7 | 156.9 | 157.2 | 157.4 | 157.6 |



TEST NUMBER: P332490

CATALOG NUMBER: S124DIP-S350D365U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.6 | 173.5 | 173.7 | 174.0 | 174.3 | 174.6 | 174.9 |
| 115° | 199.8 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 |
| 117.5° | 225.8 | 225.8 | 225.7 | 225.7 | 225.7 | 225.7 | 225.6 |
| 120° | 242.2 | 242.4 | 242.4 | 242.2 | 242.0 | 241.9 | 241.7 |
| 122.5° | 258.1 | 258.2 | 258.2 | 258.0 | 257.9 | 257.7 | 257.6 |
| 125° | 280.6 | 280.8 | 281.0 | 281.1 | 281.2 | 281.2 | 281.3 |
| 127.5° | 302.5 | 302.5 | 302.4 | 302.4 | 302.3 | 302.2 | 302.2 |
| 130° | 316.2 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 | 316.3 |
| 132.5° | 329.5 | 329.6 | 329.6 | 329.5 | 329.4 | 329.4 | 329.3 |
| 135° | 347.9 | 348.0 | 348.2 | 348.3 | 348.5 | 348.7 | 348.8 |
| 137.5° | 365.5 | 365.6 | 365.7 | 365.6 | 365.6 | 365.5 | 365.5 |
| 140° | 376.4 | 376.6 | 376.8 | 376.9 | 376.9 | 377.0 | 377.1 |
| 142.5° | 386.4 | 386.5 | 386.6 | 386.7 | 386.7 | 386.7 | 386.7 |
| 145° | 400.7 | 400.7 | 400.8 | 401.0 | 401.2 | 401.3 | 401.5 |
| 147.5° | 413.3 | 413.3 | 413.4 | 413.5 | 413.5 | 413.6 | 413.7 |
| 150° | 421.3 | 421.3 | 421.3 | 421.4 | 421.5 | 421.5 | 421.6 |
| 152.5° | 428.4 | 428.6 | 428.6 | 428.5 | 428.5 | 428.5 | 428.4 |
| 155° | 438.1 | 438.4 | 438.5 | 438.2 | 438.0 | 437.8 | 437.5 |
| 157.5° | 446.4 | 446.8 | 446.8 | 446.4 | 446.0 | 445.6 | 445.2 |
| 160° | 451.7 | 452.1 | 452.1 | 451.7 | 451.2 | 450.7 | 450.2 |
| 162.5° | 455.9 | 456.4 | 456.3 | 455.8 | 455.3 | 454.7 | 454.2 |
| 165° | 462.0 | 462.7 | 462.6 | 461.9 | 461.2 | 460.5 | 459.8 |
| 167.5° | 466.5 | 467.1 | 467.1 | 466.3 | 465.5 | 464.7 | 464.0 |
| 170° | 469.1 | 469.7 | 469.6 | 468.9 | 468.1 | 467.3 | 466.5 |
| 172.5° | 470.8 | 471.4 | 471.3 | 470.5 | 469.6 | 468.8 | 467.9 |
| 175° | 472.9 | 473.6 | 473.5 | 472.5 | 471.6 | 470.6 | 469.7 |
| 177.5° | 473.5 | 474.0 | 473.8 | 473.1 | 472.3 | 471.6 | 470.8 |
| 180° | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 | 472.5 |

(END OF REPORT)