

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: P332492-830

Luminaire Tested: **SA4XXDIP-C350D365U830-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332492-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

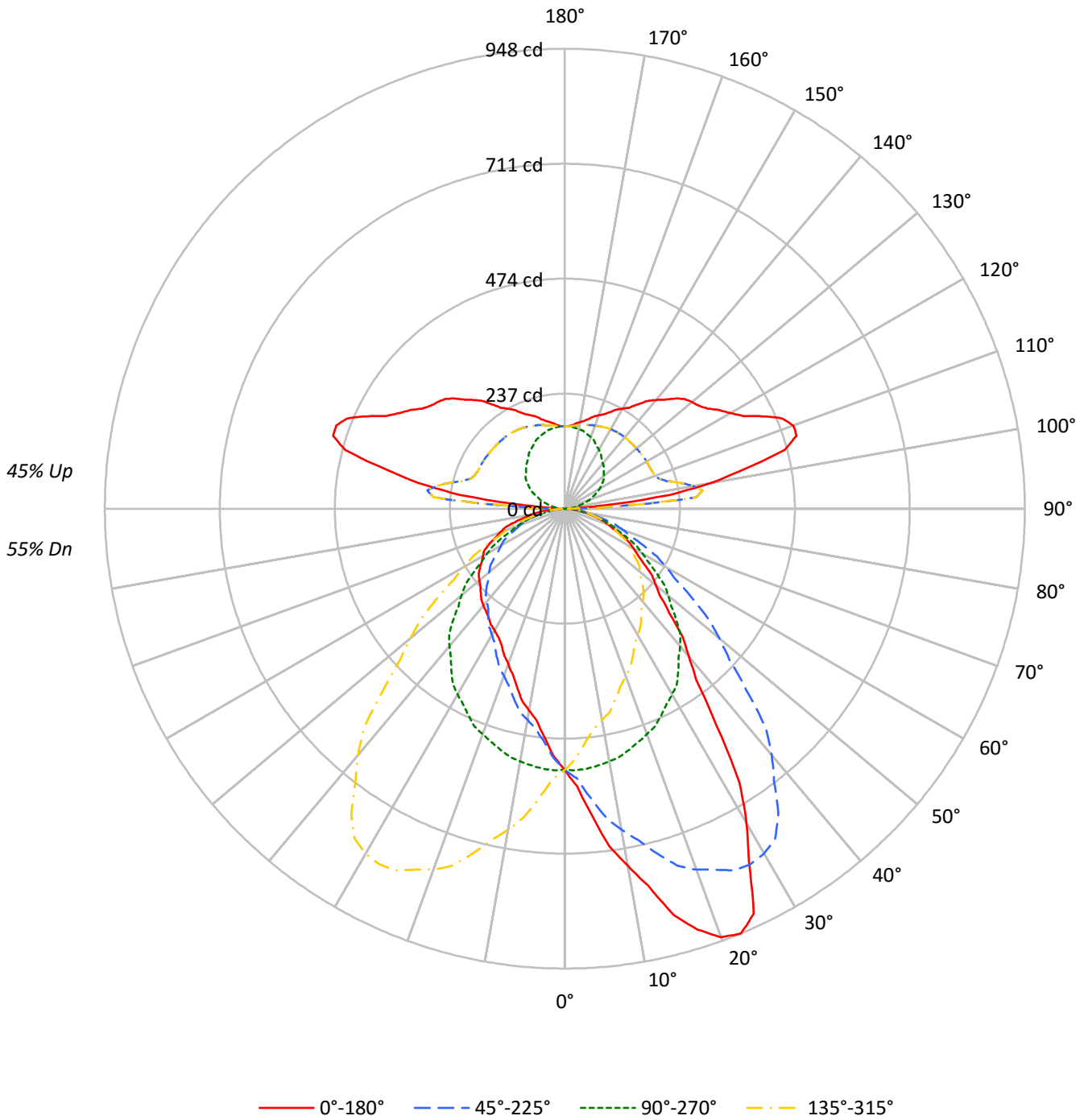
Lumens per Lamp: N/A
Luminaire Lumens: 2719.8 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

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: P332492-830
CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 | 55 |
| 1 | 99 | 95 | 91 | 87 | 92 | 88 | 85 | 82 | 76 | 73 | 71 | 64 | 63 | 61 | 54 | 53 | 51 | 46 |
| 2 | 90 | 83 | 77 | 72 | 84 | 77 | 72 | 68 | 67 | 63 | 59 | 57 | 54 | 51 | 48 | 46 | 44 | 39 |
| 3 | 83 | 73 | 66 | 60 | 76 | 68 | 62 | 57 | 59 | 54 | 50 | 50 | 47 | 44 | 42 | 40 | 38 | 34 |
| 4 | 76 | 65 | 57 | 51 | 70 | 61 | 54 | 48 | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 33 | 29 |
| 5 | 70 | 58 | 50 | 44 | 64 | 54 | 47 | 42 | 47 | 42 | 37 | 41 | 36 | 33 | 34 | 31 | 28 | 25 |
| 6 | 64 | 52 | 44 | 38 | 59 | 49 | 42 | 36 | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 | 22 |
| 7 | 59 | 47 | 39 | 34 | 55 | 44 | 37 | 32 | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 22 | 20 |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 28 | 35 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 18 |
| 9 | 51 | 39 | 32 | 27 | 48 | 37 | 30 | 25 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 23 | 19 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 4347 | 4347 | 4347 | 4347 |
| 5° | 5119 | 4358 | 3847 | 4358 |
| 10° | 6129 | 4339 | 3463 | 4339 |
| 15° | 7252 | 4296 | 3181 | 4296 |
| 20° | 8076 | 4250 | 2928 | 4250 |
| 25° | 8206 | 4185 | 2754 | 4185 |
| 30° | 6982 | 4121 | 2699 | 4121 |
| 35° | 5368 | 4018 | 2699 | 4018 |
| 40° | 4185 | 3898 | 2751 | 3898 |
| 45° | 3489 | 3716 | 2797 | 3716 |
| 50° | 3071 | 3493 | 2891 | 3493 |
| 55° | 2814 | 3227 | 3008 | 3227 |
| 60° | 2635 | 2989 | 3147 | 2989 |
| 65° | 2455 | 2722 | 3265 | 2722 |
| 70° | 2242 | 2460 | 3338 | 2460 |
| 75° | 2006 | 2165 | 3300 | 2165 |
| 80° | 1678 | 1776 | 3194 | 1776 |
| 85° | 1241 | 1288 | 3057 | 1288 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 52.5 | 1.9 |
| 10°-20° | 161.7 | 5.9 |
| 20°-30° | 256.4 | 9.4 |
| 30°-40° | 285.4 | 10.5 |
| 40°-50° | 259.8 | 9.6 |
| 50°-60° | 212.3 | 7.8 |
| 60°-70° | 151.5 | 5.6 |
| 70°-80° | 83.4 | 3.1 |
| 80°-90° | 23.7 | 0.9 |
| 90°-100° | 122.5 | 4.5 |
| 100°-110° | 254.9 | 9.4 |
| 110°-120° | 228.3 | 8.4 |
| 120°-130° | 192.0 | 7.1 |
| 130°-140° | 160.1 | 5.9 |
| 140°-150° | 122.3 | 4.5 |
| 150°-160° | 86.0 | 3.2 |
| 160°-170° | 50.6 | 1.9 |
| 170°-180° | 16.5 | 0.6 |
| 0°-30° | 470.6 | 17.3 |
| 0°-40° | 755.9 | 27.8 |
| 0°-60° | 1227.9 | 45.1 |
| 0°-90° | 1486.7 | 54.7 |
| 90°-120° | 605.7 | 22.3 |
| 90°-150° | 1080.2 | 39.7 |
| 90°-180° | 1233.0 | 45.3 |
| 0°-180° | 2719.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 538 | 538 | 538 | 538 | 538 | |
| 5° | 632 | 538 | 475 | 538 | 632 | 64 |
| 15° | 868 | 514 | 381 | 514 | 868 | 245 |
| 25° | 921 | 470 | 309 | 470 | 921 | 406 |
| 35° | 545 | 408 | 274 | 408 | 545 | 346 |
| 45° | 306 | 326 | 245 | 326 | 306 | 241 |
| 55° | 200 | 229 | 214 | 229 | 200 | 181 |
| 65° | 128 | 142 | 171 | 142 | 128 | 127 |
| 75° | 64 | 69 | 106 | 69 | 64 | 68 |
| 85° | 13 | 14 | 33 | 14 | 13 | 16 |
| 90° | 7 | 0 | 7 | 0 | 7 | 6 |
| 95° | 81 | 11 | 81 | 11 | 81 | 126 |
| 105° | 469 | 39 | 469 | 39 | 469 | 463 |
| 115° | 450 | 69 | 450 | 69 | 450 | 447 |
| 125° | 359 | 96 | 359 | 96 | 359 | 326 |
| 135° | 321 | 114 | 321 | 114 | 321 | 248 |
| 145° | 262 | 131 | 262 | 131 | 262 | 166 |
| 155° | 220 | 149 | 220 | 149 | 220 | 102 |
| 165° | 192 | 162 | 192 | 162 | 192 | 55 |
| 175° | 173 | 169 | 173 | 169 | 173 | 17 |
| 180° | 170 | 170 | 170 | 170 | 170 | |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 573.1 | 573.0 | 571.2 | 570.8 | 569.6 | 568.0 | 567.6 | 564.7 | 559.0 | 556.3 | 555.6 |
| 5° | 631.7 | 636.2 | 630.4 | 629.2 | 628.6 | 621.2 | 617.5 | 613.0 | 602.8 | 596.7 | 592.0 |
| 7.5° | 701.7 | 702.2 | 699.6 | 697.7 | 691.9 | 685.5 | 675.9 | 665.6 | 653.4 | 640.7 | 631.1 |
| 10° | 747.7 | 749.5 | 746.6 | 746.2 | 734.8 | 727.6 | 713.4 | 701.3 | 687.5 | 672.1 | 658.1 |
| 12.5° | 796.3 | 793.8 | 792.3 | 782.8 | 780.6 | 767.6 | 751.0 | 738.7 | 717.3 | 699.6 | 680.9 |
| 15° | 867.7 | 862.8 | 859.7 | 846.6 | 840.1 | 822.0 | 804.4 | 790.8 | 762.9 | 736.3 | 716.2 |
| 17.5° | 909.6 | 914.5 | 907.4 | 901.9 | 885.2 | 872.5 | 854.5 | 826.0 | 804.2 | 771.2 | 745.8 |
| 20° | 940.0 | 940.5 | 936.4 | 930.9 | 917.8 | 901.6 | 882.0 | 850.8 | 824.7 | 791.9 | 757.1 |
| 22.5° | 948.2 | 948.3 | 946.6 | 941.4 | 931.4 | 918.4 | 898.6 | 872.5 | 840.9 | 805.3 | 770.4 |
| 25° | 921.2 | 920.4 | 922.4 | 928.2 | 924.4 | 920.4 | 909.0 | 889.6 | 860.2 | 822.5 | 784.9 |
| 27.5° | 821.1 | 827.4 | 838.7 | 852.9 | 866.7 | 877.1 | 880.1 | 876.1 | 857.9 | 826.9 | 787.6 |
| 30° | 749.0 | 756.7 | 765.2 | 779.4 | 807.1 | 822.9 | 840.3 | 853.5 | 846.1 | 821.3 | 784.8 |
| 32.5° | 669.9 | 671.8 | 684.3 | 700.5 | 725.9 | 756.3 | 783.9 | 810.7 | 819.5 | 806.5 | 776.0 |
| 35° | 544.7 | 547.9 | 561.5 | 577.5 | 608.5 | 645.8 | 687.3 | 724.3 | 754.9 | 767.1 | 751.5 |
| 37.5° | 444.5 | 453.5 | 463.1 | 480.3 | 507.7 | 541.2 | 584.3 | 632.3 | 677.8 | 708.3 | 713.5 |
| 40° | 397.1 | 402.7 | 409.5 | 422.7 | 445.9 | 478.9 | 515.9 | 570.8 | 619.3 | 663.0 | 677.2 |
| 42.5° | 359.6 | 362.9 | 367.1 | 379.0 | 396.6 | 429.5 | 463.4 | 511.6 | 560.2 | 612.5 | 636.4 |
| 45° | 305.6 | 309.0 | 316.1 | 323.0 | 336.4 | 359.1 | 390.6 | 430.3 | 479.2 | 529.5 | 573.7 |
| 47.5° | 266.6 | 268.7 | 273.0 | 280.4 | 291.8 | 306.8 | 332.3 | 365.5 | 410.8 | 459.8 | 506.8 |
| 50° | 244.5 | 246.3 | 249.6 | 256.3 | 265.0 | 278.4 | 299.4 | 330.4 | 365.8 | 415.1 | 461.3 |
| 52.5° | 227.0 | 227.7 | 230.2 | 234.7 | 241.7 | 252.9 | 270.1 | 295.8 | 328.8 | 372.7 | 418.7 |
| 55° | 199.9 | 200.8 | 203.0 | 206.3 | 212.4 | 219.5 | 232.6 | 251.8 | 280.6 | 318.8 | 358.7 |
| 57.5° | 177.6 | 178.2 | 180.0 | 181.3 | 186.3 | 192.1 | 202.3 | 215.9 | 237.7 | 270.1 | 305.8 |
| 60° | 163.2 | 162.9 | 165.0 | 166.2 | 169.6 | 174.5 | 182.3 | 195.4 | 214.3 | 240.4 | 273.2 |
| 62.5° | 149.4 | 148.7 | 150.6 | 152.1 | 154.0 | 158.2 | 164.6 | 174.8 | 190.3 | 213.9 | 242.2 |
| 65° | 128.5 | 127.6 | 128.8 | 130.5 | 132.2 | 134.5 | 139.2 | 148.4 | 160.6 | 177.6 | 199.2 |
| 67.5° | 107.5 | 108.5 | 108.7 | 109.5 | 110.6 | 113.6 | 116.8 | 123.3 | 132.0 | 145.5 | 163.8 |
| 70° | 95.0 | 95.3 | 96.1 | 96.1 | 96.8 | 99.5 | 102.2 | 105.9 | 114.4 | 127.0 | 141.9 |
| 72.5° | 82.6 | 83.5 | 83.1 | 83.8 | 84.4 | 86.1 | 88.0 | 91.7 | 98.9 | 108.2 | 120.8 |
| 75° | 64.3 | 64.9 | 64.9 | 65.1 | 65.8 | 66.4 | 68.1 | 70.7 | 75.9 | 82.8 | 91.4 |
| 77.5° | 46.8 | 46.9 | 47.2 | 48.1 | 48.1 | 49.1 | 50.2 | 52.4 | 55.0 | 59.7 | 65.0 |
| 80° | 36.1 | 36.6 | 36.4 | 36.9 | 36.9 | 37.7 | 38.2 | 40.8 | 41.9 | 45.1 | 49.3 |
| 82.5° | 26.5 | 27.0 | 26.9 | 27.5 | 27.9 | 28.1 | 28.7 | 29.8 | 30.9 | 33.6 | 35.3 |
| 85° | 13.4 | 13.9 | 13.4 | 13.9 | 14.5 | 14.7 | 15.4 | 15.6 | 16.5 | 17.2 | 18.8 |
| 87.5° | 5.3 | 5.8 | 5.9 | 6.0 | 6.3 | 6.5 | 6.6 | 6.4 | 7.0 | 7.3 | 7.8 |
| 90° | 7.0 | 7.0 | 7.4 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 | 5.7 | 6.0 | 5.4 |
| 92.5° | 25.6 | 25.6 | 26.8 | 28.6 | 32.5 | 39.2 | 49.2 | 65.4 | 88.0 | 105.7 | 92.5 |
| 95° | 81.2 | 85.6 | 91.6 | 101.9 | 118.3 | 150.5 | 195.2 | 246.9 | 279.2 | 271.5 | 204.9 |
| 97.5° | 217.3 | 224.2 | 234.2 | 254.2 | 278.1 | 312.9 | 345.5 | 364.7 | 350.7 | 286.0 | 191.7 |
| 100° | 305.5 | 308.1 | 318.1 | 338.5 | 367.4 | 392.1 | 408.4 | 401.7 | 353.1 | 267.9 | 173.9 |
| 102.5° | 382.2 | 384.4 | 394.9 | 409.6 | 427.3 | 437.6 | 432.9 | 399.9 | 333.1 | 245.2 | 161.9 |
| 105° | 468.7 | 470.7 | 475.3 | 478.1 | 477.4 | 463.7 | 430.7 | 373.1 | 296.8 | 218.5 | 151.6 |
| 107.5° | 500.8 | 499.9 | 496.6 | 489.0 | 472.6 | 442.8 | 396.4 | 335.1 | 267.5 | 203.6 | 149.7 |
| 110° | 501.3 | 498.3 | 492.4 | 478.3 | 454.7 | 418.1 | 369.8 | 312.2 | 252.9 | 198.5 | 150.2 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 485.6 | 480.8 | 472.4 | 455.4 | 428.6 | 391.9 | 346.3 | 295.3 | 244.6 | 196.1 | 151.8 |
| 115° | 450.1 | 447.4 | 436.7 | 416.7 | 390.4 | 358.4 | 319.4 | 278.5 | 236.9 | 194.9 | 154.9 |
| 117.5° | 414.0 | 411.9 | 401.1 | 384.4 | 361.9 | 334.8 | 304.2 | 270.2 | 233.4 | 194.5 | 158.2 |
| 120° | 393.8 | 390.1 | 381.4 | 366.7 | 347.8 | 324.1 | 297.5 | 266.5 | 231.5 | 194.5 | 160.6 |
| 122.5° | 377.8 | 374.1 | 366.7 | 354.2 | 338.2 | 317.4 | 293.2 | 263.3 | 229.4 | 194.3 | 163.0 |
| 125° | 359.1 | 357.1 | 350.8 | 341.1 | 327.8 | 309.4 | 286.4 | 257.9 | 225.8 | 193.9 | 166.5 |
| 127.5° | 348.2 | 346.2 | 340.8 | 332.2 | 318.9 | 301.5 | 278.5 | 251.2 | 221.1 | 193.1 | 169.5 |
| 130° | 341.8 | 339.8 | 334.4 | 326.1 | 312.5 | 294.8 | 272.2 | 245.8 | 218.2 | 192.8 | 171.5 |
| 132.5° | 334.6 | 332.6 | 327.5 | 318.1 | 304.7 | 287.1 | 264.9 | 240.3 | 215.6 | 192.7 | 173.4 |
| 135° | 321.1 | 319.1 | 313.8 | 304.4 | 291.2 | 274.5 | 254.2 | 232.5 | 211.5 | 192.2 | 176.3 |
| 137.5° | 304.4 | 302.1 | 297.7 | 288.5 | 276.0 | 261.0 | 243.8 | 225.6 | 208.1 | 192.2 | 177.9 |
| 140° | 292.5 | 289.8 | 285.1 | 277.9 | 266.2 | 252.1 | 237.1 | 221.5 | 206.2 | 191.9 | 179.2 |
| 142.5° | 279.7 | 277.9 | 273.7 | 266.9 | 256.6 | 244.4 | 231.6 | 217.8 | 204.6 | 191.9 | 180.3 |
| 145° | 262.1 | 260.5 | 257.1 | 251.5 | 243.2 | 233.8 | 223.9 | 212.5 | 201.9 | 191.2 | 180.9 |
| 147.5° | 246.7 | 246.0 | 243.6 | 238.7 | 232.5 | 225.2 | 217.2 | 208.2 | 199.4 | 190.0 | 181.3 |
| 150° | 237.8 | 237.5 | 235.5 | 231.2 | 225.8 | 219.9 | 213.2 | 205.6 | 197.6 | 189.2 | 181.3 |
| 152.5° | 229.9 | 229.5 | 228.3 | 224.8 | 220.3 | 215.4 | 209.2 | 202.6 | 195.4 | 187.8 | 180.7 |
| 155° | 219.5 | 219.5 | 218.5 | 215.8 | 212.5 | 208.5 | 203.5 | 198.2 | 192.2 | 185.9 | 179.9 |
| 157.5° | 210.5 | 210.5 | 209.9 | 207.8 | 205.4 | 202.2 | 197.9 | 193.5 | 189.0 | 183.8 | 179.0 |
| 160° | 204.9 | 204.9 | 204.5 | 202.6 | 200.6 | 197.8 | 194.2 | 190.6 | 186.5 | 182.2 | 178.2 |
| 162.5° | 199.5 | 199.8 | 199.4 | 197.5 | 196.0 | 193.6 | 190.8 | 187.7 | 184.5 | 180.6 | 177.4 |
| 165° | 191.5 | 191.9 | 192.2 | 190.9 | 189.5 | 187.8 | 185.6 | 183.5 | 180.9 | 178.2 | 175.9 |
| 167.5° | 185.2 | 185.5 | 185.6 | 184.6 | 184.0 | 183.0 | 181.2 | 179.6 | 177.7 | 175.8 | 174.3 |
| 170° | 181.3 | 181.3 | 181.5 | 181.3 | 180.6 | 179.6 | 178.2 | 177.2 | 175.6 | 174.2 | 173.2 |
| 172.5° | 177.2 | 177.8 | 178.0 | 177.8 | 177.4 | 176.6 | 175.8 | 175.1 | 173.7 | 172.6 | 172.2 |
| 175° | 172.6 | 173.2 | 173.9 | 173.2 | 173.2 | 173.2 | 172.6 | 172.2 | 171.5 | 170.9 | 170.9 |
| 177.5° | 169.8 | 170.3 | 170.9 | 170.6 | 170.9 | 170.6 | 170.6 | 170.3 | 170.1 | 169.8 | 169.8 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 555.8 | 553.3 | 551.5 | 550.1 | 546.2 | 543.8 | 542.1 | 539.6 | 536.7 | 533.7 | 529.9 |
| 5° | 587.3 | 579.8 | 574.2 | 565.7 | 557.7 | 551.0 | 544.0 | 537.8 | 530.3 | 522.0 | 515.9 |
| 7.5° | 620.5 | 609.2 | 594.7 | 582.2 | 568.1 | 555.8 | 544.9 | 533.7 | 522.0 | 510.6 | 500.2 |
| 10° | 641.6 | 627.1 | 611.0 | 592.0 | 574.2 | 558.4 | 543.7 | 529.3 | 515.5 | 501.7 | 489.8 |
| 12.5° | 664.2 | 646.1 | 622.4 | 600.2 | 580.2 | 559.0 | 541.3 | 523.8 | 507.1 | 492.6 | 478.8 |
| 15° | 694.7 | 668.5 | 641.1 | 611.4 | 585.1 | 560.3 | 536.0 | 514.0 | 495.2 | 476.0 | 462.6 |
| 17.5° | 713.3 | 681.0 | 649.7 | 618.7 | 586.8 | 555.5 | 529.3 | 503.9 | 480.4 | 461.4 | 444.5 |
| 20° | 725.7 | 693.5 | 654.5 | 623.5 | 585.6 | 553.5 | 523.1 | 494.7 | 470.2 | 450.0 | 432.5 |
| 22.5° | 736.3 | 699.3 | 660.2 | 619.3 | 581.6 | 547.5 | 514.3 | 485.9 | 460.8 | 439.4 | 422.7 |
| 25° | 742.2 | 699.6 | 657.1 | 616.5 | 573.7 | 533.4 | 503.2 | 469.8 | 443.0 | 420.5 | 402.7 |
| 27.5° | 742.8 | 697.2 | 649.2 | 604.2 | 560.0 | 522.4 | 484.4 | 454.4 | 426.7 | 402.8 | 385.7 |
| 30° | 740.8 | 693.3 | 641.8 | 593.0 | 548.6 | 507.7 | 474.7 | 442.1 | 413.8 | 390.1 | 372.3 |
| 32.5° | 734.5 | 685.1 | 632.2 | 580.4 | 534.4 | 494.5 | 460.4 | 429.4 | 401.8 | 378.5 | 359.8 |
| 35° | 716.5 | 667.6 | 611.2 | 557.4 | 510.4 | 470.0 | 439.2 | 407.7 | 380.1 | 358.1 | 340.0 |
| 37.5° | 688.2 | 644.1 | 586.7 | 531.1 | 484.8 | 444.3 | 413.8 | 385.4 | 360.4 | 338.0 | 319.5 |
| 40° | 663.6 | 624.8 | 567.2 | 513.0 | 463.1 | 424.5 | 396.0 | 369.9 | 345.1 | 323.9 | 306.2 |
| 42.5° | 635.3 | 601.4 | 548.4 | 491.0 | 442.7 | 404.0 | 376.2 | 352.7 | 329.4 | 309.8 | 292.2 |
| 45° | 584.7 | 562.3 | 512.4 | 459.3 | 409.1 | 372.5 | 346.0 | 325.5 | 305.9 | 286.6 | 271.9 |
| 47.5° | 526.5 | 515.4 | 473.3 | 422.9 | 375.3 | 339.2 | 316.2 | 297.3 | 280.0 | 263.8 | 250.8 |
| 50° | 487.4 | 482.0 | 445.7 | 397.1 | 351.6 | 317.6 | 294.5 | 278.1 | 263.4 | 249.2 | 236.9 |
| 52.5° | 448.8 | 448.7 | 415.8 | 371.4 | 329.2 | 296.6 | 273.5 | 258.4 | 245.6 | 234.0 | 223.0 |
| 55° | 389.9 | 396.2 | 370.5 | 330.8 | 293.1 | 263.6 | 242.9 | 229.3 | 220.4 | 210.8 | 202.6 |
| 57.5° | 335.8 | 346.2 | 325.0 | 290.0 | 258.5 | 231.5 | 213.4 | 203.2 | 193.7 | 187.8 | 181.8 |
| 60° | 300.5 | 310.3 | 293.8 | 264.4 | 234.7 | 211.5 | 194.3 | 185.1 | 176.9 | 172.9 | 168.6 |
| 62.5° | 269.1 | 277.8 | 265.6 | 238.3 | 212.5 | 190.2 | 175.7 | 166.9 | 161.4 | 157.0 | 154.2 |
| 65° | 224.2 | 231.6 | 221.0 | 201.2 | 179.1 | 161.3 | 149.5 | 142.5 | 137.2 | 135.4 | 132.2 |
| 67.5° | 181.3 | 187.9 | 182.3 | 165.4 | 147.7 | 134.1 | 124.9 | 118.3 | 115.1 | 113.6 | 111.3 |
| 70° | 155.7 | 162.4 | 156.4 | 141.7 | 128.0 | 116.7 | 107.9 | 104.2 | 100.9 | 100.2 | 97.1 |
| 72.5° | 134.1 | 138.6 | 132.6 | 121.1 | 109.5 | 99.9 | 93.1 | 89.2 | 87.5 | 86.2 | 84.5 |
| 75° | 100.6 | 104.6 | 100.6 | 91.7 | 83.4 | 76.7 | 71.0 | 69.4 | 67.4 | 66.7 | 65.6 |
| 77.5° | 71.2 | 74.6 | 71.6 | 66.1 | 59.9 | 54.7 | 51.6 | 49.6 | 49.1 | 48.0 | 48.5 |
| 80° | 54.4 | 56.6 | 53.7 | 50.0 | 45.1 | 41.5 | 39.3 | 38.2 | 36.9 | 36.4 | 37.2 |
| 82.5° | 39.1 | 40.1 | 38.5 | 36.0 | 32.4 | 30.1 | 28.6 | 27.2 | 27.0 | 27.1 | 27.1 |
| 85° | 20.3 | 20.1 | 19.9 | 17.6 | 16.5 | 15.0 | 14.0 | 13.9 | 13.6 | 14.0 | 14.5 |
| 87.5° | 7.7 | 7.9 | 7.4 | 6.6 | 6.0 | 5.4 | 5.0 | 4.7 | 5.0 | 5.4 | 5.7 |
| 90° | 4.6 | 4.6 | 2.6 | 2.6 | 2.4 | 2.0 | 1.0 | 0.4 | 1.0 | 2.0 | 2.4 |
| 92.5° | 67.3 | 41.5 | 24.5 | 17.6 | 12.7 | 8.7 | 5.6 | 3.8 | 5.6 | 8.7 | 12.7 |
| 95° | 125.3 | 70.6 | 41.7 | 27.6 | 19.7 | 15.4 | 12.0 | 11.0 | 12.0 | 15.4 | 19.7 |
| 97.5° | 112.6 | 67.5 | 45.1 | 33.5 | 26.6 | 22.6 | 19.7 | 19.7 | 19.7 | 22.6 | 26.6 |
| 100° | 105.9 | 68.3 | 48.6 | 38.0 | 31.7 | 27.6 | 25.4 | 25.4 | 25.4 | 27.6 | 31.7 |
| 102.5° | 104.1 | 71.0 | 53.2 | 43.1 | 36.9 | 33.3 | 31.2 | 30.6 | 31.2 | 33.3 | 36.9 |
| 105° | 104.9 | 77.3 | 61.3 | 51.7 | 45.6 | 41.7 | 40.0 | 39.0 | 40.0 | 41.7 | 45.6 |
| 107.5° | 109.9 | 84.6 | 70.0 | 60.5 | 54.8 | 50.5 | 48.8 | 48.2 | 48.8 | 50.5 | 54.8 |
| 110° | 113.6 | 90.3 | 75.6 | 66.6 | 60.6 | 56.6 | 55.0 | 54.3 | 55.0 | 56.6 | 60.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 117.6 | 95.6 | 81.4 | 72.5 | 66.4 | 62.8 | 60.8 | 60.1 | 60.8 | 62.8 | 66.4 |
| 115° | 123.9 | 104.0 | 90.6 | 81.6 | 75.3 | 71.9 | 69.7 | 68.6 | 69.7 | 71.9 | 75.3 |
| 117.5° | 130.4 | 112.0 | 99.3 | 90.0 | 84.1 | 80.4 | 78.3 | 77.4 | 78.3 | 80.4 | 84.1 |
| 120° | 134.9 | 117.6 | 104.9 | 95.6 | 89.9 | 86.2 | 84.0 | 83.3 | 84.0 | 86.2 | 89.9 |
| 122.5° | 139.2 | 122.9 | 110.3 | 101.2 | 95.0 | 91.6 | 89.3 | 88.6 | 89.3 | 91.6 | 95.0 |
| 125° | 145.5 | 130.3 | 118.3 | 109.0 | 102.6 | 99.0 | 96.9 | 95.6 | 96.9 | 99.0 | 102.6 |
| 127.5° | 151.1 | 137.0 | 125.5 | 116.0 | 109.4 | 105.3 | 102.8 | 101.8 | 102.8 | 105.3 | 109.4 |
| 130° | 154.6 | 141.6 | 130.3 | 120.6 | 114.2 | 109.2 | 106.6 | 105.3 | 106.6 | 109.2 | 114.2 |
| 132.5° | 158.1 | 145.3 | 133.9 | 124.9 | 118.0 | 113.3 | 109.8 | 108.8 | 109.8 | 113.3 | 118.0 |
| 135° | 162.6 | 150.5 | 139.6 | 130.9 | 123.9 | 118.3 | 114.9 | 113.6 | 114.9 | 118.3 | 123.9 |
| 137.5° | 165.8 | 154.6 | 144.3 | 136.0 | 128.8 | 123.4 | 119.7 | 118.5 | 119.7 | 123.4 | 128.8 |
| 140° | 167.9 | 157.2 | 147.2 | 139.2 | 132.2 | 126.6 | 122.9 | 122.0 | 122.9 | 126.6 | 132.2 |
| 142.5° | 169.5 | 159.7 | 149.9 | 142.1 | 135.4 | 130.1 | 126.7 | 125.6 | 126.7 | 130.1 | 135.4 |
| 145° | 171.3 | 162.2 | 153.5 | 146.3 | 139.9 | 135.3 | 132.0 | 130.9 | 132.0 | 135.3 | 139.9 |
| 147.5° | 172.8 | 164.9 | 156.7 | 150.1 | 144.9 | 140.2 | 137.1 | 136.9 | 137.1 | 140.2 | 144.9 |
| 150° | 173.5 | 166.3 | 158.9 | 152.6 | 147.6 | 143.5 | 140.9 | 140.5 | 140.9 | 143.5 | 147.6 |
| 152.5° | 174.1 | 167.3 | 160.8 | 155.0 | 150.5 | 146.8 | 144.1 | 144.0 | 144.1 | 146.8 | 150.5 |
| 155° | 174.6 | 168.9 | 163.2 | 158.3 | 154.6 | 151.3 | 149.2 | 148.9 | 149.2 | 151.3 | 154.6 |
| 157.5° | 174.6 | 170.0 | 165.2 | 161.3 | 158.1 | 155.5 | 153.6 | 153.6 | 153.6 | 155.5 | 158.1 |
| 160° | 174.6 | 170.6 | 166.5 | 162.9 | 160.2 | 157.9 | 156.6 | 156.6 | 156.6 | 157.9 | 160.2 |
| 162.5° | 174.6 | 171.1 | 167.4 | 164.5 | 162.1 | 160.0 | 159.0 | 159.2 | 159.0 | 160.0 | 162.1 |
| 165° | 173.9 | 171.3 | 168.2 | 166.3 | 164.6 | 162.9 | 162.2 | 162.2 | 162.2 | 162.9 | 164.6 |
| 167.5° | 173.1 | 171.2 | 169.0 | 167.4 | 166.5 | 165.2 | 164.9 | 165.2 | 164.9 | 165.2 | 166.5 |
| 170° | 172.6 | 170.9 | 169.2 | 168.2 | 167.6 | 166.5 | 166.3 | 166.5 | 166.3 | 166.5 | 167.6 |
| 172.5° | 172.0 | 170.6 | 169.5 | 168.7 | 168.3 | 167.6 | 167.6 | 167.9 | 167.6 | 167.6 | 168.3 |
| 175° | 171.3 | 170.2 | 169.6 | 169.6 | 169.2 | 168.9 | 168.9 | 169.2 | 168.9 | 168.9 | 169.2 |
| 177.5° | 170.3 | 169.8 | 169.6 | 169.6 | 169.6 | 169.3 | 169.6 | 169.8 | 169.6 | 169.3 | 169.6 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 528.1 | 526.5 | 524.2 | 521.0 | 518.3 | 515.5 | 514.7 | 513.7 | 515.9 | 514.1 | 513.5 |
| 5° | 510.9 | 506.1 | 500.1 | 493.2 | 489.2 | 483.4 | 482.3 | 480.0 | 477.8 | 477.6 | 475.3 |
| 7.5° | 492.5 | 485.6 | 477.7 | 470.7 | 464.2 | 457.8 | 453.6 | 452.8 | 449.5 | 447.5 | 445.4 |
| 10° | 480.7 | 472.2 | 463.1 | 456.4 | 448.8 | 442.1 | 437.4 | 434.8 | 432.5 | 430.1 | 427.8 |
| 12.5° | 466.8 | 457.8 | 450.3 | 443.0 | 434.0 | 429.0 | 421.2 | 416.6 | 416.1 | 416.1 | 410.4 |
| 15° | 450.6 | 441.7 | 430.1 | 419.8 | 414.9 | 405.1 | 400.9 | 395.5 | 392.2 | 388.8 | 386.2 |
| 17.5° | 432.1 | 420.9 | 411.9 | 400.1 | 390.8 | 383.0 | 377.4 | 374.2 | 369.1 | 364.4 | 361.0 |
| 20° | 420.5 | 408.7 | 399.1 | 386.5 | 376.4 | 366.7 | 362.0 | 357.6 | 353.8 | 349.8 | 346.0 |
| 22.5° | 408.7 | 396.3 | 384.7 | 372.5 | 363.0 | 352.8 | 348.3 | 342.2 | 338.7 | 336.4 | 332.6 |
| 25° | 390.1 | 376.7 | 363.4 | 351.8 | 342.0 | 333.0 | 327.1 | 322.3 | 318.3 | 316.5 | 314.1 |
| 27.5° | 369.9 | 356.7 | 343.7 | 330.5 | 319.4 | 312.9 | 308.1 | 304.6 | 302.3 | 299.9 | 298.8 |
| 30° | 357.1 | 343.3 | 329.5 | 317.2 | 307.0 | 300.5 | 296.1 | 293.6 | 291.8 | 290.7 | 289.5 |
| 32.5° | 344.1 | 330.5 | 315.9 | 304.7 | 295.5 | 289.7 | 286.3 | 283.9 | 283.0 | 282.7 | 282.2 |
| 35° | 323.2 | 309.4 | 296.1 | 286.0 | 277.3 | 275.0 | 272.1 | 270.8 | 270.3 | 271.9 | 272.6 |
| 37.5° | 303.0 | 290.2 | 277.9 | 268.2 | 262.4 | 259.2 | 258.2 | 258.3 | 259.9 | 261.2 | 262.8 |
| 40° | 290.0 | 277.5 | 265.9 | 257.4 | 252.0 | 250.1 | 249.6 | 250.7 | 252.5 | 254.1 | 255.9 |
| 42.5° | 277.3 | 265.0 | 254.5 | 246.6 | 242.8 | 240.9 | 241.2 | 242.3 | 244.9 | 246.8 | 249.4 |
| 45° | 257.7 | 247.4 | 237.1 | 230.6 | 227.5 | 228.0 | 228.0 | 230.0 | 232.4 | 235.4 | 238.3 |
| 47.5° | 239.1 | 228.8 | 220.4 | 214.9 | 213.3 | 212.9 | 214.1 | 216.8 | 220.3 | 223.9 | 227.9 |
| 50° | 226.7 | 216.8 | 209.4 | 204.5 | 202.7 | 203.4 | 205.2 | 207.6 | 211.9 | 216.4 | 220.6 |
| 52.5° | 214.0 | 205.0 | 198.2 | 193.7 | 192.4 | 193.6 | 195.4 | 199.3 | 203.0 | 207.8 | 212.9 |
| 55° | 194.3 | 186.7 | 181.3 | 178.0 | 177.6 | 178.2 | 180.2 | 184.5 | 189.8 | 195.9 | 200.8 |
| 57.5° | 174.7 | 168.3 | 163.4 | 161.2 | 161.4 | 162.0 | 165.3 | 170.3 | 176.1 | 182.5 | 188.8 |
| 60° | 161.5 | 155.7 | 151.7 | 149.9 | 150.1 | 151.5 | 155.5 | 160.1 | 167.3 | 173.5 | 180.2 |
| 62.5° | 149.0 | 143.9 | 140.1 | 138.5 | 138.2 | 141.1 | 145.0 | 149.8 | 156.9 | 163.9 | 171.2 |
| 65° | 128.9 | 124.9 | 121.8 | 120.9 | 121.6 | 123.9 | 128.8 | 135.2 | 141.2 | 148.5 | 156.2 |
| 67.5° | 109.3 | 106.0 | 103.9 | 104.2 | 105.1 | 108.4 | 112.4 | 118.0 | 124.9 | 132.5 | 140.0 |
| 70° | 96.8 | 93.7 | 91.9 | 92.1 | 93.5 | 97.5 | 101.0 | 106.6 | 114.0 | 121.8 | 128.0 |
| 72.5° | 84.0 | 81.9 | 80.3 | 81.2 | 82.6 | 85.3 | 89.8 | 95.4 | 101.9 | 109.1 | 115.7 |
| 75° | 64.5 | 64.5 | 63.6 | 64.3 | 66.3 | 68.9 | 72.3 | 78.0 | 84.5 | 90.4 | 95.7 |
| 77.5° | 47.8 | 47.3 | 47.9 | 48.7 | 49.9 | 53.1 | 56.9 | 61.1 | 65.9 | 71.7 | 76.2 |
| 80° | 36.6 | 36.9 | 37.9 | 39.3 | 39.7 | 42.1 | 46.2 | 50.0 | 53.7 | 58.6 | 62.9 |
| 82.5° | 27.5 | 27.7 | 28.3 | 30.0 | 30.4 | 33.1 | 35.6 | 39.4 | 42.9 | 46.2 | 49.7 |
| 85° | 15.0 | 15.0 | 16.0 | 16.8 | 17.8 | 19.6 | 21.2 | 23.5 | 26.6 | 28.7 | 32.1 |
| 87.5° | 6.2 | 6.2 | 7.4 | 7.7 | 8.4 | 9.4 | 9.7 | 11.7 | 12.5 | 13.5 | 15.1 |
| 90° | 2.6 | 2.6 | 4.6 | 4.6 | 5.4 | 6.0 | 5.7 | 6.0 | 6.3 | 6.7 | 6.7 |
| 92.5° | 17.6 | 24.5 | 41.5 | 67.3 | 92.5 | 105.7 | 88.0 | 65.4 | 49.2 | 39.2 | 32.5 |
| 95° | 27.6 | 41.7 | 70.6 | 125.3 | 204.9 | 271.5 | 279.2 | 246.9 | 195.2 | 150.5 | 118.3 |
| 97.5° | 33.5 | 45.1 | 67.5 | 112.6 | 191.7 | 286.0 | 350.7 | 364.7 | 345.5 | 312.9 | 278.1 |
| 100° | 38.0 | 48.6 | 68.3 | 105.9 | 173.9 | 267.9 | 353.1 | 401.7 | 408.4 | 392.1 | 367.4 |
| 102.5° | 43.1 | 53.2 | 71.0 | 104.1 | 161.9 | 245.2 | 333.1 | 399.9 | 432.9 | 437.6 | 427.3 |
| 105° | 51.7 | 61.3 | 77.3 | 104.9 | 151.6 | 218.5 | 296.8 | 373.1 | 430.7 | 463.7 | 477.4 |
| 107.5° | 60.5 | 70.0 | 84.6 | 109.9 | 149.7 | 203.6 | 267.5 | 335.1 | 396.4 | 442.8 | 472.6 |
| 110° | 66.6 | 75.6 | 90.3 | 113.6 | 150.2 | 198.5 | 252.9 | 312.2 | 369.8 | 418.1 | 454.7 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 72.5 | 81.4 | 95.6 | 117.6 | 151.8 | 196.1 | 244.6 | 295.3 | 346.3 | 391.9 | 428.6 |
| 115° | 81.6 | 90.6 | 104.0 | 123.9 | 154.9 | 194.9 | 236.9 | 278.5 | 319.4 | 358.4 | 390.4 |
| 117.5° | 90.0 | 99.3 | 112.0 | 130.4 | 158.2 | 194.5 | 233.4 | 270.2 | 304.2 | 334.8 | 361.9 |
| 120° | 95.6 | 104.9 | 117.6 | 134.9 | 160.6 | 194.5 | 231.5 | 266.5 | 297.5 | 324.1 | 347.8 |
| 122.5° | 101.2 | 110.3 | 122.9 | 139.2 | 163.0 | 194.3 | 229.4 | 263.3 | 293.2 | 317.4 | 338.2 |
| 125° | 109.0 | 118.3 | 130.3 | 145.5 | 166.5 | 193.9 | 225.8 | 257.9 | 286.4 | 309.4 | 327.8 |
| 127.5° | 116.0 | 125.5 | 137.0 | 151.1 | 169.5 | 193.1 | 221.1 | 251.2 | 278.5 | 301.5 | 318.9 |
| 130° | 120.6 | 130.3 | 141.6 | 154.6 | 171.5 | 192.8 | 218.2 | 245.8 | 272.2 | 294.8 | 312.5 |
| 132.5° | 124.9 | 133.9 | 145.3 | 158.1 | 173.4 | 192.7 | 215.6 | 240.3 | 264.9 | 287.1 | 304.7 |
| 135° | 130.9 | 139.6 | 150.5 | 162.6 | 176.3 | 192.2 | 211.5 | 232.5 | 254.2 | 274.5 | 291.2 |
| 137.5° | 136.0 | 144.3 | 154.6 | 165.8 | 177.9 | 192.2 | 208.1 | 225.6 | 243.8 | 261.0 | 276.0 |
| 140° | 139.2 | 147.2 | 157.2 | 167.9 | 179.2 | 191.9 | 206.2 | 221.5 | 237.1 | 252.1 | 266.2 |
| 142.5° | 142.1 | 149.9 | 159.7 | 169.5 | 180.3 | 191.9 | 204.6 | 217.8 | 231.6 | 244.4 | 256.6 |
| 145° | 146.3 | 153.5 | 162.2 | 171.3 | 180.9 | 191.2 | 201.9 | 212.5 | 223.9 | 233.8 | 243.2 |
| 147.5° | 150.1 | 156.7 | 164.9 | 172.8 | 181.3 | 190.0 | 199.4 | 208.2 | 217.2 | 225.2 | 232.5 |
| 150° | 152.6 | 158.9 | 166.3 | 173.5 | 181.3 | 189.2 | 197.6 | 205.6 | 213.2 | 219.9 | 225.8 |
| 152.5° | 155.0 | 160.8 | 167.3 | 174.1 | 180.7 | 187.8 | 195.4 | 202.6 | 209.2 | 215.4 | 220.3 |
| 155° | 158.3 | 163.2 | 168.9 | 174.6 | 179.9 | 185.9 | 192.2 | 198.2 | 203.5 | 208.5 | 212.5 |
| 157.5° | 161.3 | 165.2 | 170.0 | 174.6 | 179.0 | 183.8 | 189.0 | 193.5 | 197.9 | 202.2 | 205.4 |
| 160° | 162.9 | 166.5 | 170.6 | 174.6 | 178.2 | 182.2 | 186.5 | 190.6 | 194.2 | 197.8 | 200.6 |
| 162.5° | 164.5 | 167.4 | 171.1 | 174.6 | 177.4 | 180.6 | 184.5 | 187.7 | 190.8 | 193.6 | 196.0 |
| 165° | 166.3 | 168.2 | 171.3 | 173.9 | 175.9 | 178.2 | 180.9 | 183.5 | 185.6 | 187.8 | 189.5 |
| 167.5° | 167.4 | 169.0 | 171.2 | 173.1 | 174.3 | 175.8 | 177.7 | 179.6 | 181.2 | 183.0 | 184.0 |
| 170° | 168.2 | 169.2 | 170.9 | 172.6 | 173.2 | 174.2 | 175.6 | 177.2 | 178.2 | 179.6 | 180.6 |
| 172.5° | 168.7 | 169.5 | 170.6 | 172.0 | 172.2 | 172.6 | 173.7 | 175.1 | 175.8 | 176.6 | 177.4 |
| 175° | 169.6 | 169.6 | 170.2 | 171.3 | 170.9 | 170.9 | 171.5 | 172.2 | 172.6 | 173.2 | 173.2 |
| 177.5° | 169.6 | 169.6 | 169.8 | 170.3 | 169.8 | 169.8 | 170.1 | 170.3 | 170.6 | 170.6 | 170.9 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 513.1 | 512.8 | 511.5 | 511.3 | 511.5 | 512.8 | 513.1 | 513.5 | 514.1 | 515.9 | 513.7 |
| 5° | 474.0 | 472.9 | 472.2 | 474.7 | 472.2 | 472.9 | 474.0 | 475.3 | 477.6 | 477.8 | 480.0 |
| 7.5° | 444.5 | 443.7 | 441.7 | 441.0 | 441.7 | 443.7 | 444.5 | 445.4 | 447.5 | 449.5 | 452.8 |
| 10° | 425.7 | 424.7 | 422.9 | 422.4 | 422.9 | 424.7 | 425.7 | 427.8 | 430.1 | 432.5 | 434.8 |
| 12.5° | 407.4 | 405.7 | 405.3 | 405.8 | 405.3 | 405.7 | 407.4 | 410.4 | 416.1 | 416.1 | 416.6 |
| 15° | 383.2 | 382.3 | 379.8 | 380.6 | 379.8 | 382.3 | 383.2 | 386.2 | 388.8 | 392.2 | 395.5 |
| 17.5° | 359.4 | 358.4 | 355.3 | 358.0 | 355.3 | 358.4 | 359.4 | 361.0 | 364.4 | 369.1 | 374.2 |
| 20° | 344.4 | 342.6 | 341.1 | 340.8 | 341.1 | 342.6 | 344.4 | 346.0 | 349.8 | 353.8 | 357.6 |
| 22.5° | 330.2 | 328.6 | 328.4 | 327.0 | 328.4 | 328.6 | 330.2 | 332.6 | 336.4 | 338.7 | 342.2 |
| 25° | 312.3 | 310.8 | 310.3 | 309.2 | 310.3 | 310.8 | 312.3 | 314.1 | 316.5 | 318.3 | 322.3 |
| 27.5° | 298.6 | 297.8 | 297.0 | 297.4 | 297.0 | 297.8 | 298.6 | 298.8 | 299.9 | 302.3 | 304.6 |
| 30° | 290.2 | 290.0 | 289.5 | 289.5 | 289.5 | 290.0 | 290.2 | 289.5 | 290.7 | 291.8 | 293.6 |
| 32.5° | 283.2 | 283.2 | 283.5 | 283.5 | 283.5 | 283.2 | 283.2 | 282.2 | 282.7 | 283.0 | 283.9 |
| 35° | 273.5 | 274.2 | 274.6 | 273.9 | 274.6 | 274.2 | 273.5 | 272.6 | 271.9 | 270.3 | 270.8 |
| 37.5° | 264.7 | 265.3 | 266.0 | 266.7 | 266.0 | 265.3 | 264.7 | 262.8 | 261.2 | 259.9 | 258.3 |
| 40° | 257.9 | 259.4 | 259.9 | 261.0 | 259.9 | 259.4 | 257.9 | 255.9 | 254.1 | 252.5 | 250.7 |
| 42.5° | 251.5 | 253.2 | 254.3 | 254.6 | 254.3 | 253.2 | 251.5 | 249.4 | 246.8 | 244.9 | 242.3 |
| 45° | 241.6 | 243.4 | 245.0 | 245.0 | 245.0 | 243.4 | 241.6 | 238.3 | 235.4 | 232.4 | 230.0 |
| 47.5° | 231.4 | 233.9 | 235.5 | 235.9 | 235.5 | 233.9 | 231.4 | 227.9 | 223.9 | 220.3 | 216.8 |
| 50° | 224.4 | 227.5 | 229.1 | 230.2 | 229.1 | 227.5 | 224.4 | 220.6 | 216.4 | 211.9 | 207.6 |
| 52.5° | 217.6 | 220.7 | 222.8 | 223.4 | 222.8 | 220.7 | 217.6 | 212.9 | 207.8 | 203.0 | 199.3 |
| 55° | 205.9 | 210.4 | 212.8 | 213.7 | 212.8 | 210.4 | 205.9 | 200.8 | 195.9 | 189.8 | 184.5 |
| 57.5° | 194.8 | 199.0 | 201.8 | 202.5 | 201.8 | 199.0 | 194.8 | 188.8 | 182.5 | 176.1 | 170.3 |
| 60° | 186.2 | 190.8 | 194.3 | 194.9 | 194.3 | 190.8 | 186.2 | 180.2 | 173.5 | 167.3 | 160.1 |
| 62.5° | 177.5 | 182.2 | 185.4 | 187.1 | 185.4 | 182.2 | 177.5 | 171.2 | 163.9 | 156.9 | 149.8 |
| 65° | 162.4 | 167.1 | 170.2 | 170.9 | 170.2 | 167.1 | 162.4 | 156.2 | 148.5 | 141.2 | 135.2 |
| 67.5° | 145.9 | 150.6 | 152.6 | 153.9 | 152.6 | 150.6 | 145.9 | 140.0 | 132.5 | 124.9 | 118.0 |
| 70° | 134.3 | 138.1 | 140.3 | 141.4 | 140.3 | 138.1 | 134.3 | 128.0 | 121.8 | 114.0 | 106.6 |
| 72.5° | 121.1 | 125.1 | 127.6 | 127.9 | 127.6 | 125.1 | 121.1 | 115.7 | 109.1 | 101.9 | 95.4 |
| 75° | 100.9 | 104.4 | 105.8 | 105.8 | 105.8 | 104.4 | 100.9 | 95.7 | 90.4 | 84.5 | 78.0 |
| 77.5° | 79.8 | 81.6 | 83.3 | 83.7 | 83.3 | 81.6 | 79.8 | 76.2 | 71.7 | 65.9 | 61.1 |
| 80° | 66.3 | 67.4 | 68.7 | 68.7 | 68.7 | 67.4 | 66.3 | 62.9 | 58.6 | 53.7 | 50.0 |
| 82.5° | 52.3 | 53.3 | 54.6 | 54.4 | 54.6 | 53.3 | 52.3 | 49.7 | 46.2 | 42.9 | 39.4 |
| 85° | 31.7 | 33.6 | 33.5 | 33.0 | 33.5 | 33.6 | 31.7 | 32.1 | 28.7 | 26.6 | 23.5 |
| 87.5° | 15.6 | 15.9 | 16.4 | 16.8 | 16.4 | 15.9 | 15.6 | 15.1 | 13.5 | 12.5 | 11.7 |
| 90° | 7.0 | 7.4 | 7.0 | 7.0 | 7.0 | 7.4 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 |
| 92.5° | 28.6 | 26.8 | 25.6 | 25.6 | 25.6 | 26.8 | 28.6 | 32.5 | 39.2 | 49.2 | 65.4 |
| 95° | 101.9 | 91.6 | 85.6 | 81.2 | 85.6 | 91.6 | 101.9 | 118.3 | 150.5 | 195.2 | 246.9 |
| 97.5° | 254.2 | 234.2 | 224.2 | 217.3 | 224.2 | 234.2 | 254.2 | 278.1 | 312.9 | 345.5 | 364.7 |
| 100° | 338.5 | 318.1 | 308.1 | 305.5 | 308.1 | 318.1 | 338.5 | 367.4 | 392.1 | 408.4 | 401.7 |
| 102.5° | 409.6 | 394.9 | 384.4 | 382.2 | 384.4 | 394.9 | 409.6 | 427.3 | 437.6 | 432.9 | 399.9 |
| 105° | 478.1 | 475.3 | 470.7 | 468.7 | 470.7 | 475.3 | 478.1 | 477.4 | 463.7 | 430.7 | 373.1 |
| 107.5° | 489.0 | 496.6 | 499.9 | 500.8 | 499.9 | 496.6 | 489.0 | 472.6 | 442.8 | 396.4 | 335.1 |
| 110° | 478.3 | 492.4 | 498.3 | 501.3 | 498.3 | 492.4 | 478.3 | 454.7 | 418.1 | 369.8 | 312.2 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 455.4 | 472.4 | 480.8 | 485.6 | 480.8 | 472.4 | 455.4 | 428.6 | 391.9 | 346.3 | 295.3 |
| 115° | 416.7 | 436.7 | 447.4 | 450.1 | 447.4 | 436.7 | 416.7 | 390.4 | 358.4 | 319.4 | 278.5 |
| 117.5° | 384.4 | 401.1 | 411.9 | 414.0 | 411.9 | 401.1 | 384.4 | 361.9 | 334.8 | 304.2 | 270.2 |
| 120° | 366.7 | 381.4 | 390.1 | 393.8 | 390.1 | 381.4 | 366.7 | 347.8 | 324.1 | 297.5 | 266.5 |
| 122.5° | 354.2 | 366.7 | 374.1 | 377.8 | 374.1 | 366.7 | 354.2 | 338.2 | 317.4 | 293.2 | 263.3 |
| 125° | 341.1 | 350.8 | 357.1 | 359.1 | 357.1 | 350.8 | 341.1 | 327.8 | 309.4 | 286.4 | 257.9 |
| 127.5° | 332.2 | 340.8 | 346.2 | 348.2 | 346.2 | 340.8 | 332.2 | 318.9 | 301.5 | 278.5 | 251.2 |
| 130° | 326.1 | 334.4 | 339.8 | 341.8 | 339.8 | 334.4 | 326.1 | 312.5 | 294.8 | 272.2 | 245.8 |
| 132.5° | 318.1 | 327.5 | 332.6 | 334.6 | 332.6 | 327.5 | 318.1 | 304.7 | 287.1 | 264.9 | 240.3 |
| 135° | 304.4 | 313.8 | 319.1 | 321.1 | 319.1 | 313.8 | 304.4 | 291.2 | 274.5 | 254.2 | 232.5 |
| 137.5° | 288.5 | 297.7 | 302.1 | 304.4 | 302.1 | 297.7 | 288.5 | 276.0 | 261.0 | 243.8 | 225.6 |
| 140° | 277.9 | 285.1 | 289.8 | 292.5 | 289.8 | 285.1 | 277.9 | 266.2 | 252.1 | 237.1 | 221.5 |
| 142.5° | 266.9 | 273.7 | 277.9 | 279.7 | 277.9 | 273.7 | 266.9 | 256.6 | 244.4 | 231.6 | 217.8 |
| 145° | 251.5 | 257.1 | 260.5 | 262.1 | 260.5 | 257.1 | 251.5 | 243.2 | 233.8 | 223.9 | 212.5 |
| 147.5° | 238.7 | 243.6 | 246.0 | 246.7 | 246.0 | 243.6 | 238.7 | 232.5 | 225.2 | 217.2 | 208.2 |
| 150° | 231.2 | 235.5 | 237.5 | 237.8 | 237.5 | 235.5 | 231.2 | 225.8 | 219.9 | 213.2 | 205.6 |
| 152.5° | 224.8 | 228.3 | 229.5 | 229.9 | 229.5 | 228.3 | 224.8 | 220.3 | 215.4 | 209.2 | 202.6 |
| 155° | 215.8 | 218.5 | 219.5 | 219.5 | 219.5 | 218.5 | 215.8 | 212.5 | 208.5 | 203.5 | 198.2 |
| 157.5° | 207.8 | 209.9 | 210.5 | 210.5 | 210.5 | 209.9 | 207.8 | 205.4 | 202.2 | 197.9 | 193.5 |
| 160° | 202.6 | 204.5 | 204.9 | 204.9 | 204.9 | 204.5 | 202.6 | 200.6 | 197.8 | 194.2 | 190.6 |
| 162.5° | 197.5 | 199.4 | 199.8 | 199.5 | 199.8 | 199.4 | 197.5 | 196.0 | 193.6 | 190.8 | 187.7 |
| 165° | 190.9 | 192.2 | 191.9 | 191.5 | 191.9 | 192.2 | 190.9 | 189.5 | 187.8 | 185.6 | 183.5 |
| 167.5° | 184.6 | 185.6 | 185.5 | 185.2 | 185.5 | 185.6 | 184.6 | 184.0 | 183.0 | 181.2 | 179.6 |
| 170° | 181.3 | 181.5 | 181.3 | 181.3 | 181.3 | 181.5 | 181.3 | 180.6 | 179.6 | 178.2 | 177.2 |
| 172.5° | 177.8 | 178.0 | 177.8 | 177.2 | 177.8 | 178.0 | 177.8 | 177.4 | 176.6 | 175.8 | 175.1 |
| 175° | 173.2 | 173.9 | 173.2 | 172.6 | 173.2 | 173.9 | 173.2 | 173.2 | 173.2 | 172.6 | 172.2 |
| 177.5° | 170.6 | 170.9 | 170.3 | 169.8 | 170.3 | 170.9 | 170.6 | 170.9 | 170.6 | 170.6 | 170.3 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 514.7 | 515.5 | 518.3 | 521.0 | 524.2 | 526.5 | 528.1 | 529.9 | 533.7 | 536.7 | 539.6 |
| 5° | 482.3 | 483.4 | 489.2 | 493.2 | 500.1 | 506.1 | 510.9 | 515.9 | 522.0 | 530.3 | 537.8 |
| 7.5° | 453.6 | 457.8 | 464.2 | 470.7 | 477.7 | 485.6 | 492.5 | 500.2 | 510.6 | 522.0 | 533.7 |
| 10° | 437.4 | 442.1 | 448.8 | 456.4 | 463.1 | 472.2 | 480.7 | 489.8 | 501.7 | 515.5 | 529.3 |
| 12.5° | 421.2 | 429.0 | 434.0 | 443.0 | 450.3 | 457.8 | 466.8 | 478.8 | 492.6 | 507.1 | 523.8 |
| 15° | 400.9 | 405.1 | 414.9 | 419.8 | 430.1 | 441.7 | 450.6 | 462.6 | 476.0 | 495.2 | 514.0 |
| 17.5° | 377.4 | 383.0 | 390.8 | 400.1 | 411.9 | 420.9 | 432.1 | 444.5 | 461.4 | 480.4 | 503.9 |
| 20° | 362.0 | 366.7 | 376.4 | 386.5 | 399.1 | 408.7 | 420.5 | 432.5 | 450.0 | 470.2 | 494.7 |
| 22.5° | 348.3 | 352.8 | 363.0 | 372.5 | 384.7 | 396.3 | 408.7 | 422.7 | 439.4 | 460.8 | 485.9 |
| 25° | 327.1 | 333.0 | 342.0 | 351.8 | 363.4 | 376.7 | 390.1 | 402.7 | 420.5 | 443.0 | 469.8 |
| 27.5° | 308.1 | 312.9 | 319.4 | 330.5 | 343.7 | 356.7 | 369.9 | 385.7 | 402.8 | 426.7 | 454.4 |
| 30° | 296.1 | 300.5 | 307.0 | 317.2 | 329.5 | 343.3 | 357.1 | 372.3 | 390.1 | 413.8 | 442.1 |
| 32.5° | 286.3 | 289.7 | 295.5 | 304.7 | 315.9 | 330.5 | 344.1 | 359.8 | 378.5 | 401.8 | 429.4 |
| 35° | 272.1 | 275.0 | 277.3 | 286.0 | 296.1 | 309.4 | 323.2 | 340.0 | 358.1 | 380.1 | 407.7 |
| 37.5° | 258.2 | 259.2 | 262.4 | 268.2 | 277.9 | 290.2 | 303.0 | 319.5 | 338.0 | 360.4 | 385.4 |
| 40° | 249.6 | 250.1 | 252.0 | 257.4 | 265.9 | 277.5 | 290.0 | 306.2 | 323.9 | 345.1 | 369.9 |
| 42.5° | 241.2 | 240.9 | 242.8 | 246.6 | 254.5 | 265.0 | 277.3 | 292.2 | 309.8 | 329.4 | 352.7 |
| 45° | 228.0 | 228.0 | 227.5 | 230.6 | 237.1 | 247.4 | 257.7 | 271.9 | 286.6 | 305.9 | 325.5 |
| 47.5° | 214.1 | 212.9 | 213.3 | 214.9 | 220.4 | 228.8 | 239.1 | 250.8 | 263.8 | 280.0 | 297.3 |
| 50° | 205.2 | 203.4 | 202.7 | 204.5 | 209.4 | 216.8 | 226.7 | 236.9 | 249.2 | 263.4 | 278.1 |
| 52.5° | 195.4 | 193.6 | 192.4 | 193.7 | 198.2 | 205.0 | 214.0 | 223.0 | 234.0 | 245.6 | 258.4 |
| 55° | 180.2 | 178.2 | 177.6 | 178.0 | 181.3 | 186.7 | 194.3 | 202.6 | 210.8 | 220.4 | 229.3 |
| 57.5° | 165.3 | 162.0 | 161.4 | 161.2 | 163.4 | 168.3 | 174.7 | 181.8 | 187.8 | 193.7 | 203.2 |
| 60° | 155.5 | 151.5 | 150.1 | 149.9 | 151.7 | 155.7 | 161.5 | 168.6 | 172.9 | 176.9 | 185.1 |
| 62.5° | 145.0 | 141.1 | 138.2 | 138.5 | 140.1 | 143.9 | 149.0 | 154.2 | 157.0 | 161.4 | 166.9 |
| 65° | 128.8 | 123.9 | 121.6 | 120.9 | 121.8 | 124.9 | 128.9 | 132.2 | 135.4 | 137.2 | 142.5 |
| 67.5° | 112.4 | 108.4 | 105.1 | 104.2 | 103.9 | 106.0 | 109.3 | 111.3 | 113.6 | 115.1 | 118.3 |
| 70° | 101.0 | 97.5 | 93.5 | 92.1 | 91.9 | 93.7 | 96.8 | 97.1 | 100.2 | 100.9 | 104.2 |
| 72.5° | 89.8 | 85.3 | 82.6 | 81.2 | 80.3 | 81.9 | 84.0 | 84.5 | 86.2 | 87.5 | 89.2 |
| 75° | 72.3 | 68.9 | 66.3 | 64.3 | 63.6 | 64.5 | 64.5 | 65.6 | 66.7 | 67.4 | 69.4 |
| 77.5° | 56.9 | 53.1 | 49.9 | 48.7 | 47.9 | 47.3 | 47.8 | 48.5 | 48.0 | 49.1 | 49.6 |
| 80° | 46.2 | 42.1 | 39.7 | 39.3 | 37.9 | 36.9 | 36.6 | 37.2 | 36.4 | 36.9 | 38.2 |
| 82.5° | 35.6 | 33.1 | 30.4 | 30.0 | 28.3 | 27.7 | 27.5 | 27.1 | 27.1 | 27.0 | 27.2 |
| 85° | 21.2 | 19.6 | 17.8 | 16.8 | 16.0 | 15.0 | 15.0 | 14.5 | 14.0 | 13.6 | 13.9 |
| 87.5° | 9.7 | 9.4 | 8.4 | 7.7 | 7.4 | 6.2 | 6.2 | 5.7 | 5.4 | 5.0 | 4.7 |
| 90° | 5.7 | 6.0 | 5.4 | 4.6 | 4.6 | 2.6 | 2.6 | 2.4 | 2.0 | 1.0 | 0.4 |
| 92.5° | 88.0 | 105.7 | 92.5 | 67.3 | 41.5 | 24.5 | 17.6 | 12.7 | 8.7 | 5.6 | 3.8 |
| 95° | 279.2 | 271.5 | 204.9 | 125.3 | 70.6 | 41.7 | 27.6 | 19.7 | 15.4 | 12.0 | 11.0 |
| 97.5° | 350.7 | 286.0 | 191.7 | 112.6 | 67.5 | 45.1 | 33.5 | 26.6 | 22.6 | 19.7 | 19.7 |
| 100° | 353.1 | 267.9 | 173.9 | 105.9 | 68.3 | 48.6 | 38.0 | 31.7 | 27.6 | 25.4 | 25.4 |
| 102.5° | 333.1 | 245.2 | 161.9 | 104.1 | 71.0 | 53.2 | 43.1 | 36.9 | 33.3 | 31.2 | 30.6 |
| 105° | 296.8 | 218.5 | 151.6 | 104.9 | 77.3 | 61.3 | 51.7 | 45.6 | 41.7 | 40.0 | 39.0 |
| 107.5° | 267.5 | 203.6 | 149.7 | 109.9 | 84.6 | 70.0 | 60.5 | 54.8 | 50.5 | 48.8 | 48.2 |
| 110° | 252.9 | 198.5 | 150.2 | 113.6 | 90.3 | 75.6 | 66.6 | 60.6 | 56.6 | 55.0 | 54.3 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 244.6 | 196.1 | 151.8 | 117.6 | 95.6 | 81.4 | 72.5 | 66.4 | 62.8 | 60.8 | 60.1 |
| 115° | 236.9 | 194.9 | 154.9 | 123.9 | 104.0 | 90.6 | 81.6 | 75.3 | 71.9 | 69.7 | 68.6 |
| 117.5° | 233.4 | 194.5 | 158.2 | 130.4 | 112.0 | 99.3 | 90.0 | 84.1 | 80.4 | 78.3 | 77.4 |
| 120° | 231.5 | 194.5 | 160.6 | 134.9 | 117.6 | 104.9 | 95.6 | 89.9 | 86.2 | 84.0 | 83.3 |
| 122.5° | 229.4 | 194.3 | 163.0 | 139.2 | 122.9 | 110.3 | 101.2 | 95.0 | 91.6 | 89.3 | 88.6 |
| 125° | 225.8 | 193.9 | 166.5 | 145.5 | 130.3 | 118.3 | 109.0 | 102.6 | 99.0 | 96.9 | 95.6 |
| 127.5° | 221.1 | 193.1 | 169.5 | 151.1 | 137.0 | 125.5 | 116.0 | 109.4 | 105.3 | 102.8 | 101.8 |
| 130° | 218.2 | 192.8 | 171.5 | 154.6 | 141.6 | 130.3 | 120.6 | 114.2 | 109.2 | 106.6 | 105.3 |
| 132.5° | 215.6 | 192.7 | 173.4 | 158.1 | 145.3 | 133.9 | 124.9 | 118.0 | 113.3 | 109.8 | 108.8 |
| 135° | 211.5 | 192.2 | 176.3 | 162.6 | 150.5 | 139.6 | 130.9 | 123.9 | 118.3 | 114.9 | 113.6 |
| 137.5° | 208.1 | 192.2 | 177.9 | 165.8 | 154.6 | 144.3 | 136.0 | 128.8 | 123.4 | 119.7 | 118.5 |
| 140° | 206.2 | 191.9 | 179.2 | 167.9 | 157.2 | 147.2 | 139.2 | 132.2 | 126.6 | 122.9 | 122.0 |
| 142.5° | 204.6 | 191.9 | 180.3 | 169.5 | 159.7 | 149.9 | 142.1 | 135.4 | 130.1 | 126.7 | 125.6 |
| 145° | 201.9 | 191.2 | 180.9 | 171.3 | 162.2 | 153.5 | 146.3 | 139.9 | 135.3 | 132.0 | 130.9 |
| 147.5° | 199.4 | 190.0 | 181.3 | 172.8 | 164.9 | 156.7 | 150.1 | 144.9 | 140.2 | 137.1 | 136.9 |
| 150° | 197.6 | 189.2 | 181.3 | 173.5 | 166.3 | 158.9 | 152.6 | 147.6 | 143.5 | 140.9 | 140.5 |
| 152.5° | 195.4 | 187.8 | 180.7 | 174.1 | 167.3 | 160.8 | 155.0 | 150.5 | 146.8 | 144.1 | 144.0 |
| 155° | 192.2 | 185.9 | 179.9 | 174.6 | 168.9 | 163.2 | 158.3 | 154.6 | 151.3 | 149.2 | 148.9 |
| 157.5° | 189.0 | 183.8 | 179.0 | 174.6 | 170.0 | 165.2 | 161.3 | 158.1 | 155.5 | 153.6 | 153.6 |
| 160° | 186.5 | 182.2 | 178.2 | 174.6 | 170.6 | 166.5 | 162.9 | 160.2 | 157.9 | 156.6 | 156.6 |
| 162.5° | 184.5 | 180.6 | 177.4 | 174.6 | 171.1 | 167.4 | 164.5 | 162.1 | 160.0 | 159.0 | 159.2 |
| 165° | 180.9 | 178.2 | 175.9 | 173.9 | 171.3 | 168.2 | 166.3 | 164.6 | 162.9 | 162.2 | 162.2 |
| 167.5° | 177.7 | 175.8 | 174.3 | 173.1 | 171.2 | 169.0 | 167.4 | 166.5 | 165.2 | 164.9 | 165.2 |
| 170° | 175.6 | 174.2 | 173.2 | 172.6 | 170.9 | 169.2 | 168.2 | 167.6 | 166.5 | 166.3 | 166.5 |
| 172.5° | 173.7 | 172.6 | 172.2 | 172.0 | 170.6 | 169.5 | 168.7 | 168.3 | 167.6 | 167.6 | 167.9 |
| 175° | 171.5 | 170.9 | 170.9 | 171.3 | 170.2 | 169.6 | 169.6 | 169.2 | 168.9 | 168.9 | 169.2 |
| 177.5° | 170.1 | 169.8 | 169.8 | 170.3 | 169.8 | 169.6 | 169.6 | 169.6 | 169.3 | 169.6 | 169.8 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 542.1 | 543.8 | 546.2 | 550.1 | 551.5 | 553.3 | 555.8 | 555.6 | 556.3 | 559.0 | 564.7 |
| 5° | 544.0 | 551.0 | 557.7 | 565.7 | 574.2 | 579.8 | 587.3 | 592.0 | 596.7 | 602.8 | 613.0 |
| 7.5° | 544.9 | 555.8 | 568.1 | 582.2 | 594.7 | 609.2 | 620.5 | 631.1 | 640.7 | 653.4 | 665.6 |
| 10° | 543.7 | 558.4 | 574.2 | 592.0 | 611.0 | 627.1 | 641.6 | 658.1 | 672.1 | 687.5 | 701.3 |
| 12.5° | 541.3 | 559.0 | 580.2 | 600.2 | 622.4 | 646.1 | 664.2 | 680.9 | 699.6 | 717.3 | 738.7 |
| 15° | 536.0 | 560.3 | 585.1 | 611.4 | 641.1 | 668.5 | 694.7 | 716.2 | 736.3 | 762.9 | 790.8 |
| 17.5° | 529.3 | 555.5 | 586.8 | 618.7 | 649.7 | 681.0 | 713.3 | 745.8 | 771.2 | 804.2 | 826.0 |
| 20° | 523.1 | 553.5 | 585.6 | 623.5 | 654.5 | 693.5 | 725.7 | 757.1 | 791.9 | 824.7 | 850.8 |
| 22.5° | 514.3 | 547.5 | 581.6 | 619.3 | 660.2 | 699.3 | 736.3 | 770.4 | 805.3 | 840.9 | 872.5 |
| 25° | 503.2 | 533.4 | 573.7 | 616.5 | 657.1 | 699.6 | 742.2 | 784.9 | 822.5 | 860.2 | 889.6 |
| 27.5° | 484.4 | 522.4 | 560.0 | 604.2 | 649.2 | 697.2 | 742.8 | 787.6 | 826.9 | 857.9 | 876.1 |
| 30° | 474.7 | 507.7 | 548.6 | 593.0 | 641.8 | 693.3 | 740.8 | 784.8 | 821.3 | 846.1 | 853.5 |
| 32.5° | 460.4 | 494.5 | 534.4 | 580.4 | 632.2 | 685.1 | 734.5 | 776.0 | 806.5 | 819.5 | 810.7 |
| 35° | 439.2 | 470.0 | 510.4 | 557.4 | 611.2 | 667.6 | 716.5 | 751.5 | 767.1 | 754.9 | 724.3 |
| 37.5° | 413.8 | 444.3 | 484.8 | 531.1 | 586.7 | 644.1 | 688.2 | 713.5 | 708.3 | 677.8 | 632.3 |
| 40° | 396.0 | 424.5 | 463.1 | 513.0 | 567.2 | 624.8 | 663.6 | 677.2 | 663.0 | 619.3 | 570.8 |
| 42.5° | 376.2 | 404.0 | 442.7 | 491.0 | 548.4 | 601.4 | 635.3 | 636.4 | 612.5 | 560.2 | 511.6 |
| 45° | 346.0 | 372.5 | 409.1 | 459.3 | 512.4 | 562.3 | 584.7 | 573.7 | 529.5 | 479.2 | 430.3 |
| 47.5° | 316.2 | 339.2 | 375.3 | 422.9 | 473.3 | 515.4 | 526.5 | 506.8 | 459.8 | 410.8 | 365.5 |
| 50° | 294.5 | 317.6 | 351.6 | 397.1 | 445.7 | 482.0 | 487.4 | 461.3 | 415.1 | 365.8 | 330.4 |
| 52.5° | 273.5 | 296.6 | 329.2 | 371.4 | 415.8 | 448.7 | 448.8 | 418.7 | 372.7 | 328.8 | 295.8 |
| 55° | 242.9 | 263.6 | 293.1 | 330.8 | 370.5 | 396.2 | 389.9 | 358.7 | 318.8 | 280.6 | 251.8 |
| 57.5° | 213.4 | 231.5 | 258.5 | 290.0 | 325.0 | 346.2 | 335.8 | 305.8 | 270.1 | 237.7 | 215.9 |
| 60° | 194.3 | 211.5 | 234.7 | 264.4 | 293.8 | 310.3 | 300.5 | 273.2 | 240.4 | 214.3 | 195.4 |
| 62.5° | 175.7 | 190.2 | 212.5 | 238.3 | 265.6 | 277.8 | 269.1 | 242.2 | 213.9 | 190.3 | 174.8 |
| 65° | 149.5 | 161.3 | 179.1 | 201.2 | 221.0 | 231.6 | 224.2 | 199.2 | 177.6 | 160.6 | 148.4 |
| 67.5° | 124.9 | 134.1 | 147.7 | 165.4 | 182.3 | 187.9 | 181.3 | 163.8 | 145.5 | 132.0 | 123.3 |
| 70° | 107.9 | 116.7 | 128.0 | 141.7 | 156.4 | 162.4 | 155.7 | 141.9 | 127.0 | 114.4 | 105.9 |
| 72.5° | 93.1 | 99.9 | 109.5 | 121.1 | 132.6 | 138.6 | 134.1 | 120.8 | 108.2 | 98.9 | 91.7 |
| 75° | 71.0 | 76.7 | 83.4 | 91.7 | 100.6 | 104.6 | 100.6 | 91.4 | 82.8 | 75.9 | 70.7 |
| 77.5° | 51.6 | 54.7 | 59.9 | 66.1 | 71.6 | 74.6 | 71.2 | 65.0 | 59.7 | 55.0 | 52.4 |
| 80° | 39.3 | 41.5 | 45.1 | 50.0 | 53.7 | 56.6 | 54.4 | 49.3 | 45.1 | 41.9 | 40.8 |
| 82.5° | 28.6 | 30.1 | 32.4 | 36.0 | 38.5 | 40.1 | 39.1 | 35.3 | 33.6 | 30.9 | 29.8 |
| 85° | 14.0 | 15.0 | 16.5 | 17.6 | 19.9 | 20.1 | 20.3 | 18.8 | 17.2 | 16.5 | 15.6 |
| 87.5° | 5.0 | 5.4 | 6.0 | 6.6 | 7.4 | 7.9 | 7.7 | 7.8 | 7.3 | 7.0 | 6.4 |
| 90° | 1.0 | 2.0 | 2.4 | 2.6 | 2.6 | 4.6 | 4.6 | 5.4 | 6.0 | 5.7 | 6.0 |
| 92.5° | 5.6 | 8.7 | 12.7 | 17.6 | 24.5 | 41.5 | 67.3 | 92.5 | 105.7 | 88.0 | 65.4 |
| 95° | 12.0 | 15.4 | 19.7 | 27.6 | 41.7 | 70.6 | 125.3 | 204.9 | 271.5 | 279.2 | 246.9 |
| 97.5° | 19.7 | 22.6 | 26.6 | 33.5 | 45.1 | 67.5 | 112.6 | 191.7 | 286.0 | 350.7 | 364.7 |
| 100° | 25.4 | 27.6 | 31.7 | 38.0 | 48.6 | 68.3 | 105.9 | 173.9 | 267.9 | 353.1 | 401.7 |
| 102.5° | 31.2 | 33.3 | 36.9 | 43.1 | 53.2 | 71.0 | 104.1 | 161.9 | 245.2 | 333.1 | 399.9 |
| 105° | 40.0 | 41.7 | 45.6 | 51.7 | 61.3 | 77.3 | 104.9 | 151.6 | 218.5 | 296.8 | 373.1 |
| 107.5° | 48.8 | 50.5 | 54.8 | 60.5 | 70.0 | 84.6 | 109.9 | 149.7 | 203.6 | 267.5 | 335.1 |
| 110° | 55.0 | 56.6 | 60.6 | 66.6 | 75.6 | 90.3 | 113.6 | 150.2 | 198.5 | 252.9 | 312.2 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 60.8 | 62.8 | 66.4 | 72.5 | 81.4 | 95.6 | 117.6 | 151.8 | 196.1 | 244.6 | 295.3 |
| 115° | 69.7 | 71.9 | 75.3 | 81.6 | 90.6 | 104.0 | 123.9 | 154.9 | 194.9 | 236.9 | 278.5 |
| 117.5° | 78.3 | 80.4 | 84.1 | 90.0 | 99.3 | 112.0 | 130.4 | 158.2 | 194.5 | 233.4 | 270.2 |
| 120° | 84.0 | 86.2 | 89.9 | 95.6 | 104.9 | 117.6 | 134.9 | 160.6 | 194.5 | 231.5 | 266.5 |
| 122.5° | 89.3 | 91.6 | 95.0 | 101.2 | 110.3 | 122.9 | 139.2 | 163.0 | 194.3 | 229.4 | 263.3 |
| 125° | 96.9 | 99.0 | 102.6 | 109.0 | 118.3 | 130.3 | 145.5 | 166.5 | 193.9 | 225.8 | 257.9 |
| 127.5° | 102.8 | 105.3 | 109.4 | 116.0 | 125.5 | 137.0 | 151.1 | 169.5 | 193.1 | 221.1 | 251.2 |
| 130° | 106.6 | 109.2 | 114.2 | 120.6 | 130.3 | 141.6 | 154.6 | 171.5 | 192.8 | 218.2 | 245.8 |
| 132.5° | 109.8 | 113.3 | 118.0 | 124.9 | 133.9 | 145.3 | 158.1 | 173.4 | 192.7 | 215.6 | 240.3 |
| 135° | 114.9 | 118.3 | 123.9 | 130.9 | 139.6 | 150.5 | 162.6 | 176.3 | 192.2 | 211.5 | 232.5 |
| 137.5° | 119.7 | 123.4 | 128.8 | 136.0 | 144.3 | 154.6 | 165.8 | 177.9 | 192.2 | 208.1 | 225.6 |
| 140° | 122.9 | 126.6 | 132.2 | 139.2 | 147.2 | 157.2 | 167.9 | 179.2 | 191.9 | 206.2 | 221.5 |
| 142.5° | 126.7 | 130.1 | 135.4 | 142.1 | 149.9 | 159.7 | 169.5 | 180.3 | 191.9 | 204.6 | 217.8 |
| 145° | 132.0 | 135.3 | 139.9 | 146.3 | 153.5 | 162.2 | 171.3 | 180.9 | 191.2 | 201.9 | 212.5 |
| 147.5° | 137.1 | 140.2 | 144.9 | 150.1 | 156.7 | 164.9 | 172.8 | 181.3 | 190.0 | 199.4 | 208.2 |
| 150° | 140.9 | 143.5 | 147.6 | 152.6 | 158.9 | 166.3 | 173.5 | 181.3 | 189.2 | 197.6 | 205.6 |
| 152.5° | 144.1 | 146.8 | 150.5 | 155.0 | 160.8 | 167.3 | 174.1 | 180.7 | 187.8 | 195.4 | 202.6 |
| 155° | 149.2 | 151.3 | 154.6 | 158.3 | 163.2 | 168.9 | 174.6 | 179.9 | 185.9 | 192.2 | 198.2 |
| 157.5° | 153.6 | 155.5 | 158.1 | 161.3 | 165.2 | 170.0 | 174.6 | 179.0 | 183.8 | 189.0 | 193.5 |
| 160° | 156.6 | 157.9 | 160.2 | 162.9 | 166.5 | 170.6 | 174.6 | 178.2 | 182.2 | 186.5 | 190.6 |
| 162.5° | 159.0 | 160.0 | 162.1 | 164.5 | 167.4 | 171.1 | 174.6 | 177.4 | 180.6 | 184.5 | 187.7 |
| 165° | 162.2 | 162.9 | 164.6 | 166.3 | 168.2 | 171.3 | 173.9 | 175.9 | 178.2 | 180.9 | 183.5 |
| 167.5° | 164.9 | 165.2 | 166.5 | 167.4 | 169.0 | 171.2 | 173.1 | 174.3 | 175.8 | 177.7 | 179.6 |
| 170° | 166.3 | 166.5 | 167.6 | 168.2 | 169.2 | 170.9 | 172.6 | 173.2 | 174.2 | 175.6 | 177.2 |
| 172.5° | 167.6 | 167.6 | 168.3 | 168.7 | 169.5 | 170.6 | 172.0 | 172.2 | 172.6 | 173.7 | 175.1 |
| 175° | 168.9 | 168.9 | 169.2 | 169.6 | 169.6 | 170.2 | 171.3 | 170.9 | 170.9 | 171.5 | 172.2 |
| 177.5° | 169.6 | 169.3 | 169.6 | 169.6 | 169.6 | 169.8 | 170.3 | 169.8 | 169.8 | 170.1 | 170.3 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 | 538.5 |
| 2.5° | 567.6 | 568.0 | 569.6 | 570.8 | 571.2 | 573.0 | 573.1 |
| 5° | 617.5 | 621.2 | 628.6 | 629.2 | 630.4 | 636.2 | 631.7 |
| 7.5° | 675.9 | 685.5 | 691.9 | 697.7 | 699.6 | 702.2 | 701.7 |
| 10° | 713.4 | 727.6 | 734.8 | 746.2 | 746.6 | 749.5 | 747.7 |
| 12.5° | 751.0 | 767.6 | 780.6 | 782.8 | 792.3 | 793.8 | 796.3 |
| 15° | 804.4 | 822.0 | 840.1 | 846.6 | 859.7 | 862.8 | 867.7 |
| 17.5° | 854.5 | 872.5 | 885.2 | 901.9 | 907.4 | 914.5 | 909.6 |
| 20° | 882.0 | 901.6 | 917.8 | 930.9 | 936.4 | 940.5 | 940.0 |
| 22.5° | 898.6 | 918.4 | 931.4 | 941.4 | 946.6 | 948.3 | 948.2 |
| 25° | 909.0 | 920.4 | 924.4 | 928.2 | 922.4 | 920.4 | 921.2 |
| 27.5° | 880.1 | 877.1 | 866.7 | 852.9 | 838.7 | 827.4 | 821.1 |
| 30° | 840.3 | 822.9 | 807.1 | 779.4 | 765.2 | 756.7 | 749.0 |
| 32.5° | 783.9 | 756.3 | 725.9 | 700.5 | 684.3 | 671.8 | 669.9 |
| 35° | 687.3 | 645.8 | 608.5 | 577.5 | 561.5 | 547.9 | 544.7 |
| 37.5° | 584.3 | 541.2 | 507.7 | 480.3 | 463.1 | 453.5 | 444.5 |
| 40° | 515.9 | 478.9 | 445.9 | 422.7 | 409.5 | 402.7 | 397.1 |
| 42.5° | 463.4 | 429.5 | 396.6 | 379.0 | 367.1 | 362.9 | 359.6 |
| 45° | 390.6 | 359.1 | 336.4 | 323.0 | 316.1 | 309.0 | 305.6 |
| 47.5° | 332.3 | 306.8 | 291.8 | 280.4 | 273.0 | 268.7 | 266.6 |
| 50° | 299.4 | 278.4 | 265.0 | 256.3 | 249.6 | 246.3 | 244.5 |
| 52.5° | 270.1 | 252.9 | 241.7 | 234.7 | 230.2 | 227.7 | 227.0 |
| 55° | 232.6 | 219.5 | 212.4 | 206.3 | 203.0 | 200.8 | 199.9 |
| 57.5° | 202.3 | 192.1 | 186.3 | 181.3 | 180.0 | 178.2 | 177.6 |
| 60° | 182.3 | 174.5 | 169.6 | 166.2 | 165.0 | 162.9 | 163.2 |
| 62.5° | 164.6 | 158.2 | 154.0 | 152.1 | 150.6 | 148.7 | 149.4 |
| 65° | 139.2 | 134.5 | 132.2 | 130.5 | 128.8 | 127.6 | 128.5 |
| 67.5° | 116.8 | 113.6 | 110.6 | 109.5 | 108.7 | 108.5 | 107.5 |
| 70° | 102.2 | 99.5 | 96.8 | 96.1 | 96.1 | 95.3 | 95.0 |
| 72.5° | 88.0 | 86.1 | 84.4 | 83.8 | 83.1 | 83.5 | 82.6 |
| 75° | 68.1 | 66.4 | 65.8 | 65.1 | 64.9 | 64.9 | 64.3 |
| 77.5° | 50.2 | 49.1 | 48.1 | 48.1 | 47.2 | 46.9 | 46.8 |
| 80° | 38.2 | 37.7 | 36.9 | 36.9 | 36.4 | 36.6 | 36.1 |
| 82.5° | 28.7 | 28.1 | 27.9 | 27.5 | 26.9 | 27.0 | 26.5 |
| 85° | 15.4 | 14.7 | 14.5 | 13.9 | 13.4 | 13.9 | 13.4 |
| 87.5° | 6.6 | 6.5 | 6.3 | 6.0 | 5.9 | 5.8 | 5.3 |
| 90° | 6.3 | 6.7 | 6.7 | 7.0 | 7.4 | 7.0 | 7.0 |
| 92.5° | 49.2 | 39.2 | 32.5 | 28.6 | 26.8 | 25.6 | 25.6 |
| 95° | 195.2 | 150.5 | 118.3 | 101.9 | 91.6 | 85.6 | 81.2 |
| 97.5° | 345.5 | 312.9 | 278.1 | 254.2 | 234.2 | 224.2 | 217.3 |
| 100° | 408.4 | 392.1 | 367.4 | 338.5 | 318.1 | 308.1 | 305.5 |
| 102.5° | 432.9 | 437.6 | 427.3 | 409.6 | 394.9 | 384.4 | 382.2 |
| 105° | 430.7 | 463.7 | 477.4 | 478.1 | 475.3 | 470.7 | 468.7 |
| 107.5° | 396.4 | 442.8 | 472.6 | 489.0 | 496.6 | 499.9 | 500.8 |
| 110° | 369.8 | 418.1 | 454.7 | 478.3 | 492.4 | 498.3 | 501.3 |



TEST NUMBER: P332492-830

CATALOG NUMBER: SA4XXDIP-C350D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 346.3 | 391.9 | 428.6 | 455.4 | 472.4 | 480.8 | 485.6 |
| 115° | 319.4 | 358.4 | 390.4 | 416.7 | 436.7 | 447.4 | 450.1 |
| 117.5° | 304.2 | 334.8 | 361.9 | 384.4 | 401.1 | 411.9 | 414.0 |
| 120° | 297.5 | 324.1 | 347.8 | 366.7 | 381.4 | 390.1 | 393.8 |
| 122.5° | 293.2 | 317.4 | 338.2 | 354.2 | 366.7 | 374.1 | 377.8 |
| 125° | 286.4 | 309.4 | 327.8 | 341.1 | 350.8 | 357.1 | 359.1 |
| 127.5° | 278.5 | 301.5 | 318.9 | 332.2 | 340.8 | 346.2 | 348.2 |
| 130° | 272.2 | 294.8 | 312.5 | 326.1 | 334.4 | 339.8 | 341.8 |
| 132.5° | 264.9 | 287.1 | 304.7 | 318.1 | 327.5 | 332.6 | 334.6 |
| 135° | 254.2 | 274.5 | 291.2 | 304.4 | 313.8 | 319.1 | 321.1 |
| 137.5° | 243.8 | 261.0 | 276.0 | 288.5 | 297.7 | 302.1 | 304.4 |
| 140° | 237.1 | 252.1 | 266.2 | 277.9 | 285.1 | 289.8 | 292.5 |
| 142.5° | 231.6 | 244.4 | 256.6 | 266.9 | 273.7 | 277.9 | 279.7 |
| 145° | 223.9 | 233.8 | 243.2 | 251.5 | 257.1 | 260.5 | 262.1 |
| 147.5° | 217.2 | 225.2 | 232.5 | 238.7 | 243.6 | 246.0 | 246.7 |
| 150° | 213.2 | 219.9 | 225.8 | 231.2 | 235.5 | 237.5 | 237.8 |
| 152.5° | 209.2 | 215.4 | 220.3 | 224.8 | 228.3 | 229.5 | 229.9 |
| 155° | 203.5 | 208.5 | 212.5 | 215.8 | 218.5 | 219.5 | 219.5 |
| 157.5° | 197.9 | 202.2 | 205.4 | 207.8 | 209.9 | 210.5 | 210.5 |
| 160° | 194.2 | 197.8 | 200.6 | 202.6 | 204.5 | 204.9 | 204.9 |
| 162.5° | 190.8 | 193.6 | 196.0 | 197.5 | 199.4 | 199.8 | 199.5 |
| 165° | 185.6 | 187.8 | 189.5 | 190.9 | 192.2 | 191.9 | 191.5 |
| 167.5° | 181.2 | 183.0 | 184.0 | 184.6 | 185.6 | 185.5 | 185.2 |
| 170° | 178.2 | 179.6 | 180.6 | 181.3 | 181.5 | 181.3 | 181.3 |
| 172.5° | 175.8 | 176.6 | 177.4 | 177.8 | 178.0 | 177.8 | 177.2 |
| 175° | 172.6 | 173.2 | 173.2 | 173.2 | 173.9 | 173.2 | 172.6 |
| 177.5° | 170.6 | 170.6 | 170.9 | 170.6 | 170.9 | 170.3 | 169.8 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |

(END OF REPORT)