

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: P332611-935

Luminaire Tested: **S124DIP-S795D1035U935-4F0-1E-UDD-D1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332611-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIP-S795D1035U935-4F0-1E-UDD-D1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 795 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5874.1 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.28 / 1.39
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.08')
CIE Type: General Diffuse

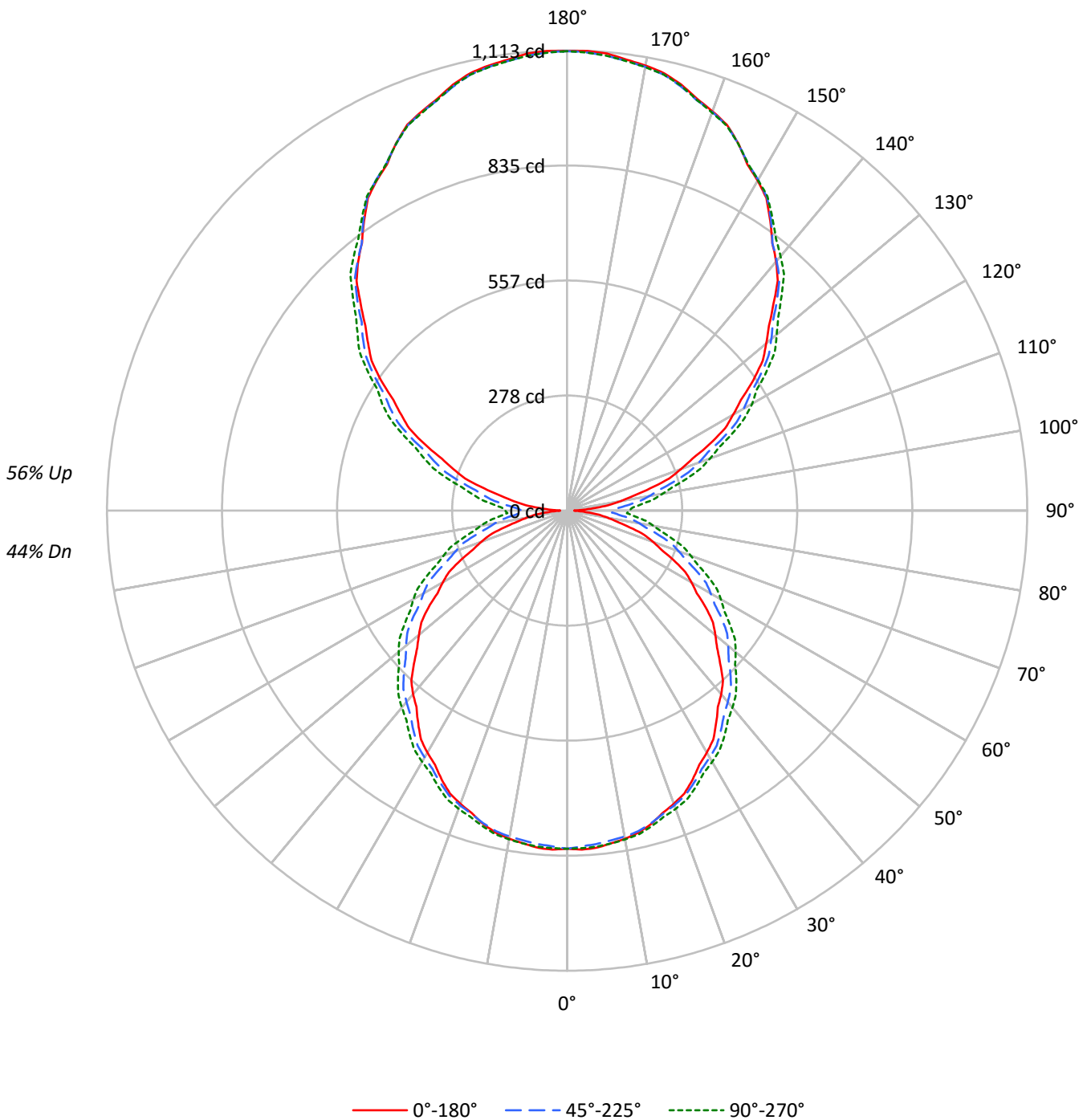
Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

Luminous Intensity Polar Plot





TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 44 |
| 1 | 96 | 91 | 87 | 83 | 87 | 83 | 80 | 76 | 69 | 66 | 64 | 55 | 54 | 52 | 43 | 42 | 41 | 35 |
| 2 | 87 | 79 | 72 | 67 | 79 | 72 | 67 | 62 | 60 | 56 | 52 | 48 | 45 | 43 | 38 | 35 | 34 | 29 |
| 3 | 79 | 69 | 61 | 55 | 72 | 63 | 57 | 51 | 52 | 47 | 43 | 42 | 39 | 36 | 33 | 30 | 28 | 24 |
| 4 | 72 | 61 | 53 | 46 | 65 | 56 | 49 | 43 | 46 | 41 | 37 | 37 | 33 | 30 | 29 | 26 | 24 | 20 |
| 5 | 66 | 54 | 46 | 39 | 60 | 50 | 42 | 37 | 41 | 36 | 31 | 33 | 29 | 26 | 26 | 23 | 21 | 17 |
| 6 | 61 | 48 | 40 | 34 | 55 | 44 | 37 | 32 | 37 | 31 | 27 | 30 | 26 | 23 | 24 | 21 | 18 | 15 |
| 7 | 56 | 43 | 35 | 30 | 51 | 40 | 33 | 28 | 33 | 28 | 24 | 27 | 23 | 20 | 22 | 18 | 16 | 13 |
| 8 | 52 | 39 | 31 | 26 | 47 | 36 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 14 | 12 |
| 9 | 48 | 36 | 28 | 23 | 44 | 33 | 26 | 22 | 28 | 22 | 19 | 23 | 19 | 16 | 18 | 15 | 13 | 11 |
| 10 | 45 | 33 | 25 | 21 | 41 | 30 | 24 | 19 | 26 | 20 | 17 | 21 | 17 | 14 | 17 | 14 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 6603 | 6603 | 6603 |
| 5° | 6622 | 6453 | 6471 |
| 10° | 6582 | 6347 | 6342 |
| 15° | 6524 | 6225 | 6190 |
| 20° | 6435 | 6090 | 6044 |
| 25° | 6334 | 5939 | 5882 |
| 30° | 6226 | 5788 | 5714 |
| 35° | 6103 | 5635 | 5569 |
| 40° | 6004 | 5488 | 5417 |
| 45° | 5858 | 5352 | 5286 |
| 50° | 5735 | 5197 | 5149 |
| 55° | 5608 | 5051 | 4987 |
| 60° | 5409 | 4863 | 4840 |
| 65° | 5191 | 4662 | 4657 |
| 70° | 4927 | 4433 | 4447 |
| 75° | 4561 | 4182 | 4255 |
| 80° | 4149 | 3940 | 4067 |
| 85° | 3636 | 3724 | 3960 |



TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 77.4 | 1.3 |
| 10°-20° | 221.9 | 3.8 |
| 20°-30° | 335.5 | 5.7 |
| 30°-40° | 405.9 | 6.9 |
| 40°-50° | 429.2 | 7.3 |
| 50°-60° | 403.9 | 6.9 |
| 60°-70° | 335.1 | 5.7 |
| 70°-80° | 235.4 | 4.0 |
| 80°-90° | 136.4 | 2.3 |
| 90°-100° | 152.3 | 2.6 |
| 100°-110° | 275.6 | 4.7 |
| 110°-120° | 407.8 | 6.9 |
| 120°-130° | 508.0 | 8.6 |
| 130°-140° | 555.3 | 9.5 |
| 140°-150° | 538.2 | 9.2 |
| 150°-160° | 451.0 | 7.7 |
| 160°-170° | 300.1 | 5.1 |
| 170°-180° | 105.1 | 1.8 |
| 0°-30° | 634.9 | 10.8 |
| 0°-40° | 1040.8 | 17.7 |
| 0°-60° | 1873.9 | 31.9 |
| 0°-90° | 2580.8 | 43.9 |
| 90°-120° | 835.7 | 14.2 |
| 90°-150° | 2437.2 | 41.5 |
| 90°-180° | 3293.0 | 56.1 |
| 0°-180° | 5874.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 818 | 818 | 818 | 818 | 818 | |
| 5° | 819 | 816 | 810 | 816 | 816 | 78 |
| 15° | 785 | 786 | 783 | 791 | 790 | 221 |
| 25° | 718 | 723 | 726 | 736 | 737 | 331 |
| 35° | 628 | 639 | 648 | 661 | 664 | 393 |
| 45° | 524 | 541 | 559 | 574 | 579 | 405 |
| 55° | 410 | 430 | 457 | 475 | 481 | 365 |
| 65° | 284 | 313 | 344 | 366 | 374 | 281 |
| 75° | 158 | 192 | 230 | 255 | 264 | 168 |
| 85° | 49 | 87 | 128 | 155 | 165 | 52 |
| 90° | 17 | 63 | 110 | 140 | 150 | 13 |
| 95° | 64 | 102 | 145 | 171 | 181 | 67 |
| 105° | 208 | 229 | 265 | 290 | 300 | 222 |
| 115° | 380 | 390 | 416 | 435 | 441 | 375 |
| 125° | 549 | 550 | 570 | 586 | 590 | 490 |
| 135° | 706 | 711 | 717 | 730 | 733 | 546 |
| 145° | 856 | 858 | 859 | 864 | 865 | 536 |
| 155° | 980 | 980 | 979 | 982 | 979 | 451 |
| 165° | 1066 | 1064 | 1062 | 1067 | 1064 | 301 |
| 175° | 1110 | 1105 | 1104 | 1110 | 1104 | 105 |
| 180° | 1111 | 1111 | 1111 | 1111 | 1111 | |



TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 |
| 2.5° | 820.8 | 820.3 | 819.8 | 819.3 | 818.8 | 817.9 | 816.6 | 815.3 | 814.0 | 812.7 | 813.8 |
| 5° | 818.7 | 818.1 | 817.5 | 816.9 | 816.3 | 815.3 | 813.8 | 812.4 | 811.0 | 809.6 | 811.2 |
| 7.5° | 811.8 | 811.4 | 811.1 | 810.7 | 810.3 | 809.5 | 808.4 | 807.2 | 806.0 | 804.9 | 806.7 |
| 10° | 805.9 | 805.7 | 805.6 | 805.3 | 805.1 | 804.5 | 803.5 | 802.5 | 801.4 | 800.4 | 802.3 |
| 12.5° | 797.9 | 797.8 | 797.8 | 797.7 | 797.7 | 797.4 | 796.7 | 795.9 | 795.2 | 794.5 | 796.3 |
| 15° | 784.9 | 785.1 | 785.2 | 785.5 | 785.7 | 785.5 | 784.9 | 784.3 | 783.6 | 783.0 | 784.9 |
| 17.5° | 767.1 | 767.7 | 768.3 | 769.0 | 769.6 | 769.7 | 769.6 | 769.6 | 769.4 | 769.3 | 771.2 |
| 20° | 754.7 | 755.3 | 755.9 | 756.5 | 757.1 | 757.5 | 757.7 | 757.9 | 758.1 | 758.3 | 760.3 |
| 22.5° | 740.7 | 741.5 | 742.3 | 743.0 | 743.8 | 744.4 | 744.8 | 745.1 | 745.5 | 745.9 | 747.9 |
| 25° | 718.0 | 719.2 | 720.5 | 721.7 | 722.9 | 723.8 | 724.4 | 725.0 | 725.7 | 726.3 | 728.5 |
| 27.5° | 692.8 | 694.5 | 696.3 | 698.1 | 699.9 | 701.3 | 702.2 | 703.1 | 704.0 | 705.0 | 707.1 |
| 30° | 675.9 | 677.5 | 679.2 | 680.8 | 682.4 | 683.9 | 685.4 | 686.7 | 688.2 | 689.6 | 691.8 |
| 32.5° | 657.5 | 659.5 | 661.5 | 663.4 | 665.4 | 667.1 | 668.7 | 670.3 | 671.9 | 673.5 | 676.1 |
| 35° | 628.3 | 630.7 | 633.2 | 635.6 | 638.0 | 640.2 | 642.3 | 644.4 | 646.4 | 648.4 | 651.3 |
| 37.5° | 598.7 | 601.6 | 604.4 | 607.2 | 610.0 | 612.7 | 615.2 | 617.7 | 620.3 | 622.8 | 625.7 |
| 40° | 579.7 | 582.4 | 585.0 | 587.6 | 590.3 | 593.1 | 595.9 | 598.7 | 601.6 | 604.4 | 607.5 |
| 42.5° | 557.8 | 560.7 | 563.7 | 566.6 | 569.6 | 572.7 | 576.1 | 579.5 | 582.8 | 586.1 | 589.5 |
| 45° | 523.8 | 527.7 | 531.6 | 535.5 | 539.3 | 543.2 | 547.1 | 551.0 | 554.7 | 558.6 | 562.1 |
| 47.5° | 491.5 | 495.4 | 499.4 | 503.4 | 507.4 | 511.6 | 516.1 | 520.6 | 525.0 | 529.5 | 533.1 |
| 50° | 468.0 | 472.4 | 476.9 | 481.4 | 485.9 | 490.3 | 494.8 | 499.3 | 503.8 | 508.2 | 512.4 |
| 52.5° | 444.5 | 449.0 | 453.5 | 458.0 | 462.4 | 467.3 | 472.3 | 477.5 | 482.7 | 487.8 | 491.8 |
| 55° | 410.3 | 414.6 | 418.9 | 423.1 | 427.4 | 432.6 | 438.7 | 444.8 | 450.9 | 457.0 | 461.1 |
| 57.5° | 372.0 | 377.3 | 382.6 | 387.9 | 393.1 | 398.8 | 404.9 | 411.0 | 417.1 | 423.1 | 427.9 |
| 60° | 347.1 | 352.4 | 357.7 | 363.0 | 368.2 | 374.3 | 381.0 | 387.7 | 394.4 | 401.1 | 405.8 |
| 62.5° | 322.9 | 328.7 | 334.5 | 340.3 | 346.0 | 352.3 | 359.0 | 365.8 | 372.5 | 379.2 | 383.8 |
| 65° | 283.9 | 290.4 | 297.0 | 303.4 | 310.0 | 316.7 | 323.6 | 330.5 | 337.4 | 344.3 | 349.4 |
| 67.5° | 246.3 | 253.3 | 260.2 | 267.1 | 274.1 | 281.2 | 288.6 | 296.0 | 303.4 | 310.8 | 316.0 |
| 70° | 220.7 | 227.6 | 234.5 | 241.5 | 248.4 | 255.7 | 263.5 | 271.2 | 278.9 | 286.6 | 292.1 |
| 72.5° | 195.8 | 202.9 | 210.0 | 217.1 | 224.1 | 231.8 | 240.0 | 248.2 | 256.5 | 264.7 | 270.0 |
| 75° | 157.6 | 165.1 | 172.5 | 180.1 | 187.6 | 195.7 | 204.2 | 212.8 | 221.4 | 229.9 | 235.6 |
| 77.5° | 121.8 | 129.8 | 137.8 | 145.8 | 153.7 | 162.2 | 171.2 | 180.1 | 189.1 | 198.0 | 203.8 |
| 80° | 99.8 | 108.0 | 116.1 | 124.2 | 132.4 | 140.9 | 149.9 | 158.9 | 167.8 | 176.8 | 182.9 |
| 82.5° | 77.8 | 86.3 | 94.8 | 103.2 | 111.7 | 120.5 | 129.4 | 138.4 | 147.3 | 156.3 | 162.5 |
| 85° | 48.6 | 57.1 | 65.6 | 74.2 | 82.7 | 91.6 | 100.7 | 109.9 | 119.1 | 128.2 | 134.3 |
| 87.5° | 27.6 | 36.3 | 45.0 | 53.8 | 62.5 | 71.5 | 80.7 | 89.9 | 99.2 | 108.4 | 114.5 |
| 90° | 17.2 | 27.5 | 37.7 | 48.0 | 58.2 | 68.4 | 78.7 | 89.0 | 99.3 | 109.6 | 116.6 |
| 92.5° | 32.3 | 42.0 | 51.7 | 61.5 | 71.2 | 81.0 | 90.8 | 100.7 | 110.5 | 120.3 | 126.7 |
| 95° | 63.5 | 71.9 | 80.3 | 88.8 | 97.2 | 106.2 | 116.0 | 125.6 | 135.3 | 145.0 | 151.0 |
| 97.5° | 100.9 | 108.1 | 115.2 | 122.3 | 129.5 | 138.0 | 147.8 | 157.6 | 167.5 | 177.3 | 183.3 |
| 100° | 130.4 | 136.5 | 142.5 | 148.5 | 154.6 | 162.5 | 172.1 | 181.8 | 191.4 | 201.1 | 207.0 |
| 102.5° | 162.0 | 166.9 | 171.9 | 176.8 | 181.8 | 188.9 | 198.3 | 207.6 | 217.0 | 226.3 | 232.2 |
| 105° | 208.4 | 212.8 | 217.0 | 221.3 | 225.5 | 231.8 | 240.1 | 248.4 | 256.7 | 265.0 | 270.6 |
| 107.5° | 259.0 | 262.6 | 266.1 | 269.7 | 273.3 | 278.7 | 285.9 | 293.2 | 300.4 | 307.6 | 313.1 |
| 110° | 292.7 | 295.8 | 299.1 | 302.3 | 305.6 | 310.6 | 317.6 | 324.5 | 331.5 | 338.4 | 342.7 |



TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 327.7 | 330.3 | 332.9 | 335.4 | 338.0 | 342.6 | 349.0 | 355.5 | 362.0 | 368.4 | 372.8 |
| 115° | 380.2 | 382.0 | 383.8 | 385.7 | 387.5 | 391.5 | 397.6 | 403.7 | 409.9 | 416.0 | 420.3 |
| 117.5° | 430.5 | 431.8 | 433.1 | 434.3 | 435.6 | 439.1 | 444.9 | 450.6 | 456.5 | 462.3 | 465.9 |
| 120° | 463.5 | 464.9 | 466.2 | 467.6 | 469.0 | 472.3 | 477.7 | 483.0 | 488.4 | 493.7 | 496.8 |
| 122.5° | 498.5 | 498.9 | 499.4 | 499.8 | 500.2 | 503.2 | 508.4 | 513.8 | 519.1 | 524.3 | 527.8 |
| 125° | 549.4 | 549.1 | 549.0 | 548.8 | 548.5 | 551.0 | 555.8 | 560.7 | 565.6 | 570.5 | 573.9 |
| 127.5° | 596.2 | 596.5 | 596.8 | 597.2 | 597.6 | 599.6 | 603.2 | 606.7 | 610.4 | 614.0 | 617.3 |
| 130° | 628.4 | 628.8 | 629.1 | 629.5 | 629.9 | 631.7 | 634.9 | 638.2 | 641.4 | 644.7 | 648.0 |
| 132.5° | 662.1 | 662.3 | 662.5 | 662.7 | 663.0 | 664.3 | 666.8 | 669.2 | 671.7 | 674.1 | 677.2 |
| 135° | 705.7 | 706.8 | 708.0 | 709.1 | 710.2 | 711.5 | 713.0 | 714.4 | 715.8 | 717.2 | 720.1 |
| 137.5° | 754.1 | 754.5 | 754.8 | 755.2 | 755.4 | 756.1 | 757.2 | 758.1 | 759.1 | 760.1 | 762.6 |
| 140° | 786.4 | 786.6 | 786.8 | 787.0 | 787.2 | 787.4 | 787.6 | 787.7 | 788.0 | 788.2 | 790.7 |
| 142.5° | 815.3 | 815.6 | 816.0 | 816.3 | 816.7 | 816.7 | 816.4 | 816.1 | 815.9 | 815.6 | 817.9 |
| 145° | 856.0 | 856.6 | 857.1 | 857.7 | 858.2 | 858.6 | 858.8 | 859.0 | 859.2 | 859.4 | 860.4 |
| 147.5° | 896.6 | 897.2 | 898.0 | 898.7 | 899.4 | 899.7 | 899.6 | 899.4 | 899.2 | 899.1 | 899.1 |
| 150° | 921.4 | 921.9 | 922.5 | 923.0 | 923.6 | 923.9 | 923.9 | 923.9 | 923.9 | 923.9 | 923.9 |
| 152.5° | 944.0 | 944.4 | 944.8 | 945.2 | 945.6 | 945.9 | 946.1 | 946.2 | 946.4 | 946.5 | 947.0 |
| 155° | 979.7 | 979.7 | 979.7 | 979.7 | 979.7 | 979.6 | 979.4 | 979.2 | 979.0 | 978.9 | 979.6 |
| 157.5° | 1010.0 | 1009.6 | 1009.3 | 1008.9 | 1008.6 | 1008.4 | 1008.3 | 1008.3 | 1008.3 | 1008.2 | 1008.8 |
| 160° | 1027.9 | 1027.6 | 1027.4 | 1027.3 | 1027.1 | 1026.9 | 1026.7 | 1026.5 | 1026.3 | 1026.1 | 1026.7 |
| 162.5° | 1044.3 | 1043.9 | 1043.4 | 1042.8 | 1042.3 | 1042.0 | 1041.8 | 1041.6 | 1041.5 | 1041.2 | 1042.2 |
| 165° | 1066.5 | 1065.9 | 1065.4 | 1064.8 | 1064.2 | 1063.8 | 1063.3 | 1063.0 | 1062.6 | 1062.2 | 1063.3 |
| 167.5° | 1083.6 | 1082.7 | 1081.9 | 1081.2 | 1080.3 | 1080.0 | 1080.0 | 1080.0 | 1080.0 | 1080.1 | 1081.2 |
| 170° | 1093.1 | 1092.2 | 1091.2 | 1090.3 | 1089.3 | 1088.9 | 1089.2 | 1089.3 | 1089.5 | 1089.7 | 1090.9 |
| 172.5° | 1100.0 | 1099.2 | 1098.5 | 1097.6 | 1096.8 | 1096.4 | 1096.5 | 1096.5 | 1096.6 | 1096.6 | 1097.9 |
| 175° | 1109.5 | 1108.5 | 1107.6 | 1106.6 | 1105.7 | 1105.1 | 1104.9 | 1104.7 | 1104.5 | 1104.3 | 1105.7 |
| 177.5° | 1112.6 | 1111.8 | 1111.0 | 1110.3 | 1109.5 | 1109.1 | 1109.1 | 1109.1 | 1109.1 | 1109.1 | 1110.2 |
| 180° | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 |



TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 | 817.9 |
| 2.5° | 814.9 | 816.1 | 817.3 | 817.8 | 817.6 | 817.4 | 817.3 | 817.1 |
| 5° | 812.9 | 814.5 | 816.1 | 816.8 | 816.6 | 816.4 | 816.2 | 816.0 |
| 7.5° | 808.5 | 810.3 | 812.2 | 813.0 | 812.8 | 812.5 | 812.4 | 812.2 |
| 10° | 804.1 | 805.9 | 807.8 | 808.6 | 808.4 | 808.1 | 808.0 | 807.8 |
| 12.5° | 797.9 | 799.6 | 801.2 | 802.0 | 802.0 | 801.9 | 801.9 | 801.8 |
| 15° | 786.7 | 788.5 | 790.3 | 791.2 | 791.0 | 790.7 | 790.6 | 790.3 |
| 17.5° | 773.0 | 774.9 | 776.8 | 777.7 | 777.5 | 777.3 | 777.1 | 777.0 |
| 20° | 762.3 | 764.4 | 766.5 | 767.5 | 767.5 | 767.5 | 767.5 | 767.5 |
| 22.5° | 749.9 | 751.9 | 754.0 | 755.2 | 755.5 | 755.8 | 756.1 | 756.5 |
| 25° | 730.7 | 733.0 | 735.2 | 736.4 | 736.6 | 736.8 | 737.0 | 737.3 |
| 27.5° | 709.1 | 711.2 | 713.3 | 714.5 | 714.7 | 715.0 | 715.2 | 715.4 |
| 30° | 694.1 | 696.3 | 698.5 | 699.9 | 700.3 | 700.7 | 701.1 | 701.5 |
| 32.5° | 678.6 | 681.2 | 683.7 | 685.3 | 685.6 | 686.0 | 686.5 | 686.9 |
| 35° | 654.1 | 656.9 | 659.8 | 661.5 | 662.1 | 662.7 | 663.4 | 664.0 |
| 37.5° | 628.5 | 631.5 | 634.3 | 636.1 | 636.7 | 637.4 | 638.0 | 638.7 |
| 40° | 610.5 | 613.6 | 616.6 | 618.5 | 619.4 | 620.2 | 621.0 | 621.8 |
| 42.5° | 592.9 | 596.2 | 599.6 | 601.7 | 602.3 | 603.0 | 603.6 | 604.2 |
| 45° | 565.6 | 569.0 | 572.5 | 574.7 | 575.8 | 576.8 | 577.8 | 578.8 |
| 47.5° | 536.7 | 540.3 | 543.9 | 546.2 | 547.5 | 548.7 | 549.9 | 551.1 |
| 50° | 516.4 | 520.5 | 524.5 | 527.2 | 528.4 | 529.7 | 530.9 | 532.1 |
| 52.5° | 495.9 | 500.0 | 504.0 | 506.7 | 507.9 | 509.1 | 510.3 | 511.6 |
| 55° | 465.1 | 469.2 | 473.3 | 476.0 | 477.2 | 478.4 | 479.6 | 480.8 |
| 57.5° | 432.8 | 437.6 | 442.5 | 445.5 | 446.6 | 447.7 | 448.9 | 450.0 |
| 60° | 410.5 | 415.2 | 419.8 | 423.0 | 424.6 | 426.3 | 427.9 | 429.6 |
| 62.5° | 388.5 | 393.2 | 397.9 | 401.1 | 402.7 | 404.3 | 405.9 | 407.5 |
| 65° | 354.6 | 359.6 | 364.7 | 368.1 | 369.7 | 371.3 | 372.9 | 374.5 |
| 67.5° | 321.2 | 326.3 | 331.5 | 334.8 | 336.5 | 338.0 | 339.7 | 341.2 |
| 70° | 297.6 | 303.2 | 308.7 | 312.1 | 313.5 | 315.0 | 316.3 | 317.8 |
| 72.5° | 275.3 | 280.7 | 286.0 | 289.5 | 291.0 | 292.7 | 294.2 | 295.8 |
| 75° | 241.3 | 246.9 | 252.7 | 256.4 | 258.3 | 260.1 | 261.9 | 263.7 |
| 77.5° | 209.6 | 215.3 | 221.1 | 225.0 | 227.0 | 228.9 | 230.8 | 232.8 |
| 80° | 189.0 | 195.1 | 201.2 | 205.0 | 206.6 | 208.3 | 209.9 | 211.5 |
| 82.5° | 168.8 | 175.0 | 181.3 | 185.4 | 187.1 | 188.9 | 190.7 | 192.5 |
| 85° | 140.4 | 146.5 | 152.7 | 156.7 | 158.8 | 160.7 | 162.8 | 164.9 |
| 87.5° | 120.6 | 126.7 | 132.9 | 136.9 | 138.8 | 140.6 | 142.5 | 144.4 |
| 90° | 123.6 | 130.7 | 137.8 | 142.3 | 144.3 | 146.3 | 148.4 | 150.3 |
| 92.5° | 133.2 | 139.6 | 146.0 | 150.2 | 152.0 | 153.9 | 155.8 | 157.6 |
| 95° | 157.1 | 163.2 | 169.3 | 173.2 | 175.0 | 176.8 | 178.7 | 180.6 |
| 97.5° | 189.3 | 195.4 | 201.4 | 205.3 | 207.0 | 208.8 | 210.5 | 212.2 |
| 100° | 212.8 | 218.7 | 224.6 | 228.3 | 229.7 | 231.1 | 232.6 | 233.9 |
| 102.5° | 238.1 | 243.9 | 249.8 | 253.6 | 255.3 | 257.1 | 258.8 | 260.5 |
| 105° | 276.3 | 282.0 | 287.7 | 291.5 | 293.8 | 295.9 | 298.2 | 300.3 |
| 107.5° | 318.7 | 324.3 | 329.8 | 333.3 | 334.7 | 336.1 | 337.5 | 339.0 |
| 110° | 347.0 | 351.3 | 355.6 | 358.9 | 361.0 | 363.3 | 365.4 | 367.6 |



TEST NUMBER: P332611-935

CATALOG NUMBER: S124DIP-S795D1035U935-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 377.3 | 381.8 | 386.2 | 389.3 | 391.0 | 392.8 | 394.5 | 396.2 |
| 115° | 424.6 | 428.9 | 433.2 | 435.9 | 437.1 | 438.4 | 439.6 | 440.8 |
| 117.5° | 469.4 | 473.0 | 476.6 | 479.0 | 480.3 | 481.5 | 482.8 | 484.0 |
| 120° | 499.9 | 503.0 | 506.1 | 508.7 | 510.7 | 512.7 | 514.7 | 516.7 |
| 122.5° | 531.2 | 534.6 | 538.0 | 540.2 | 541.0 | 541.7 | 542.5 | 543.3 |
| 125° | 577.5 | 580.9 | 584.4 | 586.6 | 587.5 | 588.3 | 589.1 | 590.0 |
| 127.5° | 620.5 | 623.8 | 627.2 | 629.3 | 630.3 | 631.5 | 632.5 | 633.6 |
| 130° | 651.3 | 654.5 | 657.8 | 659.7 | 660.1 | 660.6 | 661.1 | 661.5 |
| 132.5° | 680.4 | 683.5 | 686.6 | 688.5 | 689.5 | 690.4 | 691.3 | 692.2 |
| 135° | 723.0 | 725.9 | 728.8 | 730.5 | 731.2 | 731.8 | 732.5 | 733.1 |
| 137.5° | 765.1 | 767.6 | 770.0 | 771.8 | 772.9 | 774.1 | 775.2 | 776.4 |
| 140° | 793.1 | 795.6 | 798.0 | 799.6 | 800.5 | 801.3 | 802.1 | 803.0 |
| 142.5° | 820.2 | 822.4 | 824.8 | 826.3 | 827.1 | 827.9 | 828.7 | 829.6 |
| 145° | 861.4 | 862.5 | 863.5 | 864.2 | 864.4 | 864.6 | 864.9 | 865.1 |
| 147.5° | 899.1 | 899.1 | 899.1 | 899.4 | 899.8 | 900.3 | 900.8 | 901.2 |
| 150° | 923.9 | 923.9 | 923.9 | 923.8 | 923.6 | 923.3 | 923.2 | 923.0 |
| 152.5° | 947.4 | 947.9 | 948.4 | 948.4 | 947.9 | 947.4 | 946.8 | 946.3 |
| 155° | 980.4 | 981.1 | 981.9 | 981.9 | 981.1 | 980.4 | 979.6 | 978.9 |
| 157.5° | 1009.4 | 1010.0 | 1010.6 | 1010.5 | 1009.9 | 1009.2 | 1008.6 | 1007.9 |
| 160° | 1027.3 | 1027.9 | 1028.4 | 1028.2 | 1027.3 | 1026.3 | 1025.4 | 1024.4 |
| 162.5° | 1043.3 | 1044.3 | 1045.3 | 1045.4 | 1044.5 | 1043.5 | 1042.6 | 1041.6 |
| 165° | 1064.5 | 1065.7 | 1066.8 | 1067.0 | 1066.3 | 1065.5 | 1064.7 | 1063.9 |
| 167.5° | 1082.4 | 1083.6 | 1084.7 | 1084.7 | 1083.5 | 1082.3 | 1081.1 | 1080.0 |
| 170° | 1092.0 | 1093.1 | 1094.3 | 1094.2 | 1092.9 | 1091.5 | 1090.2 | 1088.8 |
| 172.5° | 1099.2 | 1100.4 | 1101.8 | 1101.7 | 1100.4 | 1099.1 | 1097.8 | 1096.4 |
| 175° | 1107.0 | 1108.4 | 1109.7 | 1109.7 | 1108.4 | 1107.0 | 1105.7 | 1104.3 |
| 177.5° | 1111.3 | 1112.3 | 1113.4 | 1113.4 | 1112.2 | 1110.9 | 1109.7 | 1108.5 |
| 180° | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 | 1111.2 |

(END OF REPORT)