

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: P333541

Luminaire Tested: **S125RDIP-S610D1035U835-4F0-1E-UDD-F**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333541
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S610D1035U835-4F0-1E-UDD-F
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER, REGRESSED
HOUSING
UPLIGHT 1035 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6515.5 lumens
Efficiency: N/A
Efficacy: 146.4 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.11 / 1.25
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')
CIE Type: Semi-Indirect

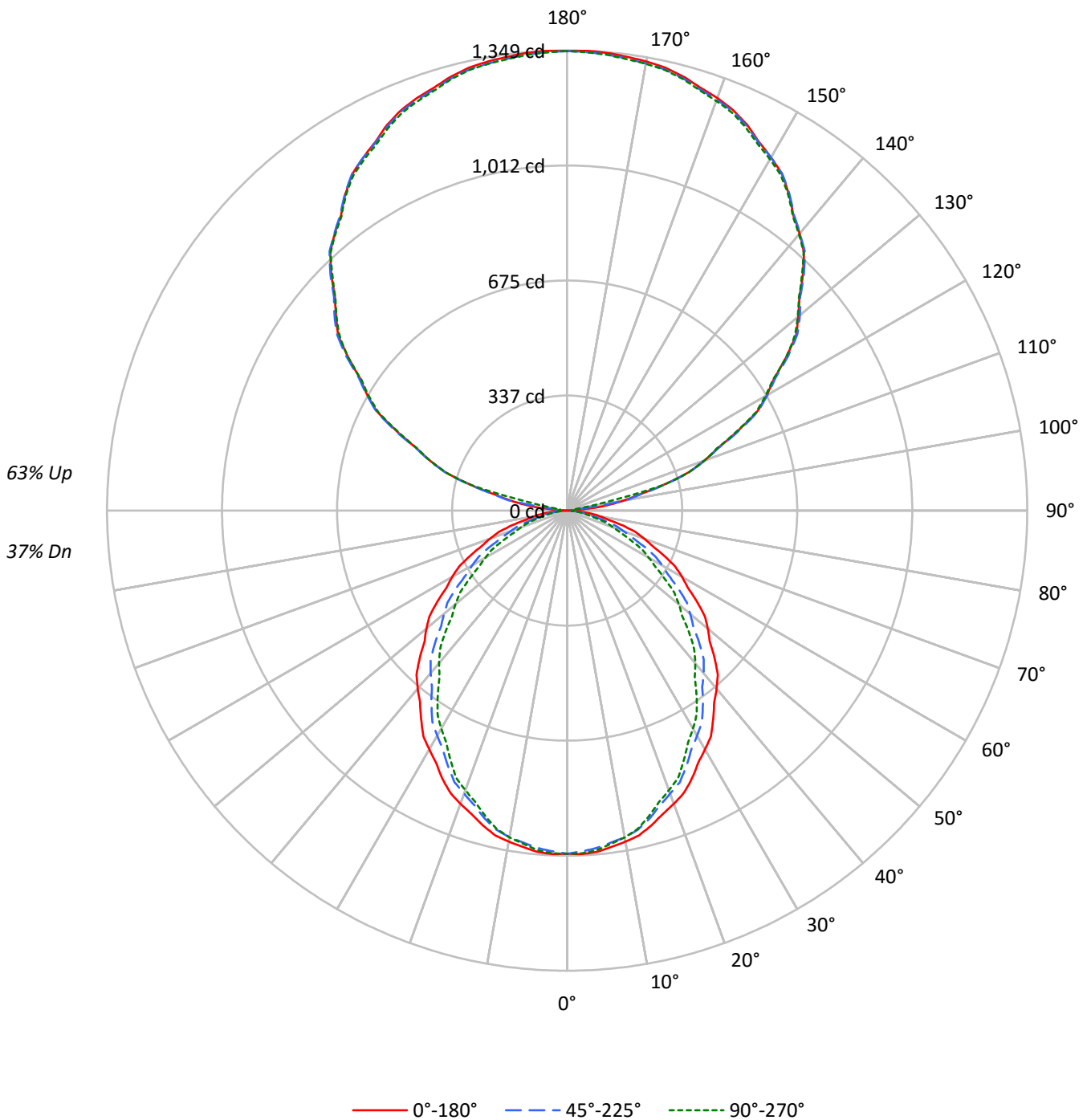
Input Watts (W): 44.5
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

Luminous Intensity Polar Plot





TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

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 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 44 | 44 | 44 | 37 |
| 1 | 95 | 91 | 87 | 84 | 86 | 82 | 79 | 76 | 67 | 64 | 62 | 52 | 51 | 49 | 39 | 38 | 37 | 31 |
| 2 | 87 | 79 | 73 | 69 | 78 | 72 | 67 | 63 | 59 | 55 | 52 | 46 | 44 | 42 | 34 | 33 | 32 | 26 |
| 3 | 79 | 70 | 63 | 57 | 71 | 64 | 58 | 53 | 52 | 47 | 44 | 41 | 38 | 35 | 31 | 29 | 27 | 22 |
| 4 | 72 | 62 | 54 | 48 | 65 | 56 | 50 | 45 | 46 | 41 | 37 | 36 | 33 | 30 | 27 | 25 | 23 | 19 |
| 5 | 66 | 55 | 47 | 41 | 60 | 50 | 43 | 38 | 41 | 36 | 32 | 33 | 29 | 26 | 25 | 22 | 20 | 17 |
| 6 | 61 | 49 | 41 | 36 | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 30 | 26 | 23 | 22 | 20 | 18 | 15 |
| 7 | 56 | 44 | 37 | 31 | 51 | 41 | 34 | 29 | 34 | 28 | 25 | 27 | 23 | 20 | 21 | 18 | 16 | 13 |
| 8 | 52 | 40 | 33 | 28 | 47 | 37 | 30 | 26 | 31 | 25 | 22 | 25 | 21 | 18 | 19 | 16 | 14 | 12 |
| 9 | 49 | 37 | 29 | 25 | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 16 | 17 | 15 | 13 | 11 |
| 10 | 45 | 34 | 27 | 22 | 41 | 31 | 25 | 20 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 14 | 12 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 6497 | 6497 | 6497 |
| 5° | 6512 | 6438 | 6477 |
| 10° | 6462 | 6378 | 6378 |
| 15° | 6386 | 6248 | 6197 |
| 20° | 6287 | 6068 | 5994 |
| 25° | 6173 | 5890 | 5761 |
| 30° | 6029 | 5683 | 5502 |
| 35° | 5882 | 5469 | 5211 |
| 40° | 5746 | 5246 | 4926 |
| 45° | 5580 | 4996 | 4615 |
| 50° | 5413 | 4725 | 4290 |
| 55° | 5219 | 4466 | 3944 |
| 60° | 5025 | 4151 | 3573 |
| 65° | 4795 | 3785 | 3147 |
| 70° | 4534 | 3329 | 2712 |
| 75° | 4172 | 2805 | 2256 |
| 80° | 3675 | 2205 | 1893 |
| 85° | 3097 | 1801 | 1690 |



TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 94.6 | 1.5 |
| 10°-20° | 264.3 | 4.1 |
| 20°-30° | 383.3 | 5.9 |
| 30°-40° | 436.9 | 6.7 |
| 40°-50° | 425.9 | 6.5 |
| 50°-60° | 358.5 | 5.5 |
| 60°-70° | 251.3 | 3.9 |
| 70°-80° | 129.2 | 2.0 |
| 80°-90° | 35.4 | 0.5 |
| 90°-100° | 49.0 | 0.8 |
| 100°-110° | 301.7 | 4.6 |
| 110°-120° | 547.1 | 8.4 |
| 120°-130° | 702.2 | 10.8 |
| 130°-140° | 755.2 | 11.6 |
| 140°-150° | 708.9 | 10.9 |
| 150°-160° | 573.4 | 8.8 |
| 160°-170° | 370.9 | 5.7 |
| 170°-180° | 127.9 | 2.0 |
| 0°-30° | 742.3 | 11.4 |
| 0°-40° | 1179.2 | 18.1 |
| 0°-60° | 1963.5 | 30.1 |
| 0°-90° | 2379.3 | 36.5 |
| 90°-120° | 897.7 | 13.8 |
| 90°-150° | 3064.0 | 47.0 |
| 90°-180° | 4136.0 | 63.5 |
| 0°-180° | 6515.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1006 | 1006 | 1006 | 1006 | 1006 | |
| 5° | 1004 | 1001 | 993 | 1000 | 999 | 95 |
| 15° | 955 | 950 | 934 | 933 | 927 | 269 |
| 25° | 866 | 854 | 827 | 817 | 808 | 398 |
| 35° | 746 | 727 | 694 | 672 | 661 | 467 |
| 45° | 611 | 588 | 547 | 518 | 505 | 471 |
| 55° | 464 | 438 | 397 | 364 | 350 | 414 |
| 65° | 314 | 287 | 248 | 218 | 206 | 311 |
| 75° | 167 | 144 | 112 | 96 | 90 | 177 |
| 85° | 42 | 29 | 24 | 24 | 23 | 47 |
| 90° | 1 | 9 | 16 | 21 | 24 | 4 |
| 95° | 57 | 52 | 16 | 21 | 21 | 73 |
| 105° | 294 | 297 | 298 | 297 | 296 | 311 |
| 115° | 551 | 556 | 557 | 553 | 547 | 546 |
| 125° | 784 | 790 | 791 | 787 | 784 | 700 |
| 135° | 978 | 983 | 982 | 979 | 974 | 753 |
| 145° | 1133 | 1135 | 1135 | 1136 | 1130 | 708 |
| 155° | 1248 | 1243 | 1244 | 1246 | 1239 | 575 |
| 165° | 1317 | 1311 | 1312 | 1317 | 1310 | 372 |
| 175° | 1347 | 1341 | 1342 | 1349 | 1341 | 128 |
| 180° | 1347 | 1347 | 1347 | 1347 | 1347 | |



TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 |
| 2.5° | 1007.8 | 1007.4 | 1007.0 | 1006.6 | 1006.2 | 1005.3 | 1003.9 | 1002.6 | 1001.2 | 999.9 | 1001.2 |
| 5° | 1004.4 | 1003.8 | 1003.1 | 1002.4 | 1001.7 | 1000.5 | 998.6 | 996.8 | 994.9 | 993.0 | 994.7 |
| 7.5° | 994.6 | 993.9 | 993.3 | 992.6 | 992.0 | 990.6 | 988.3 | 986.1 | 983.9 | 981.6 | 982.8 |
| 10° | 985.4 | 984.9 | 984.4 | 983.9 | 983.4 | 982.0 | 979.6 | 977.3 | 974.9 | 972.5 | 973.0 |
| 12.5° | 975.1 | 974.5 | 973.8 | 973.2 | 972.5 | 970.6 | 967.5 | 964.3 | 961.1 | 957.9 | 958.3 |
| 15° | 955.1 | 954.0 | 953.0 | 952.0 | 951.0 | 948.7 | 945.2 | 941.6 | 938.1 | 934.5 | 934.4 |
| 17.5° | 932.4 | 930.9 | 929.3 | 927.8 | 926.2 | 923.2 | 918.7 | 914.3 | 909.8 | 905.4 | 904.5 |
| 20° | 914.8 | 913.1 | 911.4 | 909.7 | 908.0 | 904.5 | 899.1 | 893.7 | 888.3 | 882.9 | 882.0 |
| 22.5° | 895.3 | 893.6 | 892.0 | 890.3 | 888.6 | 884.9 | 879.2 | 873.6 | 867.9 | 862.2 | 860.6 |
| 25° | 866.2 | 863.6 | 861.1 | 858.6 | 856.0 | 851.6 | 845.4 | 839.1 | 832.9 | 826.6 | 824.5 |
| 27.5° | 832.7 | 829.7 | 826.6 | 823.5 | 820.4 | 815.6 | 808.9 | 802.2 | 795.5 | 788.8 | 785.7 |
| 30° | 808.4 | 805.2 | 802.0 | 798.8 | 795.6 | 790.4 | 783.3 | 776.3 | 769.2 | 762.1 | 758.2 |
| 32.5° | 784.7 | 781.0 | 777.2 | 773.5 | 769.7 | 764.2 | 757.0 | 749.8 | 742.5 | 735.3 | 731.0 |
| 35° | 746.1 | 742.1 | 738.0 | 734.0 | 729.9 | 724.1 | 716.5 | 708.9 | 701.3 | 693.7 | 688.8 |
| 37.5° | 708.3 | 703.3 | 698.4 | 693.5 | 688.6 | 682.2 | 674.3 | 666.5 | 658.7 | 650.8 | 645.0 |
| 40° | 681.5 | 676.5 | 671.4 | 666.3 | 661.3 | 654.7 | 646.6 | 638.5 | 630.4 | 622.3 | 615.9 |
| 42.5° | 653.6 | 648.4 | 643.2 | 638.0 | 632.8 | 626.0 | 617.6 | 609.2 | 600.9 | 592.5 | 586.3 |
| 45° | 610.9 | 606.0 | 601.1 | 596.2 | 591.3 | 584.2 | 574.9 | 565.6 | 556.3 | 547.0 | 540.3 |
| 47.5° | 566.7 | 561.5 | 556.3 | 551.2 | 546.0 | 538.7 | 529.4 | 520.0 | 510.7 | 501.3 | 494.4 |
| 50° | 538.7 | 533.1 | 527.5 | 522.0 | 516.4 | 508.8 | 499.2 | 489.6 | 479.9 | 470.3 | 463.2 |
| 52.5° | 508.3 | 502.6 | 496.9 | 491.2 | 485.5 | 478.1 | 469.0 | 459.9 | 450.8 | 441.7 | 434.1 |
| 55° | 463.5 | 458.1 | 452.7 | 447.3 | 441.9 | 434.4 | 425.0 | 415.5 | 406.1 | 396.6 | 389.0 |
| 57.5° | 418.2 | 412.4 | 406.6 | 400.9 | 395.1 | 387.6 | 378.5 | 369.4 | 360.3 | 351.2 | 343.7 |
| 60° | 389.0 | 383.1 | 377.2 | 371.3 | 365.4 | 357.9 | 348.7 | 339.6 | 330.5 | 321.4 | 314.0 |
| 62.5° | 358.0 | 352.4 | 346.7 | 341.1 | 335.5 | 328.0 | 318.8 | 309.5 | 300.3 | 291.0 | 284.1 |
| 65° | 313.8 | 308.1 | 302.3 | 296.6 | 290.8 | 283.5 | 274.5 | 265.6 | 256.6 | 247.7 | 240.9 |
| 67.5° | 269.9 | 264.1 | 258.4 | 252.7 | 246.9 | 239.8 | 231.2 | 222.6 | 214.0 | 205.4 | 199.3 |
| 70° | 240.1 | 234.4 | 228.6 | 222.9 | 217.1 | 210.0 | 201.6 | 193.2 | 184.7 | 176.3 | 171.0 |
| 72.5° | 210.9 | 205.3 | 199.7 | 194.1 | 188.5 | 181.7 | 173.8 | 165.9 | 158.0 | 150.1 | 145.3 |
| 75° | 167.2 | 162.1 | 157.0 | 152.0 | 146.9 | 140.8 | 133.7 | 126.6 | 119.5 | 112.4 | 108.7 |
| 77.5° | 123.7 | 119.6 | 115.6 | 111.5 | 107.5 | 102.6 | 96.9 | 91.3 | 85.6 | 79.9 | 77.3 |
| 80° | 98.8 | 94.7 | 90.7 | 86.6 | 82.6 | 78.2 | 73.4 | 68.7 | 64.0 | 59.3 | 57.7 |
| 82.5° | 74.5 | 70.8 | 67.2 | 63.5 | 59.9 | 56.4 | 53.2 | 49.9 | 46.7 | 43.5 | 42.8 |
| 85° | 41.8 | 38.7 | 35.7 | 32.7 | 29.6 | 27.7 | 26.8 | 26.0 | 25.2 | 24.3 | 24.1 |
| 87.5° | 14.2 | 13.6 | 13.0 | 12.4 | 11.8 | 11.6 | 11.8 | 12.0 | 12.1 | 12.3 | 12.5 |
| 90° | 1.0 | 2.8 | 4.5 | 6.3 | 8.1 | 9.8 | 11.3 | 12.9 | 14.4 | 16.0 | 17.1 |
| 92.5° | 15.4 | 14.1 | 12.9 | 11.6 | 10.4 | 10.5 | 11.8 | 13.2 | 14.6 | 16.0 | 17.1 |
| 95° | 56.9 | 56.2 | 55.6 | 54.9 | 54.3 | 49.7 | 41.3 | 32.8 | 24.4 | 16.0 | 17.1 |
| 97.5° | 118.8 | 120.0 | 121.2 | 122.4 | 123.6 | 115.9 | 99.2 | 82.5 | 65.8 | 49.1 | 42.9 |
| 100° | 166.7 | 167.4 | 168.1 | 168.7 | 169.4 | 170.2 | 171.1 | 172.0 | 172.8 | 173.7 | 140.7 |
| 102.5° | 215.5 | 216.3 | 217.2 | 218.0 | 218.8 | 219.5 | 220.1 | 220.6 | 221.1 | 221.7 | 215.4 |
| 105° | 293.5 | 294.4 | 295.3 | 296.2 | 297.1 | 297.5 | 297.5 | 297.5 | 297.5 | 297.5 | 297.5 |
| 107.5° | 374.6 | 374.6 | 374.6 | 374.6 | 374.6 | 374.8 | 375.3 | 375.7 | 376.2 | 376.6 | 376.7 |
| 110° | 427.3 | 427.3 | 427.3 | 427.3 | 427.3 | 427.6 | 428.0 | 428.5 | 428.9 | 429.3 | 428.7 |



TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 476.9 | 477.4 | 477.9 | 478.5 | 479.0 | 479.4 | 479.7 | 479.9 | 480.2 | 480.5 | 479.6 |
| 115° | 551.2 | 552.3 | 553.4 | 554.5 | 555.6 | 556.3 | 556.5 | 556.7 | 556.9 | 557.1 | 556.3 |
| 117.5° | 628.0 | 628.0 | 627.9 | 627.9 | 627.9 | 628.3 | 629.1 | 629.9 | 630.8 | 631.6 | 630.5 |
| 120° | 676.0 | 675.7 | 675.5 | 675.3 | 675.1 | 675.3 | 676.0 | 676.6 | 677.3 | 678.0 | 677.5 |
| 122.5° | 718.3 | 719.1 | 720.0 | 720.8 | 721.7 | 722.2 | 722.6 | 722.9 | 723.2 | 723.5 | 723.0 |
| 125° | 783.8 | 785.3 | 786.9 | 788.5 | 790.0 | 790.8 | 790.8 | 790.8 | 790.8 | 790.8 | 789.9 |
| 127.5° | 846.3 | 847.4 | 848.5 | 849.6 | 850.7 | 851.2 | 851.1 | 851.0 | 850.8 | 850.7 | 850.2 |
| 130° | 884.6 | 885.8 | 886.9 | 888.0 | 889.1 | 889.7 | 890.0 | 890.2 | 890.4 | 890.6 | 890.0 |
| 132.5° | 923.0 | 924.3 | 925.6 | 926.8 | 928.1 | 928.5 | 928.0 | 927.6 | 927.1 | 926.6 | 926.4 |
| 135° | 977.5 | 978.8 | 980.2 | 981.5 | 982.8 | 983.3 | 982.8 | 982.4 | 981.9 | 981.5 | 981.0 |
| 137.5° | 1027.6 | 1028.8 | 1029.9 | 1031.1 | 1032.2 | 1032.6 | 1032.2 | 1031.8 | 1031.4 | 1031.0 | 1031.1 |
| 140° | 1060.4 | 1060.8 | 1061.3 | 1061.7 | 1062.1 | 1062.3 | 1062.0 | 1061.8 | 1061.6 | 1061.4 | 1061.8 |
| 142.5° | 1089.9 | 1090.2 | 1090.5 | 1090.7 | 1091.0 | 1091.3 | 1091.6 | 1091.9 | 1092.2 | 1092.5 | 1092.6 |
| 145° | 1133.3 | 1133.7 | 1134.1 | 1134.6 | 1135.0 | 1135.3 | 1135.3 | 1135.3 | 1135.3 | 1135.3 | 1135.5 |
| 147.5° | 1171.2 | 1171.1 | 1171.0 | 1170.9 | 1170.8 | 1170.9 | 1171.2 | 1171.5 | 1171.7 | 1172.0 | 1172.3 |
| 150° | 1195.2 | 1194.7 | 1194.3 | 1193.8 | 1193.4 | 1193.4 | 1193.8 | 1194.3 | 1194.7 | 1195.2 | 1195.6 |
| 152.5° | 1218.3 | 1217.4 | 1216.4 | 1215.4 | 1214.4 | 1214.2 | 1214.6 | 1215.0 | 1215.5 | 1215.9 | 1216.4 |
| 155° | 1248.1 | 1246.8 | 1245.4 | 1244.1 | 1242.8 | 1242.3 | 1242.8 | 1243.2 | 1243.6 | 1244.1 | 1244.8 |
| 157.5° | 1271.0 | 1270.2 | 1269.5 | 1268.7 | 1267.9 | 1267.5 | 1267.5 | 1267.6 | 1267.6 | 1267.7 | 1268.4 |
| 160° | 1287.0 | 1285.7 | 1284.4 | 1283.0 | 1281.7 | 1281.1 | 1281.4 | 1281.6 | 1281.8 | 1282.0 | 1282.9 |
| 162.5° | 1299.8 | 1298.5 | 1297.1 | 1295.8 | 1294.5 | 1293.9 | 1294.1 | 1294.4 | 1294.6 | 1294.8 | 1296.1 |
| 165° | 1317.0 | 1315.6 | 1314.3 | 1313.0 | 1311.7 | 1311.1 | 1311.3 | 1311.5 | 1311.8 | 1312.0 | 1313.3 |
| 167.5° | 1329.8 | 1328.4 | 1327.0 | 1325.6 | 1324.3 | 1323.7 | 1323.9 | 1324.1 | 1324.3 | 1324.6 | 1326.2 |
| 170° | 1336.9 | 1335.4 | 1333.8 | 1332.3 | 1330.7 | 1330.1 | 1330.3 | 1330.5 | 1330.7 | 1331.0 | 1332.7 |
| 172.5° | 1341.7 | 1340.2 | 1338.6 | 1337.1 | 1335.5 | 1335.0 | 1335.3 | 1335.7 | 1336.1 | 1336.5 | 1338.1 |
| 175° | 1346.9 | 1345.6 | 1344.3 | 1342.9 | 1341.6 | 1341.1 | 1341.3 | 1341.5 | 1341.7 | 1341.9 | 1343.7 |
| 177.5° | 1349.3 | 1348.3 | 1347.2 | 1346.1 | 1345.1 | 1344.6 | 1344.8 | 1345.0 | 1345.2 | 1345.3 | 1346.6 |
| 180° | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 |



TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 | 1006.0 |
| 2.5° | 1002.6 | 1003.9 | 1005.3 | 1005.9 | 1005.8 | 1005.6 | 1005.5 | 1005.4 |
| 5° | 996.4 | 998.1 | 999.8 | 1000.5 | 1000.1 | 999.8 | 999.5 | 999.1 |
| 7.5° | 984.0 | 985.2 | 986.4 | 986.8 | 986.4 | 986.0 | 985.7 | 985.3 |
| 10° | 973.5 | 974.0 | 974.6 | 974.6 | 974.0 | 973.5 | 973.0 | 972.5 |
| 12.5° | 958.7 | 959.1 | 959.4 | 959.2 | 958.4 | 957.7 | 956.9 | 956.1 |
| 15° | 934.2 | 934.0 | 933.9 | 933.0 | 931.5 | 930.0 | 928.5 | 926.9 |
| 17.5° | 903.7 | 902.8 | 902.0 | 900.9 | 899.7 | 898.4 | 897.2 | 895.9 |
| 20° | 881.2 | 880.3 | 879.5 | 878.3 | 876.8 | 875.3 | 873.8 | 872.2 |
| 22.5° | 858.9 | 857.2 | 855.6 | 854.1 | 852.9 | 851.6 | 850.4 | 849.1 |
| 25° | 822.3 | 820.1 | 817.9 | 815.8 | 814.0 | 812.1 | 810.3 | 808.4 |
| 27.5° | 782.7 | 779.6 | 776.5 | 774.1 | 772.3 | 770.5 | 768.7 | 766.9 |
| 30° | 754.3 | 750.4 | 746.5 | 743.8 | 742.3 | 740.8 | 739.3 | 737.8 |
| 32.5° | 726.7 | 722.5 | 718.2 | 715.1 | 713.1 | 711.2 | 709.3 | 707.4 |
| 35° | 683.9 | 679.0 | 674.1 | 670.5 | 668.1 | 665.7 | 663.4 | 661.0 |
| 37.5° | 639.1 | 633.2 | 627.3 | 623.2 | 620.9 | 618.7 | 616.4 | 614.1 |
| 40° | 609.4 | 603.0 | 596.6 | 592.4 | 590.4 | 588.3 | 586.3 | 584.3 |
| 42.5° | 580.2 | 574.0 | 567.9 | 563.3 | 560.4 | 557.4 | 554.4 | 551.5 |
| 45° | 533.5 | 526.8 | 520.0 | 515.4 | 512.9 | 510.3 | 507.8 | 505.3 |
| 47.5° | 487.4 | 480.4 | 473.5 | 468.6 | 465.8 | 463.0 | 460.2 | 457.4 |
| 50° | 456.1 | 449.0 | 441.9 | 437.1 | 434.6 | 432.1 | 429.5 | 427.0 |
| 52.5° | 426.5 | 418.8 | 411.2 | 406.1 | 403.6 | 401.1 | 398.5 | 396.0 |
| 55° | 381.4 | 373.8 | 366.2 | 361.1 | 358.4 | 355.7 | 353.0 | 350.3 |
| 57.5° | 336.3 | 328.9 | 321.5 | 316.5 | 314.1 | 311.7 | 309.4 | 307.0 |
| 60° | 306.5 | 299.1 | 291.7 | 286.7 | 284.2 | 281.6 | 279.1 | 276.6 |
| 62.5° | 277.2 | 270.3 | 263.4 | 258.7 | 256.2 | 253.7 | 251.1 | 248.6 |
| 65° | 234.2 | 227.4 | 220.7 | 216.0 | 213.5 | 211.0 | 208.4 | 205.9 |
| 67.5° | 193.1 | 186.9 | 180.7 | 176.6 | 174.6 | 172.6 | 170.5 | 168.5 |
| 70° | 165.8 | 160.6 | 155.3 | 151.7 | 149.7 | 147.7 | 145.6 | 143.6 |
| 72.5° | 140.5 | 135.6 | 130.8 | 127.7 | 126.4 | 125.0 | 123.7 | 122.3 |
| 75° | 105.0 | 101.3 | 97.6 | 95.1 | 94.0 | 92.8 | 91.6 | 90.4 |
| 77.5° | 74.7 | 72.1 | 69.5 | 67.8 | 66.9 | 66.0 | 65.2 | 64.3 |
| 80° | 56.2 | 54.7 | 53.2 | 52.3 | 51.9 | 51.6 | 51.2 | 50.9 |
| 82.5° | 42.0 | 41.3 | 40.6 | 40.2 | 40.0 | 39.8 | 39.6 | 39.4 |
| 85° | 24.0 | 23.8 | 23.6 | 23.5 | 23.3 | 23.1 | 23.0 | 22.8 |
| 87.5° | 12.8 | 13.0 | 13.2 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 |
| 90° | 18.2 | 19.3 | 20.4 | 21.3 | 22.0 | 22.6 | 23.3 | 24.0 |
| 92.5° | 18.2 | 19.3 | 20.4 | 21.1 | 21.4 | 21.7 | 22.1 | 22.4 |
| 95° | 18.2 | 19.3 | 20.4 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| 97.5° | 36.6 | 30.4 | 24.1 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| 100° | 107.6 | 74.6 | 41.5 | 24.5 | 23.6 | 22.7 | 21.9 | 21.0 |
| 102.5° | 209.1 | 202.9 | 196.6 | 186.0 | 170.9 | 155.8 | 140.7 | 125.6 |
| 105° | 297.5 | 297.5 | 297.5 | 297.4 | 297.2 | 297.0 | 296.8 | 296.5 |
| 107.5° | 376.7 | 376.8 | 376.8 | 376.5 | 375.8 | 375.2 | 374.5 | 373.8 |
| 110° | 428.0 | 427.3 | 426.7 | 426.5 | 426.7 | 426.9 | 427.1 | 427.3 |



TEST NUMBER: P333541

CATALOG NUMBER: S125RDIP-S610D1035U835-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 478.8 | 477.9 | 477.1 | 476.5 | 476.2 | 475.9 | 475.6 | 475.3 |
| 115° | 555.4 | 554.5 | 553.6 | 552.5 | 551.2 | 549.8 | 548.5 | 547.2 |
| 117.5° | 629.3 | 628.2 | 627.0 | 626.1 | 625.6 | 625.0 | 624.4 | 623.8 |
| 120° | 677.1 | 676.6 | 676.2 | 675.4 | 674.3 | 673.2 | 672.1 | 671.0 |
| 122.5° | 722.6 | 722.2 | 721.7 | 720.8 | 719.6 | 718.3 | 717.0 | 715.7 |
| 125° | 789.0 | 788.1 | 787.2 | 786.5 | 785.8 | 785.1 | 784.5 | 783.8 |
| 127.5° | 849.7 | 849.2 | 848.7 | 847.7 | 846.0 | 844.4 | 842.8 | 841.1 |
| 130° | 889.3 | 888.6 | 888.0 | 887.1 | 886.0 | 884.9 | 883.8 | 882.6 |
| 132.5° | 926.3 | 926.2 | 926.0 | 925.4 | 924.3 | 923.2 | 922.1 | 921.0 |
| 135° | 980.6 | 980.2 | 979.7 | 978.8 | 977.5 | 976.2 | 974.8 | 973.5 |
| 137.5° | 1031.2 | 1031.3 | 1031.4 | 1030.8 | 1029.7 | 1028.5 | 1027.4 | 1026.2 |
| 140° | 1062.3 | 1062.7 | 1063.1 | 1062.7 | 1061.4 | 1060.0 | 1058.7 | 1057.4 |
| 142.5° | 1092.7 | 1092.8 | 1092.9 | 1092.3 | 1090.9 | 1089.6 | 1088.3 | 1086.9 |
| 145° | 1135.7 | 1135.9 | 1136.1 | 1135.6 | 1134.3 | 1132.9 | 1131.6 | 1130.3 |
| 147.5° | 1172.5 | 1172.8 | 1173.1 | 1172.4 | 1170.8 | 1169.2 | 1167.6 | 1166.0 |
| 150° | 1196.1 | 1196.5 | 1196.9 | 1196.3 | 1194.5 | 1192.7 | 1190.9 | 1189.2 |
| 152.5° | 1216.8 | 1217.3 | 1217.7 | 1217.1 | 1215.5 | 1213.9 | 1212.3 | 1210.7 |
| 155° | 1245.4 | 1246.1 | 1246.8 | 1246.2 | 1244.4 | 1242.6 | 1240.9 | 1239.1 |
| 157.5° | 1269.1 | 1269.8 | 1270.5 | 1270.0 | 1268.2 | 1266.4 | 1264.6 | 1262.9 |
| 160° | 1283.8 | 1284.7 | 1285.6 | 1285.1 | 1283.4 | 1281.6 | 1279.8 | 1278.0 |
| 162.5° | 1297.3 | 1298.5 | 1299.8 | 1299.4 | 1297.5 | 1295.5 | 1293.6 | 1291.6 |
| 165° | 1314.6 | 1316.0 | 1317.3 | 1317.1 | 1315.3 | 1313.5 | 1311.8 | 1310.0 |
| 167.5° | 1327.8 | 1329.4 | 1331.0 | 1330.8 | 1328.8 | 1326.8 | 1324.8 | 1322.8 |
| 170° | 1334.5 | 1336.3 | 1338.1 | 1337.9 | 1335.9 | 1334.0 | 1332.0 | 1330.0 |
| 172.5° | 1339.7 | 1341.3 | 1342.9 | 1342.7 | 1340.7 | 1338.7 | 1336.7 | 1334.8 |
| 175° | 1345.5 | 1347.3 | 1349.0 | 1348.9 | 1346.9 | 1344.9 | 1342.9 | 1340.9 |
| 177.5° | 1347.8 | 1349.1 | 1350.3 | 1350.2 | 1348.8 | 1347.4 | 1346.0 | 1344.5 |
| 180° | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 |

(END OF REPORT)