

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: P333666

Luminaire Tested: **S125RDIW-S610D770U835-4F0-1E-UDD-F**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333666  
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: S125RDIW-S610D770U835-4F0-1E-UDD-F  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 610 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER, REGRESSED  
HOUSING  
UPLIGHT 770 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5448.1 lumens  
Efficiency: N/A  
Efficacy: 144.9 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: General Diffuse

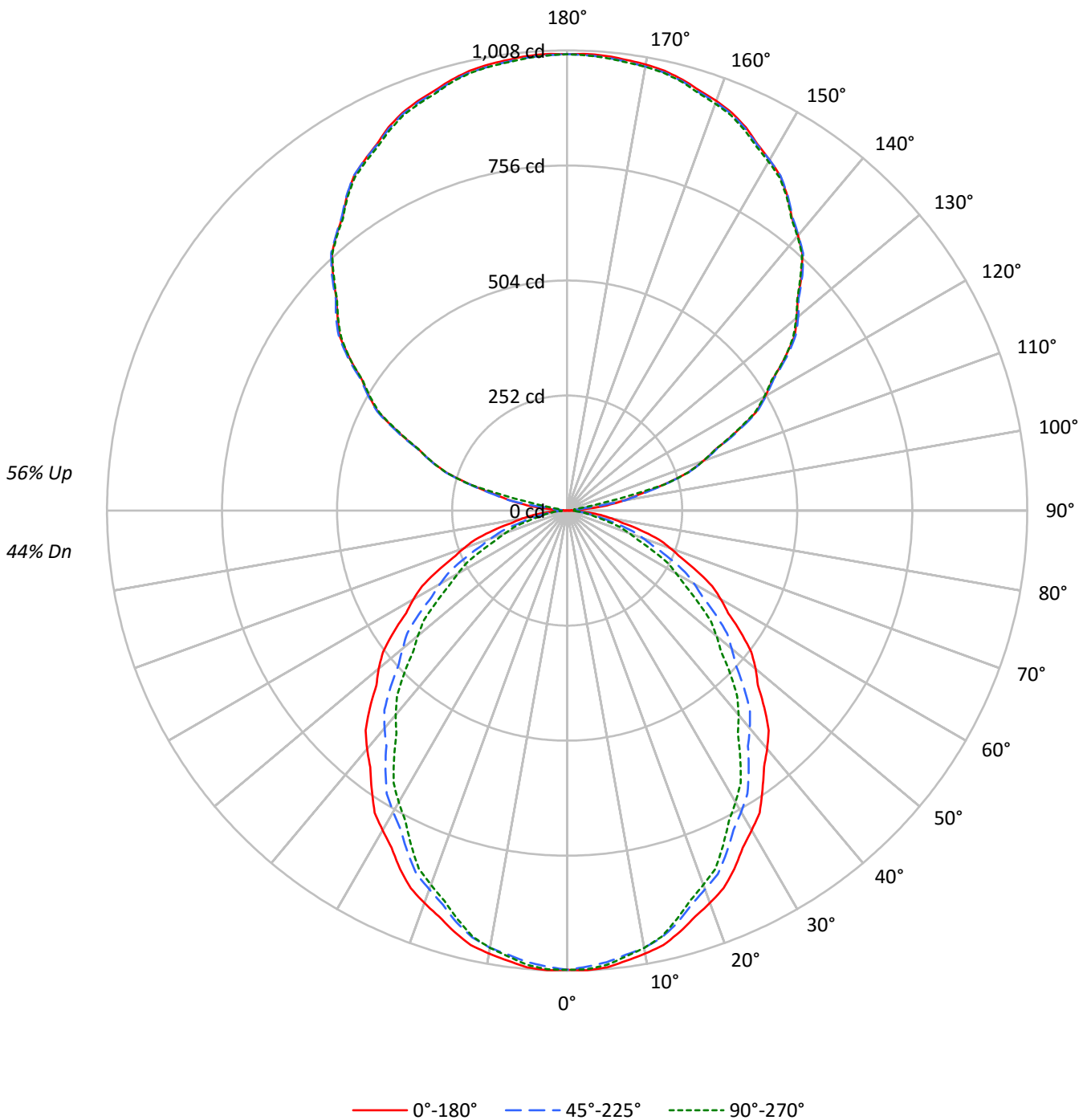
Input Watts (W): 37.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333666

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 64 | 64 | 64 | 50 | 50 | 50 | 44 |
| 1   | 97  | 92  | 89  | 85  | 88 | 85 | 81 | 79 | 70 | 68 | 66 | 57 | 55 | 54 | 45 | 44 | 43 | 37 |
| 2   | 88  | 81  | 75  | 70  | 80 | 74 | 69 | 65 | 62 | 58 | 55 | 50 | 48 | 45 | 40 | 38 | 36 | 31 |
| 3   | 80  | 71  | 64  | 58  | 73 | 65 | 59 | 54 | 55 | 50 | 46 | 45 | 41 | 39 | 35 | 33 | 31 | 27 |
| 4   | 74  | 63  | 55  | 49  | 67 | 58 | 51 | 46 | 49 | 44 | 40 | 40 | 36 | 33 | 32 | 29 | 27 | 23 |
| 5   | 68  | 56  | 48  | 42  | 62 | 52 | 45 | 40 | 43 | 38 | 34 | 36 | 32 | 29 | 29 | 26 | 24 | 20 |
| 6   | 62  | 50  | 42  | 37  | 57 | 47 | 40 | 34 | 39 | 34 | 30 | 32 | 28 | 25 | 26 | 23 | 21 | 18 |
| 7   | 58  | 46  | 38  | 32  | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 8   | 53  | 41  | 34  | 29  | 49 | 38 | 31 | 27 | 32 | 27 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 14 |
| 9   | 50  | 38  | 30  | 25  | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 |
| 10  | 46  | 35  | 27  | 23  | 43 | 32 | 26 | 21 | 27 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 |

**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 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 94.6   | 1.7       |
| 10°-20°   | 264.3  | 4.9       |
| 20°-30°   | 383.3  | 7.0       |
| 30°-40°   | 436.9  | 8.0       |
| 40°-50°   | 425.9  | 7.8       |
| 50°-60°   | 358.5  | 6.6       |
| 60°-70°   | 251.3  | 4.6       |
| 70°-80°   | 129.2  | 2.4       |
| 80°-90°   | 34.7   | 0.6       |
| 90°-100°  | 36.3   | 0.7       |
| 100°-110° | 223.9  | 4.1       |
| 110°-120° | 406.0  | 7.5       |
| 120°-130° | 521.1  | 9.6       |
| 130°-140° | 560.5  | 10.3      |
| 140°-150° | 526.1  | 9.7       |
| 150°-160° | 425.5  | 7.8       |
| 160°-170° | 275.2  | 5.1       |
| 170°-180° | 94.9   | 1.7       |
| 0°-30°    | 742.3  | 13.6      |
| 0°-40°    | 1179.2 | 21.6      |
| 0°-60°    | 1963.5 | 36.0      |
| 0°-90°    | 2378.6 | 43.7      |
| 90°-120°  | 666.2  | 12.2      |
| 90°-150°  | 2273.8 | 41.7      |
| 90°-180°  | 3069.0 | 56.3      |
| 0°-180°   | 5448.1 | 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    | 7     | 12   | 15    | 18   | 4    |
| 95°  | 42   | 39    | 12   | 15    | 16   | 54   |
| 105° | 218  | 221   | 221  | 221   | 220  | 231  |
| 115° | 409  | 413   | 414  | 410   | 406  | 405  |
| 125° | 582  | 587   | 587  | 584   | 582  | 519  |
| 135° | 725  | 730   | 728  | 727   | 722  | 559  |
| 145° | 841  | 842   | 842  | 843   | 839  | 526  |
| 155° | 926  | 922   | 923  | 925   | 920  | 427  |
| 165° | 977  | 973   | 974  | 978   | 972  | 276  |
| 175° | 1000 | 995   | 996  | 1001  | 995  | 95   |
| 180° | 1000 | 1000  | 1000 | 1000  | 1000 |      |



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**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°  | 14.1   | 13.4   | 12.8   | 12.1   | 11.4   | 11.1   | 11.2   | 11.3   | 11.4   | 11.5   | 11.7   |
| 90°    | 0.7    | 2.1    | 3.4    | 4.7    | 6.0    | 7.2    | 8.4    | 9.6    | 10.7   | 11.9   | 12.7   |
| 92.5°  | 11.4   | 10.5   | 9.6    | 8.6    | 7.7    | 7.8    | 8.8    | 9.8    | 10.8   | 11.9   | 12.7   |
| 95°    | 42.2   | 41.7   | 41.2   | 40.8   | 40.3   | 36.9   | 30.6   | 24.4   | 18.1   | 11.9   | 12.7   |
| 97.5°  | 88.2   | 89.1   | 90.0   | 90.8   | 91.7   | 86.0   | 73.6   | 61.2   | 48.8   | 36.5   | 31.8   |
| 100°   | 123.7  | 124.2  | 124.7  | 125.2  | 125.7  | 126.3  | 127.0  | 127.6  | 128.3  | 128.9  | 104.4  |
| 102.5° | 159.9  | 160.5  | 161.2  | 161.8  | 162.4  | 162.9  | 163.3  | 163.7  | 164.1  | 164.5  | 159.9  |
| 105°   | 217.8  | 218.5  | 219.2  | 219.8  | 220.5  | 220.8  | 220.8  | 220.8  | 220.8  | 220.8  | 220.8  |
| 107.5° | 278.0  | 278.0  | 278.0  | 278.0  | 278.0  | 278.2  | 278.5  | 278.8  | 279.2  | 279.5  | 279.5  |
| 110°   | 317.1  | 317.1  | 317.1  | 317.1  | 317.1  | 317.3  | 317.6  | 318.0  | 318.3  | 318.6  | 318.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 353.9  | 354.3  | 354.7 | 355.1 | 355.5 | 355.8 | 356.0 | 356.2 | 356.4 | 356.6 | 355.9 |
| 115°   | 409.0  | 409.8  | 410.7 | 411.5 | 412.3 | 412.8 | 413.0 | 413.1 | 413.3 | 413.5 | 412.8 |
| 117.5° | 466.1  | 466.0  | 466.0 | 466.0 | 465.9 | 466.2 | 466.9 | 467.5 | 468.1 | 468.7 | 467.9 |
| 120°   | 501.6  | 501.5  | 501.3 | 501.1 | 501.0 | 501.1 | 501.6 | 502.1 | 502.6 | 503.1 | 502.8 |
| 122.5° | 533.0  | 533.7  | 534.3 | 534.9 | 535.6 | 536.0 | 536.2 | 536.4 | 536.7 | 536.9 | 536.6 |
| 125°   | 581.7  | 582.8  | 584.0 | 585.1 | 586.3 | 586.8 | 586.8 | 586.8 | 586.8 | 586.8 | 586.2 |
| 127.5° | 628.0  | 628.9  | 629.7 | 630.5 | 631.3 | 631.7 | 631.6 | 631.5 | 631.4 | 631.3 | 630.9 |
| 130°   | 656.5  | 657.3  | 658.1 | 659.0 | 659.8 | 660.3 | 660.4 | 660.6 | 660.8 | 660.9 | 660.4 |
| 132.5° | 684.9  | 685.9  | 686.9 | 687.8 | 688.8 | 689.1 | 688.7 | 688.3 | 688.0 | 687.6 | 687.5 |
| 135°   | 725.4  | 726.4  | 727.4 | 728.4 | 729.4 | 729.7 | 729.4 | 729.0 | 728.7 | 728.4 | 728.0 |
| 137.5° | 762.6  | 763.5  | 764.3 | 765.2 | 766.0 | 766.3 | 766.0 | 765.7 | 765.4 | 765.1 | 765.2 |
| 140°   | 786.9  | 787.2  | 787.6 | 787.9 | 788.2 | 788.3 | 788.1 | 788.0 | 787.8 | 787.6 | 788.0 |
| 142.5° | 808.8  | 809.0  | 809.2 | 809.4 | 809.6 | 809.8 | 810.1 | 810.3 | 810.5 | 810.8 | 810.8 |
| 145°   | 841.0  | 841.3  | 841.7 | 842.0 | 842.3 | 842.5 | 842.5 | 842.5 | 842.5 | 842.5 | 842.6 |
| 147.5° | 869.2  | 869.1  | 869.0 | 869.0 | 868.9 | 869.0 | 869.2 | 869.3 | 869.5 | 869.7 | 869.9 |
| 150°   | 886.9  | 886.6  | 886.3 | 885.9 | 885.6 | 885.6 | 885.9 | 886.3 | 886.6 | 886.9 | 887.3 |
| 152.5° | 904.1  | 903.4  | 902.7 | 902.0 | 901.2 | 901.0 | 901.4 | 901.7 | 902.0 | 902.3 | 902.7 |
| 155°   | 926.2  | 925.2  | 924.2 | 923.2 | 922.3 | 921.9 | 922.3 | 922.6 | 922.9 | 923.2 | 923.7 |
| 157.5° | 943.2  | 942.7  | 942.1 | 941.5 | 940.9 | 940.6 | 940.6 | 940.7 | 940.7 | 940.7 | 941.3 |
| 160°   | 955.1  | 954.1  | 953.1 | 952.1 | 951.2 | 950.7 | 950.9 | 951.1 | 951.2 | 951.4 | 952.1 |
| 162.5° | 964.6  | 963.6  | 962.6 | 961.6 | 960.6 | 960.2 | 960.4 | 960.6 | 960.7 | 960.9 | 961.8 |
| 165°   | 977.3  | 976.3  | 975.4 | 974.4 | 973.4 | 973.0 | 973.1 | 973.3 | 973.5 | 973.6 | 974.6 |
| 167.5° | 986.8  | 985.8  | 984.8 | 983.8 | 982.7 | 982.3 | 982.5 | 982.6 | 982.8 | 983.0 | 984.1 |
| 170°   | 992.2  | 991.0  | 989.8 | 988.7 | 987.5 | 987.0 | 987.2 | 987.4 | 987.5 | 987.7 | 989.0 |
| 172.5° | 995.7  | 994.6  | 993.4 | 992.2 | 991.1 | 990.7 | 991.0 | 991.3 | 991.6 | 991.9 | 993.0 |
| 175°   | 999.6  | 998.6  | 997.6 | 996.6 | 995.6 | 995.2 | 995.4 | 995.5 | 995.7 | 995.9 | 997.2 |
| 177.5° | 1001.3 | 1000.5 | 999.8 | 999.0 | 998.2 | 997.8 | 998.0 | 998.1 | 998.2 | 998.4 | 999.3 |
| 180°   | 999.6  | 999.6  | 999.6 | 999.6 | 999.6 | 999.6 | 999.6 | 999.6 | 999.6 | 999.6 | 999.6 |



TEST NUMBER: P333666

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**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°  | 11.8   | 12.0   | 12.1   | 12.2   | 12.2   | 12.1   | 12.1   | 12.1   |
| 90°    | 13.5   | 14.3   | 15.1   | 15.8   | 16.3   | 16.8   | 17.3   | 17.8   |
| 92.5°  | 13.5   | 14.3   | 15.1   | 15.7   | 15.9   | 16.1   | 16.4   | 16.6   |
| 95°    | 13.5   | 14.3   | 15.1   | 15.6   | 15.6   | 15.6   | 15.6   | 15.6   |
| 97.5°  | 27.2   | 22.5   | 17.9   | 15.6   | 15.6   | 15.6   | 15.6   | 15.6   |
| 100°   | 79.9   | 55.3   | 30.8   | 18.2   | 17.5   | 16.9   | 16.2   | 15.6   |
| 102.5° | 155.2  | 150.6  | 145.9  | 138.0  | 126.8  | 115.6  | 104.4  | 93.2   |
| 105°   | 220.8  | 220.8  | 220.8  | 220.7  | 220.6  | 220.4  | 220.2  | 220.1  |
| 107.5° | 279.6  | 279.6  | 279.6  | 279.4  | 278.9  | 278.4  | 277.9  | 277.4  |
| 110°   | 317.6  | 317.1  | 316.6  | 316.5  | 316.6  | 316.8  | 317.0  | 317.1  |





TEST NUMBER: P333666

CATALOG NUMBER: S125RDIW-S610D770U835-4F0-1E-UDD-F

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°   | 85°   | 90°   |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 355.3  | 354.7  | 354.0  | 353.6  | 353.4  | 353.2 | 352.9 | 352.7 |
| 115°   | 412.1  | 411.5  | 410.8  | 410.0  | 409.0  | 408.0 | 407.0 | 406.0 |
| 117.5° | 467.0  | 466.2  | 465.3  | 464.7  | 464.2  | 463.8 | 463.4 | 463.0 |
| 120°   | 502.5  | 502.1  | 501.8  | 501.2  | 500.4  | 499.6 | 498.8 | 497.9 |
| 122.5° | 536.2  | 535.9  | 535.6  | 534.9  | 534.0  | 533.0 | 532.1 | 531.1 |
| 125°   | 585.5  | 584.9  | 584.2  | 583.6  | 583.1  | 582.6 | 582.2 | 581.7 |
| 127.5° | 630.6  | 630.2  | 629.9  | 629.1  | 627.8  | 626.6 | 625.4 | 624.2 |
| 130°   | 660.0  | 659.5  | 659.0  | 658.3  | 657.5  | 656.7 | 655.8 | 655.0 |
| 132.5° | 687.4  | 687.3  | 687.2  | 686.8  | 685.9  | 685.1 | 684.3 | 683.5 |
| 135°   | 727.7  | 727.4  | 727.1  | 726.4  | 725.4  | 724.4 | 723.4 | 722.4 |
| 137.5° | 765.3  | 765.3  | 765.4  | 765.0  | 764.1  | 763.3 | 762.4 | 761.6 |
| 140°   | 788.3  | 788.6  | 789.0  | 788.6  | 787.6  | 786.7 | 785.7 | 784.7 |
| 142.5° | 810.9  | 811.0  | 811.0  | 810.6  | 809.6  | 808.6 | 807.6 | 806.6 |
| 145°   | 842.8  | 843.0  | 843.1  | 842.7  | 841.7  | 840.7 | 839.8 | 838.8 |
| 147.5° | 870.1  | 870.3  | 870.5  | 870.0  | 868.9  | 867.7 | 866.5 | 865.3 |
| 150°   | 887.6  | 887.9  | 888.3  | 887.8  | 886.4  | 885.1 | 883.8 | 882.5 |
| 152.5° | 903.0  | 903.3  | 903.7  | 903.2  | 902.0  | 900.9 | 899.7 | 898.5 |
| 155°   | 924.2  | 924.7  | 925.2  | 924.8  | 923.5  | 922.2 | 920.9 | 919.5 |
| 157.5° | 941.8  | 942.3  | 942.8  | 942.4  | 941.1  | 939.8 | 938.5 | 937.2 |
| 160°   | 952.7  | 953.4  | 954.0  | 953.7  | 952.4  | 951.1 | 949.8 | 948.4 |
| 162.5° | 962.7  | 963.6  | 964.6  | 964.3  | 962.9  | 961.4 | 960.0 | 958.5 |
| 165°   | 975.6  | 976.6  | 977.6  | 977.4  | 976.1  | 974.8 | 973.5 | 972.1 |
| 167.5° | 985.3  | 986.5  | 987.7  | 987.6  | 986.1  | 984.6 | 983.1 | 981.6 |
| 170°   | 990.3  | 991.7  | 993.0  | 992.9  | 991.4  | 989.9 | 988.4 | 987.0 |
| 172.5° | 994.2  | 995.4  | 996.6  | 996.4  | 995.0  | 993.5 | 992.0 | 990.5 |
| 175°   | 998.5  | 999.8  | 1001.1 | 1001.0 | 999.6  | 998.1 | 996.6 | 995.1 |
| 177.5° | 1000.2 | 1001.1 | 1002.1 | 1002.0 | 1000.9 | 999.9 | 998.8 | 997.8 |
| 180°   | 999.6  | 999.6  | 999.6  | 999.6  | 999.6  | 999.6 | 999.6 | 999.6 |

(END OF REPORT)