

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: P333480-935

Luminaire Tested: **S125DIW-S1270D1340U935-4F0-1E-UDD-D**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333480-935  
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: S125DIW-S1270D1340U935-4F0-1E-UDD-D  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER  
UPLIGHT 1340 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8862.2 lumens  
Efficiency: N/A  
Efficacy: 116.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.21 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.08')  
CIE Type: General Diffuse

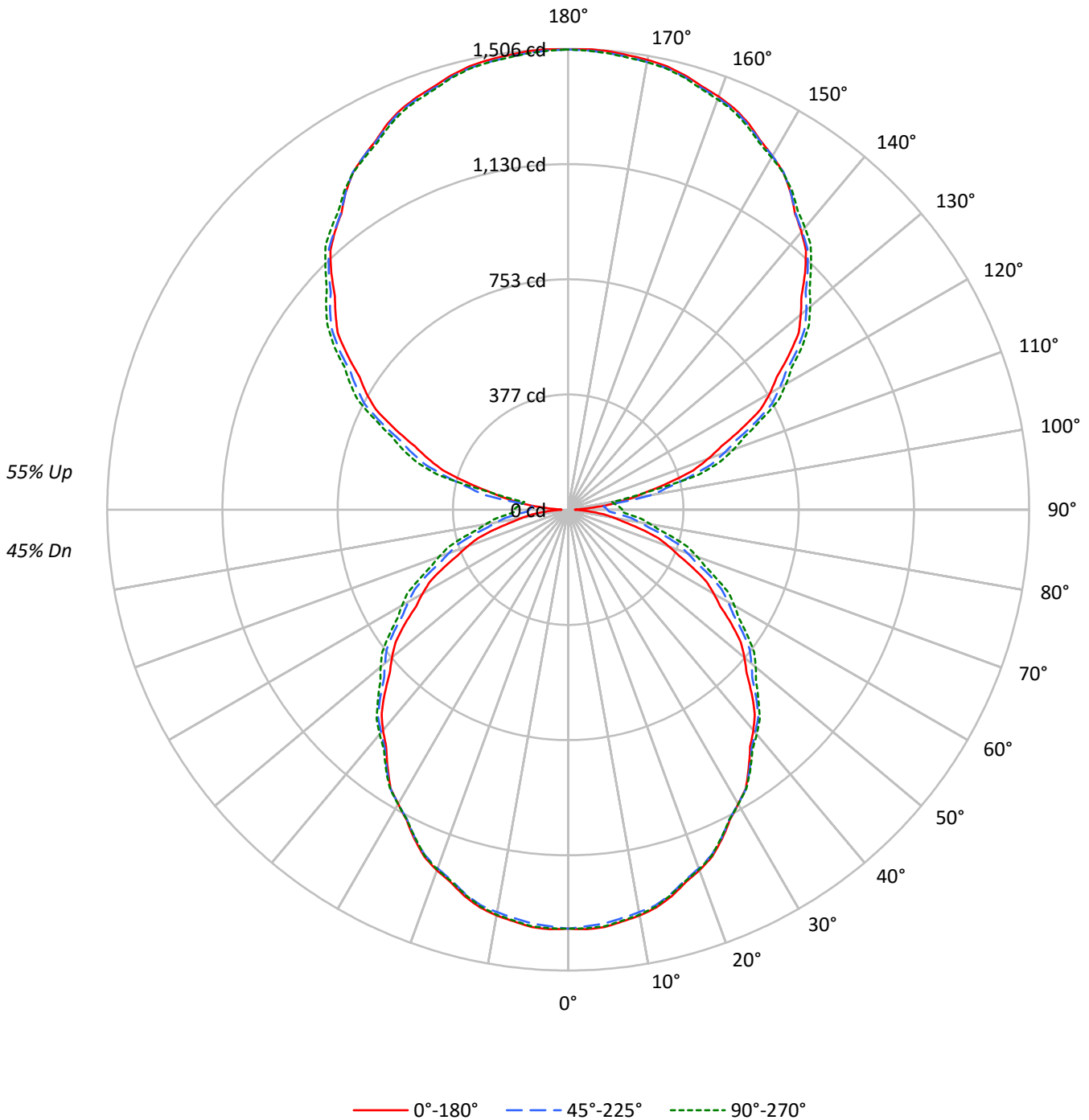
Input Watts (W): 76.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P333480-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D

**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 | 81 | 81 | 81 | 65 | 65 | 65 | 52 | 52 | 52 | 45 |
| 1   | 96  | 91  | 87  | 84  | 88 | 84 | 80 | 77 | 70 | 67 | 65 | 56 | 55 | 53 | 44 | 43 | 42 | 36 |
| 2   | 87  | 79  | 73  | 68  | 79 | 73 | 67 | 63 | 61 | 57 | 53 | 49 | 46 | 44 | 39 | 37 | 35 | 30 |
| 3   | 79  | 70  | 62  | 56  | 72 | 64 | 57 | 52 | 53 | 48 | 44 | 43 | 40 | 37 | 34 | 32 | 29 | 25 |
| 4   | 72  | 61  | 53  | 47  | 66 | 56 | 49 | 44 | 47 | 42 | 37 | 38 | 34 | 31 | 30 | 28 | 25 | 21 |
| 5   | 66  | 55  | 46  | 40  | 60 | 50 | 43 | 38 | 42 | 36 | 32 | 34 | 30 | 27 | 27 | 24 | 22 | 18 |
| 6   | 61  | 49  | 41  | 35  | 56 | 45 | 38 | 32 | 38 | 32 | 28 | 31 | 27 | 23 | 25 | 22 | 19 | 16 |
| 7   | 56  | 44  | 36  | 30  | 51 | 41 | 33 | 28 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 | 14 |
| 8   | 52  | 40  | 32  | 27  | 48 | 37 | 30 | 25 | 31 | 26 | 22 | 26 | 21 | 18 | 21 | 17 | 15 | 13 |
| 9   | 49  | 36  | 29  | 24  | 44 | 34 | 27 | 22 | 28 | 23 | 19 | 24 | 19 | 16 | 19 | 16 | 14 | 11 |
| 10  | 45  | 33  | 26  | 21  | 42 | 31 | 24 | 20 | 26 | 21 | 17 | 22 | 18 | 15 | 18 | 15 | 12 | 10 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 8843 | 8843 | 8843 |
| 5°  | 8860 | 8680 | 8707 |
| 10° | 8797 | 8525 | 8512 |
| 15° | 8694 | 8339 | 8263 |
| 20° | 8552 | 8110 | 8015 |
| 25° | 8384 | 7865 | 7709 |
| 30° | 8181 | 7595 | 7431 |
| 35° | 7991 | 7346 | 7176 |
| 40° | 7797 | 7085 | 6920 |
| 45° | 7579 | 6861 | 6693 |
| 50° | 7370 | 6618 | 6491 |
| 55° | 7119 | 6390 | 6255 |
| 60° | 6846 | 6128 | 6014 |
| 65° | 6558 | 5855 | 5742 |
| 70° | 6233 | 5481 | 5463 |
| 75° | 5719 | 5122 | 5121 |
| 80° | 5046 | 4687 | 4749 |
| 85° | 4423 | 4393 | 4630 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 129.5  | 1.5       |
| 10°-20°   | 367.5  | 4.1       |
| 20°-30°   | 546.6  | 6.2       |
| 30°-40°   | 647.5  | 7.3       |
| 40°-50°   | 669.4  | 7.6       |
| 50°-60°   | 616.7  | 7.0       |
| 60°-70°   | 498.5  | 5.6       |
| 70°-80°   | 333.8  | 3.8       |
| 80°-90°   | 176.3  | 2.0       |
| 90°-100°  | 151.8  | 1.7       |
| 100°-110° | 408.4  | 4.6       |
| 110°-120° | 658.8  | 7.4       |
| 120°-130° | 811.2  | 9.2       |
| 130°-140° | 855.1  | 9.6       |
| 140°-150° | 793.9  | 9.0       |
| 150°-160° | 640.2  | 7.2       |
| 160°-170° | 414.1  | 4.7       |
| 170°-180° | 142.8  | 1.6       |
| 0°-30°    | 1043.6 | 11.8      |
| 0°-40°    | 1691.1 | 19.1      |
| 0°-60°    | 2977.2 | 33.6      |
| 0°-90°    | 3985.8 | 45.0      |
| 90°-120°  | 1219.1 | 13.8      |
| 90°-150°  | 3679.3 | 41.5      |
| 90°-180°  | 4876.0 | 55.0      |
| 0°-180°   | 8862.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1369 | 1369  | 1369 | 1369  | 1369 |      |
| 5°   | 1369 | 1366  | 1357 | 1367  | 1367 | 130  |
| 15°  | 1308 | 1308  | 1299 | 1307  | 1302 | 368  |
| 25°  | 1188 | 1191  | 1184 | 1189  | 1183 | 547  |
| 35°  | 1028 | 1037  | 1034 | 1037  | 1038 | 643  |
| 45°  | 847  | 861   | 868  | 877   | 879  | 653  |
| 55°  | 651  | 672   | 694  | 708   | 714  | 582  |
| 65°  | 448  | 479   | 511  | 531   | 537  | 445  |
| 75°  | 247  | 282   | 325  | 351   | 358  | 262  |
| 85°  | 74   | 118   | 165  | 194   | 205  | 79   |
| 90°  | 23   | 75    | 128  | 163   | 177  | 17   |
| 95°  | 81   | 111   | 116  | 150   | 160  | 95   |
| 105° | 340  | 367   | 406  | 432   | 441  | 360  |
| 115° | 624  | 640   | 674  | 693   | 695  | 618  |
| 125° | 880  | 888   | 914  | 930   | 934  | 786  |
| 135° | 1094 | 1100  | 1107 | 1121  | 1122 | 843  |
| 145° | 1267 | 1267  | 1268 | 1275  | 1274 | 791  |
| 155° | 1393 | 1387  | 1389 | 1392  | 1384 | 642  |
| 165° | 1470 | 1464  | 1465 | 1471  | 1463 | 415  |
| 175° | 1504 | 1498  | 1498 | 1506  | 1497 | 143  |
| 180° | 1504 | 1504  | 1504 | 1504  | 1504 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 |
| 2.5°   | 1372.4 | 1372.0 | 1371.5 | 1371.1 | 1370.5 | 1369.5 | 1367.8 | 1366.1 | 1364.5 | 1362.8 | 1364.5 |
| 5°     | 1369.2 | 1368.6 | 1368.0 | 1367.4 | 1366.8 | 1365.5 | 1363.4 | 1361.3 | 1359.3 | 1357.2 | 1359.5 |
| 7.5°   | 1357.2 | 1356.9 | 1356.7 | 1356.4 | 1356.2 | 1355.0 | 1352.9 | 1350.7 | 1348.6 | 1346.4 | 1348.5 |
| 10°    | 1346.4 | 1346.4 | 1346.4 | 1346.4 | 1346.4 | 1345.2 | 1342.8 | 1340.5 | 1338.1 | 1335.7 | 1337.7 |
| 12.5°  | 1331.4 | 1331.6 | 1331.9 | 1332.1 | 1332.3 | 1331.5 | 1329.6 | 1327.7 | 1325.8 | 1323.9 | 1325.5 |
| 15°    | 1307.5 | 1307.8 | 1308.1 | 1308.4 | 1308.7 | 1307.8 | 1305.7 | 1303.6 | 1301.6 | 1299.4 | 1301.2 |
| 17.5°  | 1276.3 | 1276.9 | 1277.6 | 1278.2 | 1278.8 | 1278.0 | 1275.9 | 1273.8 | 1271.7 | 1269.6 | 1271.0 |
| 20°    | 1253.8 | 1254.4 | 1255.0 | 1255.6 | 1256.2 | 1255.4 | 1253.4 | 1251.3 | 1249.1 | 1247.1 | 1248.0 |
| 22.5°  | 1228.0 | 1229.1 | 1230.2 | 1231.2 | 1232.3 | 1231.7 | 1229.3 | 1227.0 | 1224.7 | 1222.4 | 1223.5 |
| 25°    | 1188.0 | 1189.0 | 1189.8 | 1190.7 | 1191.6 | 1191.2 | 1189.4 | 1187.6 | 1185.8 | 1184.0 | 1185.2 |
| 27.5°  | 1143.5 | 1144.8 | 1146.1 | 1147.4 | 1148.7 | 1148.3 | 1146.3 | 1144.3 | 1142.3 | 1140.2 | 1141.1 |
| 30°    | 1110.2 | 1112.0 | 1113.7 | 1115.5 | 1117.3 | 1117.3 | 1115.5 | 1113.7 | 1112.0 | 1110.2 | 1110.8 |
| 32.5°  | 1080.1 | 1081.7 | 1083.2 | 1084.8 | 1086.3 | 1086.4 | 1085.1 | 1083.8 | 1082.4 | 1081.2 | 1081.8 |
| 35°    | 1028.3 | 1030.4 | 1032.4 | 1034.6 | 1036.6 | 1037.2 | 1036.3 | 1035.4 | 1034.6 | 1033.6 | 1034.6 |
| 37.5°  | 976.5  | 978.4  | 980.2  | 982.2  | 984.1  | 984.9  | 984.6  | 984.3  | 984.0  | 983.7  | 984.9  |
| 40°    | 941.0  | 943.4  | 945.8  | 948.2  | 950.5  | 951.6  | 951.3  | 951.0  | 950.7  | 950.5  | 951.6  |
| 42.5°  | 902.3  | 905.4  | 908.5  | 911.6  | 914.8  | 916.6  | 917.3  | 918.0  | 918.6  | 919.3  | 920.7  |
| 45°    | 847.1  | 850.3  | 853.6  | 856.9  | 860.1  | 862.5  | 864.1  | 865.6  | 867.0  | 868.5  | 870.6  |
| 47.5°  | 790.4  | 793.4  | 796.5  | 799.5  | 802.5  | 805.4  | 808.0  | 810.5  | 813.0  | 815.6  | 818.7  |
| 50°    | 751.7  | 755.0  | 758.3  | 761.6  | 764.9  | 768.2  | 771.5  | 774.7  | 778.0  | 781.3  | 784.5  |
| 52.5°  | 710.9  | 715.0  | 718.9  | 722.9  | 726.9  | 730.9  | 734.9  | 738.9  | 742.9  | 746.9  | 750.4  |
| 55°    | 651.1  | 655.8  | 660.6  | 665.4  | 670.1  | 674.9  | 679.7  | 684.5  | 689.2  | 694.1  | 697.3  |
| 57.5°  | 589.9  | 595.6  | 601.3  | 607.0  | 612.8  | 618.4  | 623.9  | 629.3  | 634.8  | 640.3  | 644.1  |
| 60°    | 549.1  | 555.0  | 560.9  | 567.0  | 572.9  | 578.9  | 584.9  | 590.8  | 596.8  | 602.7  | 607.2  |
| 62.5°  | 509.3  | 515.3  | 521.2  | 527.2  | 533.1  | 539.4  | 545.8  | 552.2  | 558.7  | 565.2  | 570.1  |
| 65°    | 448.3  | 455.2  | 462.1  | 469.0  | 475.8  | 482.8  | 490.0  | 497.1  | 504.3  | 511.4  | 515.9  |
| 67.5°  | 390.9  | 397.5  | 404.2  | 410.8  | 417.4  | 424.4  | 431.6  | 438.9  | 446.2  | 453.5  | 458.9  |
| 70°    | 349.0  | 355.9  | 362.7  | 369.6  | 376.4  | 383.7  | 391.5  | 399.3  | 407.1  | 414.8  | 420.5  |
| 72.5°  | 308.2  | 315.3  | 322.4  | 329.5  | 336.7  | 344.4  | 352.8  | 361.4  | 369.8  | 378.3  | 384.4  |
| 75°    | 247.0  | 254.8  | 262.5  | 270.3  | 278.0  | 286.7  | 296.2  | 305.7  | 315.3  | 324.9  | 330.8  |
| 77.5°  | 188.2  | 197.2  | 206.1  | 215.1  | 224.0  | 233.1  | 242.3  | 251.4  | 260.6  | 269.8  | 276.4  |
| 80°    | 151.7  | 160.7  | 169.6  | 178.6  | 187.5  | 197.0  | 207.2  | 217.3  | 227.5  | 237.6  | 244.2  |
| 82.5°  | 118.4  | 127.9  | 137.2  | 146.7  | 156.1  | 166.0  | 176.4  | 186.8  | 197.2  | 207.5  | 213.9  |
| 85°    | 73.9   | 83.7   | 93.5   | 103.4  | 113.2  | 123.4  | 133.8  | 144.2  | 154.6  | 165.1  | 171.7  |
| 87.5°  | 42.1   | 52.1   | 62.0   | 71.9   | 81.9   | 92.1   | 102.5  | 113.0  | 123.6  | 134.1  | 141.1  |
| 90°    | 22.6   | 34.1   | 45.6   | 57.2   | 68.7   | 80.4   | 92.3   | 104.2  | 116.1  | 127.9  | 136.0  |
| 92.5°  | 36.5   | 43.9   | 51.4   | 58.8   | 66.3   | 75.9   | 87.9   | 99.8   | 111.7  | 123.6  | 131.5  |
| 95°    | 81.0   | 88.0   | 95.1   | 102.0  | 109.0  | 112.9  | 113.7  | 114.3  | 115.1  | 115.8  | 123.6  |
| 97.5°  | 148.5  | 156.8  | 165.1  | 173.5  | 181.8  | 181.5  | 172.6  | 163.8  | 155.0  | 146.1  | 145.4  |
| 100°   | 201.0  | 207.9  | 215.0  | 222.0  | 228.9  | 237.7  | 248.3  | 258.8  | 269.3  | 279.9  | 249.3  |
| 102.5° | 254.3  | 261.0  | 267.7  | 274.5  | 281.2  | 289.5  | 299.4  | 309.3  | 319.2  | 329.1  | 328.1  |
| 105°   | 339.8  | 345.6  | 351.4  | 357.1  | 362.9  | 370.2  | 379.2  | 388.1  | 397.1  | 406.0  | 412.0  |
| 107.5° | 428.7  | 432.8  | 436.9  | 440.9  | 445.0  | 451.5  | 460.6  | 469.7  | 478.8  | 487.8  | 493.9  |
| 110°   | 486.6  | 490.1  | 493.7  | 497.2  | 500.8  | 507.0  | 515.9  | 524.8  | 533.6  | 542.4  | 547.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 541.8  | 545.3  | 548.7  | 552.2  | 555.7  | 561.5  | 570.0  | 578.4  | 586.9  | 595.2  | 599.7  |
| 115°   | 623.5  | 626.7  | 630.1  | 633.4  | 636.7  | 642.4  | 650.4  | 658.4  | 666.4  | 674.4  | 678.8  |
| 117.5° | 707.9  | 709.2  | 710.6  | 711.9  | 713.2  | 718.0  | 726.3  | 734.5  | 742.9  | 751.1  | 754.9  |
| 120°   | 761.4  | 762.1  | 762.7  | 763.4  | 764.0  | 768.1  | 775.8  | 783.3  | 790.9  | 798.6  | 803.1  |
| 122.5° | 807.6  | 809.0  | 810.3  | 811.7  | 813.0  | 817.2  | 824.1  | 831.1  | 838.1  | 845.1  | 849.5  |
| 125°   | 880.5  | 881.9  | 883.3  | 884.8  | 886.2  | 889.9  | 895.9  | 901.8  | 907.8  | 913.8  | 917.6  |
| 127.5° | 948.9  | 949.9  | 950.8  | 951.7  | 952.7  | 955.5  | 960.3  | 965.0  | 969.7  | 974.5  | 978.4  |
| 130°   | 991.7  | 992.6  | 993.6  | 994.5  | 995.5  | 998.2  | 1002.5 | 1007.0 | 1011.4 | 1015.9 | 1019.3 |
| 132.5° | 1033.5 | 1034.8 | 1036.2 | 1037.6 | 1039.0 | 1040.9 | 1043.7 | 1046.4 | 1049.0 | 1051.7 | 1055.8 |
| 135°   | 1094.1 | 1095.3 | 1096.4 | 1097.6 | 1098.8 | 1100.2 | 1101.8 | 1103.4 | 1105.0 | 1106.6 | 1109.9 |
| 137.5° | 1149.8 | 1150.8 | 1151.8 | 1152.9 | 1153.9 | 1154.8 | 1155.3 | 1155.9 | 1156.5 | 1157.0 | 1160.6 |
| 140°   | 1185.3 | 1185.8 | 1186.2 | 1186.7 | 1187.2 | 1187.5 | 1187.6 | 1187.6 | 1187.7 | 1187.7 | 1191.5 |
| 142.5° | 1218.2 | 1218.3 | 1218.3 | 1218.4 | 1218.5 | 1218.7 | 1219.1 | 1219.5 | 1220.0 | 1220.3 | 1223.2 |
| 145°   | 1266.6 | 1266.8 | 1267.0 | 1267.2 | 1267.4 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1269.2 |
| 147.5° | 1307.6 | 1307.5 | 1307.4 | 1307.3 | 1307.3 | 1307.3 | 1307.6 | 1307.9 | 1308.2 | 1308.5 | 1309.3 |
| 150°   | 1334.4 | 1333.9 | 1333.4 | 1332.9 | 1332.4 | 1332.4 | 1332.9 | 1333.4 | 1333.9 | 1334.4 | 1334.9 |
| 152.5° | 1360.2 | 1359.2 | 1358.1 | 1357.0 | 1355.9 | 1355.6 | 1356.1 | 1356.6 | 1357.1 | 1357.5 | 1358.1 |
| 155°   | 1393.4 | 1392.0 | 1390.5 | 1389.1 | 1387.5 | 1387.1 | 1387.5 | 1388.0 | 1388.5 | 1389.1 | 1389.7 |
| 157.5° | 1419.1 | 1418.2 | 1417.3 | 1416.4 | 1415.6 | 1415.1 | 1415.1 | 1415.2 | 1415.3 | 1415.3 | 1416.1 |
| 160°   | 1436.9 | 1435.5 | 1434.0 | 1432.4 | 1431.0 | 1430.4 | 1430.6 | 1430.9 | 1431.2 | 1431.4 | 1432.4 |
| 162.5° | 1451.2 | 1449.8 | 1448.2 | 1446.7 | 1445.3 | 1444.7 | 1444.9 | 1445.2 | 1445.4 | 1445.6 | 1447.0 |
| 165°   | 1470.4 | 1468.9 | 1467.4 | 1465.9 | 1464.5 | 1463.8 | 1464.0 | 1464.3 | 1464.6 | 1464.8 | 1466.3 |
| 167.5° | 1484.6 | 1483.2 | 1481.6 | 1480.1 | 1478.5 | 1477.9 | 1478.1 | 1478.3 | 1478.6 | 1478.9 | 1480.7 |
| 170°   | 1492.7 | 1491.0 | 1489.2 | 1487.5 | 1485.7 | 1485.0 | 1485.2 | 1485.5 | 1485.7 | 1486.0 | 1488.0 |
| 172.5° | 1498.1 | 1496.3 | 1494.6 | 1492.8 | 1491.1 | 1490.5 | 1490.9 | 1491.3 | 1491.8 | 1492.2 | 1494.0 |
| 175°   | 1503.8 | 1502.4 | 1500.9 | 1499.3 | 1497.9 | 1497.3 | 1497.5 | 1497.8 | 1498.1 | 1498.2 | 1500.2 |
| 177.5° | 1506.5 | 1505.3 | 1504.2 | 1503.0 | 1501.8 | 1501.2 | 1501.5 | 1501.7 | 1501.8 | 1502.0 | 1503.5 |
| 180°   | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 |



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CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 | 1369.2 |
| 2.5°   | 1366.1 | 1367.8 | 1369.5 | 1370.2 | 1369.9 | 1369.8 | 1369.5 | 1369.2 |
| 5°     | 1361.9 | 1364.3 | 1366.8 | 1367.8 | 1367.4 | 1367.2 | 1366.8 | 1366.6 |
| 7.5°   | 1350.6 | 1352.7 | 1354.8 | 1355.6 | 1355.4 | 1355.0 | 1354.8 | 1354.4 |
| 10°    | 1339.9 | 1342.0 | 1344.0 | 1345.0 | 1344.6 | 1344.4 | 1344.0 | 1343.8 |
| 12.5°  | 1327.1 | 1328.7 | 1330.3 | 1330.8 | 1330.0 | 1329.2 | 1328.4 | 1327.7 |
| 15°    | 1303.0 | 1304.8 | 1306.6 | 1306.9 | 1305.7 | 1304.5 | 1303.3 | 1302.1 |
| 17.5°  | 1272.4 | 1273.8 | 1275.1 | 1275.5 | 1274.7 | 1274.0 | 1273.3 | 1272.6 |
| 20°    | 1248.9 | 1249.7 | 1250.7 | 1251.1 | 1251.1 | 1251.1 | 1251.1 | 1251.1 |
| 22.5°  | 1224.7 | 1225.8 | 1226.9 | 1227.1 | 1226.4 | 1225.7 | 1224.9 | 1224.3 |
| 25°    | 1186.4 | 1187.6 | 1188.8 | 1188.6 | 1187.1 | 1185.6 | 1184.1 | 1182.7 |
| 27.5°  | 1141.9 | 1142.7 | 1143.6 | 1143.8 | 1143.1 | 1142.6 | 1142.1 | 1141.6 |
| 30°    | 1111.4 | 1112.0 | 1112.6 | 1112.7 | 1112.4 | 1112.1 | 1111.8 | 1111.5 |
| 32.5°  | 1082.4 | 1083.0 | 1083.6 | 1083.7 | 1083.4 | 1083.1 | 1082.8 | 1082.5 |
| 35°    | 1035.4 | 1036.3 | 1037.2 | 1037.7 | 1037.7 | 1037.7 | 1037.7 | 1037.7 |
| 37.5°  | 986.1  | 987.3  | 988.5  | 989.0  | 988.9  | 988.8  | 988.7  | 988.5  |
| 40°    | 952.8  | 954.0  | 955.2  | 956.1  | 956.7  | 957.3  | 957.9  | 958.5  |
| 42.5°  | 922.1  | 923.6  | 925.0  | 925.7  | 925.9  | 926.0  | 926.2  | 926.3  |
| 45°    | 872.7  | 874.8  | 876.8  | 878.0  | 878.4  | 878.7  | 879.0  | 879.3  |
| 47.5°  | 821.7  | 824.8  | 827.9  | 829.7  | 830.3  | 831.0  | 831.6  | 832.3  |
| 50°    | 787.8  | 791.1  | 794.4  | 796.5  | 797.4  | 798.3  | 799.2  | 800.0  |
| 52.5°  | 754.0  | 757.5  | 761.0  | 763.1  | 763.7  | 764.4  | 765.1  | 765.7  |
| 55°    | 700.6  | 703.9  | 707.1  | 709.4  | 710.6  | 711.8  | 713.0  | 714.2  |
| 57.5°  | 647.8  | 651.6  | 655.4  | 657.7  | 658.6  | 659.4  | 660.4  | 661.2  |
| 60°    | 611.7  | 616.1  | 620.6  | 623.3  | 624.2  | 625.1  | 626.0  | 626.9  |
| 62.5°  | 575.1  | 580.0  | 585.0  | 588.0  | 589.1  | 590.3  | 591.4  | 592.5  |
| 65°    | 520.4  | 524.9  | 529.3  | 532.2  | 533.4  | 534.6  | 535.8  | 536.9  |
| 67.5°  | 464.3  | 469.8  | 475.2  | 478.6  | 480.2  | 481.7  | 483.4  | 484.9  |
| 70°    | 426.1  | 431.8  | 437.5  | 441.2  | 443.0  | 444.8  | 446.6  | 448.3  |
| 72.5°  | 390.5  | 396.7  | 402.9  | 406.6  | 407.9  | 409.2  | 410.5  | 411.8  |
| 75°    | 336.8  | 342.8  | 348.7  | 352.5  | 354.0  | 355.4  | 357.0  | 358.4  |
| 77.5°  | 282.9  | 289.5  | 296.1  | 300.0  | 301.2  | 302.3  | 303.5  | 304.7  |
| 80°    | 250.7  | 257.3  | 263.9  | 267.8  | 268.9  | 270.1  | 271.3  | 272.5  |
| 82.5°  | 220.2  | 226.5  | 232.8  | 237.0  | 239.2  | 241.3  | 243.5  | 245.6  |
| 85°    | 178.2  | 184.8  | 191.4  | 195.9  | 198.2  | 200.6  | 203.0  | 205.3  |
| 87.5°  | 148.3  | 155.4  | 162.5  | 167.1  | 169.4  | 171.6  | 173.8  | 176.1  |
| 90°    | 144.1  | 152.2  | 160.3  | 165.7  | 168.6  | 171.4  | 174.3  | 177.1  |
| 92.5°  | 139.3  | 147.2  | 155.1  | 160.2  | 162.6  | 165.1  | 167.6  | 170.0  |
| 95°    | 131.5  | 139.2  | 147.1  | 152.0  | 154.0  | 156.2  | 158.3  | 160.3  |
| 97.5°  | 144.6  | 144.0  | 143.3  | 143.9  | 145.9  | 147.9  | 150.0  | 152.1  |
| 100°   | 218.6  | 188.0  | 157.3  | 142.4  | 143.2  | 144.0  | 144.7  | 145.6  |
| 102.5° | 327.2  | 326.2  | 325.3  | 317.3  | 302.2  | 287.1  | 272.1  | 257.0  |
| 105°   | 417.9  | 424.0  | 429.9  | 433.8  | 435.7  | 437.5  | 439.3  | 441.2  |
| 107.5° | 499.8  | 505.8  | 511.7  | 515.2  | 516.3  | 517.5  | 518.6  | 519.7  |
| 110°   | 552.3  | 557.2  | 562.1  | 565.8  | 568.1  | 570.4  | 572.8  | 575.1  |





TEST NUMBER: P333480-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 604.2  | 608.7  | 613.2  | 616.3  | 618.0  | 619.7  | 621.6  | 623.3  |
| 115°   | 683.1  | 687.5  | 691.9  | 694.2  | 694.6  | 694.8  | 695.2  | 695.4  |
| 117.5° | 758.7  | 762.5  | 766.3  | 768.9  | 770.3  | 771.6  | 773.0  | 774.4  |
| 120°   | 807.7  | 812.3  | 816.8  | 819.4  | 819.9  | 820.5  | 821.0  | 821.7  |
| 122.5° | 853.8  | 858.1  | 862.5  | 864.8  | 865.1  | 865.5  | 865.8  | 866.2  |
| 125°   | 921.4  | 925.1  | 928.9  | 931.2  | 931.9  | 932.6  | 933.4  | 934.2  |
| 127.5° | 982.2  | 986.1  | 990.0  | 991.9  | 991.8  | 991.6  | 991.5  | 991.4  |
| 130°   | 1022.7 | 1026.1 | 1029.6 | 1031.4 | 1031.7 | 1031.9 | 1032.2 | 1032.4 |
| 132.5° | 1059.7 | 1063.8 | 1067.8 | 1069.8 | 1069.9 | 1069.9 | 1069.9 | 1069.9 |
| 135°   | 1113.4 | 1116.7 | 1120.1 | 1121.8 | 1121.8 | 1121.8 | 1121.8 | 1121.8 |
| 137.5° | 1164.2 | 1167.9 | 1171.5 | 1173.3 | 1173.2 | 1173.1 | 1172.9 | 1172.9 |
| 140°   | 1195.2 | 1199.0 | 1202.8 | 1204.5 | 1204.3 | 1203.9 | 1203.7 | 1203.3 |
| 142.5° | 1226.2 | 1229.1 | 1231.9 | 1233.2 | 1233.0 | 1232.7 | 1232.3 | 1232.1 |
| 145°   | 1271.0 | 1272.7 | 1274.5 | 1275.1 | 1274.9 | 1274.6 | 1274.3 | 1274.0 |
| 147.5° | 1310.1 | 1310.9 | 1311.6 | 1311.4 | 1310.1 | 1308.9 | 1307.7 | 1306.4 |
| 150°   | 1335.4 | 1335.8 | 1336.4 | 1335.8 | 1334.1 | 1332.4 | 1330.8 | 1329.0 |
| 152.5° | 1358.6 | 1359.1 | 1359.5 | 1358.9 | 1357.2 | 1355.5 | 1353.8 | 1352.0 |
| 155°   | 1390.5 | 1391.2 | 1392.0 | 1391.4 | 1389.4 | 1387.4 | 1385.4 | 1383.5 |
| 157.5° | 1416.9 | 1417.7 | 1418.5 | 1417.9 | 1415.9 | 1413.9 | 1412.0 | 1410.0 |
| 160°   | 1433.4 | 1434.3 | 1435.4 | 1434.9 | 1432.9 | 1430.9 | 1428.9 | 1426.9 |
| 162.5° | 1448.4 | 1449.8 | 1451.2 | 1450.8 | 1448.6 | 1446.4 | 1444.2 | 1442.1 |
| 165°   | 1467.7 | 1469.3 | 1470.8 | 1470.5 | 1468.5 | 1466.5 | 1464.6 | 1462.6 |
| 167.5° | 1482.5 | 1484.2 | 1486.0 | 1485.7 | 1483.5 | 1481.4 | 1479.1 | 1476.9 |
| 170°   | 1490.0 | 1491.9 | 1493.9 | 1493.8 | 1491.6 | 1489.4 | 1487.1 | 1484.9 |
| 172.5° | 1495.8 | 1497.6 | 1499.3 | 1499.2 | 1496.9 | 1494.7 | 1492.5 | 1490.2 |
| 175°   | 1502.2 | 1504.2 | 1506.1 | 1506.1 | 1503.8 | 1501.6 | 1499.3 | 1497.1 |
| 177.5° | 1504.9 | 1506.2 | 1507.6 | 1507.5 | 1505.9 | 1504.3 | 1502.7 | 1501.2 |
| 180°   | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 | 1503.8 |

(END OF REPORT)