

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: P333481-927

Luminaire Tested: **S125DIW-S1270D1340U927-4F0-1E-UDD-D1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333481-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIW-S1270D1340U927-4F0-1E-UDD-D1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER  
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7589.6 lumens  
Efficiency: N/A  
Efficacy: 99.6 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

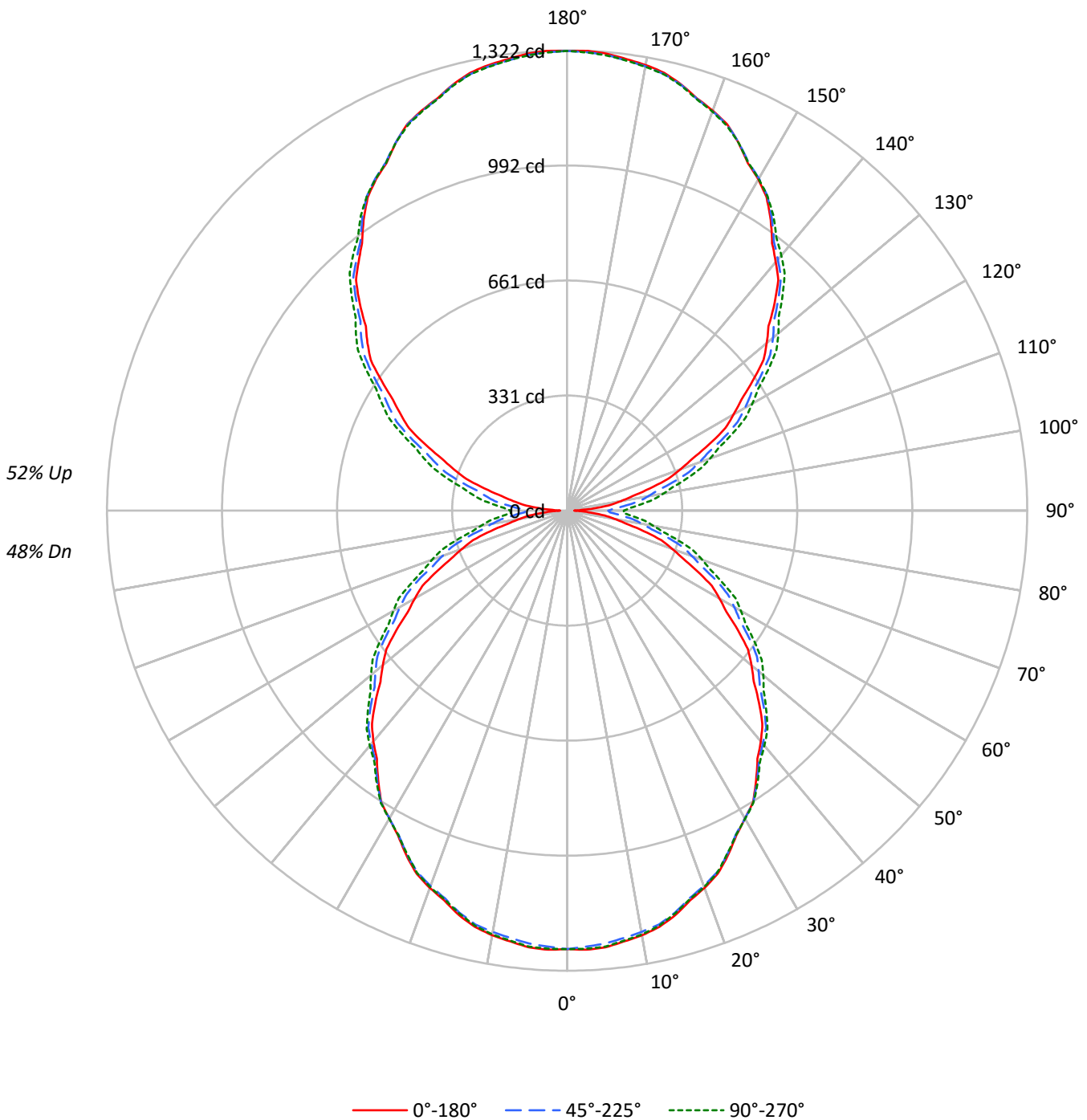
Input Watts (W): 76.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P333481-927

CATALOG NUMBER: S125DIW-S1270D1340U927-4F0-1E-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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 55 | 55 | 55 | 48 |
| 1   | 97  | 92  | 88  | 84  | 89 | 85 | 81 | 78 | 71 | 69 | 66 | 59 | 57 | 55 | 47 | 46 | 45 | 39 |
| 2   | 88  | 80  | 74  | 68  | 80 | 74 | 68 | 63 | 62 | 58 | 54 | 51 | 48 | 45 | 41 | 39 | 37 | 32 |
| 3   | 80  | 70  | 62  | 56  | 73 | 65 | 58 | 53 | 54 | 49 | 45 | 45 | 41 | 38 | 36 | 33 | 31 | 27 |
| 4   | 73  | 62  | 54  | 47  | 67 | 57 | 50 | 44 | 48 | 43 | 38 | 40 | 36 | 32 | 32 | 29 | 27 | 23 |
| 5   | 67  | 55  | 47  | 41  | 61 | 51 | 43 | 38 | 43 | 37 | 33 | 36 | 31 | 28 | 29 | 26 | 23 | 20 |
| 6   | 62  | 49  | 41  | 35  | 56 | 46 | 38 | 33 | 39 | 33 | 29 | 32 | 28 | 24 | 26 | 23 | 20 | 17 |
| 7   | 57  | 44  | 36  | 31  | 52 | 41 | 34 | 29 | 35 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 18 | 15 |
| 8   | 53  | 40  | 32  | 27  | 48 | 37 | 30 | 25 | 32 | 26 | 22 | 27 | 22 | 19 | 22 | 19 | 16 | 14 |
| 9   | 49  | 37  | 29  | 24  | 45 | 34 | 27 | 23 | 29 | 24 | 20 | 25 | 20 | 17 | 20 | 17 | 14 | 12 |
| 10  | 46  | 34  | 26  | 21  | 42 | 31 | 25 | 20 | 27 | 22 | 18 | 23 | 18 | 15 | 19 | 15 | 13 | 11 |

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

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 8136 | 8136 | 8136 |
| 5°  | 8152 | 7986 | 8012 |
| 10° | 8094 | 7843 | 7832 |
| 15° | 7999 | 7673 | 7603 |
| 20° | 7869 | 7462 | 7374 |
| 25° | 7714 | 7235 | 7092 |
| 30° | 7527 | 6987 | 6837 |
| 35° | 7352 | 6759 | 6602 |
| 40° | 7174 | 6519 | 6367 |
| 45° | 6972 | 6313 | 6157 |
| 50° | 6781 | 6089 | 5972 |
| 55° | 6550 | 5879 | 5755 |
| 60° | 6298 | 5638 | 5533 |
| 65° | 6034 | 5387 | 5283 |
| 70° | 5737 | 5044 | 5027 |
| 75° | 5263 | 4712 | 4712 |
| 80° | 4643 | 4312 | 4369 |
| 85° | 4070 | 4042 | 4260 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 119.1  | 1.6       |
| 10°-20°   | 338.2  | 4.5       |
| 20°-30°   | 502.9  | 6.6       |
| 30°-40°   | 595.7  | 7.8       |
| 40°-50°   | 615.9  | 8.1       |
| 50°-60°   | 567.4  | 7.5       |
| 60°-70°   | 458.6  | 6.0       |
| 70°-80°   | 307.2  | 4.0       |
| 80°-90°   | 162.2  | 2.1       |
| 90°-100°  | 177.8  | 2.3       |
| 100°-110° | 327.1  | 4.3       |
| 110°-120° | 486.5  | 6.4       |
| 120°-130° | 607.2  | 8.0       |
| 130°-140° | 663.3  | 8.7       |
| 140°-150° | 641.6  | 8.5       |
| 150°-160° | 537.0  | 7.1       |
| 160°-170° | 357.0  | 4.7       |
| 170°-180° | 124.9  | 1.6       |
| 0°-30°    | 960.2  | 12.7      |
| 0°-40°    | 1555.9 | 20.5      |
| 0°-60°    | 2739.2 | 36.1      |
| 0°-90°    | 3667.2 | 48.3      |
| 90°-120°  | 991.4  | 13.1      |
| 90°-150°  | 2903.5 | 38.3      |
| 90°-180°  | 3922.0 | 51.7      |
| 0°-180°   | 7589.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1260 | 1260  | 1260 | 1260  | 1260 |      |
| 5°   | 1260 | 1257  | 1249 | 1258  | 1257 | 119  |
| 15°  | 1203 | 1204  | 1196 | 1202  | 1198 | 339  |
| 25°  | 1093 | 1096  | 1089 | 1094  | 1088 | 503  |
| 35°  | 946  | 954   | 951  | 954   | 955  | 592  |
| 45°  | 779  | 792   | 799  | 807   | 809  | 601  |
| 55°  | 599  | 619   | 639  | 652   | 657  | 535  |
| 65°  | 412  | 441   | 471  | 488   | 494  | 409  |
| 75°  | 227  | 260   | 299  | 323   | 330  | 241  |
| 85°  | 68   | 109   | 152  | 178   | 189  | 72   |
| 90°  | 21   | 69    | 118  | 150   | 163  | 17   |
| 95°  | 83   | 118   | 169  | 202   | 214  | 84   |
| 105° | 245  | 271   | 314  | 343   | 356  | 262  |
| 115° | 450  | 464   | 497  | 518   | 525  | 445  |
| 125° | 651  | 657   | 682  | 699   | 705  | 583  |
| 135° | 843  | 848   | 858  | 873   | 876  | 650  |
| 145° | 1020 | 1022  | 1026 | 1031  | 1034 | 637  |
| 155° | 1165 | 1165  | 1166 | 1170  | 1165 | 536  |
| 165° | 1267 | 1265  | 1266 | 1270  | 1264 | 357  |
| 175° | 1317 | 1314  | 1313 | 1319  | 1312 | 125  |
| 180° | 1320 | 1320  | 1320 | 1320  | 1320 |      |



TEST NUMBER: P333481-927

CATALOG NUMBER: S125DIW-S1270D1340U927-4F0-1E-UDD-D1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 |
| 2.5°   | 1262.7 | 1262.3 | 1261.9 | 1261.5 | 1261.0 | 1260.0 | 1258.5 | 1257.0 | 1255.5 | 1253.9 | 1255.5 |
| 5°     | 1259.8 | 1259.3 | 1258.7 | 1258.1 | 1257.6 | 1256.4 | 1254.4 | 1252.5 | 1250.6 | 1248.7 | 1250.9 |
| 7.5°   | 1248.7 | 1248.5 | 1248.2 | 1248.0 | 1247.8 | 1246.7 | 1244.8 | 1242.8 | 1240.8 | 1238.8 | 1240.7 |
| 10°    | 1238.8 | 1238.8 | 1238.8 | 1238.8 | 1238.8 | 1237.7 | 1235.5 | 1233.3 | 1231.1 | 1228.9 | 1230.8 |
| 12.5°  | 1225.0 | 1225.2 | 1225.4 | 1225.7 | 1225.8 | 1225.1 | 1223.4 | 1221.5 | 1219.8 | 1218.1 | 1219.6 |
| 15°    | 1203.0 | 1203.2 | 1203.6 | 1203.8 | 1204.1 | 1203.2 | 1201.3 | 1199.4 | 1197.5 | 1195.6 | 1197.2 |
| 17.5°  | 1174.3 | 1174.9 | 1175.4 | 1176.0 | 1176.5 | 1175.8 | 1173.9 | 1172.0 | 1170.1 | 1168.2 | 1169.4 |
| 20°    | 1153.6 | 1154.1 | 1154.7 | 1155.2 | 1155.8 | 1155.1 | 1153.2 | 1151.3 | 1149.3 | 1147.4 | 1148.3 |
| 22.5°  | 1129.9 | 1130.8 | 1131.9 | 1132.8 | 1133.9 | 1133.2 | 1131.1 | 1128.9 | 1126.8 | 1124.7 | 1125.7 |
| 25°    | 1093.1 | 1093.9 | 1094.7 | 1095.5 | 1096.4 | 1096.0 | 1094.3 | 1092.7 | 1091.0 | 1089.3 | 1090.4 |
| 27.5°  | 1052.1 | 1053.3 | 1054.5 | 1055.7 | 1056.9 | 1056.5 | 1054.7 | 1052.8 | 1051.0 | 1049.1 | 1049.9 |
| 30°    | 1021.4 | 1023.1 | 1024.7 | 1026.4 | 1028.0 | 1028.0 | 1026.4 | 1024.7 | 1023.1 | 1021.4 | 1022.0 |
| 32.5°  | 993.8  | 995.2  | 996.6  | 998.1  | 999.5  | 999.6  | 998.4  | 997.2  | 995.9  | 994.7  | 995.3  |
| 35°    | 946.1  | 948.0  | 949.9  | 951.9  | 953.8  | 954.3  | 953.5  | 952.7  | 951.9  | 951.0  | 951.9  |
| 37.5°  | 898.4  | 900.2  | 901.9  | 903.7  | 905.5  | 906.2  | 905.9  | 905.6  | 905.4  | 905.1  | 906.2  |
| 40°    | 865.8  | 868.0  | 870.2  | 872.4  | 874.6  | 875.5  | 875.3  | 875.0  | 874.7  | 874.5  | 875.5  |
| 42.5°  | 830.2  | 833.1  | 835.9  | 838.8  | 841.7  | 843.4  | 844.0  | 844.6  | 845.2  | 845.8  | 847.1  |
| 45°    | 779.3  | 782.4  | 785.4  | 788.4  | 791.4  | 793.6  | 795.0  | 796.4  | 797.7  | 799.1  | 801.1  |
| 47.5°  | 727.2  | 730.0  | 732.8  | 735.6  | 738.4  | 741.0  | 743.4  | 745.8  | 748.1  | 750.4  | 753.3  |
| 50°    | 691.7  | 694.7  | 697.7  | 700.7  | 703.8  | 706.8  | 709.8  | 712.8  | 715.8  | 718.8  | 721.8  |
| 52.5°  | 654.1  | 657.8  | 661.5  | 665.1  | 668.8  | 672.5  | 676.2  | 679.9  | 683.5  | 687.2  | 690.5  |
| 55°    | 599.0  | 603.4  | 607.8  | 612.2  | 616.6  | 621.0  | 625.3  | 629.8  | 634.1  | 638.6  | 641.6  |
| 57.5°  | 542.7  | 548.0  | 553.3  | 558.5  | 563.8  | 568.9  | 574.0  | 579.0  | 584.1  | 589.1  | 592.6  |
| 60°    | 505.2  | 510.6  | 516.1  | 521.7  | 527.1  | 532.6  | 538.1  | 543.6  | 549.1  | 554.5  | 558.6  |
| 62.5°  | 468.6  | 474.1  | 479.6  | 485.1  | 490.5  | 496.3  | 502.2  | 508.1  | 514.0  | 520.0  | 524.5  |
| 65°    | 412.5  | 418.8  | 425.2  | 431.5  | 437.8  | 444.3  | 450.8  | 457.4  | 464.0  | 470.6  | 474.7  |
| 67.5°  | 359.7  | 365.8  | 371.9  | 378.0  | 384.0  | 390.5  | 397.1  | 403.9  | 410.5  | 417.2  | 422.2  |
| 70°    | 321.2  | 327.4  | 333.7  | 340.1  | 346.3  | 353.1  | 360.2  | 367.4  | 374.5  | 381.7  | 386.9  |
| 72.5°  | 283.6  | 290.1  | 296.7  | 303.2  | 309.7  | 316.9  | 324.6  | 332.5  | 340.2  | 348.1  | 353.7  |
| 75°    | 227.3  | 234.4  | 241.5  | 248.7  | 255.8  | 263.8  | 272.5  | 281.3  | 290.1  | 298.9  | 304.4  |
| 77.5°  | 173.2  | 181.4  | 189.6  | 197.9  | 206.1  | 214.4  | 222.9  | 231.3  | 239.8  | 248.3  | 254.3  |
| 80°    | 139.6  | 147.8  | 156.1  | 164.3  | 172.5  | 181.3  | 190.6  | 199.9  | 209.3  | 218.6  | 224.7  |
| 82.5°  | 108.9  | 117.6  | 126.3  | 135.0  | 143.6  | 152.7  | 162.3  | 171.8  | 181.4  | 190.9  | 196.8  |
| 85°    | 68.0   | 77.0   | 86.0   | 95.1   | 104.2  | 113.5  | 123.1  | 132.7  | 142.3  | 151.9  | 158.0  |
| 87.5°  | 38.7   | 47.9   | 57.0   | 66.1   | 75.3   | 84.8   | 94.3   | 104.0  | 113.7  | 123.3  | 129.9  |
| 90°    | 20.8   | 31.4   | 42.0   | 52.6   | 63.2   | 74.0   | 84.9   | 95.9   | 106.8  | 117.7  | 125.2  |
| 92.5°  | 42.6   | 52.0   | 61.5   | 70.9   | 80.2   | 90.7   | 102.3  | 113.8  | 125.2  | 136.8  | 144.4  |
| 95°    | 82.9   | 90.5   | 98.1   | 105.6  | 113.2  | 122.8  | 134.4  | 146.1  | 157.6  | 169.3  | 176.9  |
| 97.5°  | 125.6  | 132.1  | 138.8  | 145.4  | 151.9  | 161.4  | 173.5  | 185.7  | 197.8  | 210.0  | 217.2  |
| 100°   | 157.5  | 163.2  | 169.0  | 174.8  | 180.5  | 189.3  | 201.0  | 212.8  | 224.5  | 236.2  | 244.1  |
| 102.5° | 191.8  | 198.0  | 204.3  | 210.6  | 216.7  | 224.9  | 235.0  | 245.0  | 255.2  | 265.2  | 273.0  |
| 105°   | 245.4  | 251.0  | 256.5  | 262.0  | 267.5  | 275.1  | 284.7  | 294.3  | 303.9  | 313.5  | 320.4  |
| 107.5° | 304.8  | 309.7  | 314.5  | 319.4  | 324.2  | 331.1  | 340.2  | 349.1  | 358.1  | 367.0  | 373.1  |
| 110°   | 345.7  | 350.1  | 354.6  | 359.0  | 363.5  | 369.9  | 378.2  | 386.6  | 395.0  | 403.3  | 409.2  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 388.4  | 391.7  | 394.9  | 398.2  | 401.3  | 407.1  | 415.5  | 423.8  | 432.1  | 440.5  | 445.8  |
| 115°   | 450.3  | 453.1  | 456.0  | 458.8  | 461.6  | 466.8  | 474.4  | 482.0  | 489.6  | 497.3  | 501.9  |
| 117.5° | 512.4  | 514.0  | 515.7  | 517.4  | 519.0  | 523.5  | 530.6  | 537.8  | 544.9  | 552.2  | 557.0  |
| 120°   | 551.8  | 553.8  | 555.8  | 557.7  | 559.7  | 564.0  | 570.5  | 577.0  | 583.6  | 590.1  | 594.8  |
| 122.5° | 593.6  | 594.4  | 595.2  | 596.0  | 596.8  | 600.5  | 607.2  | 613.9  | 620.6  | 627.2  | 631.5  |
| 125°   | 651.3  | 652.4  | 653.5  | 654.6  | 655.7  | 659.1  | 664.8  | 670.5  | 676.2  | 682.0  | 685.9  |
| 127.5° | 711.7  | 712.3  | 712.7  | 713.2  | 713.8  | 716.4  | 721.1  | 725.9  | 730.7  | 735.5  | 739.3  |
| 130°   | 748.7  | 749.6  | 750.4  | 751.3  | 752.2  | 754.8  | 759.1  | 763.3  | 767.6  | 772.0  | 775.5  |
| 132.5° | 784.7  | 786.6  | 788.4  | 790.2  | 791.9  | 794.3  | 797.2  | 800.1  | 803.0  | 805.8  | 809.5  |
| 135°   | 843.0  | 844.1  | 845.3  | 846.3  | 847.4  | 849.1  | 851.2  | 853.3  | 855.5  | 857.6  | 861.2  |
| 137.5° | 897.9  | 899.0  | 900.1  | 901.2  | 902.3  | 903.6  | 905.0  | 906.4  | 907.8  | 909.3  | 912.8  |
| 140°   | 932.2  | 933.3  | 934.5  | 935.6  | 936.8  | 937.9  | 938.8  | 939.8  | 940.7  | 941.7  | 945.2  |
| 142.5° | 967.6  | 968.3  | 969.1  | 969.8  | 970.5  | 971.4  | 972.3  | 973.2  | 974.1  | 975.1  | 977.9  |
| 145°   | 1019.5 | 1020.3 | 1020.9 | 1021.5 | 1022.2 | 1022.8 | 1023.5 | 1024.1 | 1024.8 | 1025.6 | 1026.9 |
| 147.5° | 1066.4 | 1066.9 | 1067.5 | 1067.9 | 1068.4 | 1069.0 | 1069.5 | 1070.1 | 1070.6 | 1071.2 | 1072.1 |
| 150°   | 1098.5 | 1098.3 | 1098.0 | 1097.8 | 1097.6 | 1097.9 | 1098.8 | 1099.8 | 1100.7 | 1101.6 | 1101.6 |
| 152.5° | 1124.8 | 1125.1 | 1125.5 | 1125.8 | 1126.1 | 1126.4 | 1126.8 | 1127.1 | 1127.5 | 1127.9 | 1128.5 |
| 155°   | 1165.3 | 1165.3 | 1165.3 | 1165.3 | 1165.3 | 1165.4 | 1165.6 | 1165.9 | 1166.1 | 1166.3 | 1167.2 |
| 157.5° | 1201.4 | 1200.9 | 1200.5 | 1199.9 | 1199.4 | 1199.3 | 1199.5 | 1199.8 | 1200.0 | 1200.2 | 1201.1 |
| 160°   | 1222.8 | 1222.2 | 1221.5 | 1220.8 | 1220.1 | 1219.9 | 1220.1 | 1220.4 | 1220.5 | 1220.8 | 1221.7 |
| 162.5° | 1241.7 | 1241.3 | 1240.7 | 1240.2 | 1239.8 | 1239.5 | 1239.5 | 1239.6 | 1239.6 | 1239.7 | 1240.8 |
| 165°   | 1267.0 | 1266.5 | 1266.1 | 1265.7 | 1265.2 | 1265.1 | 1265.3 | 1265.5 | 1265.7 | 1266.0 | 1266.9 |
| 167.5° | 1288.4 | 1287.5 | 1286.6 | 1285.6 | 1284.8 | 1284.3 | 1284.3 | 1284.3 | 1284.3 | 1284.3 | 1285.6 |
| 170°   | 1299.9 | 1299.0 | 1298.1 | 1297.2 | 1296.2 | 1295.8 | 1295.8 | 1295.8 | 1295.8 | 1295.8 | 1297.2 |
| 172.5° | 1308.1 | 1307.2 | 1306.3 | 1305.4 | 1304.5 | 1304.0 | 1304.0 | 1304.0 | 1304.0 | 1304.0 | 1305.4 |
| 175°   | 1317.4 | 1316.4 | 1315.6 | 1314.6 | 1313.8 | 1313.3 | 1313.3 | 1313.3 | 1313.3 | 1313.3 | 1314.6 |
| 177.5° | 1322.1 | 1321.4 | 1320.6 | 1319.9 | 1319.1 | 1318.7 | 1318.5 | 1318.3 | 1318.2 | 1318.0 | 1319.1 |
| 180°   | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 |



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CATALOG NUMBER: S125DIW-S1270D1340U927-4F0-1E-UDD-D1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 | 1259.8 |
| 2.5°   | 1257.0 | 1258.5 | 1260.0 | 1260.7 | 1260.4 | 1260.3 | 1260.0 | 1259.8 |
| 5°     | 1253.1 | 1255.3 | 1257.5 | 1258.5 | 1258.1 | 1257.9 | 1257.6 | 1257.4 |
| 7.5°   | 1242.6 | 1244.6 | 1246.5 | 1247.3 | 1247.1 | 1246.7 | 1246.5 | 1246.2 |
| 10°    | 1232.8 | 1234.7 | 1236.6 | 1237.5 | 1237.2 | 1236.9 | 1236.6 | 1236.4 |
| 12.5°  | 1221.0 | 1222.5 | 1224.0 | 1224.4 | 1223.7 | 1223.0 | 1222.3 | 1221.5 |
| 15°    | 1198.9 | 1200.6 | 1202.1 | 1202.5 | 1201.3 | 1200.2 | 1199.1 | 1198.0 |
| 17.5°  | 1170.7 | 1172.0 | 1173.2 | 1173.5 | 1172.8 | 1172.2 | 1171.6 | 1170.8 |
| 20°    | 1149.1 | 1149.9 | 1150.7 | 1151.1 | 1151.1 | 1151.1 | 1151.1 | 1151.1 |
| 22.5°  | 1126.8 | 1127.8 | 1128.9 | 1129.0 | 1128.4 | 1127.8 | 1127.0 | 1126.4 |
| 25°    | 1091.5 | 1092.7 | 1093.8 | 1093.6 | 1092.3 | 1090.8 | 1089.5 | 1088.1 |
| 27.5°  | 1050.7 | 1051.4 | 1052.2 | 1052.3 | 1051.8 | 1051.3 | 1050.8 | 1050.4 |
| 30°    | 1022.5 | 1023.1 | 1023.7 | 1023.7 | 1023.5 | 1023.2 | 1022.9 | 1022.6 |
| 32.5°  | 995.9  | 996.4  | 997.0  | 997.1  | 996.8  | 996.6  | 996.2  | 996.0  |
| 35°    | 952.7  | 953.5  | 954.3  | 954.7  | 954.7  | 954.7  | 954.7  | 954.7  |
| 37.5°  | 907.3  | 908.4  | 909.5  | 910.0  | 909.8  | 909.7  | 909.7  | 909.5  |
| 40°    | 876.6  | 877.7  | 878.8  | 879.6  | 880.2  | 880.7  | 881.3  | 881.9  |
| 42.5°  | 848.4  | 849.8  | 851.0  | 851.8  | 851.9  | 852.0  | 852.2  | 852.2  |
| 45°    | 803.0  | 804.9  | 806.8  | 807.9  | 808.2  | 808.4  | 808.7  | 809.0  |
| 47.5°  | 756.1  | 758.8  | 761.7  | 763.3  | 764.0  | 764.5  | 765.2  | 765.8  |
| 50°    | 724.8  | 727.9  | 730.9  | 732.8  | 733.6  | 734.5  | 735.3  | 736.1  |
| 52.5°  | 693.7  | 697.0  | 700.1  | 702.1  | 702.7  | 703.3  | 703.9  | 704.5  |
| 55°    | 644.6  | 647.6  | 650.6  | 652.7  | 653.8  | 654.9  | 656.0  | 657.1  |
| 57.5°  | 596.0  | 599.5  | 603.0  | 605.1  | 605.9  | 606.7  | 607.6  | 608.4  |
| 60°    | 562.8  | 566.9  | 571.0  | 573.5  | 574.3  | 575.1  | 576.0  | 576.8  |
| 62.5°  | 529.1  | 533.6  | 538.2  | 541.0  | 542.0  | 543.1  | 544.2  | 545.2  |
| 65°    | 478.8  | 482.9  | 487.0  | 489.6  | 490.8  | 491.9  | 493.0  | 494.0  |
| 67.5°  | 427.2  | 432.2  | 437.2  | 440.4  | 441.8  | 443.2  | 444.7  | 446.2  |
| 70°    | 392.1  | 397.3  | 402.5  | 405.9  | 407.6  | 409.2  | 410.9  | 412.5  |
| 72.5°  | 359.3  | 365.0  | 370.7  | 374.1  | 375.3  | 376.5  | 377.7  | 378.9  |
| 75°    | 309.9  | 315.4  | 320.8  | 324.3  | 325.7  | 327.0  | 328.4  | 329.8  |
| 77.5°  | 260.3  | 266.3  | 272.4  | 276.0  | 277.1  | 278.1  | 279.2  | 280.4  |
| 80°    | 230.7  | 236.7  | 242.8  | 246.4  | 247.4  | 248.5  | 249.6  | 250.7  |
| 82.5°  | 202.6  | 208.4  | 214.2  | 218.1  | 220.1  | 222.0  | 224.0  | 226.0  |
| 85°    | 164.0  | 170.0  | 176.1  | 180.2  | 182.4  | 184.6  | 186.8  | 188.9  |
| 87.5°  | 136.4  | 143.0  | 149.5  | 153.8  | 155.9  | 157.9  | 159.9  | 162.0  |
| 90°    | 132.6  | 140.1  | 147.5  | 152.6  | 155.2  | 157.8  | 160.4  | 163.0  |
| 92.5°  | 152.0  | 159.6  | 167.2  | 172.2  | 174.6  | 177.1  | 179.5  | 181.9  |
| 95°    | 184.6  | 192.2  | 199.9  | 204.9  | 207.2  | 209.6  | 212.0  | 214.4  |
| 97.5°  | 224.5  | 231.8  | 239.1  | 243.8  | 245.9  | 248.0  | 250.2  | 252.3  |
| 100°   | 251.9  | 259.8  | 267.5  | 272.5  | 274.6  | 276.7  | 278.8  | 280.9  |
| 102.5° | 280.7  | 288.5  | 296.4  | 301.3  | 303.6  | 305.9  | 308.2  | 310.5  |
| 105°   | 327.3  | 334.1  | 341.0  | 345.7  | 348.3  | 350.9  | 353.6  | 356.1  |
| 107.5° | 379.2  | 385.3  | 391.5  | 395.4  | 397.0  | 398.7  | 400.3  | 402.0  |
| 110°   | 415.1  | 421.0  | 426.9  | 430.7  | 432.4  | 434.1  | 435.8  | 437.5  |





TEST NUMBER: P333481-927

CATALOG NUMBER: S125DIW-S1270D1340U927-4F0-1E-UDD-D1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 451.1  | 456.5  | 461.8  | 465.2  | 466.7  | 468.2  | 469.7  | 471.2  |
| 115°   | 506.7  | 511.4  | 516.1  | 519.1  | 520.5  | 522.0  | 523.4  | 524.8  |
| 117.5° | 561.8  | 566.6  | 571.6  | 574.4  | 575.4  | 576.3  | 577.3  | 578.2  |
| 120°   | 599.4  | 604.1  | 608.8  | 611.5  | 612.2  | 612.9  | 613.7  | 614.4  |
| 122.5° | 635.8  | 640.1  | 644.3  | 646.9  | 647.8  | 648.7  | 649.7  | 650.5  |
| 125°   | 689.8  | 693.8  | 697.7  | 700.2  | 701.4  | 702.5  | 703.7  | 704.8  |
| 127.5° | 743.1  | 746.9  | 750.8  | 753.3  | 754.4  | 755.6  | 756.7  | 757.8  |
| 130°   | 779.2  | 782.8  | 786.4  | 788.7  | 789.6  | 790.5  | 791.4  | 792.3  |
| 132.5° | 813.0  | 816.7  | 820.3  | 822.4  | 822.8  | 823.4  | 823.9  | 824.4  |
| 135°   | 864.7  | 868.3  | 871.9  | 873.9  | 874.4  | 874.8  | 875.3  | 875.8  |
| 137.5° | 916.3  | 919.8  | 923.4  | 925.1  | 925.0  | 925.0  | 925.0  | 924.9  |
| 140°   | 948.6  | 952.1  | 955.6  | 957.3  | 957.3  | 957.2  | 957.2  | 957.1  |
| 142.5° | 980.8  | 983.7  | 986.5  | 987.9  | 987.9  | 987.8  | 987.8  | 987.7  |
| 145°   | 1028.3 | 1029.7 | 1031.0 | 1031.9 | 1032.3 | 1032.8 | 1033.2 | 1033.6 |
| 147.5° | 1073.2 | 1074.1 | 1075.1 | 1075.1 | 1074.0 | 1072.9 | 1071.9 | 1070.9 |
| 150°   | 1101.6 | 1101.6 | 1101.6 | 1101.5 | 1101.3 | 1101.1 | 1101.0 | 1100.7 |
| 152.5° | 1128.9 | 1129.5 | 1130.0 | 1130.0 | 1129.2 | 1128.5 | 1127.7 | 1126.9 |
| 155°   | 1168.2 | 1169.0 | 1170.0 | 1169.8 | 1168.7 | 1167.6 | 1166.4 | 1165.3 |
| 157.5° | 1202.1 | 1202.9 | 1203.9 | 1203.6 | 1202.1 | 1200.6 | 1199.0 | 1197.5 |
| 160°   | 1222.6 | 1223.5 | 1224.4 | 1224.3 | 1223.2 | 1222.0 | 1220.9 | 1219.7 |
| 162.5° | 1241.9 | 1242.9 | 1244.0 | 1244.0 | 1242.6 | 1241.3 | 1240.0 | 1238.7 |
| 165°   | 1267.8 | 1268.8 | 1269.6 | 1269.4 | 1268.0 | 1266.7 | 1265.3 | 1263.9 |
| 167.5° | 1287.1 | 1288.4 | 1289.8 | 1289.8 | 1288.3 | 1286.9 | 1285.5 | 1284.0 |
| 170°   | 1298.5 | 1299.9 | 1301.2 | 1301.2 | 1299.6 | 1298.0 | 1296.3 | 1294.7 |
| 172.5° | 1306.8 | 1308.1 | 1309.5 | 1309.5 | 1308.1 | 1306.6 | 1305.2 | 1303.8 |
| 175°   | 1316.0 | 1317.4 | 1318.7 | 1318.6 | 1317.0 | 1315.4 | 1313.8 | 1312.2 |
| 177.5° | 1320.2 | 1321.3 | 1322.4 | 1322.3 | 1321.0 | 1319.7 | 1318.4 | 1317.2 |
| 180°   | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 | 1320.5 |

(END OF REPORT)