

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: P333481-935

Luminaire Tested: **S125DIW-S1270D1340U935-4F0-1E-UDD-D1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333481-935
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-S1270D1340U935-4F0-1E-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: 8248.9 lumens
Efficiency: N/A
Efficacy: 108.3 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

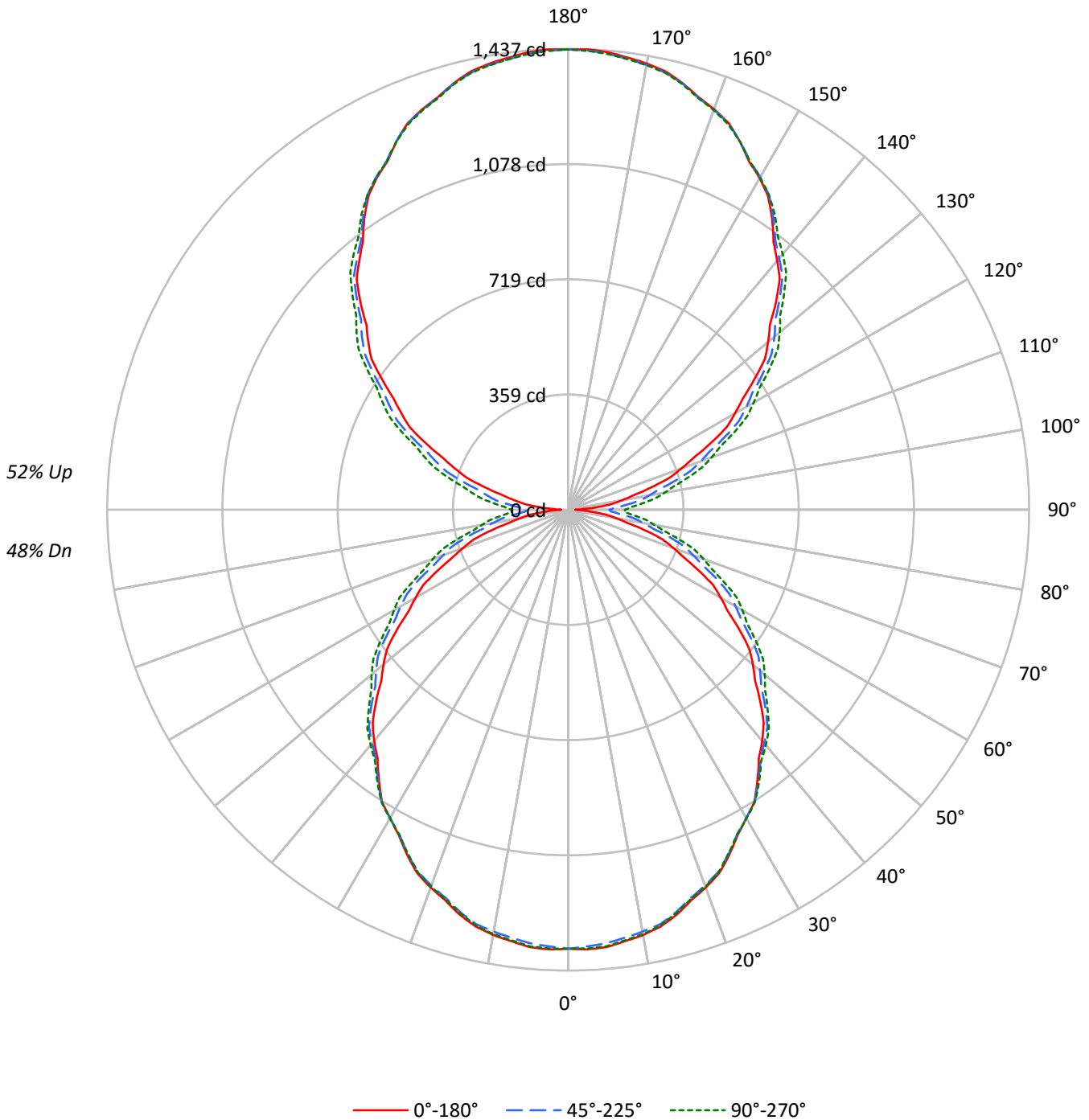
Input Watts (W): 76.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D1

Luminous Intensity Polar Plot





TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-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° | 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 |



TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 129.5 | 1.6 |
| 10°-20° | 367.5 | 4.5 |
| 20°-30° | 546.6 | 6.6 |
| 30°-40° | 647.5 | 7.8 |
| 40°-50° | 669.4 | 8.1 |
| 50°-60° | 616.7 | 7.5 |
| 60°-70° | 498.5 | 6.0 |
| 70°-80° | 333.8 | 4.0 |
| 80°-90° | 176.3 | 2.1 |
| 90°-100° | 193.3 | 2.3 |
| 100°-110° | 355.5 | 4.3 |
| 110°-120° | 528.8 | 6.4 |
| 120°-130° | 660.0 | 8.0 |
| 130°-140° | 720.9 | 8.7 |
| 140°-150° | 697.3 | 8.5 |
| 150°-160° | 583.6 | 7.1 |
| 160°-170° | 388.0 | 4.7 |
| 170°-180° | 135.8 | 1.6 |
| 0°-30° | 1043.6 | 12.7 |
| 0°-40° | 1691.1 | 20.5 |
| 0°-60° | 2977.2 | 36.1 |
| 0°-90° | 3985.8 | 48.3 |
| 90°-120° | 1077.5 | 13.1 |
| 90°-150° | 3155.7 | 38.3 |
| 90°-180° | 4263.0 | 51.7 |
| 0°-180° | 8248.9 | 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 | 18 |
| 95° | 90 | 128 | 184 | 220 | 233 | 91 |
| 105° | 267 | 295 | 341 | 373 | 387 | 285 |
| 115° | 489 | 505 | 540 | 563 | 570 | 484 |
| 125° | 708 | 714 | 741 | 760 | 766 | 633 |
| 135° | 916 | 922 | 932 | 949 | 952 | 706 |
| 145° | 1108 | 1111 | 1115 | 1121 | 1123 | 692 |
| 155° | 1266 | 1267 | 1268 | 1272 | 1266 | 583 |
| 165° | 1377 | 1375 | 1376 | 1380 | 1374 | 388 |
| 175° | 1432 | 1428 | 1427 | 1433 | 1426 | 136 |
| 180° | 1435 | 1435 | 1435 | 1435 | 1435 | |



TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D1

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 | 141.2 |
| 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° | 46.3 | 56.6 | 66.8 | 77.1 | 87.2 | 98.6 | 111.2 | 123.6 | 136.1 | 148.7 | 157.0 |
| 95° | 90.1 | 98.3 | 106.6 | 114.8 | 123.0 | 133.5 | 146.1 | 158.8 | 171.3 | 184.0 | 192.3 |
| 97.5° | 136.5 | 143.6 | 150.8 | 158.0 | 165.1 | 175.4 | 188.6 | 201.8 | 215.0 | 228.3 | 236.1 |
| 100° | 171.2 | 177.4 | 183.7 | 189.9 | 196.2 | 205.7 | 218.4 | 231.3 | 244.0 | 256.8 | 265.3 |
| 102.5° | 208.4 | 215.2 | 222.1 | 228.9 | 235.6 | 244.4 | 255.4 | 266.3 | 277.3 | 288.3 | 296.7 |
| 105° | 266.7 | 272.8 | 278.8 | 284.7 | 290.8 | 299.0 | 309.4 | 319.9 | 330.3 | 340.8 | 348.2 |
| 107.5° | 331.2 | 336.6 | 341.8 | 347.2 | 352.4 | 359.9 | 369.7 | 379.4 | 389.2 | 398.9 | 405.5 |
| 110° | 375.7 | 380.6 | 385.4 | 390.2 | 395.0 | 402.0 | 411.0 | 420.2 | 429.3 | 438.3 | 444.8 |



TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 422.1 | 425.7 | 429.2 | 432.7 | 436.2 | 442.5 | 451.6 | 460.6 | 469.7 | 478.7 | 484.5 |
| 115° | 489.4 | 492.5 | 495.6 | 498.7 | 501.7 | 507.4 | 515.7 | 523.9 | 532.2 | 540.4 | 545.5 |
| 117.5° | 556.9 | 558.7 | 560.5 | 562.3 | 564.1 | 568.9 | 576.7 | 584.5 | 592.3 | 600.1 | 605.4 |
| 120° | 599.8 | 601.9 | 604.1 | 606.1 | 608.3 | 612.9 | 620.0 | 627.2 | 634.3 | 641.4 | 646.4 |
| 122.5° | 645.1 | 646.0 | 646.9 | 647.7 | 648.6 | 652.6 | 660.0 | 667.2 | 674.5 | 681.7 | 686.4 |
| 125° | 707.9 | 709.0 | 710.2 | 711.4 | 712.6 | 716.4 | 722.6 | 728.8 | 734.9 | 741.2 | 745.5 |
| 127.5° | 773.5 | 774.1 | 774.6 | 775.2 | 775.8 | 778.6 | 783.8 | 788.9 | 794.2 | 799.4 | 803.5 |
| 130° | 813.7 | 814.7 | 815.6 | 816.6 | 817.5 | 820.4 | 825.0 | 829.7 | 834.3 | 839.0 | 842.9 |
| 132.5° | 852.9 | 854.9 | 856.9 | 858.8 | 860.7 | 863.3 | 866.4 | 869.6 | 872.7 | 875.8 | 879.8 |
| 135° | 916.3 | 917.5 | 918.7 | 919.8 | 921.0 | 922.8 | 925.1 | 927.5 | 929.8 | 932.1 | 936.0 |
| 137.5° | 975.9 | 977.1 | 978.3 | 979.5 | 980.7 | 982.1 | 983.6 | 985.2 | 986.7 | 988.3 | 992.1 |
| 140° | 1013.2 | 1014.4 | 1015.7 | 1016.9 | 1018.2 | 1019.3 | 1020.4 | 1021.4 | 1022.4 | 1023.5 | 1027.3 |
| 142.5° | 1051.6 | 1052.4 | 1053.3 | 1054.0 | 1054.8 | 1055.8 | 1056.8 | 1057.7 | 1058.8 | 1059.8 | 1062.9 |
| 145° | 1108.1 | 1108.9 | 1109.6 | 1110.3 | 1110.9 | 1111.6 | 1112.4 | 1113.1 | 1113.9 | 1114.7 | 1116.1 |
| 147.5° | 1159.1 | 1159.6 | 1160.2 | 1160.7 | 1161.2 | 1161.8 | 1162.4 | 1163.0 | 1163.6 | 1164.2 | 1165.3 |
| 150° | 1193.9 | 1193.7 | 1193.4 | 1193.2 | 1192.9 | 1193.3 | 1194.3 | 1195.3 | 1196.3 | 1197.3 | 1197.3 |
| 152.5° | 1222.5 | 1222.9 | 1223.2 | 1223.6 | 1223.9 | 1224.3 | 1224.7 | 1225.0 | 1225.5 | 1225.9 | 1226.5 |
| 155° | 1266.5 | 1266.5 | 1266.5 | 1266.5 | 1266.5 | 1266.6 | 1266.9 | 1267.1 | 1267.4 | 1267.7 | 1268.6 |
| 157.5° | 1305.8 | 1305.3 | 1304.8 | 1304.2 | 1303.6 | 1303.5 | 1303.7 | 1304.0 | 1304.2 | 1304.5 | 1305.4 |
| 160° | 1329.0 | 1328.4 | 1327.6 | 1326.8 | 1326.1 | 1325.9 | 1326.1 | 1326.4 | 1326.5 | 1326.8 | 1327.8 |
| 162.5° | 1349.6 | 1349.1 | 1348.5 | 1348.0 | 1347.5 | 1347.2 | 1347.2 | 1347.3 | 1347.3 | 1347.4 | 1348.6 |
| 165° | 1377.1 | 1376.6 | 1376.1 | 1375.6 | 1375.1 | 1375.0 | 1375.2 | 1375.4 | 1375.7 | 1376.0 | 1377.0 |
| 167.5° | 1400.3 | 1399.3 | 1398.4 | 1397.3 | 1396.4 | 1395.9 | 1395.9 | 1395.9 | 1395.9 | 1395.9 | 1397.3 |
| 170° | 1412.8 | 1411.9 | 1410.8 | 1409.9 | 1408.9 | 1408.3 | 1408.3 | 1408.3 | 1408.3 | 1408.3 | 1409.9 |
| 172.5° | 1421.8 | 1420.7 | 1419.8 | 1418.8 | 1417.8 | 1417.3 | 1417.3 | 1417.3 | 1417.3 | 1417.3 | 1418.8 |
| 175° | 1431.8 | 1430.8 | 1429.9 | 1428.8 | 1427.9 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1427.4 | 1428.8 |
| 177.5° | 1436.9 | 1436.1 | 1435.4 | 1434.6 | 1433.7 | 1433.3 | 1433.0 | 1432.9 | 1432.7 | 1432.4 | 1433.7 |
| 180° | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |



TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D1

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 | 167.2 | 169.4 | 171.6 | 173.8 | 176.1 |
| 90° | 144.1 | 152.2 | 160.3 | 165.8 | 168.7 | 171.5 | 174.4 | 177.2 |
| 92.5° | 165.2 | 173.5 | 181.7 | 187.2 | 189.8 | 192.4 | 195.1 | 197.7 |
| 95° | 200.6 | 208.9 | 217.2 | 222.7 | 225.2 | 227.8 | 230.4 | 233.0 |
| 97.5° | 244.0 | 251.9 | 259.8 | 264.9 | 267.3 | 269.6 | 271.9 | 274.2 |
| 100° | 273.8 | 282.3 | 290.8 | 296.2 | 298.4 | 300.7 | 303.1 | 305.3 |
| 102.5° | 305.1 | 313.6 | 322.1 | 327.5 | 330.0 | 332.5 | 335.0 | 337.5 |
| 105° | 355.7 | 363.2 | 370.6 | 375.7 | 378.6 | 381.4 | 384.3 | 387.0 |
| 107.5° | 412.2 | 418.8 | 425.5 | 429.7 | 431.5 | 433.3 | 435.1 | 436.9 |
| 110° | 451.2 | 457.6 | 464.0 | 468.1 | 469.9 | 471.8 | 473.6 | 475.5 |



TEST NUMBER: P333481-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 490.3 | 496.1 | 501.9 | 505.6 | 507.2 | 508.9 | 510.5 | 512.1 |
| 115° | 550.7 | 555.8 | 560.9 | 564.2 | 565.8 | 567.3 | 568.9 | 570.4 |
| 117.5° | 610.6 | 615.9 | 621.2 | 624.3 | 625.3 | 626.4 | 627.4 | 628.4 |
| 120° | 651.5 | 656.6 | 661.7 | 664.6 | 665.4 | 666.2 | 667.0 | 667.8 |
| 122.5° | 691.0 | 695.7 | 700.3 | 703.1 | 704.1 | 705.1 | 706.1 | 707.1 |
| 125° | 749.8 | 754.1 | 758.3 | 761.0 | 762.3 | 763.5 | 764.8 | 766.0 |
| 127.5° | 807.7 | 811.8 | 816.1 | 818.7 | 819.9 | 821.2 | 822.4 | 823.6 |
| 130° | 846.9 | 850.8 | 854.7 | 857.2 | 858.2 | 859.2 | 860.1 | 861.2 |
| 132.5° | 883.6 | 887.6 | 891.6 | 893.8 | 894.3 | 894.9 | 895.4 | 896.0 |
| 135° | 939.9 | 943.7 | 947.6 | 949.9 | 950.4 | 950.8 | 951.3 | 951.8 |
| 137.5° | 995.9 | 999.7 | 1003.6 | 1005.5 | 1005.4 | 1005.4 | 1005.3 | 1005.2 |
| 140° | 1031.0 | 1034.8 | 1038.6 | 1040.4 | 1040.4 | 1040.3 | 1040.3 | 1040.3 |
| 142.5° | 1066.0 | 1069.1 | 1072.2 | 1073.7 | 1073.7 | 1073.6 | 1073.6 | 1073.5 |
| 145° | 1117.6 | 1119.1 | 1120.6 | 1121.5 | 1122.0 | 1122.5 | 1122.9 | 1123.3 |
| 147.5° | 1166.4 | 1167.4 | 1168.5 | 1168.5 | 1167.3 | 1166.1 | 1165.0 | 1163.9 |
| 150° | 1197.3 | 1197.3 | 1197.3 | 1197.1 | 1197.0 | 1196.8 | 1196.6 | 1196.4 |
| 152.5° | 1227.0 | 1227.6 | 1228.2 | 1228.1 | 1227.3 | 1226.5 | 1225.6 | 1224.8 |
| 155° | 1269.6 | 1270.6 | 1271.6 | 1271.4 | 1270.2 | 1269.0 | 1267.7 | 1266.5 |
| 157.5° | 1306.5 | 1307.4 | 1308.5 | 1308.1 | 1306.5 | 1304.8 | 1303.2 | 1301.6 |
| 160° | 1328.8 | 1329.8 | 1330.8 | 1330.7 | 1329.5 | 1328.2 | 1327.0 | 1325.7 |
| 162.5° | 1349.8 | 1350.9 | 1352.1 | 1352.0 | 1350.6 | 1349.1 | 1347.7 | 1346.3 |
| 165° | 1377.9 | 1379.0 | 1379.9 | 1379.7 | 1378.2 | 1376.7 | 1375.2 | 1373.7 |
| 167.5° | 1398.9 | 1400.3 | 1401.8 | 1401.8 | 1400.2 | 1398.7 | 1397.1 | 1395.6 |
| 170° | 1411.4 | 1412.8 | 1414.3 | 1414.2 | 1412.5 | 1410.7 | 1408.9 | 1407.2 |
| 172.5° | 1420.3 | 1421.8 | 1423.2 | 1423.2 | 1421.7 | 1420.1 | 1418.6 | 1417.0 |
| 175° | 1430.3 | 1431.8 | 1433.3 | 1433.1 | 1431.4 | 1429.7 | 1428.0 | 1426.2 |
| 177.5° | 1434.9 | 1436.1 | 1437.3 | 1437.2 | 1435.7 | 1434.3 | 1433.0 | 1431.6 |
| 180° | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |

(END OF REPORT)