

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: P333480-940

Luminaire Tested: **S125DIW-S1270D1340U940-4F0-1E-UDD-D**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333480-940
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-S1270D1340U940-4F0-1E-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: 9178.3 lumens
Efficiency: N/A
Efficacy: 120.4 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

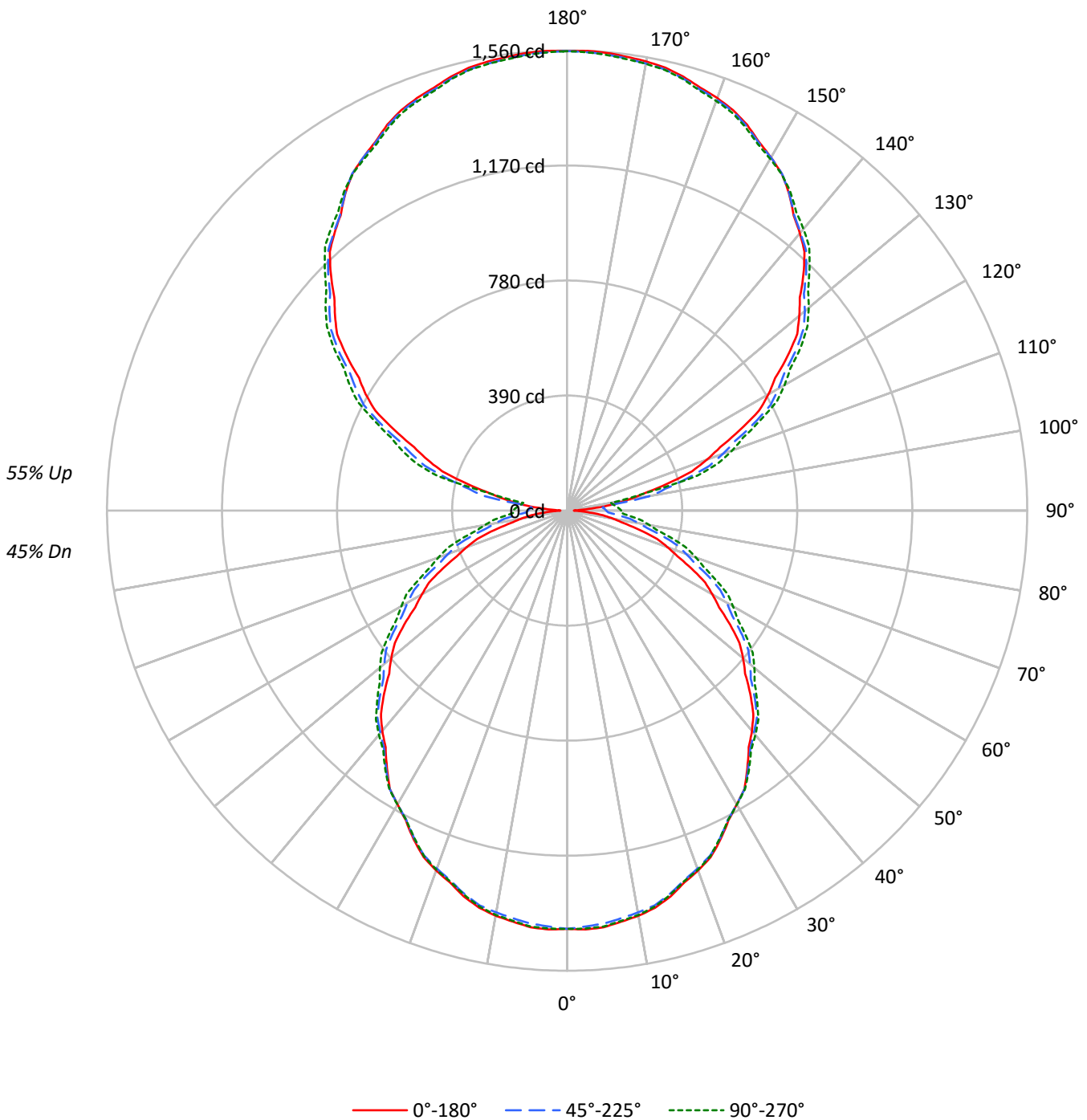
Input Watts (W): 76.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-UDD-D

Luminous Intensity Polar Plot





TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-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° | 9159 | 9159 | 9159 |
| 5° | 9177 | 8990 | 9018 |
| 10° | 9112 | 8829 | 8816 |
| 15° | 9004 | 8637 | 8558 |
| 20° | 8857 | 8400 | 8301 |
| 25° | 8683 | 8145 | 7984 |
| 30° | 8473 | 7865 | 7696 |
| 35° | 8276 | 7608 | 7432 |
| 40° | 8075 | 7338 | 7167 |
| 45° | 7849 | 7106 | 6931 |
| 50° | 7633 | 6854 | 6723 |
| 55° | 7373 | 6618 | 6478 |
| 60° | 7089 | 6346 | 6229 |
| 65° | 6792 | 6064 | 5947 |
| 70° | 6457 | 5677 | 5658 |
| 75° | 5923 | 5304 | 5304 |
| 80° | 5225 | 4854 | 4918 |
| 85° | 4578 | 4550 | 4797 |



TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-UDD-D

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 134.1 | 1.5 |
| 10°-20° | 380.7 | 4.1 |
| 20°-30° | 566.1 | 6.2 |
| 30°-40° | 670.6 | 7.3 |
| 40°-50° | 693.3 | 7.6 |
| 50°-60° | 638.7 | 7.0 |
| 60°-70° | 516.3 | 5.6 |
| 70°-80° | 345.7 | 3.8 |
| 80°-90° | 182.5 | 2.0 |
| 90°-100° | 157.2 | 1.7 |
| 100°-110° | 423.0 | 4.6 |
| 110°-120° | 682.4 | 7.4 |
| 120°-130° | 840.1 | 9.2 |
| 130°-140° | 885.6 | 9.6 |
| 140°-150° | 822.2 | 9.0 |
| 150°-160° | 663.1 | 7.2 |
| 160°-170° | 428.8 | 4.7 |
| 170°-180° | 147.9 | 1.6 |
| 0°-30° | 1080.9 | 11.8 |
| 0°-40° | 1751.4 | 19.1 |
| 0°-60° | 3083.4 | 33.6 |
| 0°-90° | 4127.9 | 45.0 |
| 90°-120° | 1262.6 | 13.8 |
| 90°-150° | 3810.5 | 41.5 |
| 90°-180° | 5050.0 | 55.0 |
| 0°-180° | 9178.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1418 | 1418 | 1418 | 1418 | 1418 | |
| 5° | 1418 | 1415 | 1406 | 1416 | 1415 | 134 |
| 15° | 1354 | 1355 | 1346 | 1353 | 1348 | 381 |
| 25° | 1230 | 1234 | 1226 | 1231 | 1225 | 566 |
| 35° | 1065 | 1074 | 1070 | 1074 | 1075 | 666 |
| 45° | 877 | 892 | 900 | 909 | 911 | 677 |
| 55° | 674 | 696 | 719 | 734 | 740 | 603 |
| 65° | 464 | 496 | 530 | 550 | 556 | 461 |
| 75° | 256 | 292 | 336 | 363 | 371 | 271 |
| 85° | 76 | 123 | 171 | 201 | 213 | 81 |
| 90° | 23 | 77 | 132 | 169 | 183 | 18 |
| 95° | 84 | 115 | 120 | 155 | 166 | 98 |
| 105° | 352 | 380 | 420 | 447 | 457 | 373 |
| 115° | 646 | 662 | 698 | 718 | 720 | 640 |
| 125° | 912 | 920 | 946 | 963 | 968 | 814 |
| 135° | 1133 | 1139 | 1146 | 1161 | 1162 | 873 |
| 145° | 1312 | 1313 | 1313 | 1320 | 1320 | 820 |
| 155° | 1443 | 1437 | 1439 | 1441 | 1433 | 665 |
| 165° | 1523 | 1516 | 1517 | 1523 | 1515 | 430 |
| 175° | 1558 | 1551 | 1552 | 1560 | 1550 | 148 |
| 180° | 1558 | 1558 | 1558 | 1558 | 1558 | |



TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-UDD-D

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 |
| 2.5° | 1421.4 | 1420.9 | 1420.4 | 1420.0 | 1419.4 | 1418.4 | 1416.6 | 1414.9 | 1413.2 | 1411.4 | 1413.2 |
| 5° | 1418.1 | 1417.5 | 1416.8 | 1416.2 | 1415.6 | 1414.3 | 1412.0 | 1409.9 | 1407.7 | 1405.6 | 1408.0 |
| 7.5° | 1405.6 | 1405.3 | 1405.1 | 1404.8 | 1404.6 | 1403.4 | 1401.1 | 1398.9 | 1396.7 | 1394.5 | 1396.6 |
| 10° | 1394.5 | 1394.5 | 1394.5 | 1394.5 | 1394.5 | 1393.2 | 1390.7 | 1388.3 | 1385.8 | 1383.3 | 1385.5 |
| 12.5° | 1378.9 | 1379.1 | 1379.4 | 1379.7 | 1379.8 | 1379.0 | 1377.1 | 1375.0 | 1373.1 | 1371.1 | 1372.8 |
| 15° | 1354.2 | 1354.4 | 1354.8 | 1355.0 | 1355.4 | 1354.4 | 1352.3 | 1350.1 | 1348.0 | 1345.8 | 1347.6 |
| 17.5° | 1321.9 | 1322.5 | 1323.1 | 1323.7 | 1324.4 | 1323.6 | 1321.4 | 1319.3 | 1317.1 | 1314.9 | 1316.3 |
| 20° | 1298.5 | 1299.1 | 1299.8 | 1300.4 | 1301.0 | 1300.2 | 1298.1 | 1295.9 | 1293.7 | 1291.6 | 1292.5 |
| 22.5° | 1271.8 | 1272.9 | 1274.1 | 1275.1 | 1276.3 | 1275.6 | 1273.2 | 1270.8 | 1268.4 | 1266.0 | 1267.1 |
| 25° | 1230.4 | 1231.4 | 1232.3 | 1233.1 | 1234.1 | 1233.7 | 1231.8 | 1229.9 | 1228.1 | 1226.2 | 1227.4 |
| 27.5° | 1184.3 | 1185.6 | 1187.0 | 1188.3 | 1189.7 | 1189.3 | 1187.2 | 1185.1 | 1183.0 | 1180.9 | 1181.8 |
| 30° | 1149.8 | 1151.6 | 1153.4 | 1155.3 | 1157.2 | 1157.2 | 1155.3 | 1153.4 | 1151.6 | 1149.8 | 1150.4 |
| 32.5° | 1118.7 | 1120.3 | 1121.9 | 1123.5 | 1125.1 | 1125.2 | 1123.8 | 1122.5 | 1121.1 | 1119.7 | 1120.3 |
| 35° | 1065.0 | 1067.1 | 1069.3 | 1071.5 | 1073.6 | 1074.2 | 1073.3 | 1072.4 | 1071.5 | 1070.5 | 1071.5 |
| 37.5° | 1011.3 | 1013.3 | 1015.2 | 1017.3 | 1019.2 | 1020.0 | 1019.8 | 1019.4 | 1019.1 | 1018.8 | 1020.0 |
| 40° | 974.6 | 977.0 | 979.5 | 982.0 | 984.4 | 985.5 | 985.3 | 984.9 | 984.6 | 984.4 | 985.5 |
| 42.5° | 934.5 | 937.7 | 940.9 | 944.1 | 947.4 | 949.3 | 950.0 | 950.7 | 951.4 | 952.1 | 953.5 |
| 45° | 877.3 | 880.7 | 884.0 | 887.4 | 890.8 | 893.3 | 894.9 | 896.4 | 898.0 | 899.5 | 901.7 |
| 47.5° | 818.6 | 821.7 | 824.9 | 828.0 | 831.2 | 834.1 | 836.8 | 839.5 | 842.0 | 844.7 | 847.9 |
| 50° | 778.6 | 781.9 | 785.3 | 788.7 | 792.2 | 795.6 | 799.0 | 802.4 | 805.7 | 809.1 | 812.5 |
| 52.5° | 736.3 | 740.5 | 744.6 | 748.7 | 752.9 | 757.0 | 761.2 | 765.3 | 769.4 | 773.6 | 777.2 |
| 55° | 674.3 | 679.2 | 684.2 | 689.1 | 694.0 | 699.0 | 703.9 | 708.9 | 713.8 | 718.8 | 722.2 |
| 57.5° | 610.9 | 616.8 | 622.8 | 628.7 | 634.6 | 640.4 | 646.1 | 651.8 | 657.5 | 663.2 | 667.1 |
| 60° | 568.6 | 574.8 | 580.9 | 587.2 | 593.3 | 599.5 | 605.7 | 611.9 | 618.0 | 624.2 | 628.8 |
| 62.5° | 527.4 | 533.7 | 539.8 | 546.0 | 552.1 | 558.7 | 565.3 | 571.9 | 578.6 | 585.3 | 590.4 |
| 65° | 464.3 | 471.4 | 478.6 | 485.7 | 492.8 | 500.1 | 507.5 | 514.9 | 522.3 | 529.7 | 534.3 |
| 67.5° | 404.8 | 411.7 | 418.6 | 425.4 | 432.3 | 439.5 | 447.0 | 454.6 | 462.1 | 469.7 | 475.3 |
| 70° | 361.5 | 368.5 | 375.7 | 382.8 | 389.9 | 397.4 | 405.5 | 413.6 | 421.6 | 429.6 | 435.5 |
| 72.5° | 319.2 | 326.5 | 333.9 | 341.3 | 348.7 | 356.7 | 365.4 | 374.3 | 383.0 | 391.8 | 398.1 |
| 75° | 255.8 | 263.9 | 271.9 | 279.9 | 287.9 | 296.9 | 306.7 | 316.6 | 326.5 | 336.4 | 342.6 |
| 77.5° | 194.9 | 204.2 | 213.5 | 222.7 | 232.0 | 241.4 | 250.9 | 260.4 | 269.9 | 279.5 | 286.2 |
| 80° | 157.1 | 166.4 | 175.7 | 184.9 | 194.2 | 204.0 | 214.5 | 225.1 | 235.6 | 246.1 | 252.9 |
| 82.5° | 122.6 | 132.4 | 142.1 | 151.9 | 161.7 | 171.9 | 182.7 | 193.4 | 204.2 | 214.9 | 221.5 |
| 85° | 76.5 | 86.7 | 96.8 | 107.1 | 117.3 | 127.8 | 138.6 | 149.4 | 160.2 | 171.0 | 177.8 |
| 87.5° | 43.6 | 53.9 | 64.2 | 74.5 | 84.8 | 95.4 | 106.2 | 117.1 | 128.0 | 138.8 | 146.2 |
| 90° | 23.4 | 35.3 | 47.3 | 59.2 | 71.2 | 83.3 | 95.6 | 107.9 | 120.2 | 132.5 | 140.9 |
| 92.5° | 37.8 | 45.5 | 53.2 | 60.9 | 68.7 | 78.6 | 91.0 | 103.3 | 115.7 | 128.0 | 136.2 |
| 95° | 83.9 | 91.1 | 98.4 | 105.7 | 112.9 | 116.9 | 117.7 | 118.4 | 119.2 | 119.9 | 128.0 |
| 97.5° | 153.8 | 162.4 | 171.0 | 179.7 | 188.2 | 188.0 | 178.8 | 169.7 | 160.5 | 151.3 | 150.6 |
| 100° | 208.1 | 215.3 | 222.7 | 229.9 | 237.1 | 246.2 | 257.2 | 268.0 | 278.9 | 289.9 | 258.2 |
| 102.5° | 263.3 | 270.3 | 277.2 | 284.3 | 291.2 | 299.8 | 310.0 | 320.3 | 330.6 | 340.8 | 339.8 |
| 105° | 352.0 | 357.9 | 363.9 | 369.9 | 375.9 | 383.4 | 392.7 | 402.0 | 411.3 | 420.5 | 426.7 |
| 107.5° | 444.0 | 448.3 | 452.5 | 456.6 | 460.8 | 467.6 | 477.1 | 486.4 | 495.9 | 505.2 | 511.5 |
| 110° | 503.9 | 507.6 | 511.3 | 515.0 | 518.7 | 525.1 | 534.3 | 543.5 | 552.6 | 561.8 | 566.9 |



TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 561.2 | 564.7 | 568.3 | 571.9 | 575.5 | 581.6 | 590.3 | 599.1 | 607.8 | 616.4 | 621.1 |
| 115° | 645.7 | 649.1 | 652.6 | 655.9 | 659.4 | 665.3 | 673.6 | 681.9 | 690.2 | 698.5 | 703.0 |
| 117.5° | 733.2 | 734.5 | 735.9 | 737.3 | 738.6 | 743.6 | 752.2 | 760.7 | 769.4 | 777.9 | 781.9 |
| 120° | 788.5 | 789.3 | 789.9 | 790.6 | 791.2 | 795.5 | 803.4 | 811.3 | 819.1 | 827.1 | 831.8 |
| 122.5° | 836.4 | 837.9 | 839.2 | 840.6 | 842.0 | 846.3 | 853.5 | 860.8 | 868.0 | 875.2 | 879.8 |
| 125° | 911.9 | 913.4 | 914.8 | 916.3 | 917.8 | 921.7 | 927.8 | 934.0 | 940.2 | 946.4 | 950.3 |
| 127.5° | 982.8 | 983.7 | 984.7 | 985.7 | 986.7 | 989.6 | 994.5 | 999.4 | 1004.3 | 1009.2 | 1013.3 |
| 130° | 1027.1 | 1028.1 | 1029.0 | 1030.0 | 1031.0 | 1033.8 | 1038.3 | 1042.9 | 1047.5 | 1052.1 | 1055.6 |
| 132.5° | 1070.3 | 1071.7 | 1073.2 | 1074.6 | 1076.0 | 1078.1 | 1080.9 | 1083.7 | 1086.5 | 1089.2 | 1093.4 |
| 135° | 1133.1 | 1134.3 | 1135.5 | 1136.8 | 1138.0 | 1139.4 | 1141.1 | 1142.7 | 1144.4 | 1146.0 | 1149.5 |
| 137.5° | 1190.8 | 1191.9 | 1192.9 | 1194.0 | 1195.1 | 1196.0 | 1196.5 | 1197.1 | 1197.7 | 1198.3 | 1202.0 |
| 140° | 1227.5 | 1228.1 | 1228.5 | 1229.0 | 1229.6 | 1229.8 | 1229.9 | 1229.9 | 1230.0 | 1230.0 | 1233.9 |
| 142.5° | 1261.7 | 1261.8 | 1261.8 | 1261.9 | 1261.9 | 1262.1 | 1262.6 | 1263.0 | 1263.5 | 1263.8 | 1266.9 |
| 145° | 1311.8 | 1312.0 | 1312.2 | 1312.4 | 1312.6 | 1312.7 | 1312.7 | 1312.7 | 1312.7 | 1312.7 | 1314.5 |
| 147.5° | 1354.2 | 1354.2 | 1354.1 | 1354.0 | 1353.9 | 1354.0 | 1354.2 | 1354.6 | 1354.9 | 1355.2 | 1356.0 |
| 150° | 1382.0 | 1381.4 | 1381.0 | 1380.5 | 1379.9 | 1379.9 | 1380.5 | 1381.0 | 1381.4 | 1382.0 | 1382.5 |
| 152.5° | 1408.7 | 1407.7 | 1406.5 | 1405.4 | 1404.3 | 1403.9 | 1404.4 | 1405.0 | 1405.5 | 1406.0 | 1406.5 |
| 155° | 1443.1 | 1441.6 | 1440.1 | 1438.6 | 1437.0 | 1436.5 | 1437.0 | 1437.5 | 1438.1 | 1438.6 | 1439.3 |
| 157.5° | 1469.7 | 1468.8 | 1467.8 | 1467.0 | 1466.1 | 1465.6 | 1465.6 | 1465.7 | 1465.8 | 1465.8 | 1466.6 |
| 160° | 1488.2 | 1486.7 | 1485.1 | 1483.5 | 1482.0 | 1481.4 | 1481.7 | 1481.9 | 1482.2 | 1482.5 | 1483.5 |
| 162.5° | 1503.0 | 1501.5 | 1499.9 | 1498.3 | 1496.8 | 1496.2 | 1496.5 | 1496.7 | 1496.9 | 1497.2 | 1498.6 |
| 165° | 1522.9 | 1521.3 | 1519.7 | 1518.2 | 1516.7 | 1516.0 | 1516.3 | 1516.5 | 1516.8 | 1517.1 | 1518.6 |
| 167.5° | 1537.6 | 1536.1 | 1534.5 | 1532.9 | 1531.2 | 1530.6 | 1530.8 | 1531.1 | 1531.3 | 1531.6 | 1533.5 |
| 170° | 1546.0 | 1544.2 | 1542.3 | 1540.5 | 1538.7 | 1537.9 | 1538.2 | 1538.5 | 1538.7 | 1539.0 | 1541.1 |
| 172.5° | 1551.5 | 1549.7 | 1547.9 | 1546.0 | 1544.3 | 1543.6 | 1544.1 | 1544.5 | 1545.0 | 1545.4 | 1547.3 |
| 175° | 1557.5 | 1555.9 | 1554.4 | 1552.8 | 1551.3 | 1550.7 | 1551.0 | 1551.2 | 1551.5 | 1551.7 | 1553.7 |
| 177.5° | 1560.2 | 1559.0 | 1557.8 | 1556.6 | 1555.3 | 1554.8 | 1555.1 | 1555.2 | 1555.4 | 1555.6 | 1557.1 |
| 180° | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 |



TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 | 1418.1 |
| 2.5° | 1414.9 | 1416.6 | 1418.4 | 1419.1 | 1418.8 | 1418.6 | 1418.4 | 1418.1 |
| 5° | 1410.5 | 1413.0 | 1415.5 | 1416.6 | 1416.2 | 1415.9 | 1415.6 | 1415.3 |
| 7.5° | 1398.7 | 1401.0 | 1403.1 | 1404.0 | 1403.7 | 1403.4 | 1403.1 | 1402.8 |
| 10° | 1387.7 | 1389.8 | 1392.0 | 1392.9 | 1392.6 | 1392.3 | 1392.0 | 1391.7 |
| 12.5° | 1374.4 | 1376.1 | 1377.8 | 1378.2 | 1377.4 | 1376.6 | 1375.8 | 1375.0 |
| 15° | 1349.5 | 1351.4 | 1353.2 | 1353.5 | 1352.3 | 1351.0 | 1349.8 | 1348.5 |
| 17.5° | 1317.8 | 1319.2 | 1320.6 | 1321.0 | 1320.2 | 1319.5 | 1318.8 | 1317.9 |
| 20° | 1293.4 | 1294.3 | 1295.3 | 1295.7 | 1295.7 | 1295.7 | 1295.7 | 1295.7 |
| 22.5° | 1268.4 | 1269.5 | 1270.7 | 1270.9 | 1270.2 | 1269.4 | 1268.6 | 1267.9 |
| 25° | 1228.7 | 1229.9 | 1231.2 | 1231.0 | 1229.5 | 1227.9 | 1226.4 | 1224.9 |
| 27.5° | 1182.7 | 1183.5 | 1184.4 | 1184.5 | 1183.9 | 1183.4 | 1182.9 | 1182.3 |
| 30° | 1151.0 | 1151.6 | 1152.3 | 1152.4 | 1152.1 | 1151.7 | 1151.5 | 1151.1 |
| 32.5° | 1121.0 | 1121.6 | 1122.2 | 1122.4 | 1122.0 | 1121.8 | 1121.4 | 1121.1 |
| 35° | 1072.4 | 1073.3 | 1074.2 | 1074.7 | 1074.7 | 1074.7 | 1074.7 | 1074.7 |
| 37.5° | 1021.3 | 1022.5 | 1023.8 | 1024.3 | 1024.1 | 1024.0 | 1024.0 | 1023.8 |
| 40° | 986.8 | 988.0 | 989.3 | 990.2 | 990.8 | 991.4 | 992.0 | 992.7 |
| 42.5° | 955.0 | 956.5 | 958.0 | 958.8 | 958.9 | 959.0 | 959.2 | 959.3 |
| 45° | 903.8 | 906.0 | 908.1 | 909.4 | 909.7 | 910.0 | 910.3 | 910.6 |
| 47.5° | 851.0 | 854.2 | 857.4 | 859.3 | 860.0 | 860.6 | 861.3 | 862.0 |
| 50° | 815.9 | 819.3 | 822.8 | 824.9 | 825.8 | 826.8 | 827.7 | 828.6 |
| 52.5° | 780.9 | 784.5 | 788.1 | 790.3 | 790.9 | 791.7 | 792.4 | 793.0 |
| 55° | 725.6 | 729.0 | 732.4 | 734.7 | 735.9 | 737.2 | 738.4 | 739.7 |
| 57.5° | 670.9 | 674.8 | 678.8 | 681.2 | 682.1 | 683.0 | 683.9 | 684.8 |
| 60° | 633.5 | 638.1 | 642.7 | 645.5 | 646.5 | 647.4 | 648.4 | 649.3 |
| 62.5° | 595.6 | 600.7 | 605.8 | 608.9 | 610.1 | 611.4 | 612.5 | 613.7 |
| 65° | 539.0 | 543.6 | 548.2 | 551.2 | 552.4 | 553.7 | 554.9 | 556.1 |
| 67.5° | 480.9 | 486.5 | 492.1 | 495.7 | 497.3 | 498.9 | 500.6 | 502.2 |
| 70° | 441.3 | 447.2 | 453.1 | 456.9 | 458.8 | 460.7 | 462.5 | 464.3 |
| 72.5° | 404.5 | 410.9 | 417.2 | 421.1 | 422.5 | 423.8 | 425.2 | 426.5 |
| 75° | 348.8 | 355.0 | 361.1 | 365.1 | 366.6 | 368.1 | 369.7 | 371.2 |
| 77.5° | 293.0 | 299.8 | 306.7 | 310.7 | 311.9 | 313.1 | 314.3 | 315.6 |
| 80° | 259.7 | 266.4 | 273.3 | 277.3 | 278.5 | 279.7 | 281.0 | 282.2 |
| 82.5° | 228.0 | 234.6 | 241.1 | 245.5 | 247.7 | 249.9 | 252.2 | 254.4 |
| 85° | 184.6 | 191.4 | 198.2 | 202.9 | 205.3 | 207.8 | 210.3 | 212.7 |
| 87.5° | 153.6 | 161.0 | 168.3 | 173.1 | 175.4 | 177.7 | 180.0 | 182.4 |
| 90° | 149.3 | 157.7 | 166.0 | 171.7 | 174.6 | 177.5 | 180.5 | 183.4 |
| 92.5° | 144.3 | 152.5 | 160.6 | 165.9 | 168.4 | 170.9 | 173.5 | 176.0 |
| 95° | 136.2 | 144.2 | 152.3 | 157.4 | 159.5 | 161.8 | 163.9 | 166.0 |
| 97.5° | 149.8 | 149.1 | 148.4 | 149.0 | 151.1 | 153.2 | 155.3 | 157.5 |
| 100° | 226.4 | 194.7 | 162.9 | 147.5 | 148.3 | 149.1 | 149.9 | 150.8 |
| 102.5° | 338.9 | 337.9 | 336.9 | 328.6 | 313.0 | 297.4 | 281.8 | 266.2 |
| 105° | 432.8 | 439.1 | 445.2 | 449.2 | 451.2 | 453.1 | 455.0 | 456.9 |
| 107.5° | 517.6 | 523.8 | 529.9 | 533.6 | 534.8 | 535.9 | 537.1 | 538.2 |
| 110° | 572.0 | 577.1 | 582.2 | 585.9 | 588.4 | 590.8 | 593.3 | 595.7 |



TEST NUMBER: P333480-940

CATALOG NUMBER: S125DIW-S1270D1340U940-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 625.7 | 630.4 | 635.1 | 638.3 | 640.1 | 641.9 | 643.7 | 645.5 |
| 115° | 707.5 | 712.0 | 716.6 | 719.0 | 719.3 | 719.6 | 720.0 | 720.2 |
| 117.5° | 785.8 | 789.7 | 793.6 | 796.3 | 797.7 | 799.2 | 800.6 | 802.0 |
| 120° | 836.5 | 841.2 | 846.0 | 848.6 | 849.2 | 849.8 | 850.3 | 851.0 |
| 122.5° | 884.2 | 888.7 | 893.2 | 895.6 | 896.0 | 896.3 | 896.7 | 897.1 |
| 125° | 954.2 | 958.1 | 962.1 | 964.4 | 965.2 | 965.9 | 966.7 | 967.5 |
| 127.5° | 1017.3 | 1021.3 | 1025.3 | 1027.3 | 1027.2 | 1027.0 | 1026.9 | 1026.8 |
| 130° | 1059.2 | 1062.7 | 1066.3 | 1068.2 | 1068.4 | 1068.7 | 1069.0 | 1069.3 |
| 132.5° | 1097.5 | 1101.7 | 1105.9 | 1108.0 | 1108.0 | 1108.0 | 1108.0 | 1108.0 |
| 135° | 1153.1 | 1156.5 | 1160.0 | 1161.8 | 1161.8 | 1161.8 | 1161.8 | 1161.8 |
| 137.5° | 1205.8 | 1209.5 | 1213.3 | 1215.1 | 1215.0 | 1215.0 | 1214.8 | 1214.7 |
| 140° | 1237.9 | 1241.8 | 1245.7 | 1247.5 | 1247.2 | 1246.9 | 1246.6 | 1246.3 |
| 142.5° | 1269.9 | 1272.9 | 1275.9 | 1277.2 | 1276.9 | 1276.7 | 1276.3 | 1276.0 |
| 145° | 1316.3 | 1318.1 | 1319.9 | 1320.6 | 1320.4 | 1320.1 | 1319.7 | 1319.5 |
| 147.5° | 1356.8 | 1357.6 | 1358.4 | 1358.2 | 1356.8 | 1355.6 | 1354.3 | 1353.0 |
| 150° | 1383.0 | 1383.5 | 1384.0 | 1383.4 | 1381.7 | 1379.9 | 1378.2 | 1376.4 |
| 152.5° | 1407.0 | 1407.6 | 1408.0 | 1407.4 | 1405.6 | 1403.8 | 1402.0 | 1400.3 |
| 155° | 1440.1 | 1440.8 | 1441.6 | 1441.0 | 1439.0 | 1436.9 | 1434.9 | 1432.8 |
| 157.5° | 1467.5 | 1468.3 | 1469.1 | 1468.5 | 1466.4 | 1464.4 | 1462.3 | 1460.3 |
| 160° | 1484.5 | 1485.5 | 1486.6 | 1486.0 | 1484.0 | 1481.9 | 1479.9 | 1477.8 |
| 162.5° | 1500.0 | 1501.6 | 1503.0 | 1502.5 | 1500.3 | 1498.0 | 1495.8 | 1493.5 |
| 165° | 1520.1 | 1521.7 | 1523.2 | 1523.0 | 1520.9 | 1518.9 | 1516.8 | 1514.7 |
| 167.5° | 1535.3 | 1537.1 | 1539.0 | 1538.7 | 1536.4 | 1534.2 | 1531.9 | 1529.6 |
| 170° | 1543.1 | 1545.2 | 1547.2 | 1547.1 | 1544.8 | 1542.5 | 1540.2 | 1537.8 |
| 172.5° | 1549.2 | 1551.0 | 1552.8 | 1552.6 | 1550.3 | 1548.0 | 1545.7 | 1543.4 |
| 175° | 1555.8 | 1557.8 | 1559.9 | 1559.8 | 1557.5 | 1555.1 | 1552.8 | 1550.5 |
| 177.5° | 1558.5 | 1560.0 | 1561.4 | 1561.3 | 1559.6 | 1558.0 | 1556.3 | 1554.7 |
| 180° | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 | 1557.5 |

(END OF REPORT)