

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: P333474-940

Luminaire Tested: **S125DIW-S1270D1050U940-4F0-1E-UDD-D**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333474-940
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-S1270D1050U940-4F0-1E-UDD-D
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER
UPLIGHT 1050 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8130.8 lumens
Efficiency: N/A
Efficacy: 120.6 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

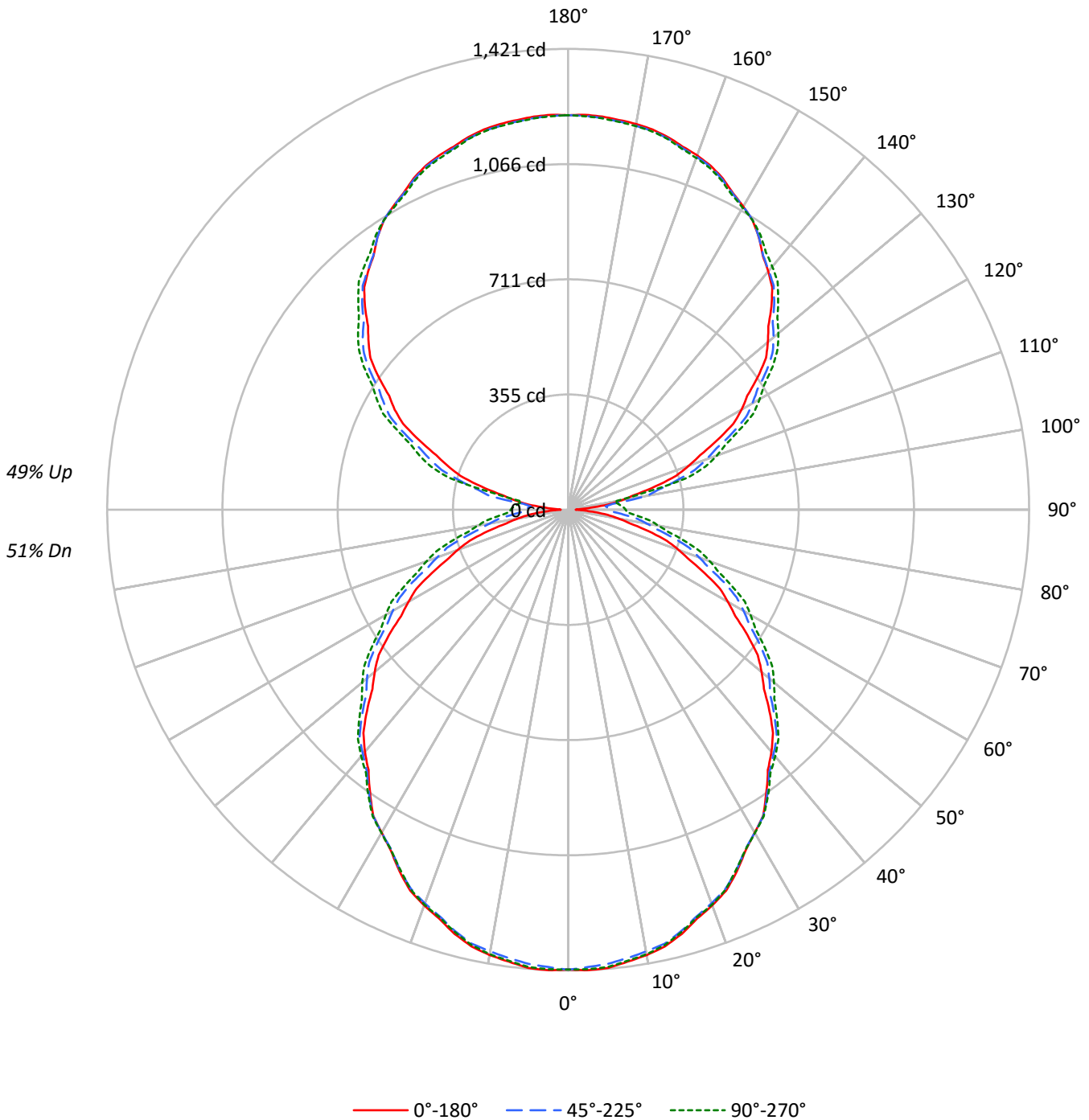
Input Watts (W): 67.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-UDD-D

Luminous Intensity Polar Plot





TEST NUMBER: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1 | 97 | 93 | 88 | 85 | 89 | 85 | 82 | 79 | 72 | 70 | 67 | 60 | 58 | 57 | 49 | 48 | 46 | 41 |
| 2 | 88 | 80 | 74 | 68 | 81 | 74 | 69 | 64 | 63 | 59 | 55 | 52 | 49 | 47 | 43 | 41 | 39 | 34 |
| 3 | 80 | 70 | 63 | 57 | 74 | 65 | 58 | 53 | 55 | 50 | 46 | 46 | 42 | 39 | 38 | 35 | 32 | 28 |
| 4 | 73 | 62 | 54 | 48 | 67 | 58 | 50 | 45 | 49 | 43 | 39 | 41 | 37 | 33 | 33 | 30 | 28 | 24 |
| 5 | 67 | 55 | 47 | 41 | 62 | 51 | 44 | 38 | 44 | 38 | 33 | 37 | 32 | 29 | 30 | 27 | 24 | 21 |
| 6 | 62 | 50 | 41 | 35 | 57 | 46 | 39 | 33 | 39 | 33 | 29 | 33 | 29 | 25 | 27 | 24 | 21 | 18 |
| 7 | 57 | 45 | 37 | 31 | 53 | 42 | 34 | 29 | 36 | 30 | 26 | 30 | 25 | 22 | 25 | 21 | 19 | 16 |
| 8 | 53 | 40 | 33 | 27 | 49 | 38 | 31 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 23 | 19 | 17 | 14 |
| 9 | 49 | 37 | 29 | 24 | 45 | 34 | 28 | 23 | 30 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |
| 10 | 46 | 34 | 27 | 22 | 43 | 32 | 25 | 20 | 27 | 22 | 18 | 23 | 19 | 16 | 19 | 16 | 14 | 12 |

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: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-UDD-D

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 134.1 | 1.6 |
| 10°-20° | 380.7 | 4.7 |
| 20°-30° | 566.1 | 7.0 |
| 30°-40° | 670.6 | 8.2 |
| 40°-50° | 693.3 | 8.5 |
| 50°-60° | 638.7 | 7.9 |
| 60°-70° | 516.3 | 6.3 |
| 70°-80° | 345.7 | 4.3 |
| 80°-90° | 181.8 | 2.2 |
| 90°-100° | 144.8 | 1.8 |
| 100°-110° | 346.7 | 4.3 |
| 110°-120° | 543.9 | 6.7 |
| 120°-130° | 662.4 | 8.1 |
| 130°-140° | 694.5 | 8.5 |
| 140°-150° | 642.8 | 7.9 |
| 150°-160° | 518.0 | 6.4 |
| 160°-170° | 335.0 | 4.1 |
| 170°-180° | 115.5 | 1.4 |
| 0°-30° | 1080.9 | 13.3 |
| 0°-40° | 1751.4 | 21.5 |
| 0°-60° | 3083.4 | 37.9 |
| 0°-90° | 4127.2 | 50.8 |
| 90°-120° | 1035.4 | 12.7 |
| 90°-150° | 3035.1 | 37.3 |
| 90°-180° | 4004.0 | 49.2 |
| 0°-180° | 8130.8 | 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 | 75 | 128 | 164 | 177 | 17 |
| 95° | 70 | 102 | 116 | 150 | 161 | 80 |
| 105° | 278 | 304 | 345 | 372 | 382 | 294 |
| 115° | 506 | 522 | 558 | 578 | 582 | 502 |
| 125° | 714 | 720 | 746 | 764 | 769 | 637 |
| 135° | 886 | 890 | 898 | 913 | 915 | 682 |
| 145° | 1025 | 1025 | 1025 | 1033 | 1033 | 640 |
| 155° | 1127 | 1122 | 1124 | 1126 | 1119 | 519 |
| 165° | 1190 | 1184 | 1185 | 1190 | 1183 | 336 |
| 175° | 1217 | 1212 | 1212 | 1218 | 1211 | 116 |
| 180° | 1217 | 1217 | 1217 | 1217 | 1217 | |



TEST NUMBER: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-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° | 43.5 | 53.8 | 63.9 | 74.2 | 84.4 | 94.9 | 105.7 | 116.5 | 127.2 | 138.0 | 145.3 |
| 90° | 23.2 | 34.6 | 46.1 | 57.6 | 69.1 | 80.8 | 92.7 | 104.6 | 116.5 | 128.4 | 136.5 |
| 92.5° | 33.9 | 41.9 | 49.9 | 58.0 | 66.0 | 76.0 | 88.0 | 100.0 | 112.0 | 123.9 | 131.9 |
| 95° | 69.5 | 77.0 | 84.4 | 91.8 | 99.2 | 104.3 | 107.3 | 110.1 | 113.1 | 115.9 | 123.7 |
| 97.5° | 123.8 | 132.1 | 140.4 | 148.6 | 156.9 | 158.6 | 153.7 | 148.8 | 143.8 | 138.9 | 139.7 |
| 100° | 165.9 | 173.0 | 180.0 | 187.2 | 194.3 | 203.1 | 213.8 | 224.5 | 235.2 | 245.9 | 222.6 |
| 102.5° | 208.8 | 215.5 | 222.3 | 229.1 | 235.9 | 244.2 | 254.4 | 264.5 | 274.6 | 284.7 | 285.3 |
| 105° | 277.7 | 283.4 | 289.2 | 294.9 | 300.6 | 308.2 | 317.4 | 326.7 | 335.9 | 345.2 | 351.4 |
| 107.5° | 349.2 | 353.4 | 357.7 | 361.9 | 366.0 | 372.7 | 382.1 | 391.4 | 400.6 | 410.0 | 416.2 |
| 110° | 395.7 | 399.4 | 403.1 | 406.9 | 410.5 | 417.0 | 426.0 | 435.1 | 444.1 | 453.2 | 458.4 |



TEST NUMBER: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 440.4 | 443.9 | 447.4 | 450.8 | 454.2 | 460.3 | 469.0 | 477.6 | 486.2 | 494.9 | 499.7 |
| 115° | 506.1 | 509.3 | 512.5 | 515.7 | 518.8 | 524.5 | 532.8 | 541.0 | 549.2 | 557.5 | 562.2 |
| 117.5° | 574.2 | 575.6 | 576.9 | 578.4 | 579.7 | 584.6 | 593.0 | 601.4 | 609.7 | 618.0 | 622.2 |
| 120° | 617.5 | 618.2 | 618.9 | 619.6 | 620.5 | 624.6 | 632.3 | 640.1 | 647.7 | 655.5 | 660.3 |
| 122.5° | 654.6 | 655.9 | 657.0 | 658.2 | 659.4 | 663.6 | 670.7 | 677.9 | 685.0 | 692.1 | 696.7 |
| 125° | 713.5 | 714.6 | 715.7 | 716.8 | 717.9 | 721.5 | 727.7 | 733.9 | 740.0 | 746.3 | 750.4 |
| 127.5° | 768.6 | 769.3 | 770.0 | 770.6 | 771.3 | 774.2 | 779.1 | 784.1 | 789.0 | 794.0 | 798.1 |
| 130° | 803.3 | 803.9 | 804.6 | 805.3 | 806.0 | 808.6 | 813.2 | 817.6 | 822.2 | 826.7 | 830.5 |
| 132.5° | 836.7 | 837.9 | 838.9 | 840.0 | 841.2 | 843.1 | 846.1 | 848.9 | 851.9 | 854.7 | 858.9 |
| 135° | 885.7 | 886.6 | 887.5 | 888.4 | 889.3 | 890.6 | 892.3 | 894.1 | 895.9 | 897.7 | 901.3 |
| 137.5° | 930.7 | 931.5 | 932.3 | 933.1 | 933.9 | 934.6 | 935.3 | 936.0 | 936.7 | 937.4 | 941.1 |
| 140° | 959.1 | 959.6 | 959.9 | 960.4 | 960.7 | 961.0 | 961.1 | 961.3 | 961.4 | 961.4 | 965.3 |
| 142.5° | 985.9 | 985.9 | 985.9 | 985.9 | 985.8 | 986.0 | 986.3 | 986.7 | 987.0 | 987.4 | 990.3 |
| 145° | 1025.0 | 1025.1 | 1025.2 | 1025.3 | 1025.4 | 1025.4 | 1025.4 | 1025.4 | 1025.4 | 1025.4 | 1027.2 |
| 147.5° | 1057.8 | 1057.8 | 1057.7 | 1057.7 | 1057.6 | 1057.7 | 1057.8 | 1058.1 | 1058.4 | 1058.5 | 1059.4 |
| 150° | 1079.5 | 1079.1 | 1078.7 | 1078.3 | 1077.9 | 1077.9 | 1078.3 | 1078.7 | 1079.1 | 1079.5 | 1080.0 |
| 152.5° | 1100.5 | 1099.6 | 1098.7 | 1097.8 | 1096.9 | 1096.7 | 1097.1 | 1097.5 | 1097.9 | 1098.2 | 1098.7 |
| 155° | 1127.3 | 1126.1 | 1124.9 | 1123.7 | 1122.5 | 1122.1 | 1122.5 | 1122.9 | 1123.3 | 1123.7 | 1124.3 |
| 157.5° | 1148.1 | 1147.4 | 1146.7 | 1145.9 | 1145.1 | 1144.9 | 1144.9 | 1144.9 | 1145.0 | 1145.0 | 1145.7 |
| 160° | 1162.5 | 1161.3 | 1160.1 | 1158.9 | 1157.7 | 1157.2 | 1157.4 | 1157.6 | 1157.8 | 1158.0 | 1158.8 |
| 162.5° | 1174.0 | 1172.9 | 1171.6 | 1170.5 | 1169.2 | 1168.7 | 1168.9 | 1169.1 | 1169.3 | 1169.5 | 1170.6 |
| 165° | 1189.5 | 1188.4 | 1187.1 | 1186.0 | 1184.7 | 1184.2 | 1184.5 | 1184.6 | 1184.8 | 1185.0 | 1186.2 |
| 167.5° | 1201.0 | 1199.9 | 1198.6 | 1197.4 | 1196.1 | 1195.6 | 1195.8 | 1196.0 | 1196.2 | 1196.4 | 1197.8 |
| 170° | 1207.6 | 1206.2 | 1204.8 | 1203.4 | 1201.9 | 1201.4 | 1201.6 | 1201.8 | 1201.9 | 1202.2 | 1203.8 |
| 172.5° | 1211.9 | 1210.5 | 1209.1 | 1207.7 | 1206.3 | 1205.8 | 1206.1 | 1206.5 | 1206.8 | 1207.2 | 1208.6 |
| 175° | 1216.6 | 1215.4 | 1214.2 | 1213.0 | 1211.7 | 1211.3 | 1211.5 | 1211.7 | 1211.9 | 1212.1 | 1213.7 |
| 177.5° | 1218.8 | 1217.8 | 1216.8 | 1215.8 | 1215.0 | 1214.5 | 1214.7 | 1214.9 | 1215.0 | 1215.1 | 1216.3 |
| 180° | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 |



TEST NUMBER: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-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° | 152.7 | 160.0 | 167.3 | 172.0 | 174.3 | 176.6 | 178.9 | 181.2 |
| 90° | 144.6 | 152.8 | 160.9 | 166.3 | 169.1 | 171.8 | 174.6 | 177.4 |
| 92.5° | 139.7 | 147.6 | 155.4 | 160.6 | 163.0 | 165.5 | 167.9 | 170.3 |
| 95° | 131.5 | 139.3 | 147.1 | 152.1 | 154.3 | 156.4 | 158.5 | 160.8 |
| 97.5° | 140.6 | 141.4 | 142.2 | 143.7 | 145.8 | 147.9 | 150.0 | 152.1 |
| 100° | 199.1 | 175.8 | 152.4 | 141.2 | 142.3 | 143.4 | 144.4 | 145.4 |
| 102.5° | 285.9 | 286.5 | 287.1 | 281.5 | 269.7 | 258.0 | 246.2 | 234.4 |
| 105° | 357.6 | 363.7 | 370.0 | 374.0 | 375.9 | 377.9 | 379.9 | 381.8 |
| 107.5° | 422.3 | 428.5 | 434.6 | 438.4 | 439.6 | 441.0 | 442.3 | 443.6 |
| 110° | 463.7 | 469.0 | 474.2 | 478.0 | 480.4 | 482.8 | 485.1 | 487.5 |



TEST NUMBER: P333474-940

CATALOG NUMBER: S125DIW-S1270D1050U940-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 504.6 | 509.4 | 514.3 | 517.6 | 519.6 | 521.5 | 523.3 | 525.2 |
| 115° | 566.9 | 571.8 | 576.5 | 579.2 | 579.9 | 580.5 | 581.1 | 581.8 |
| 117.5° | 626.5 | 630.7 | 634.9 | 637.8 | 639.4 | 641.0 | 642.6 | 644.1 |
| 120° | 665.1 | 670.0 | 674.8 | 677.7 | 678.6 | 679.4 | 680.3 | 681.1 |
| 122.5° | 701.3 | 706.0 | 710.5 | 713.2 | 713.9 | 714.6 | 715.2 | 716.0 |
| 125° | 754.6 | 758.7 | 762.8 | 765.4 | 766.3 | 767.2 | 768.2 | 769.1 |
| 127.5° | 802.2 | 806.4 | 810.5 | 812.7 | 813.0 | 813.3 | 813.6 | 814.0 |
| 130° | 834.1 | 837.9 | 841.6 | 843.7 | 844.3 | 844.8 | 845.3 | 845.9 |
| 132.5° | 863.1 | 867.4 | 871.6 | 873.8 | 874.1 | 874.4 | 874.7 | 874.9 |
| 135° | 904.9 | 908.5 | 912.1 | 914.1 | 914.4 | 914.8 | 915.1 | 915.4 |
| 137.5° | 944.9 | 948.5 | 952.3 | 954.2 | 954.4 | 954.6 | 954.8 | 955.0 |
| 140° | 969.0 | 972.9 | 976.7 | 978.6 | 978.6 | 978.7 | 978.7 | 978.7 |
| 142.5° | 993.4 | 996.3 | 999.3 | 1000.8 | 1000.9 | 1000.9 | 1000.9 | 1000.9 |
| 145° | 1028.9 | 1030.6 | 1032.4 | 1033.3 | 1033.3 | 1033.3 | 1033.4 | 1033.4 |
| 147.5° | 1060.1 | 1060.8 | 1061.5 | 1061.5 | 1060.6 | 1059.7 | 1058.8 | 1057.9 |
| 150° | 1080.3 | 1080.8 | 1081.1 | 1080.7 | 1079.4 | 1078.1 | 1076.8 | 1075.5 |
| 152.5° | 1099.0 | 1099.5 | 1099.8 | 1099.4 | 1098.0 | 1096.6 | 1095.3 | 1093.9 |
| 155° | 1124.9 | 1125.5 | 1126.1 | 1125.6 | 1124.0 | 1122.4 | 1120.8 | 1119.2 |
| 157.5° | 1146.3 | 1146.9 | 1147.5 | 1147.1 | 1145.5 | 1143.9 | 1142.3 | 1140.7 |
| 160° | 1159.6 | 1160.4 | 1161.2 | 1160.7 | 1159.2 | 1157.6 | 1156.0 | 1154.4 |
| 162.5° | 1171.8 | 1172.9 | 1174.0 | 1173.7 | 1171.9 | 1170.2 | 1168.4 | 1166.6 |
| 165° | 1187.4 | 1188.7 | 1189.8 | 1189.6 | 1188.0 | 1186.4 | 1184.8 | 1183.2 |
| 167.5° | 1199.3 | 1200.7 | 1202.2 | 1202.0 | 1200.2 | 1198.4 | 1196.6 | 1194.8 |
| 170° | 1205.4 | 1207.0 | 1208.6 | 1208.4 | 1206.7 | 1204.9 | 1203.1 | 1201.2 |
| 172.5° | 1210.1 | 1211.6 | 1213.0 | 1212.8 | 1211.0 | 1209.2 | 1207.4 | 1205.6 |
| 175° | 1215.3 | 1216.9 | 1218.5 | 1218.4 | 1216.6 | 1214.8 | 1213.0 | 1211.2 |
| 177.5° | 1217.4 | 1218.5 | 1219.7 | 1219.6 | 1218.3 | 1217.0 | 1215.8 | 1214.4 |
| 180° | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 | 1216.6 |

(END OF REPORT)