

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: P333474-830

Luminaire Tested: **S125DIW-S1270D1050U830-4F0-1E-UDD-D**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333474-830
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-S1270D1050U830-4F0-1E-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: 8594.3 lumens
Efficiency: N/A
Efficacy: 127.5 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

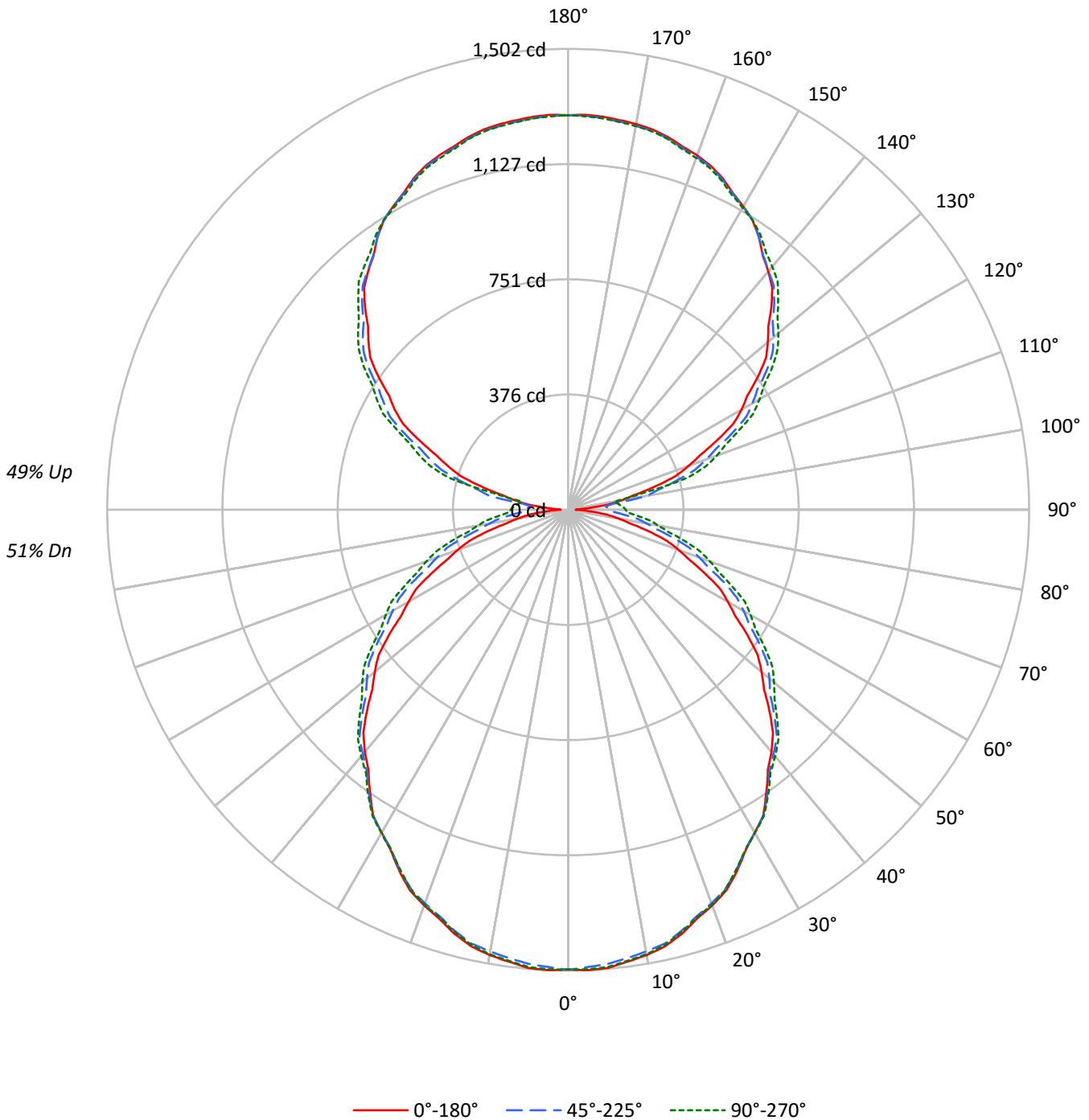
Input Watts (W): 67.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-UDD-D

Luminous Intensity Polar Plot





TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-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° | 9680 | 9680 | 9680 |
| 5° | 9700 | 9502 | 9532 |
| 10° | 9630 | 9332 | 9318 |
| 15° | 9517 | 9129 | 9046 |
| 20° | 9362 | 8878 | 8774 |
| 25° | 9178 | 8609 | 8439 |
| 30° | 8955 | 8314 | 8134 |
| 35° | 8748 | 8042 | 7856 |
| 40° | 8535 | 7756 | 7574 |
| 45° | 8297 | 7510 | 7326 |
| 50° | 8068 | 7245 | 7106 |
| 55° | 7794 | 6995 | 6847 |
| 60° | 7494 | 6708 | 6584 |
| 65° | 7180 | 6410 | 6286 |
| 70° | 6825 | 6000 | 5981 |
| 75° | 6261 | 5606 | 5607 |
| 80° | 5525 | 5130 | 5198 |
| 85° | 4842 | 4811 | 5069 |



TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-UDD-D

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 141.7 | 1.6 |
| 10°-20° | 402.4 | 4.7 |
| 20°-30° | 598.4 | 7.0 |
| 30°-40° | 708.8 | 8.2 |
| 40°-50° | 732.8 | 8.5 |
| 50°-60° | 675.1 | 7.9 |
| 60°-70° | 545.7 | 6.3 |
| 70°-80° | 365.5 | 4.3 |
| 80°-90° | 192.2 | 2.2 |
| 90°-100° | 153.1 | 1.8 |
| 100°-110° | 366.4 | 4.3 |
| 110°-120° | 574.9 | 6.7 |
| 120°-130° | 700.2 | 8.1 |
| 130°-140° | 734.1 | 8.5 |
| 140°-150° | 679.4 | 7.9 |
| 150°-160° | 547.5 | 6.4 |
| 160°-170° | 354.1 | 4.1 |
| 170°-180° | 122.1 | 1.4 |
| 0°-30° | 1142.5 | 13.3 |
| 0°-40° | 1851.2 | 21.5 |
| 0°-60° | 3259.1 | 37.9 |
| 0°-90° | 4362.5 | 50.8 |
| 90°-120° | 1094.4 | 12.7 |
| 90°-150° | 3208.1 | 37.3 |
| 90°-180° | 4232.0 | 49.2 |
| 0°-180° | 8594.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1499 | 1499 | 1499 | 1499 | 1499 | |
| 5° | 1499 | 1496 | 1486 | 1497 | 1496 | 142 |
| 15° | 1431 | 1432 | 1422 | 1430 | 1425 | 403 |
| 25° | 1300 | 1304 | 1296 | 1301 | 1295 | 598 |
| 35° | 1126 | 1135 | 1132 | 1136 | 1136 | 704 |
| 45° | 927 | 943 | 951 | 961 | 962 | 715 |
| 55° | 713 | 736 | 760 | 775 | 782 | 637 |
| 65° | 491 | 525 | 560 | 581 | 588 | 487 |
| 75° | 270 | 309 | 356 | 384 | 392 | 287 |
| 85° | 81 | 130 | 181 | 212 | 225 | 86 |
| 90° | 24 | 79 | 136 | 173 | 188 | 18 |
| 95° | 73 | 108 | 122 | 158 | 170 | 84 |
| 105° | 294 | 322 | 365 | 393 | 404 | 311 |
| 115° | 535 | 551 | 589 | 611 | 615 | 530 |
| 125° | 754 | 761 | 789 | 808 | 813 | 673 |
| 135° | 936 | 941 | 949 | 965 | 968 | 721 |
| 145° | 1084 | 1084 | 1084 | 1092 | 1092 | 677 |
| 155° | 1192 | 1186 | 1188 | 1190 | 1183 | 549 |
| 165° | 1257 | 1252 | 1252 | 1258 | 1251 | 355 |
| 175° | 1286 | 1281 | 1281 | 1288 | 1280 | 122 |
| 180° | 1286 | 1286 | 1286 | 1286 | 1286 | |



TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-UDD-D

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 |
| 2.5° | 1502.4 | 1501.9 | 1501.4 | 1500.9 | 1500.3 | 1499.2 | 1497.3 | 1495.5 | 1493.7 | 1491.9 | 1493.7 |
| 5° | 1498.9 | 1498.3 | 1497.6 | 1496.9 | 1496.3 | 1494.9 | 1492.5 | 1490.3 | 1488.0 | 1485.7 | 1488.3 |
| 7.5° | 1485.7 | 1485.4 | 1485.2 | 1484.9 | 1484.7 | 1483.4 | 1481.0 | 1478.7 | 1476.3 | 1473.9 | 1476.2 |
| 10° | 1473.9 | 1473.9 | 1473.9 | 1473.9 | 1473.9 | 1472.6 | 1470.0 | 1467.4 | 1464.8 | 1462.2 | 1464.4 |
| 12.5° | 1457.5 | 1457.7 | 1458.0 | 1458.3 | 1458.5 | 1457.6 | 1455.6 | 1453.4 | 1451.3 | 1449.3 | 1451.0 |
| 15° | 1431.3 | 1431.6 | 1432.0 | 1432.3 | 1432.7 | 1431.6 | 1429.4 | 1427.1 | 1424.8 | 1422.5 | 1424.5 |
| 17.5° | 1397.2 | 1397.9 | 1398.5 | 1399.2 | 1399.9 | 1399.0 | 1396.8 | 1394.5 | 1392.1 | 1389.9 | 1391.4 |
| 20° | 1372.5 | 1373.2 | 1373.9 | 1374.5 | 1375.2 | 1374.3 | 1372.1 | 1369.8 | 1367.4 | 1365.2 | 1366.2 |
| 22.5° | 1344.3 | 1345.5 | 1346.7 | 1347.8 | 1349.1 | 1348.3 | 1345.8 | 1343.2 | 1340.7 | 1338.1 | 1339.4 |
| 25° | 1300.5 | 1301.6 | 1302.5 | 1303.4 | 1304.5 | 1304.0 | 1302.0 | 1300.0 | 1298.1 | 1296.1 | 1297.4 |
| 27.5° | 1251.8 | 1253.2 | 1254.6 | 1256.0 | 1257.5 | 1257.1 | 1254.9 | 1252.6 | 1250.5 | 1248.2 | 1249.2 |
| 30° | 1215.3 | 1217.3 | 1219.2 | 1221.2 | 1223.1 | 1223.1 | 1221.2 | 1219.2 | 1217.3 | 1215.3 | 1216.0 |
| 32.5° | 1182.4 | 1184.1 | 1185.8 | 1187.5 | 1189.2 | 1189.3 | 1187.9 | 1186.5 | 1185.0 | 1183.6 | 1184.2 |
| 35° | 1125.7 | 1127.9 | 1130.2 | 1132.6 | 1134.8 | 1135.5 | 1134.4 | 1133.5 | 1132.6 | 1131.5 | 1132.6 |
| 37.5° | 1068.9 | 1071.0 | 1073.1 | 1075.3 | 1077.3 | 1078.2 | 1077.9 | 1077.5 | 1077.2 | 1076.9 | 1078.2 |
| 40° | 1030.1 | 1032.7 | 1035.4 | 1038.0 | 1040.6 | 1041.7 | 1041.4 | 1041.0 | 1040.8 | 1040.5 | 1041.7 |
| 42.5° | 987.8 | 991.2 | 994.6 | 998.0 | 1001.5 | 1003.4 | 1004.2 | 1004.9 | 1005.6 | 1006.4 | 1007.9 |
| 45° | 927.3 | 930.9 | 934.4 | 938.0 | 941.6 | 944.2 | 945.9 | 947.5 | 949.1 | 950.7 | 953.1 |
| 47.5° | 865.3 | 868.6 | 871.9 | 875.2 | 878.5 | 881.7 | 884.5 | 887.3 | 890.0 | 892.9 | 896.3 |
| 50° | 822.9 | 826.5 | 830.1 | 833.7 | 837.4 | 840.9 | 844.5 | 848.1 | 851.7 | 855.3 | 858.8 |
| 52.5° | 778.3 | 782.7 | 787.0 | 791.4 | 795.8 | 800.1 | 804.6 | 808.9 | 813.2 | 817.7 | 821.5 |
| 55° | 712.8 | 717.9 | 723.2 | 728.4 | 733.6 | 738.9 | 744.0 | 749.3 | 754.5 | 759.8 | 763.4 |
| 57.5° | 645.7 | 652.0 | 658.3 | 664.5 | 670.8 | 676.9 | 683.0 | 688.9 | 694.9 | 701.0 | 705.1 |
| 60° | 601.1 | 607.6 | 614.1 | 620.7 | 627.2 | 633.7 | 640.3 | 646.8 | 653.3 | 659.8 | 664.7 |
| 62.5° | 557.5 | 564.1 | 570.6 | 577.1 | 583.6 | 590.5 | 597.5 | 604.5 | 611.6 | 618.7 | 624.1 |
| 65° | 490.8 | 498.3 | 505.9 | 513.4 | 520.8 | 528.6 | 536.4 | 544.2 | 552.0 | 559.9 | 564.8 |
| 67.5° | 427.9 | 435.2 | 442.4 | 449.7 | 456.9 | 464.6 | 472.5 | 480.5 | 488.4 | 496.4 | 502.4 |
| 70° | 382.1 | 389.6 | 397.1 | 404.6 | 412.1 | 420.1 | 428.6 | 437.2 | 445.6 | 454.1 | 460.3 |
| 72.5° | 337.4 | 345.2 | 353.0 | 360.7 | 368.5 | 377.0 | 386.3 | 395.6 | 404.8 | 414.2 | 420.8 |
| 75° | 270.4 | 278.9 | 287.4 | 295.9 | 304.3 | 313.9 | 324.2 | 334.7 | 345.2 | 355.6 | 362.1 |
| 77.5° | 206.0 | 215.8 | 225.6 | 235.4 | 245.2 | 255.1 | 265.2 | 275.2 | 285.3 | 295.4 | 302.6 |
| 80° | 166.1 | 175.9 | 185.7 | 195.5 | 205.3 | 215.7 | 226.8 | 237.9 | 249.0 | 260.1 | 267.3 |
| 82.5° | 129.6 | 140.0 | 150.2 | 160.6 | 170.9 | 181.7 | 193.1 | 204.4 | 215.8 | 227.2 | 234.1 |
| 85° | 80.9 | 91.6 | 102.4 | 113.2 | 123.9 | 135.1 | 146.5 | 157.9 | 169.3 | 180.8 | 187.9 |
| 87.5° | 46.0 | 56.8 | 67.6 | 78.4 | 89.2 | 100.3 | 111.7 | 123.1 | 134.5 | 145.9 | 153.6 |
| 90° | 24.5 | 36.6 | 48.7 | 60.9 | 73.0 | 85.4 | 98.0 | 110.6 | 123.2 | 135.7 | 144.3 |
| 92.5° | 35.8 | 44.3 | 52.8 | 61.3 | 69.7 | 80.3 | 93.0 | 105.7 | 118.4 | 131.0 | 139.4 |
| 95° | 73.4 | 81.3 | 89.2 | 97.0 | 104.9 | 110.3 | 113.4 | 116.4 | 119.5 | 122.5 | 130.7 |
| 97.5° | 130.8 | 139.6 | 148.4 | 157.1 | 165.9 | 167.7 | 162.5 | 157.3 | 152.0 | 146.8 | 147.7 |
| 100° | 175.3 | 182.9 | 190.3 | 197.8 | 205.4 | 214.7 | 226.0 | 237.3 | 248.6 | 260.0 | 235.3 |
| 102.5° | 220.7 | 227.8 | 235.0 | 242.1 | 249.3 | 258.2 | 268.9 | 279.6 | 290.3 | 301.0 | 301.6 |
| 105° | 293.5 | 299.5 | 305.7 | 311.7 | 317.7 | 325.7 | 335.5 | 345.3 | 355.1 | 364.9 | 371.5 |
| 107.5° | 369.1 | 373.5 | 378.1 | 382.5 | 386.9 | 394.0 | 403.9 | 413.7 | 423.5 | 433.4 | 439.9 |
| 110° | 418.3 | 422.2 | 426.1 | 430.1 | 433.9 | 440.7 | 450.3 | 459.9 | 469.4 | 479.0 | 484.6 |



TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 465.5 | 469.2 | 472.9 | 476.5 | 480.1 | 486.5 | 495.7 | 504.8 | 514.0 | 523.1 | 528.2 |
| 115° | 535.0 | 538.4 | 541.7 | 545.1 | 548.4 | 554.4 | 563.2 | 571.8 | 580.5 | 589.3 | 594.3 |
| 117.5° | 606.9 | 608.4 | 609.8 | 611.3 | 612.7 | 617.9 | 626.8 | 635.7 | 644.4 | 653.3 | 657.7 |
| 120° | 652.7 | 653.5 | 654.2 | 655.0 | 655.8 | 660.3 | 668.4 | 676.6 | 684.7 | 692.9 | 698.0 |
| 122.5° | 691.9 | 693.2 | 694.5 | 695.7 | 697.0 | 701.4 | 709.0 | 716.5 | 724.1 | 731.6 | 736.4 |
| 125° | 754.2 | 755.4 | 756.5 | 757.6 | 758.8 | 762.6 | 769.2 | 775.7 | 782.2 | 788.8 | 793.1 |
| 127.5° | 812.4 | 813.1 | 813.9 | 814.5 | 815.3 | 818.3 | 823.5 | 828.8 | 834.0 | 839.2 | 843.6 |
| 130° | 849.0 | 849.7 | 850.5 | 851.2 | 852.0 | 854.7 | 859.5 | 864.2 | 869.0 | 873.8 | 877.8 |
| 132.5° | 884.4 | 885.6 | 886.7 | 887.9 | 889.1 | 891.2 | 894.3 | 897.3 | 900.4 | 903.4 | 907.9 |
| 135° | 936.2 | 937.2 | 938.1 | 939.1 | 940.0 | 941.3 | 943.2 | 945.1 | 947.0 | 948.9 | 952.6 |
| 137.5° | 983.7 | 984.6 | 985.4 | 986.3 | 987.1 | 987.9 | 988.6 | 989.4 | 990.0 | 990.8 | 994.8 |
| 140° | 1013.8 | 1014.3 | 1014.6 | 1015.1 | 1015.5 | 1015.8 | 1015.9 | 1016.1 | 1016.2 | 1016.2 | 1020.3 |
| 142.5° | 1042.1 | 1042.1 | 1042.1 | 1042.1 | 1042.0 | 1042.2 | 1042.5 | 1042.9 | 1043.3 | 1043.7 | 1046.8 |
| 145° | 1083.5 | 1083.5 | 1083.6 | 1083.7 | 1083.8 | 1083.8 | 1083.8 | 1083.8 | 1083.8 | 1083.8 | 1085.7 |
| 147.5° | 1118.1 | 1118.1 | 1118.0 | 1117.9 | 1117.9 | 1117.9 | 1118.1 | 1118.4 | 1118.7 | 1118.9 | 1119.7 |
| 150° | 1141.0 | 1140.7 | 1140.2 | 1139.8 | 1139.3 | 1139.3 | 1139.8 | 1140.2 | 1140.7 | 1141.0 | 1141.5 |
| 152.5° | 1163.2 | 1162.2 | 1161.3 | 1160.4 | 1159.4 | 1159.2 | 1159.6 | 1160.1 | 1160.5 | 1160.8 | 1161.3 |
| 155° | 1191.6 | 1190.3 | 1189.0 | 1187.8 | 1186.5 | 1186.1 | 1186.5 | 1186.9 | 1187.3 | 1187.8 | 1188.4 |
| 157.5° | 1213.5 | 1212.8 | 1212.0 | 1211.3 | 1210.4 | 1210.1 | 1210.1 | 1210.1 | 1210.2 | 1210.2 | 1211.0 |
| 160° | 1228.8 | 1227.5 | 1226.2 | 1224.9 | 1223.7 | 1223.1 | 1223.3 | 1223.6 | 1223.8 | 1224.0 | 1224.8 |
| 162.5° | 1241.0 | 1239.7 | 1238.4 | 1237.2 | 1235.9 | 1235.3 | 1235.6 | 1235.8 | 1236.0 | 1236.1 | 1237.4 |
| 165° | 1257.4 | 1256.1 | 1254.8 | 1253.6 | 1252.3 | 1251.7 | 1252.0 | 1252.2 | 1252.4 | 1252.5 | 1253.9 |
| 167.5° | 1269.5 | 1268.3 | 1267.0 | 1265.6 | 1264.3 | 1263.8 | 1263.9 | 1264.1 | 1264.4 | 1264.6 | 1266.1 |
| 170° | 1276.4 | 1275.0 | 1273.5 | 1272.0 | 1270.5 | 1269.9 | 1270.1 | 1270.3 | 1270.5 | 1270.7 | 1272.4 |
| 172.5° | 1281.0 | 1279.5 | 1278.0 | 1276.6 | 1275.1 | 1274.5 | 1274.9 | 1275.3 | 1275.6 | 1276.0 | 1277.5 |
| 175° | 1285.9 | 1284.7 | 1283.4 | 1282.1 | 1280.8 | 1280.3 | 1280.5 | 1280.7 | 1281.0 | 1281.2 | 1282.9 |
| 177.5° | 1288.3 | 1287.2 | 1286.2 | 1285.2 | 1284.2 | 1283.7 | 1283.9 | 1284.1 | 1284.2 | 1284.4 | 1285.6 |
| 180° | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 |



TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 |
| 2.5° | 1495.5 | 1497.3 | 1499.2 | 1500.0 | 1499.7 | 1499.5 | 1499.2 | 1498.9 |
| 5° | 1490.9 | 1493.6 | 1496.2 | 1497.3 | 1496.9 | 1496.7 | 1496.3 | 1496.0 |
| 7.5° | 1478.5 | 1480.8 | 1483.1 | 1484.0 | 1483.8 | 1483.4 | 1483.1 | 1482.7 |
| 10° | 1466.8 | 1469.0 | 1471.3 | 1472.3 | 1472.0 | 1471.7 | 1471.3 | 1471.0 |
| 12.5° | 1452.7 | 1454.5 | 1456.3 | 1456.8 | 1455.9 | 1455.1 | 1454.2 | 1453.4 |
| 15° | 1426.4 | 1428.4 | 1430.3 | 1430.7 | 1429.4 | 1428.0 | 1426.7 | 1425.4 |
| 17.5° | 1392.9 | 1394.4 | 1395.9 | 1396.3 | 1395.4 | 1394.7 | 1393.9 | 1393.1 |
| 20° | 1367.2 | 1368.1 | 1369.1 | 1369.6 | 1369.6 | 1369.6 | 1369.6 | 1369.6 |
| 22.5° | 1340.7 | 1341.9 | 1343.1 | 1343.3 | 1342.6 | 1341.8 | 1341.0 | 1340.2 |
| 25° | 1298.7 | 1300.0 | 1301.4 | 1301.2 | 1299.6 | 1297.9 | 1296.3 | 1294.7 |
| 27.5° | 1250.1 | 1250.9 | 1251.9 | 1252.1 | 1251.4 | 1250.8 | 1250.3 | 1249.7 |
| 30° | 1216.6 | 1217.3 | 1218.0 | 1218.0 | 1217.8 | 1217.4 | 1217.1 | 1216.7 |
| 32.5° | 1184.9 | 1185.5 | 1186.2 | 1186.4 | 1186.0 | 1185.7 | 1185.3 | 1185.1 |
| 35° | 1133.5 | 1134.4 | 1135.5 | 1136.0 | 1136.0 | 1136.0 | 1136.0 | 1136.0 |
| 37.5° | 1079.5 | 1080.8 | 1082.1 | 1082.7 | 1082.5 | 1082.4 | 1082.3 | 1082.1 |
| 40° | 1043.0 | 1044.3 | 1045.7 | 1046.6 | 1047.3 | 1047.9 | 1048.6 | 1049.2 |
| 42.5° | 1009.5 | 1011.1 | 1012.6 | 1013.4 | 1013.6 | 1013.7 | 1013.9 | 1014.0 |
| 45° | 955.4 | 957.6 | 959.9 | 961.2 | 961.6 | 961.9 | 962.2 | 962.5 |
| 47.5° | 899.6 | 902.9 | 906.3 | 908.2 | 909.0 | 909.6 | 910.4 | 911.2 |
| 50° | 862.4 | 866.0 | 869.7 | 871.9 | 872.9 | 873.9 | 874.9 | 875.8 |
| 52.5° | 825.4 | 829.2 | 833.0 | 835.4 | 836.0 | 836.8 | 837.5 | 838.2 |
| 55° | 766.9 | 770.5 | 774.1 | 776.6 | 777.9 | 779.2 | 780.5 | 781.8 |
| 57.5° | 709.2 | 713.3 | 717.5 | 720.0 | 721.0 | 721.9 | 722.9 | 723.9 |
| 60° | 669.6 | 674.5 | 679.4 | 682.3 | 683.3 | 684.3 | 685.3 | 686.3 |
| 62.5° | 629.5 | 634.9 | 640.4 | 643.7 | 644.9 | 646.2 | 647.4 | 648.7 |
| 65° | 569.7 | 574.6 | 579.5 | 582.6 | 583.9 | 585.2 | 586.5 | 587.8 |
| 67.5° | 508.3 | 514.3 | 520.2 | 524.0 | 525.7 | 527.4 | 529.1 | 530.8 |
| 70° | 466.5 | 472.7 | 478.9 | 483.0 | 484.9 | 486.9 | 488.9 | 490.8 |
| 72.5° | 427.5 | 434.3 | 441.0 | 445.1 | 446.6 | 448.0 | 449.4 | 450.8 |
| 75° | 368.7 | 375.2 | 381.7 | 385.9 | 387.5 | 389.1 | 390.8 | 392.4 |
| 77.5° | 309.7 | 316.9 | 324.1 | 328.4 | 329.7 | 330.9 | 332.2 | 333.6 |
| 80° | 274.5 | 281.6 | 288.9 | 293.1 | 294.4 | 295.7 | 297.0 | 298.3 |
| 82.5° | 241.0 | 248.0 | 254.9 | 259.5 | 261.8 | 264.2 | 266.6 | 268.9 |
| 85° | 195.1 | 202.3 | 209.5 | 214.4 | 217.0 | 219.6 | 222.3 | 224.8 |
| 87.5° | 161.4 | 169.1 | 176.8 | 181.8 | 184.3 | 186.7 | 189.1 | 191.5 |
| 90° | 152.9 | 161.5 | 170.0 | 175.8 | 178.7 | 181.6 | 184.5 | 187.5 |
| 92.5° | 147.7 | 156.0 | 164.3 | 169.8 | 172.3 | 174.9 | 177.5 | 180.0 |
| 95° | 139.0 | 147.2 | 155.5 | 160.8 | 163.1 | 165.3 | 167.6 | 169.9 |
| 97.5° | 148.6 | 149.5 | 150.3 | 151.9 | 154.1 | 156.4 | 158.5 | 160.8 |
| 100° | 210.5 | 185.8 | 161.1 | 149.3 | 150.4 | 151.6 | 152.6 | 153.7 |
| 102.5° | 302.2 | 302.8 | 303.5 | 297.6 | 285.1 | 272.7 | 260.2 | 247.8 |
| 105° | 378.0 | 384.5 | 391.1 | 395.3 | 397.4 | 399.4 | 401.5 | 403.6 |
| 107.5° | 446.4 | 452.9 | 459.4 | 463.4 | 464.7 | 466.1 | 467.5 | 468.9 |
| 110° | 490.1 | 495.7 | 501.2 | 505.3 | 507.7 | 510.3 | 512.7 | 515.3 |



TEST NUMBER: P333474-830

CATALOG NUMBER: S125DIW-S1270D1050U830-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 533.4 | 538.5 | 543.7 | 547.1 | 549.2 | 551.2 | 553.2 | 555.2 |
| 115° | 599.3 | 604.4 | 609.4 | 612.2 | 612.9 | 613.6 | 614.3 | 615.0 |
| 117.5° | 662.2 | 666.7 | 671.1 | 674.1 | 675.8 | 677.5 | 679.2 | 680.8 |
| 120° | 703.0 | 708.2 | 713.3 | 716.3 | 717.3 | 718.1 | 719.1 | 719.9 |
| 122.5° | 741.3 | 746.2 | 751.0 | 753.8 | 754.6 | 755.4 | 756.0 | 756.8 |
| 125° | 797.6 | 801.9 | 806.3 | 809.0 | 810.0 | 811.0 | 812.0 | 812.9 |
| 127.5° | 847.9 | 852.3 | 856.7 | 859.0 | 859.3 | 859.7 | 860.0 | 860.4 |
| 130° | 881.7 | 885.6 | 889.6 | 891.8 | 892.4 | 893.0 | 893.5 | 894.1 |
| 132.5° | 912.3 | 916.8 | 921.2 | 923.6 | 923.9 | 924.3 | 924.5 | 924.8 |
| 135° | 956.5 | 960.3 | 964.1 | 966.2 | 966.6 | 967.0 | 967.2 | 967.6 |
| 137.5° | 998.7 | 1002.6 | 1006.5 | 1008.6 | 1008.8 | 1009.0 | 1009.3 | 1009.5 |
| 140° | 1024.3 | 1028.3 | 1032.4 | 1034.3 | 1034.3 | 1034.4 | 1034.4 | 1034.4 |
| 142.5° | 1050.0 | 1053.1 | 1056.3 | 1057.8 | 1057.9 | 1057.9 | 1058.0 | 1058.0 |
| 145° | 1087.5 | 1089.4 | 1091.3 | 1092.2 | 1092.2 | 1092.2 | 1092.3 | 1092.3 |
| 147.5° | 1120.5 | 1121.2 | 1122.0 | 1122.0 | 1121.1 | 1120.1 | 1119.2 | 1118.2 |
| 150° | 1141.9 | 1142.4 | 1142.7 | 1142.3 | 1140.9 | 1139.5 | 1138.2 | 1136.8 |
| 152.5° | 1161.7 | 1162.2 | 1162.5 | 1162.1 | 1160.6 | 1159.1 | 1157.7 | 1156.2 |
| 155° | 1189.0 | 1189.7 | 1190.3 | 1189.8 | 1188.1 | 1186.4 | 1184.7 | 1183.0 |
| 157.5° | 1211.6 | 1212.3 | 1213.0 | 1212.5 | 1210.8 | 1209.1 | 1207.4 | 1205.7 |
| 160° | 1225.7 | 1226.5 | 1227.4 | 1226.9 | 1225.3 | 1223.6 | 1221.9 | 1220.2 |
| 162.5° | 1238.6 | 1239.7 | 1241.0 | 1240.6 | 1238.7 | 1236.9 | 1235.0 | 1233.1 |
| 165° | 1255.1 | 1256.4 | 1257.6 | 1257.4 | 1255.7 | 1254.1 | 1252.4 | 1250.7 |
| 167.5° | 1267.6 | 1269.1 | 1270.7 | 1270.5 | 1268.6 | 1266.7 | 1264.8 | 1262.9 |
| 170° | 1274.1 | 1275.8 | 1277.5 | 1277.3 | 1275.4 | 1273.6 | 1271.7 | 1269.7 |
| 172.5° | 1279.1 | 1280.6 | 1282.1 | 1282.0 | 1280.1 | 1278.1 | 1276.2 | 1274.3 |
| 175° | 1284.6 | 1286.3 | 1288.0 | 1287.9 | 1285.9 | 1284.0 | 1282.1 | 1280.3 |
| 177.5° | 1286.8 | 1288.0 | 1289.2 | 1289.1 | 1287.7 | 1286.4 | 1285.1 | 1283.6 |
| 180° | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 | 1285.9 |

(END OF REPORT)