

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: P333637-935

Luminaire Tested: **S125RDIP-S1270D1205U935-4F0-1E-UDD-F**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333637-935
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: S125RDIP-S1270D1205U935-4F0-1E-UDD-F
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER, REGRESSED
HOUSING
UPLIGHT 1205 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8346.9 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.11 / 1.25
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')
CIE Type: General Diffuse

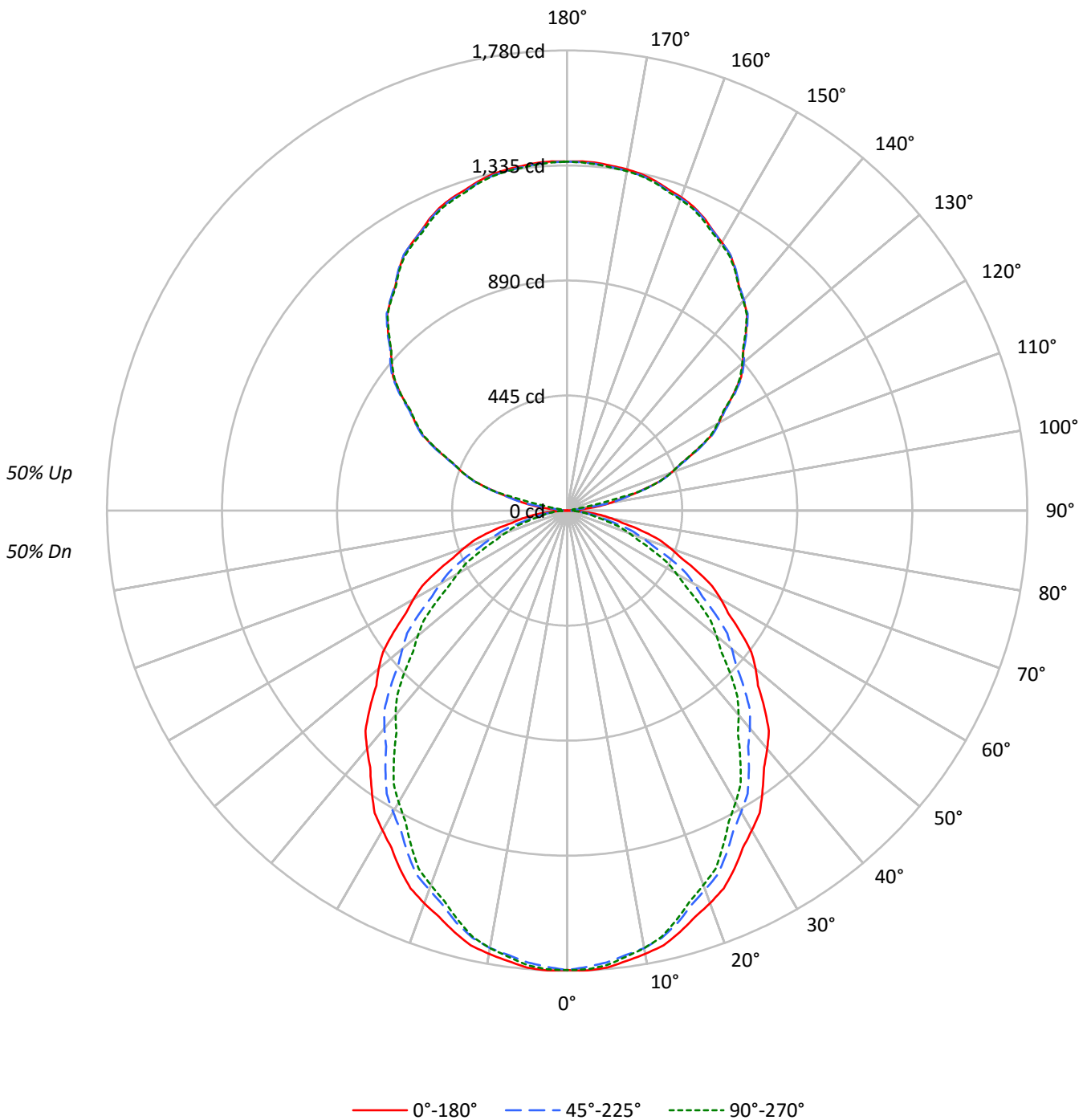
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

Luminous Intensity Polar Plot





TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

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 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |
| 1 | 98 | 94 | 90 | 87 | 90 | 87 | 84 | 81 | 74 | 71 | 69 | 61 | 60 | 58 | 50 | 49 | 48 | 43 |
| 2 | 89 | 82 | 76 | 71 | 82 | 76 | 71 | 66 | 65 | 61 | 58 | 54 | 51 | 49 | 44 | 43 | 41 | 36 |
| 3 | 82 | 72 | 65 | 59 | 75 | 67 | 61 | 56 | 57 | 52 | 49 | 48 | 45 | 42 | 40 | 37 | 35 | 31 |
| 4 | 75 | 64 | 56 | 50 | 69 | 60 | 53 | 47 | 51 | 46 | 42 | 43 | 39 | 36 | 35 | 33 | 30 | 27 |
| 5 | 69 | 57 | 49 | 43 | 63 | 53 | 46 | 41 | 46 | 40 | 36 | 39 | 34 | 31 | 32 | 29 | 26 | 23 |
| 6 | 63 | 51 | 43 | 38 | 58 | 48 | 41 | 36 | 41 | 36 | 31 | 35 | 31 | 27 | 29 | 26 | 23 | 21 |
| 7 | 59 | 47 | 39 | 33 | 54 | 43 | 36 | 31 | 37 | 32 | 28 | 32 | 28 | 24 | 27 | 23 | 21 | 18 |
| 8 | 54 | 42 | 35 | 29 | 50 | 39 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9 | 51 | 39 | 31 | 26 | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 27 | 23 | 20 | 23 | 19 | 17 | 15 |
| 10 | 47 | 35 | 28 | 24 | 44 | 33 | 27 | 22 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 11479 | 11479 | 11479 |
| 5° | 11505 | 11374 | 11444 |
| 10° | 11418 | 11269 | 11269 |
| 15° | 11282 | 11040 | 10950 |
| 20° | 11109 | 10721 | 10592 |
| 25° | 10905 | 10408 | 10178 |
| 30° | 10651 | 10041 | 9721 |
| 35° | 10394 | 9663 | 9208 |
| 40° | 10151 | 9269 | 8703 |
| 45° | 9858 | 8828 | 8153 |
| 50° | 9562 | 8349 | 7580 |
| 55° | 9221 | 7891 | 6969 |
| 60° | 8878 | 7334 | 6311 |
| 65° | 8472 | 6687 | 5559 |
| 70° | 8010 | 5880 | 4791 |
| 75° | 7369 | 4956 | 3985 |
| 80° | 6490 | 3894 | 3347 |
| 85° | 5476 | 3186 | 2986 |



TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 167.1 | 2.0 |
| 10°-20° | 467.1 | 5.6 |
| 20°-30° | 677.3 | 8.1 |
| 30°-40° | 771.9 | 9.2 |
| 40°-50° | 752.4 | 9.0 |
| 50°-60° | 633.3 | 7.6 |
| 60°-70° | 444.0 | 5.3 |
| 70°-80° | 228.2 | 2.7 |
| 80°-90° | 60.4 | 0.7 |
| 90°-100° | 49.1 | 0.6 |
| 100°-110° | 302.3 | 3.6 |
| 110°-120° | 548.3 | 6.6 |
| 120°-130° | 703.7 | 8.4 |
| 130°-140° | 756.9 | 9.1 |
| 140°-150° | 710.4 | 8.5 |
| 150°-160° | 574.7 | 6.9 |
| 160°-170° | 371.7 | 4.5 |
| 170°-180° | 128.2 | 1.5 |
| 0°-30° | 1311.5 | 15.7 |
| 0°-40° | 2083.3 | 25.0 |
| 0°-60° | 3469.1 | 41.6 |
| 0°-90° | 4201.7 | 50.3 |
| 90°-120° | 899.7 | 10.8 |
| 90°-150° | 3070.7 | 36.8 |
| 90°-180° | 4145.0 | 49.7 |
| 0°-180° | 8346.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1777 | 1777 | 1777 | 1777 | 1777 | |
| 5° | 1775 | 1769 | 1754 | 1767 | 1765 | 168 |
| 15° | 1687 | 1678 | 1651 | 1649 | 1638 | 475 |
| 25° | 1530 | 1509 | 1460 | 1443 | 1428 | 704 |
| 35° | 1318 | 1284 | 1226 | 1188 | 1168 | 825 |
| 45° | 1079 | 1038 | 967 | 915 | 893 | 832 |
| 55° | 819 | 774 | 701 | 642 | 619 | 732 |
| 65° | 554 | 507 | 438 | 386 | 364 | 549 |
| 75° | 295 | 254 | 199 | 170 | 160 | 313 |
| 85° | 74 | 51 | 43 | 42 | 40 | 83 |
| 90° | 1 | 9 | 16 | 21 | 24 | 6 |
| 95° | 57 | 52 | 16 | 21 | 21 | 73 |
| 105° | 294 | 298 | 298 | 298 | 297 | 312 |
| 115° | 552 | 557 | 558 | 554 | 548 | 547 |
| 125° | 786 | 792 | 792 | 789 | 786 | 701 |
| 135° | 980 | 985 | 984 | 981 | 976 | 755 |
| 145° | 1136 | 1138 | 1138 | 1138 | 1133 | 710 |
| 155° | 1251 | 1245 | 1247 | 1249 | 1242 | 576 |
| 165° | 1320 | 1314 | 1315 | 1320 | 1313 | 373 |
| 175° | 1350 | 1344 | 1345 | 1352 | 1344 | 128 |
| 180° | 1350 | 1350 | 1350 | 1350 | 1350 | |



TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 |
| 2.5° | 1780.5 | 1779.9 | 1779.1 | 1778.4 | 1777.7 | 1776.2 | 1773.7 | 1771.3 | 1769.0 | 1766.6 | 1769.0 |
| 5° | 1774.7 | 1773.5 | 1772.3 | 1771.1 | 1769.9 | 1767.6 | 1764.4 | 1761.1 | 1757.8 | 1754.5 | 1757.5 |
| 7.5° | 1757.2 | 1756.1 | 1755.0 | 1753.8 | 1752.7 | 1750.2 | 1746.2 | 1742.2 | 1738.4 | 1734.4 | 1736.5 |
| 10° | 1741.1 | 1740.2 | 1739.3 | 1738.4 | 1737.5 | 1735.0 | 1730.8 | 1726.6 | 1722.4 | 1718.3 | 1719.2 |
| 12.5° | 1722.9 | 1721.7 | 1720.5 | 1719.4 | 1718.3 | 1714.9 | 1709.3 | 1703.7 | 1698.1 | 1692.5 | 1693.2 |
| 15° | 1687.4 | 1685.6 | 1683.9 | 1682.0 | 1680.2 | 1676.2 | 1669.9 | 1663.7 | 1657.4 | 1651.1 | 1650.9 |
| 17.5° | 1647.4 | 1644.7 | 1641.9 | 1639.2 | 1636.4 | 1631.1 | 1623.2 | 1615.3 | 1607.5 | 1599.6 | 1598.1 |
| 20° | 1616.3 | 1613.3 | 1610.2 | 1607.3 | 1604.3 | 1598.0 | 1588.5 | 1579.0 | 1569.4 | 1559.9 | 1558.4 |
| 22.5° | 1581.9 | 1578.9 | 1575.9 | 1573.0 | 1569.9 | 1563.5 | 1553.4 | 1543.4 | 1533.4 | 1523.4 | 1520.4 |
| 25° | 1530.3 | 1525.9 | 1521.4 | 1516.9 | 1512.4 | 1504.7 | 1493.7 | 1482.6 | 1471.5 | 1460.5 | 1456.6 |
| 27.5° | 1471.3 | 1465.9 | 1460.4 | 1455.0 | 1449.6 | 1441.0 | 1429.1 | 1417.3 | 1405.5 | 1393.7 | 1388.3 |
| 30° | 1428.3 | 1422.6 | 1416.9 | 1411.4 | 1405.7 | 1396.5 | 1384.0 | 1371.5 | 1358.9 | 1346.4 | 1339.5 |
| 32.5° | 1386.5 | 1379.8 | 1373.2 | 1366.6 | 1359.9 | 1350.2 | 1337.5 | 1324.7 | 1311.9 | 1299.2 | 1291.6 |
| 35° | 1318.3 | 1311.0 | 1303.9 | 1296.8 | 1289.6 | 1279.3 | 1265.8 | 1252.5 | 1239.1 | 1225.6 | 1216.9 |
| 37.5° | 1251.4 | 1242.7 | 1234.0 | 1225.3 | 1216.5 | 1205.2 | 1191.5 | 1177.6 | 1163.7 | 1149.9 | 1139.5 |
| 40° | 1204.1 | 1195.2 | 1186.2 | 1177.2 | 1168.4 | 1156.7 | 1142.4 | 1128.1 | 1113.7 | 1099.4 | 1088.1 |
| 42.5° | 1154.8 | 1145.6 | 1136.3 | 1127.1 | 1118.0 | 1106.0 | 1091.2 | 1076.4 | 1061.6 | 1046.8 | 1036.0 |
| 45° | 1079.3 | 1070.7 | 1062.0 | 1053.3 | 1044.7 | 1032.2 | 1015.7 | 999.4 | 982.9 | 966.6 | 954.6 |
| 47.5° | 1001.2 | 992.0 | 982.9 | 973.8 | 964.7 | 951.8 | 935.3 | 918.8 | 902.2 | 885.7 | 873.4 |
| 50° | 951.7 | 941.9 | 932.0 | 922.2 | 912.4 | 899.0 | 881.9 | 865.0 | 847.9 | 831.0 | 818.4 |
| 52.5° | 898.0 | 887.9 | 877.9 | 867.8 | 857.7 | 844.6 | 828.6 | 812.6 | 796.5 | 780.5 | 767.0 |
| 55° | 818.9 | 809.3 | 799.8 | 790.2 | 780.7 | 767.6 | 750.9 | 734.2 | 717.5 | 700.8 | 687.3 |
| 57.5° | 738.8 | 728.7 | 718.4 | 708.3 | 698.0 | 684.9 | 668.8 | 652.6 | 636.5 | 620.4 | 607.3 |
| 60° | 687.3 | 676.8 | 666.4 | 656.0 | 645.6 | 632.2 | 616.1 | 600.0 | 583.9 | 567.8 | 554.7 |
| 62.5° | 632.6 | 622.6 | 612.6 | 602.6 | 592.7 | 579.5 | 563.2 | 546.8 | 530.5 | 514.1 | 502.0 |
| 65° | 554.4 | 544.2 | 534.2 | 524.0 | 513.8 | 500.8 | 485.1 | 469.2 | 453.4 | 437.6 | 425.7 |
| 67.5° | 476.8 | 466.7 | 456.5 | 446.4 | 436.3 | 423.6 | 408.5 | 393.3 | 378.2 | 363.0 | 352.1 |
| 70° | 424.2 | 414.1 | 403.9 | 393.7 | 383.7 | 371.1 | 356.2 | 341.3 | 326.3 | 311.4 | 302.2 |
| 72.5° | 372.6 | 362.7 | 352.8 | 342.9 | 333.0 | 321.1 | 307.1 | 293.2 | 279.2 | 265.3 | 256.8 |
| 75° | 295.3 | 286.4 | 277.4 | 268.5 | 259.5 | 248.8 | 236.3 | 223.8 | 211.2 | 198.6 | 192.1 |
| 77.5° | 218.5 | 211.4 | 204.2 | 197.1 | 189.9 | 181.3 | 171.3 | 161.3 | 151.3 | 141.2 | 136.6 |
| 80° | 174.5 | 167.4 | 160.2 | 153.0 | 145.9 | 138.1 | 129.8 | 121.4 | 113.0 | 104.7 | 102.0 |
| 82.5° | 131.6 | 125.1 | 118.6 | 112.2 | 105.8 | 99.7 | 93.9 | 88.3 | 82.5 | 76.8 | 75.5 |
| 85° | 73.9 | 68.4 | 63.1 | 57.7 | 52.3 | 48.9 | 47.4 | 46.0 | 44.4 | 43.0 | 42.6 |
| 87.5° | 24.9 | 23.6 | 22.3 | 20.9 | 19.6 | 19.0 | 19.1 | 19.2 | 19.2 | 19.3 | 19.5 |
| 90° | 1.0 | 2.8 | 4.6 | 6.4 | 8.1 | 9.8 | 11.4 | 12.9 | 14.5 | 16.0 | 17.1 |
| 92.5° | 15.4 | 14.2 | 12.9 | 11.7 | 10.4 | 10.5 | 11.9 | 13.3 | 14.6 | 16.0 | 17.1 |
| 95° | 57.0 | 56.4 | 55.7 | 55.0 | 54.3 | 49.9 | 41.3 | 32.9 | 24.5 | 16.0 | 17.1 |
| 97.5° | 119.1 | 120.3 | 121.5 | 122.7 | 123.9 | 116.1 | 99.4 | 82.7 | 66.0 | 49.2 | 43.0 |
| 100° | 167.1 | 167.8 | 168.4 | 169.1 | 169.8 | 170.6 | 171.4 | 172.4 | 173.2 | 174.1 | 140.9 |
| 102.5° | 215.9 | 216.8 | 217.7 | 218.4 | 219.3 | 220.0 | 220.5 | 221.1 | 221.6 | 222.1 | 215.9 |
| 105° | 294.2 | 295.1 | 295.9 | 296.9 | 297.7 | 298.2 | 298.2 | 298.2 | 298.2 | 298.2 | 298.2 |
| 107.5° | 375.5 | 375.5 | 375.5 | 375.5 | 375.5 | 375.7 | 376.1 | 376.5 | 377.0 | 377.5 | 377.5 |
| 110° | 428.3 | 428.3 | 428.3 | 428.3 | 428.3 | 428.5 | 429.0 | 429.4 | 429.8 | 430.2 | 429.6 |



TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 477.9 | 478.5 | 479.0 | 479.5 | 480.0 | 480.4 | 480.7 | 481.0 | 481.2 | 481.5 | 480.7 |
| 115° | 552.3 | 553.5 | 554.6 | 555.7 | 556.8 | 557.5 | 557.7 | 557.9 | 558.1 | 558.4 | 557.5 |
| 117.5° | 629.4 | 629.4 | 629.3 | 629.3 | 629.2 | 629.6 | 630.5 | 631.3 | 632.1 | 633.0 | 631.9 |
| 120° | 677.4 | 677.2 | 677.0 | 676.7 | 676.6 | 676.7 | 677.4 | 678.1 | 678.7 | 679.4 | 679.0 |
| 122.5° | 719.9 | 720.7 | 721.5 | 722.4 | 723.2 | 723.8 | 724.1 | 724.4 | 724.8 | 725.0 | 724.6 |
| 125° | 785.5 | 787.0 | 788.6 | 790.1 | 791.7 | 792.5 | 792.5 | 792.5 | 792.5 | 792.5 | 791.6 |
| 127.5° | 848.2 | 849.3 | 850.3 | 851.4 | 852.6 | 853.1 | 852.9 | 852.8 | 852.6 | 852.6 | 852.0 |
| 130° | 886.6 | 887.7 | 888.8 | 889.9 | 891.0 | 891.7 | 891.9 | 892.2 | 892.3 | 892.6 | 891.9 |
| 132.5° | 925.0 | 926.3 | 927.6 | 928.8 | 930.1 | 930.6 | 930.1 | 929.5 | 929.1 | 928.6 | 928.5 |
| 135° | 979.6 | 980.9 | 982.3 | 983.6 | 985.0 | 985.4 | 985.0 | 984.6 | 984.0 | 983.6 | 983.2 |
| 137.5° | 1029.8 | 1031.0 | 1032.2 | 1033.3 | 1034.5 | 1034.8 | 1034.5 | 1034.1 | 1033.6 | 1033.3 | 1033.4 |
| 140° | 1062.6 | 1063.2 | 1063.6 | 1064.0 | 1064.5 | 1064.5 | 1064.4 | 1064.1 | 1063.9 | 1063.7 | 1064.1 |
| 142.5° | 1092.3 | 1092.5 | 1092.9 | 1093.1 | 1093.4 | 1093.6 | 1094.0 | 1094.2 | 1094.6 | 1094.9 | 1095.0 |
| 145° | 1135.7 | 1136.2 | 1136.6 | 1137.0 | 1137.5 | 1137.7 | 1137.7 | 1137.7 | 1137.7 | 1137.7 | 1138.0 |
| 147.5° | 1173.7 | 1173.6 | 1173.5 | 1173.5 | 1173.4 | 1173.5 | 1173.7 | 1174.0 | 1174.3 | 1174.6 | 1174.8 |
| 150° | 1197.7 | 1197.3 | 1196.9 | 1196.4 | 1196.0 | 1196.0 | 1196.4 | 1196.9 | 1197.3 | 1197.7 | 1198.2 |
| 152.5° | 1221.0 | 1220.0 | 1219.0 | 1218.1 | 1217.0 | 1216.8 | 1217.3 | 1217.7 | 1218.1 | 1218.6 | 1219.0 |
| 155° | 1250.8 | 1249.5 | 1248.1 | 1246.8 | 1245.4 | 1245.0 | 1245.4 | 1245.9 | 1246.4 | 1246.8 | 1247.5 |
| 157.5° | 1273.8 | 1273.0 | 1272.2 | 1271.4 | 1270.6 | 1270.2 | 1270.3 | 1270.3 | 1270.4 | 1270.4 | 1271.1 |
| 160° | 1289.9 | 1288.5 | 1287.2 | 1285.8 | 1284.5 | 1283.9 | 1284.2 | 1284.4 | 1284.6 | 1284.8 | 1285.7 |
| 162.5° | 1302.6 | 1301.3 | 1299.9 | 1298.6 | 1297.3 | 1296.8 | 1296.9 | 1297.2 | 1297.4 | 1297.6 | 1298.9 |
| 165° | 1319.8 | 1318.5 | 1317.2 | 1315.9 | 1314.5 | 1314.0 | 1314.1 | 1314.4 | 1314.6 | 1314.8 | 1316.2 |
| 167.5° | 1332.7 | 1331.3 | 1329.9 | 1328.5 | 1327.1 | 1326.5 | 1326.8 | 1327.0 | 1327.2 | 1327.5 | 1329.0 |
| 170° | 1339.9 | 1338.3 | 1336.7 | 1335.2 | 1333.6 | 1333.0 | 1333.2 | 1333.4 | 1333.6 | 1333.9 | 1335.7 |
| 172.5° | 1344.6 | 1343.1 | 1341.5 | 1340.0 | 1338.4 | 1337.8 | 1338.3 | 1338.7 | 1339.0 | 1339.5 | 1341.1 |
| 175° | 1349.9 | 1348.5 | 1347.2 | 1345.8 | 1344.5 | 1343.9 | 1344.2 | 1344.5 | 1344.6 | 1344.9 | 1346.6 |
| 177.5° | 1352.3 | 1351.2 | 1350.1 | 1349.1 | 1348.0 | 1347.6 | 1347.7 | 1347.9 | 1348.1 | 1348.2 | 1349.5 |
| 180° | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 |



TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 | 1777.4 |
| 2.5° | 1771.3 | 1773.7 | 1776.2 | 1777.2 | 1777.0 | 1776.8 | 1776.5 | 1776.2 |
| 5° | 1760.5 | 1763.5 | 1766.4 | 1767.6 | 1767.0 | 1766.4 | 1765.8 | 1765.2 |
| 7.5° | 1738.5 | 1740.7 | 1742.8 | 1743.4 | 1742.8 | 1742.1 | 1741.5 | 1740.9 |
| 10° | 1720.0 | 1721.0 | 1721.8 | 1721.8 | 1721.0 | 1720.0 | 1719.2 | 1718.3 |
| 12.5° | 1693.8 | 1694.4 | 1695.1 | 1694.8 | 1693.4 | 1692.0 | 1690.7 | 1689.3 |
| 15° | 1650.5 | 1650.3 | 1649.9 | 1648.5 | 1645.8 | 1643.1 | 1640.4 | 1637.7 |
| 17.5° | 1596.6 | 1595.1 | 1593.6 | 1591.8 | 1589.6 | 1587.3 | 1585.2 | 1582.9 |
| 20° | 1556.9 | 1555.4 | 1553.9 | 1551.8 | 1549.1 | 1546.4 | 1543.8 | 1541.1 |
| 22.5° | 1517.5 | 1514.6 | 1511.7 | 1509.1 | 1506.9 | 1504.7 | 1502.4 | 1500.3 |
| 25° | 1452.8 | 1448.9 | 1445.0 | 1441.4 | 1438.1 | 1434.9 | 1431.6 | 1428.3 |
| 27.5° | 1382.9 | 1377.4 | 1372.0 | 1367.7 | 1364.5 | 1361.3 | 1358.1 | 1355.0 |
| 30° | 1332.7 | 1325.9 | 1319.0 | 1314.2 | 1311.6 | 1308.8 | 1306.1 | 1303.5 |
| 32.5° | 1284.0 | 1276.4 | 1268.9 | 1263.3 | 1260.0 | 1256.5 | 1253.2 | 1249.7 |
| 35° | 1208.3 | 1199.6 | 1191.0 | 1184.6 | 1180.4 | 1176.2 | 1172.1 | 1167.9 |
| 37.5° | 1129.1 | 1118.8 | 1108.4 | 1101.1 | 1097.1 | 1093.0 | 1089.0 | 1084.9 |
| 40° | 1076.8 | 1065.4 | 1054.1 | 1046.6 | 1043.0 | 1039.5 | 1035.9 | 1032.3 |
| 42.5° | 1025.1 | 1014.3 | 1003.4 | 995.3 | 990.1 | 984.8 | 979.6 | 974.3 |
| 45° | 942.6 | 930.7 | 918.8 | 910.6 | 906.1 | 901.6 | 897.2 | 892.7 |
| 47.5° | 861.2 | 848.9 | 836.5 | 827.9 | 822.9 | 818.0 | 813.0 | 808.1 |
| 50° | 805.9 | 793.3 | 780.8 | 772.3 | 767.8 | 763.4 | 758.9 | 754.4 |
| 52.5° | 753.5 | 740.0 | 726.5 | 717.6 | 713.1 | 708.6 | 704.1 | 699.6 |
| 55° | 673.9 | 660.5 | 647.0 | 637.9 | 633.2 | 628.4 | 623.6 | 618.9 |
| 57.5° | 594.2 | 581.1 | 567.9 | 559.3 | 555.0 | 550.8 | 546.6 | 542.3 |
| 60° | 541.6 | 528.5 | 515.3 | 506.5 | 502.0 | 497.6 | 493.1 | 488.6 |
| 62.5° | 489.8 | 477.6 | 465.5 | 457.1 | 452.6 | 448.2 | 443.7 | 439.2 |
| 65° | 413.8 | 401.8 | 389.9 | 381.7 | 377.2 | 372.7 | 368.2 | 363.8 |
| 67.5° | 341.1 | 330.2 | 319.3 | 312.0 | 308.5 | 304.9 | 301.4 | 297.7 |
| 70° | 292.9 | 283.7 | 274.5 | 268.0 | 264.4 | 260.9 | 257.3 | 253.7 |
| 72.5° | 248.2 | 239.7 | 231.1 | 225.7 | 223.3 | 220.9 | 218.5 | 216.1 |
| 75° | 185.5 | 179.0 | 172.5 | 168.1 | 166.0 | 163.9 | 161.9 | 159.7 |
| 77.5° | 132.0 | 127.4 | 122.9 | 119.8 | 118.2 | 116.7 | 115.1 | 113.6 |
| 80° | 99.4 | 96.7 | 93.9 | 92.3 | 91.7 | 91.1 | 90.6 | 90.0 |
| 82.5° | 74.3 | 73.0 | 71.8 | 70.9 | 70.6 | 70.3 | 69.9 | 69.6 |
| 85° | 42.4 | 42.1 | 41.8 | 41.5 | 41.2 | 40.9 | 40.6 | 40.3 |
| 87.5° | 19.7 | 20.0 | 20.2 | 20.2 | 20.1 | 20.1 | 20.0 | 19.8 |
| 90° | 18.3 | 19.4 | 20.5 | 21.4 | 22.0 | 22.6 | 23.3 | 24.0 |
| 92.5° | 18.3 | 19.4 | 20.5 | 21.2 | 21.4 | 21.8 | 22.1 | 22.4 |
| 95° | 18.3 | 19.4 | 20.5 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| 97.5° | 36.7 | 30.4 | 24.1 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| 100° | 107.9 | 74.7 | 41.6 | 24.5 | 23.7 | 22.8 | 21.9 | 21.0 |
| 102.5° | 209.6 | 203.4 | 197.1 | 186.4 | 171.3 | 156.1 | 141.0 | 125.9 |
| 105° | 298.2 | 298.2 | 298.2 | 298.1 | 297.8 | 297.6 | 297.4 | 297.2 |
| 107.5° | 377.5 | 377.5 | 377.6 | 377.3 | 376.6 | 376.0 | 375.3 | 374.6 |
| 110° | 429.0 | 428.3 | 427.6 | 427.4 | 427.6 | 427.8 | 428.1 | 428.3 |



TEST NUMBER: P333637-935

CATALOG NUMBER: S125RDIP-S1270D1205U935-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 479.8 | 479.0 | 478.1 | 477.5 | 477.3 | 476.9 | 476.6 | 476.3 |
| 115° | 556.6 | 555.7 | 554.8 | 553.7 | 552.3 | 551.0 | 549.7 | 548.4 |
| 117.5° | 630.7 | 629.6 | 628.4 | 627.5 | 626.9 | 626.4 | 625.8 | 625.2 |
| 120° | 678.6 | 678.1 | 677.7 | 676.9 | 675.8 | 674.7 | 673.6 | 672.4 |
| 122.5° | 724.2 | 723.8 | 723.3 | 722.4 | 721.1 | 719.8 | 718.6 | 717.3 |
| 125° | 790.7 | 789.8 | 788.9 | 788.2 | 787.5 | 786.9 | 786.2 | 785.5 |
| 127.5° | 851.5 | 851.1 | 850.6 | 849.5 | 847.9 | 846.2 | 844.6 | 842.9 |
| 130° | 891.2 | 890.5 | 889.9 | 889.0 | 887.9 | 886.8 | 885.7 | 884.6 |
| 132.5° | 928.3 | 928.2 | 928.1 | 927.5 | 926.3 | 925.2 | 924.1 | 923.0 |
| 135° | 982.7 | 982.3 | 981.9 | 980.9 | 979.6 | 978.3 | 977.0 | 975.6 |
| 137.5° | 1033.5 | 1033.5 | 1033.6 | 1033.1 | 1031.9 | 1030.8 | 1029.6 | 1028.5 |
| 140° | 1064.5 | 1065.0 | 1065.5 | 1065.0 | 1063.7 | 1062.4 | 1061.0 | 1059.7 |
| 142.5° | 1095.1 | 1095.2 | 1095.3 | 1094.7 | 1093.3 | 1092.0 | 1090.6 | 1089.3 |
| 145° | 1138.2 | 1138.4 | 1138.6 | 1138.1 | 1136.7 | 1135.4 | 1134.0 | 1132.7 |
| 147.5° | 1175.1 | 1175.4 | 1175.6 | 1174.9 | 1173.4 | 1171.7 | 1170.2 | 1168.5 |
| 150° | 1198.7 | 1199.1 | 1199.5 | 1198.9 | 1197.1 | 1195.3 | 1193.5 | 1191.8 |
| 152.5° | 1219.4 | 1220.0 | 1220.4 | 1219.8 | 1218.1 | 1216.6 | 1215.0 | 1213.4 |
| 155° | 1248.1 | 1248.8 | 1249.5 | 1248.9 | 1247.2 | 1245.4 | 1243.5 | 1241.8 |
| 157.5° | 1271.9 | 1272.6 | 1273.2 | 1272.7 | 1270.9 | 1269.2 | 1267.4 | 1265.6 |
| 160° | 1286.6 | 1287.5 | 1288.4 | 1288.0 | 1286.2 | 1284.4 | 1282.6 | 1280.8 |
| 162.5° | 1300.1 | 1301.4 | 1302.6 | 1302.3 | 1300.3 | 1298.3 | 1296.4 | 1294.4 |
| 165° | 1317.5 | 1318.9 | 1320.2 | 1319.9 | 1318.2 | 1316.4 | 1314.6 | 1312.9 |
| 167.5° | 1330.7 | 1332.2 | 1333.9 | 1333.7 | 1331.6 | 1329.6 | 1327.7 | 1325.7 |
| 170° | 1337.4 | 1339.2 | 1341.0 | 1340.8 | 1338.9 | 1336.9 | 1334.9 | 1332.8 |
| 172.5° | 1342.6 | 1344.3 | 1345.8 | 1345.7 | 1343.7 | 1341.7 | 1339.6 | 1337.6 |
| 175° | 1348.4 | 1350.2 | 1351.9 | 1351.9 | 1349.9 | 1347.9 | 1345.8 | 1343.8 |
| 177.5° | 1350.7 | 1352.0 | 1353.2 | 1353.1 | 1351.8 | 1350.3 | 1348.8 | 1347.5 |
| 180° | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 | 1349.9 |

(END OF REPORT)