

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: P334394

Luminaire Tested: **S125RDP-S1270D930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P334394
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-32)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDP-S1270D930-4F0-1E-UDD-A
Description: DEFINE 5 REGRESSED DIRECT LED LUMINAIRE, ASYMMETRIC DIFFUSER
PENDANT/SURFACE/WALL MOUNT, 1270 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3813.0 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.21 / 1.48
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Direct

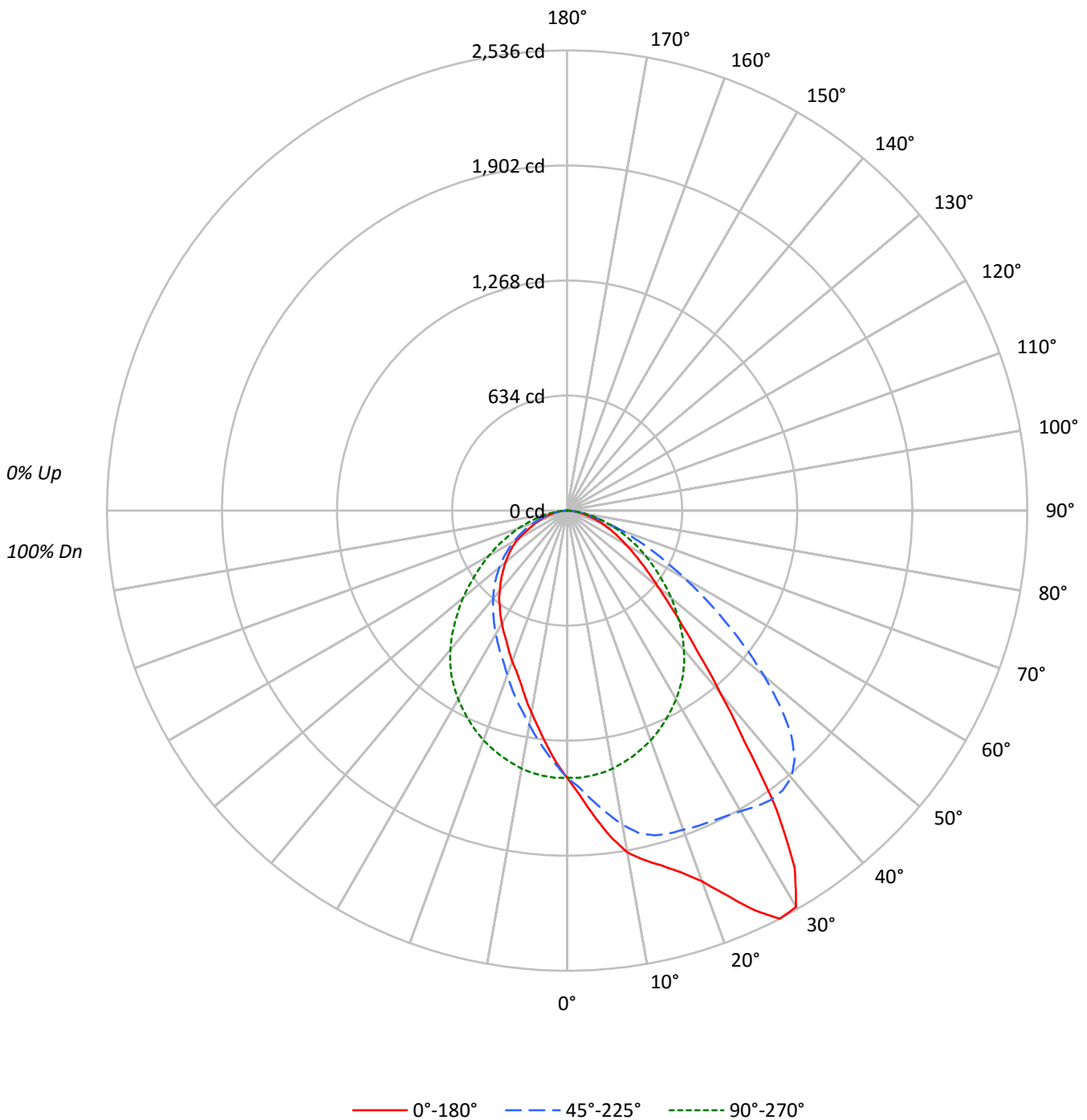
Input Watts (W): 41.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P334394

CATALOG NUMBER: S125RDP-S1270D930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P334394

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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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 110 | 106 | 102 | 98 | 107 | 103 | 100 | 97 | 99 | 96 | 94 | 95 | 93 | 91 | 92 | 90 | 88 | 86 |
| 2 | 101 | 93 | 87 | 82 | 98 | 91 | 86 | 81 | 88 | 83 | 79 | 85 | 81 | 77 | 82 | 78 | 75 | 73 |
| 3 | 92 | 83 | 75 | 69 | 90 | 81 | 74 | 69 | 78 | 72 | 67 | 76 | 70 | 66 | 73 | 69 | 65 | 63 |
| 4 | 85 | 74 | 66 | 59 | 83 | 73 | 65 | 59 | 70 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 57 | 55 |
| 5 | 79 | 66 | 58 | 52 | 77 | 65 | 57 | 51 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 48 |
| 6 | 73 | 60 | 52 | 45 | 71 | 59 | 51 | 45 | 57 | 50 | 45 | 56 | 49 | 44 | 54 | 49 | 44 | 42 |
| 7 | 68 | 55 | 46 | 40 | 66 | 54 | 46 | 40 | 52 | 45 | 40 | 51 | 44 | 40 | 50 | 44 | 39 | 37 |
| 8 | 63 | 50 | 42 | 36 | 61 | 49 | 42 | 36 | 48 | 41 | 36 | 47 | 40 | 36 | 46 | 40 | 35 | 34 |
| 9 | 59 | 46 | 38 | 33 | 58 | 45 | 38 | 33 | 44 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 |
| 10 | 55 | 42 | 35 | 30 | 54 | 42 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 29 | 39 | 33 | 29 | 28 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|------|------|
| 0° | 9505 | 9505 | 9505 |
| 5° | 10935 | 9517 | 8405 |
| 10° | 12543 | 9469 | 7416 |
| 15° | 13548 | 9371 | 6592 |
| 20° | 14939 | 9259 | 6087 |
| 25° | 17289 | 9109 | 5648 |
| 30° | 18814 | 8952 | 5361 |
| 35° | 15871 | 8769 | 5096 |
| 40° | 11083 | 8439 | 4870 |
| 45° | 8222 | 7995 | 4646 |
| 50° | 6556 | 7533 | 4455 |
| 55° | 5565 | 6959 | 4285 |
| 60° | 4806 | 6445 | 4011 |
| 65° | 4283 | 5890 | 3452 |
| 70° | 3765 | 5397 | 3148 |
| 75° | 3256 | 4674 | 2954 |
| 80° | 2473 | 3931 | 2473 |
| 85° | 2060 | 3090 | 2327 |



TEST NUMBER: P334394

CATALOG NUMBER: S125RDP-S1270D930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 141.1 | 3.7 |
| 10°-20° | 413.7 | 10.9 |
| 20°-30° | 656.0 | 17.2 |
| 30°-40° | 792.7 | 20.8 |
| 40°-50° | 705.9 | 18.5 |
| 50°-60° | 541.3 | 14.2 |
| 60°-70° | 351.5 | 9.2 |
| 70°-80° | 170.6 | 4.5 |
| 80°-90° | 40.1 | 1.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 1210.9 | 31.8 |
| 0°-40° | 2003.6 | 52.5 |
| 0°-60° | 3250.8 | 85.3 |
| 0°-90° | 3813.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3813.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1472 | 1472 | 1472 | 1472 | 1472 | |
| 5° | 1687 | 1603 | 1468 | 1334 | 1296 | 168 |
| 15° | 2026 | 1853 | 1402 | 1080 | 986 | 580 |
| 25° | 2426 | 1888 | 1278 | 869 | 793 | 1117 |
| 35° | 2013 | 1950 | 1112 | 708 | 646 | 1220 |
| 45° | 900 | 1746 | 875 | 561 | 509 | 714 |
| 55° | 494 | 1060 | 618 | 412 | 381 | 447 |
| 65° | 280 | 505 | 385 | 264 | 226 | 278 |
| 75° | 130 | 177 | 187 | 130 | 118 | 139 |
| 85° | 28 | 30 | 42 | 33 | 31 | 33 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P334394

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 |
| 2.5° | 1567.1 | 1565.9 | 1568.3 | 1561.7 | 1562.3 | 1552.0 | 1552.0 | 1544.2 | 1533.9 | 1526.0 | 1522.4 |
| 5° | 1686.7 | 1687.9 | 1685.5 | 1676.5 | 1670.4 | 1661.4 | 1651.1 | 1633.0 | 1617.9 | 1603.4 | 1591.9 |
| 7.5° | 1808.8 | 1810.0 | 1802.1 | 1800.3 | 1784.6 | 1774.9 | 1752.0 | 1728.4 | 1707.9 | 1680.7 | 1661.4 |
| 10° | 1912.7 | 1912.1 | 1903.6 | 1897.0 | 1883.7 | 1866.8 | 1844.4 | 1815.4 | 1788.2 | 1758.0 | 1729.0 |
| 12.5° | 1973.1 | 1971.3 | 1970.1 | 1961.6 | 1949.5 | 1935.0 | 1916.9 | 1888.5 | 1853.5 | 1819.6 | 1784.6 |
| 15° | 2026.3 | 2022.0 | 2014.2 | 2003.9 | 1986.4 | 1968.9 | 1947.7 | 1922.3 | 1890.3 | 1852.9 | 1821.5 |
| 17.5° | 2090.3 | 2090.9 | 2078.8 | 2067.9 | 2045.0 | 2016.0 | 1984.6 | 1945.9 | 1904.8 | 1866.8 | 1835.4 |
| 20° | 2173.7 | 2171.9 | 2159.8 | 2132.0 | 2104.8 | 2066.1 | 2028.7 | 1978.5 | 1925.4 | 1871.6 | 1829.9 |
| 22.5° | 2293.3 | 2287.8 | 2275.2 | 2236.5 | 2190.6 | 2138.0 | 2075.8 | 2011.8 | 1944.7 | 1881.9 | 1823.9 |
| 25° | 2426.2 | 2422.6 | 2397.8 | 2355.5 | 2296.3 | 2219.6 | 2144.7 | 2060.7 | 1968.3 | 1887.9 | 1821.5 |
| 27.5° | 2536.1 | 2528.9 | 2506.5 | 2466.7 | 2408.7 | 2325.9 | 2222.6 | 2113.9 | 2003.9 | 1898.2 | 1807.0 |
| 30° | 2522.9 | 2531.9 | 2529.5 | 2513.2 | 2472.1 | 2399.6 | 2306.0 | 2179.7 | 2042.6 | 1912.7 | 1798.5 |
| 32.5° | 2333.2 | 2341.0 | 2368.2 | 2412.3 | 2425.6 | 2407.5 | 2343.4 | 2229.2 | 2086.1 | 1933.8 | 1791.9 |
| 35° | 2013.0 | 2023.8 | 2064.9 | 2129.6 | 2214.1 | 2284.8 | 2299.3 | 2236.5 | 2109.0 | 1950.1 | 1785.2 |
| 37.5° | 1605.8 | 1676.5 | 1704.3 | 1770.1 | 1903.0 | 2031.7 | 2143.5 | 2168.8 | 2100.0 | 1946.5 | 1777.4 |
| 40° | 1314.6 | 1329.1 | 1390.7 | 1467.4 | 1575.0 | 1710.3 | 1888.5 | 2017.2 | 2021.4 | 1922.3 | 1752.0 |
| 42.5° | 1077.8 | 1097.1 | 1134.6 | 1192.0 | 1280.2 | 1415.5 | 1601.0 | 1781.0 | 1878.2 | 1855.9 | 1718.8 |
| 45° | 900.2 | 914.1 | 944.9 | 992.0 | 1062.7 | 1174.4 | 1332.7 | 1529.1 | 1684.9 | 1745.9 | 1654.1 |
| 47.5° | 761.2 | 768.5 | 796.9 | 834.9 | 889.3 | 973.9 | 1102.5 | 1280.2 | 1465.6 | 1589.5 | 1565.3 |
| 50° | 652.5 | 660.9 | 681.5 | 708.6 | 752.7 | 821.6 | 919.5 | 1061.5 | 1254.2 | 1414.3 | 1446.3 |
| 52.5° | 567.9 | 574.5 | 585.4 | 610.8 | 645.2 | 694.1 | 768.5 | 893.5 | 1062.1 | 1234.8 | 1319.4 |
| 55° | 494.2 | 499.0 | 509.3 | 523.8 | 552.8 | 590.8 | 659.1 | 747.9 | 888.1 | 1059.6 | 1168.4 |
| 57.5° | 431.4 | 433.8 | 439.8 | 454.3 | 475.5 | 503.8 | 555.8 | 636.8 | 738.2 | 899.6 | 1019.2 |
| 60° | 372.1 | 374.6 | 383.0 | 392.1 | 407.8 | 433.2 | 471.8 | 524.4 | 621.0 | 748.5 | 870.0 |
| 62.5° | 325.0 | 326.2 | 328.6 | 337.7 | 351.0 | 369.1 | 397.5 | 438.0 | 509.9 | 618.0 | 731.0 |
| 65° | 280.3 | 280.9 | 282.1 | 289.4 | 297.8 | 312.3 | 332.3 | 362.5 | 420.5 | 505.1 | 606.5 |
| 67.5° | 235.6 | 236.8 | 241.0 | 243.5 | 253.7 | 261.0 | 273.7 | 297.8 | 342.5 | 403.0 | 485.1 |
| 70° | 199.4 | 198.8 | 203.0 | 206.0 | 209.0 | 218.1 | 225.9 | 244.7 | 270.0 | 313.5 | 379.4 |
| 72.5° | 165.5 | 163.7 | 164.9 | 165.5 | 169.8 | 175.2 | 183.1 | 192.7 | 210.8 | 237.4 | 283.9 |
| 75° | 130.5 | 131.1 | 131.1 | 132.3 | 135.3 | 137.7 | 140.2 | 146.2 | 157.1 | 177.0 | 204.2 |
| 77.5° | 97.9 | 96.7 | 99.7 | 99.7 | 102.1 | 105.1 | 106.9 | 109.3 | 113.6 | 122.6 | 139.0 |
| 80° | 66.5 | 66.5 | 67.1 | 68.9 | 68.3 | 69.5 | 72.5 | 74.9 | 80.3 | 85.2 | 90.0 |
| 82.5° | 47.1 | 46.5 | 47.1 | 47.1 | 47.1 | 48.3 | 48.9 | 48.9 | 50.1 | 52.0 | 55.0 |
| 85° | 27.8 | 27.8 | 28.4 | 28.4 | 29.0 | 29.0 | 29.6 | 29.6 | 29.6 | 30.2 | 30.8 |
| 87.5° | 13.3 | 12.7 | 12.1 | 12.1 | 12.7 | 13.9 | 13.3 | 12.7 | 12.7 | 12.7 | 13.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P334394

CATALOG NUMBER: S125RDP-S1270D930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 |
| 2.5° | 1522.4 | 1518.2 | 1510.3 | 1503.1 | 1494.0 | 1486.2 | 1480.7 | 1474.1 | 1465.6 | 1455.4 | 1446.9 |
| 5° | 1579.2 | 1565.9 | 1548.4 | 1533.3 | 1514.0 | 1498.9 | 1483.1 | 1468.0 | 1452.9 | 1433.6 | 1416.7 |
| 7.5° | 1642.0 | 1616.1 | 1591.9 | 1560.5 | 1532.1 | 1507.3 | 1483.1 | 1458.4 | 1434.8 | 1408.2 | 1383.5 |
| 10° | 1698.8 | 1665.6 | 1628.7 | 1586.5 | 1547.8 | 1510.9 | 1477.1 | 1443.9 | 1408.8 | 1378.0 | 1344.8 |
| 12.5° | 1752.0 | 1706.7 | 1663.2 | 1607.0 | 1558.7 | 1511.5 | 1466.2 | 1422.7 | 1384.7 | 1342.4 | 1306.1 |
| 15° | 1779.8 | 1737.5 | 1690.4 | 1625.1 | 1560.5 | 1506.1 | 1455.4 | 1401.6 | 1355.1 | 1310.4 | 1270.5 |
| 17.5° | 1796.1 | 1751.4 | 1697.0 | 1633.6 | 1564.1 | 1496.4 | 1432.4 | 1375.0 | 1321.8 | 1270.5 | 1226.4 |
| 20° | 1788.8 | 1745.9 | 1689.8 | 1629.9 | 1554.4 | 1483.1 | 1412.5 | 1347.2 | 1286.2 | 1231.2 | 1183.5 |
| 22.5° | 1771.3 | 1726.6 | 1672.8 | 1608.8 | 1538.1 | 1461.4 | 1384.7 | 1314.0 | 1249.3 | 1192.0 | 1138.8 |
| 25° | 1753.8 | 1693.4 | 1637.8 | 1576.2 | 1507.9 | 1433.0 | 1355.1 | 1278.3 | 1210.1 | 1152.1 | 1095.3 |
| 27.5° | 1736.9 | 1663.8 | 1594.9 | 1535.7 | 1462.6 | 1394.9 | 1318.8 | 1239.7 | 1168.4 | 1109.8 | 1051.8 |
| 30° | 1712.1 | 1627.5 | 1549.6 | 1480.1 | 1411.9 | 1348.4 | 1277.1 | 1200.4 | 1126.7 | 1065.7 | 1006.5 |
| 32.5° | 1681.3 | 1590.1 | 1502.5 | 1419.7 | 1354.5 | 1291.6 | 1228.8 | 1156.3 | 1085.0 | 1021.6 | 961.2 |
| 35° | 1656.5 | 1541.7 | 1448.7 | 1363.5 | 1290.4 | 1229.4 | 1171.4 | 1112.2 | 1040.3 | 975.1 | 916.5 |
| 37.5° | 1622.1 | 1495.8 | 1390.7 | 1297.7 | 1221.6 | 1161.1 | 1114.6 | 1058.4 | 991.4 | 927.9 | 873.6 |
| 40° | 1591.3 | 1445.1 | 1327.3 | 1235.5 | 1154.5 | 1089.9 | 1047.0 | 1001.0 | 941.2 | 882.6 | 828.3 |
| 42.5° | 1550.2 | 1398.6 | 1263.2 | 1166.6 | 1085.0 | 1023.4 | 979.9 | 941.2 | 893.5 | 839.1 | 779.9 |
| 45° | 1494.0 | 1335.7 | 1197.4 | 1094.7 | 1012.5 | 951.5 | 911.0 | 875.4 | 837.3 | 786.6 | 735.8 |
| 47.5° | 1427.0 | 1275.9 | 1130.3 | 1017.4 | 938.2 | 880.8 | 841.0 | 811.3 | 783.6 | 739.5 | 688.1 |
| 50° | 1343.0 | 1198.6 | 1057.2 | 948.5 | 862.7 | 808.9 | 772.1 | 749.7 | 725.0 | 685.7 | 644.6 |
| 52.5° | 1243.9 | 1118.9 | 981.1 | 869.3 | 789.6 | 740.1 | 705.0 | 682.7 | 663.3 | 633.1 | 594.5 |
| 55° | 1138.8 | 1025.8 | 898.9 | 798.1 | 723.8 | 673.0 | 639.2 | 618.0 | 605.9 | 578.8 | 547.9 |
| 57.5° | 1019.8 | 932.8 | 818.0 | 719.5 | 652.5 | 601.7 | 576.3 | 557.6 | 543.7 | 523.8 | 500.8 |
| 60° | 894.1 | 837.3 | 737.0 | 644.6 | 584.2 | 536.5 | 514.1 | 499.0 | 486.3 | 470.0 | 453.1 |
| 62.5° | 766.6 | 729.2 | 645.2 | 569.1 | 514.7 | 476.7 | 456.1 | 442.8 | 427.7 | 418.1 | 401.7 |
| 65° | 655.5 | 618.6 | 558.2 | 496.0 | 444.6 | 412.6 | 397.5 | 385.4 | 376.4 | 364.3 | 352.8 |
| 67.5° | 532.2 | 515.3 | 470.6 | 424.1 | 386.6 | 355.8 | 342.5 | 332.9 | 322.6 | 315.4 | 306.9 |
| 70° | 420.5 | 413.2 | 383.6 | 355.2 | 320.8 | 301.5 | 289.4 | 285.8 | 272.5 | 265.2 | 259.8 |
| 72.5° | 321.4 | 319.0 | 305.1 | 287.6 | 265.8 | 249.5 | 238.6 | 234.4 | 227.2 | 221.7 | 218.7 |
| 75° | 233.8 | 235.0 | 232.0 | 219.3 | 210.2 | 199.4 | 189.7 | 187.3 | 181.2 | 176.4 | 173.4 |
| 77.5° | 159.5 | 165.5 | 164.3 | 163.7 | 159.5 | 151.6 | 147.4 | 145.6 | 139.0 | 137.1 | 136.5 |
| 80° | 101.5 | 108.1 | 114.2 | 113.6 | 112.4 | 110.6 | 107.5 | 105.7 | 102.7 | 100.9 | 99.7 |
| 82.5° | 59.2 | 65.2 | 70.1 | 74.3 | 74.3 | 72.5 | 70.7 | 70.1 | 70.1 | 68.9 | 68.9 |
| 85° | 32.0 | 33.2 | 35.0 | 39.3 | 42.3 | 42.9 | 42.3 | 41.7 | 39.9 | 40.5 | 41.1 |
| 87.5° | 13.9 | 13.9 | 14.5 | 14.5 | 13.9 | 16.9 | 18.7 | 19.3 | 18.1 | 16.9 | 15.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P334394

CATALOG NUMBER: S125RDP-S1270D930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 | 1471.7 |
| 2.5° | 1440.9 | 1432.4 | 1426.4 | 1414.3 | 1405.8 | 1402.2 | 1395.5 | 1393.7 | 1400.4 | 1395.5 | 1394.9 |
| 5° | 1404.0 | 1386.5 | 1372.6 | 1358.7 | 1343.6 | 1333.9 | 1319.4 | 1317.0 | 1313.4 | 1307.9 | 1306.7 |
| 7.5° | 1361.1 | 1339.4 | 1323.0 | 1300.1 | 1281.4 | 1266.3 | 1248.1 | 1240.9 | 1237.3 | 1230.6 | 1219.7 |
| 10° | 1317.6 | 1290.4 | 1266.3 | 1243.3 | 1218.5 | 1198.6 | 1180.5 | 1166.6 | 1157.5 | 1149.1 | 1145.4 |
| 12.5° | 1274.7 | 1246.9 | 1214.3 | 1185.3 | 1156.9 | 1134.0 | 1113.4 | 1105.6 | 1095.3 | 1085.0 | 1075.4 |
| 15° | 1230.0 | 1193.2 | 1159.3 | 1127.3 | 1103.7 | 1079.6 | 1060.3 | 1047.0 | 1031.9 | 1027.6 | 1011.3 |
| 17.5° | 1182.3 | 1147.9 | 1108.0 | 1073.5 | 1047.0 | 1021.6 | 1000.4 | 984.7 | 973.3 | 956.9 | 949.1 |
| 20° | 1138.2 | 1095.3 | 1056.6 | 1025.8 | 995.6 | 964.2 | 942.4 | 929.8 | 918.9 | 906.2 | 900.2 |
| 22.5° | 1091.1 | 1049.4 | 1009.5 | 972.0 | 941.2 | 910.4 | 896.5 | 883.2 | 870.6 | 859.1 | 850.6 |
| 25° | 1045.1 | 1002.9 | 961.2 | 923.7 | 891.7 | 869.3 | 851.2 | 836.1 | 829.5 | 818.0 | 809.5 |
| 27.5° | 999.2 | 954.5 | 912.2 | 873.0 | 848.2 | 825.8 | 811.3 | 799.3 | 786.6 | 776.3 | 768.5 |
| 30° | 955.1 | 909.2 | 862.1 | 832.5 | 805.9 | 784.8 | 768.5 | 757.0 | 747.9 | 738.9 | 733.4 |
| 32.5° | 911.0 | 863.3 | 822.8 | 790.2 | 765.4 | 747.9 | 731.0 | 720.1 | 710.5 | 700.2 | 693.5 |
| 35° | 863.3 | 815.0 | 781.1 | 749.7 | 725.0 | 708.0 | 696.6 | 680.9 | 673.0 | 665.8 | 659.1 |
| 37.5° | 820.4 | 774.5 | 737.0 | 709.9 | 686.9 | 670.6 | 655.5 | 647.6 | 637.4 | 631.3 | 625.9 |
| 40° | 772.1 | 731.0 | 697.8 | 668.8 | 653.1 | 634.3 | 620.4 | 609.6 | 602.3 | 593.9 | 587.8 |
| 42.5° | 728.6 | 691.1 | 659.1 | 633.7 | 613.2 | 598.1 | 584.8 | 573.9 | 564.3 | 558.8 | 554.0 |
| 45° | 688.1 | 650.0 | 618.6 | 594.5 | 576.3 | 561.2 | 547.3 | 541.9 | 529.8 | 522.6 | 520.2 |
| 47.5° | 645.8 | 611.4 | 580.6 | 558.2 | 539.5 | 525.6 | 512.3 | 500.2 | 494.2 | 486.9 | 483.3 |
| 50° | 602.9 | 570.3 | 541.9 | 520.2 | 502.0 | 486.3 | 474.2 | 467.0 | 457.9 | 451.3 | 446.5 |
| 52.5° | 560.0 | 530.4 | 502.0 | 481.5 | 466.4 | 450.7 | 436.8 | 429.5 | 421.1 | 417.5 | 414.4 |
| 55° | 519.6 | 487.5 | 463.4 | 442.8 | 426.5 | 412.0 | 399.3 | 392.1 | 386.6 | 382.4 | 381.2 |
| 57.5° | 473.0 | 447.1 | 424.1 | 406.0 | 388.5 | 374.6 | 363.1 | 356.4 | 351.6 | 351.0 | 346.8 |
| 60° | 427.7 | 404.8 | 384.2 | 364.3 | 349.8 | 337.1 | 327.4 | 319.6 | 314.8 | 314.1 | 312.9 |
| 62.5° | 382.4 | 360.7 | 341.9 | 325.0 | 312.3 | 300.3 | 291.2 | 282.1 | 279.7 | 276.1 | 273.1 |
| 65° | 337.7 | 317.8 | 302.1 | 288.2 | 274.3 | 264.0 | 254.9 | 249.5 | 242.9 | 239.2 | 232.6 |
| 67.5° | 293.6 | 277.3 | 262.2 | 250.7 | 239.2 | 229.0 | 221.1 | 213.3 | 208.4 | 205.4 | 200.0 |
| 70° | 250.1 | 238.0 | 222.9 | 210.2 | 201.8 | 193.9 | 187.9 | 178.8 | 175.8 | 173.4 | 171.0 |
| 72.5° | 209.0 | 198.8 | 186.7 | 177.0 | 168.6 | 161.3 | 154.1 | 151.0 | 148.0 | 145.6 | 144.4 |
| 75° | 171.0 | 160.7 | 149.8 | 142.6 | 136.5 | 130.5 | 126.9 | 123.8 | 122.6 | 122.0 | 119.6 |
| 77.5° | 132.9 | 126.9 | 117.8 | 111.2 | 106.9 | 104.5 | 100.9 | 99.7 | 100.3 | 97.3 | 96.7 |
| 80° | 96.1 | 93.0 | 85.8 | 83.4 | 80.3 | 77.9 | 76.1 | 73.1 | 70.1 | 68.9 | 67.1 |
| 82.5° | 65.2 | 62.2 | 60.4 | 56.2 | 53.8 | 52.6 | 50.7 | 50.1 | 51.4 | 49.5 | 48.9 |
| 85° | 38.1 | 35.0 | 33.8 | 33.2 | 32.0 | 33.2 | 32.6 | 32.0 | 31.4 | 30.8 | 31.4 |
| 87.5° | 15.1 | 15.1 | 14.5 | 15.7 | 13.9 | 14.5 | 14.5 | 13.9 | 13.9 | 13.9 | 13.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P334394

CATALOG NUMBER: S125RDP-S1270D930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|
| 0° | 1471.7 | 1471.7 | 1471.7 | 1471.7 |
| 2.5° | 1394.3 | 1387.7 | 1385.9 | 1388.3 |
| 5° | 1300.7 | 1294.7 | 1297.7 | 1296.5 |
| 7.5° | 1221.6 | 1213.7 | 1204.6 | 1207.1 |
| 10° | 1137.6 | 1131.5 | 1127.9 | 1130.9 |
| 12.5° | 1066.9 | 1063.9 | 1060.9 | 1058.4 |
| 15° | 1004.1 | 996.8 | 993.8 | 985.9 |
| 17.5° | 943.7 | 941.2 | 933.4 | 927.9 |
| 20° | 891.1 | 888.7 | 880.8 | 885.7 |
| 22.5° | 847.6 | 841.6 | 840.3 | 837.3 |
| 25° | 807.1 | 799.3 | 796.2 | 792.6 |
| 27.5° | 766.0 | 761.8 | 757.6 | 756.4 |
| 30° | 726.2 | 721.9 | 718.9 | 718.9 |
| 32.5° | 690.5 | 687.5 | 684.5 | 683.9 |
| 35° | 656.1 | 651.3 | 650.0 | 646.4 |
| 37.5° | 619.8 | 615.6 | 615.6 | 616.2 |
| 40° | 585.4 | 582.4 | 581.8 | 577.6 |
| 42.5° | 548.6 | 547.3 | 544.9 | 543.7 |
| 45° | 515.9 | 511.7 | 511.7 | 508.7 |
| 47.5° | 481.5 | 477.9 | 478.5 | 474.8 |
| 50° | 447.1 | 445.2 | 444.6 | 443.4 |
| 52.5° | 412.6 | 412.0 | 415.0 | 412.0 |
| 55° | 382.4 | 380.6 | 384.2 | 380.6 |
| 57.5° | 346.8 | 345.6 | 349.2 | 346.8 |
| 60° | 311.7 | 308.1 | 309.9 | 310.5 |
| 62.5° | 270.0 | 268.2 | 269.4 | 265.8 |
| 65° | 231.4 | 229.6 | 227.2 | 225.9 |
| 67.5° | 201.2 | 195.7 | 195.7 | 196.9 |
| 70° | 167.3 | 167.3 | 166.7 | 166.7 |
| 72.5° | 143.8 | 143.2 | 142.0 | 141.4 |
| 75° | 119.6 | 120.2 | 119.0 | 118.4 |
| 77.5° | 93.6 | 90.6 | 91.8 | 90.6 |
| 80° | 67.1 | 66.5 | 68.3 | 66.5 |
| 82.5° | 49.5 | 48.9 | 49.5 | 48.3 |
| 85° | 32.0 | 31.4 | 30.8 | 31.4 |
| 87.5° | 13.9 | 13.3 | 13.3 | 13.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)