

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P998544

Luminaire Tested: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P998544  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K  
Description: Define 4 Direct Recessed with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

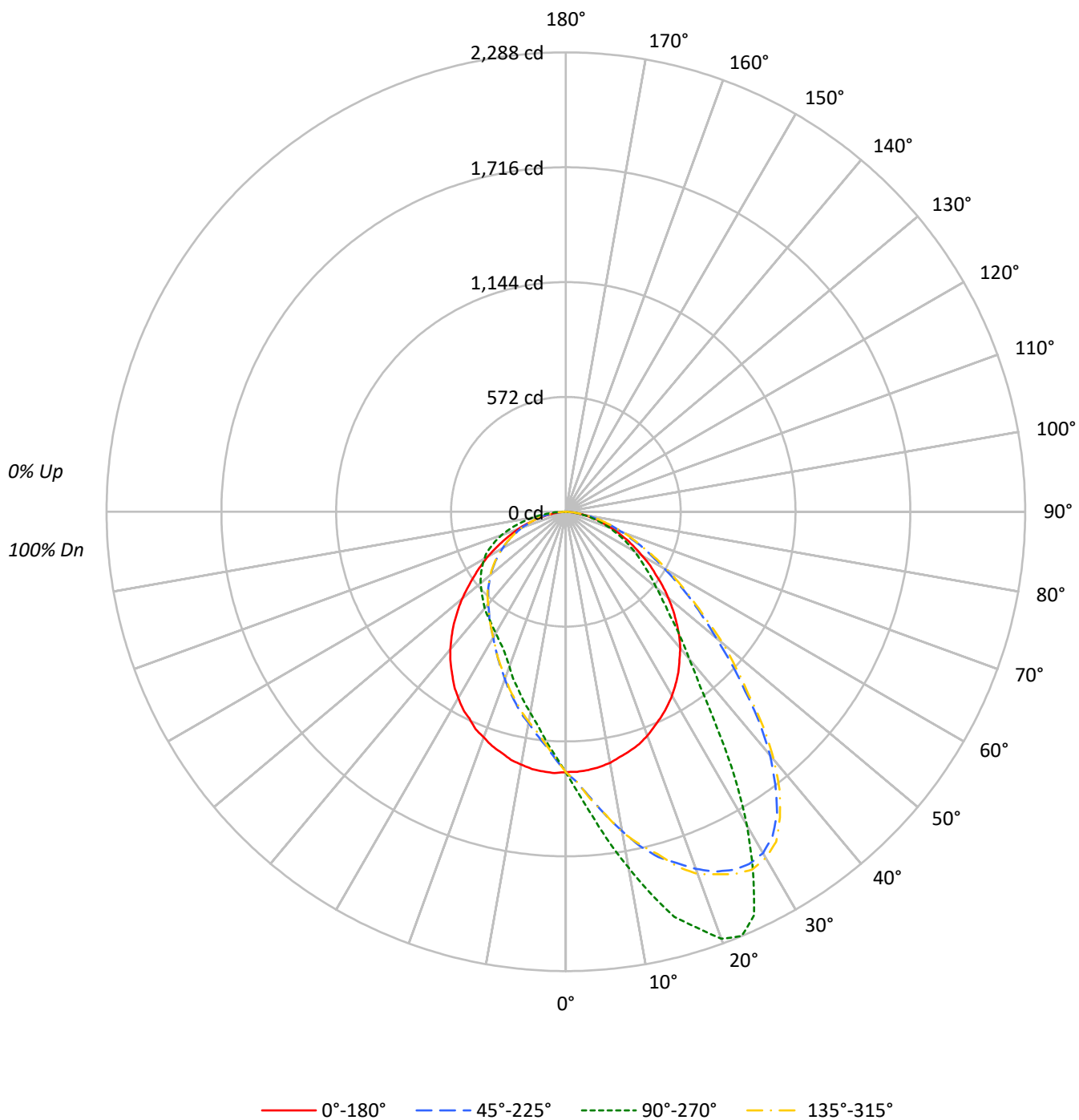
Lumens per Lamp: N/A  
Luminaire Lumens: 3577.0 lumens  
Efficiency: N/A  
Efficacy: 99.6 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 35.9  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

### Luminous Intensity Polar Plot



TEST NUMBER: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| RF  | 20  |     |     |     | 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  | 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   | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 98  | 95  | 93  | 95  | 92  | 90  | 91  | 89  | 87  | 85  |    |    |    |
| 2   | 100 | 92  | 86  | 80  | 98  | 90  | 84  | 79  | 87  | 82  | 78  | 84  | 79  | 76  | 81  | 77  | 74  | 72  |    |    |    |
| 3   | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 65  | 72  | 67  | 64  | 62  |    |    |    |
| 4   | 84  | 73  | 64  | 58  | 82  | 72  | 64  | 58  | 69  | 62  | 57  | 67  | 61  | 56  | 65  | 60  | 55  | 53  |    |    |    |
| 5   | 78  | 65  | 57  | 50  | 76  | 64  | 56  | 50  | 62  | 55  | 50  | 60  | 54  | 49  | 58  | 53  | 49  | 46  |    |    |    |
| 6   | 72  | 59  | 51  | 44  | 70  | 58  | 50  | 44  | 56  | 49  | 44  | 55  | 48  | 43  | 53  | 47  | 43  | 41  |    |    |    |
| 7   | 67  | 54  | 45  | 39  | 65  | 53  | 45  | 39  | 52  | 44  | 39  | 50  | 44  | 39  | 49  | 43  | 38  | 36  |    |    |    |
| 8   | 62  | 49  | 41  | 35  | 61  | 49  | 41  | 35  | 47  | 40  | 35  | 46  | 40  | 35  | 45  | 39  | 35  | 33  |    |    |    |
| 9   | 58  | 45  | 37  | 32  | 57  | 45  | 37  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 42  | 36  | 31  | 30  |    |    |    |
| 10  | 55  | 42  | 34  | 29  | 54  | 41  | 34  | 29  | 40  | 34  | 29  | 39  | 33  | 29  | 39  | 33  | 29  | 27  |    |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10571 | 10571 | 10571 | 10571 |
| 5°  | 10567 | 12448 | 10628 | 9354  |
| 10° | 10511 | 14904 | 10591 | 8422  |
| 15° | 10408 | 17635 | 10481 | 7734  |
| 20° | 10298 | 19637 | 10373 | 7120  |
| 25° | 10127 | 19955 | 10224 | 6697  |
| 30° | 9961  | 16979 | 10082 | 6563  |
| 35° | 9718  | 13054 | 9825  | 6564  |
| 40° | 9431  | 10174 | 9523  | 6688  |
| 45° | 8979  | 8484  | 9091  | 6799  |
| 50° | 8434  | 7466  | 8557  | 7031  |
| 55° | 7787  | 6840  | 7909  | 7313  |
| 60° | 7165  | 6411  | 7373  | 7654  |
| 65° | 6589  | 5968  | 6651  | 7936  |
| 70° | 5915  | 5455  | 6044  | 8116  |
| 75° | 5277  | 4874  | 5246  | 8018  |
| 80° | 4339  | 4086  | 4287  | 7767  |
| 85° | 3219  | 3013  | 3013  | 7438  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 16324 cd/sqm

TEST NUMBER: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 126.2  | 3.5       |
| 10°-20°   | 389.4  | 10.9      |
| 20°-30°   | 618.6  | 17.3      |
| 30°-40°   | 687.4  | 19.2      |
| 40°-50°   | 625.1  | 17.5      |
| 50°-60°   | 510.8  | 14.3      |
| 60°-70°   | 364.6  | 10.2      |
| 70°-80°   | 200.7  | 5.6       |
| 80°-90°   | 54.2   | 1.5       |
| 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°    | 1134.2 | 31.7      |
| 0°-40°    | 1821.6 | 50.9      |
| 0°-60°    | 2957.5 | 82.7      |
| 0°-90°    | 3577.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3577.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1296 | 1296 | 1296 | 1296 | 1296 |      |
| 5°  | 1291 | 1521 | 1298 | 1143 | 1291 | 123  |
| 15° | 1233 | 2089 | 1242 | 916  | 1233 | 348  |
| 25° | 1126 | 2218 | 1136 | 744  | 1126 | 519  |
| 35° | 976  | 1311 | 987  | 659  | 976  | 610  |
| 45° | 779  | 736  | 788  | 590  | 779  | 600  |
| 55° | 548  | 481  | 556  | 514  | 548  | 493  |
| 65° | 342  | 309  | 345  | 411  | 342  | 337  |
| 75° | 168  | 155  | 166  | 254  | 168  | 176  |
| 85° | 34   | 32   | 32   | 80   | 34   | 42   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1296.3 | 1309.2 | 1314.5 | 1318.8 | 1332.8 | 1337.1 | 1338.2 | 1344.6 | 1350.0 | 1351.1 | 1351.1 |
| 5°    | 1290.9 | 1311.3 | 1327.4 | 1342.5 | 1365.0 | 1374.7 | 1386.5 | 1399.4 | 1416.6 | 1427.3 | 1432.7 |
| 7.5°  | 1282.3 | 1312.4 | 1337.1 | 1362.9 | 1394.0 | 1413.3 | 1424.1 | 1458.5 | 1482.1 | 1501.4 | 1525.0 |
| 10°   | 1269.4 | 1308.1 | 1343.5 | 1381.1 | 1425.2 | 1448.8 | 1472.4 | 1514.3 | 1547.6 | 1585.2 | 1615.3 |
| 12.5° | 1250.1 | 1300.6 | 1343.5 | 1396.2 | 1450.9 | 1478.9 | 1506.8 | 1579.8 | 1618.5 | 1651.8 | 1705.5 |
| 15°   | 1232.9 | 1283.4 | 1344.6 | 1398.3 | 1466.0 | 1507.9 | 1548.7 | 1595.9 | 1657.1 | 1729.1 | 1780.6 |
| 17.5° | 1213.6 | 1277.0 | 1333.9 | 1409.1 | 1484.2 | 1524.0 | 1557.3 | 1630.3 | 1716.2 | 1787.1 | 1834.3 |
| 20°   | 1186.7 | 1251.2 | 1326.4 | 1405.8 | 1495.0 | 1526.1 | 1570.1 | 1667.9 | 1745.2 | 1815.0 | 1892.3 |
| 22.5° | 1155.6 | 1230.8 | 1310.2 | 1386.5 | 1478.9 | 1544.4 | 1592.7 | 1678.6 | 1772.1 | 1852.6 | 1939.6 |
| 25°   | 1125.5 | 1207.1 | 1277.0 | 1381.1 | 1478.9 | 1522.9 | 1577.7 | 1679.7 | 1781.7 | 1879.4 | 1968.6 |
| 27.5° | 1093.3 | 1169.6 | 1264.1 | 1346.8 | 1457.4 | 1505.7 | 1564.8 | 1676.5 | 1784.9 | 1882.7 | 1978.3 |
| 30°   | 1057.9 | 1139.5 | 1217.9 | 1315.6 | 1423.0 | 1485.3 | 1540.1 | 1661.4 | 1772.1 | 1874.1 | 1963.2 |
| 32.5° | 1018.1 | 1095.5 | 1179.2 | 1271.6 | 1384.3 | 1447.7 | 1516.4 | 1641.0 | 1759.2 | 1847.2 | 1916.0 |
| 35°   | 976.2  | 1054.6 | 1127.7 | 1222.2 | 1338.2 | 1401.5 | 1468.1 | 1605.6 | 1722.6 | 1794.6 | 1834.3 |
| 37.5° | 930.1  | 1004.2 | 1076.1 | 1169.6 | 1285.5 | 1353.2 | 1420.9 | 1554.0 | 1664.7 | 1724.8 | 1714.1 |
| 40°   | 886.0  | 952.6  | 1019.2 | 1107.3 | 1228.6 | 1300.6 | 1359.6 | 1493.9 | 1590.6 | 1616.3 | 1580.9 |
| 42.5° | 835.5  | 892.5  | 956.9  | 1047.1 | 1165.3 | 1232.9 | 1307.0 | 1429.5 | 1501.4 | 1490.7 | 1430.5 |
| 45°   | 778.6  | 829.1  | 893.5  | 978.4  | 1098.7 | 1168.5 | 1230.8 | 1346.8 | 1399.4 | 1372.5 | 1263.0 |
| 47.5° | 723.9  | 773.3  | 825.9  | 910.7  | 1027.8 | 1086.9 | 1150.2 | 1254.4 | 1284.5 | 1227.5 | 1118.0 |
| 50°   | 664.8  | 705.6  | 760.4  | 840.9  | 950.5  | 1012.8 | 1065.4 | 1149.1 | 1159.9 | 1090.1 | 976.2  |
| 52.5° | 607.9  | 642.2  | 694.9  | 774.3  | 876.4  | 925.8  | 977.3  | 1051.4 | 1042.8 | 970.9  | 861.3  |
| 55°   | 547.7  | 579.9  | 628.3  | 701.3  | 791.5  | 838.8  | 882.8  | 948.3  | 930.1  | 856.0  | 760.4  |
| 57.5° | 497.2  | 519.8  | 567.1  | 634.7  | 708.8  | 760.4  | 798.0  | 849.5  | 821.6  | 747.5  | 658.3  |
| 60°   | 439.3  | 467.2  | 506.9  | 561.7  | 634.7  | 669.1  | 702.4  | 736.7  | 717.4  | 646.5  | 567.1  |
| 62.5° | 386.6  | 408.1  | 442.5  | 495.1  | 552.0  | 583.2  | 618.6  | 640.1  | 620.8  | 555.2  | 488.7  |
| 65°   | 341.5  | 358.7  | 385.6  | 428.5  | 483.3  | 509.1  | 529.5  | 549.9  | 533.8  | 472.5  | 424.2  |
| 67.5° | 292.1  | 307.2  | 329.7  | 364.1  | 410.3  | 428.5  | 447.8  | 461.8  | 443.6  | 402.7  | 355.5  |
| 70°   | 248.1  | 258.8  | 280.3  | 306.1  | 338.3  | 355.5  | 371.6  | 385.6  | 369.4  | 335.1  | 299.6  |
| 72.5° | 203.0  | 211.6  | 230.9  | 249.2  | 278.2  | 290.0  | 301.8  | 312.5  | 307.2  | 274.9  | 245.9  |
| 75°   | 167.5  | 170.8  | 183.6  | 198.7  | 216.9  | 229.8  | 238.4  | 244.9  | 240.6  | 214.8  | 196.5  |
| 77.5° | 126.7  | 131.0  | 140.7  | 152.5  | 168.6  | 176.1  | 181.5  | 187.9  | 182.6  | 162.2  | 149.3  |
| 80°   | 92.4   | 93.4   | 98.8   | 109.5  | 120.3  | 121.4  | 126.7  | 135.3  | 132.1  | 118.1  | 108.5  |
| 82.5° | 59.1   | 62.3   | 64.4   | 70.9   | 78.4   | 80.5   | 83.8   | 85.9   | 84.8   | 76.3   | 73.0   |
| 85°   | 34.4   | 34.4   | 36.5   | 40.8   | 43.0   | 46.2   | 47.3   | 48.3   | 50.5   | 45.1   | 41.9   |
| 87.5° | 15.0   | 16.1   | 16.1   | 17.2   | 19.3   | 19.3   | 20.4   | 21.5   | 22.6   | 21.5   | 18.3   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1354.3 | 1373.6 | 1382.2 | 1384.3 | 1396.2 | 1388.6 | 1391.9 | 1390.8 | 1399.4 | 1400.5 | 1400.5 |
| 5°    | 1453.1 | 1475.6 | 1483.2 | 1493.9 | 1510.0 | 1514.3 | 1511.1 | 1517.5 | 1529.3 | 1520.7 | 1533.6 |
| 7.5°  | 1557.3 | 1582.0 | 1599.1 | 1622.8 | 1628.1 | 1642.1 | 1650.7 | 1658.2 | 1660.4 | 1661.4 | 1663.6 |
| 10°   | 1653.9 | 1685.1 | 1708.7 | 1748.4 | 1757.0 | 1764.5 | 1802.1 | 1787.1 | 1806.4 | 1800.0 | 1802.1 |
| 12.5° | 1732.3 | 1793.5 | 1812.9 | 1879.4 | 1885.9 | 1911.7 | 1909.5 | 1933.1 | 1937.4 | 1946.0 | 1937.4 |
| 15°   | 1835.4 | 1906.3 | 1937.4 | 1975.0 | 1996.5 | 2026.6 | 2032.0 | 2064.2 | 2077.1 | 2088.9 | 2077.1 |
| 17.5° | 1929.9 | 1967.5 | 2047.0 | 2077.1 | 2091.0 | 2107.1 | 2147.9 | 2159.8 | 2179.1 | 2171.6 | 2193.0 |
| 20°   | 1977.2 | 2030.9 | 2114.6 | 2166.2 | 2187.7 | 2202.7 | 2237.1 | 2255.3 | 2262.9 | 2262.9 | 2265.0 |
| 22.5° | 2019.1 | 2096.4 | 2158.7 | 2217.8 | 2237.1 | 2247.8 | 2268.2 | 2282.2 | 2285.4 | 2287.6 | 2289.7 |
| 25°   | 2056.7 | 2126.5 | 2176.9 | 2210.2 | 2217.8 | 2217.8 | 2229.6 | 2221.0 | 2207.0 | 2217.8 | 2224.2 |
| 27.5° | 2056.7 | 2106.1 | 2128.6 | 2140.4 | 2140.4 | 2111.4 | 2094.2 | 2058.8 | 2028.7 | 2020.1 | 2039.5 |
| 30°   | 2022.3 | 2044.8 | 2013.7 | 1984.7 | 1962.1 | 1942.8 | 1875.2 | 1821.5 | 1810.7 | 1803.2 | 1832.2 |
| 32.5° | 1942.8 | 1913.8 | 1852.6 | 1768.8 | 1735.5 | 1691.5 | 1638.9 | 1598.1 | 1573.4 | 1564.8 | 1558.3 |
| 35°   | 1802.1 | 1726.9 | 1647.5 | 1534.7 | 1511.1 | 1455.2 | 1383.3 | 1353.2 | 1312.4 | 1311.3 | 1325.3 |
| 37.5° | 1648.5 | 1532.6 | 1446.6 | 1339.2 | 1305.9 | 1246.9 | 1179.2 | 1148.1 | 1120.2 | 1098.7 | 1124.4 |
| 40°   | 1469.2 | 1368.2 | 1237.2 | 1149.1 | 1101.9 | 1070.7 | 1013.8 | 979.5  | 966.6  | 955.8  | 971.9  |
| 42.5° | 1301.7 | 1191.0 | 1089.0 | 998.8  | 960.1  | 924.7  | 887.1  | 853.8  | 844.1  | 843.1  | 854.9  |
| 45°   | 1135.2 | 1026.7 | 932.2  | 854.9  | 830.2  | 808.7  | 772.2  | 762.5  | 746.4  | 735.7  | 741.0  |
| 47.5° | 1002.0 | 890.3  | 811.9  | 752.9  | 731.4  | 713.1  | 689.5  | 673.4  | 659.4  | 655.1  | 661.6  |
| 50°   | 871.0  | 795.8  | 715.3  | 665.9  | 649.8  | 632.6  | 614.3  | 599.3  | 592.8  | 588.5  | 592.8  |
| 52.5° | 765.7  | 685.2  | 630.4  | 590.7  | 574.6  | 561.7  | 548.8  | 542.4  | 533.8  | 535.9  | 540.2  |
| 55°   | 671.2  | 600.3  | 554.2  | 525.2  | 515.5  | 510.1  | 494.0  | 486.5  | 483.3  | 481.1  | 483.3  |
| 57.5° | 582.1  | 530.5  | 496.2  | 471.5  | 458.6  | 455.4  | 442.5  | 442.5  | 439.3  | 436.0  | 437.1  |
| 60°   | 511.2  | 467.2  | 433.9  | 414.6  | 412.4  | 407.0  | 398.4  | 397.4  | 389.9  | 393.1  | 394.1  |
| 62.5° | 439.3  | 403.8  | 381.3  | 369.4  | 361.9  | 359.8  | 354.4  | 353.3  | 350.1  | 351.2  | 349.0  |
| 65°   | 382.3  | 353.3  | 330.8  | 321.1  | 317.9  | 316.8  | 312.5  | 309.3  | 307.2  | 309.3  | 307.2  |
| 67.5° | 325.4  | 306.1  | 288.9  | 279.2  | 274.9  | 273.9  | 270.6  | 268.5  | 269.6  | 266.3  | 268.5  |
| 70°   | 271.7  | 252.4  | 241.6  | 236.3  | 234.1  | 230.9  | 230.9  | 230.9  | 230.9  | 228.8  | 227.7  |
| 72.5° | 228.8  | 209.4  | 201.9  | 198.7  | 196.5  | 195.5  | 192.2  | 193.3  | 192.2  | 191.2  | 195.5  |
| 75°   | 181.5  | 169.7  | 162.2  | 158.9  | 161.1  | 157.9  | 154.7  | 156.8  | 153.6  | 154.7  | 158.9  |
| 77.5° | 137.5  | 132.1  | 127.8  | 125.7  | 123.5  | 121.4  | 121.4  | 119.2  | 119.2  | 119.2  | 119.2  |
| 80°   | 99.9   | 98.8   | 91.3   | 90.2   | 90.2   | 88.1   | 88.1   | 88.1   | 88.1   | 87.0   | 88.1   |
| 82.5° | 66.6   | 65.5   | 63.4   | 62.3   | 60.1   | 61.2   | 61.2   | 59.1   | 59.1   | 58.0   | 59.1   |
| 85°   | 38.7   | 38.7   | 36.5   | 35.4   | 34.4   | 35.4   | 33.3   | 32.2   | 33.3   | 32.2   | 33.3   |
| 87.5° | 18.3   | 16.1   | 17.2   | 16.1   | 14.0   | 15.0   | 12.9   | 14.0   | 12.9   | 11.8   | 14.0   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1398.3 | 1395.1 | 1390.8 | 1390.8 | 1385.4 | 1385.4 | 1376.8 | 1361.8 | 1348.9 | 1344.6 | 1346.8 |
| 5°    | 1517.5 | 1518.6 | 1512.2 | 1506.8 | 1497.1 | 1489.6 | 1475.6 | 1448.8 | 1440.2 | 1423.0 | 1411.2 |
| 7.5°  | 1653.9 | 1649.6 | 1637.8 | 1629.2 | 1627.1 | 1609.9 | 1579.8 | 1547.6 | 1521.8 | 1504.6 | 1479.9 |
| 10°   | 1807.5 | 1790.3 | 1773.1 | 1767.8 | 1754.9 | 1725.9 | 1691.5 | 1656.1 | 1620.6 | 1583.0 | 1541.1 |
| 12.5° | 1936.4 | 1903.1 | 1902.0 | 1889.1 | 1864.4 | 1848.3 | 1807.5 | 1757.0 | 1695.8 | 1653.9 | 1606.7 |
| 15°   | 2074.9 | 2043.8 | 2018.0 | 1994.4 | 1982.6 | 1935.3 | 1900.9 | 1837.6 | 1764.5 | 1719.4 | 1687.2 |
| 17.5° | 2173.7 | 2159.8 | 2115.7 | 2105.0 | 2088.9 | 2034.1 | 1979.3 | 1917.0 | 1853.7 | 1790.3 | 1703.3 |
| 20°   | 2253.2 | 2244.6 | 2215.6 | 2200.6 | 2174.8 | 2131.8 | 2065.2 | 1993.3 | 1920.3 | 1830.0 | 1748.4 |
| 22.5° | 2287.6 | 2276.8 | 2253.2 | 2240.3 | 2224.2 | 2187.7 | 2130.8 | 2049.1 | 1953.6 | 1873.0 | 1786.0 |
| 25°   | 2219.9 | 2239.2 | 2232.8 | 2227.4 | 2221.0 | 2199.5 | 2156.5 | 2084.6 | 1991.1 | 1899.9 | 1791.4 |
| 27.5° | 2067.4 | 2100.7 | 2132.9 | 2137.2 | 2147.9 | 2156.5 | 2139.4 | 2087.8 | 2009.4 | 1912.7 | 1793.5 |
| 30°   | 1862.3 | 1877.3 | 1942.8 | 1962.1 | 1977.2 | 2032.0 | 2064.2 | 2051.3 | 1991.1 | 1904.2 | 1794.6 |
| 32.5° | 1599.1 | 1638.9 | 1705.5 | 1751.6 | 1792.5 | 1853.7 | 1937.4 | 1970.7 | 1949.3 | 1878.4 | 1769.9 |
| 35°   | 1350.0 | 1397.2 | 1474.6 | 1533.6 | 1574.4 | 1661.4 | 1760.2 | 1832.2 | 1859.0 | 1823.6 | 1726.9 |
| 37.5° | 1145.9 | 1202.8 | 1271.6 | 1294.1 | 1341.4 | 1448.8 | 1585.2 | 1685.1 | 1750.6 | 1753.8 | 1678.6 |
| 40°   | 992.3  | 1021.3 | 1076.1 | 1110.5 | 1156.7 | 1246.9 | 1380.1 | 1512.2 | 1611.0 | 1644.2 | 1604.5 |
| 42.5° | 862.4  | 885.0  | 925.8  | 967.6  | 1009.5 | 1078.3 | 1200.7 | 1324.2 | 1457.4 | 1524.0 | 1522.9 |
| 45°   | 759.3  | 782.9  | 810.8  | 845.2  | 874.2  | 948.3  | 1045.0 | 1171.7 | 1286.6 | 1389.7 | 1415.5 |
| 47.5° | 669.1  | 689.5  | 723.9  | 738.9  | 758.2  | 828.0  | 911.8  | 1029.9 | 1149.1 | 1267.3 | 1297.4 |
| 50°   | 602.5  | 619.7  | 643.3  | 653.0  | 674.5  | 726.0  | 794.7  | 890.3  | 1022.4 | 1130.9 | 1186.7 |
| 52.5° | 542.4  | 555.2  | 573.5  | 581.0  | 596.1  | 634.7  | 697.0  | 772.2  | 881.7  | 993.4  | 1071.8 |
| 55°   | 490.8  | 499.4  | 512.3  | 520.9  | 531.6  | 566.0  | 612.2  | 679.8  | 774.3  | 871.0  | 947.2  |
| 57.5° | 442.5  | 448.9  | 461.8  | 466.1  | 474.7  | 501.5  | 533.8  | 590.7  | 677.7  | 763.6  | 837.7  |
| 60°   | 397.4  | 401.7  | 409.2  | 418.8  | 425.3  | 443.6  | 473.6  | 520.9  | 590.7  | 669.1  | 729.2  |
| 62.5° | 354.4  | 360.9  | 363.0  | 367.3  | 372.7  | 389.9  | 413.5  | 447.8  | 509.1  | 573.5  | 636.9  |
| 65°   | 310.4  | 315.7  | 320.0  | 321.1  | 326.5  | 339.4  | 360.9  | 390.9  | 430.7  | 486.5  | 545.6  |
| 67.5° | 269.6  | 272.8  | 274.9  | 279.2  | 284.6  | 291.0  | 308.2  | 330.8  | 367.3  | 412.4  | 459.7  |
| 70°   | 232.0  | 232.0  | 235.2  | 236.3  | 242.7  | 250.2  | 257.8  | 279.2  | 311.5  | 348.0  | 380.2  |
| 72.5° | 191.2  | 196.5  | 195.5  | 200.8  | 199.8  | 205.1  | 214.8  | 228.8  | 252.4  | 281.4  | 312.5  |
| 75°   | 155.7  | 158.9  | 158.9  | 158.9  | 161.1  | 165.4  | 170.8  | 183.6  | 201.9  | 225.5  | 243.8  |
| 77.5° | 121.4  | 123.5  | 123.5  | 123.5  | 124.6  | 128.9  | 134.2  | 142.8  | 155.7  | 169.7  | 180.4  |
| 80°   | 87.0   | 89.1   | 89.1   | 91.3   | 91.3   | 92.4   | 97.7   | 102.0  | 108.5  | 119.2  | 130.0  |
| 82.5° | 59.1   | 60.1   | 62.3   | 62.3   | 61.2   | 63.4   | 64.4   | 68.7   | 75.2   | 77.3   | 84.8   |
| 85°   | 32.2   | 33.3   | 34.4   | 34.4   | 35.4   | 37.6   | 36.5   | 40.8   | 40.8   | 45.1   | 47.3   |
| 87.5° | 12.9   | 15.0   | 15.0   | 14.0   | 15.0   | 15.0   | 15.0   | 17.2   | 18.3   | 19.3   | 18.3   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1337.1 | 1332.8 | 1329.6 | 1329.6 | 1319.9 | 1310.2 | 1304.9 | 1302.7 | 1300.6 | 1292.0 | 1280.2 |
| 5°    | 1391.9 | 1377.9 | 1368.2 | 1358.6 | 1342.5 | 1325.3 | 1308.1 | 1298.4 | 1284.5 | 1265.1 | 1251.2 |
| 7.5°  | 1453.1 | 1419.8 | 1409.1 | 1397.2 | 1365.0 | 1336.0 | 1312.4 | 1292.0 | 1269.4 | 1244.7 | 1220.0 |
| 10°   | 1504.6 | 1469.2 | 1445.6 | 1425.2 | 1383.3 | 1344.6 | 1309.2 | 1279.1 | 1250.1 | 1217.9 | 1187.8 |
| 12.5° | 1554.0 | 1503.6 | 1478.9 | 1448.8 | 1404.8 | 1348.9 | 1302.7 | 1265.1 | 1222.2 | 1188.9 | 1152.4 |
| 15°   | 1622.8 | 1537.9 | 1497.1 | 1477.8 | 1418.7 | 1353.2 | 1297.4 | 1241.5 | 1206.1 | 1155.6 | 1123.4 |
| 17.5° | 1633.5 | 1564.8 | 1537.9 | 1488.5 | 1417.6 | 1343.5 | 1279.1 | 1223.3 | 1169.6 | 1124.4 | 1082.6 |
| 20°   | 1671.1 | 1580.9 | 1537.9 | 1506.8 | 1413.3 | 1338.2 | 1267.3 | 1195.3 | 1143.8 | 1095.5 | 1048.2 |
| 22.5° | 1694.7 | 1592.7 | 1547.6 | 1498.2 | 1409.1 | 1318.8 | 1235.1 | 1172.8 | 1109.4 | 1060.0 | 1022.4 |
| 25°   | 1688.3 | 1586.3 | 1535.8 | 1489.6 | 1381.1 | 1290.9 | 1215.7 | 1136.3 | 1077.2 | 1023.5 | 974.1  |
| 27.5° | 1685.1 | 1570.1 | 1516.4 | 1464.9 | 1362.9 | 1268.4 | 1173.9 | 1109.4 | 1043.9 | 981.6  | 945.1  |
| 30°   | 1676.5 | 1549.7 | 1487.5 | 1431.6 | 1325.3 | 1226.5 | 1145.9 | 1070.7 | 1005.2 | 948.3  | 900.0  |
| 32.5° | 1647.5 | 1515.4 | 1455.2 | 1395.1 | 1284.5 | 1185.7 | 1104.0 | 1034.2 | 968.7  | 909.7  | 863.5  |
| 35°   | 1608.8 | 1474.6 | 1409.1 | 1345.7 | 1235.1 | 1135.2 | 1060.0 | 987.0  | 925.8  | 868.8  | 824.8  |
| 37.5° | 1570.1 | 1427.3 | 1366.1 | 1293.1 | 1191.0 | 1086.9 | 1009.5 | 944.0  | 887.1  | 828.0  | 779.7  |
| 40°   | 1514.3 | 1371.5 | 1303.8 | 1241.5 | 1122.3 | 1024.6 | 953.7  | 894.6  | 838.8  | 782.9  | 742.1  |
| 42.5° | 1438.0 | 1310.2 | 1240.4 | 1171.7 | 1060.0 | 963.4  | 894.6  | 842.0  | 789.4  | 743.2  | 698.1  |
| 45°   | 1360.7 | 1236.1 | 1173.9 | 1112.6 | 991.3  | 900.0  | 836.6  | 788.3  | 744.3  | 693.8  | 657.3  |
| 47.5° | 1267.3 | 1162.0 | 1099.7 | 1039.6 | 924.7  | 833.4  | 775.4  | 730.3  | 689.5  | 647.6  | 613.2  |
| 50°   | 1171.7 | 1080.4 | 1023.5 | 961.2  | 851.7  | 769.0  | 712.0  | 674.5  | 641.2  | 601.4  | 573.5  |
| 52.5° | 1068.6 | 989.1  | 940.8  | 880.7  | 784.0  | 707.7  | 649.8  | 612.2  | 584.2  | 555.2  | 530.5  |
| 55°   | 959.1  | 901.1  | 849.5  | 801.2  | 709.9  | 641.2  | 589.6  | 556.3  | 537.0  | 510.1  | 488.7  |
| 57.5° | 860.3  | 804.4  | 773.3  | 718.5  | 639.0  | 571.4  | 530.5  | 502.6  | 480.1  | 464.0  | 446.8  |
| 60°   | 757.1  | 712.0  | 677.7  | 637.9  | 568.1  | 511.2  | 468.3  | 452.1  | 428.5  | 416.7  | 409.2  |
| 62.5° | 658.3  | 626.1  | 593.9  | 563.8  | 501.5  | 447.8  | 415.6  | 395.2  | 381.3  | 369.4  | 363.0  |
| 65°   | 564.9  | 534.8  | 512.3  | 485.4  | 433.9  | 390.9  | 360.9  | 344.7  | 330.8  | 327.6  | 320.0  |
| 67.5° | 473.6  | 460.7  | 436.0  | 414.6  | 370.5  | 337.2  | 314.7  | 294.3  | 286.8  | 283.5  | 277.1  |
| 70°   | 396.3  | 381.3  | 361.9  | 343.7  | 310.4  | 281.4  | 261.0  | 253.5  | 242.7  | 241.6  | 234.1  |
| 72.5° | 326.5  | 308.2  | 294.3  | 280.3  | 255.6  | 229.8  | 219.1  | 208.4  | 203.0  | 198.7  | 195.5  |
| 75°   | 258.8  | 245.9  | 236.3  | 224.5  | 203.0  | 185.8  | 170.8  | 166.5  | 163.2  | 162.2  | 160.0  |
| 77.5° | 193.3  | 184.7  | 180.4  | 168.6  | 153.6  | 138.5  | 132.1  | 125.7  | 125.7  | 123.5  | 124.6  |
| 80°   | 137.5  | 132.1  | 126.7  | 120.3  | 107.4  | 101.0  | 95.6   | 91.3   | 89.1   | 88.1   | 89.1   |
| 82.5° | 87.0   | 83.8   | 82.7   | 78.4   | 69.8   | 66.6   | 62.3   | 59.1   | 59.1   | 59.1   | 59.1   |
| 85°   | 48.3   | 48.3   | 48.3   | 41.9   | 38.7   | 35.4   | 33.3   | 32.2   | 32.2   | 32.2   | 33.3   |
| 87.5° | 20.4   | 20.4   | 17.2   | 17.2   | 16.1   | 14.0   | 12.9   | 12.9   | 14.0   | 14.0   | 15.0   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1277.0 | 1272.7 | 1274.8 | 1264.1 | 1254.4 | 1240.4 | 1228.6 | 1226.5 | 1224.3 | 1230.8 | 1226.5 |
| 5°    | 1240.4 | 1235.1 | 1229.7 | 1216.8 | 1197.5 | 1185.7 | 1168.5 | 1167.4 | 1161.0 | 1151.3 | 1153.4 |
| 7.5°  | 1200.7 | 1197.5 | 1190.0 | 1169.6 | 1152.4 | 1132.0 | 1118.0 | 1106.2 | 1100.8 | 1092.2 | 1089.0 |
| 10°   | 1168.5 | 1156.7 | 1150.2 | 1127.7 | 1107.3 | 1085.8 | 1067.5 | 1058.9 | 1049.3 | 1041.8 | 1036.4 |
| 12.5° | 1124.4 | 1121.2 | 1103.0 | 1084.7 | 1067.5 | 1042.8 | 1028.9 | 1004.2 | 991.3  | 997.7  | 995.6  |
| 15°   | 1095.5 | 1080.4 | 1076.1 | 1050.3 | 1021.3 | 1005.2 | 979.5  | 963.4  | 958.0  | 948.3  | 936.5  |
| 17.5° | 1056.8 | 1047.1 | 1032.1 | 1008.5 | 975.2  | 952.6  | 934.4  | 919.3  | 912.9  | 900.0  | 890.3  |
| 20°   | 1020.3 | 1004.2 | 992.3  | 970.9  | 938.7  | 909.7  | 887.1  | 877.4  | 861.3  | 850.6  | 845.2  |
| 22.5° | 987.0  | 975.2  | 958.0  | 925.8  | 897.8  | 869.9  | 843.1  | 829.1  | 814.1  | 807.6  | 799.0  |
| 25°   | 946.2  | 926.8  | 915.0  | 879.6  | 849.5  | 827.0  | 802.3  | 784.0  | 775.4  | 764.7  | 762.5  |
| 27.5° | 906.4  | 888.2  | 874.2  | 843.1  | 806.6  | 777.6  | 762.5  | 749.6  | 734.6  | 734.6  | 729.2  |
| 30°   | 866.7  | 853.8  | 832.3  | 802.3  | 767.9  | 740.0  | 722.8  | 711.0  | 705.6  | 701.3  | 700.2  |
| 32.5° | 827.0  | 809.8  | 796.9  | 756.1  | 730.3  | 704.5  | 691.6  | 682.0  | 675.5  | 674.5  | 675.5  |
| 35°   | 786.1  | 766.8  | 753.9  | 717.4  | 691.6  | 668.0  | 662.6  | 654.0  | 650.8  | 649.8  | 655.1  |
| 37.5° | 743.2  | 728.2  | 712.0  | 682.0  | 653.0  | 639.0  | 628.3  | 625.1  | 624.0  | 630.4  | 632.6  |
| 40°   | 703.5  | 690.6  | 675.5  | 643.3  | 621.8  | 606.8  | 601.4  | 598.2  | 602.5  | 608.9  | 612.2  |
| 42.5° | 665.9  | 647.6  | 635.8  | 606.8  | 587.5  | 578.9  | 572.4  | 572.4  | 576.7  | 584.2  | 589.6  |
| 45°   | 626.1  | 612.2  | 600.3  | 574.6  | 557.4  | 547.7  | 546.7  | 547.7  | 553.1  | 558.5  | 564.9  |
| 47.5° | 587.5  | 573.5  | 560.6  | 539.1  | 524.1  | 518.7  | 517.7  | 518.7  | 527.3  | 534.8  | 542.4  |
| 50°   | 552.0  | 537.0  | 525.2  | 504.8  | 493.0  | 486.5  | 487.6  | 493.0  | 499.4  | 510.1  | 519.8  |
| 52.5° | 510.1  | 499.4  | 488.7  | 470.4  | 459.7  | 455.4  | 458.6  | 462.9  | 474.7  | 482.2  | 494.0  |
| 55°   | 469.3  | 459.7  | 451.1  | 437.1  | 428.5  | 425.3  | 427.4  | 433.9  | 443.6  | 456.4  | 470.4  |
| 57.5° | 431.7  | 421.0  | 412.4  | 402.7  | 393.1  | 394.1  | 395.2  | 403.8  | 415.6  | 427.4  | 443.6  |
| 60°   | 389.9  | 383.4  | 375.9  | 364.1  | 359.8  | 359.8  | 363.0  | 372.7  | 383.4  | 402.7  | 416.7  |
| 62.5° | 352.3  | 343.7  | 338.3  | 330.8  | 324.3  | 325.4  | 332.9  | 341.5  | 354.4  | 370.5  | 388.8  |
| 65°   | 313.6  | 303.9  | 299.6  | 293.2  | 291.0  | 292.1  | 297.5  | 310.4  | 324.3  | 338.3  | 355.5  |
| 67.5° | 270.6  | 267.4  | 263.1  | 256.7  | 258.8  | 259.9  | 265.3  | 276.0  | 291.0  | 305.0  | 324.3  |
| 70°   | 234.1  | 227.7  | 226.6  | 221.2  | 221.2  | 224.5  | 235.2  | 242.7  | 256.7  | 271.7  | 292.1  |
| 72.5° | 195.5  | 190.1  | 190.1  | 185.8  | 189.0  | 192.2  | 197.6  | 208.4  | 221.2  | 236.3  | 253.5  |
| 75°   | 155.7  | 153.6  | 155.7  | 153.6  | 153.6  | 158.9  | 165.4  | 174.0  | 187.9  | 204.1  | 218.0  |
| 77.5° | 120.3  | 120.3  | 119.2  | 122.4  | 122.4  | 125.7  | 134.2  | 142.8  | 153.6  | 166.5  | 181.5  |
| 80°   | 88.1   | 88.1   | 88.1   | 91.3   | 94.5   | 94.5   | 99.9   | 110.6  | 120.3  | 128.9  | 142.8  |
| 82.5° | 60.1   | 60.1   | 60.1   | 62.3   | 66.6   | 66.6   | 73.0   | 79.5   | 90.2   | 97.7   | 104.2  |
| 85°   | 36.5   | 36.5   | 35.4   | 37.6   | 38.7   | 41.9   | 47.3   | 51.6   | 56.9   | 63.4   | 69.8   |
| 87.5° | 16.1   | 16.1   | 17.2   | 18.3   | 19.3   | 21.5   | 23.6   | 25.8   | 31.1   | 33.3   | 36.5   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1223.3 | 1222.2 | 1216.8 | 1219.0 | 1212.5 | 1214.7 | 1217.9 | 1219.0 | 1223.3 | 1220.0 | 1219.0 |
| 5°    | 1148.1 | 1145.9 | 1142.7 | 1139.5 | 1138.4 | 1142.7 | 1135.2 | 1137.3 | 1139.5 | 1142.7 | 1147.0 |
| 7.5°  | 1086.9 | 1085.8 | 1082.6 | 1077.2 | 1075.0 | 1072.9 | 1074.0 | 1081.5 | 1080.4 | 1079.3 | 1086.9 |
| 10°   | 1031.0 | 1032.1 | 1025.6 | 1024.6 | 1018.1 | 1017.1 | 1018.1 | 1020.3 | 1023.5 | 1027.8 | 1028.9 |
| 12.5° | 973.0  | 987.0  | 975.2  | 970.9  | 961.2  | 966.6  | 968.7  | 959.1  | 964.4  | 967.6  | 983.8  |
| 15°   | 936.5  | 930.1  | 922.5  | 922.5  | 918.2  | 916.1  | 910.7  | 918.2  | 922.5  | 929.0  | 926.8  |
| 17.5° | 886.0  | 875.3  | 871.0  | 866.7  | 867.8  | 872.1  | 860.3  | 877.4  | 877.4  | 880.7  | 875.3  |
| 20°   | 842.0  | 833.4  | 828.0  | 825.9  | 822.7  | 820.5  | 819.4  | 823.7  | 830.2  | 832.3  | 837.7  |
| 22.5° | 795.8  | 795.8  | 787.2  | 784.0  | 781.9  | 778.6  | 784.0  | 780.8  | 785.1  | 789.4  | 798.0  |
| 25°   | 757.1  | 757.1  | 753.9  | 749.6  | 746.4  | 744.3  | 747.5  | 746.4  | 749.6  | 755.0  | 757.1  |
| 27.5° | 726.0  | 722.8  | 721.7  | 720.6  | 719.6  | 720.6  | 719.6  | 722.8  | 726.0  | 727.1  | 724.9  |
| 30°   | 699.2  | 695.9  | 697.0  | 697.0  | 698.1  | 697.0  | 695.9  | 699.2  | 700.2  | 698.1  | 699.2  |
| 32.5° | 674.5  | 674.5  | 676.6  | 677.7  | 677.7  | 678.7  | 679.8  | 677.7  | 678.7  | 675.5  | 676.6  |
| 35°   | 654.0  | 656.2  | 658.3  | 659.4  | 660.5  | 659.4  | 661.6  | 660.5  | 658.3  | 656.2  | 655.1  |
| 37.5° | 633.6  | 635.8  | 640.1  | 641.2  | 644.4  | 645.5  | 643.3  | 643.3  | 642.2  | 637.9  | 635.8  |
| 40°   | 612.2  | 614.3  | 619.7  | 622.9  | 625.1  | 628.3  | 626.1  | 626.1  | 621.8  | 617.5  | 614.3  |
| 42.5° | 591.8  | 596.1  | 601.4  | 604.6  | 608.9  | 608.9  | 608.9  | 606.8  | 601.4  | 597.1  | 593.9  |
| 45°   | 571.4  | 572.4  | 579.9  | 585.3  | 589.6  | 589.6  | 589.6  | 586.4  | 583.2  | 574.6  | 570.3  |
| 47.5° | 548.8  | 552.0  | 560.6  | 566.0  | 570.3  | 571.4  | 571.4  | 568.1  | 561.7  | 554.2  | 548.8  |
| 50°   | 524.1  | 529.5  | 539.1  | 546.7  | 552.0  | 554.2  | 550.9  | 548.8  | 541.3  | 532.7  | 526.2  |
| 52.5° | 500.5  | 506.9  | 518.7  | 525.2  | 532.7  | 533.8  | 532.7  | 529.5  | 520.9  | 509.1  | 503.7  |
| 55°   | 476.8  | 482.2  | 495.1  | 505.8  | 512.3  | 514.4  | 512.3  | 506.9  | 496.2  | 484.4  | 479.0  |
| 57.5° | 451.1  | 458.6  | 472.5  | 483.3  | 490.8  | 491.9  | 489.7  | 484.4  | 475.8  | 460.7  | 453.2  |
| 60°   | 424.2  | 433.9  | 447.8  | 458.6  | 468.3  | 469.3  | 467.2  | 459.7  | 448.9  | 433.9  | 427.4  |
| 62.5° | 397.4  | 404.9  | 421.0  | 432.8  | 440.3  | 445.7  | 441.4  | 433.9  | 423.1  | 408.1  | 398.4  |
| 65°   | 366.2  | 377.0  | 390.9  | 401.7  | 410.3  | 411.3  | 409.2  | 402.7  | 390.9  | 374.8  | 367.3  |
| 67.5° | 336.2  | 343.7  | 357.6  | 371.6  | 374.8  | 378.0  | 374.8  | 368.4  | 358.7  | 344.7  | 334.0  |
| 70°   | 299.6  | 306.1  | 323.3  | 332.9  | 337.2  | 340.4  | 338.3  | 331.9  | 323.3  | 310.4  | 301.8  |
| 72.5° | 263.1  | 268.5  | 284.6  | 292.1  | 300.7  | 299.6  | 298.6  | 294.3  | 282.5  | 273.9  | 268.5  |
| 75°   | 224.5  | 230.9  | 241.6  | 251.3  | 254.5  | 254.5  | 254.5  | 251.3  | 243.8  | 229.8  | 224.5  |
| 77.5° | 189.0  | 192.2  | 200.8  | 206.2  | 209.4  | 210.5  | 209.4  | 204.1  | 199.8  | 190.1  | 186.9  |
| 80°   | 145.0  | 153.6  | 160.0  | 161.1  | 165.4  | 165.4  | 165.4  | 163.2  | 158.9  | 149.3  | 148.2  |
| 82.5° | 109.5  | 111.7  | 118.1  | 121.4  | 123.5  | 122.4  | 122.4  | 118.1  | 117.1  | 111.7  | 109.5  |
| 85°   | 74.1   | 77.3   | 76.3   | 80.5   | 81.6   | 79.5   | 79.5   | 81.6   | 76.3   | 77.3   | 74.1   |
| 87.5° | 40.8   | 40.8   | 43.0   | 41.9   | 46.2   | 46.2   | 44.0   | 45.1   | 43.0   | 41.9   | 40.8   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1219.0 | 1225.4 | 1219.0 | 1223.3 | 1225.4 | 1230.8 | 1232.9 | 1242.6 | 1245.8 | 1253.3 | 1253.3 |
| 5°    | 1145.9 | 1149.1 | 1150.2 | 1154.5 | 1158.8 | 1169.6 | 1177.1 | 1191.0 | 1207.1 | 1209.3 | 1219.0 |
| 7.5°  | 1086.9 | 1092.2 | 1100.8 | 1097.6 | 1105.1 | 1121.2 | 1130.9 | 1148.1 | 1164.2 | 1172.8 | 1184.6 |
| 10°   | 1034.2 | 1040.7 | 1043.9 | 1047.1 | 1061.1 | 1075.0 | 1090.1 | 1101.9 | 1123.4 | 1136.3 | 1145.9 |
| 12.5° | 991.3  | 985.9  | 992.3  | 1004.2 | 1020.3 | 1028.9 | 1049.3 | 1067.5 | 1083.6 | 1097.6 | 1106.2 |
| 15°   | 935.4  | 939.7  | 946.2  | 966.6  | 970.9  | 992.3  | 999.9  | 1020.3 | 1050.3 | 1063.2 | 1074.0 |
| 17.5° | 881.7  | 895.7  | 908.6  | 916.1  | 929.0  | 946.2  | 967.6  | 990.2  | 1009.5 | 1024.6 | 1037.5 |
| 20°   | 838.8  | 852.7  | 860.3  | 865.6  | 878.5  | 902.1  | 922.5  | 950.5  | 975.2  | 987.0  | 1004.2 |
| 22.5° | 804.4  | 804.4  | 815.1  | 831.3  | 838.8  | 861.3  | 878.5  | 908.6  | 935.4  | 950.5  | 966.6  |
| 25°   | 761.4  | 767.9  | 776.5  | 790.4  | 801.2  | 819.4  | 844.1  | 869.9  | 898.9  | 911.8  | 932.2  |
| 27.5° | 726.0  | 733.5  | 745.3  | 748.6  | 759.3  | 775.4  | 801.2  | 829.1  | 859.2  | 873.1  | 890.3  |
| 30°   | 699.2  | 703.5  | 707.7  | 714.2  | 723.9  | 737.8  | 759.3  | 784.0  | 820.5  | 831.3  | 852.7  |
| 32.5° | 675.5  | 677.7  | 679.8  | 685.2  | 690.6  | 704.5  | 721.7  | 748.6  | 778.6  | 794.7  | 814.1  |
| 35°   | 654.0  | 651.9  | 653.0  | 656.2  | 661.6  | 666.9  | 685.2  | 707.7  | 735.7  | 755.0  | 770.0  |
| 37.5° | 633.6  | 629.3  | 628.3  | 628.3  | 630.4  | 636.9  | 650.8  | 670.2  | 700.2  | 716.3  | 731.4  |
| 40°   | 611.1  | 606.8  | 604.6  | 603.6  | 602.5  | 606.8  | 617.5  | 636.9  | 660.5  | 675.5  | 692.7  |
| 42.5° | 589.6  | 585.3  | 579.9  | 578.9  | 576.7  | 578.9  | 586.4  | 604.6  | 625.1  | 640.1  | 654.0  |
| 45°   | 568.1  | 560.6  | 554.2  | 549.9  | 550.9  | 547.7  | 553.1  | 567.1  | 590.7  | 600.3  | 614.3  |
| 47.5° | 544.5  | 535.9  | 527.3  | 523.0  | 518.7  | 520.9  | 523.0  | 534.8  | 555.2  | 564.9  | 578.9  |
| 50°   | 521.9  | 510.1  | 500.5  | 495.1  | 491.9  | 489.7  | 491.9  | 503.7  | 518.7  | 527.3  | 539.1  |
| 52.5° | 496.2  | 484.4  | 474.7  | 466.1  | 461.8  | 458.6  | 459.7  | 470.4  | 484.4  | 493.0  | 504.8  |
| 55°   | 472.5  | 457.5  | 444.6  | 433.9  | 430.7  | 429.6  | 428.5  | 436.0  | 447.8  | 456.4  | 466.1  |
| 57.5° | 445.7  | 430.7  | 416.7  | 403.8  | 397.4  | 396.3  | 396.3  | 398.4  | 413.5  | 419.9  | 425.3  |
| 60°   | 418.8  | 402.7  | 387.7  | 375.9  | 366.2  | 363.0  | 361.9  | 366.2  | 373.7  | 380.2  | 387.7  |
| 62.5° | 388.8  | 372.7  | 354.4  | 343.7  | 334.0  | 325.4  | 328.6  | 329.7  | 340.4  | 343.7  | 350.1  |
| 65°   | 359.8  | 341.5  | 326.5  | 309.3  | 298.6  | 293.2  | 291.0  | 293.2  | 301.8  | 302.9  | 307.2  |
| 67.5° | 326.5  | 309.3  | 291.0  | 279.2  | 269.6  | 259.9  | 257.8  | 257.8  | 262.0  | 265.3  | 270.6  |
| 70°   | 294.3  | 277.1  | 256.7  | 243.8  | 234.1  | 225.5  | 222.3  | 221.2  | 224.5  | 226.6  | 232.0  |
| 72.5° | 256.7  | 239.5  | 224.5  | 210.5  | 198.7  | 192.2  | 189.0  | 186.9  | 190.1  | 192.2  | 193.3  |
| 75°   | 216.9  | 203.0  | 187.9  | 174.0  | 166.5  | 160.0  | 155.7  | 152.5  | 154.7  | 154.7  | 154.7  |
| 77.5° | 179.4  | 165.4  | 153.6  | 143.9  | 134.2  | 126.7  | 123.5  | 120.3  | 121.4  | 121.4  | 123.5  |
| 80°   | 139.6  | 130.0  | 120.3  | 111.7  | 103.1  | 96.7   | 94.5   | 91.3   | 89.1   | 88.1   | 88.1   |
| 82.5° | 103.1  | 95.6   | 87.0   | 79.5   | 75.2   | 68.7   | 66.6   | 62.3   | 62.3   | 61.2   | 61.2   |
| 85°   | 68.7   | 64.4   | 55.8   | 50.5   | 47.3   | 44.0   | 41.9   | 39.7   | 36.5   | 36.5   | 35.4   |
| 87.5° | 36.5   | 34.4   | 32.2   | 25.8   | 25.8   | 22.6   | 21.5   | 20.4   | 17.2   | 18.3   | 18.3   |
| 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: P998544

CATALOG NUMBER: S124DR-B795DB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1296.3 | 1296.3 | 1296.3 | 1296.3 |
| 2.5°  | 1260.8 | 1271.6 | 1281.2 | 1296.3 |
| 5°    | 1232.9 | 1248.0 | 1268.4 | 1290.9 |
| 7.5°  | 1200.7 | 1224.3 | 1251.2 | 1282.3 |
| 10°   | 1170.6 | 1197.5 | 1231.8 | 1269.4 |
| 12.5° | 1139.5 | 1171.7 | 1209.3 | 1250.1 |
| 15°   | 1104.0 | 1136.3 | 1178.1 | 1232.9 |
| 17.5° | 1071.8 | 1110.5 | 1155.6 | 1213.6 |
| 20°   | 1034.2 | 1070.7 | 1120.2 | 1186.7 |
| 22.5° | 1000.9 | 1042.8 | 1097.6 | 1155.6 |
| 25°   | 964.4  | 1000.9 | 1055.7 | 1125.5 |
| 27.5° | 927.9  | 973.0  | 1025.6 | 1093.3 |
| 30°   | 892.5  | 930.1  | 987.0  | 1057.9 |
| 32.5° | 853.8  | 898.9  | 951.5  | 1018.1 |
| 35°   | 811.9  | 854.9  | 904.3  | 976.2  |
| 37.5° | 774.3  | 816.2  | 866.7  | 930.1  |
| 40°   | 732.4  | 776.5  | 822.7  | 886.0  |
| 42.5° | 691.6  | 731.4  | 777.6  | 835.5  |
| 45°   | 651.9  | 686.3  | 728.2  | 778.6  |
| 47.5° | 611.1  | 640.1  | 678.7  | 723.9  |
| 50°   | 567.1  | 598.2  | 627.2  | 664.8  |
| 52.5° | 526.2  | 553.1  | 576.7  | 607.9  |
| 55°   | 486.5  | 504.8  | 524.1  | 547.7  |
| 57.5° | 444.6  | 458.6  | 472.5  | 497.2  |
| 60°   | 402.7  | 415.6  | 423.1  | 439.3  |
| 62.5° | 361.9  | 367.3  | 377.0  | 386.6  |
| 65°   | 316.8  | 324.3  | 329.7  | 341.5  |
| 67.5° | 276.0  | 279.2  | 284.6  | 292.1  |
| 70°   | 233.1  | 240.6  | 242.7  | 248.1  |
| 72.5° | 196.5  | 199.8  | 201.9  | 203.0  |
| 75°   | 155.7  | 158.9  | 161.1  | 167.5  |
| 77.5° | 122.4  | 121.4  | 125.7  | 126.7  |
| 80°   | 90.2   | 87.0   | 88.1   | 92.4   |
| 82.5° | 59.1   | 60.1   | 59.1   | 59.1   |
| 85°   | 36.5   | 35.4   | 33.3   | 34.4   |
| 87.5° | 16.1   | 16.1   | 15.0   | 15.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)