

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: P1004899

Luminaire Tested: S125R3DR-B850DB27-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1004899  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125R3DR-B850DB27-4F0-XX-W2A-A  
Description: Define 5 3in Regressed Direct Recessed with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

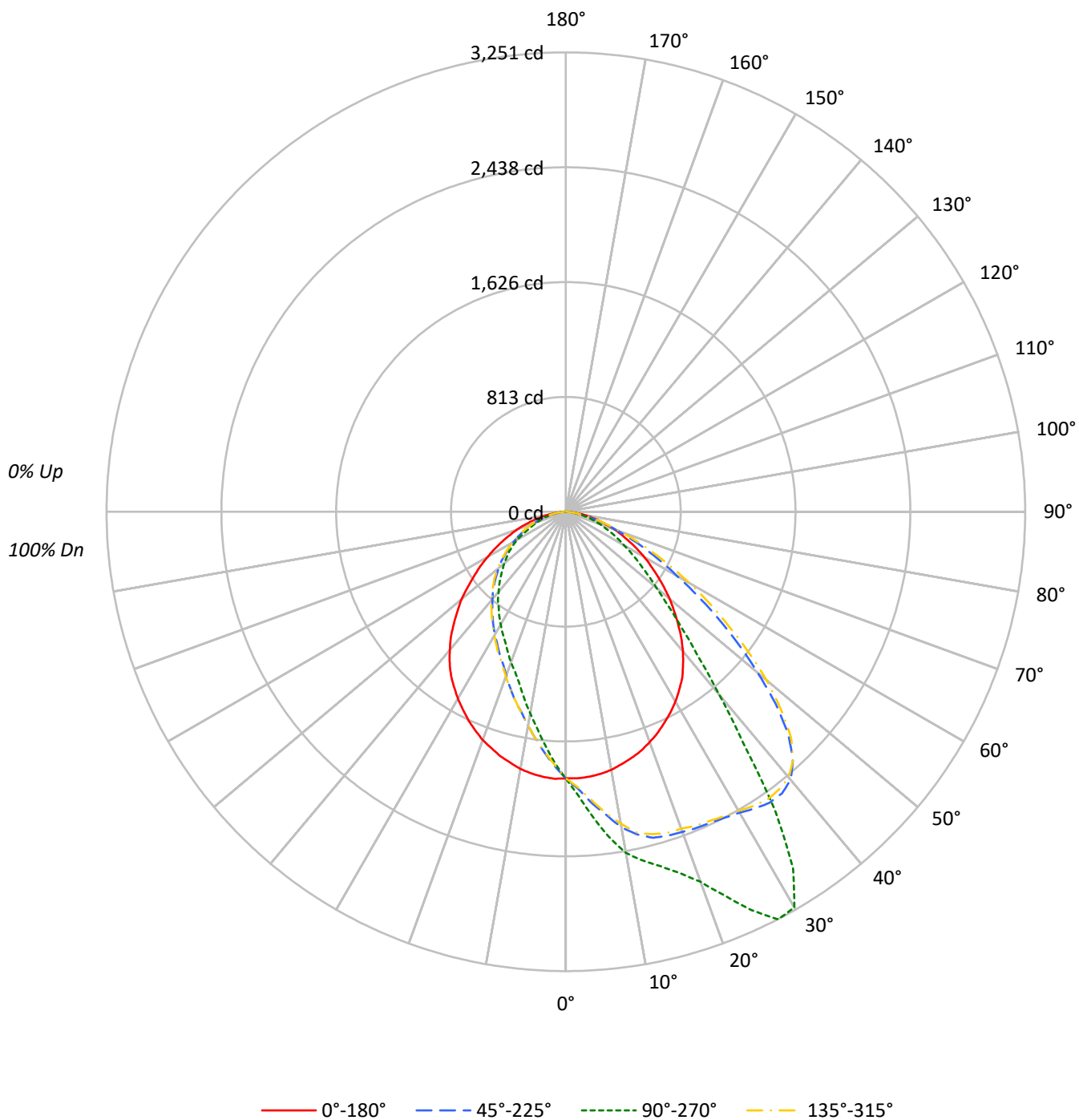
Lumens per Lamp: N/A  
Luminaire Lumens: 4888.0 lumens  
Efficiency: N/A  
Efficacy: 79.7 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 61.3  
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: P1004899

CATALOG NUMBER: S125R3DR-B850DB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1004899

CATALOG NUMBER: S125R3DR-B850DB27-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  |
| 3   | 92  | 83  | 75  | 69  | 90  | 81  | 74  | 69  | 78  | 72  | 67  | 76  | 70  | 66  | 73  | 69  | 65  |
| 4   | 85  | 74  | 66  | 59  | 83  | 73  | 65  | 59  | 70  | 63  | 58  | 68  | 62  | 57  | 66  | 61  | 57  |
| 5   | 79  | 66  | 58  | 52  | 77  | 65  | 57  | 51  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  |
| 6   | 73  | 60  | 52  | 45  | 71  | 59  | 51  | 45  | 57  | 50  | 45  | 56  | 49  | 44  | 54  | 49  | 44  |
| 7   | 68  | 55  | 46  | 40  | 66  | 54  | 46  | 40  | 52  | 45  | 40  | 51  | 44  | 40  | 50  | 44  | 39  |
| 8   | 63  | 50  | 42  | 36  | 61  | 49  | 42  | 36  | 48  | 41  | 36  | 47  | 40  | 36  | 46  | 40  | 35  |
| 9   | 59  | 46  | 38  | 33  | 58  | 45  | 38  | 33  | 44  | 37  | 32  | 43  | 37  | 32  | 42  | 36  | 32  |
| 10  | 55  | 42  | 35  | 30  | 54  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 29  | 39  | 33  | 29  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12088 | 12088 | 12088 | 12088 |
| 5°  | 12104 | 13908 | 12104 | 10690 |
| 10° | 12063 | 15953 | 12023 | 9433  |
| 15° | 11959 | 17231 | 11877 | 8384  |
| 20° | 11829 | 19000 | 11723 | 7741  |
| 25° | 11651 | 21989 | 11520 | 7183  |
| 30° | 11471 | 23928 | 11299 | 6819  |
| 35° | 11231 | 20184 | 11074 | 6482  |
| 40° | 10779 | 14096 | 10688 | 6193  |
| 45° | 10175 | 10456 | 10162 | 5909  |
| 50° | 9557  | 8338  | 9604  | 5667  |
| 55° | 8859  | 7076  | 8841  | 5450  |
| 60° | 8218  | 6114  | 8178  | 5101  |
| 65° | 7468  | 5449  | 7515  | 4392  |
| 70° | 6877  | 4788  | 6849  | 4005  |
| 75° | 5944  | 4142  | 5944  | 3758  |
| 80° | 5029  | 3144  | 4974  | 3144  |
| 85° | 3984  | 2617  | 3874  | 2963  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 20407 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 180.9  | 3.7       |
| 10°-20°   | 530.4  | 10.9      |
| 20°-30°   | 841.0  | 17.2      |
| 30°-40°   | 1016.3 | 20.8      |
| 40°-50°   | 904.8  | 18.5      |
| 50°-60°   | 693.8  | 14.2      |
| 60°-70°   | 450.6  | 9.2       |
| 70°-80°   | 218.7  | 4.5       |
| 80°-90°   | 51.4   | 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°    | 1552.4 | 31.8      |
| 0°-40°    | 2568.6 | 52.5      |
| 0°-60°    | 4167.3 | 85.3      |
| 0°-90°    | 4888.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4888.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1887 | 1887 | 1887 | 1887 | 1887 |      |
| 5°  | 1882 | 2162 | 1882 | 1662 | 1882 | 179  |
| 15° | 1803 | 2598 | 1791 | 1264 | 1803 | 508  |
| 25° | 1648 | 3110 | 1630 | 1016 | 1648 | 760  |
| 35° | 1436 | 2581 | 1416 | 829  | 1436 | 894  |
| 45° | 1123 | 1154 | 1122 | 652  | 1123 | 867  |
| 55° | 793  | 634  | 792  | 488  | 793  | 711  |
| 65° | 493  | 359  | 496  | 290  | 493  | 492  |
| 75° | 240  | 167  | 240  | 152  | 240  | 257  |
| 85° | 54   | 36   | 53   | 40   | 54   | 65   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1004899

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1888.2 | 1903.7 | 1908.4 | 1920.8 | 1934.7 | 1937.8 | 1945.5 | 1956.4 | 1962.6 | 1961.0 | 1961.0 |
| 5°    | 1882.0 | 1908.4 | 1927.0 | 1948.6 | 1975.0 | 1985.8 | 1995.1 | 2018.3 | 2036.9 | 2047.8 | 2066.4 |
| 7.5°  | 1871.2 | 1909.9 | 1940.9 | 1973.4 | 2013.7 | 2032.3 | 2052.4 | 2085.0 | 2119.0 | 2140.7 | 2160.9 |
| 10°   | 1854.2 | 1903.7 | 1947.1 | 1995.1 | 2049.3 | 2077.2 | 2102.0 | 2151.6 | 2193.4 | 2221.3 | 2267.7 |
| 12.5° | 1829.4 | 1891.3 | 1951.7 | 2015.2 | 2083.4 | 2112.8 | 2146.9 | 2201.1 | 2260.0 | 2300.3 | 2339.0 |
| 15°   | 1803.0 | 1877.4 | 1942.4 | 2018.3 | 2100.4 | 2145.4 | 2188.7 | 2246.0 | 2298.7 | 2343.6 | 2388.6 |
| 17.5° | 1772.1 | 1851.1 | 1931.6 | 2018.3 | 2111.3 | 2156.2 | 2193.4 | 2261.5 | 2317.3 | 2362.2 | 2402.5 |
| 20°   | 1734.9 | 1823.2 | 1914.6 | 2010.6 | 2105.1 | 2146.9 | 2182.5 | 2256.9 | 2306.5 | 2354.5 | 2411.8 |
| 22.5° | 1694.6 | 1790.6 | 1888.2 | 1982.7 | 2075.7 | 2120.6 | 2162.4 | 2227.5 | 2281.7 | 2346.7 | 2421.1 |
| 25°   | 1648.1 | 1753.5 | 1852.6 | 1947.1 | 2035.4 | 2077.2 | 2114.4 | 2185.6 | 2261.5 | 2343.6 | 2427.3 |
| 27.5° | 1601.7 | 1703.9 | 1799.9 | 1886.7 | 1982.7 | 2021.4 | 2058.6 | 2148.5 | 2238.3 | 2325.0 | 2439.7 |
| 30°   | 1550.5 | 1654.3 | 1738.0 | 1818.5 | 1911.5 | 1951.7 | 1998.2 | 2100.4 | 2202.7 | 2320.4 | 2459.8 |
| 32.5° | 1493.2 | 1587.7 | 1665.2 | 1748.8 | 1832.5 | 1882.0 | 1940.9 | 2052.4 | 2170.1 | 2311.1 | 2489.2 |
| 35°   | 1435.9 | 1511.8 | 1583.1 | 1662.1 | 1762.8 | 1815.4 | 1872.7 | 1990.5 | 2137.6 | 2306.5 | 2514.0 |
| 37.5° | 1363.1 | 1435.9 | 1491.7 | 1572.2 | 1676.0 | 1738.0 | 1795.3 | 1931.6 | 2098.9 | 2295.6 | 2512.5 |
| 40°   | 1288.8 | 1350.7 | 1403.4 | 1487.0 | 1600.1 | 1657.4 | 1719.4 | 1868.1 | 2058.6 | 2264.6 | 2475.3 |
| 42.5° | 1208.2 | 1260.9 | 1318.2 | 1398.7 | 1508.7 | 1564.5 | 1635.7 | 1809.2 | 2002.9 | 2221.3 | 2379.3 |
| 45°   | 1123.0 | 1174.1 | 1222.2 | 1305.8 | 1415.8 | 1476.2 | 1553.6 | 1731.8 | 1934.7 | 2129.9 | 2224.4 |
| 47.5° | 1039.4 | 1084.3 | 1135.4 | 1208.2 | 1319.7 | 1386.4 | 1465.4 | 1655.9 | 1843.3 | 2007.5 | 2015.2 |
| 50°   | 958.8  | 994.5  | 1037.8 | 1112.2 | 1228.4 | 1291.9 | 1374.0 | 1552.1 | 1734.9 | 1848.0 | 1772.1 |
| 52.5° | 875.2  | 907.7  | 952.6  | 1017.7 | 1126.1 | 1200.5 | 1271.7 | 1449.9 | 1603.2 | 1679.1 | 1539.7 |
| 55°   | 793.1  | 821.0  | 867.4  | 940.2  | 1034.7 | 1092.0 | 1164.8 | 1330.6 | 1465.4 | 1466.9 | 1315.1 |
| 57.5° | 712.5  | 737.3  | 776.0  | 841.1  | 929.4  | 996.0  | 1062.6 | 1206.7 | 1298.1 | 1271.7 | 1102.9 |
| 60°   | 641.3  | 656.8  | 692.4  | 755.9  | 838.0  | 886.0  | 957.3  | 1078.1 | 1138.5 | 1090.5 | 909.3  |
| 62.5° | 566.9  | 582.4  | 610.3  | 661.4  | 738.9  | 790.0  | 834.9  | 934.0  | 975.9  | 903.1  | 754.4  |
| 65°   | 492.6  | 511.2  | 531.3  | 571.6  | 644.4  | 678.5  | 718.7  | 791.5  | 831.8  | 746.6  | 618.1  |
| 67.5° | 427.5  | 436.8  | 457.0  | 498.8  | 549.9  | 580.9  | 608.8  | 658.3  | 666.1  | 597.9  | 492.6  |
| 70°   | 367.1  | 370.2  | 388.8  | 413.6  | 452.3  | 470.9  | 494.1  | 523.6  | 523.6  | 467.8  | 384.2  |
| 72.5° | 299.0  | 303.6  | 317.5  | 343.9  | 367.1  | 376.4  | 384.2  | 402.7  | 399.6  | 348.5  | 291.2  |
| 75°   | 240.1  | 243.2  | 254.0  | 266.4  | 275.7  | 292.8  | 299.0  | 295.9  | 294.3  | 250.9  | 218.4  |
| 77.5° | 185.9  | 187.4  | 195.2  | 206.0  | 207.6  | 213.8  | 209.1  | 209.1  | 195.2  | 170.4  | 153.4  |
| 80°   | 136.3  | 137.9  | 141.0  | 144.1  | 144.1  | 144.1  | 144.1  | 136.3  | 127.0  | 111.5  | 106.9  |
| 82.5° | 91.4   | 91.4   | 92.9   | 96.0   | 94.5   | 91.4   | 88.3   | 80.5   | 74.4   | 69.7   | 66.6   |
| 85°   | 54.2   | 54.2   | 55.8   | 54.2   | 48.0   | 46.5   | 43.4   | 41.8   | 40.3   | 38.7   | 38.7   |
| 87.5° | 26.3   | 24.8   | 21.7   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 17.0   | 17.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1968.8 | 1979.6 | 1988.9 | 1984.3 | 2002.9 | 2001.3 | 2004.4 | 2010.6 | 2012.1 | 2009.1 | 2002.9 |
| 5°    | 2075.7 | 2091.1 | 2117.5 | 2131.4 | 2128.3 | 2140.7 | 2146.9 | 2156.2 | 2165.5 | 2162.4 | 2162.4 |
| 7.5°  | 2194.9 | 2216.6 | 2242.9 | 2278.6 | 2283.2 | 2294.1 | 2312.7 | 2312.7 | 2323.5 | 2318.9 | 2317.3 |
| 10°   | 2298.7 | 2325.0 | 2366.9 | 2394.8 | 2407.1 | 2413.3 | 2431.9 | 2438.1 | 2450.5 | 2452.1 | 2452.1 |
| 12.5° | 2383.9 | 2430.4 | 2458.3 | 2486.1 | 2492.3 | 2501.6 | 2515.6 | 2524.9 | 2529.5 | 2529.5 | 2524.9 |
| 15°   | 2428.8 | 2466.0 | 2498.5 | 2528.0 | 2545.0 | 2552.7 | 2566.7 | 2577.5 | 2583.7 | 2597.7 | 2600.8 |
| 17.5° | 2447.4 | 2492.3 | 2545.0 | 2586.8 | 2616.3 | 2624.0 | 2651.9 | 2661.2 | 2673.6 | 2679.8 | 2687.5 |
| 20°   | 2473.8 | 2538.8 | 2602.3 | 2653.4 | 2681.3 | 2701.5 | 2730.9 | 2774.3 | 2786.6 | 2786.6 | 2782.0 |
| 22.5° | 2497.0 | 2580.6 | 2667.4 | 2749.5 | 2772.7 | 2813.0 | 2867.2 | 2913.7 | 2932.3 | 2940.0 | 2933.8 |
| 25°   | 2524.9 | 2639.5 | 2752.6 | 2854.8 | 2918.3 | 2947.7 | 3020.5 | 3076.3 | 3098.0 | 3110.4 | 3113.5 |
| 27.5° | 2572.9 | 2716.9 | 2861.0 | 2991.1 | 3056.2 | 3090.3 | 3166.2 | 3214.2 | 3240.5 | 3251.3 | 3243.6 |
| 30°   | 2627.1 | 2803.7 | 2971.0 | 3087.2 | 3130.5 | 3172.3 | 3221.9 | 3240.5 | 3234.3 | 3234.3 | 3257.5 |
| 32.5° | 2682.9 | 2865.6 | 3014.4 | 3090.3 | 3105.7 | 3099.5 | 3079.4 | 3023.6 | 2991.1 | 2991.1 | 3011.3 |
| 35°   | 2713.8 | 2871.8 | 2947.7 | 2923.0 | 2862.5 | 2826.9 | 2716.9 | 2655.0 | 2585.3 | 2580.6 | 2603.9 |
| 37.5° | 2696.8 | 2765.0 | 2734.0 | 2571.3 | 2489.2 | 2421.1 | 2249.1 | 2181.0 | 2129.9 | 2058.6 | 2168.6 |
| 40°   | 2577.5 | 2554.3 | 2393.2 | 2159.3 | 2067.9 | 1971.9 | 1835.6 | 1767.4 | 1696.2 | 1685.3 | 1711.6 |
| 42.5° | 2376.2 | 2238.3 | 2002.9 | 1776.7 | 1683.8 | 1615.6 | 1511.8 | 1445.2 | 1400.3 | 1381.7 | 1412.7 |
| 45°   | 2125.2 | 1908.4 | 1672.9 | 1493.2 | 1391.0 | 1355.4 | 1260.9 | 1202.0 | 1167.9 | 1154.0 | 1175.7 |
| 47.5° | 1818.5 | 1600.1 | 1377.1 | 1225.3 | 1164.8 | 1129.2 | 1065.7 | 1014.6 | 985.2  | 975.9  | 985.2  |
| 50°   | 1544.4 | 1319.7 | 1132.3 | 1034.7 | 980.5  | 951.1  | 898.4  | 865.9  | 842.7  | 836.5  | 851.9  |
| 52.5° | 1307.4 | 1102.9 | 960.4  | 873.6  | 838.0  | 813.2  | 776.0  | 748.2  | 734.2  | 728.0  | 738.9  |
| 55°   | 1095.1 | 929.4  | 814.8  | 740.4  | 714.1  | 698.6  | 666.1  | 650.6  | 635.1  | 633.5  | 644.4  |
| 57.5° | 907.7  | 793.1  | 687.8  | 635.1  | 627.3  | 604.1  | 576.2  | 562.3  | 554.5  | 553.0  | 557.6  |
| 60°   | 755.9  | 653.7  | 590.2  | 543.7  | 532.9  | 514.3  | 498.8  | 489.5  | 480.2  | 477.1  | 480.2  |
| 62.5° | 628.9  | 548.3  | 497.2  | 466.2  | 450.8  | 446.1  | 429.1  | 418.2  | 416.7  | 416.7  | 419.8  |
| 65°   | 518.9  | 450.8  | 418.2  | 393.4  | 382.6  | 378.0  | 365.6  | 357.8  | 359.4  | 359.4  | 360.9  |
| 67.5° | 422.9  | 373.3  | 343.9  | 331.5  | 322.2  | 320.6  | 308.3  | 305.2  | 302.1  | 302.1  | 305.2  |
| 70°   | 336.1  | 305.2  | 283.5  | 277.3  | 275.7  | 264.9  | 260.2  | 258.7  | 254.0  | 255.6  | 255.6  |
| 72.5° | 263.3  | 243.2  | 230.8  | 221.5  | 223.1  | 216.9  | 210.7  | 210.7  | 207.6  | 212.2  | 212.2  |
| 75°   | 195.2  | 185.9  | 176.6  | 173.5  | 176.6  | 173.5  | 168.8  | 167.3  | 168.8  | 167.3  | 167.3  |
| 77.5° | 144.1  | 139.4  | 136.3  | 134.8  | 134.8  | 128.6  | 125.5  | 128.6  | 122.4  | 125.5  | 125.5  |
| 80°   | 100.7  | 94.5   | 92.9   | 89.8   | 91.4   | 86.7   | 88.3   | 85.2   | 85.2   | 85.2   | 85.2   |
| 82.5° | 63.5   | 62.0   | 62.0   | 62.0   | 60.4   | 60.4   | 60.4   | 60.4   | 60.4   | 60.4   | 58.9   |
| 85°   | 38.7   | 37.2   | 37.2   | 37.2   | 35.6   | 35.6   | 35.6   | 35.6   | 35.6   | 35.6   | 35.6   |
| 87.5° | 15.5   | 17.0   | 17.0   | 18.6   | 17.0   | 15.5   | 15.5   | 15.5   | 17.0   | 17.0   | 15.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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CATALOG NUMBER: S125R3DR-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 2010.6 | 1999.8 | 2004.4 | 1999.8 | 1995.1 | 1990.5 | 1979.6 | 1964.1 | 1951.7 | 1942.4 | 1940.9 |
| 5°    | 2165.5 | 2151.6 | 2142.3 | 2137.6 | 2128.3 | 2115.9 | 2095.8 | 2072.6 | 2044.7 | 2033.8 | 2012.1 |
| 7.5°  | 2308.0 | 2303.4 | 2281.7 | 2278.6 | 2272.4 | 2249.1 | 2215.1 | 2184.1 | 2148.5 | 2119.0 | 2091.1 |
| 10°   | 2442.8 | 2431.9 | 2416.4 | 2394.8 | 2391.7 | 2362.2 | 2329.7 | 2286.3 | 2239.9 | 2212.0 | 2162.4 |
| 12.5° | 2526.4 | 2514.0 | 2497.0 | 2483.0 | 2475.3 | 2456.7 | 2411.8 | 2368.4 | 2326.6 | 2275.5 | 2232.1 |
| 15°   | 2586.8 | 2571.3 | 2540.4 | 2529.5 | 2520.2 | 2495.4 | 2462.9 | 2418.0 | 2362.2 | 2326.6 | 2264.6 |
| 17.5° | 2668.9 | 2650.3 | 2619.4 | 2599.2 | 2582.2 | 2543.5 | 2497.0 | 2436.6 | 2383.9 | 2343.6 | 2287.9 |
| 20°   | 2763.4 | 2735.5 | 2695.3 | 2668.9 | 2644.1 | 2599.2 | 2534.2 | 2462.9 | 2387.0 | 2337.4 | 2280.1 |
| 22.5° | 2919.9 | 2867.2 | 2803.7 | 2766.5 | 2732.4 | 2655.0 | 2577.5 | 2489.2 | 2404.0 | 2329.7 | 2260.0 |
| 25°   | 3071.7 | 3019.0 | 2940.0 | 2888.9 | 2836.2 | 2746.4 | 2644.1 | 2521.8 | 2413.3 | 2326.6 | 2235.2 |
| 27.5° | 3212.6 | 3158.4 | 3085.6 | 3023.6 | 2972.5 | 2837.8 | 2703.0 | 2565.1 | 2427.3 | 2308.0 | 2215.1 |
| 30°   | 3245.2 | 3221.9 | 3166.2 | 3111.9 | 3065.5 | 2941.5 | 2785.1 | 2610.1 | 2444.3 | 2291.0 | 2187.2 |
| 32.5° | 3048.4 | 3105.7 | 3119.7 | 3111.9 | 3082.5 | 2994.2 | 2850.2 | 2665.8 | 2469.1 | 2283.2 | 2140.7 |
| 35°   | 2639.5 | 2743.3 | 2850.2 | 2907.5 | 2935.4 | 2947.7 | 2862.5 | 2693.7 | 2486.1 | 2270.8 | 2109.7 |
| 37.5° | 2188.7 | 2289.4 | 2458.3 | 2543.5 | 2637.9 | 2761.9 | 2795.9 | 2687.5 | 2478.4 | 2261.5 | 2060.2 |
| 40°   | 1798.4 | 1927.0 | 2066.4 | 2143.8 | 2225.9 | 2449.0 | 2617.8 | 2605.4 | 2453.6 | 2227.5 | 2021.4 |
| 42.5° | 1463.8 | 1544.4 | 1666.7 | 1751.9 | 1852.6 | 2102.0 | 2328.1 | 2439.7 | 2379.3 | 2185.6 | 1971.9 |
| 45°   | 1220.6 | 1282.6 | 1369.3 | 1456.1 | 1518.0 | 1744.2 | 2012.1 | 2194.9 | 2252.2 | 2111.3 | 1896.0 |
| 47.5° | 1028.5 | 1075.0 | 1150.9 | 1205.1 | 1271.7 | 1449.9 | 1682.2 | 1939.3 | 2060.2 | 2006.0 | 1815.4 |
| 50°   | 881.4  | 918.6  | 979.0  | 1013.0 | 1071.9 | 1225.3 | 1401.8 | 1671.4 | 1854.2 | 1860.3 | 1708.5 |
| 52.5° | 752.8  | 790.0  | 841.1  | 870.5  | 906.2  | 1009.9 | 1188.1 | 1415.8 | 1626.4 | 1703.9 | 1586.2 |
| 55°   | 655.2  | 676.9  | 718.7  | 742.0  | 774.5  | 875.2  | 988.3  | 1181.9 | 1401.8 | 1528.9 | 1454.5 |
| 57.5° | 565.4  | 588.6  | 615.0  | 633.5  | 656.8  | 737.3  | 839.6  | 985.2  | 1203.6 | 1341.4 | 1316.6 |
| 60°   | 492.6  | 506.5  | 531.3  | 545.2  | 566.9  | 619.6  | 690.9  | 836.5  | 1009.9 | 1140.1 | 1154.0 |
| 62.5° | 424.4  | 436.8  | 453.9  | 466.2  | 480.2  | 522.0  | 574.7  | 678.5  | 830.3  | 971.2  | 989.8  |
| 65°   | 365.6  | 376.4  | 385.7  | 396.5  | 407.4  | 433.7  | 478.6  | 559.2  | 676.9  | 808.6  | 848.9  |
| 67.5° | 312.9  | 316.0  | 329.9  | 331.5  | 337.7  | 357.8  | 390.3  | 455.4  | 540.6  | 645.9  | 698.6  |
| 70°   | 261.8  | 268.0  | 271.1  | 275.7  | 281.9  | 295.9  | 322.2  | 356.3  | 419.8  | 505.0  | 554.5  |
| 72.5° | 212.2  | 213.8  | 218.4  | 221.5  | 227.7  | 238.5  | 250.9  | 277.3  | 317.5  | 379.5  | 424.4  |
| 75°   | 168.8  | 170.4  | 173.5  | 175.0  | 179.7  | 182.8  | 189.0  | 207.6  | 235.4  | 272.6  | 305.2  |
| 77.5° | 127.0  | 130.1  | 133.2  | 133.2  | 134.8  | 137.9  | 141.0  | 147.2  | 161.1  | 185.9  | 213.8  |
| 80°   | 86.7   | 88.3   | 88.3   | 89.8   | 88.3   | 92.9   | 97.6   | 105.3  | 111.5  | 119.3  | 133.2  |
| 82.5° | 60.4   | 60.4   | 60.4   | 62.0   | 62.0   | 63.5   | 63.5   | 65.1   | 66.6   | 71.3   | 77.4   |
| 85°   | 37.2   | 37.2   | 38.7   | 35.6   | 37.2   | 38.7   | 38.7   | 37.2   | 38.7   | 40.3   | 41.8   |
| 87.5° | 15.5   | 15.5   | 17.0   | 17.0   | 17.0   | 17.0   | 15.5   | 17.0   | 15.5   | 17.0   | 17.0   |
| 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: P1004899

CATALOG NUMBER: S125R3DR-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1936.2 | 1927.0 | 1920.8 | 1919.2 | 1909.9 | 1902.2 | 1892.9 | 1891.3 | 1886.7 | 1874.3 | 1866.5 |
| 5°    | 1996.7 | 1975.0 | 1970.3 | 1956.4 | 1933.2 | 1916.1 | 1894.4 | 1882.0 | 1868.1 | 1844.9 | 1826.3 |
| 7.5°  | 2058.6 | 2029.2 | 2007.5 | 1987.4 | 1954.8 | 1923.9 | 1892.9 | 1868.1 | 1843.3 | 1809.2 | 1781.3 |
| 10°   | 2119.0 | 2074.1 | 2047.8 | 2018.3 | 1973.4 | 1927.0 | 1883.6 | 1848.0 | 1807.7 | 1767.4 | 1727.1 |
| 12.5° | 2174.8 | 2117.5 | 2078.8 | 2036.9 | 1981.2 | 1923.9 | 1868.1 | 1818.5 | 1776.7 | 1722.5 | 1677.6 |
| 15°   | 2208.9 | 2145.4 | 2106.6 | 2066.4 | 1982.7 | 1919.2 | 1854.2 | 1790.6 | 1734.9 | 1677.6 | 1635.7 |
| 17.5° | 2229.0 | 2157.8 | 2114.4 | 2077.2 | 1992.0 | 1905.3 | 1821.6 | 1753.5 | 1693.1 | 1624.9 | 1569.1 |
| 20°   | 2219.7 | 2150.0 | 2109.7 | 2074.1 | 1975.0 | 1888.2 | 1798.4 | 1719.4 | 1643.5 | 1573.8 | 1514.9 |
| 22.5° | 2199.6 | 2126.8 | 2081.9 | 2049.3 | 1961.0 | 1858.8 | 1759.7 | 1674.5 | 1595.5 | 1525.8 | 1459.2 |
| 25°   | 2156.2 | 2085.0 | 2046.2 | 2006.0 | 1919.2 | 1821.6 | 1720.9 | 1629.5 | 1545.9 | 1471.5 | 1397.2 |
| 27.5° | 2117.5 | 2030.7 | 1990.5 | 1954.8 | 1863.4 | 1776.7 | 1677.6 | 1576.9 | 1491.7 | 1414.2 | 1339.9 |
| 30°   | 2072.6 | 1975.0 | 1931.6 | 1883.6 | 1801.5 | 1719.4 | 1620.3 | 1527.3 | 1439.0 | 1356.9 | 1285.7 |
| 32.5° | 2024.5 | 1911.5 | 1861.9 | 1807.7 | 1724.0 | 1646.6 | 1562.9 | 1471.5 | 1383.3 | 1302.7 | 1228.4 |
| 35°   | 1962.6 | 1841.8 | 1784.4 | 1733.3 | 1646.6 | 1569.1 | 1491.7 | 1415.8 | 1327.5 | 1242.3 | 1171.0 |
| 37.5° | 1903.7 | 1770.5 | 1710.1 | 1651.2 | 1559.8 | 1485.5 | 1422.0 | 1350.7 | 1265.5 | 1183.4 | 1115.3 |
| 40°   | 1837.1 | 1683.8 | 1621.8 | 1567.6 | 1473.1 | 1391.0 | 1333.7 | 1277.9 | 1203.6 | 1124.6 | 1050.2 |
| 42.5° | 1776.7 | 1603.2 | 1538.2 | 1482.4 | 1383.3 | 1305.8 | 1251.6 | 1205.1 | 1140.1 | 1067.3 | 991.4  |
| 45°   | 1693.1 | 1516.5 | 1449.9 | 1391.0 | 1290.3 | 1217.5 | 1161.7 | 1121.5 | 1070.4 | 1002.2 | 934.0  |
| 47.5° | 1615.6 | 1432.8 | 1360.0 | 1288.8 | 1197.4 | 1123.0 | 1071.9 | 1040.9 | 1006.8 | 946.4  | 876.7  |
| 50°   | 1521.1 | 1336.8 | 1262.4 | 1203.6 | 1099.8 | 1036.3 | 985.2  | 963.5  | 932.5  | 875.2  | 819.4  |
| 52.5° | 1418.9 | 1243.8 | 1174.1 | 1102.9 | 1006.8 | 944.9  | 900.0  | 875.2  | 850.4  | 808.6  | 755.9  |
| 55°   | 1299.6 | 1140.1 | 1075.0 | 1011.5 | 915.5  | 858.1  | 817.9  | 791.5  | 777.6  | 738.9  | 700.1  |
| 57.5° | 1185.0 | 1034.7 | 974.3  | 915.5  | 831.8  | 766.8  | 740.4  | 717.2  | 697.0  | 669.2  | 636.6  |
| 60°   | 1068.8 | 932.5  | 867.4  | 814.8  | 742.0  | 683.1  | 661.4  | 638.2  | 622.7  | 601.0  | 577.8  |
| 62.5° | 935.6  | 819.4  | 769.9  | 720.3  | 658.3  | 611.9  | 587.1  | 568.5  | 548.3  | 534.4  | 514.3  |
| 65°   | 794.6  | 712.5  | 664.5  | 627.3  | 568.5  | 526.7  | 508.1  | 495.7  | 478.6  | 464.7  | 449.2  |
| 67.5° | 663.0  | 597.9  | 577.8  | 537.5  | 492.6  | 455.4  | 441.5  | 426.0  | 412.0  | 404.3  | 390.3  |
| 70°   | 536.0  | 489.5  | 469.3  | 458.5  | 408.9  | 384.2  | 371.8  | 365.6  | 348.5  | 340.8  | 331.5  |
| 72.5° | 415.1  | 398.1  | 384.2  | 370.2  | 337.7  | 322.2  | 308.3  | 302.1  | 289.7  | 283.5  | 280.4  |
| 75°   | 306.7  | 295.9  | 288.1  | 286.6  | 272.6  | 257.1  | 243.2  | 240.1  | 230.8  | 224.6  | 221.5  |
| 77.5° | 215.3  | 212.2  | 210.7  | 212.2  | 202.9  | 193.6  | 190.5  | 187.4  | 176.6  | 175.0  | 175.0  |
| 80°   | 141.0  | 148.7  | 148.7  | 147.2  | 144.1  | 142.5  | 137.9  | 134.8  | 128.6  | 127.0  | 128.6  |
| 82.5° | 86.7   | 91.4   | 92.9   | 96.0   | 94.5   | 92.9   | 89.8   | 88.3   | 89.8   | 86.7   | 88.3   |
| 85°   | 43.4   | 46.5   | 52.7   | 52.7   | 54.2   | 54.2   | 54.2   | 52.7   | 49.6   | 51.1   | 49.6   |
| 87.5° | 17.0   | 18.6   | 18.6   | 18.6   | 17.0   | 21.7   | 23.2   | 23.2   | 23.2   | 20.1   | 20.1   |
| 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: P1004899

CATALOG NUMBER: S125R3DR-B850DB27-4FO-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1861.9 | 1855.7 | 1851.1 | 1846.4 | 1826.3 | 1804.6 | 1801.5 | 1796.8 | 1787.5 | 1798.4 | 1793.7 |
| 5°    | 1813.9 | 1799.9 | 1792.2 | 1772.1 | 1747.3 | 1728.7 | 1713.2 | 1694.6 | 1686.9 | 1680.7 | 1679.1 |
| 7.5°  | 1755.0 | 1742.6 | 1728.7 | 1708.5 | 1677.6 | 1646.6 | 1623.4 | 1604.8 | 1589.3 | 1581.5 | 1581.5 |
| 10°   | 1697.7 | 1682.2 | 1663.6 | 1629.5 | 1600.1 | 1561.4 | 1536.6 | 1518.0 | 1496.3 | 1483.9 | 1473.1 |
| 12.5° | 1638.8 | 1621.8 | 1604.8 | 1561.4 | 1527.3 | 1487.0 | 1451.4 | 1428.2 | 1417.3 | 1403.4 | 1384.8 |
| 15°   | 1580.0 | 1553.6 | 1536.6 | 1493.2 | 1449.9 | 1409.6 | 1386.4 | 1361.6 | 1336.8 | 1322.8 | 1316.6 |
| 17.5° | 1518.0 | 1499.4 | 1471.5 | 1425.1 | 1377.1 | 1341.4 | 1307.4 | 1284.1 | 1254.7 | 1240.7 | 1226.8 |
| 20°   | 1462.3 | 1434.4 | 1406.5 | 1360.0 | 1313.6 | 1265.5 | 1231.5 | 1203.6 | 1185.0 | 1174.1 | 1161.7 |
| 22.5° | 1395.6 | 1369.3 | 1346.1 | 1296.5 | 1245.4 | 1200.5 | 1163.3 | 1146.3 | 1127.7 | 1110.6 | 1098.2 |
| 25°   | 1338.3 | 1312.0 | 1288.8 | 1234.6 | 1178.8 | 1137.0 | 1109.1 | 1087.4 | 1067.3 | 1059.5 | 1047.1 |
| 27.5° | 1277.9 | 1253.1 | 1222.2 | 1167.9 | 1118.4 | 1082.7 | 1053.3 | 1033.2 | 1017.7 | 1002.2 | 992.9  |
| 30°   | 1220.6 | 1192.7 | 1164.8 | 1106.0 | 1065.7 | 1030.1 | 1002.2 | 977.4  | 965.0  | 957.3  | 941.8  |
| 32.5° | 1164.8 | 1129.2 | 1106.0 | 1051.8 | 1013.0 | 979.0  | 955.7  | 934.0  | 918.6  | 904.6  | 892.2  |
| 35°   | 1104.4 | 1065.7 | 1042.5 | 997.6  | 957.3  | 923.2  | 903.1  | 887.6  | 869.0  | 856.6  | 850.4  |
| 37.5° | 1047.1 | 1014.6 | 991.4  | 944.9  | 904.6  | 876.7  | 855.0  | 834.9  | 827.2  | 810.1  | 807.0  |
| 40°   | 985.2  | 957.3  | 935.6  | 890.7  | 853.5  | 831.8  | 808.6  | 790.0  | 776.0  | 768.3  | 757.5  |
| 42.5° | 929.4  | 906.2  | 882.9  | 841.1  | 805.5  | 779.1  | 762.1  | 745.1  | 732.7  | 720.3  | 712.5  |
| 45°   | 878.3  | 853.5  | 831.8  | 791.5  | 755.9  | 732.7  | 715.6  | 695.5  | 692.4  | 675.4  | 667.6  |
| 47.5° | 824.1  | 802.4  | 783.8  | 742.0  | 709.4  | 686.2  | 666.1  | 652.1  | 638.2  | 632.0  | 621.1  |
| 50°   | 771.4  | 749.7  | 728.0  | 690.9  | 661.4  | 638.2  | 618.1  | 602.6  | 594.8  | 585.5  | 576.2  |
| 52.5° | 714.1  | 697.0  | 680.0  | 641.3  | 611.9  | 591.7  | 574.7  | 554.5  | 546.8  | 539.1  | 532.9  |
| 55°   | 666.1  | 641.3  | 622.7  | 590.2  | 563.8  | 542.1  | 523.6  | 508.1  | 500.3  | 494.1  | 486.4  |
| 57.5° | 601.0  | 585.5  | 570.0  | 540.6  | 515.8  | 494.1  | 475.5  | 463.2  | 453.9  | 449.2  | 450.8  |
| 60°   | 545.2  | 528.2  | 518.9  | 487.9  | 463.2  | 446.1  | 429.1  | 416.7  | 407.4  | 402.7  | 401.2  |
| 62.5° | 486.4  | 474.0  | 457.0  | 435.3  | 410.5  | 395.0  | 382.6  | 373.3  | 357.8  | 356.3  | 351.6  |
| 65°   | 429.1  | 419.8  | 404.3  | 384.2  | 364.0  | 350.1  | 336.1  | 323.7  | 317.5  | 309.8  | 305.2  |
| 67.5° | 373.3  | 364.0  | 350.1  | 333.0  | 319.1  | 305.2  | 292.8  | 280.4  | 269.5  | 263.3  | 260.2  |
| 70°   | 319.1  | 311.3  | 302.1  | 281.9  | 264.9  | 254.0  | 244.7  | 237.0  | 226.2  | 223.1  | 221.5  |
| 72.5° | 266.4  | 258.7  | 254.0  | 237.0  | 221.5  | 212.2  | 202.9  | 195.2  | 190.5  | 189.0  | 184.3  |
| 75°   | 218.4  | 210.7  | 204.5  | 189.0  | 179.7  | 173.5  | 164.2  | 161.1  | 156.4  | 154.9  | 153.4  |
| 77.5° | 170.4  | 162.6  | 161.1  | 150.3  | 139.4  | 136.3  | 133.2  | 127.0  | 127.0  | 127.0  | 123.9  |
| 80°   | 122.4  | 120.8  | 119.3  | 108.4  | 103.8  | 100.7  | 99.1   | 94.5   | 91.4   | 88.3   | 86.7   |
| 82.5° | 82.1   | 80.5   | 79.0   | 74.4   | 69.7   | 68.2   | 66.6   | 63.5   | 63.5   | 65.1   | 62.0   |
| 85°   | 49.6   | 46.5   | 44.9   | 43.4   | 40.3   | 40.3   | 41.8   | 40.3   | 40.3   | 40.3   | 38.7   |
| 87.5° | 18.6   | 18.6   | 18.6   | 18.6   | 20.1   | 17.0   | 18.6   | 18.6   | 17.0   | 17.0   | 15.5   |
| 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: P1004899

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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1786.0 | 1789.1 | 1781.3 | 1778.3 | 1772.1 | 1779.8 | 1781.3 | 1779.8 | 1793.7 | 1787.5 | 1790.6 |
| 5°    | 1682.2 | 1676.0 | 1671.4 | 1660.5 | 1660.5 | 1662.1 | 1666.7 | 1659.0 | 1663.6 | 1674.5 | 1672.9 |
| 7.5°  | 1567.6 | 1564.5 | 1566.0 | 1553.6 | 1544.4 | 1547.4 | 1544.4 | 1558.3 | 1566.0 | 1562.9 | 1569.1 |
| 10°   | 1463.8 | 1470.0 | 1456.1 | 1449.9 | 1443.7 | 1449.9 | 1448.3 | 1451.4 | 1460.7 | 1466.9 | 1477.7 |
| 12.5° | 1380.2 | 1378.6 | 1370.9 | 1364.7 | 1353.8 | 1356.9 | 1366.2 | 1363.1 | 1364.7 | 1378.6 | 1377.1 |
| 15°   | 1301.2 | 1291.9 | 1285.7 | 1271.7 | 1274.8 | 1264.0 | 1273.3 | 1284.1 | 1288.8 | 1301.2 | 1308.9 |
| 17.5° | 1222.2 | 1220.6 | 1212.9 | 1211.3 | 1194.3 | 1189.6 | 1198.9 | 1202.0 | 1206.7 | 1212.9 | 1223.7 |
| 20°   | 1155.6 | 1154.0 | 1143.2 | 1140.1 | 1126.1 | 1135.4 | 1132.3 | 1138.5 | 1141.6 | 1154.0 | 1158.7 |
| 22.5° | 1095.1 | 1087.4 | 1084.3 | 1079.7 | 1075.0 | 1073.5 | 1079.7 | 1078.1 | 1088.9 | 1093.6 | 1095.1 |
| 25°   | 1039.4 | 1033.2 | 1031.6 | 1023.9 | 1020.8 | 1016.1 | 1020.8 | 1025.4 | 1037.8 | 1042.5 | 1048.7 |
| 27.5° | 988.3  | 983.6  | 980.5  | 974.3  | 969.7  | 969.7  | 972.8  | 979.0  | 983.6  | 986.7  | 989.8  |
| 30°   | 941.8  | 938.7  | 929.4  | 926.3  | 921.7  | 921.7  | 921.7  | 924.8  | 932.5  | 941.8  | 946.4  |
| 32.5° | 893.8  | 887.6  | 881.4  | 881.4  | 876.7  | 876.7  | 878.3  | 881.4  | 889.1  | 890.7  | 898.4  |
| 35°   | 847.3  | 841.1  | 836.5  | 833.4  | 834.9  | 828.7  | 831.8  | 836.5  | 845.8  | 848.9  | 853.5  |
| 37.5° | 802.4  | 800.8  | 791.5  | 786.9  | 790.0  | 790.0  | 788.4  | 791.5  | 797.7  | 803.9  | 807.0  |
| 40°   | 752.8  | 749.7  | 749.7  | 745.1  | 746.6  | 740.4  | 745.1  | 748.2  | 751.3  | 757.5  | 762.1  |
| 42.5° | 709.4  | 706.3  | 700.1  | 701.7  | 697.0  | 697.0  | 700.1  | 701.7  | 706.3  | 714.1  | 717.2  |
| 45°   | 663.0  | 663.0  | 659.9  | 655.2  | 656.8  | 652.1  | 655.2  | 656.8  | 663.0  | 670.7  | 667.6  |
| 47.5° | 618.1  | 616.5  | 616.5  | 610.3  | 613.4  | 608.8  | 613.4  | 615.0  | 618.1  | 622.7  | 621.1  |
| 50°   | 574.7  | 570.0  | 571.6  | 570.0  | 568.5  | 568.5  | 571.6  | 571.6  | 574.7  | 574.7  | 579.3  |
| 52.5° | 529.8  | 529.8  | 526.7  | 528.2  | 531.3  | 528.2  | 532.9  | 528.2  | 531.3  | 532.9  | 536.0  |
| 55°   | 489.5  | 486.4  | 487.9  | 486.4  | 492.6  | 487.9  | 492.6  | 489.5  | 492.6  | 491.0  | 494.1  |
| 57.5° | 446.1  | 441.5  | 443.0  | 441.5  | 446.1  | 444.6  | 449.2  | 444.6  | 446.1  | 447.7  | 452.3  |
| 60°   | 396.5  | 396.5  | 396.5  | 393.4  | 398.1  | 398.1  | 396.5  | 396.5  | 402.7  | 405.8  | 404.3  |
| 62.5° | 350.1  | 348.5  | 343.9  | 342.3  | 343.9  | 340.8  | 347.0  | 345.4  | 348.5  | 351.6  | 354.7  |
| 65°   | 299.0  | 295.9  | 294.3  | 291.2  | 291.2  | 289.7  | 291.2  | 297.4  | 299.0  | 300.5  | 308.3  |
| 67.5° | 257.1  | 255.6  | 254.0  | 249.4  | 249.4  | 252.5  | 252.5  | 252.5  | 261.8  | 257.1  | 263.3  |
| 70°   | 220.0  | 216.9  | 213.8  | 212.2  | 212.2  | 213.8  | 215.3  | 216.9  | 215.3  | 221.5  | 223.1  |
| 72.5° | 184.3  | 185.9  | 182.8  | 182.8  | 182.8  | 181.2  | 181.2  | 184.3  | 185.9  | 184.3  | 185.9  |
| 75°   | 153.4  | 153.4  | 151.8  | 153.4  | 153.4  | 151.8  | 151.8  | 154.9  | 154.9  | 153.4  | 158.0  |
| 77.5° | 123.9  | 122.4  | 119.3  | 116.2  | 117.7  | 116.2  | 117.7  | 116.2  | 120.8  | 125.5  | 122.4  |
| 80°   | 86.7   | 85.2   | 85.2   | 85.2   | 86.7   | 85.2   | 88.3   | 85.2   | 86.7   | 86.7   | 88.3   |
| 82.5° | 62.0   | 63.5   | 63.5   | 62.0   | 63.5   | 62.0   | 63.5   | 63.5   | 63.5   | 62.0   | 63.5   |
| 85°   | 40.3   | 40.3   | 40.3   | 40.3   | 38.7   | 40.3   | 40.3   | 40.3   | 41.8   | 40.3   | 41.8   |
| 87.5° | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 17.0   | 18.6   | 17.0   | 18.6   |
| 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: P1004899

CATALOG NUMBER: S125R3DR-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1784.4 | 1792.2 | 1786.0 | 1781.3 | 1793.7 | 1799.9 | 1799.9 | 1810.8 | 1821.6 | 1830.9 | 1832.5 |
| 5°    | 1674.5 | 1686.9 | 1690.0 | 1688.4 | 1707.0 | 1716.3 | 1736.4 | 1747.3 | 1762.8 | 1773.6 | 1786.0 |
| 7.5°  | 1573.8 | 1590.8 | 1592.4 | 1595.5 | 1623.4 | 1638.8 | 1655.9 | 1683.8 | 1705.4 | 1720.9 | 1734.9 |
| 10°   | 1473.1 | 1483.9 | 1494.8 | 1508.7 | 1536.6 | 1562.9 | 1587.7 | 1617.2 | 1645.0 | 1660.5 | 1680.7 |
| 12.5° | 1397.2 | 1404.9 | 1417.3 | 1426.6 | 1456.1 | 1479.3 | 1511.8 | 1552.1 | 1592.4 | 1604.8 | 1629.5 |
| 15°   | 1318.2 | 1322.8 | 1347.6 | 1356.9 | 1381.7 | 1420.4 | 1440.6 | 1479.3 | 1522.7 | 1545.9 | 1573.8 |
| 17.5° | 1226.8 | 1254.7 | 1270.2 | 1281.0 | 1312.0 | 1343.0 | 1375.5 | 1415.8 | 1471.5 | 1493.2 | 1513.4 |
| 20°   | 1161.7 | 1181.9 | 1198.9 | 1212.9 | 1240.7 | 1287.2 | 1316.6 | 1349.2 | 1401.8 | 1426.6 | 1456.1 |
| 22.5° | 1104.4 | 1121.5 | 1137.0 | 1152.5 | 1171.0 | 1212.9 | 1246.9 | 1291.9 | 1344.5 | 1367.8 | 1401.8 |
| 25°   | 1050.2 | 1067.3 | 1076.6 | 1095.1 | 1119.9 | 1149.4 | 1189.6 | 1229.9 | 1282.6 | 1308.9 | 1341.4 |
| 27.5° | 997.6  | 1014.6 | 1031.6 | 1047.1 | 1064.2 | 1092.0 | 1119.9 | 1171.0 | 1225.3 | 1256.2 | 1284.1 |
| 30°   | 952.6  | 960.4  | 975.9  | 992.9  | 1009.9 | 1036.3 | 1068.8 | 1104.4 | 1166.4 | 1194.3 | 1228.4 |
| 32.5° | 903.1  | 917.0  | 927.9  | 940.2  | 961.9  | 983.6  | 1013.0 | 1058.0 | 1107.5 | 1133.9 | 1171.0 |
| 35°   | 856.6  | 869.0  | 876.7  | 898.4  | 912.4  | 935.6  | 965.0  | 1005.3 | 1047.1 | 1076.6 | 1109.1 |
| 37.5° | 811.7  | 824.1  | 833.4  | 845.8  | 864.3  | 884.5  | 915.5  | 944.9  | 994.5  | 1019.2 | 1056.4 |
| 40°   | 765.2  | 776.0  | 786.9  | 800.8  | 817.9  | 842.7  | 861.2  | 898.4  | 938.7  | 966.6  | 994.5  |
| 42.5° | 720.3  | 726.5  | 738.9  | 754.4  | 771.4  | 793.1  | 819.4  | 848.9  | 889.1  | 913.9  | 938.7  |
| 45°   | 672.3  | 683.1  | 697.0  | 707.9  | 723.4  | 745.1  | 768.3  | 794.6  | 834.9  | 859.7  | 886.0  |
| 47.5° | 627.3  | 635.1  | 644.4  | 661.4  | 681.6  | 697.0  | 721.8  | 746.6  | 783.8  | 807.0  | 831.8  |
| 50°   | 580.9  | 588.6  | 602.6  | 613.4  | 628.9  | 649.0  | 672.3  | 698.6  | 734.2  | 749.7  | 774.5  |
| 52.5° | 537.5  | 540.6  | 554.5  | 565.4  | 580.9  | 604.1  | 622.7  | 645.9  | 680.0  | 697.0  | 721.8  |
| 55°   | 494.1  | 497.2  | 505.0  | 515.8  | 532.9  | 551.4  | 571.6  | 597.9  | 627.3  | 642.8  | 666.1  |
| 57.5° | 449.2  | 452.3  | 460.1  | 467.8  | 484.8  | 501.9  | 525.1  | 546.8  | 576.2  | 590.2  | 611.9  |
| 60°   | 404.3  | 404.3  | 412.0  | 422.9  | 435.3  | 450.8  | 470.9  | 497.2  | 518.9  | 536.0  | 551.4  |
| 62.5° | 356.3  | 360.9  | 365.6  | 373.3  | 387.2  | 405.8  | 422.9  | 441.5  | 467.8  | 480.2  | 494.1  |
| 65°   | 308.3  | 312.9  | 322.2  | 329.9  | 340.8  | 353.2  | 374.9  | 390.3  | 410.5  | 424.4  | 436.8  |
| 67.5° | 266.4  | 271.1  | 277.3  | 286.6  | 294.3  | 308.3  | 323.7  | 339.2  | 360.9  | 370.2  | 379.5  |
| 70°   | 223.1  | 227.7  | 232.3  | 244.7  | 252.5  | 263.3  | 274.2  | 289.7  | 308.3  | 314.4  | 322.2  |
| 72.5° | 189.0  | 190.5  | 196.7  | 199.8  | 210.7  | 220.0  | 232.3  | 241.6  | 255.6  | 263.3  | 269.5  |
| 75°   | 159.5  | 159.5  | 161.1  | 164.2  | 170.4  | 176.6  | 185.9  | 195.2  | 207.6  | 212.2  | 220.0  |
| 77.5° | 125.5  | 130.1  | 128.6  | 131.7  | 134.8  | 137.9  | 145.6  | 151.8  | 164.2  | 167.3  | 170.4  |
| 80°   | 89.8   | 91.4   | 96.0   | 100.7  | 100.7  | 105.3  | 110.0  | 111.5  | 119.3  | 123.9  | 123.9  |
| 82.5° | 65.1   | 66.6   | 65.1   | 66.6   | 68.2   | 69.7   | 74.4   | 80.5   | 80.5   | 82.1   | 85.2   |
| 85°   | 40.3   | 40.3   | 41.8   | 43.4   | 43.4   | 41.8   | 44.9   | 43.4   | 44.9   | 48.0   | 48.0   |
| 87.5° | 20.1   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 20.1   | 18.6   | 20.1   | 20.1   | 20.1   |
| 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: P1004899

CATALOG NUMBER: S125R3DR-B850DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1886.7 | 1886.7 | 1886.7 | 1886.7 |
| 2.5°  | 1843.3 | 1857.2 | 1871.2 | 1888.2 |
| 5°    | 1806.1 | 1830.9 | 1857.2 | 1882.0 |
| 7.5°  | 1765.9 | 1801.5 | 1835.6 | 1871.2 |
| 10°   | 1720.9 | 1765.9 | 1804.6 | 1854.2 |
| 12.5° | 1671.4 | 1719.4 | 1773.6 | 1829.4 |
| 15°   | 1621.8 | 1682.2 | 1739.5 | 1803.0 |
| 17.5° | 1575.3 | 1632.6 | 1696.2 | 1772.1 |
| 20°   | 1519.6 | 1583.1 | 1654.3 | 1734.9 |
| 22.5° | 1460.7 | 1530.4 | 1607.9 | 1694.6 |
| 25°   | 1411.1 | 1482.4 | 1556.7 | 1648.1 |
| 27.5° | 1356.9 | 1431.3 | 1504.1 | 1601.7 |
| 30°   | 1295.0 | 1375.5 | 1449.9 | 1550.5 |
| 32.5° | 1236.1 | 1316.6 | 1398.7 | 1493.2 |
| 35°   | 1178.8 | 1257.8 | 1339.9 | 1435.9 |
| 37.5° | 1124.6 | 1195.8 | 1276.4 | 1363.1 |
| 40°   | 1073.5 | 1138.5 | 1209.8 | 1288.8 |
| 42.5° | 1008.4 | 1084.3 | 1150.9 | 1208.2 |
| 45°   | 952.6  | 1014.6 | 1076.6 | 1123.0 |
| 47.5° | 887.6  | 949.5  | 1002.2 | 1039.4 |
| 50°   | 833.4  | 882.9  | 926.3  | 958.8  |
| 52.5° | 768.3  | 814.8  | 850.4  | 875.2  |
| 55°   | 704.8  | 745.1  | 776.0  | 793.1  |
| 57.5° | 647.5  | 673.8  | 697.0  | 712.5  |
| 60°   | 584.0  | 604.1  | 624.2  | 641.3  |
| 62.5° | 515.8  | 537.5  | 548.3  | 566.9  |
| 65°   | 455.4  | 469.3  | 486.4  | 492.6  |
| 67.5° | 396.5  | 404.3  | 415.1  | 427.5  |
| 70°   | 334.6  | 339.2  | 350.1  | 367.1  |
| 72.5° | 280.4  | 285.0  | 292.8  | 299.0  |
| 75°   | 223.1  | 227.7  | 233.9  | 240.1  |
| 77.5° | 175.0  | 176.6  | 179.7  | 185.9  |
| 80°   | 127.0  | 131.7  | 134.8  | 136.3  |
| 82.5° | 88.3   | 89.8   | 89.8   | 91.4   |
| 85°   | 55.8   | 52.7   | 52.7   | 54.2   |
| 87.5° | 20.1   | 23.2   | 23.2   | 26.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)