

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: P332835-930

Luminaire Tested: **S124DIW-S1195D470U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332835-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIW-S1195D470U930-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 470 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5865.0 lumens
Efficiency: N/A
Efficacy: 111.9 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

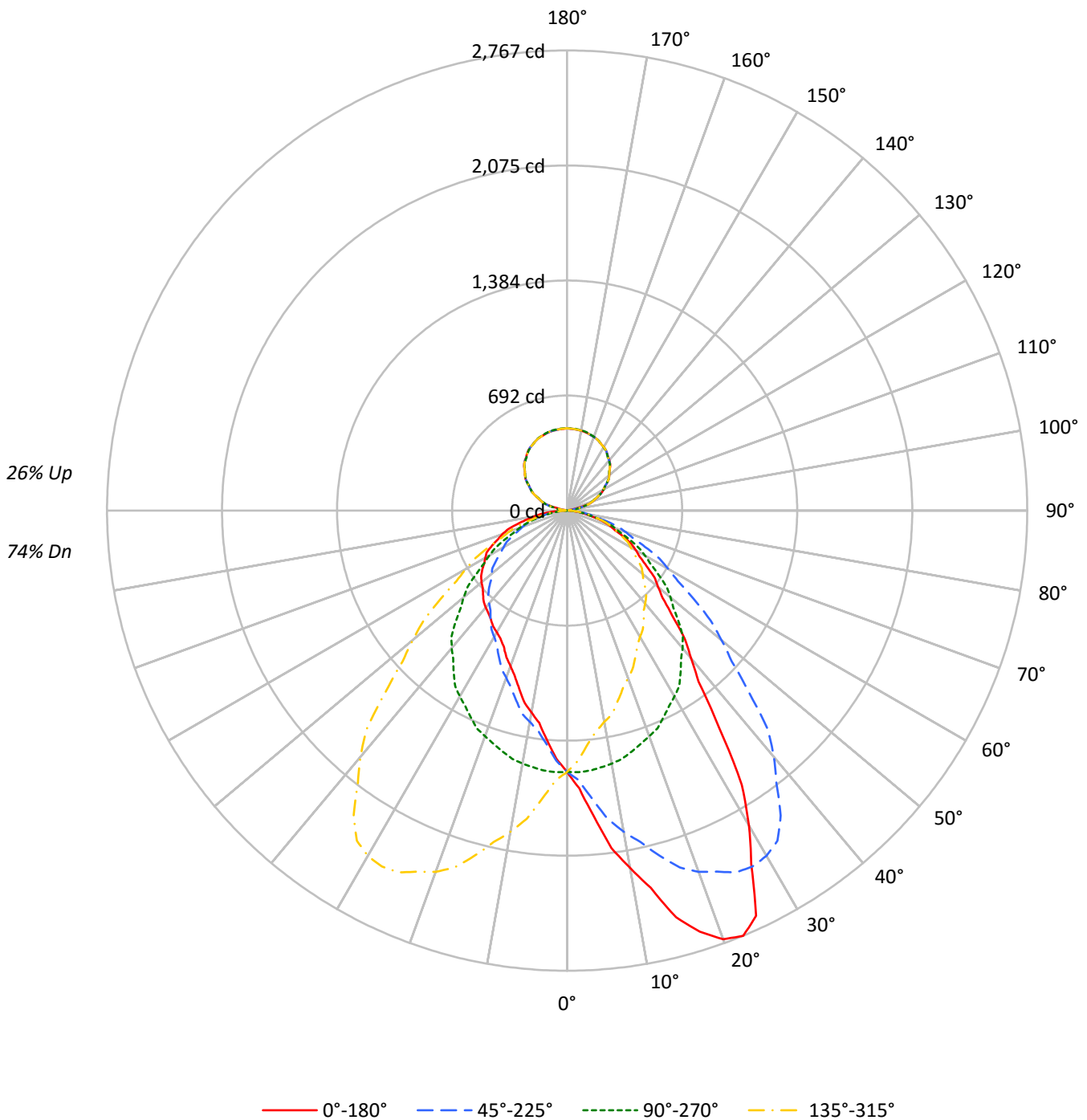
Input Watts (W): 52.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 97 | 97 | 97 | 87 | 87 | 87 | 78 | 78 | 78 | 74 | | | | |
| 1 | 103 | 99 | 95 | 92 | 98 | 94 | 91 | 88 | 85 | 83 | 80 | 77 | 75 | 73 | 70 | 68 | 67 | 63 | | | | |
| 2 | 95 | 87 | 81 | 75 | 90 | 83 | 77 | 73 | 75 | 71 | 67 | 68 | 65 | 62 | 62 | 59 | 57 | 53 | | | | |
| 3 | 86 | 77 | 69 | 63 | 82 | 73 | 67 | 61 | 67 | 61 | 57 | 61 | 56 | 53 | 55 | 52 | 49 | 45 | | | | |
| 4 | 79 | 68 | 60 | 54 | 75 | 65 | 58 | 52 | 60 | 54 | 49 | 54 | 49 | 45 | 49 | 45 | 42 | 39 | | | | |
| 5 | 73 | 61 | 53 | 47 | 69 | 59 | 51 | 45 | 54 | 47 | 42 | 49 | 44 | 40 | 45 | 40 | 37 | 34 | | | | |
| 6 | 68 | 55 | 47 | 41 | 64 | 53 | 45 | 40 | 48 | 42 | 37 | 44 | 39 | 35 | 41 | 36 | 33 | 30 | | | | |
| 7 | 63 | 50 | 42 | 36 | 59 | 48 | 40 | 35 | 44 | 38 | 33 | 41 | 35 | 31 | 37 | 33 | 29 | 27 | | | | |
| 8 | 58 | 46 | 38 | 32 | 55 | 44 | 36 | 31 | 40 | 34 | 30 | 37 | 32 | 28 | 34 | 30 | 26 | 24 | | | | |
| 9 | 54 | 42 | 34 | 29 | 52 | 40 | 33 | 28 | 37 | 31 | 27 | 34 | 29 | 25 | 32 | 27 | 24 | 22 | | | | |
| 10 | 51 | 39 | 31 | 26 | 48 | 37 | 30 | 25 | 34 | 28 | 24 | 32 | 27 | 23 | 29 | 25 | 22 | 20 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12686 | 12686 | 12686 | 12686 |
| 5° | 14939 | 12719 | 11225 | 12719 |
| 10° | 17887 | 12663 | 10107 | 12663 |
| 15° | 21163 | 12534 | 9281 | 12534 |
| 20° | 23566 | 12404 | 8546 | 12404 |
| 25° | 23947 | 12211 | 8036 | 12211 |
| 30° | 20377 | 12027 | 7876 | 12027 |
| 35° | 15666 | 11727 | 7877 | 11727 |
| 40° | 12211 | 11374 | 8026 | 11374 |
| 45° | 10182 | 10843 | 8161 | 10843 |
| 50° | 8961 | 10194 | 8437 | 10194 |
| 55° | 8210 | 9419 | 8777 | 9419 |
| 60° | 7694 | 8724 | 9185 | 8724 |
| 65° | 7163 | 7947 | 9524 | 7947 |
| 70° | 6545 | 7176 | 9741 | 7176 |
| 75° | 5845 | 6313 | 9623 | 6313 |
| 80° | 4900 | 5174 | 9321 | 5174 |
| 85° | 3622 | 3742 | 8929 | 3742 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 153.1 | 2.6 |
| 10°-20° | 471.9 | 8.0 |
| 20°-30° | 748.2 | 12.8 |
| 30°-40° | 832.7 | 14.2 |
| 40°-50° | 758.0 | 12.9 |
| 50°-60° | 619.4 | 10.6 |
| 60°-70° | 442.2 | 7.5 |
| 70°-80° | 243.5 | 4.2 |
| 80°-90° | 67.9 | 1.2 |
| 90°-100° | 16.9 | 0.3 |
| 100°-110° | 107.7 | 1.8 |
| 110°-120° | 206.1 | 3.5 |
| 120°-130° | 261.6 | 4.5 |
| 130°-140° | 279.9 | 4.8 |
| 140°-150° | 261.7 | 4.5 |
| 150°-160° | 211.1 | 3.6 |
| 160°-170° | 136.1 | 2.3 |
| 170°-180° | 46.9 | 0.8 |
| 0°-30° | 1373.2 | 23.4 |
| 0°-40° | 2205.9 | 37.6 |
| 0°-60° | 3583.3 | 61.1 |
| 0°-90° | 4336.9 | 73.9 |
| 90°-120° | 330.7 | 5.6 |
| 90°-150° | 1134.0 | 19.3 |
| 90°-180° | 1528.0 | 26.1 |
| 0°-180° | 5865.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1571 | 1571 | 1571 | 1571 | 1571 | |
| 5° | 1844 | 1570 | 1385 | 1570 | 1844 | 187 |
| 15° | 2532 | 1500 | 1110 | 1500 | 2532 | 715 |
| 25° | 2688 | 1371 | 902 | 1371 | 2688 | 1185 |
| 35° | 1590 | 1190 | 799 | 1190 | 1590 | 1009 |
| 45° | 892 | 950 | 715 | 950 | 892 | 703 |
| 55° | 583 | 669 | 624 | 669 | 583 | 527 |
| 65° | 375 | 416 | 499 | 416 | 375 | 371 |
| 75° | 187 | 202 | 308 | 202 | 187 | 199 |
| 85° | 39 | 40 | 96 | 40 | 39 | 48 |
| 90° | 11 | 1 | 11 | 1 | 11 | 6 |
| 95° | 11 | 20 | 11 | 20 | 11 | 9 |
| 105° | 105 | 111 | 105 | 111 | 105 | 92 |
| 115° | 209 | 208 | 209 | 208 | 209 | 207 |
| 125° | 294 | 292 | 294 | 292 | 294 | 262 |
| 135° | 365 | 362 | 365 | 362 | 365 | 281 |
| 145° | 420 | 418 | 420 | 418 | 420 | 262 |
| 155° | 458 | 458 | 458 | 458 | 458 | 211 |
| 165° | 481 | 483 | 481 | 483 | 481 | 136 |
| 175° | 491 | 494 | 491 | 494 | 491 | 47 |
| 180° | 494 | 494 | 494 | 494 | 494 | |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1672.4 | 1671.9 | 1666.7 | 1665.7 | 1662.0 | 1657.3 | 1656.3 | 1648.0 | 1631.3 | 1623.4 | 1621.4 |
| 5° | 1843.5 | 1856.5 | 1839.6 | 1836.3 | 1834.3 | 1812.9 | 1801.8 | 1788.8 | 1758.8 | 1741.3 | 1727.6 |
| 7.5° | 2047.6 | 2049.2 | 2041.8 | 2035.8 | 2019.3 | 2000.5 | 1972.4 | 1942.5 | 1906.7 | 1869.6 | 1841.7 |
| 10° | 2182.0 | 2187.2 | 2178.7 | 2177.4 | 2144.2 | 2123.4 | 2081.7 | 2046.6 | 2006.2 | 1961.3 | 1920.3 |
| 12.5° | 2323.6 | 2316.3 | 2312.0 | 2284.1 | 2278.0 | 2240.0 | 2191.6 | 2155.4 | 2093.2 | 2041.5 | 1987.0 |
| 15° | 2532.2 | 2517.9 | 2508.8 | 2470.4 | 2451.4 | 2398.7 | 2347.3 | 2307.6 | 2226.3 | 2148.8 | 2090.2 |
| 17.5° | 2654.5 | 2668.9 | 2647.8 | 2632.0 | 2583.2 | 2546.3 | 2493.7 | 2410.4 | 2346.7 | 2250.5 | 2176.5 |
| 20° | 2743.1 | 2744.4 | 2732.6 | 2716.4 | 2678.0 | 2631.1 | 2573.8 | 2482.7 | 2406.5 | 2310.9 | 2209.3 |
| 22.5° | 2767.0 | 2767.3 | 2762.3 | 2747.2 | 2718.0 | 2680.1 | 2622.2 | 2546.3 | 2454.0 | 2349.9 | 2248.4 |
| 25° | 2688.4 | 2685.8 | 2691.6 | 2708.6 | 2697.5 | 2685.8 | 2652.6 | 2596.0 | 2510.1 | 2400.0 | 2290.7 |
| 27.5° | 2396.2 | 2414.2 | 2447.3 | 2488.9 | 2529.1 | 2559.6 | 2568.3 | 2556.6 | 2503.4 | 2413.0 | 2298.3 |
| 30° | 2185.9 | 2208.0 | 2232.8 | 2274.4 | 2355.2 | 2401.3 | 2452.1 | 2490.5 | 2469.1 | 2396.8 | 2290.0 |
| 32.5° | 1954.7 | 1960.1 | 1996.8 | 2044.2 | 2118.1 | 2207.1 | 2287.6 | 2365.5 | 2391.4 | 2353.5 | 2264.5 |
| 35° | 1589.6 | 1598.7 | 1638.4 | 1685.3 | 1775.8 | 1884.5 | 2005.6 | 2113.6 | 2202.8 | 2238.6 | 2193.0 |
| 37.5° | 1297.2 | 1323.4 | 1351.4 | 1401.7 | 1481.4 | 1579.3 | 1705.1 | 1844.9 | 1977.8 | 2066.9 | 2081.9 |
| 40° | 1158.7 | 1174.9 | 1195.1 | 1233.5 | 1301.2 | 1397.6 | 1505.6 | 1665.7 | 1807.0 | 1934.6 | 1976.3 |
| 42.5° | 1049.3 | 1058.8 | 1071.2 | 1106.0 | 1157.5 | 1253.4 | 1352.0 | 1492.9 | 1634.7 | 1787.2 | 1857.0 |
| 45° | 891.8 | 901.6 | 922.3 | 942.6 | 981.6 | 1048.0 | 1139.8 | 1255.6 | 1398.2 | 1545.3 | 1674.2 |
| 47.5° | 778.0 | 784.2 | 796.6 | 818.2 | 851.4 | 895.2 | 969.9 | 1066.7 | 1198.8 | 1341.6 | 1479.0 |
| 50° | 713.5 | 718.6 | 728.4 | 748.0 | 773.3 | 812.4 | 873.6 | 964.0 | 1067.6 | 1211.4 | 1346.1 |
| 52.5° | 662.4 | 664.5 | 671.6 | 684.9 | 705.1 | 737.9 | 788.1 | 863.0 | 959.2 | 1087.4 | 1221.7 |
| 55° | 583.3 | 585.9 | 592.4 | 602.1 | 619.7 | 640.5 | 678.9 | 734.9 | 818.9 | 930.2 | 1046.7 |
| 57.5° | 518.1 | 520.0 | 525.5 | 529.2 | 543.6 | 560.6 | 590.1 | 630.1 | 693.7 | 788.1 | 892.2 |
| 60° | 476.5 | 475.2 | 481.7 | 484.9 | 494.7 | 509.1 | 531.8 | 570.2 | 625.6 | 701.7 | 797.4 |
| 62.5° | 435.9 | 434.1 | 439.5 | 443.8 | 449.4 | 461.6 | 480.3 | 510.4 | 555.2 | 624.1 | 706.8 |
| 65° | 375.0 | 372.3 | 375.6 | 380.8 | 386.0 | 392.5 | 406.2 | 432.8 | 468.7 | 518.1 | 581.3 |
| 67.5° | 313.7 | 316.5 | 317.0 | 319.6 | 322.6 | 331.5 | 340.8 | 359.7 | 385.0 | 424.5 | 478.1 |
| 70° | 277.3 | 277.9 | 280.5 | 280.5 | 282.5 | 290.3 | 298.2 | 309.2 | 333.9 | 370.4 | 414.0 |
| 72.5° | 240.8 | 243.6 | 242.6 | 244.6 | 246.1 | 251.3 | 257.0 | 267.5 | 288.6 | 315.7 | 352.5 |
| 75° | 187.4 | 189.4 | 189.4 | 190.0 | 192.0 | 194.0 | 198.5 | 206.4 | 221.4 | 241.5 | 266.8 |
| 77.5° | 136.7 | 137.0 | 137.9 | 140.2 | 140.2 | 143.3 | 146.8 | 153.0 | 160.4 | 174.2 | 189.7 |
| 80° | 105.4 | 106.7 | 106.1 | 107.4 | 107.4 | 110.0 | 111.3 | 119.1 | 122.4 | 131.5 | 143.8 |
| 82.5° | 77.4 | 78.6 | 78.5 | 80.3 | 81.4 | 81.9 | 83.7 | 86.8 | 90.1 | 98.2 | 103.2 |
| 85° | 39.1 | 40.4 | 39.1 | 40.4 | 42.3 | 43.0 | 44.9 | 45.6 | 48.2 | 50.1 | 54.7 |
| 87.5° | 13.7 | 15.2 | 15.2 | 15.7 | 16.6 | 17.1 | 17.5 | 17.0 | 18.9 | 19.3 | 21.3 |
| 90° | 11.1 | 10.9 | 10.8 | 10.6 | 10.4 | 10.1 | 9.6 | 9.1 | 8.6 | 8.2 | 7.5 |
| 92.5° | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 9.8 | 9.3 | 8.8 | 8.3 | 7.8 | 7.2 |
| 95° | 10.7 | 10.6 | 10.5 | 10.4 | 10.4 | 10.1 | 9.6 | 9.1 | 8.6 | 8.2 | 8.1 |
| 97.5° | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.9 | 9.9 | 9.8 | 9.8 | 18.9 |
| 100° | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 10.7 | 12.1 | 13.5 | 14.8 | 16.2 | 27.6 |
| 102.5° | 10.7 | 10.6 | 10.6 | 10.6 | 10.6 | 18.1 | 33.2 | 48.2 | 63.3 | 78.4 | 79.8 |
| 105° | 105.3 | 108.3 | 111.2 | 114.1 | 117.2 | 118.2 | 117.5 | 116.8 | 116.0 | 115.3 | 114.9 |
| 107.5° | 146.8 | 146.4 | 146.1 | 145.9 | 145.5 | 145.2 | 144.8 | 144.5 | 144.1 | 143.7 | 143.2 |
| 110° | 164.8 | 164.5 | 164.3 | 164.0 | 163.8 | 163.6 | 163.5 | 163.3 | 163.1 | 163.0 | 162.5 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 182.8 | 182.5 | 182.2 | 181.9 | 181.6 | 181.4 | 181.5 | 181.5 | 181.6 | 181.6 | 181.3 |
| 115° | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.0 | 208.9 | 208.7 | 208.6 | 208.4 | 208.5 |
| 117.5° | 235.9 | 235.9 | 235.9 | 235.9 | 236.0 | 236.0 | 236.1 | 236.1 | 236.1 | 236.2 | 236.0 |
| 120° | 252.7 | 252.9 | 253.1 | 253.2 | 253.4 | 253.4 | 253.2 | 253.1 | 252.9 | 252.7 | 252.8 |
| 122.5° | 269.3 | 269.5 | 269.6 | 269.8 | 269.9 | 269.9 | 269.9 | 269.8 | 269.7 | 269.6 | 269.5 |
| 125° | 294.1 | 294.0 | 293.9 | 293.8 | 293.8 | 293.6 | 293.3 | 293.1 | 292.9 | 292.6 | 292.8 |
| 127.5° | 315.9 | 316.0 | 316.0 | 316.1 | 316.2 | 316.3 | 316.3 | 316.3 | 316.4 | 316.4 | 316.1 |
| 130° | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.6 | 330.5 | 330.4 | 330.4 | 330.1 |
| 132.5° | 344.3 | 344.4 | 344.5 | 344.5 | 344.5 | 344.5 | 344.5 | 344.4 | 344.3 | 344.2 | 343.9 |
| 135° | 364.7 | 364.5 | 364.4 | 364.2 | 364.0 | 363.9 | 363.7 | 363.5 | 363.4 | 363.2 | 362.9 |
| 137.5° | 382.1 | 382.2 | 382.2 | 382.3 | 382.3 | 382.3 | 382.0 | 381.9 | 381.7 | 381.6 | 381.2 |
| 140° | 394.3 | 394.2 | 394.1 | 394.0 | 394.0 | 393.8 | 393.5 | 393.3 | 393.1 | 392.8 | 392.6 |
| 142.5° | 404.3 | 404.3 | 404.3 | 404.2 | 404.2 | 404.1 | 404.0 | 403.7 | 403.6 | 403.4 | 403.3 |
| 145° | 419.7 | 419.6 | 419.4 | 419.2 | 419.1 | 419.0 | 418.9 | 418.8 | 418.7 | 418.7 | 418.7 |
| 147.5° | 432.5 | 432.4 | 432.4 | 432.3 | 432.2 | 432.1 | 432.0 | 432.0 | 431.9 | 431.9 | 431.9 |
| 150° | 440.8 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 | 440.4 | 440.4 | 440.5 |
| 152.5° | 447.9 | 447.9 | 448.0 | 448.1 | 448.1 | 448.1 | 447.9 | 447.8 | 447.7 | 447.5 | 447.7 |
| 155° | 457.5 | 457.7 | 458.0 | 458.2 | 458.4 | 458.4 | 458.0 | 457.7 | 457.4 | 457.1 | 457.3 |
| 157.5° | 465.5 | 465.9 | 466.3 | 466.7 | 467.1 | 467.1 | 466.7 | 466.3 | 465.9 | 465.5 | 465.7 |
| 160° | 470.8 | 471.2 | 471.7 | 472.2 | 472.7 | 472.7 | 472.2 | 471.7 | 471.2 | 470.8 | 470.8 |
| 162.5° | 474.9 | 475.4 | 476.0 | 476.5 | 477.1 | 477.1 | 476.6 | 476.1 | 475.6 | 475.2 | 475.2 |
| 165° | 480.7 | 481.4 | 482.2 | 482.9 | 483.6 | 483.7 | 483.1 | 482.4 | 481.8 | 481.1 | 481.1 |
| 167.5° | 485.1 | 485.9 | 486.7 | 487.5 | 488.4 | 488.4 | 487.7 | 487.0 | 486.2 | 485.5 | 485.6 |
| 170° | 487.7 | 488.5 | 489.3 | 490.2 | 491.1 | 491.1 | 490.4 | 489.8 | 489.1 | 488.4 | 488.4 |
| 172.5° | 489.2 | 490.1 | 491.0 | 491.9 | 492.8 | 492.8 | 492.2 | 491.5 | 490.9 | 490.2 | 490.2 |
| 175° | 491.1 | 492.0 | 493.0 | 494.0 | 495.0 | 495.1 | 494.4 | 493.7 | 492.9 | 492.2 | 492.1 |
| 177.5° | 492.3 | 493.0 | 493.8 | 494.6 | 495.4 | 495.5 | 495.0 | 494.5 | 493.9 | 493.4 | 493.3 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1621.9 | 1614.6 | 1609.4 | 1605.2 | 1593.7 | 1587.0 | 1581.8 | 1574.5 | 1566.2 | 1557.3 | 1546.4 |
| 5° | 1713.9 | 1691.8 | 1675.5 | 1650.8 | 1627.3 | 1607.9 | 1587.6 | 1569.5 | 1547.3 | 1523.2 | 1505.6 |
| 7.5° | 1810.7 | 1777.8 | 1735.5 | 1699.0 | 1657.8 | 1622.0 | 1590.0 | 1557.2 | 1523.1 | 1490.0 | 1459.7 |
| 10° | 1872.1 | 1829.8 | 1782.9 | 1727.6 | 1675.5 | 1629.3 | 1586.3 | 1544.7 | 1504.3 | 1464.0 | 1429.5 |
| 12.5° | 1938.3 | 1885.5 | 1816.2 | 1751.6 | 1693.2 | 1631.4 | 1579.6 | 1528.5 | 1479.8 | 1437.5 | 1397.2 |
| 15° | 2027.1 | 1950.8 | 1870.8 | 1784.2 | 1707.4 | 1635.2 | 1564.2 | 1499.7 | 1445.1 | 1389.1 | 1350.1 |
| 17.5° | 2081.6 | 1987.4 | 1895.8 | 1805.3 | 1712.4 | 1621.2 | 1544.7 | 1470.4 | 1401.9 | 1346.3 | 1297.1 |
| 20° | 2117.5 | 2023.8 | 1909.8 | 1819.4 | 1708.7 | 1615.0 | 1526.5 | 1443.8 | 1372.2 | 1313.0 | 1262.2 |
| 22.5° | 2148.8 | 2040.4 | 1926.6 | 1807.4 | 1697.3 | 1597.8 | 1501.0 | 1417.7 | 1344.6 | 1282.2 | 1233.5 |
| 25° | 2165.7 | 2041.3 | 1917.7 | 1799.2 | 1674.2 | 1556.4 | 1468.5 | 1370.9 | 1292.7 | 1227.0 | 1174.9 |
| 27.5° | 2167.6 | 2034.6 | 1894.7 | 1763.0 | 1634.0 | 1524.3 | 1413.3 | 1326.1 | 1245.0 | 1175.5 | 1125.5 |
| 30° | 2161.8 | 2023.2 | 1872.7 | 1730.2 | 1600.7 | 1481.6 | 1385.2 | 1290.2 | 1207.5 | 1138.5 | 1086.4 |
| 32.5° | 2143.6 | 1999.2 | 1844.6 | 1693.8 | 1559.5 | 1443.0 | 1343.5 | 1253.2 | 1172.6 | 1104.6 | 1049.9 |
| 35° | 2090.8 | 1948.2 | 1783.5 | 1626.7 | 1489.4 | 1371.6 | 1281.7 | 1189.9 | 1109.2 | 1044.8 | 992.1 |
| 37.5° | 2008.4 | 1879.5 | 1712.1 | 1549.8 | 1414.9 | 1296.6 | 1207.5 | 1124.5 | 1051.8 | 986.3 | 932.3 |
| 40° | 1936.6 | 1823.3 | 1655.4 | 1497.1 | 1351.4 | 1238.8 | 1155.4 | 1079.3 | 1007.0 | 945.2 | 893.7 |
| 42.5° | 1853.7 | 1755.1 | 1600.2 | 1432.6 | 1292.0 | 1178.8 | 1097.6 | 1029.2 | 961.2 | 904.0 | 852.6 |
| 45° | 1706.1 | 1641.0 | 1495.3 | 1340.3 | 1193.8 | 1087.0 | 1009.6 | 949.7 | 892.4 | 836.5 | 793.5 |
| 47.5° | 1536.4 | 1504.1 | 1381.3 | 1234.2 | 1095.1 | 989.9 | 922.8 | 867.5 | 817.2 | 769.8 | 731.9 |
| 50° | 1422.3 | 1406.7 | 1300.6 | 1158.7 | 1025.9 | 926.9 | 859.2 | 811.7 | 768.7 | 727.1 | 691.3 |
| 52.5° | 1309.9 | 1309.3 | 1213.7 | 1083.7 | 960.8 | 865.5 | 798.3 | 753.9 | 716.7 | 682.8 | 650.7 |
| 55° | 1137.8 | 1156.1 | 1081.2 | 965.3 | 855.3 | 769.4 | 708.9 | 669.2 | 643.1 | 615.1 | 591.1 |
| 57.5° | 979.9 | 1010.2 | 948.4 | 846.4 | 754.6 | 675.4 | 622.7 | 592.9 | 565.2 | 548.2 | 530.7 |
| 60° | 876.9 | 905.5 | 857.3 | 771.4 | 684.8 | 617.1 | 567.0 | 540.3 | 516.2 | 504.5 | 492.1 |
| 62.5° | 785.1 | 810.7 | 775.0 | 695.4 | 620.2 | 555.1 | 512.8 | 487.1 | 470.9 | 458.1 | 450.0 |
| 65° | 654.2 | 675.7 | 645.1 | 587.2 | 522.7 | 470.7 | 436.1 | 416.0 | 400.3 | 395.1 | 386.0 |
| 67.5° | 528.8 | 548.4 | 531.8 | 482.6 | 430.9 | 391.5 | 364.5 | 345.1 | 335.9 | 331.3 | 324.8 |
| 70° | 454.4 | 473.9 | 456.3 | 413.4 | 373.7 | 340.5 | 315.0 | 304.0 | 294.2 | 292.3 | 283.2 |
| 72.5° | 391.3 | 404.6 | 387.0 | 353.4 | 319.5 | 291.5 | 271.8 | 260.2 | 255.2 | 251.7 | 246.7 |
| 75° | 293.6 | 305.3 | 293.6 | 267.5 | 243.4 | 224.0 | 207.0 | 202.4 | 196.6 | 194.6 | 191.4 |
| 77.5° | 207.8 | 217.9 | 209.0 | 192.7 | 174.7 | 159.6 | 150.5 | 144.6 | 143.3 | 140.0 | 141.5 |
| 80° | 158.8 | 165.3 | 156.9 | 145.8 | 131.5 | 121.1 | 114.5 | 111.3 | 107.4 | 106.1 | 108.7 |
| 82.5° | 114.1 | 116.9 | 112.6 | 105.2 | 94.5 | 87.7 | 83.3 | 79.6 | 78.8 | 79.0 | 79.0 |
| 85° | 59.3 | 58.6 | 58.0 | 51.4 | 48.2 | 43.6 | 41.0 | 40.4 | 39.7 | 41.0 | 42.3 |
| 87.5° | 21.1 | 21.5 | 20.9 | 18.7 | 16.9 | 15.2 | 14.4 | 13.8 | 14.4 | 15.2 | 15.9 |
| 90° | 6.8 | 6.2 | 5.5 | 4.7 | 3.8 | 2.9 | 2.0 | 1.1 | 2.0 | 2.9 | 3.8 |
| 92.5° | 6.5 | 5.9 | 5.2 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 | 4.7 | 4.7 | 4.8 |
| 95° | 8.0 | 7.9 | 7.8 | 9.1 | 12.0 | 14.8 | 17.5 | 20.3 | 17.5 | 14.8 | 12.0 |
| 97.5° | 28.0 | 37.3 | 46.4 | 50.1 | 48.3 | 46.6 | 44.9 | 43.1 | 44.9 | 46.6 | 48.3 |
| 100° | 38.9 | 50.2 | 61.6 | 66.5 | 65.1 | 63.6 | 62.0 | 60.6 | 62.0 | 63.6 | 65.1 |
| 102.5° | 81.3 | 82.8 | 84.2 | 84.5 | 83.3 | 82.3 | 81.2 | 80.1 | 81.2 | 82.3 | 83.3 |
| 105° | 114.5 | 114.1 | 113.7 | 113.2 | 112.7 | 112.2 | 111.7 | 111.2 | 111.7 | 112.2 | 112.7 |
| 107.5° | 142.6 | 142.0 | 141.5 | 141.1 | 140.9 | 140.6 | 140.4 | 140.1 | 140.4 | 140.6 | 140.9 |
| 110° | 162.0 | 161.4 | 160.9 | 160.6 | 160.4 | 160.1 | 159.9 | 159.6 | 159.9 | 160.1 | 160.4 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.1 | 180.9 | 180.7 | 180.3 | 179.9 | 179.4 | 179.0 | 178.6 | 179.0 | 179.4 | 179.9 |
| 115° | 208.6 | 208.6 | 208.7 | 208.6 | 208.4 | 208.1 | 207.9 | 207.7 | 207.9 | 208.1 | 208.4 |
| 117.5° | 235.8 | 235.6 | 235.5 | 235.2 | 234.9 | 234.6 | 234.2 | 233.9 | 234.2 | 234.6 | 234.9 |
| 120° | 252.9 | 253.0 | 253.1 | 252.9 | 252.6 | 252.3 | 251.9 | 251.6 | 251.9 | 252.3 | 252.6 |
| 122.5° | 269.4 | 269.2 | 269.1 | 269.0 | 268.8 | 268.6 | 268.4 | 268.2 | 268.4 | 268.6 | 268.8 |
| 125° | 292.9 | 293.1 | 293.3 | 293.2 | 292.9 | 292.5 | 292.2 | 291.9 | 292.2 | 292.5 | 292.9 |
| 127.5° | 315.7 | 315.3 | 315.0 | 314.7 | 314.6 | 314.5 | 314.5 | 314.4 | 314.5 | 314.5 | 314.6 |
| 130° | 329.9 | 329.6 | 329.4 | 329.2 | 329.1 | 329.1 | 328.9 | 328.8 | 328.9 | 329.1 | 329.1 |
| 132.5° | 343.6 | 343.3 | 343.0 | 342.8 | 342.6 | 342.4 | 342.3 | 342.2 | 342.3 | 342.4 | 342.6 |
| 135° | 362.6 | 362.2 | 361.9 | 361.7 | 361.8 | 361.9 | 362.0 | 362.1 | 362.0 | 361.9 | 361.8 |
| 137.5° | 380.8 | 380.4 | 380.1 | 379.9 | 379.8 | 379.8 | 379.8 | 379.8 | 379.8 | 379.8 | 379.8 |
| 140° | 392.5 | 392.2 | 392.1 | 391.9 | 391.8 | 391.6 | 391.4 | 391.3 | 391.4 | 391.6 | 391.8 |
| 142.5° | 403.2 | 403.1 | 403.0 | 402.8 | 402.5 | 402.3 | 401.9 | 401.6 | 401.9 | 402.3 | 402.5 |
| 145° | 418.7 | 418.7 | 418.7 | 418.5 | 418.2 | 418.0 | 417.8 | 417.5 | 417.8 | 418.0 | 418.2 |
| 147.5° | 432.0 | 432.1 | 432.2 | 432.0 | 431.5 | 431.0 | 430.6 | 430.2 | 430.6 | 431.0 | 431.5 |
| 150° | 440.6 | 440.7 | 440.8 | 440.7 | 440.3 | 440.0 | 439.7 | 439.4 | 439.7 | 440.0 | 440.3 |
| 152.5° | 447.8 | 448.0 | 448.1 | 448.1 | 447.8 | 447.5 | 447.3 | 447.0 | 447.3 | 447.5 | 447.8 |
| 155° | 457.5 | 457.8 | 458.0 | 458.1 | 458.0 | 458.0 | 457.9 | 457.8 | 457.9 | 458.0 | 458.0 |
| 157.5° | 465.9 | 466.3 | 466.5 | 466.7 | 466.8 | 466.8 | 466.8 | 466.9 | 466.8 | 466.8 | 466.8 |
| 160° | 470.9 | 471.0 | 471.1 | 471.2 | 471.5 | 471.7 | 472.0 | 472.2 | 472.0 | 471.7 | 471.5 |
| 162.5° | 475.3 | 475.4 | 475.5 | 475.7 | 476.0 | 476.3 | 476.6 | 477.0 | 476.6 | 476.3 | 476.0 |
| 165° | 481.1 | 481.1 | 481.1 | 481.3 | 481.7 | 482.1 | 482.5 | 482.9 | 482.5 | 482.1 | 481.7 |
| 167.5° | 485.6 | 485.7 | 485.7 | 485.9 | 486.4 | 486.8 | 487.2 | 487.6 | 487.2 | 486.8 | 486.4 |
| 170° | 488.3 | 488.2 | 488.1 | 488.4 | 488.9 | 489.3 | 489.8 | 490.3 | 489.8 | 489.3 | 488.9 |
| 172.5° | 490.1 | 490.0 | 489.9 | 490.2 | 490.6 | 491.1 | 491.6 | 492.1 | 491.6 | 491.1 | 490.6 |
| 175° | 492.0 | 492.0 | 491.9 | 492.0 | 492.5 | 493.0 | 493.5 | 494.0 | 493.5 | 493.0 | 492.5 |
| 177.5° | 493.2 | 493.0 | 492.9 | 493.1 | 493.5 | 494.0 | 494.5 | 494.9 | 494.5 | 494.0 | 493.5 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1541.2 | 1536.5 | 1529.7 | 1520.4 | 1512.5 | 1504.2 | 1502.1 | 1499.0 | 1505.2 | 1500.1 | 1498.4 |
| 5° | 1490.7 | 1477.0 | 1459.4 | 1439.2 | 1427.5 | 1410.6 | 1407.4 | 1400.8 | 1394.3 | 1393.7 | 1387.2 |
| 7.5° | 1437.1 | 1417.1 | 1394.1 | 1373.5 | 1354.5 | 1336.0 | 1323.9 | 1321.3 | 1311.7 | 1306.0 | 1299.5 |
| 10° | 1402.8 | 1378.0 | 1351.4 | 1331.9 | 1309.7 | 1290.2 | 1276.5 | 1268.7 | 1262.2 | 1255.0 | 1248.5 |
| 12.5° | 1362.2 | 1335.9 | 1313.9 | 1292.7 | 1266.5 | 1251.6 | 1229.1 | 1215.6 | 1214.3 | 1214.4 | 1197.5 |
| 15° | 1314.9 | 1288.9 | 1255.0 | 1225.1 | 1210.7 | 1182.1 | 1169.7 | 1154.1 | 1144.4 | 1134.6 | 1126.8 |
| 17.5° | 1260.9 | 1228.5 | 1202.0 | 1167.7 | 1140.4 | 1117.5 | 1101.3 | 1091.9 | 1077.2 | 1063.4 | 1053.4 |
| 20° | 1227.0 | 1192.5 | 1164.6 | 1128.0 | 1098.1 | 1070.2 | 1056.5 | 1043.5 | 1032.4 | 1020.7 | 1009.6 |
| 22.5° | 1192.6 | 1156.6 | 1122.3 | 1087.0 | 1059.1 | 1029.6 | 1016.4 | 998.7 | 988.1 | 981.6 | 970.5 |
| 25° | 1138.5 | 1099.4 | 1060.4 | 1026.5 | 997.9 | 971.8 | 954.3 | 940.6 | 928.9 | 923.7 | 916.6 |
| 27.5° | 1079.6 | 1040.9 | 1003.1 | 964.7 | 932.1 | 913.3 | 899.2 | 888.9 | 882.2 | 875.2 | 872.0 |
| 30° | 1042.2 | 1001.8 | 961.5 | 925.6 | 895.7 | 876.9 | 863.8 | 856.6 | 851.4 | 848.2 | 844.9 |
| 32.5° | 1004.1 | 964.3 | 921.9 | 889.2 | 862.3 | 845.5 | 835.7 | 828.5 | 825.9 | 824.8 | 823.6 |
| 35° | 943.2 | 902.9 | 863.8 | 834.5 | 809.1 | 802.6 | 794.2 | 790.3 | 789.0 | 793.5 | 795.5 |
| 37.5° | 884.3 | 846.8 | 810.8 | 782.4 | 765.8 | 756.3 | 753.4 | 753.5 | 758.2 | 762.2 | 767.0 |
| 40° | 846.2 | 809.8 | 775.9 | 751.2 | 735.6 | 729.7 | 728.4 | 731.6 | 736.9 | 741.4 | 746.7 |
| 42.5° | 809.3 | 773.3 | 742.6 | 719.4 | 708.5 | 703.1 | 703.9 | 707.2 | 714.4 | 720.1 | 727.9 |
| 45° | 751.9 | 721.9 | 691.9 | 673.1 | 664.0 | 665.3 | 665.3 | 671.2 | 678.2 | 686.7 | 695.2 |
| 47.5° | 697.8 | 667.6 | 643.0 | 627.1 | 622.4 | 621.3 | 624.9 | 632.6 | 642.9 | 653.3 | 665.1 |
| 50° | 661.4 | 632.8 | 611.2 | 596.9 | 591.7 | 593.7 | 598.8 | 606.0 | 618.4 | 631.4 | 643.8 |
| 52.5° | 624.4 | 598.3 | 578.5 | 565.2 | 561.5 | 565.0 | 570.2 | 581.6 | 592.4 | 606.4 | 621.4 |
| 55° | 567.0 | 544.9 | 529.2 | 519.4 | 518.1 | 520.1 | 525.9 | 538.3 | 553.9 | 571.5 | 585.9 |
| 57.5° | 509.8 | 491.3 | 477.0 | 470.3 | 470.9 | 472.7 | 482.3 | 497.1 | 513.7 | 532.5 | 551.0 |
| 60° | 471.2 | 454.4 | 442.6 | 437.4 | 438.1 | 442.0 | 453.7 | 467.4 | 488.2 | 506.5 | 525.9 |
| 62.5° | 434.8 | 420.0 | 408.8 | 404.1 | 403.2 | 411.8 | 423.0 | 437.2 | 458.0 | 478.3 | 499.4 |
| 65° | 376.3 | 364.5 | 355.4 | 352.8 | 354.7 | 361.3 | 375.6 | 394.4 | 412.1 | 433.5 | 455.7 |
| 67.5° | 318.9 | 309.3 | 303.0 | 304.3 | 306.6 | 316.3 | 328.2 | 344.5 | 364.4 | 386.7 | 408.5 |
| 70° | 282.5 | 273.4 | 268.2 | 268.8 | 272.7 | 284.5 | 294.9 | 311.1 | 332.6 | 355.4 | 373.7 |
| 72.5° | 245.0 | 239.0 | 234.3 | 237.1 | 241.0 | 249.1 | 262.0 | 278.3 | 297.3 | 318.5 | 337.7 |
| 75° | 188.1 | 188.1 | 185.5 | 187.4 | 193.3 | 201.1 | 210.9 | 227.8 | 246.7 | 263.7 | 279.2 |
| 77.5° | 139.6 | 138.1 | 139.8 | 142.2 | 145.5 | 154.8 | 166.0 | 178.1 | 192.3 | 209.2 | 222.1 |
| 80° | 106.7 | 107.4 | 110.6 | 114.5 | 115.9 | 123.0 | 134.8 | 145.8 | 156.9 | 171.2 | 183.6 |
| 82.5° | 80.2 | 80.9 | 82.5 | 87.5 | 88.8 | 96.4 | 104.0 | 115.1 | 125.1 | 134.8 | 145.0 |
| 85° | 43.6 | 43.6 | 46.9 | 48.8 | 52.1 | 57.3 | 61.8 | 68.3 | 77.5 | 84.0 | 93.8 |
| 87.5° | 17.6 | 17.8 | 20.0 | 21.1 | 22.8 | 25.6 | 26.7 | 32.5 | 34.7 | 37.4 | 42.2 |
| 90° | 4.7 | 5.5 | 6.2 | 6.8 | 7.5 | 8.2 | 8.6 | 9.1 | 9.6 | 10.1 | 10.4 |
| 92.5° | 4.9 | 5.2 | 5.9 | 6.5 | 7.2 | 7.8 | 8.3 | 8.8 | 9.3 | 9.8 | 10.0 |
| 95° | 9.1 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.6 | 9.1 | 9.6 | 10.1 | 10.4 |
| 97.5° | 50.1 | 46.4 | 37.3 | 28.0 | 18.9 | 9.8 | 9.8 | 9.9 | 9.9 | 9.9 | 10.0 |
| 100° | 66.5 | 61.6 | 50.2 | 38.9 | 27.6 | 16.2 | 14.8 | 13.5 | 12.1 | 10.7 | 10.0 |
| 102.5° | 84.5 | 84.2 | 82.8 | 81.3 | 79.8 | 78.4 | 63.3 | 48.2 | 33.2 | 18.1 | 10.6 |
| 105° | 113.2 | 113.7 | 114.1 | 114.5 | 114.9 | 115.3 | 116.0 | 116.8 | 117.5 | 118.2 | 117.2 |
| 107.5° | 141.1 | 141.5 | 142.0 | 142.6 | 143.2 | 143.7 | 144.1 | 144.5 | 144.8 | 145.2 | 145.5 |
| 110° | 160.6 | 160.9 | 161.4 | 162.0 | 162.5 | 163.0 | 163.1 | 163.3 | 163.5 | 163.6 | 163.8 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 180.3 | 180.7 | 180.9 | 181.1 | 181.3 | 181.6 | 181.6 | 181.5 | 181.5 | 181.4 | 181.6 |
| 115° | 208.6 | 208.7 | 208.6 | 208.6 | 208.5 | 208.4 | 208.6 | 208.7 | 208.9 | 209.0 | 209.1 |
| 117.5° | 235.2 | 235.5 | 235.6 | 235.8 | 236.0 | 236.2 | 236.1 | 236.1 | 236.1 | 236.0 | 236.0 |
| 120° | 252.9 | 253.1 | 253.0 | 252.9 | 252.8 | 252.7 | 252.9 | 253.1 | 253.2 | 253.4 | 253.4 |
| 122.5° | 269.0 | 269.1 | 269.2 | 269.4 | 269.5 | 269.6 | 269.7 | 269.8 | 269.9 | 269.9 | 269.9 |
| 125° | 293.2 | 293.3 | 293.1 | 292.9 | 292.8 | 292.6 | 292.9 | 293.1 | 293.3 | 293.6 | 293.8 |
| 127.5° | 314.7 | 315.0 | 315.3 | 315.7 | 316.1 | 316.4 | 316.4 | 316.3 | 316.3 | 316.3 | 316.2 |
| 130° | 329.2 | 329.4 | 329.6 | 329.9 | 330.1 | 330.4 | 330.4 | 330.5 | 330.6 | 330.7 | 330.7 |
| 132.5° | 342.8 | 343.0 | 343.3 | 343.6 | 343.9 | 344.2 | 344.3 | 344.4 | 344.5 | 344.5 | 344.5 |
| 135° | 361.7 | 361.9 | 362.2 | 362.6 | 362.9 | 363.2 | 363.4 | 363.5 | 363.7 | 363.9 | 364.0 |
| 137.5° | 379.9 | 380.1 | 380.4 | 380.8 | 381.2 | 381.6 | 381.7 | 381.9 | 382.0 | 382.3 | 382.3 |
| 140° | 391.9 | 392.1 | 392.2 | 392.5 | 392.6 | 392.8 | 393.1 | 393.3 | 393.5 | 393.8 | 394.0 |
| 142.5° | 402.8 | 403.0 | 403.1 | 403.2 | 403.3 | 403.4 | 403.6 | 403.7 | 404.0 | 404.1 | 404.2 |
| 145° | 418.5 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.8 | 418.9 | 419.0 | 419.1 |
| 147.5° | 432.0 | 432.2 | 432.1 | 432.0 | 431.9 | 431.9 | 431.9 | 432.0 | 432.0 | 432.1 | 432.2 |
| 150° | 440.7 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 | 440.4 | 440.4 | 440.5 |
| 152.5° | 448.1 | 448.1 | 448.0 | 447.8 | 447.7 | 447.5 | 447.7 | 447.8 | 447.9 | 448.1 | 448.1 |
| 155° | 458.1 | 458.0 | 457.8 | 457.5 | 457.3 | 457.1 | 457.4 | 457.7 | 458.0 | 458.4 | 458.4 |
| 157.5° | 466.7 | 466.5 | 466.3 | 465.9 | 465.7 | 465.5 | 465.9 | 466.3 | 466.7 | 467.1 | 467.1 |
| 160° | 471.2 | 471.1 | 471.0 | 470.9 | 470.8 | 470.8 | 471.2 | 471.7 | 472.2 | 472.7 | 472.7 |
| 162.5° | 475.7 | 475.5 | 475.4 | 475.3 | 475.2 | 475.2 | 475.6 | 476.1 | 476.6 | 477.1 | 477.1 |
| 165° | 481.3 | 481.1 | 481.1 | 481.1 | 481.1 | 481.1 | 481.8 | 482.4 | 483.1 | 483.7 | 483.6 |
| 167.5° | 485.9 | 485.7 | 485.7 | 485.6 | 485.6 | 485.5 | 486.2 | 487.0 | 487.7 | 488.4 | 488.4 |
| 170° | 488.4 | 488.1 | 488.2 | 488.3 | 488.4 | 488.4 | 489.1 | 489.8 | 490.4 | 491.1 | 491.1 |
| 172.5° | 490.2 | 489.9 | 490.0 | 490.1 | 490.2 | 490.2 | 490.9 | 491.5 | 492.2 | 492.8 | 492.8 |
| 175° | 492.0 | 491.9 | 492.0 | 492.0 | 492.1 | 492.2 | 492.9 | 493.7 | 494.4 | 495.1 | 495.0 |
| 177.5° | 493.1 | 492.9 | 493.0 | 493.2 | 493.3 | 493.4 | 493.9 | 494.5 | 495.0 | 495.5 | 495.4 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1497.5 | 1496.4 | 1492.7 | 1492.2 | 1492.7 | 1496.4 | 1497.5 | 1498.4 | 1500.1 | 1505.2 | 1499.0 |
| 5° | 1383.2 | 1380.0 | 1378.0 | 1385.2 | 1378.0 | 1380.0 | 1383.2 | 1387.2 | 1393.7 | 1394.3 | 1400.8 |
| 7.5° | 1297.2 | 1294.6 | 1288.9 | 1287.0 | 1288.9 | 1294.6 | 1297.2 | 1299.5 | 1306.0 | 1311.7 | 1321.3 |
| 10° | 1242.0 | 1239.4 | 1234.2 | 1232.9 | 1234.2 | 1239.4 | 1242.0 | 1248.5 | 1255.0 | 1262.2 | 1268.7 |
| 12.5° | 1188.9 | 1183.7 | 1182.7 | 1184.0 | 1182.7 | 1183.7 | 1188.9 | 1197.5 | 1214.4 | 1214.3 | 1215.6 |
| 15° | 1118.3 | 1115.7 | 1108.6 | 1110.5 | 1108.6 | 1115.7 | 1118.3 | 1126.8 | 1134.6 | 1144.4 | 1154.1 |
| 17.5° | 1048.8 | 1045.7 | 1037.0 | 1044.6 | 1037.0 | 1045.7 | 1048.8 | 1053.4 | 1063.4 | 1077.2 | 1091.9 |
| 20° | 1005.0 | 999.9 | 995.3 | 994.7 | 995.3 | 999.9 | 1005.0 | 1009.6 | 1020.7 | 1032.4 | 1043.5 |
| 22.5° | 963.4 | 958.7 | 958.3 | 954.1 | 958.3 | 958.7 | 963.4 | 970.5 | 981.6 | 988.1 | 998.7 |
| 25° | 911.3 | 906.8 | 905.5 | 902.2 | 905.5 | 906.8 | 911.3 | 916.6 | 923.7 | 928.9 | 940.6 |
| 27.5° | 871.4 | 869.1 | 866.8 | 867.8 | 866.8 | 869.1 | 871.4 | 872.0 | 875.2 | 882.2 | 888.9 |
| 30° | 846.9 | 846.2 | 844.9 | 844.9 | 844.9 | 846.2 | 846.9 | 844.9 | 848.2 | 851.4 | 856.6 |
| 32.5° | 826.6 | 826.5 | 827.2 | 827.2 | 827.2 | 826.5 | 826.6 | 823.6 | 824.8 | 825.9 | 828.5 |
| 35° | 798.1 | 800.0 | 801.3 | 799.3 | 801.3 | 800.0 | 798.1 | 795.5 | 793.5 | 789.0 | 790.3 |
| 37.5° | 772.3 | 774.2 | 776.1 | 778.3 | 776.1 | 774.2 | 772.3 | 767.0 | 762.2 | 758.2 | 753.5 |
| 40° | 752.5 | 757.1 | 758.3 | 761.6 | 758.3 | 757.1 | 752.5 | 746.7 | 741.4 | 736.9 | 731.6 |
| 42.5° | 733.8 | 738.8 | 742.2 | 742.8 | 742.2 | 738.8 | 733.8 | 727.9 | 720.1 | 714.4 | 707.2 |
| 45° | 705.0 | 710.2 | 714.8 | 714.8 | 714.8 | 710.2 | 705.0 | 695.2 | 686.7 | 678.2 | 671.2 |
| 47.5° | 675.1 | 682.7 | 687.3 | 688.4 | 687.3 | 682.7 | 675.1 | 665.1 | 653.3 | 642.9 | 632.6 |
| 50° | 654.8 | 664.0 | 668.5 | 671.8 | 668.5 | 664.0 | 654.8 | 643.8 | 631.4 | 618.4 | 606.0 |
| 52.5° | 635.0 | 644.2 | 650.3 | 652.0 | 650.3 | 644.2 | 635.0 | 621.4 | 606.4 | 592.4 | 581.6 |
| 55° | 600.8 | 613.8 | 621.0 | 623.6 | 621.0 | 613.8 | 600.8 | 585.9 | 571.5 | 553.9 | 538.3 |
| 57.5° | 568.5 | 580.5 | 588.8 | 590.8 | 588.8 | 580.5 | 568.5 | 551.0 | 532.5 | 513.7 | 497.1 |
| 60° | 543.6 | 556.5 | 567.0 | 568.9 | 567.0 | 556.5 | 543.6 | 525.9 | 506.5 | 488.2 | 467.4 |
| 62.5° | 518.0 | 531.6 | 541.0 | 546.0 | 541.0 | 531.6 | 518.0 | 499.4 | 478.3 | 458.0 | 437.2 |
| 65° | 473.9 | 487.5 | 496.7 | 498.6 | 496.7 | 487.5 | 473.9 | 455.7 | 433.5 | 412.1 | 394.4 |
| 67.5° | 425.7 | 439.4 | 445.4 | 449.1 | 445.4 | 439.4 | 425.7 | 408.5 | 386.7 | 364.4 | 344.5 |
| 70° | 391.8 | 402.9 | 409.4 | 412.7 | 409.4 | 402.9 | 391.8 | 373.7 | 355.4 | 332.6 | 311.1 |
| 72.5° | 353.4 | 364.9 | 372.5 | 373.1 | 372.5 | 364.9 | 353.4 | 337.7 | 318.5 | 297.3 | 278.3 |
| 75° | 294.2 | 304.7 | 308.5 | 308.5 | 308.5 | 304.7 | 294.2 | 279.2 | 263.7 | 246.7 | 227.8 |
| 77.5° | 232.9 | 238.2 | 243.2 | 244.3 | 243.2 | 238.2 | 232.9 | 222.1 | 209.2 | 192.3 | 178.1 |
| 80° | 193.3 | 196.6 | 200.5 | 200.5 | 200.5 | 196.6 | 193.3 | 183.6 | 171.2 | 156.9 | 145.8 |
| 82.5° | 152.7 | 155.5 | 159.4 | 158.8 | 159.4 | 155.5 | 152.7 | 145.0 | 134.8 | 125.1 | 115.1 |
| 85° | 92.5 | 98.3 | 97.7 | 96.4 | 97.7 | 98.3 | 92.5 | 93.8 | 84.0 | 77.5 | 68.3 |
| 87.5° | 43.8 | 44.4 | 45.9 | 47.0 | 45.9 | 44.4 | 43.8 | 42.2 | 37.4 | 34.7 | 32.5 |
| 90° | 10.6 | 10.8 | 10.9 | 11.1 | 10.9 | 10.8 | 10.6 | 10.4 | 10.1 | 9.6 | 9.1 |
| 92.5° | 10.1 | 10.1 | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 9.8 | 9.3 | 8.8 |
| 95° | 10.4 | 10.5 | 10.6 | 10.7 | 10.6 | 10.5 | 10.4 | 10.4 | 10.1 | 9.6 | 9.1 |
| 97.5° | 10.1 | 10.2 | 10.3 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.9 | 9.9 |
| 100° | 10.1 | 10.2 | 10.3 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 10.7 | 12.1 | 13.5 |
| 102.5° | 10.6 | 10.6 | 10.6 | 10.7 | 10.6 | 10.6 | 10.6 | 10.6 | 18.1 | 33.2 | 48.2 |
| 105° | 114.1 | 111.2 | 108.3 | 105.3 | 108.3 | 111.2 | 114.1 | 117.2 | 118.2 | 117.5 | 116.8 |
| 107.5° | 145.9 | 146.1 | 146.4 | 146.8 | 146.4 | 146.1 | 145.9 | 145.5 | 145.2 | 144.8 | 144.5 |
| 110° | 164.0 | 164.3 | 164.5 | 164.8 | 164.5 | 164.3 | 164.0 | 163.8 | 163.6 | 163.5 | 163.3 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.9 | 182.2 | 182.5 | 182.8 | 182.5 | 182.2 | 181.9 | 181.6 | 181.4 | 181.5 | 181.5 |
| 115° | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 | 209.0 | 208.9 | 208.7 |
| 117.5° | 235.9 | 235.9 | 235.9 | 235.9 | 235.9 | 235.9 | 235.9 | 236.0 | 236.0 | 236.1 | 236.1 |
| 120° | 253.2 | 253.1 | 252.9 | 252.7 | 252.9 | 253.1 | 253.2 | 253.4 | 253.4 | 253.2 | 253.1 |
| 122.5° | 269.8 | 269.6 | 269.5 | 269.3 | 269.5 | 269.6 | 269.8 | 269.9 | 269.9 | 269.9 | 269.8 |
| 125° | 293.8 | 293.9 | 294.0 | 294.1 | 294.0 | 293.9 | 293.8 | 293.8 | 293.6 | 293.3 | 293.1 |
| 127.5° | 316.1 | 316.0 | 316.0 | 315.9 | 316.0 | 316.0 | 316.1 | 316.2 | 316.3 | 316.3 | 316.3 |
| 130° | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.6 | 330.5 |
| 132.5° | 344.5 | 344.5 | 344.4 | 344.3 | 344.4 | 344.5 | 344.5 | 344.5 | 344.5 | 344.5 | 344.4 |
| 135° | 364.2 | 364.4 | 364.5 | 364.7 | 364.5 | 364.4 | 364.2 | 364.0 | 363.9 | 363.7 | 363.5 |
| 137.5° | 382.3 | 382.2 | 382.2 | 382.1 | 382.2 | 382.2 | 382.3 | 382.3 | 382.3 | 382.0 | 381.9 |
| 140° | 394.0 | 394.1 | 394.2 | 394.3 | 394.2 | 394.1 | 394.0 | 394.0 | 393.8 | 393.5 | 393.3 |
| 142.5° | 404.2 | 404.3 | 404.3 | 404.3 | 404.3 | 404.3 | 404.2 | 404.2 | 404.1 | 404.0 | 403.7 |
| 145° | 419.2 | 419.4 | 419.6 | 419.7 | 419.6 | 419.4 | 419.2 | 419.1 | 419.0 | 418.9 | 418.8 |
| 147.5° | 432.3 | 432.4 | 432.4 | 432.5 | 432.4 | 432.4 | 432.3 | 432.2 | 432.1 | 432.0 | 432.0 |
| 150° | 440.6 | 440.7 | 440.8 | 440.8 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 |
| 152.5° | 448.1 | 448.0 | 447.9 | 447.9 | 447.9 | 448.0 | 448.1 | 448.1 | 448.1 | 447.9 | 447.8 |
| 155° | 458.2 | 458.0 | 457.7 | 457.5 | 457.7 | 458.0 | 458.2 | 458.4 | 458.4 | 458.0 | 457.7 |
| 157.5° | 466.7 | 466.3 | 465.9 | 465.5 | 465.9 | 466.3 | 466.7 | 467.1 | 467.1 | 466.7 | 466.3 |
| 160° | 472.2 | 471.7 | 471.2 | 470.8 | 471.2 | 471.7 | 472.2 | 472.7 | 472.7 | 472.2 | 471.7 |
| 162.5° | 476.5 | 476.0 | 475.4 | 474.9 | 475.4 | 476.0 | 476.5 | 477.1 | 477.1 | 476.6 | 476.1 |
| 165° | 482.9 | 482.2 | 481.4 | 480.7 | 481.4 | 482.2 | 482.9 | 483.6 | 483.7 | 483.1 | 482.4 |
| 167.5° | 487.5 | 486.7 | 485.9 | 485.1 | 485.9 | 486.7 | 487.5 | 488.4 | 488.4 | 487.7 | 487.0 |
| 170° | 490.2 | 489.3 | 488.5 | 487.7 | 488.5 | 489.3 | 490.2 | 491.1 | 491.1 | 490.4 | 489.8 |
| 172.5° | 491.9 | 491.0 | 490.1 | 489.2 | 490.1 | 491.0 | 491.9 | 492.8 | 492.8 | 492.2 | 491.5 |
| 175° | 494.0 | 493.0 | 492.0 | 491.1 | 492.0 | 493.0 | 494.0 | 495.0 | 495.1 | 494.4 | 493.7 |
| 177.5° | 494.6 | 493.8 | 493.0 | 492.3 | 493.0 | 493.8 | 494.6 | 495.4 | 495.5 | 495.0 | 494.5 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1502.1 | 1504.2 | 1512.5 | 1520.4 | 1529.7 | 1536.5 | 1541.2 | 1546.4 | 1557.3 | 1566.2 | 1574.5 |
| 5° | 1407.4 | 1410.6 | 1427.5 | 1439.2 | 1459.4 | 1477.0 | 1490.7 | 1505.6 | 1523.2 | 1547.3 | 1569.5 |
| 7.5° | 1323.9 | 1336.0 | 1354.5 | 1373.5 | 1394.1 | 1417.1 | 1437.1 | 1459.7 | 1490.0 | 1523.1 | 1557.2 |
| 10° | 1276.5 | 1290.2 | 1309.7 | 1331.9 | 1351.4 | 1378.0 | 1402.8 | 1429.5 | 1464.0 | 1504.3 | 1544.7 |
| 12.5° | 1229.1 | 1251.6 | 1266.5 | 1292.7 | 1313.9 | 1335.9 | 1362.2 | 1397.2 | 1437.5 | 1479.8 | 1528.5 |
| 15° | 1169.7 | 1182.1 | 1210.7 | 1225.1 | 1255.0 | 1288.9 | 1314.9 | 1350.1 | 1389.1 | 1445.1 | 1499.7 |
| 17.5° | 1101.3 | 1117.5 | 1140.4 | 1167.7 | 1202.0 | 1228.5 | 1260.9 | 1297.1 | 1346.3 | 1401.9 | 1470.4 |
| 20° | 1056.5 | 1070.2 | 1098.1 | 1128.0 | 1164.6 | 1192.5 | 1227.0 | 1262.2 | 1313.0 | 1372.2 | 1443.8 |
| 22.5° | 1016.4 | 1029.6 | 1059.1 | 1087.0 | 1122.3 | 1156.6 | 1192.6 | 1233.5 | 1282.2 | 1344.6 | 1417.7 |
| 25° | 954.3 | 971.8 | 997.9 | 1026.5 | 1060.4 | 1099.4 | 1138.5 | 1174.9 | 1227.0 | 1292.7 | 1370.9 |
| 27.5° | 899.2 | 913.3 | 932.1 | 964.7 | 1003.1 | 1040.9 | 1079.6 | 1125.5 | 1175.5 | 1245.0 | 1326.1 |
| 30° | 863.8 | 876.9 | 895.7 | 925.6 | 961.5 | 1001.8 | 1042.2 | 1086.4 | 1138.5 | 1207.5 | 1290.2 |
| 32.5° | 835.7 | 845.5 | 862.3 | 889.2 | 921.9 | 964.3 | 1004.1 | 1049.9 | 1104.6 | 1172.6 | 1253.2 |
| 35° | 794.2 | 802.6 | 809.1 | 834.5 | 863.8 | 902.9 | 943.2 | 992.1 | 1044.8 | 1109.2 | 1189.9 |
| 37.5° | 753.4 | 756.3 | 765.8 | 782.4 | 810.8 | 846.8 | 884.3 | 932.3 | 986.3 | 1051.8 | 1124.5 |
| 40° | 728.4 | 729.7 | 735.6 | 751.2 | 775.9 | 809.8 | 846.2 | 893.7 | 945.2 | 1007.0 | 1079.3 |
| 42.5° | 703.9 | 703.1 | 708.5 | 719.4 | 742.6 | 773.3 | 809.3 | 852.6 | 904.0 | 961.2 | 1029.2 |
| 45° | 665.3 | 665.3 | 664.0 | 673.1 | 691.9 | 721.9 | 751.9 | 793.5 | 836.5 | 892.4 | 949.7 |
| 47.5° | 624.9 | 621.3 | 622.4 | 627.1 | 643.0 | 667.6 | 697.8 | 731.9 | 769.8 | 817.2 | 867.5 |
| 50° | 598.8 | 593.7 | 591.7 | 596.9 | 611.2 | 632.8 | 661.4 | 691.3 | 727.1 | 768.7 | 811.7 |
| 52.5° | 570.2 | 565.0 | 561.5 | 565.2 | 578.5 | 598.3 | 624.4 | 650.7 | 682.8 | 716.7 | 753.9 |
| 55° | 525.9 | 520.1 | 518.1 | 519.4 | 529.2 | 544.9 | 567.0 | 591.1 | 615.1 | 643.1 | 669.2 |
| 57.5° | 482.3 | 472.7 | 470.9 | 470.3 | 477.0 | 491.3 | 509.8 | 530.7 | 548.2 | 565.2 | 592.9 |
| 60° | 453.7 | 442.0 | 438.1 | 437.4 | 442.6 | 454.4 | 471.2 | 492.1 | 504.5 | 516.2 | 540.3 |
| 62.5° | 423.0 | 411.8 | 403.2 | 404.1 | 408.8 | 420.0 | 434.8 | 450.0 | 458.1 | 470.9 | 487.1 |
| 65° | 375.6 | 361.3 | 354.7 | 352.8 | 355.4 | 364.5 | 376.3 | 386.0 | 395.1 | 400.3 | 416.0 |
| 67.5° | 328.2 | 316.3 | 306.6 | 304.3 | 303.0 | 309.3 | 318.9 | 324.8 | 331.3 | 335.9 | 345.1 |
| 70° | 294.9 | 284.5 | 272.7 | 268.8 | 268.2 | 273.4 | 282.5 | 283.2 | 292.3 | 294.2 | 304.0 |
| 72.5° | 262.0 | 249.1 | 241.0 | 237.1 | 234.3 | 239.0 | 245.0 | 246.7 | 251.7 | 255.2 | 260.2 |
| 75° | 210.9 | 201.1 | 193.3 | 187.4 | 185.5 | 188.1 | 188.1 | 191.4 | 194.6 | 196.6 | 202.4 |
| 77.5° | 166.0 | 154.8 | 145.5 | 142.2 | 139.8 | 138.1 | 139.6 | 141.5 | 140.0 | 143.3 | 144.6 |
| 80° | 134.8 | 123.0 | 115.9 | 114.5 | 110.6 | 107.4 | 106.7 | 108.7 | 106.1 | 107.4 | 111.3 |
| 82.5° | 104.0 | 96.4 | 88.8 | 87.5 | 82.5 | 80.9 | 80.2 | 79.0 | 79.0 | 78.8 | 79.6 |
| 85° | 61.8 | 57.3 | 52.1 | 48.8 | 46.9 | 43.6 | 43.6 | 42.3 | 41.0 | 39.7 | 40.4 |
| 87.5° | 26.7 | 25.6 | 22.8 | 21.1 | 20.0 | 17.8 | 17.6 | 15.9 | 15.2 | 14.4 | 13.8 |
| 90° | 8.6 | 8.2 | 7.5 | 6.8 | 6.2 | 5.5 | 4.7 | 3.8 | 2.9 | 2.0 | 1.1 |
| 92.5° | 8.3 | 7.8 | 7.2 | 6.5 | 5.9 | 5.2 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 |
| 95° | 8.6 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 9.1 | 12.0 | 14.8 | 17.5 | 20.3 |
| 97.5° | 9.8 | 9.8 | 18.9 | 28.0 | 37.3 | 46.4 | 50.1 | 48.3 | 46.6 | 44.9 | 43.1 |
| 100° | 14.8 | 16.2 | 27.6 | 38.9 | 50.2 | 61.6 | 66.5 | 65.1 | 63.6 | 62.0 | 60.6 |
| 102.5° | 63.3 | 78.4 | 79.8 | 81.3 | 82.8 | 84.2 | 84.5 | 83.3 | 82.3 | 81.2 | 80.1 |
| 105° | 116.0 | 115.3 | 114.9 | 114.5 | 114.1 | 113.7 | 113.2 | 112.7 | 112.2 | 111.7 | 111.2 |
| 107.5° | 144.1 | 143.7 | 143.2 | 142.6 | 142.0 | 141.5 | 141.1 | 140.9 | 140.6 | 140.4 | 140.1 |
| 110° | 163.1 | 163.0 | 162.5 | 162.0 | 161.4 | 160.9 | 160.6 | 160.4 | 160.1 | 159.9 | 159.6 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.6 | 181.6 | 181.3 | 181.1 | 180.9 | 180.7 | 180.3 | 179.9 | 179.4 | 179.0 | 178.6 |
| 115° | 208.6 | 208.4 | 208.5 | 208.6 | 208.6 | 208.7 | 208.6 | 208.4 | 208.1 | 207.9 | 207.7 |
| 117.5° | 236.1 | 236.2 | 236.0 | 235.8 | 235.6 | 235.5 | 235.2 | 234.9 | 234.6 | 234.2 | 233.9 |
| 120° | 252.9 | 252.7 | 252.8 | 252.9 | 253.0 | 253.1 | 252.9 | 252.6 | 252.3 | 251.9 | 251.6 |
| 122.5° | 269.7 | 269.6 | 269.5 | 269.4 | 269.2 | 269.1 | 269.0 | 268.8 | 268.6 | 268.4 | 268.2 |
| 125° | 292.9 | 292.6 | 292.8 | 292.9 | 293.1 | 293.3 | 293.2 | 292.9 | 292.5 | 292.2 | 291.9 |
| 127.5° | 316.4 | 316.4 | 316.1 | 315.7 | 315.3 | 315.0 | 314.7 | 314.6 | 314.5 | 314.5 | 314.4 |
| 130° | 330.4 | 330.4 | 330.1 | 329.9 | 329.6 | 329.4 | 329.2 | 329.1 | 329.1 | 328.9 | 328.8 |
| 132.5° | 344.3 | 344.2 | 343.9 | 343.6 | 343.3 | 343.0 | 342.8 | 342.6 | 342.4 | 342.3 | 342.2 |
| 135° | 363.4 | 363.2 | 362.9 | 362.6 | 362.2 | 361.9 | 361.7 | 361.8 | 361.9 | 362.0 | 362.1 |
| 137.5° | 381.7 | 381.6 | 381.2 | 380.8 | 380.4 | 380.1 | 379.9 | 379.8 | 379.8 | 379.8 | 379.8 |
| 140° | 393.1 | 392.8 | 392.6 | 392.5 | 392.2 | 392.1 | 391.9 | 391.8 | 391.6 | 391.4 | 391.3 |
| 142.5° | 403.6 | 403.4 | 403.3 | 403.2 | 403.1 | 403.0 | 402.8 | 402.5 | 402.3 | 401.9 | 401.6 |
| 145° | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.5 | 418.2 | 418.0 | 417.8 | 417.5 |
| 147.5° | 431.9 | 431.9 | 431.9 | 432.0 | 432.1 | 432.2 | 432.0 | 431.5 | 431.0 | 430.6 | 430.2 |
| 150° | 440.4 | 440.4 | 440.5 | 440.6 | 440.7 | 440.8 | 440.7 | 440.3 | 440.0 | 439.7 | 439.4 |
| 152.5° | 447.7 | 447.5 | 447.7 | 447.8 | 448.0 | 448.1 | 448.1 | 447.8 | 447.5 | 447.3 | 447.0 |
| 155° | 457.4 | 457.1 | 457.3 | 457.5 | 457.8 | 458.0 | 458.1 | 458.0 | 458.0 | 457.9 | 457.8 |
| 157.5° | 465.9 | 465.5 | 465.7 | 465.9 | 466.3 | 466.5 | 466.7 | 466.8 | 466.8 | 466.8 | 466.9 |
| 160° | 471.2 | 470.8 | 470.8 | 470.9 | 471.0 | 471.1 | 471.2 | 471.5 | 471.7 | 472.0 | 472.2 |
| 162.5° | 475.6 | 475.2 | 475.2 | 475.3 | 475.4 | 475.5 | 475.7 | 476.0 | 476.3 | 476.6 | 477.0 |
| 165° | 481.8 | 481.1 | 481.1 | 481.1 | 481.1 | 481.1 | 481.3 | 481.7 | 482.1 | 482.5 | 482.9 |
| 167.5° | 486.2 | 485.5 | 485.6 | 485.6 | 485.7 | 485.7 | 485.9 | 486.4 | 486.8 | 487.2 | 487.6 |
| 170° | 489.1 | 488.4 | 488.4 | 488.3 | 488.2 | 488.1 | 488.4 | 488.9 | 489.3 | 489.8 | 490.3 |
| 172.5° | 490.9 | 490.2 | 490.2 | 490.1 | 490.0 | 489.9 | 490.2 | 490.6 | 491.1 | 491.6 | 492.1 |
| 175° | 492.9 | 492.2 | 492.1 | 492.0 | 492.0 | 491.9 | 492.0 | 492.5 | 493.0 | 493.5 | 494.0 |
| 177.5° | 493.9 | 493.4 | 493.3 | 493.2 | 493.0 | 492.9 | 493.1 | 493.5 | 494.0 | 494.5 | 494.9 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1581.8 | 1587.0 | 1593.7 | 1605.2 | 1609.4 | 1614.6 | 1621.9 | 1621.4 | 1623.4 | 1631.3 | 1648.0 |
| 5° | 1587.6 | 1607.9 | 1627.3 | 1650.8 | 1675.5 | 1691.8 | 1713.9 | 1727.6 | 1741.3 | 1758.8 | 1788.8 |
| 7.5° | 1590.0 | 1622.0 | 1657.8 | 1699.0 | 1735.5 | 1777.8 | 1810.7 | 1841.7 | 1869.6 | 1906.7 | 1942.5 |
| 10° | 1586.3 | 1629.3 | 1675.5 | 1727.6 | 1782.9 | 1829.8 | 1872.1 | 1920.3 | 1961.3 | 2006.2 | 2046.6 |
| 12.5° | 1579.6 | 1631.4 | 1693.2 | 1751.6 | 1816.2 | 1885.5 | 1938.3 | 1987.0 | 2041.5 | 2093.2 | 2155.4 |
| 15° | 1564.2 | 1635.2 | 1707.4 | 1784.2 | 1870.8 | 1950.8 | 2027.1 | 2090.2 | 2148.8 | 2226.3 | 2307.6 |
| 17.5° | 1544.7 | 1621.2 | 1712.4 | 1805.3 | 1895.8 | 1987.4 | 2081.6 | 2176.5 | 2250.5 | 2346.7 | 2410.4 |
| 20° | 1526.5 | 1615.0 | 1708.7 | 1819.4 | 1909.8 | 2023.8 | 2117.5 | 2209.3 | 2310.9 | 2406.5 | 2482.7 |
| 22.5° | 1501.0 | 1597.8 | 1697.3 | 1807.4 | 1926.6 | 2040.4 | 2148.8 | 2248.4 | 2349.9 | 2454.0 | 2546.3 |
| 25° | 1468.5 | 1556.4 | 1674.2 | 1799.2 | 1917.7 | 2041.3 | 2165.7 | 2290.7 | 2400.0 | 2510.1 | 2596.0 |
| 27.5° | 1413.3 | 1524.3 | 1634.0 | 1763.0 | 1894.7 | 2034.6 | 2167.6 | 2298.3 | 2413.0 | 2503.4 | 2556.6 |
| 30° | 1385.2 | 1481.6 | 1600.7 | 1730.2 | 1872.7 | 2023.2 | 2161.8 | 2290.0 | 2396.8 | 2469.1 | 2490.5 |
| 32.5° | 1343.5 | 1443.0 | 1559.5 | 1693.8 | 1844.6 | 1999.2 | 2143.6 | 2264.5 | 2353.5 | 2391.4 | 2365.5 |
| 35° | 1281.7 | 1371.6 | 1489.4 | 1626.7 | 1783.5 | 1948.2 | 2090.8 | 2193.0 | 2238.6 | 2202.8 | 2113.6 |
| 37.5° | 1207.5 | 1296.6 | 1414.9 | 1549.8 | 1712.1 | 1879.5 | 2008.4 | 2081.9 | 2066.9 | 1977.8 | 1844.9 |
| 40° | 1155.4 | 1238.8 | 1351.4 | 1497.1 | 1655.4 | 1823.3 | 1936.6 | 1976.3 | 1934.6 | 1807.0 | 1665.7 |
| 42.5° | 1097.6 | 1178.8 | 1292.0 | 1432.6 | 1600.2 | 1755.1 | 1853.7 | 1857.0 | 1787.2 | 1634.7 | 1492.9 |
| 45° | 1009.6 | 1087.0 | 1193.8 | 1340.3 | 1495.3 | 1641.0 | 1706.1 | 1674.2 | 1545.3 | 1398.2 | 1255.6 |
| 47.5° | 922.8 | 989.9 | 1095.1 | 1234.2 | 1381.3 | 1504.1 | 1536.4 | 1479.0 | 1341.6 | 1198.8 | 1066.7 |
| 50° | 859.2 | 926.9 | 1025.9 | 1158.7 | 1300.6 | 1406.7 | 1422.3 | 1346.1 | 1211.4 | 1067.6 | 964.0 |
| 52.5° | 798.3 | 865.5 | 960.8 | 1083.7 | 1213.7 | 1309.3 | 1309.9 | 1221.7 | 1087.4 | 959.2 | 863.0 |
| 55° | 708.9 | 769.4 | 855.3 | 965.3 | 1081.2 | 1156.1 | 1137.8 | 1046.7 | 930.2 | 818.9 | 734.9 |
| 57.5° | 622.7 | 675.4 | 754.6 | 846.4 | 948.4 | 1010.2 | 979.9 | 892.2 | 788.1 | 693.7 | 630.1 |
| 60° | 567.0 | 617.1 | 684.8 | 771.4 | 857.3 | 905.5 | 876.9 | 797.4 | 701.7 | 625.6 | 570.2 |
| 62.5° | 512.8 | 555.1 | 620.2 | 695.4 | 775.0 | 810.7 | 785.1 | 706.8 | 624.1 | 555.2 | 510.4 |
| 65° | 436.1 | 470.7 | 522.7 | 587.2 | 645.1 | 675.7 | 654.2 | 581.3 | 518.1 | 468.7 | 432.8 |
| 67.5° | 364.5 | 391.5 | 430.9 | 482.6 | 531.8 | 548.4 | 528.8 | 478.1 | 424.5 | 385.0 | 359.7 |
| 70° | 315.0 | 340.5 | 373.7 | 413.4 | 456.3 | 473.9 | 454.4 | 414.0 | 370.4 | 333.9 | 309.2 |
| 72.5° | 271.8 | 291.5 | 319.5 | 353.4 | 387.0 | 404.6 | 391.3 | 352.5 | 315.7 | 288.6 | 267.5 |
| 75° | 207.0 | 224.0 | 243.4 | 267.5 | 293.6 | 305.3 | 293.6 | 266.8 | 241.5 | 221.4 | 206.4 |
| 77.5° | 150.5 | 159.6 | 174.7 | 192.7 | 209.0 | 217.9 | 207.8 | 189.7 | 174.2 | 160.4 | 153.0 |
| 80° | 114.5 | 121.1 | 131.5 | 145.8 | 156.9 | 165.3 | 158.8 | 143.8 | 131.5 | 122.4 | 119.1 |
| 82.5° | 83.3 | 87.7 | 94.5 | 105.2 | 112.6 | 116.9 | 114.1 | 103.2 | 98.2 | 90.1 | 86.8 |
| 85° | 41.0 | 43.6 | 48.2 | 51.4 | 58.0 | 58.6 | 59.3 | 54.7 | 50.1 | 48.2 | 45.6 |
| 87.5° | 14.4 | 15.2 | 16.9 | 18.7 | 20.9 | 21.5 | 21.1 | 21.3 | 19.3 | 18.9 | 17.0 |
| 90° | 2.0 | 2.9 | 3.8 | 4.7 | 5.5 | 6.2 | 6.8 | 7.5 | 8.2 | 8.6 | 9.1 |
| 92.5° | 4.7 | 4.7 | 4.8 | 4.9 | 5.2 | 5.9 | 6.5 | 7.2 | 7.8 | 8.3 | 8.8 |
| 95° | 17.5 | 14.8 | 12.0 | 9.1 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.6 | 9.1 |
| 97.5° | 44.9 | 46.6 | 48.3 | 50.1 | 46.4 | 37.3 | 28.0 | 18.9 | 9.8 | 9.8 | 9.9 |
| 100° | 62.0 | 63.6 | 65.1 | 66.5 | 61.6 | 50.2 | 38.9 | 27.6 | 16.2 | 14.8 | 13.5 |
| 102.5° | 81.2 | 82.3 | 83.3 | 84.5 | 84.2 | 82.8 | 81.3 | 79.8 | 78.4 | 63.3 | 48.2 |
| 105° | 111.7 | 112.2 | 112.7 | 113.2 | 113.7 | 114.1 | 114.5 | 114.9 | 115.3 | 116.0 | 116.8 |
| 107.5° | 140.4 | 140.6 | 140.9 | 141.1 | 141.5 | 142.0 | 142.6 | 143.2 | 143.7 | 144.1 | 144.5 |
| 110° | 159.9 | 160.1 | 160.4 | 160.6 | 160.9 | 161.4 | 162.0 | 162.5 | 163.0 | 163.1 | 163.3 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 179.0 | 179.4 | 179.9 | 180.3 | 180.7 | 180.9 | 181.1 | 181.3 | 181.6 | 181.6 | 181.5 |
| 115° | 207.9 | 208.1 | 208.4 | 208.6 | 208.7 | 208.6 | 208.6 | 208.5 | 208.4 | 208.6 | 208.7 |
| 117.5° | 234.2 | 234.6 | 234.9 | 235.2 | 235.5 | 235.6 | 235.8 | 236.0 | 236.2 | 236.1 | 236.1 |
| 120° | 251.9 | 252.3 | 252.6 | 252.9 | 253.1 | 253.0 | 252.9 | 252.8 | 252.7 | 252.9 | 253.1 |
| 122.5° | 268.4 | 268.6 | 268.8 | 269.0 | 269.1 | 269.2 | 269.4 | 269.5 | 269.6 | 269.7 | 269.8 |
| 125° | 292.2 | 292.5 | 292.9 | 293.2 | 293.3 | 293.1 | 292.9 | 292.8 | 292.6 | 292.9 | 293.1 |
| 127.5° | 314.5 | 314.5 | 314.6 | 314.7 | 315.0 | 315.3 | 315.7 | 316.1 | 316.4 | 316.4 | 316.3 |
| 130° | 328.9 | 329.1 | 329.1 | 329.2 | 329.4 | 329.6 | 329.9 | 330.1 | 330.4 | 330.4 | 330.5 |
| 132.5° | 342.3 | 342.4 | 342.6 | 342.8 | 343.0 | 343.3 | 343.6 | 343.9 | 344.2 | 344.3 | 344.4 |
| 135° | 362.0 | 361.9 | 361.8 | 361.7 | 361.9 | 362.2 | 362.6 | 362.9 | 363.2 | 363.4 | 363.5 |
| 137.5° | 379.8 | 379.8 | 379.8 | 379.9 | 380.1 | 380.4 | 380.8 | 381.2 | 381.6 | 381.7 | 381.9 |
| 140° | 391.4 | 391.6 | 391.8 | 391.9 | 392.1 | 392.2 | 392.5 | 392.6 | 392.8 | 393.1 | 393.3 |
| 142.5° | 401.9 | 402.3 | 402.5 | 402.8 | 403.0 | 403.1 | 403.2 | 403.3 | 403.4 | 403.6 | 403.7 |
| 145° | 417.8 | 418.0 | 418.2 | 418.5 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.7 | 418.8 |
| 147.5° | 430.6 | 431.0 | 431.5 | 432.0 | 432.2 | 432.1 | 432.0 | 431.9 | 431.9 | 431.9 | 432.0 |
| 150° | 439.7 | 440.0 | 440.3 | 440.7 | 440.8 | 440.7 | 440.6 | 440.5 | 440.4 | 440.4 | 440.4 |
| 152.5° | 447.3 | 447.5 | 447.8 | 448.1 | 448.1 | 448.0 | 447.8 | 447.7 | 447.5 | 447.7 | 447.8 |
| 155° | 457.9 | 458.0 | 458.0 | 458.1 | 458.0 | 457.8 | 457.5 | 457.3 | 457.1 | 457.4 | 457.7 |
| 157.5° | 466.8 | 466.8 | 466.8 | 466.7 | 466.5 | 466.3 | 465.9 | 465.7 | 465.5 | 465.9 | 466.3 |
| 160° | 472.0 | 471.7 | 471.5 | 471.2 | 471.1 | 471.0 | 470.9 | 470.8 | 470.8 | 471.2 | 471.7 |
| 162.5° | 476.6 | 476.3 | 476.0 | 475.7 | 475.5 | 475.4 | 475.3 | 475.2 | 475.2 | 475.6 | 476.1 |
| 165° | 482.5 | 482.1 | 481.7 | 481.3 | 481.1 | 481.1 | 481.1 | 481.1 | 481.1 | 481.8 | 482.4 |
| 167.5° | 487.2 | 486.8 | 486.4 | 485.9 | 485.7 | 485.7 | 485.6 | 485.6 | 485.5 | 486.2 | 487.0 |
| 170° | 489.8 | 489.3 | 488.9 | 488.4 | 488.1 | 488.2 | 488.3 | 488.4 | 488.4 | 489.1 | 489.8 |
| 172.5° | 491.6 | 491.1 | 490.6 | 490.2 | 489.9 | 490.0 | 490.1 | 490.2 | 490.2 | 490.9 | 491.5 |
| 175° | 493.5 | 493.0 | 492.5 | 492.0 | 491.9 | 492.0 | 492.0 | 492.1 | 492.2 | 492.9 | 493.7 |
| 177.5° | 494.5 | 494.0 | 493.5 | 493.1 | 492.9 | 493.0 | 493.2 | 493.3 | 493.4 | 493.9 | 494.5 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5° | 1656.3 | 1657.3 | 1662.0 | 1665.7 | 1666.7 | 1671.9 | 1672.4 |
| 5° | 1801.8 | 1812.9 | 1834.3 | 1836.3 | 1839.6 | 1856.5 | 1843.5 |
| 7.5° | 1972.4 | 2000.5 | 2019.3 | 2035.8 | 2041.8 | 2049.2 | 2047.6 |
| 10° | 2081.7 | 2123.4 | 2144.2 | 2177.4 | 2178.7 | 2187.2 | 2182.0 |
| 12.5° | 2191.6 | 2240.0 | 2278.0 | 2284.1 | 2312.0 | 2316.3 | 2323.6 |
| 15° | 2347.3 | 2398.7 | 2451.4 | 2470.4 | 2508.8 | 2517.9 | 2532.2 |
| 17.5° | 2493.7 | 2546.3 | 2583.2 | 2632.0 | 2647.8 | 2668.9 | 2654.5 |
| 20° | 2573.8 | 2631.1 | 2678.0 | 2716.4 | 2732.6 | 2744.4 | 2743.1 |
| 22.5° | 2622.2 | 2680.1 | 2718.0 | 2747.2 | 2762.3 | 2767.3 | 2767.0 |
| 25° | 2652.6 | 2685.8 | 2697.5 | 2708.6 | 2691.6 | 2685.8 | 2688.4 |
| 27.5° | 2568.3 | 2559.6 | 2529.1 | 2488.9 | 2447.3 | 2414.2 | 2396.2 |
| 30° | 2452.1 | 2401.3 | 2355.2 | 2274.4 | 2232.8 | 2208.0 | 2185.9 |
| 32.5° | 2287.6 | 2207.1 | 2118.1 | 2044.2 | 1996.8 | 1960.1 | 1954.7 |
| 35° | 2005.6 | 1884.5 | 1775.8 | 1685.3 | 1638.4 | 1598.7 | 1589.6 |
| 37.5° | 1705.1 | 1579.3 | 1481.4 | 1401.7 | 1351.4 | 1323.4 | 1297.2 |
| 40° | 1505.6 | 1397.6 | 1301.2 | 1233.5 | 1195.1 | 1174.9 | 1158.7 |
| 42.5° | 1352.0 | 1253.4 | 1157.5 | 1106.0 | 1071.2 | 1058.8 | 1049.3 |
| 45° | 1139.8 | 1048.0 | 981.6 | 942.6 | 922.3 | 901.6 | 891.8 |
| 47.5° | 969.9 | 895.2 | 851.4 | 818.2 | 796.6 | 784.2 | 778.0 |
| 50° | 873.6 | 812.4 | 773.3 | 748.0 | 728.4 | 718.6 | 713.5 |
| 52.5° | 788.1 | 737.9 | 705.1 | 684.9 | 671.6 | 664.5 | 662.4 |
| 55° | 678.9 | 640.5 | 619.7 | 602.1 | 592.4 | 585.9 | 583.3 |
| 57.5° | 590.1 | 560.6 | 543.6 | 529.2 | 525.5 | 520.0 | 518.1 |
| 60° | 531.8 | 509.1 | 494.7 | 484.9 | 481.7 | 475.2 | 476.5 |
| 62.5° | 480.3 | 461.6 | 449.4 | 443.8 | 439.5 | 434.1 | 435.9 |
| 65° | 406.2 | 392.5 | 386.0 | 380.8 | 375.6 | 372.3 | 375.0 |
| 67.5° | 340.8 | 331.5 | 322.6 | 319.6 | 317.0 | 316.5 | 313.7 |
| 70° | 298.2 | 290.3 | 282.5 | 280.5 | 280.5 | 277.9 | 277.3 |
| 72.5° | 257.0 | 251.3 | 246.1 | 244.6 | 242.6 | 243.6 | 240.8 |
| 75° | 198.5 | 194.0 | 192.0 | 190.0 | 189.4 | 189.4 | 187.4 |
| 77.5° | 146.8 | 143.3 | 140.2 | 140.2 | 137.9 | 137.0 | 136.7 |
| 80° | 111.3 | 110.0 | 107.4 | 107.4 | 106.1 | 106.7 | 105.4 |
| 82.5° | 83.7 | 81.9 | 81.4 | 80.3 | 78.5 | 78.6 | 77.4 |
| 85° | 44.9 | 43.0 | 42.3 | 40.4 | 39.1 | 40.4 | 39.1 |
| 87.5° | 17.5 | 17.1 | 16.6 | 15.7 | 15.2 | 15.2 | 13.7 |
| 90° | 9.6 | 10.1 | 10.4 | 10.6 | 10.8 | 10.9 | 11.1 |
| 92.5° | 9.3 | 9.8 | 10.0 | 10.1 | 10.1 | 10.2 | 10.2 |
| 95° | 9.6 | 10.1 | 10.4 | 10.4 | 10.5 | 10.6 | 10.7 |
| 97.5° | 9.9 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 |
| 100° | 12.1 | 10.7 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 |
| 102.5° | 33.2 | 18.1 | 10.6 | 10.6 | 10.6 | 10.6 | 10.7 |
| 105° | 117.5 | 118.2 | 117.2 | 114.1 | 111.2 | 108.3 | 105.3 |
| 107.5° | 144.8 | 145.2 | 145.5 | 145.9 | 146.1 | 146.4 | 146.8 |
| 110° | 163.5 | 163.6 | 163.8 | 164.0 | 164.3 | 164.5 | 164.8 |



TEST NUMBER: P332835-930

CATALOG NUMBER: S124DIW-S1195D470U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.5 | 181.4 | 181.6 | 181.9 | 182.2 | 182.5 | 182.8 |
| 115° | 208.9 | 209.0 | 209.1 | 209.1 | 209.1 | 209.1 | 209.1 |
| 117.5° | 236.1 | 236.0 | 236.0 | 235.9 | 235.9 | 235.9 | 235.9 |
| 120° | 253.2 | 253.4 | 253.4 | 253.2 | 253.1 | 252.9 | 252.7 |
| 122.5° | 269.9 | 269.9 | 269.9 | 269.8 | 269.6 | 269.5 | 269.3 |
| 125° | 293.3 | 293.6 | 293.8 | 293.8 | 293.9 | 294.0 | 294.1 |
| 127.5° | 316.3 | 316.3 | 316.2 | 316.1 | 316.0 | 316.0 | 315.9 |
| 130° | 330.6 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 | 330.7 |
| 132.5° | 344.5 | 344.5 | 344.5 | 344.5 | 344.5 | 344.4 | 344.3 |
| 135° | 363.7 | 363.9 | 364.0 | 364.2 | 364.4 | 364.5 | 364.7 |
| 137.5° | 382.0 | 382.3 | 382.3 | 382.3 | 382.2 | 382.2 | 382.1 |
| 140° | 393.5 | 393.8 | 394.0 | 394.0 | 394.1 | 394.2 | 394.3 |
| 142.5° | 404.0 | 404.1 | 404.2 | 404.2 | 404.3 | 404.3 | 404.3 |
| 145° | 418.9 | 419.0 | 419.1 | 419.2 | 419.4 | 419.6 | 419.7 |
| 147.5° | 432.0 | 432.1 | 432.2 | 432.3 | 432.4 | 432.4 | 432.5 |
| 150° | 440.4 | 440.4 | 440.5 | 440.6 | 440.7 | 440.8 | 440.8 |
| 152.5° | 447.9 | 448.1 | 448.1 | 448.1 | 448.0 | 447.9 | 447.9 |
| 155° | 458.0 | 458.4 | 458.4 | 458.2 | 458.0 | 457.7 | 457.5 |
| 157.5° | 466.7 | 467.1 | 467.1 | 466.7 | 466.3 | 465.9 | 465.5 |
| 160° | 472.2 | 472.7 | 472.7 | 472.2 | 471.7 | 471.2 | 470.8 |
| 162.5° | 476.6 | 477.1 | 477.1 | 476.5 | 476.0 | 475.4 | 474.9 |
| 165° | 483.1 | 483.7 | 483.6 | 482.9 | 482.2 | 481.4 | 480.7 |
| 167.5° | 487.7 | 488.4 | 488.4 | 487.5 | 486.7 | 485.9 | 485.1 |
| 170° | 490.4 | 491.1 | 491.1 | 490.2 | 489.3 | 488.5 | 487.7 |
| 172.5° | 492.2 | 492.8 | 492.8 | 491.9 | 491.0 | 490.1 | 489.2 |
| 175° | 494.4 | 495.1 | 495.0 | 494.0 | 493.0 | 492.0 | 491.1 |
| 177.5° | 495.0 | 495.5 | 495.4 | 494.6 | 493.8 | 493.0 | 492.3 |
| 180° | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 | 494.0 |

(END OF REPORT)