

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: PORTFOLIO

Report Number: P246020

Luminaire Tested: **LD8B20D010 ER8B20927 8LBSW0MW**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P246020  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)  
Test Lab: INNOVATION CENTER-P1  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD8B20D010 ER8B20927 8LBSW0MW  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
97 CRI 2700 CCT WITH MATTE WHITE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1699.9 lumens  
Efficiency: N/A  
Efficacy: 79.8 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Point Source (0' x 0' x 0')  
CIE Type: Direct

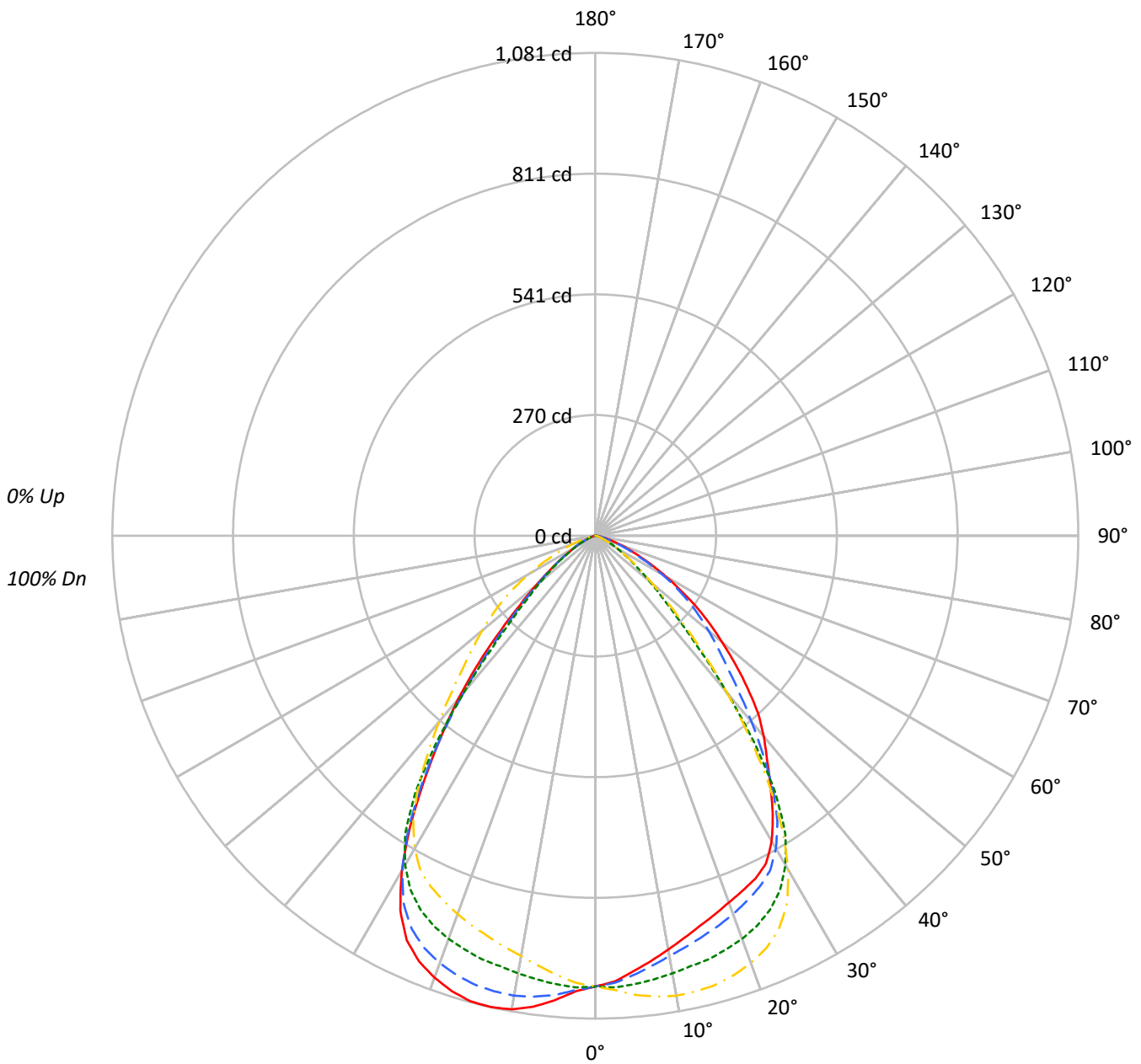
Input Watts (W): 21.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98  | 99  | 97  | 95  | 95  | 94  | 92  | 90  |
| 2   | 105 | 99  | 94  | 89  | 102 | 97  | 92  | 88  | 93  | 90  | 86  | 90  | 87  | 84  | 87  | 85  | 83  | 81  |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |
| 4   | 91  | 82  | 75  | 70  | 89  | 80  | 74  | 69  | 78  | 73  | 68  | 76  | 71  | 67  | 74  | 70  | 67  | 65  |
| 5   | 85  | 75  | 68  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 55  | 53  |
| 7   | 75  | 63  | 56  | 51  | 73  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 50  | 48  |
| 8   | 70  | 59  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 46  | 55  | 49  | 46  | 44  |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 37  |

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

|     |  |     |      |      |
|-----|--|-----|------|------|
|     | 0°   | 90° | 180° | 270° |
| 0°  | Luminaire represents a point source (luminous area is zero). |     |      |      |
| 5°  | No luminance values can be calculated.                       |     |      |      |
| 10° |  |     |      |      |
| 15° |  |     |      |      |
| 20° |  |     |      |      |
| 25° |  |     |      |      |
| 30° |  |     |      |      |
| 35° |  |     |      |      |
| 40° |  |     |      |      |
| 45° |  |     |      |      |
| 50° |  |     |      |      |
| 55° |  |     |      |      |
| 60° |  |     |      |      |
| 65° |  |     |      |      |
| 70° |  |     |      |      |
| 75° |  |     |      |      |
| 80° |  |     |      |      |
| 85° |  |     |      |      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.1   | 5.7       |
| 10°-20°   | 278.2  | 16.4      |
| 20°-30°   | 421.2  | 24.8      |
| 30°-40°   | 422.1  | 24.8      |
| 40°-50°   | 265.1  | 15.6      |
| 50°-60°   | 141.3  | 8.3       |
| 60°-70°   | 58.1   | 3.4       |
| 70°-80°   | 15.3   | 0.9       |
| 80°-90°   | 2.6    | 0.2       |
| 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°    | 795.4  | 46.8      |
| 0°-40°    | 1217.5 | 71.6      |
| 0°-60°    | 1623.8 | 95.5      |
| 0°-90°    | 1699.9 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1699.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1009 | 1009 | 1009 | 1009 | 1009 |      |
| 5°  | 979  | 1008 | 1044 | 1008 | 979  | 92   |
| 15° | 904  | 982  | 1079 | 982  | 904  | 256  |
| 25° | 847  | 924  | 999  | 924  | 847  | 388  |
| 35° | 683  | 702  | 666  | 702  | 683  | 428  |
| 45° | 481  | 257  | 298  | 257  | 481  | 370  |
| 55° | 274  | 95   | 100  | 95   | 274  | 244  |
| 65° | 109  | 29   | 27   | 29   | 109  | 113  |
| 75° | 31   | 6    | 5    | 6    | 31   | 35   |
| 85° | 6    | 0    | 0    | 0    | 6    | 7    |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 998.8  | 997.9  | 997.3  | 998.3  | 998.8  | 1000.8 | 1000.4 | 1001.2 | 1001.2 | 1001.8 | 1002.7 |
| 5°    | 978.6  | 978.1  | 978.6  | 978.6  | 980.6  | 982.6  | 982.0  | 983.6  | 984.5  | 987.0  | 988.0  |
| 7.5°  | 959.8  | 959.8  | 959.4  | 961.3  | 962.3  | 965.4  | 964.8  | 967.3  | 968.7  | 971.2  | 974.7  |
| 10°   | 940.7  | 940.7  | 941.2  | 942.6  | 943.1  | 947.6  | 947.6  | 951.0  | 953.0  | 955.5  | 959.8  |
| 12.5° | 921.9  | 921.9  | 924.9  | 924.0  | 925.9  | 929.4  | 930.8  | 934.3  | 937.2  | 942.2  | 946.6  |
| 15°   | 904.2  | 904.2  | 905.2  | 907.6  | 909.1  | 913.6  | 916.0  | 920.0  | 923.4  | 928.4  | 934.8  |
| 17.5° | 889.0  | 888.4  | 889.0  | 891.9  | 894.8  | 898.8  | 900.8  | 905.7  | 909.1  | 915.5  | 921.5  |
| 20°   | 873.7  | 874.7  | 874.7  | 877.0  | 879.1  | 884.0  | 885.9  | 891.4  | 895.4  | 901.2  | 908.2  |
| 22.5° | 860.4  | 859.8  | 859.8  | 863.3  | 864.8  | 869.2  | 871.2  | 876.2  | 880.5  | 885.5  | 891.9  |
| 25°   | 847.0  | 846.0  | 848.0  | 848.5  | 849.5  | 854.4  | 855.9  | 859.4  | 863.8  | 868.3  | 874.7  |
| 27.5° | 827.3  | 826.3  | 826.9  | 828.8  | 830.2  | 834.2  | 835.2  | 838.7  | 842.1  | 846.0  | 851.5  |
| 30°   | 789.4  | 788.4  | 787.9  | 791.3  | 792.9  | 795.8  | 797.3  | 803.2  | 804.2  | 808.6  | 812.6  |
| 32.5° | 739.1  | 738.7  | 739.7  | 742.6  | 744.1  | 748.0  | 749.9  | 753.4  | 755.9  | 758.4  | 762.3  |
| 35°   | 683.0  | 682.0  | 683.0  | 685.9  | 685.9  | 689.4  | 690.9  | 692.3  | 691.9  | 692.3  | 691.3  |
| 37.5° | 630.8  | 630.2  | 630.8  | 632.2  | 630.8  | 632.2  | 630.8  | 627.8  | 622.4  | 616.4  | 610.5  |
| 40°   | 586.4  | 586.9  | 583.9  | 585.9  | 580.5  | 579.5  | 574.1  | 566.7  | 555.9  | 544.1  | 527.3  |
| 42.5° | 539.1  | 537.6  | 535.6  | 536.6  | 532.2  | 528.8  | 519.9  | 510.5  | 496.7  | 477.0  | 456.8  |
| 45°   | 480.9  | 480.5  | 479.5  | 478.9  | 476.0  | 472.5  | 465.2  | 454.3  | 439.1  | 418.8  | 394.7  |
| 47.5° | 424.2  | 422.8  | 422.8  | 423.2  | 419.8  | 419.3  | 413.4  | 404.1  | 390.7  | 371.0  | 345.9  |
| 50°   | 370.0  | 369.6  | 370.6  | 372.5  | 370.0  | 369.1  | 365.2  | 358.8  | 347.0  | 330.2  | 306.4  |
| 52.5° | 321.3  | 320.7  | 321.8  | 324.2  | 323.2  | 324.2  | 320.3  | 315.3  | 307.5  | 291.3  | 270.6  |
| 55°   | 273.5  | 273.5  | 273.5  | 276.4  | 276.4  | 276.4  | 274.5  | 271.5  | 264.2  | 252.3  | 233.1  |
| 57.5° | 223.8  | 224.2  | 227.1  | 227.7  | 227.1  | 228.2  | 227.7  | 224.7  | 219.8  | 211.4  | 196.6  |
| 60°   | 181.8  | 181.8  | 183.3  | 184.8  | 184.3  | 184.8  | 184.8  | 183.3  | 178.4  | 171.5  | 159.6  |
| 62.5° | 143.9  | 145.4  | 144.3  | 145.4  | 147.4  | 145.4  | 144.3  | 143.4  | 140.0  | 135.5  | 125.7  |
| 65°   | 108.9  | 109.9  | 109.9  | 110.4  | 109.4  | 109.9  | 107.9  | 106.4  | 104.5  | 99.6   | 93.1   |
| 67.5° | 82.8   | 82.8   | 82.8   | 82.8   | 82.2   | 81.8   | 81.3   | 79.9   | 76.4   | 74.4   | 67.5   |
| 70°   | 63.6   | 60.6   | 60.6   | 60.6   | 60.6   | 61.1   | 59.6   | 57.7   | 56.7   | 53.2   | 48.3   |
| 72.5° | 42.4   | 43.3   | 42.4   | 42.4   | 41.4   | 41.8   | 39.9   | 38.9   | 37.9   | 36.0   | 33.1   |
| 75°   | 30.6   | 28.1   | 29.0   | 29.6   | 28.1   | 29.0   | 27.1   | 25.1   | 25.1   | 23.6   | 22.2   |
| 77.5° | 19.7   | 19.2   | 19.7   | 20.2   | 19.7   | 19.2   | 18.2   | 17.2   | 17.2   | 16.8   | 15.3   |
| 80°   | 14.3   | 13.8   | 13.8   | 13.8   | 13.3   | 13.8   | 12.8   | 12.8   | 11.8   | 11.4   | 10.4   |
| 82.5° | 9.3    | 9.3    | 8.9    | 9.3    | 8.9    | 9.3    | 7.9    | 7.9    | 7.9    | 7.4    | 6.4    |
| 85°   | 6.4    | 5.4    | 5.4    | 6.0    | 5.0    | 6.0    | 5.4    | 5.0    | 4.4    | 4.4    | 3.9    |
| 87.5° | 2.9    | 3.5    | 2.9    | 3.5    | 2.9    | 2.9    | 3.5    | 2.9    | 2.9    | 1.9    | 1.9    |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 1004.3 | 1004.7 | 1004.7 | 1006.8 | 1007.7 | 1008.1 | 1008.1 | 1012.2 | 1010.6 | 1011.6 | 1012.6 |
| 5°    | 990.0  | 992.9  | 993.9  | 993.9  | 999.3  | 1001.2 | 1003.3 | 1007.7 | 1008.1 | 1011.2 | 1014.5 |
| 7.5°  | 976.2  | 979.5  | 981.6  | 986.0  | 989.4  | 992.9  | 998.8  | 1001.8 | 1004.7 | 1008.7 | 1013.1 |
| 10°   | 962.9  | 966.8  | 970.8  | 974.1  | 979.5  | 984.0  | 988.0  | 994.8  | 998.3  | 1003.7 | 1009.7 |
| 12.5° | 950.1  | 955.5  | 959.0  | 964.8  | 970.8  | 974.7  | 980.6  | 987.0  | 992.4  | 997.9  | 1004.7 |
| 15°   | 938.7  | 945.1  | 949.0  | 955.5  | 961.9  | 967.3  | 973.7  | 981.6  | 985.5  | 991.9  | 998.3  |
| 17.5° | 926.3  | 933.3  | 938.2  | 944.1  | 952.0  | 957.9  | 963.3  | 971.2  | 976.2  | 983.0  | 990.4  |
| 20°   | 913.6  | 920.5  | 926.3  | 932.3  | 940.2  | 946.1  | 952.5  | 960.4  | 965.8  | 972.7  | 978.6  |
| 22.5° | 898.3  | 904.7  | 911.1  | 918.0  | 925.9  | 930.8  | 938.2  | 945.1  | 951.0  | 957.4  | 963.3  |
| 25°   | 878.6  | 886.5  | 891.4  | 897.8  | 904.2  | 909.6  | 917.6  | 924.4  | 929.4  | 935.2  | 940.7  |
| 27.5° | 855.4  | 861.3  | 865.2  | 870.8  | 877.0  | 882.0  | 888.0  | 894.8  | 899.8  | 905.2  | 909.1  |
| 30°   | 816.0  | 821.5  | 824.8  | 828.8  | 835.2  | 839.7  | 844.5  | 851.0  | 854.4  | 858.4  | 861.9  |
| 32.5° | 764.2  | 768.7  | 770.6  | 773.7  | 778.1  | 782.4  | 786.5  | 791.9  | 793.4  | 795.8  | 795.8  |
| 35°   | 689.4  | 690.3  | 689.8  | 690.9  | 692.8  | 695.2  | 698.7  | 702.2  | 704.1  | 704.1  | 702.7  |
| 37.5° | 601.6  | 595.8  | 589.4  | 584.4  | 583.0  | 582.0  | 583.9  | 585.3  | 587.4  | 588.4  | 585.9  |
| 40°   | 510.5  | 497.2  | 482.8  | 470.0  | 461.2  | 457.3  | 455.8  | 456.8  | 456.8  | 460.2  | 460.2  |
| 42.5° | 432.1  | 411.4  | 390.3  | 371.0  | 358.2  | 348.4  | 343.9  | 343.9  | 344.5  | 347.0  | 348.4  |
| 45°   | 367.1  | 341.0  | 316.3  | 295.2  | 277.4  | 264.6  | 258.8  | 257.2  | 256.7  | 257.7  | 261.1  |
| 47.5° | 317.4  | 290.2  | 264.6  | 238.5  | 219.8  | 207.0  | 201.6  | 199.6  | 197.5  | 199.6  | 200.0  |
| 50°   | 278.4  | 250.3  | 223.2  | 197.1  | 177.4  | 166.0  | 159.2  | 156.2  | 155.7  | 155.7  | 156.7  |
| 52.5° | 242.9  | 216.8  | 189.7  | 163.1  | 142.4  | 131.6  | 125.2  | 123.6  | 121.7  | 123.6  | 123.6  |
| 55°   | 209.4  | 183.3  | 156.7  | 131.6  | 114.3  | 102.9  | 97.1   | 95.1   | 94.2   | 95.6   | 95.6   |
| 57.5° | 172.9  | 150.8  | 126.1  | 103.5  | 86.3   | 78.3   | 73.9   | 71.4   | 71.0   | 71.9   | 71.0   |
| 60°   | 141.9  | 123.2  | 102.0  | 81.3   | 68.1   | 59.6   | 56.1   | 55.2   | 54.2   | 55.2   | 55.2   |
| 62.5° | 112.4  | 96.6   | 79.3   | 63.6   | 52.2   | 46.4   | 42.4   | 42.4   | 41.8   | 41.8   | 42.4   |
| 65°   | 83.2   | 71.0   | 58.6   | 45.3   | 36.4   | 32.1   | 29.0   | 29.0   | 28.6   | 29.0   | 28.6   |
| 67.5° | 60.6   | 52.2   | 42.4   | 33.1   | 26.1   | 23.6   | 21.7   | 20.2   | 21.2   | 20.2   | 19.7   |
| 70°   | 44.3   | 37.5   | 30.6   | 25.1   | 20.2   | 17.8   | 16.3   | 15.8   | 14.7   | 14.7   | 14.7   |
| 72.5° | 29.6   | 25.1   | 20.7   | 16.3   | 13.3   | 10.8   | 10.4   | 9.3    | 8.3    | 8.9    | 9.9    |
| 75°   | 19.7   | 16.8   | 14.7   | 11.8   | 8.9    | 8.9    | 6.0    | 6.0    | 5.0    | 6.0    | 4.4    |
| 77.5° | 13.8   | 11.4   | 8.9    | 7.4    | 6.0    | 5.4    | 3.9    | 3.9    | 3.5    | 3.5    | 3.5    |
| 80°   | 9.9    | 8.3    | 6.4    | 5.4    | 3.9    | 3.9    | 3.5    | 2.9    | 2.5    | 2.5    | 2.9    |
| 82.5° | 6.0    | 4.4    | 4.4    | 3.9    | 2.5    | 1.9    | 1.5    | 1.9    | 1.0    | 1.0    | 1.0    |
| 85°   | 3.5    | 2.9    | 2.5    | 1.5    | 1.0    | 1.0    | 0.4    | 0.0    | 0.4    | 0.4    | 0.0    |
| 87.5° | 1.9    | 1.0    | 1.0    | 0.4    | 0.0    | 0.4    | 0.4    | 0.0    | 0.0    | 0.0    | 1.0    |
| 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 1015.1 | 1014.5 | 1015.5 | 1015.5 | 1018.6 | 1018.0 | 1019.5 | 1019.5 | 1018.6 | 1019.0 | 1020.9 |
| 5°    | 1018.6 | 1020.0 | 1023.0 | 1025.4 | 1029.8 | 1031.9 | 1034.3 | 1036.8 | 1037.2 | 1038.7 | 1040.2 |
| 7.5°  | 1018.6 | 1023.4 | 1026.9 | 1031.3 | 1037.2 | 1040.7 | 1046.1 | 1050.5 | 1052.6 | 1055.0 | 1058.0 |
| 10°   | 1016.6 | 1021.5 | 1027.9 | 1032.9 | 1040.2 | 1045.6 | 1051.1 | 1058.0 | 1060.9 | 1064.8 | 1068.8 |
| 12.5° | 1012.6 | 1018.0 | 1024.9 | 1031.3 | 1039.7 | 1044.7 | 1051.5 | 1058.0 | 1062.3 | 1067.9 | 1072.2 |
| 15°   | 1006.8 | 1013.1 | 1019.5 | 1025.9 | 1034.8 | 1040.7 | 1047.1 | 1054.5 | 1059.0 | 1064.8 | 1068.8 |
| 17.5° | 997.3  | 1004.3 | 1010.1 | 1016.1 | 1024.4 | 1031.3 | 1037.2 | 1044.1 | 1048.6 | 1053.6 | 1059.0 |
| 20°   | 986.0  | 992.4  | 998.8  | 1003.7 | 1012.2 | 1018.0 | 1024.4 | 1030.8 | 1034.3 | 1035.3 | 1043.7 |
| 22.5° | 971.8  | 976.2  | 981.1  | 989.0  | 993.9  | 999.3  | 1005.2 | 1011.2 | 1014.5 | 1020.0 | 1023.0 |
| 25°   | 948.0  | 952.5  | 957.9  | 961.3  | 967.3  | 971.8  | 977.6  | 984.0  | 986.0  | 990.0  | 992.9  |
| 27.5° | 915.1  | 917.6  | 920.0  | 923.0  | 926.3  | 928.8  | 932.3  | 935.2  | 937.2  | 939.2  | 941.2  |
| 30°   | 862.8  | 862.8  | 862.8  | 860.8  | 862.3  | 863.8  | 864.3  | 863.8  | 863.8  | 863.3  | 863.3  |
| 32.5° | 793.8  | 789.9  | 785.5  | 781.5  | 780.1  | 778.1  | 777.0  | 775.6  | 773.1  | 771.6  | 772.2  |
| 35°   | 700.6  | 691.9  | 686.4  | 681.5  | 677.6  | 674.6  | 673.1  | 671.6  | 671.2  | 669.2  | 667.2  |
| 37.5° | 584.4  | 578.0  | 574.1  | 571.2  | 567.7  | 564.8  | 565.2  | 565.6  | 567.1  | 566.2  | 566.7  |
| 40°   | 461.2  | 459.8  | 461.2  | 457.8  | 456.8  | 457.8  | 460.2  | 463.7  | 465.6  | 467.7  | 471.0  |
| 42.5° | 350.9  | 353.2  | 356.7  | 356.7  | 358.2  | 360.2  | 363.2  | 368.6  | 371.5  | 375.0  | 378.9  |
| 45°   | 264.2  | 267.1  | 271.5  | 272.9  | 273.9  | 276.4  | 279.9  | 284.3  | 286.3  | 289.2  | 292.7  |
| 47.5° | 203.5  | 205.4  | 207.9  | 210.4  | 212.8  | 213.9  | 217.4  | 217.4  | 219.8  | 221.7  | 222.8  |
| 50°   | 158.6  | 160.6  | 162.6  | 164.1  | 165.0  | 166.6  | 167.5  | 169.0  | 169.5  | 170.4  | 171.0  |
| 52.5° | 124.2  | 126.7  | 126.7  | 127.6  | 129.2  | 130.6  | 130.0  | 130.6  | 131.1  | 131.1  | 132.5  |
| 55°   | 97.1   | 97.1   | 98.6   | 98.6   | 99.6   | 99.0   | 99.6   | 99.6   | 99.6   | 99.6   | 100.0  |
| 57.5° | 72.4   | 72.9   | 74.4   | 73.5   | 72.9   | 73.9   | 72.9   | 73.9   | 73.5   | 74.4   | 72.9   |
| 60°   | 55.7   | 55.7   | 56.1   | 56.1   | 56.7   | 56.7   | 56.7   | 56.1   | 56.1   | 55.7   | 55.7   |
| 62.5° | 41.8   | 42.4   | 42.9   | 42.4   | 42.4   | 42.4   | 41.8   | 41.8   | 41.4   | 40.8   | 40.8   |
| 65°   | 28.1   | 27.6   | 28.6   | 27.6   | 28.1   | 28.1   | 27.6   | 28.1   | 26.7   | 27.1   | 26.7   |
| 67.5° | 20.2   | 19.7   | 19.2   | 19.7   | 19.2   | 18.7   | 18.7   | 19.2   | 19.7   | 18.2   | 18.2   |
| 70°   | 13.3   | 13.8   | 13.3   | 13.8   | 14.3   | 14.3   | 13.8   | 13.3   | 13.8   | 12.8   | 13.3   |
| 72.5° | 8.3    | 8.3    | 8.3    | 8.3    | 8.3    | 8.9    | 8.9    | 8.9    | 7.9    | 7.9    | 7.4    |
| 75°   | 3.9    | 5.4    | 4.4    | 3.9    | 5.4    | 5.4    | 5.0    | 5.0    | 4.4    | 4.4    | 4.4    |
| 77.5° | 3.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.5    | 2.9    | 2.5    |
| 80°   | 1.9    | 1.9    | 1.9    | 1.5    | 1.9    | 1.9    | 2.5    | 1.9    | 1.9    | 1.5    | 2.5    |
| 82.5° | 1.0    | 1.0    | 1.0    | 0.0    | 0.4    | 1.0    | 1.0    | 0.4    | 1.0    | 1.0    | 0.4    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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: P246020

CATALOG NUMBER: LD8B20D010 ER8B20927 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 1020.5 | 1020.0 | 1020.5 | 1020.9 | 1020.5 | 1020.0 | 1020.5 | 1020.9 | 1019.0 | 1018.6 | 1019.5 |
| 5°    | 1042.2 | 1042.2 | 1043.1 | 1043.7 | 1043.1 | 1042.2 | 1042.2 | 1040.2 | 1038.7 | 1037.2 | 1036.8 |
| 7.5°  | 1060.9 | 1061.9 | 1062.9 | 1063.4 | 1062.9 | 1061.9 | 1060.9 | 1058.0 | 1055.0 | 1052.6 | 1050.5 |
| 10°   | 1072.2 | 1073.7 | 1075.7 | 1076.6 | 1075.7 | 1073.7 | 1072.2 | 1068.8 | 1064.8 | 1060.9 | 1058.0 |
| 12.5° | 1077.2 | 1078.6 | 1081.1 | 1080.6 | 1081.1 | 1078.6 | 1077.2 | 1072.2 | 1067.9 | 1062.3 | 1058.0 |
| 15°   | 1073.7 | 1075.7 | 1078.1 | 1079.1 | 1078.1 | 1075.7 | 1073.7 | 1068.8 | 1064.8 | 1059.0 | 1054.5 |
| 17.5° | 1062.9 | 1065.8 | 1067.3 | 1068.8 | 1067.3 | 1065.8 | 1062.9 | 1059.0 | 1053.6 | 1048.6 | 1044.1 |
| 20°   | 1048.0 | 1050.1 | 1052.0 | 1052.6 | 1052.0 | 1050.1 | 1048.0 | 1043.7 | 1035.3 | 1034.3 | 1030.8 |
| 22.5° | 1026.9 | 1028.4 | 1032.9 | 1031.3 | 1032.9 | 1028.4 | 1026.9 | 1023.0 | 1020.0 | 1014.5 | 1011.2 |
| 25°   | 996.3  | 997.9  | 998.3  | 998.8  | 998.3  | 997.9  | 996.3  | 992.9  | 990.0  | 986.0  | 984.0  |
| 27.5° | 943.6  | 943.6  | 944.6  | 945.1  | 944.6  | 943.6  | 943.6  | 941.2  | 939.2  | 937.2  | 935.2  |
| 30°   | 863.8  | 863.8  | 863.8  | 866.2  | 863.8  | 863.8  | 863.8  | 863.3  | 863.3  | 863.8  | 863.8  |
| 32.5° | 771.6  | 770.6  | 769.7  | 770.6  | 769.7  | 770.6  | 771.6  | 772.2  | 771.6  | 773.1  | 775.6  |
| 35°   | 667.2  | 666.7  | 668.1  | 666.2  | 668.1  | 666.7  | 667.2  | 667.2  | 669.2  | 671.2  | 671.6  |
| 37.5° | 567.1  | 566.2  | 568.1  | 566.2  | 568.1  | 566.2  | 567.1  | 566.7  | 566.2  | 567.1  | 565.6  |
| 40°   | 472.0  | 473.1  | 473.1  | 477.0  | 473.1  | 473.1  | 472.0  | 471.0  | 467.7  | 465.6  | 463.7  |
| 42.5° | 380.9  | 383.8  | 382.8  | 385.9  | 382.8  | 383.8  | 380.9  | 378.9  | 375.0  | 371.5  | 368.6  |
| 45°   | 294.6  | 296.7  | 296.7  | 297.7  | 296.7  | 296.7  | 294.6  | 292.7  | 289.2  | 286.3  | 284.3  |
| 47.5° | 226.1  | 226.1  | 226.1  | 226.7  | 226.1  | 226.1  | 226.1  | 222.8  | 221.7  | 219.8  | 217.4  |
| 50°   | 172.0  | 172.5  | 172.9  | 173.5  | 172.9  | 172.5  | 172.0  | 171.0  | 170.4  | 169.5  | 169.0  |
| 52.5° | 132.1  | 132.5  | 131.6  | 132.5  | 131.6  | 132.5  | 132.1  | 132.5  | 131.1  | 131.1  | 130.6  |
| 55°   | 100.0  | 99.6   | 100.0  | 100.5  | 100.0  | 99.6   | 100.0  | 100.0  | 99.6   | 99.6   | 99.6   |
| 57.5° | 73.5   | 72.4   | 72.4   | 72.4   | 72.4   | 72.4   | 73.5   | 72.9   | 74.4   | 73.5   | 73.9   |
| 60°   | 54.7   | 55.2   | 55.2   | 55.7   | 55.2   | 55.2   | 54.7   | 55.7   | 55.7   | 56.1   | 56.1   |
| 62.5° | 40.4   | 41.8   | 40.8   | 41.8   | 40.8   | 41.8   | 40.4   | 40.8   | 40.8   | 41.4   | 41.8   |
| 65°   | 26.1   | 26.1   | 26.1   | 26.7   | 26.1   | 26.1   | 26.1   | 26.7   | 27.1   | 26.7   | 28.1   |
| 67.5° | 17.8   | 18.2   | 19.2   | 18.7   | 19.2   | 18.2   | 17.8   | 18.2   | 18.2   | 19.7   | 19.2   |
| 70°   | 14.3   | 12.8   | 12.8   | 14.3   | 12.8   | 12.8   | 14.3   | 13.3   | 12.8   | 13.8   | 13.3   |
| 72.5° | 8.3    | 7.4    | 8.3    | 8.3    | 8.3    | 7.4    | 8.3    | 7.4    | 7.9    | 7.9    | 8.9    |
| 75°   | 4.4    | 3.9    | 3.5    | 5.0    | 3.5    | 3.9    | 4.4    | 4.4    | 4.4    | 4.4    | 5.0    |
| 77.5° | 2.9    | 2.5    | 3.5    | 3.5    | 3.5    | 2.5    | 2.9    | 2.5    | 2.9    | 2.5    | 2.9    |
| 80°   | 1.5    | 1.9    | 1.5    | 2.5    | 1.5    | 1.9    | 1.5    | 2.5    | 1.5    | 1.9    | 1.9    |
| 82.5° | 0.4    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 0.4    | 0.4    | 1.0    | 1.0    | 0.4    |
| 85°   | 0.0    | 1.0    | 0.4    | 0.4    | 0.4    | 1.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.4    | 0.0    | 0.0    | 0.4    | 0.0    | 0.0    | 0.4    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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: P246020

CATALOG NUMBER: LD8B20D010 ER8B20927 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 1019.5 | 1018.0 | 1018.6 | 1015.5 | 1015.5 | 1014.5 | 1015.1 | 1012.6 | 1011.6 | 1010.6 | 1012.2 |
| 5°    | 1034.3 | 1031.9 | 1029.8 | 1025.4 | 1023.0 | 1020.0 | 1018.6 | 1014.5 | 1011.2 | 1008.1 | 1007.7 |
| 7.5°  | 1046.1 | 1040.7 | 1037.2 | 1031.3 | 1026.9 | 1023.4 | 1018.6 | 1013.1 | 1008.7 | 1004.7 | 1001.8 |
| 10°   | 1051.1 | 1045.6 | 1040.2 | 1032.9 | 1027.9 | 1021.5 | 1016.6 | 1009.7 | 1003.7 | 998.3  | 994.8  |
| 12.5° | 1051.5 | 1044.7 | 1039.7 | 1031.3 | 1024.9 | 1018.0 | 1012.6 | 1004.7 | 997.9  | 992.4  | 987.0  |
| 15°   | 1047.1 | 1040.7 | 1034.8 | 1025.9 | 1019.5 | 1013.1 | 1006.8 | 998.3  | 991.9  | 985.5  | 981.6  |
| 17.5° | 1037.2 | 1031.3 | 1024.4 | 1016.1 | 1010.1 | 1004.3 | 997.3  | 990.4  | 983.0  | 976.2  | 971.2  |
| 20°   | 1024.4 | 1018.0 | 1012.2 | 1003.7 | 998.8  | 992.4  | 986.0  | 978.6  | 972.7  | 965.8  | 960.4  |
| 22.5° | 1005.2 | 999.3  | 993.9  | 989.0  | 981.1  | 976.2  | 971.8  | 963.3  | 957.4  | 951.0  | 945.1  |
| 25°   | 977.6  | 971.8  | 967.3  | 961.3  | 957.9  | 952.5  | 948.0  | 940.7  | 935.2  | 929.4  | 924.4  |
| 27.5° | 932.3  | 928.8  | 926.3  | 923.0  | 920.0  | 917.6  | 915.1  | 909.1  | 905.2  | 899.8  | 894.8  |
| 30°   | 864.3  | 863.8  | 862.3  | 860.8  | 862.8  | 862.8  | 862.8  | 861.9  | 858.4  | 854.4  | 851.0  |
| 32.5° | 777.0  | 778.1  | 780.1  | 781.5  | 785.5  | 789.9  | 793.8  | 795.8  | 795.8  | 793.4  | 791.9  |
| 35°   | 673.1  | 674.6  | 677.6  | 681.5  | 686.4  | 691.9  | 700.6  | 702.7  | 704.1  | 704.1  | 702.2  |
| 37.5° | 565.2  | 564.8  | 567.7  | 571.2  | 574.1  | 578.0  | 584.4  | 585.9  | 588.4  | 587.4  | 585.3  |
| 40°   | 460.2  | 457.8  | 456.8  | 457.8  | 461.2  | 459.8  | 461.2  | 460.2  | 460.2  | 456.8  | 456.8  |
| 42.5° | 363.2  | 360.2  | 358.2  | 356.7  | 356.7  | 353.2  | 350.9  | 348.4  | 347.0  | 344.5  | 343.9  |
| 45°   | 279.9  | 276.4  | 273.9  | 272.9  | 271.5  | 267.1  | 264.2  | 261.1  | 257.7  | 256.7  | 257.2  |
| 47.5° | 217.4  | 213.9  | 212.8  | 210.4  | 207.9  | 205.4  | 203.5  | 200.0  | 199.6  | 197.5  | 199.6  |
| 50°   | 167.5  | 166.6  | 165.0  | 164.1  | 162.6  | 160.6  | 158.6  | 156.7  | 155.7  | 155.7  | 156.2  |
| 52.5° | 130.0  | 130.6  | 129.2  | 127.6  | 126.7  | 126.7  | 124.2  | 123.6  | 123.6  | 121.7  | 123.6  |
| 55°   | 99.6   | 99.0   | 99.6   | 98.6   | 98.6   | 97.1   | 97.1   | 95.6   | 95.6   | 94.2   | 95.1   |
| 57.5° | 72.9   | 73.9   | 72.9   | 73.5   | 74.4   | 72.9   | 72.4   | 71.0   | 71.9   | 71.0   | 71.4   |
| 60°   | 56.7   | 56.7   | 56.7   | 56.1   | 56.1   | 55.7   | 55.7   | 55.2   | 55.2   | 54.2   | 55.2   |
| 62.5° | 41.8   | 42.4   | 42.4   | 42.4   | 42.9   | 42.4   | 41.8   | 42.4   | 41.8   | 41.8   | 42.4   |
| 65°   | 27.6   | 28.1   | 28.1   | 27.6   | 28.6   | 27.6   | 28.1   | 28.6   | 29.0   | 28.6   | 29.0   |
| 67.5° | 18.7   | 18.7   | 19.2   | 19.7   | 19.2   | 19.7   | 20.2   | 19.7   | 20.2   | 21.2   | 20.2   |
| 70°   | 13.8   | 14.3   | 14.3   | 13.8   | 13.3   | 13.8   | 13.3   | 14.7   | 14.7   | 14.7   | 15.8   |
| 72.5° | 8.9    | 8.9    | 8.3    | 8.3    | 8.3    | 8.3    | 8.3    | 9.9    | 8.9    | 8.3    | 9.3    |
| 75°   | 5.0    | 5.4    | 5.4    | 3.9    | 4.4    | 5.4    | 3.9    | 4.4    | 6.0    | 5.0    | 6.0    |
| 77.5° | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 3.9    | 3.5    | 3.5    | 3.5    | 3.9    |
| 80°   | 2.5    | 1.9    | 1.9    | 1.5    | 1.9    | 1.9    | 1.9    | 2.9    | 2.5    | 2.5    | 2.9    |
| 82.5° | 1.0    | 1.0    | 0.4    | 0.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.9    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.4    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.0    | 0.0    | 0.0    | 0.0    |
| 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):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 1008.1 | 1008.1 | 1007.7 | 1006.8 | 1004.7 | 1004.7 | 1004.3 | 1002.7 | 1001.8 | 1001.2 | 1001.2 |
| 5°    | 1003.3 | 1001.2 | 999.3  | 993.9  | 993.9  | 992.9  | 990.0  | 988.0  | 987.0  | 984.5  | 983.6  |
| 7.5°  | 998.8  | 992.9  | 989.4  | 986.0  | 981.6  | 979.5  | 976.2  | 974.7  | 971.2  | 968.7  | 967.3  |
| 10°   | 988.0  | 984.0  | 979.5  | 974.1  | 970.8  | 966.8  | 962.9  | 959.8  | 955.5  | 953.0  | 951.0  |
| 12.5° | 980.6  | 974.7  | 970.8  | 964.8  | 959.0  | 955.5  | 950.1  | 946.6  | 942.2  | 937.2  | 934.3  |
| 15°   | 973.7  | 967.3  | 961.9  | 955.5  | 949.0  | 945.1  | 938.7  | 934.8  | 928.4  | 923.4  | 920.0  |
| 17.5° | 963.3  | 957.9  | 952.0  | 944.1  | 938.2  | 933.3  | 926.3  | 921.5  | 915.5  | 909.1  | 905.7  |
| 20°   | 952.5  | 946.1  | 940.2  | 932.3  | 926.3  | 920.5  | 913.6  | 908.2  | 901.2  | 895.4  | 891.4  |
| 22.5° | 938.2  | 930.8  | 925.9  | 918.0  | 911.1  | 904.7  | 898.3  | 891.9  | 885.5  | 880.5  | 876.2  |
| 25°   | 917.6  | 909.6  | 904.2  | 897.8  | 891.4  | 886.5  | 878.6  | 874.7  | 868.3  | 863.8  | 859.4  |
| 27.5° | 888.0  | 882.0  | 877.0  | 870.8  | 865.2  | 861.3  | 855.4  | 851.5  | 846.0  | 842.1  | 838.7  |
| 30°   | 844.5  | 839.7  | 835.2  | 828.8  | 824.8  | 821.5  | 816.0  | 812.6  | 808.6  | 804.2  | 803.2  |
| 32.5° | 786.5  | 782.4  | 778.1  | 773.7  | 770.6  | 768.7  | 764.2  | 762.3  | 758.4  | 755.9  | 753.4  |
| 35°   | 698.7  | 695.2  | 692.8  | 690.9  | 689.8  | 690.3  | 689.4  | 691.3  | 692.3  | 691.9  | 692.3  |
| 37.5° | 583.9  | 582.0  | 583.0  | 584.4  | 589.4  | 595.8  | 601.6  | 610.5  | 616.4  | 622.4  | 627.8  |
| 40°   | 455.8  | 457.3  | 461.2  | 470.0  | 482.8  | 497.2  | 510.5  | 527.3  | 544.1  | 555.9  | 566.7  |
| 42.5° | 343.9  | 348.4  | 358.2  | 371.0  | 390.3  | 411.4  | 432.1  | 456.8  | 477.0  | 496.7  | 510.5  |
| 45°   | 258.8  | 264.6  | 277.4  | 295.2  | 316.3  | 341.0  | 367.1  | 394.7  | 418.8  | 439.1  | 454.3  |
| 47.5° | 201.6  | 207.0  | 219.8  | 238.5  | 264.6  | 290.2  | 317.4  | 345.9  | 371.0  | 390.7  | 404.1  |
| 50°   | 159.2  | 166.0  | 177.4  | 197.1  | 223.2  | 250.3  | 278.4  | 306.4  | 330.2  | 347.0  | 358.8  |
| 52.5° | 125.2  | 131.6  | 142.4  | 163.1  | 189.7  | 216.8  | 242.9  | 270.6  | 291.3  | 307.5  | 315.3  |
| 55°   | 97.1   | 102.9  | 114.3  | 131.6  | 156.7  | 183.3  | 209.4  | 233.1  | 252.3  | 264.2  | 271.5  |
| 57.5° | 73.9   | 78.3   | 86.3   | 103.5  | 126.1  | 150.8  | 172.9  | 196.6  | 211.4  | 219.8  | 224.7  |
| 60°   | 56.1   | 59.6   | 68.1   | 81.3   | 102.0  | 123.2  | 141.9  | 159.6  | 171.5  | 178.4  | 183.3  |
| 62.5° | 42.4   | 46.4   | 52.2   | 63.6   | 79.3   | 96.6   | 112.4  | 125.7  | 135.5  | 140.0  | 143.4  |
| 65°   | 29.0   | 32.1   | 36.4   | 45.3   | 58.6   | 71.0   | 83.2   | 93.1   | 99.6   | 104.5  | 106.4  |
| 67.5° | 21.7   | 23.6   | 26.1   | 33.1   | 42.4   | 52.2   | 60.6   | 67.5   | 74.4   | 76.4   | 79.9   |
| 70°   | 16.3   | 17.8   | 20.2   | 25.1   | 30.6   | 37.5   | 44.3   | 48.3   | 53.2   | 56.7   | 57.7   |
| 72.5° | 10.4   | 10.8   | 13.3   | 16.3   | 20.7   | 25.1   | 29.6   | 33.1   | 36.0   | 37.9   | 38.9   |
| 75°   | 6.0    | 8.9    | 8.9    | 11.8   | 14.7   | 16.8   | 19.7   | 22.2   | 23.6   | 25.1   | 25.1   |
| 77.5° | 3.9    | 5.4    | 6.0    | 7.4    | 8.9    | 11.4   | 13.8   | 15.3   | 16.8   | 17.2   | 17.2   |
| 80°   | 3.5    | 3.9    | 3.9    | 5.4    | 6.4    | 8.3    | 9.9    | 10.4   | 11.4   | 11.8   | 12.8   |
| 82.5° | 1.5    | 1.9    | 2.5    | 3.9    | 4.4    | 4.4    | 6.0    | 6.4    | 7.4    | 7.9    | 7.9    |
| 85°   | 0.4    | 1.0    | 1.0    | 1.5    | 2.5    | 2.9    | 3.5    | 3.9    | 4.4    | 4.4    | 5.0    |
| 87.5° | 0.4    | 0.4    | 0.0    | 0.4    | 1.0    | 1.0    | 1.9    | 1.9    | 1.9    | 2.9    | 2.9    |
| 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: P246020

CATALOG NUMBER: LD8B20D010 ER8B20927 8LBSW0MW

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 | 1009.1 |
| 2.5°  | 1000.4 | 1000.8 | 998.8  | 998.3  | 997.3  | 997.9  | 998.8  |
| 5°    | 982.0  | 982.6  | 980.6  | 978.6  | 978.6  | 978.1  | 978.6  |
| 7.5°  | 964.8  | 965.4  | 962.3  | 961.3  | 959.4  | 959.8  | 959.8  |
| 10°   | 947.6  | 947.6  | 943.1  | 942.6  | 941.2  | 940.7  | 940.7  |
| 12.5° | 930.8  | 929.4  | 925.9  | 924.0  | 924.9  | 921.9  | 921.9  |
| 15°   | 916.0  | 913.6  | 909.1  | 907.6  | 905.2  | 904.2  | 904.2  |
| 17.5° | 900.8  | 898.8  | 894.8  | 891.9  | 889.0  | 888.4  | 889.0  |
| 20°   | 885.9  | 884.0  | 879.1  | 877.0  | 874.7  | 874.7  | 873.7  |
| 22.5° | 871.2  | 869.2  | 864.8  | 863.3  | 859.8  | 859.8  | 860.4  |
| 25°   | 855.9  | 854.4  | 849.5  | 848.5  | 848.0  | 846.0  | 847.0  |
| 27.5° | 835.2  | 834.2  | 830.2  | 828.8  | 826.9  | 826.3  | 827.3  |
| 30°   | 797.3  | 795.8  | 792.9  | 791.3  | 787.9  | 788.4  | 789.4  |
| 32.5° | 749.9  | 748.0  | 744.1  | 742.6  | 739.7  | 738.7  | 739.1  |
| 35°   | 690.9  | 689.4  | 685.9  | 685.9  | 683.0  | 682.0  | 683.0  |
| 37.5° | 630.8  | 632.2  | 630.8  | 632.2  | 630.8  | 630.2  | 630.8  |
| 40°   | 574.1  | 579.5  | 580.5  | 585.9  | 583.9  | 586.9  | 586.4  |
| 42.5° | 519.9  | 528.8  | 532.2  | 536.6  | 535.6  | 537.6  | 539.1  |
| 45°   | 465.2  | 472.5  | 476.0  | 478.9  | 479.5  | 480.5  | 480.9  |
| 47.5° | 413.4  | 419.3  | 419.8  | 423.2  | 422.8  | 422.8  | 424.2  |
| 50°   | 365.2  | 369.1  | 370.0  | 372.5  | 370.6  | 369.6  | 370.0  |
| 52.5° | 320.3  | 324.2  | 323.2  | 324.2  | 321.8  | 320.7  | 321.3  |
| 55°   | 274.5  | 276.4  | 276.4  | 276.4  | 273.5  | 273.5  | 273.5  |
| 57.5° | 227.7  | 228.2  | 227.1  | 227.7  | 227.1  | 224.2  | 223.8  |
| 60°   | 184.8  | 184.8  | 184.3  | 184.8  | 183.3  | 181.8  | 181.8  |
| 62.5° | 144.3  | 145.4  | 147.4  | 145.4  | 144.3  | 145.4  | 143.9  |
| 65°   | 107.9  | 109.9  | 109.4  | 110.4  | 109.9  | 109.9  | 108.9  |
| 67.5° | 81.3   | 81.8   | 82.2   | 82.8   | 82.8   | 82.8   | 82.8   |
| 70°   | 59.6   | 61.1   | 60.6   | 60.6   | 60.6   | 60.6   | 63.6   |
| 72.5° | 39.9   | 41.8   | 41.4   | 42.4   | 42.4   | 43.3   | 42.4   |
| 75°   | 27.1   | 29.0   | 28.1   | 29.6   | 29.0   | 28.1   | 30.6   |
| 77.5° | 18.2   | 19.2   | 19.7   | 20.2   | 19.7   | 19.2   | 19.7   |
| 80°   | 12.8   | 13.8   | 13.3   | 13.8   | 13.8   | 13.8   | 14.3   |
| 82.5° | 7.9    | 9.3    | 8.9    | 9.3    | 8.9    | 9.3    | 9.3    |
| 85°   | 5.4    | 6.0    | 5.0    | 6.0    | 5.4    | 5.4    | 6.4    |
| 87.5° | 3.5    | 2.9    | 2.9    | 3.5    | 2.9    | 3.5    | 2.9    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)