

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: P248642

Luminaire Tested: **LSR8B70D010 EC8B709730 8LBSW0H**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248642  
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: LSR8B70D010 EC8B709730 8LBSW0H  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT- CYLINDEC  
97 CRI 3000 CCT WITH SEMI-SPECULAR CLEAR TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5547.0 lumens  
Efficiency: N/A  
Efficacy: 73.1 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

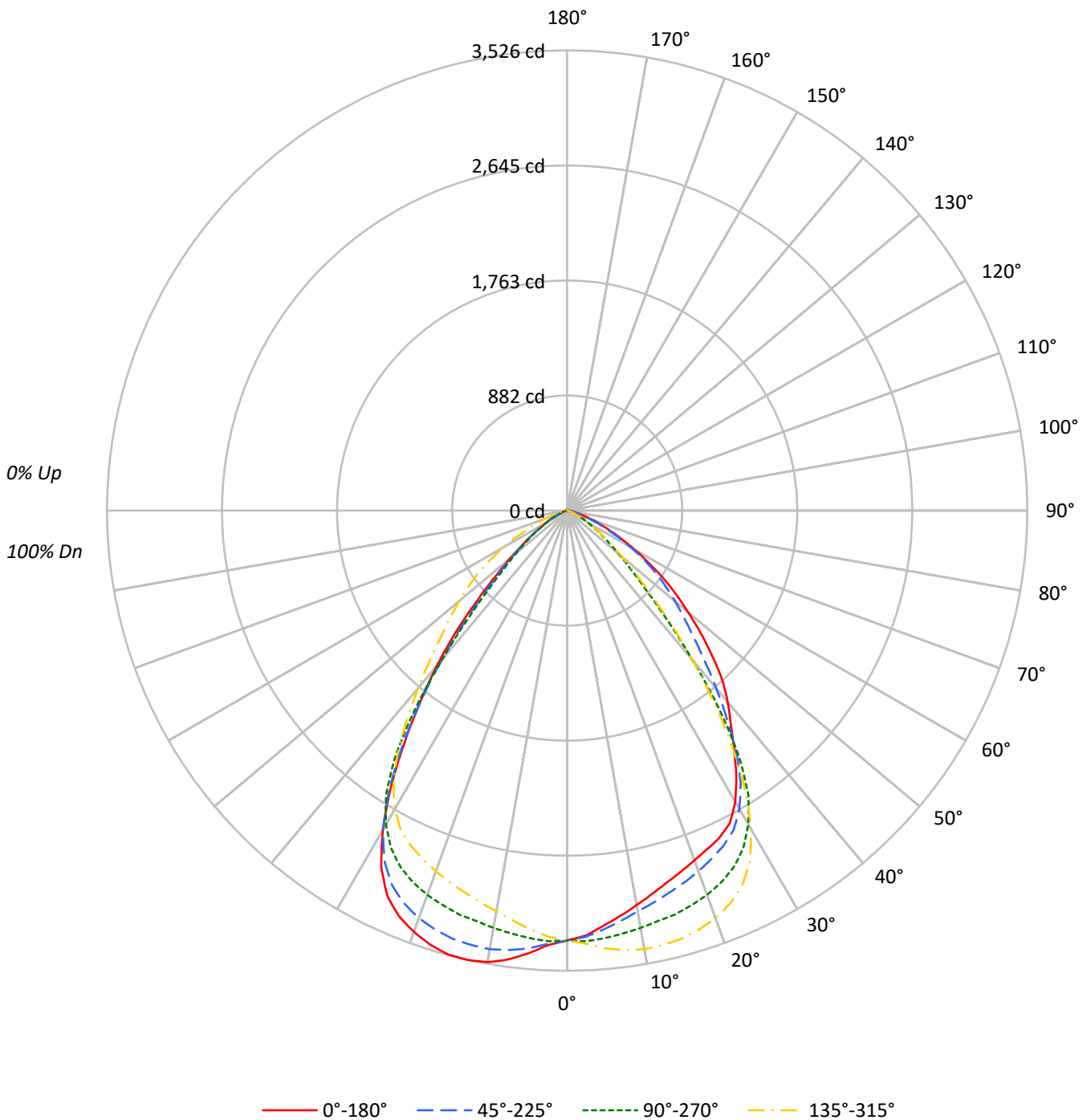
Input Watts (W): 75.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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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°    | 313.4  | 5.7       |
| 10°-20°   | 907.7  | 16.4      |
| 20°-30°   | 1374.4 | 24.8      |
| 30°-40°   | 1377.5 | 24.8      |
| 40°-50°   | 865.0  | 15.6      |
| 50°-60°   | 460.9  | 8.3       |
| 60°-70°   | 189.5  | 3.4       |
| 70°-80°   | 50.1   | 0.9       |
| 80°-90°   | 8.5    | 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°    | 2595.5 | 46.8      |
| 0°-40°    | 3973.0 | 71.6      |
| 0°-60°    | 5298.9 | 95.5      |
| 0°-90°    | 5547.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5547.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3293 | 3293 | 3293 | 3293 | 3293 |      |
| 5°  | 3193 | 3288 | 3406 | 3288 | 3193 | 301  |
| 15° | 2951 | 3203 | 3521 | 3203 | 2951 | 835  |
| 25° | 2764 | 3016 | 3259 | 3016 | 2764 | 1268 |
| 35° | 2229 | 2291 | 2174 | 2291 | 2229 | 1396 |
| 45° | 1569 | 839  | 971  | 839  | 1569 | 1207 |
| 55° | 892  | 310  | 328  | 310  | 892  | 796  |
| 65° | 355  | 95   | 87   | 95   | 355  | 369  |
| 75° | 100  | 19   | 16   | 19   | 100  | 113  |
| 85° | 21   | 0    | 2    | 0    | 21   | 23   |
| 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°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3259.3 | 3256.1 | 3254.5 | 3257.7 | 3259.3 | 3265.7 | 3264.2 | 3267.3 | 3267.3 | 3269.0 | 3272.2 |
| 5°    | 3193.4 | 3191.7 | 3193.4 | 3193.4 | 3199.8 | 3206.2 | 3204.7 | 3209.5 | 3212.7 | 3220.7 | 3223.9 |
| 7.5°  | 3132.3 | 3132.3 | 3130.7 | 3137.1 | 3140.3 | 3150.0 | 3148.3 | 3156.4 | 3161.2 | 3169.2 | 3180.5 |
| 10°   | 3069.6 | 3069.6 | 3071.2 | 3076.0 | 3077.6 | 3092.1 | 3092.1 | 3103.3 | 3109.7 | 3117.8 | 3132.3 |
| 12.5° | 3008.5 | 3008.5 | 3018.1 | 3014.9 | 3021.3 | 3032.6 | 3037.4 | 3048.7 | 3058.3 | 3074.4 | 3088.9 |
| 15°   | 2950.6 | 2950.6 | 2953.8 | 2961.8 | 2966.7 | 2981.2 | 2989.2 | 3002.1 | 3013.3 | 3029.4 | 3050.3 |
| 17.5° | 2900.7 | 2899.1 | 2900.7 | 2910.4 | 2920.1 | 2932.9 | 2939.3 | 2955.4 | 2966.7 | 2987.6 | 3006.9 |
| 20°   | 2850.9 | 2854.1 | 2854.1 | 2862.2 | 2868.6 | 2884.7 | 2891.1 | 2908.8 | 2921.7 | 2940.9 | 2963.5 |
| 22.5° | 2807.5 | 2805.9 | 2805.9 | 2817.1 | 2822.0 | 2836.4 | 2842.8 | 2858.9 | 2873.4 | 2889.5 | 2910.4 |
| 25°   | 2764.1 | 2760.8 | 2767.3 | 2768.9 | 2772.1 | 2788.2 | 2793.0 | 2804.2 | 2818.7 | 2833.2 | 2854.1 |
| 27.5° | 2699.7 | 2696.6 | 2698.1 | 2704.6 | 2709.4 | 2722.2 | 2725.5 | 2736.7 | 2748.0 | 2760.8 | 2778.6 |
| 30°   | 2575.9 | 2572.7 | 2571.1 | 2582.4 | 2587.2 | 2596.8 | 2601.6 | 2621.0 | 2624.2 | 2638.6 | 2651.5 |
| 32.5° | 2411.9 | 2410.3 | 2413.6 | 2423.1 | 2428.0 | 2440.9 | 2447.3 | 2458.6 | 2466.6 | 2474.6 | 2487.5 |
| 35°   | 2228.6 | 2225.4 | 2228.6 | 2238.3 | 2238.3 | 2249.5 | 2254.4 | 2259.1 | 2257.6 | 2259.1 | 2256.0 |
| 37.5° | 2058.2 | 2056.6 | 2058.2 | 2063.0 | 2058.2 | 2063.0 | 2058.2 | 2048.5 | 2030.9 | 2011.5 | 1992.2 |
| 40°   | 1913.5 | 1915.0 | 1905.5 | 1911.9 | 1894.1 | 1891.0 | 1873.3 | 1849.1 | 1813.8 | 1775.2 | 1720.5 |
| 42.5° | 1759.1 | 1754.3 | 1747.9 | 1751.0 | 1736.6 | 1725.3 | 1696.4 | 1665.9 | 1620.8 | 1556.5 | 1490.5 |
| 45°   | 1569.4 | 1567.8 | 1564.5 | 1562.9 | 1553.3 | 1542.0 | 1517.9 | 1482.5 | 1432.7 | 1366.8 | 1288.0 |
| 47.5° | 1384.4 | 1379.6 | 1379.6 | 1381.2 | 1370.0 | 1368.4 | 1349.0 | 1318.5 | 1275.1 | 1210.8 | 1128.8 |
| 50°   | 1207.5 | 1205.9 | 1209.2 | 1215.6 | 1207.5 | 1204.4 | 1191.5 | 1170.6 | 1132.0 | 1077.4 | 1000.1 |
| 52.5° | 1048.4 | 1046.8 | 1050.0 | 1058.0 | 1054.8 | 1058.0 | 1045.2 | 1029.1 | 1003.4 | 950.3  | 882.8  |
| 55°   | 892.4  | 892.4  | 892.4  | 902.0  | 902.0  | 902.0  | 895.6  | 886.0  | 861.9  | 823.3  | 760.6  |
| 57.5° | 730.0  | 731.6  | 741.3  | 742.9  | 741.3  | 744.5  | 742.9  | 733.2  | 717.2  | 689.8  | 641.6  |
| 60°   | 593.3  | 593.3  | 598.2  | 603.0  | 601.4  | 603.0  | 603.0  | 598.2  | 582.1  | 559.6  | 521.0  |
| 62.5° | 469.5  | 474.3  | 471.1  | 474.3  | 480.8  | 474.3  | 471.1  | 467.9  | 456.7  | 442.2  | 410.0  |
| 65°   | 355.3  | 358.6  | 358.6  | 360.2  | 356.9  | 358.6  | 352.2  | 347.3  | 340.9  | 324.8  | 303.9  |
| 67.5° | 270.2  | 270.2  | 270.2  | 270.2  | 268.5  | 266.9  | 265.3  | 260.5  | 249.3  | 242.8  | 220.3  |
| 70°   | 207.4  | 197.8  | 197.8  | 197.8  | 197.8  | 199.4  | 194.6  | 188.2  | 184.9  | 173.7  | 157.6  |
| 72.5° | 138.3  | 141.5  | 138.3  | 138.3  | 135.1  | 136.7  | 130.3  | 127.0  | 123.8  | 117.4  | 107.7  |
| 75°   | 99.7   | 91.7   | 94.8   | 96.5   | 91.7   | 94.8   | 88.4   | 82.0   | 82.0   | 77.2   | 72.3   |
| 77.5° | 64.3   | 62.7   | 64.3   | 65.9   | 64.3   | 62.7   | 59.5   | 56.3   | 56.3   | 54.7   | 49.8   |
| 80°   | 46.7   | 45.0   | 45.0   | 45.0   | 43.4   | 45.0   | 41.8   | 41.8   | 38.6   | 37.0   | 33.8   |
| 82.5° | 30.6   | 30.6   | 28.9   | 30.6   | 28.9   | 30.6   | 25.7   | 25.7   | 25.7   | 24.1   | 20.9   |
| 85°   | 20.9   | 17.7   | 17.7   | 19.3   | 16.1   | 19.3   | 17.7   | 16.1   | 14.5   | 14.5   | 12.8   |
| 87.5° | 9.7    | 11.3   | 9.7    | 11.3   | 9.7    | 9.7    | 11.3   | 9.7    | 9.7    | 6.4    | 6.4    |
| 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°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3277.0 | 3278.6 | 3278.6 | 3285.1 | 3288.2 | 3289.8 | 3289.8 | 3302.7 | 3297.9 | 3301.2 | 3304.3 |
| 5°    | 3230.4 | 3240.0 | 3243.2 | 3243.2 | 3260.9 | 3267.3 | 3273.8 | 3288.2 | 3289.8 | 3299.5 | 3310.7 |
| 7.5°  | 3185.3 | 3196.6 | 3203.1 | 3217.5 | 3228.7 | 3240.0 | 3259.3 | 3269.0 | 3278.6 | 3291.5 | 3305.9 |
| 10°   | 3141.9 | 3154.8 | 3167.7 | 3178.9 | 3196.6 | 3211.1 | 3223.9 | 3246.4 | 3257.7 | 3275.4 | 3294.7 |
| 12.5° | 3100.2 | 3117.8 | 3129.1 | 3148.3 | 3167.7 | 3180.5 | 3199.8 | 3220.7 | 3238.4 | 3256.1 | 3278.6 |
| 15°   | 3063.2 | 3084.1 | 3096.9 | 3117.8 | 3138.7 | 3156.4 | 3177.3 | 3203.1 | 3215.9 | 3236.8 | 3257.7 |
| 17.5° | 3022.9 | 3045.5 | 3061.6 | 3080.8 | 3106.6 | 3125.8 | 3143.6 | 3169.2 | 3185.3 | 3207.8 | 3232.0 |
| 20°   | 2981.2 | 3003.7 | 3022.9 | 3042.2 | 3068.0 | 3087.2 | 3108.2 | 3133.9 | 3151.6 | 3174.1 | 3193.4 |
| 22.5° | 2931.3 | 2952.2 | 2973.1 | 2995.6 | 3021.3 | 3037.4 | 3061.6 | 3084.1 | 3103.3 | 3124.2 | 3143.6 |
| 25°   | 2867.0 | 2892.7 | 2908.8 | 2929.7 | 2950.6 | 2968.2 | 2994.0 | 3016.5 | 3032.6 | 3051.9 | 3069.6 |
| 27.5° | 2791.4 | 2810.7 | 2823.6 | 2841.2 | 2862.2 | 2878.2 | 2897.5 | 2920.1 | 2936.1 | 2953.8 | 2966.7 |
| 30°   | 2662.7 | 2680.5 | 2691.7 | 2704.6 | 2725.5 | 2740.0 | 2756.1 | 2776.9 | 2788.2 | 2801.1 | 2812.3 |
| 32.5° | 2493.9 | 2508.4 | 2514.8 | 2524.5 | 2539.0 | 2553.4 | 2566.3 | 2584.0 | 2588.8 | 2596.8 | 2596.8 |
| 35°   | 2249.5 | 2252.7 | 2251.1 | 2254.4 | 2260.8 | 2268.8 | 2280.1 | 2291.3 | 2297.7 | 2297.7 | 2293.0 |
| 37.5° | 1963.3 | 1944.0 | 1923.1 | 1907.0 | 1902.2 | 1899.0 | 1905.5 | 1910.2 | 1916.7 | 1919.9 | 1911.9 |
| 40°   | 1665.9 | 1622.4 | 1575.8 | 1534.0 | 1505.0 | 1492.2 | 1487.4 | 1490.5 | 1490.5 | 1501.8 | 1501.8 |
| 42.5° | 1410.2 | 1342.6 | 1273.5 | 1210.8 | 1169.0 | 1136.9 | 1122.4 | 1122.4 | 1123.9 | 1132.0 | 1136.9 |
| 45°   | 1197.9 | 1112.7 | 1032.3 | 963.2  | 905.3  | 863.4  | 844.2  | 839.4  | 837.8  | 840.9  | 852.2  |
| 47.5° | 1035.5 | 947.1  | 863.4  | 778.3  | 717.2  | 675.3  | 657.7  | 651.2  | 644.8  | 651.2  | 652.8  |
| 50°   | 908.5  | 816.8  | 728.4  | 643.2  | 578.9  | 541.9  | 519.4  | 509.7  | 508.1  | 508.1  | 511.3  |
| 52.5° | 792.7  | 707.5  | 619.1  | 532.3  | 464.7  | 429.3  | 408.4  | 403.6  | 397.2  | 403.6  | 403.6  |
| 55°   | 683.4  | 598.2  | 511.3  | 429.3  | 373.0  | 336.1  | 316.8  | 310.3  | 307.1  | 311.9  | 311.9  |
| 57.5° | 564.4  | 492.0  | 411.7  | 337.7  | 281.4  | 255.7  | 241.2  | 233.2  | 231.5  | 234.8  | 231.5  |
| 60°   | 463.1  | 402.0  | 332.8  | 265.3  | 221.9  | 194.6  | 183.3  | 180.1  | 176.8  | 180.1  | 180.1  |
| 62.5° | 366.6  | 315.2  | 258.8  | 207.4  | 170.4  | 151.2  | 138.3  | 138.3  | 136.7  | 136.7  | 138.3  |
| 65°   | 271.8  | 231.5  | 191.3  | 147.9  | 119.0  | 104.5  | 94.8   | 94.8   | 93.3   | 94.8   | 93.3   |
| 67.5° | 197.8  | 170.4  | 138.3  | 107.7  | 85.2   | 77.2   | 70.8   | 65.9   | 69.2   | 65.9   | 64.3   |
| 70°   | 144.7  | 122.2  | 99.7   | 82.0   | 65.9   | 57.9   | 53.1   | 51.4   | 48.2   | 48.2   | 48.2   |
| 72.5° | 96.5   | 82.0   | 67.5   | 53.1   | 43.4   | 35.3   | 33.8   | 30.6   | 27.3   | 28.9   | 32.2   |
| 75°   | 64.3   | 54.7   | 48.2   | 38.6   | 28.9   | 28.9   | 19.3   | 19.3   | 16.1   | 19.3   | 14.5   |
| 77.5° | 45.0   | 37.0   | 28.9   | 24.1   | 19.3   | 17.7   | 12.8   | 12.8   | 11.3   | 11.3   | 11.3   |
| 80°   | 32.2   | 27.3   | 20.9   | 17.7   | 12.8   | 12.8   | 11.3   | 9.7    | 8.0    | 8.0    | 9.7    |
| 82.5° | 19.3   | 14.5   | 14.5   | 12.8   | 8.0    | 6.4    | 4.8    | 6.4    | 3.2    | 3.2    | 3.2    |
| 85°   | 11.3   | 9.7    | 8.0    | 4.8    | 3.2    | 3.2    | 1.6    | 0.0    | 1.6    | 1.6    | 0.0    |
| 87.5° | 6.4    | 3.2    | 3.2    | 1.6    | 0.0    | 1.6    | 1.6    | 0.0    | 0.0    | 0.0    | 3.2    |
| 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°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3312.4 | 3310.7 | 3314.0 | 3314.0 | 3323.7 | 3322.0 | 3326.8 | 3326.8 | 3323.7 | 3325.2 | 3331.7 |
| 5°    | 3323.7 | 3328.5 | 3338.1 | 3346.2 | 3360.6 | 3367.1 | 3375.1 | 3383.2 | 3384.7 | 3389.6 | 3394.4 |
| 7.5°  | 3323.7 | 3339.7 | 3351.0 | 3365.4 | 3384.7 | 3396.0 | 3413.7 | 3428.2 | 3434.6 | 3442.6 | 3452.3 |
| 10°   | 3317.2 | 3333.3 | 3354.2 | 3370.2 | 3394.4 | 3412.1 | 3429.7 | 3452.3 | 3461.9 | 3474.8 | 3487.7 |
| 12.5° | 3304.3 | 3322.0 | 3344.5 | 3365.4 | 3392.8 | 3408.8 | 3431.3 | 3452.3 | 3466.7 | 3484.4 | 3498.9 |
| 15°   | 3285.1 | 3305.9 | 3326.8 | 3347.7 | 3376.7 | 3396.0 | 3416.9 | 3441.0 | 3455.5 | 3474.8 | 3487.7 |
| 17.5° | 3254.5 | 3277.0 | 3296.3 | 3315.6 | 3342.9 | 3365.4 | 3384.7 | 3407.2 | 3421.7 | 3437.8 | 3455.5 |
| 20°   | 3217.5 | 3238.4 | 3259.3 | 3275.4 | 3302.7 | 3322.0 | 3342.9 | 3363.8 | 3375.1 | 3378.3 | 3405.7 |
| 22.5° | 3170.9 | 3185.3 | 3201.4 | 3227.2 | 3243.2 | 3260.9 | 3280.2 | 3299.5 | 3310.7 | 3328.5 | 3338.1 |
| 25°   | 3093.7 | 3108.2 | 3125.8 | 3137.1 | 3156.4 | 3170.9 | 3190.2 | 3211.1 | 3217.5 | 3230.4 | 3240.0 |
| 27.5° | 2986.0 | 2994.0 | 3002.1 | 3011.7 | 3022.9 | 3031.0 | 3042.2 | 3051.9 | 3058.3 | 3064.7 | 3071.2 |
| 30°   | 2815.5 | 2815.5 | 2815.5 | 2809.1 | 2813.9 | 2818.7 | 2820.3 | 2818.7 | 2818.7 | 2817.1 | 2817.1 |
| 32.5° | 2590.4 | 2577.6 | 2563.1 | 2550.2 | 2545.4 | 2539.0 | 2535.7 | 2530.9 | 2522.9 | 2518.1 | 2519.6 |
| 35°   | 2286.5 | 2257.6 | 2239.9 | 2223.8 | 2211.0 | 2201.3 | 2196.5 | 2191.6 | 2190.0 | 2183.6 | 2177.1 |
| 37.5° | 1907.0 | 1886.1 | 1873.3 | 1863.6 | 1852.4 | 1842.7 | 1844.3 | 1846.0 | 1850.7 | 1847.5 | 1849.1 |
| 40°   | 1505.0 | 1500.2 | 1505.0 | 1493.8 | 1490.5 | 1493.8 | 1501.8 | 1513.1 | 1519.5 | 1526.0 | 1537.2 |
| 42.5° | 1144.9 | 1152.9 | 1164.2 | 1164.2 | 1169.0 | 1175.4 | 1185.0 | 1202.8 | 1212.4 | 1223.6 | 1236.5 |
| 45°   | 861.9  | 871.5  | 886.0  | 890.8  | 894.0  | 902.0  | 913.3  | 927.8  | 934.2  | 943.9  | 955.1  |
| 47.5° | 664.1  | 670.5  | 678.5  | 686.6  | 694.6  | 697.8  | 709.1  | 709.1  | 717.2  | 723.6  | 726.8  |
| 50°   | 517.8  | 524.2  | 530.6  | 535.4  | 538.7  | 543.5  | 546.7  | 551.5  | 553.1  | 556.3  | 557.9  |
| 52.5° | 405.2  | 413.3  | 413.3  | 416.4  | 421.3  | 426.1  | 424.5  | 426.1  | 427.7  | 427.7  | 432.5  |
| 55°   | 316.8  | 316.8  | 321.6  | 321.6  | 324.8  | 323.2  | 324.8  | 324.8  | 324.8  | 324.8  | 326.4  |
| 57.5° | 236.3  | 238.0  | 242.8  | 239.6  | 238.0  | 241.2  | 238.0  | 241.2  | 239.6  | 242.8  | 238.0  |
| 60°   | 181.7  | 181.7  | 183.3  | 183.3  | 184.9  | 184.9  | 184.9  | 183.3  | 183.3  | 181.7  | 181.7  |
| 62.5° | 136.7  | 138.3  | 139.9  | 138.3  | 138.3  | 138.3  | 136.7  | 136.7  | 135.1  | 133.4  | 133.4  |
| 65°   | 91.7   | 90.1   | 93.3   | 90.1   | 91.7   | 91.7   | 90.1   | 91.7   | 86.8   | 88.4   | 86.8   |
| 67.5° | 65.9   | 64.3   | 62.7   | 64.3   | 62.7   | 61.1   | 61.1   | 62.7   | 64.3   | 59.5   | 59.5   |
| 70°   | 43.4   | 45.0   | 43.4   | 45.0   | 46.7   | 46.7   | 45.0   | 43.4   | 45.0   | 41.8   | 43.4   |
| 72.5° | 27.3   | 27.3   | 27.3   | 27.3   | 27.3   | 28.9   | 28.9   | 28.9   | 25.7   | 25.7   | 24.1   |
| 75°   | 12.8   | 17.7   | 14.5   | 12.8   | 17.7   | 17.7   | 16.1   | 16.1   | 14.5   | 14.5   | 14.5   |
| 77.5° | 12.8   | 9.7    | 9.7    | 9.7    | 9.7    | 9.7    | 9.7    | 9.7    | 8.0    | 9.7    | 8.0    |
| 80°   | 6.4    | 6.4    | 6.4    | 4.8    | 6.4    | 6.4    | 8.0    | 6.4    | 6.4    | 4.8    | 8.0    |
| 82.5° | 3.2    | 3.2    | 3.2    | 0.0    | 1.6    | 3.2    | 3.2    | 1.6    | 3.2    | 3.2    | 1.6    |
| 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: P248642

CATALOG NUMBER: LSR8B70D010 EC8B709730 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3330.1 | 3328.5 | 3330.1 | 3331.7 | 3330.1 | 3328.5 | 3330.1 | 3331.7 | 3325.2 | 3323.7 | 3326.8 |
| 5°    | 3400.8 | 3400.8 | 3404.0 | 3405.7 | 3404.0 | 3400.8 | 3400.8 | 3394.4 | 3389.6 | 3384.7 | 3383.2 |
| 7.5°  | 3461.9 | 3465.2 | 3468.3 | 3469.9 | 3468.3 | 3465.2 | 3461.9 | 3452.3 | 3442.6 | 3434.6 | 3428.2 |
| 10°   | 3498.9 | 3503.7 | 3510.2 | 3513.3 | 3510.2 | 3503.7 | 3498.9 | 3487.7 | 3474.8 | 3461.9 | 3452.3 |
| 12.5° | 3515.0 | 3519.8 | 3527.8 | 3526.2 | 3527.8 | 3519.8 | 3515.0 | 3498.9 | 3484.4 | 3466.7 | 3452.3 |
| 15°   | 3503.7 | 3510.2 | 3518.2 | 3521.4 | 3518.2 | 3510.2 | 3503.7 | 3487.7 | 3474.8 | 3455.5 | 3441.0 |
| 17.5° | 3468.3 | 3478.0 | 3482.8 | 3487.7 | 3482.8 | 3478.0 | 3468.3 | 3455.5 | 3437.8 | 3421.7 | 3407.2 |
| 20°   | 3420.1 | 3426.6 | 3433.0 | 3434.6 | 3433.0 | 3426.6 | 3420.1 | 3405.7 | 3378.3 | 3375.1 | 3363.8 |
| 22.5° | 3351.0 | 3355.8 | 3370.2 | 3365.4 | 3370.2 | 3355.8 | 3351.0 | 3338.1 | 3328.5 | 3310.7 | 3299.5 |
| 25°   | 3251.2 | 3256.1 | 3257.7 | 3259.3 | 3257.7 | 3256.1 | 3251.2 | 3240.0 | 3230.4 | 3217.5 | 3211.1 |
| 27.5° | 3079.2 | 3079.2 | 3082.4 | 3084.1 | 3082.4 | 3079.2 | 3079.2 | 3071.2 | 3064.7 | 3058.3 | 3051.9 |
| 30°   | 2818.7 | 2818.7 | 2818.7 | 2826.8 | 2818.7 | 2818.7 | 2818.7 | 2817.1 | 2817.1 | 2818.7 | 2818.7 |
| 32.5° | 2518.1 | 2514.8 | 2511.6 | 2514.8 | 2511.6 | 2514.8 | 2518.1 | 2519.6 | 2518.1 | 2522.9 | 2530.9 |
| 35°   | 2177.1 | 2175.6 | 2180.4 | 2174.0 | 2180.4 | 2175.6 | 2177.1 | 2177.1 | 2183.6 | 2190.0 | 2191.6 |
| 37.5° | 1850.7 | 1847.5 | 1854.0 | 1847.5 | 1854.0 | 1847.5 | 1850.7 | 1849.1 | 1847.5 | 1850.7 | 1846.0 |
| 40°   | 1540.4 | 1543.6 | 1543.6 | 1556.5 | 1543.6 | 1543.6 | 1540.4 | 1537.2 | 1526.0 | 1519.5 | 1513.1 |
| 42.5° | 1242.9 | 1252.6 | 1249.4 | 1259.0 | 1249.4 | 1252.6 | 1242.9 | 1236.5 | 1223.6 | 1212.4 | 1202.8 |
| 45°   | 961.5  | 968.0  | 968.0  | 971.2  | 968.0  | 968.0  | 961.5  | 955.1  | 943.9  | 934.2  | 927.8  |
| 47.5° | 738.0  | 738.0  | 738.0  | 739.7  | 738.0  | 738.0  | 738.0  | 726.8  | 723.6  | 717.2  | 709.1  |
| 50°   | 561.2  | 562.8  | 564.4  | 566.0  | 564.4  | 562.8  | 561.2  | 557.9  | 556.3  | 553.1  | 551.5  |
| 52.5° | 430.9  | 432.5  | 429.3  | 432.5  | 429.3  | 432.5  | 430.9  | 432.5  | 427.7  | 427.7  | 426.1  |
| 55°   | 326.4  | 324.8  | 326.4  | 328.0  | 326.4  | 324.8  | 326.4  | 326.4  | 324.8  | 324.8  | 324.8  |
| 57.5° | 239.6  | 236.3  | 236.3  | 236.3  | 236.3  | 236.3  | 239.6  | 238.0  | 242.8  | 239.6  | 241.2  |
| 60°   | 178.5  | 180.1  | 180.1  | 181.7  | 180.1  | 180.1  | 178.5  | 181.7  | 181.7  | 183.3  | 183.3  |
| 62.5° | 131.8  | 136.7  | 133.4  | 136.7  | 133.4  | 136.7  | 131.8  | 133.4  | 133.4  | 135.1  | 136.7  |
| 65°   | 85.2   | 85.2   | 85.2   | 86.8   | 85.2   | 85.2   | 85.2   | 86.8   | 88.4   | 86.8   | 91.7   |
| 67.5° | 57.9   | 59.5   | 62.7   | 61.1   | 62.7   | 59.5   | 57.9   | 59.5   | 59.5   | 64.3   | 62.7   |
| 70°   | 46.7   | 41.8   | 41.8   | 46.7   | 41.8   | 41.8   | 46.7   | 43.4   | 41.8   | 45.0   | 43.4   |
| 72.5° | 27.3   | 24.1   | 27.3   | 27.3   | 27.3   | 24.1   | 27.3   | 24.1   | 25.7   | 25.7   | 28.9   |
| 75°   | 14.5   | 12.8   | 11.3   | 16.1   | 11.3   | 12.8   | 14.5   | 14.5   | 14.5   | 14.5   | 16.1   |
| 77.5° | 9.7    | 8.0    | 11.3   | 11.3   | 11.3   | 8.0    | 9.7    | 8.0    | 9.7    | 8.0    | 9.7    |
| 80°   | 4.8    | 6.4    | 4.8    | 8.0    | 4.8    | 6.4    | 4.8    | 8.0    | 4.8    | 6.4    | 6.4    |
| 82.5° | 1.6    | 3.2    | 3.2    | 3.2    | 3.2    | 3.2    | 1.6    | 1.6    | 3.2    | 3.2    | 1.6    |
| 85°   | 0.0    | 3.2    | 1.6    | 1.6    | 1.6    | 3.2    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 1.6    | 0.0    | 0.0    | 1.6    | 0.0    | 0.0    | 1.6    | 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: P248642

CATALOG NUMBER: LSR8B70D010 EC8B709730 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3326.8 | 3322.0 | 3323.7 | 3314.0 | 3314.0 | 3310.7 | 3312.4 | 3304.3 | 3301.2 | 3297.9 | 3302.7 |
| 5°    | 3375.1 | 3367.1 | 3360.6 | 3346.2 | 3338.1 | 3328.5 | 3323.7 | 3310.7 | 3299.5 | 3289.8 | 3288.2 |
| 7.5°  | 3413.7 | 3396.0 | 3384.7 | 3365.4 | 3351.0 | 3339.7 | 3323.7 | 3305.9 | 3291.5 | 3278.6 | 3269.0 |
| 10°   | 3429.7 | 3412.1 | 3394.4 | 3370.2 | 3354.2 | 3333.3 | 3317.2 | 3294.7 | 3275.4 | 3257.7 | 3246.4 |
| 12.5° | 3431.3 | 3408.8 | 3392.8 | 3365.4 | 3344.5 | 3322.0 | 3304.3 | 3278.6 | 3256.1 | 3238.4 | 3220.7 |
| 15°   | 3416.9 | 3396.0 | 3376.7 | 3347.7 | 3326.8 | 3305.9 | 3285.1 | 3257.7 | 3236.8 | 3215.9 | 3203.1 |
| 17.5° | 3384.7 | 3365.4 | 3342.9 | 3315.6 | 3296.3 | 3277.0 | 3254.5 | 3232.0 | 3207.8 | 3185.3 | 3169.2 |
| 20°   | 3342.9 | 3322.0 | 3302.7 | 3275.4 | 3259.3 | 3238.4 | 3217.5 | 3193.4 | 3174.1 | 3151.6 | 3133.9 |
| 22.5° | 3280.2 | 3260.9 | 3243.2 | 3227.2 | 3201.4 | 3185.3 | 3170.9 | 3143.6 | 3124.2 | 3103.3 | 3084.1 |
| 25°   | 3190.2 | 3170.9 | 3156.4 | 3137.1 | 3125.8 | 3108.2 | 3093.7 | 3069.6 | 3051.9 | 3032.6 | 3016.5 |
| 27.5° | 3042.2 | 3031.0 | 3022.9 | 3011.7 | 3002.1 | 2994.0 | 2986.0 | 2966.7 | 2953.8 | 2936.1 | 2920.1 |
| 30°   | 2820.3 | 2818.7 | 2813.9 | 2809.1 | 2815.5 | 2815.5 | 2815.5 | 2812.3 | 2801.1 | 2788.2 | 2776.9 |
| 32.5° | 2535.7 | 2539.0 | 2545.4 | 2550.2 | 2563.1 | 2577.6 | 2590.4 | 2596.8 | 2596.8 | 2588.8 | 2584.0 |
| 35°   | 2196.5 | 2201.3 | 2211.0 | 2223.8 | 2239.9 | 2257.6 | 2286.5 | 2293.0 | 2297.7 | 2297.7 | 2291.3 |
| 37.5° | 1844.3 | 1842.7 | 1852.4 | 1863.6 | 1873.3 | 1886.1 | 1907.0 | 1911.9 | 1919.9 | 1916.7 | 1910.2 |
| 40°   | 1501.8 | 1493.8 | 1490.5 | 1493.8 | 1505.0 | 1500.2 | 1505.0 | 1501.8 | 1501.8 | 1490.5 | 1490.5 |
| 42.5° | 1185.0 | 1175.4 | 1169.0 | 1164.2 | 1164.2 | 1152.9 | 1144.9 | 1136.9 | 1132.0 | 1123.9 | 1122.4 |
| 45°   | 913.3  | 902.0  | 894.0  | 890.8  | 886.0  | 871.5  | 861.9  | 852.2  | 840.9  | 837.8  | 839.4  |
| 47.5° | 709.1  | 697.8  | 694.6  | 686.6  | 678.5  | 670.5  | 664.1  | 652.8  | 651.2  | 644.8  | 651.2  |
| 50°   | 546.7  | 543.5  | 538.7  | 535.4  | 530.6  | 524.2  | 517.8  | 511.3  | 508.1  | 508.1  | 509.7  |
| 52.5° | 424.5  | 426.1  | 421.3  | 416.4  | 413.3  | 413.3  | 405.2  | 403.6  | 403.6  | 397.2  | 403.6  |
| 55°   | 324.8  | 323.2  | 324.8  | 321.6  | 321.6  | 316.8  | 316.8  | 311.9  | 311.9  | 307.1  | 310.3  |
| 57.5° | 238.0  | 241.2  | 238.0  | 239.6  | 242.8  | 238.0  | 236.3  | 231.5  | 234.8  | 231.5  | 233.2  |
| 60°   | 184.9  | 184.9  | 184.9  | 183.3  | 183.3  | 181.7  | 181.7  | 180.1  | 180.1  | 176.8  | 180.1  |
| 62.5° | 136.7  | 138.3  | 138.3  | 138.3  | 139.9  | 138.3  | 136.7  | 138.3  | 136.7  | 136.7  | 138.3  |
| 65°   | 90.1   | 91.7   | 91.7   | 90.1   | 93.3   | 90.1   | 91.7   | 93.3   | 94.8   | 93.3   | 94.8   |
| 67.5° | 61.1   | 61.1   | 62.7   | 64.3   | 62.7   | 64.3   | 65.9   | 64.3   | 65.9   | 69.2   | 65.9   |
| 70°   | 45.0   | 46.7   | 46.7   | 45.0   | 43.4   | 45.0   | 43.4   | 48.2   | 48.2   | 48.2   | 51.4   |
| 72.5° | 28.9   | 28.9   | 27.3   | 27.3   | 27.3   | 27.3   | 27.3   | 32.2   | 28.9   | 27.3   | 30.6   |
| 75°   | 16.1   | 17.7   | 17.7   | 12.8   | 14.5   | 17.7   | 12.8   | 14.5   | 19.3   | 16.1   | 19.3   |
| 77.5° | 9.7    | 9.7    | 9.7    | 9.7    | 9.7    | 9.7    | 12.8   | 11.3   | 11.3   | 11.3   | 12.8   |
| 80°   | 8.0    | 6.4    | 6.4    | 4.8    | 6.4    | 6.4    | 6.4    | 9.7    | 8.0    | 8.0    | 9.7    |
| 82.5° | 3.2    | 3.2    | 1.6    | 0.0    | 3.2    | 3.2    | 3.2    | 3.2    | 3.2    | 3.2    | 6.4    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.6    | 1.6    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.2    | 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: P248642

CATALOG NUMBER: LSR8B70D010 EC8B709730 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3289.8 | 3289.8 | 3288.2 | 3285.1 | 3278.6 | 3278.6 | 3277.0 | 3272.2 | 3269.0 | 3267.3 | 3267.3 |
| 5°    | 3273.8 | 3267.3 | 3260.9 | 3243.2 | 3243.2 | 3240.0 | 3230.4 | 3223.9 | 3220.7 | 3212.7 | 3209.5 |
| 7.5°  | 3259.3 | 3240.0 | 3228.7 | 3217.5 | 3203.1 | 3196.6 | 3185.3 | 3180.5 | 3169.2 | 3161.2 | 3156.4 |
| 10°   | 3223.9 | 3211.1 | 3196.6 | 3178.9 | 3167.7 | 3154.8 | 3141.9 | 3132.3 | 3117.8 | 3109.7 | 3103.3 |
| 12.5° | 3199.8 | 3180.5 | 3167.7 | 3148.3 | 3129.1 | 3117.8 | 3100.2 | 3088.9 | 3074.4 | 3058.3 | 3048.7 |
| 15°   | 3177.3 | 3156.4 | 3138.7 | 3117.8 | 3096.9 | 3084.1 | 3063.2 | 3050.3 | 3029.4 | 3013.3 | 3002.1 |
| 17.5° | 3143.6 | 3125.8 | 3106.6 | 3080.8 | 3061.6 | 3045.5 | 3022.9 | 3006.9 | 2987.6 | 2966.7 | 2955.4 |
| 20°   | 3108.2 | 3087.2 | 3068.0 | 3042.2 | 3022.9 | 3003.7 | 2981.2 | 2963.5 | 2940.9 | 2921.7 | 2908.8 |
| 22.5° | 3061.6 | 3037.4 | 3021.3 | 2995.6 | 2973.1 | 2952.2 | 2931.3 | 2910.4 | 2889.5 | 2873.4 | 2858.9 |
| 25°   | 2994.0 | 2968.2 | 2950.6 | 2929.7 | 2908.8 | 2892.7 | 2867.0 | 2854.1 | 2833.2 | 2818.7 | 2804.2 |
| 27.5° | 2897.5 | 2878.2 | 2862.2 | 2841.2 | 2823.6 | 2810.7 | 2791.4 | 2778.6 | 2760.8 | 2748.0 | 2736.7 |
| 30°   | 2756.1 | 2740.0 | 2725.5 | 2704.6 | 2691.7 | 2680.5 | 2662.7 | 2651.5 | 2638.6 | 2624.2 | 2621.0 |
| 32.5° | 2566.3 | 2553.4 | 2539.0 | 2524.5 | 2514.8 | 2508.4 | 2493.9 | 2487.5 | 2474.6 | 2466.6 | 2458.6 |
| 35°   | 2280.1 | 2268.8 | 2260.8 | 2254.4 | 2251.1 | 2252.7 | 2249.5 | 2256.0 | 2259.1 | 2257.6 | 2259.1 |
| 37.5° | 1905.5 | 1899.0 | 1902.2 | 1907.0 | 1923.1 | 1944.0 | 1963.3 | 1992.2 | 2011.5 | 2030.9 | 2048.5 |
| 40°   | 1487.4 | 1492.2 | 1505.0 | 1534.0 | 1575.8 | 1622.4 | 1665.9 | 1720.5 | 1775.2 | 1813.8 | 1849.1 |
| 42.5° | 1122.4 | 1136.9 | 1169.0 | 1210.8 | 1273.5 | 1342.6 | 1410.2 | 1490.5 | 1556.5 | 1620.8 | 1665.9 |
| 45°   | 844.2  | 863.4  | 905.3  | 963.2  | 1032.3 | 1112.7 | 1197.9 | 1288.0 | 1366.8 | 1432.7 | 1482.5 |
| 47.5° | 657.7  | 675.3  | 717.2  | 778.3  | 863.4  | 947.1  | 1035.5 | 1128.8 | 1210.8 | 1275.1 | 1318.5 |
| 50°   | 519.4  | 541.9  | 578.9  | 643.2  | 728.4  | 816.8  | 908.5  | 1000.1 | 1077.4 | 1132.0 | 1170.6 |
| 52.5° | 408.4  | 429.3  | 464.7  | 532.3  | 619.1  | 707.5  | 792.7  | 882.8  | 950.3  | 1003.4 | 1029.1 |
| 55°   | 316.8  | 336.1  | 373.0  | 429.3  | 511.3  | 598.2  | 683.4  | 760.6  | 823.3  | 861.9  | 886.0  |
| 57.5° | 241.2  | 255.7  | 281.4  | 337.7  | 411.7  | 492.0  | 564.4  | 641.6  | 689.8  | 717.2  | 733.2  |
| 60°   | 183.3  | 194.6  | 221.9  | 265.3  | 332.8  | 402.0  | 463.1  | 521.0  | 559.6  | 582.1  | 598.2  |
| 62.5° | 138.3  | 151.2  | 170.4  | 207.4  | 258.8  | 315.2  | 366.6  | 410.0  | 442.2  | 456.7  | 467.9  |
| 65°   | 94.8   | 104.5  | 119.0  | 147.9  | 191.3  | 231.5  | 271.8  | 303.9  | 324.8  | 340.9  | 347.3  |
| 67.5° | 70.8   | 77.2   | 85.2   | 107.7  | 138.3  | 170.4  | 197.8  | 220.3  | 242.8  | 249.3  | 260.5  |
| 70°   | 53.1   | 57.9   | 65.9   | 82.0   | 99.7   | 122.2  | 144.7  | 157.6  | 173.7  | 184.9  | 188.2  |
| 72.5° | 33.8   | 35.3   | 43.4   | 53.1   | 67.5   | 82.0   | 96.5   | 107.7  | 117.4  | 123.8  | 127.0  |
| 75°   | 19.3   | 28.9   | 28.9   | 38.6   | 48.2   | 54.7   | 64.3   | 72.3   | 77.2   | 82.0   | 82.0   |
| 77.5° | 12.8   | 17.7   | 19.3   | 24.1   | 28.9   | 37.0   | 45.0   | 49.8   | 54.7   | 56.3   | 56.3   |
| 80°   | 11.3   | 12.8   | 12.8   | 17.7   | 20.9   | 27.3   | 32.2   | 33.8   | 37.0   | 38.6   | 41.8   |
| 82.5° | 4.8    | 6.4    | 8.0    | 12.8   | 14.5   | 14.5   | 19.3   | 20.9   | 24.1   | 25.7   | 25.7   |
| 85°   | 1.6    | 3.2    | 3.2    | 4.8    | 8.0    | 9.7    | 11.3   | 12.8   | 14.5   | 14.5   | 16.1   |
| 87.5° | 1.6    | 1.6    | 0.0    | 1.6    | 3.2    | 3.2    | 6.4    | 6.4    | 6.4    | 9.7    | 9.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248642

CATALOG NUMBER: LSR8B70D010 EC8B709730 8LBSWOH

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 | 3293.1 |
| 2.5°  | 3264.2 | 3265.7 | 3259.3 | 3257.7 | 3254.5 | 3256.1 | 3259.3 |
| 5°    | 3204.7 | 3206.2 | 3199.8 | 3193.4 | 3193.4 | 3191.7 | 3193.4 |
| 7.5°  | 3148.3 | 3150.0 | 3140.3 | 3137.1 | 3130.7 | 3132.3 | 3132.3 |
| 10°   | 3092.1 | 3092.1 | 3077.6 | 3076.0 | 3071.2 | 3069.6 | 3069.6 |
| 12.5° | 3037.4 | 3032.6 | 3021.3 | 3014.9 | 3018.1 | 3008.5 | 3008.5 |
| 15°   | 2989.2 | 2981.2 | 2966.7 | 2961.8 | 2953.8 | 2950.6 | 2950.6 |
| 17.5° | 2939.3 | 2932.9 | 2920.1 | 2910.4 | 2900.7 | 2899.1 | 2900.7 |
| 20°   | 2891.1 | 2884.7 | 2868.6 | 2862.2 | 2854.1 | 2854.1 | 2850.9 |
| 22.5° | 2842.8 | 2836.4 | 2822.0 | 2817.1 | 2805.9 | 2805.9 | 2807.5 |
| 25°   | 2793.0 | 2788.2 | 2772.1 | 2768.9 | 2767.3 | 2760.8 | 2764.1 |
| 27.5° | 2725.5 | 2722.2 | 2709.4 | 2704.6 | 2698.1 | 2696.6 | 2699.7 |
| 30°   | 2601.6 | 2596.8 | 2587.2 | 2582.4 | 2571.1 | 2572.7 | 2575.9 |
| 32.5° | 2447.3 | 2440.9 | 2428.0 | 2423.1 | 2413.6 | 2410.3 | 2411.9 |
| 35°   | 2254.4 | 2249.5 | 2238.3 | 2238.3 | 2228.6 | 2225.4 | 2228.6 |
| 37.5° | 2058.2 | 2063.0 | 2058.2 | 2063.0 | 2058.2 | 2056.6 | 2058.2 |
| 40°   | 1873.3 | 1891.0 | 1894.1 | 1911.9 | 1905.5 | 1915.0 | 1913.5 |
| 42.5° | 1696.4 | 1725.3 | 1736.6 | 1751.0 | 1747.9 | 1754.3 | 1759.1 |
| 45°   | 1517.9 | 1542.0 | 1553.3 | 1562.9 | 1564.5 | 1567.8 | 1569.4 |
| 47.5° | 1349.0 | 1368.4 | 1370.0 | 1381.2 | 1379.6 | 1379.6 | 1384.4 |
| 50°   | 1191.5 | 1204.4 | 1207.5 | 1215.6 | 1209.2 | 1205.9 | 1207.5 |
| 52.5° | 1045.2 | 1058.0 | 1054.8 | 1058.0 | 1050.0 | 1046.8 | 1048.4 |
| 55°   | 895.6  | 902.0  | 902.0  | 902.0  | 892.4  | 892.4  | 892.4  |
| 57.5° | 742.9  | 744.5  | 741.3  | 742.9  | 741.3  | 731.6  | 730.0  |
| 60°   | 603.0  | 603.0  | 601.4  | 603.0  | 598.2  | 593.3  | 593.3  |
| 62.5° | 471.1  | 474.3  | 480.8  | 474.3  | 471.1  | 474.3  | 469.5  |
| 65°   | 352.2  | 358.6  | 356.9  | 360.2  | 358.6  | 358.6  | 355.3  |
| 67.5° | 265.3  | 266.9  | 268.5  | 270.2  | 270.2  | 270.2  | 270.2  |
| 70°   | 194.6  | 199.4  | 197.8  | 197.8  | 197.8  | 197.8  | 207.4  |
| 72.5° | 130.3  | 136.7  | 135.1  | 138.3  | 138.3  | 141.5  | 138.3  |
| 75°   | 88.4   | 94.8   | 91.7   | 96.5   | 94.8   | 91.7   | 99.7   |
| 77.5° | 59.5   | 62.7   | 64.3   | 65.9   | 64.3   | 62.7   | 64.3   |
| 80°   | 41.8   | 45.0   | 43.4   | 45.0   | 45.0   | 45.0   | 46.7   |
| 82.5° | 25.7   | 30.6   | 28.9   | 30.6   | 28.9   | 30.6   | 30.6   |
| 85°   | 17.7   | 19.3   | 16.1   | 19.3   | 17.7   | 17.7   | 20.9   |
| 87.5° | 11.3   | 9.7    | 9.7    | 11.3   | 9.7    | 11.3   | 9.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)