

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: P248677

Luminaire Tested: **LD8B60D010 ER8B60840 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248677
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: LD8B60D010 ER8B60840 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 4000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6142.0 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

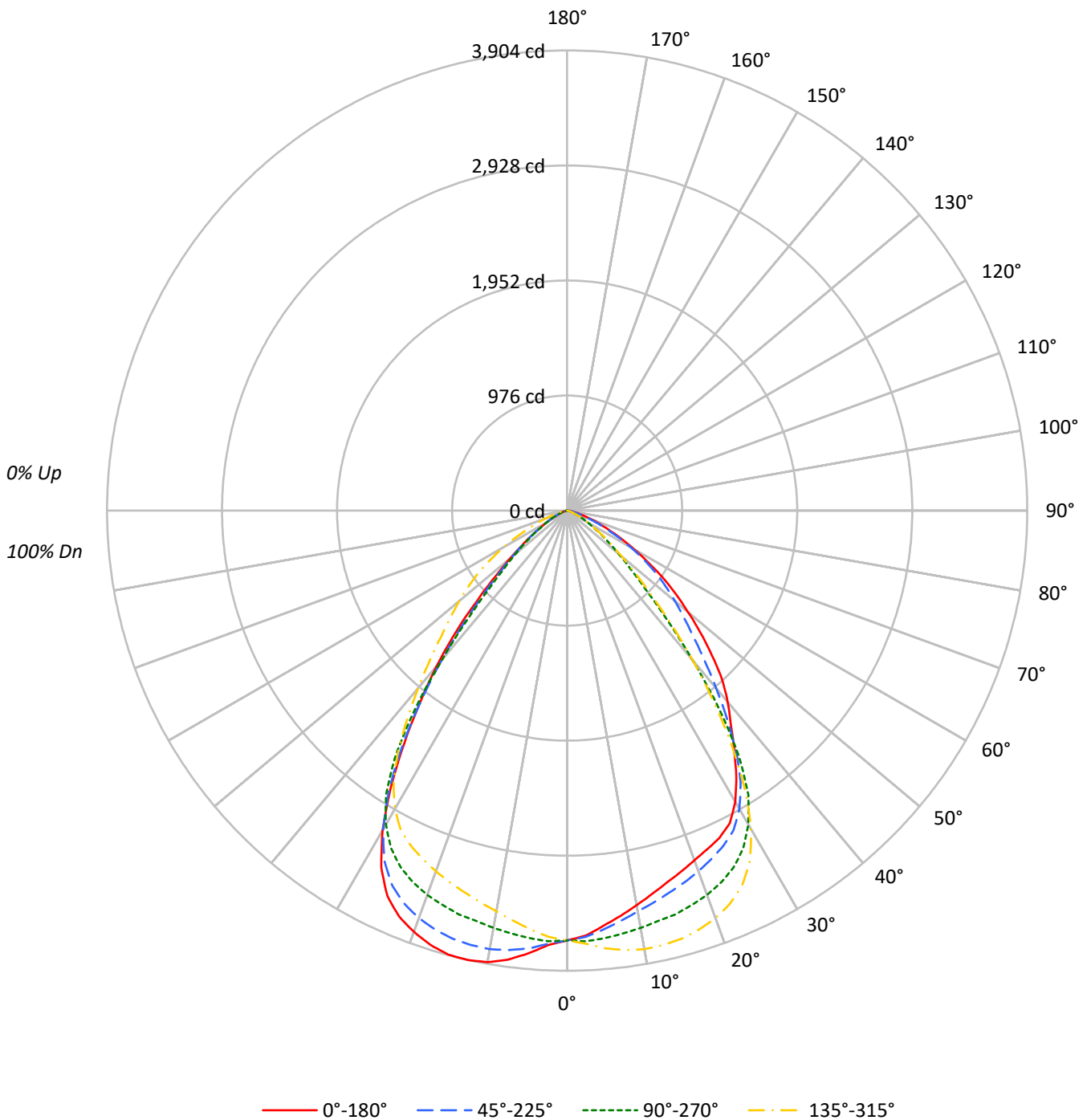
Input Watts (W): 59.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 112438 | 112438 | 112438 | 112438 |
| 5° | 109451 | 112704 | 116728 | 112704 |
| 10° | 106423 | 112554 | 121810 | 112554 |
| 15° | 104299 | 113222 | 124475 | 113222 |
| 20° | 103588 | 113872 | 124797 | 113872 |
| 25° | 104134 | 113644 | 122790 | 113644 |
| 30° | 101557 | 109484 | 111449 | 109484 |
| 35° | 92895 | 95507 | 90617 | 95507 |
| 40° | 85286 | 66435 | 69378 | 66435 |
| 45° | 75780 | 40530 | 46897 | 40530 |
| 50° | 64144 | 27076 | 30065 | 27076 |
| 55° | 53127 | 18472 | 19526 | 18472 |
| 60° | 40519 | 12298 | 12409 | 12298 |
| 65° | 28712 | 7661 | 7012 | 7661 |
| 70° | 20710 | 5130 | 4661 | 5130 |
| 75° | 13153 | 2550 | 2121 | 2550 |
| 80° | 9181 | 1900 | 1580 | 1900 |
| 85° | 8208 | 0 | 637 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 347.1 | 5.7 |
| 10°-20° | 1005.0 | 16.4 |
| 20°-30° | 1521.8 | 24.8 |
| 30°-40° | 1525.2 | 24.8 |
| 40°-50° | 957.8 | 15.6 |
| 50°-60° | 510.4 | 8.3 |
| 60°-70° | 209.9 | 3.4 |
| 70°-80° | 55.4 | 0.9 |
| 80°-90° | 9.4 | 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° | 2873.9 | 46.8 |
| 0°-40° | 4399.1 | 71.6 |
| 0°-60° | 5867.3 | 95.5 |
| 0°-90° | 6142.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6142.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3646 | 3646 | 3646 | 3646 | 3646 | |
| 5° | 3536 | 3641 | 3771 | 3641 | 3536 | 333 |
| 15° | 3267 | 3547 | 3899 | 3547 | 3267 | 924 |
| 25° | 3061 | 3340 | 3609 | 3340 | 3061 | 1404 |
| 35° | 2468 | 2537 | 2407 | 2537 | 2468 | 1546 |
| 45° | 1738 | 929 | 1075 | 929 | 1738 | 1336 |
| 55° | 988 | 344 | 363 | 344 | 988 | 881 |
| 65° | 394 | 105 | 96 | 105 | 394 | 408 |
| 75° | 110 | 21 | 18 | 21 | 110 | 125 |
| 85° | 23 | 0 | 2 | 0 | 23 | 25 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3608.9 | 3605.3 | 3603.6 | 3607.2 | 3608.9 | 3616.0 | 3614.3 | 3617.8 | 3617.8 | 3619.6 | 3623.2 |
| 5° | 3535.9 | 3534.1 | 3535.9 | 3535.9 | 3543.1 | 3550.2 | 3548.4 | 3553.8 | 3557.3 | 3566.2 | 3569.7 |
| 7.5° | 3468.3 | 3468.3 | 3466.5 | 3473.6 | 3477.2 | 3487.9 | 3486.0 | 3495.0 | 3500.3 | 3509.2 | 3521.7 |
| 10° | 3398.8 | 3398.8 | 3400.6 | 3405.9 | 3407.8 | 3423.7 | 3423.7 | 3436.2 | 3443.3 | 3452.3 | 3468.3 |
| 12.5° | 3331.2 | 3331.2 | 3341.9 | 3338.3 | 3345.4 | 3357.9 | 3363.2 | 3375.7 | 3386.4 | 3404.2 | 3420.2 |
| 15° | 3267.1 | 3267.1 | 3270.7 | 3279.5 | 3284.9 | 3300.9 | 3309.8 | 3324.1 | 3336.5 | 3354.3 | 3377.5 |
| 17.5° | 3211.9 | 3210.1 | 3211.9 | 3222.6 | 3233.3 | 3247.5 | 3254.6 | 3272.4 | 3284.9 | 3308.0 | 3329.4 |
| 20° | 3156.7 | 3160.3 | 3160.3 | 3169.2 | 3176.3 | 3194.1 | 3201.2 | 3220.8 | 3235.0 | 3256.4 | 3281.4 |
| 22.5° | 3108.6 | 3106.9 | 3106.9 | 3119.3 | 3124.7 | 3140.7 | 3147.8 | 3165.6 | 3181.6 | 3199.4 | 3222.6 |
| 25° | 3060.6 | 3057.0 | 3064.1 | 3065.9 | 3069.4 | 3087.2 | 3092.6 | 3105.0 | 3121.1 | 3137.1 | 3160.3 |
| 27.5° | 2989.3 | 2985.8 | 2987.6 | 2994.7 | 3000.0 | 3014.2 | 3017.8 | 3030.3 | 3042.7 | 3057.0 | 3076.6 |
| 30° | 2852.2 | 2848.7 | 2846.9 | 2859.4 | 2864.7 | 2875.4 | 2880.7 | 2902.1 | 2905.6 | 2921.7 | 2935.9 |
| 32.5° | 2670.6 | 2668.9 | 2672.4 | 2683.1 | 2688.4 | 2702.7 | 2709.8 | 2722.3 | 2731.1 | 2740.1 | 2754.3 |
| 35° | 2467.7 | 2464.1 | 2467.7 | 2478.4 | 2478.4 | 2490.8 | 2496.2 | 2501.5 | 2499.7 | 2501.5 | 2498.0 |
| 37.5° | 2279.0 | 2277.1 | 2279.0 | 2284.3 | 2279.0 | 2284.3 | 2279.0 | 2268.3 | 2248.7 | 2227.3 | 2205.9 |
| 40° | 2118.7 | 2120.5 | 2109.8 | 2117.0 | 2097.3 | 2093.8 | 2074.2 | 2047.5 | 2008.3 | 1965.6 | 1905.1 |
| 42.5° | 1947.8 | 1942.5 | 1935.4 | 1938.9 | 1922.9 | 1910.4 | 1878.3 | 1844.6 | 1794.6 | 1723.5 | 1650.4 |
| 45° | 1737.7 | 1735.9 | 1732.4 | 1730.6 | 1719.9 | 1707.4 | 1680.7 | 1641.6 | 1586.4 | 1513.4 | 1426.1 |
| 47.5° | 1533.0 | 1527.6 | 1527.6 | 1529.4 | 1516.9 | 1515.1 | 1493.7 | 1460.0 | 1411.9 | 1340.7 | 1249.9 |
| 50° | 1337.1 | 1335.3 | 1338.9 | 1346.0 | 1337.1 | 1333.5 | 1319.3 | 1296.2 | 1253.4 | 1192.9 | 1107.4 |
| 52.5° | 1160.8 | 1159.1 | 1162.6 | 1171.5 | 1167.9 | 1171.5 | 1157.3 | 1139.5 | 1111.0 | 1052.2 | 977.5 |
| 55° | 988.2 | 988.2 | 988.2 | 998.8 | 998.8 | 998.8 | 991.7 | 981.1 | 954.3 | 911.6 | 842.2 |
| 57.5° | 808.3 | 810.1 | 820.8 | 822.5 | 820.8 | 824.4 | 822.5 | 811.8 | 794.1 | 763.8 | 710.4 |
| 60° | 657.0 | 657.0 | 662.3 | 667.7 | 665.9 | 667.7 | 667.7 | 662.3 | 644.5 | 619.6 | 576.9 |
| 62.5° | 519.9 | 525.2 | 521.6 | 525.2 | 532.3 | 525.2 | 521.6 | 518.1 | 505.7 | 489.6 | 454.0 |
| 65° | 393.5 | 397.1 | 397.1 | 398.8 | 395.2 | 397.1 | 389.9 | 384.6 | 377.5 | 359.7 | 336.5 |
| 67.5° | 299.1 | 299.1 | 299.1 | 299.1 | 297.3 | 295.6 | 293.8 | 288.4 | 276.0 | 268.9 | 243.9 |
| 70° | 229.7 | 219.0 | 219.0 | 219.0 | 219.0 | 220.8 | 215.5 | 208.3 | 204.8 | 192.3 | 174.5 |
| 72.5° | 153.1 | 156.7 | 153.1 | 153.1 | 149.6 | 151.3 | 144.2 | 140.6 | 137.1 | 130.0 | 119.3 |
| 75° | 110.4 | 101.5 | 105.0 | 106.8 | 101.5 | 105.0 | 97.9 | 90.8 | 90.8 | 85.4 | 80.1 |
| 77.5° | 71.2 | 69.5 | 71.2 | 73.0 | 71.2 | 69.5 | 65.9 | 62.3 | 62.3 | 60.5 | 55.2 |
| 80° | 51.7 | 49.8 | 49.8 | 49.8 | 48.1 | 49.8 | 46.3 | 46.3 | 42.7 | 41.0 | 37.4 |
| 82.5° | 33.9 | 33.9 | 32.0 | 33.9 | 32.0 | 33.9 | 28.5 | 28.5 | 28.5 | 26.7 | 23.2 |
| 85° | 23.2 | 19.6 | 19.6 | 21.4 | 17.8 | 21.4 | 19.6 | 17.8 | 16.0 | 16.0 | 14.2 |
| 87.5° | 10.7 | 12.5 | 10.7 | 12.5 | 10.7 | 10.7 | 12.5 | 10.7 | 10.7 | 7.1 | 7.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3628.5 | 3630.3 | 3630.3 | 3637.4 | 3641.0 | 3642.7 | 3642.7 | 3657.0 | 3651.7 | 3655.3 | 3658.8 |
| 5° | 3576.9 | 3587.5 | 3591.1 | 3591.1 | 3610.7 | 3617.8 | 3624.9 | 3641.0 | 3642.7 | 3653.4 | 3665.9 |
| 7.5° | 3527.0 | 3539.5 | 3546.6 | 3562.6 | 3575.1 | 3587.5 | 3608.9 | 3619.6 | 3630.3 | 3644.6 | 3660.5 |
| 10° | 3478.9 | 3493.2 | 3507.4 | 3519.9 | 3539.5 | 3555.5 | 3569.7 | 3594.6 | 3607.2 | 3626.7 | 3648.1 |
| 12.5° | 3432.7 | 3452.3 | 3464.7 | 3486.0 | 3507.4 | 3521.7 | 3543.1 | 3566.2 | 3585.8 | 3605.3 | 3630.3 |
| 15° | 3391.7 | 3414.9 | 3429.1 | 3452.3 | 3475.4 | 3495.0 | 3518.1 | 3546.6 | 3560.9 | 3584.0 | 3607.2 |
| 17.5° | 3347.2 | 3372.2 | 3390.0 | 3411.3 | 3439.8 | 3461.1 | 3480.8 | 3509.2 | 3527.0 | 3551.9 | 3578.7 |
| 20° | 3300.9 | 3325.8 | 3347.2 | 3368.6 | 3397.1 | 3418.4 | 3441.6 | 3470.1 | 3489.6 | 3514.5 | 3535.9 |
| 22.5° | 3245.7 | 3268.9 | 3292.0 | 3316.9 | 3345.4 | 3363.2 | 3390.0 | 3414.9 | 3436.2 | 3459.4 | 3480.8 |
| 25° | 3174.5 | 3203.0 | 3220.8 | 3243.9 | 3267.1 | 3286.6 | 3315.1 | 3340.1 | 3357.9 | 3379.3 | 3398.8 |
| 27.5° | 3090.8 | 3112.2 | 3126.4 | 3146.0 | 3169.2 | 3187.0 | 3208.3 | 3233.3 | 3251.1 | 3270.7 | 3284.9 |
| 30° | 2948.4 | 2968.0 | 2980.5 | 2994.7 | 3017.8 | 3033.9 | 3051.7 | 3074.8 | 3087.2 | 3101.5 | 3114.0 |
| 32.5° | 2761.4 | 2777.5 | 2784.6 | 2795.3 | 2811.3 | 2827.3 | 2841.6 | 2861.1 | 2866.5 | 2875.4 | 2875.4 |
| 35° | 2490.8 | 2494.4 | 2492.6 | 2496.2 | 2503.3 | 2512.2 | 2524.6 | 2537.1 | 2544.2 | 2544.2 | 2538.9 |
| 37.5° | 2173.9 | 2152.6 | 2129.4 | 2111.6 | 2106.3 | 2102.7 | 2109.8 | 2115.1 | 2122.3 | 2125.8 | 2117.0 |
| 40° | 1844.6 | 1796.5 | 1744.8 | 1698.5 | 1666.5 | 1652.3 | 1646.9 | 1650.4 | 1650.4 | 1662.9 | 1662.9 |
| 42.5° | 1561.5 | 1486.6 | 1410.1 | 1340.7 | 1294.3 | 1258.8 | 1242.7 | 1242.7 | 1244.5 | 1253.4 | 1258.8 |
| 45° | 1326.4 | 1232.0 | 1143.0 | 1066.5 | 1002.4 | 956.1 | 934.7 | 929.4 | 927.6 | 931.1 | 943.6 |
| 47.5° | 1146.6 | 1048.7 | 956.1 | 861.7 | 794.1 | 747.8 | 728.2 | 721.0 | 713.9 | 721.0 | 722.9 |
| 50° | 1006.0 | 904.5 | 806.6 | 712.2 | 640.9 | 600.0 | 575.1 | 564.4 | 562.6 | 562.6 | 566.2 |
| 52.5° | 877.7 | 783.4 | 685.5 | 589.3 | 514.5 | 475.4 | 452.2 | 446.9 | 439.8 | 446.9 | 446.9 |
| 55° | 756.7 | 662.3 | 566.2 | 475.4 | 413.0 | 372.1 | 350.7 | 343.6 | 340.0 | 345.4 | 345.4 |
| 57.5° | 625.0 | 544.8 | 455.8 | 373.9 | 311.6 | 283.1 | 267.0 | 258.2 | 256.3 | 259.9 | 256.3 |
| 60° | 512.8 | 445.1 | 368.5 | 293.8 | 245.7 | 215.5 | 203.0 | 199.4 | 195.8 | 199.4 | 199.4 |
| 62.5° | 405.9 | 349.0 | 286.6 | 229.7 | 188.7 | 167.4 | 153.1 | 153.1 | 151.3 | 151.3 | 153.1 |
| 65° | 300.9 | 256.3 | 211.9 | 163.8 | 131.8 | 115.7 | 105.0 | 105.0 | 103.3 | 105.0 | 103.3 |
| 67.5° | 219.0 | 188.7 | 153.1 | 119.3 | 94.4 | 85.4 | 78.3 | 73.0 | 76.6 | 73.0 | 71.2 |
| 70° | 160.3 | 135.3 | 110.4 | 90.8 | 73.0 | 64.1 | 58.8 | 56.9 | 53.4 | 53.4 | 53.4 |
| 72.5° | 106.8 | 90.8 | 74.7 | 58.8 | 48.1 | 39.1 | 37.4 | 33.9 | 30.3 | 32.0 | 35.6 |
| 75° | 71.2 | 60.5 | 53.4 | 42.7 | 32.0 | 32.0 | 21.4 | 21.4 | 17.8 | 21.4 | 16.0 |
| 77.5° | 49.8 | 41.0 | 32.0 | 26.7 | 21.4 | 19.6 | 14.2 | 14.2 | 12.5 | 12.5 | 12.5 |
| 80° | 35.6 | 30.3 | 23.2 | 19.6 | 14.2 | 14.2 | 12.5 | 10.7 | 8.9 | 8.9 | 10.7 |
| 82.5° | 21.4 | 16.0 | 16.0 | 14.2 | 8.9 | 7.1 | 5.3 | 7.1 | 3.6 | 3.6 | 3.6 |
| 85° | 12.5 | 10.7 | 8.9 | 5.3 | 3.6 | 3.6 | 1.8 | 0.0 | 1.8 | 1.8 | 0.0 |
| 87.5° | 7.1 | 3.6 | 3.6 | 1.8 | 0.0 | 1.8 | 1.8 | 0.0 | 0.0 | 0.0 | 3.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3667.7 | 3665.9 | 3669.5 | 3669.5 | 3680.2 | 3678.3 | 3683.7 | 3683.7 | 3680.2 | 3681.9 | 3689.0 |
| 5° | 3680.2 | 3685.5 | 3696.1 | 3705.1 | 3721.1 | 3728.2 | 3737.1 | 3746.1 | 3747.8 | 3753.2 | 3758.5 |
| 7.5° | 3680.2 | 3698.0 | 3710.4 | 3726.4 | 3747.8 | 3760.3 | 3779.8 | 3795.9 | 3803.0 | 3811.9 | 3822.6 |
| 10° | 3673.0 | 3690.8 | 3714.0 | 3731.8 | 3758.5 | 3778.1 | 3797.6 | 3822.6 | 3833.3 | 3847.5 | 3861.8 |
| 12.5° | 3658.8 | 3678.3 | 3703.3 | 3726.4 | 3756.7 | 3774.5 | 3799.4 | 3822.6 | 3838.6 | 3858.2 | 3874.2 |
| 15° | 3637.4 | 3660.5 | 3683.7 | 3706.8 | 3738.9 | 3760.3 | 3783.4 | 3810.1 | 3826.1 | 3847.5 | 3861.8 |
| 17.5° | 3603.6 | 3628.5 | 3649.9 | 3671.2 | 3701.5 | 3726.4 | 3747.8 | 3772.7 | 3788.8 | 3806.6 | 3826.1 |
| 20° | 3562.6 | 3585.8 | 3608.9 | 3626.7 | 3657.0 | 3678.3 | 3701.5 | 3724.7 | 3737.1 | 3740.7 | 3771.0 |
| 22.5° | 3511.0 | 3527.0 | 3544.8 | 3573.3 | 3591.1 | 3610.7 | 3632.1 | 3653.4 | 3665.9 | 3685.5 | 3696.1 |
| 25° | 3425.5 | 3441.6 | 3461.1 | 3473.6 | 3495.0 | 3511.0 | 3532.4 | 3555.5 | 3562.6 | 3576.9 | 3587.5 |
| 27.5° | 3306.3 | 3315.1 | 3324.1 | 3334.7 | 3347.2 | 3356.1 | 3368.6 | 3379.3 | 3386.4 | 3393.5 | 3400.6 |
| 30° | 3117.5 | 3117.5 | 3117.5 | 3110.4 | 3115.7 | 3121.1 | 3122.8 | 3121.1 | 3121.1 | 3119.3 | 3119.3 |
| 32.5° | 2868.3 | 2854.0 | 2838.0 | 2823.8 | 2818.4 | 2811.3 | 2807.7 | 2802.4 | 2793.5 | 2788.2 | 2789.9 |
| 35° | 2531.7 | 2499.7 | 2480.1 | 2462.3 | 2448.1 | 2437.4 | 2432.1 | 2426.7 | 2425.0 | 2417.9 | 2410.7 |
| 37.5° | 2111.6 | 2088.4 | 2074.2 | 2063.5 | 2051.1 | 2040.4 | 2042.1 | 2044.0 | 2049.2 | 2045.7 | 2047.5 |
| 40° | 1666.5 | 1661.1 | 1666.5 | 1654.0 | 1650.4 | 1654.0 | 1662.9 | 1675.4 | 1682.5 | 1689.6 | 1702.1 |
| 42.5° | 1267.7 | 1276.5 | 1289.1 | 1289.1 | 1294.3 | 1301.5 | 1312.1 | 1331.8 | 1342.4 | 1354.9 | 1369.2 |
| 45° | 954.3 | 965.0 | 981.1 | 986.3 | 989.9 | 998.8 | 1011.3 | 1027.3 | 1034.4 | 1045.1 | 1057.6 |
| 47.5° | 735.3 | 742.4 | 751.3 | 760.2 | 769.1 | 772.7 | 785.2 | 785.2 | 794.1 | 801.2 | 804.7 |
| 50° | 573.3 | 580.4 | 587.5 | 592.9 | 596.5 | 601.8 | 605.3 | 610.7 | 612.4 | 616.0 | 617.8 |
| 52.5° | 448.6 | 457.6 | 457.6 | 461.1 | 466.5 | 471.8 | 470.0 | 471.8 | 473.6 | 473.6 | 478.9 |
| 55° | 350.7 | 350.7 | 356.1 | 356.1 | 359.7 | 357.8 | 359.7 | 359.7 | 359.7 | 359.7 | 361.4 |
| 57.5° | 261.7 | 263.5 | 268.9 | 265.3 | 263.5 | 267.0 | 263.5 | 267.0 | 265.3 | 268.9 | 263.5 |
| 60° | 201.2 | 201.2 | 203.0 | 203.0 | 204.8 | 204.8 | 204.8 | 203.0 | 203.0 | 201.2 | 201.2 |
| 62.5° | 151.3 | 153.1 | 154.9 | 153.1 | 153.1 | 153.1 | 151.3 | 151.3 | 149.6 | 147.7 | 147.7 |
| 65° | 101.5 | 99.7 | 103.3 | 99.7 | 101.5 | 101.5 | 99.7 | 101.5 | 96.1 | 97.9 | 96.1 |
| 67.5° | 73.0 | 71.2 | 69.5 | 71.2 | 69.5 | 67.6 | 67.6 | 69.5 | 71.2 | 65.9 | 65.9 |
| 70° | 48.1 | 49.8 | 48.1 | 49.8 | 51.7 | 51.7 | 49.8 | 48.1 | 49.8 | 46.3 | 48.1 |
| 72.5° | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 32.0 | 32.0 | 32.0 | 28.5 | 28.5 | 26.7 |
| 75° | 14.2 | 19.6 | 16.0 | 14.2 | 19.6 | 19.6 | 17.8 | 17.8 | 16.0 | 16.0 | 16.0 |
| 77.5° | 14.2 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 8.9 | 10.7 | 8.9 |
| 80° | 7.1 | 7.1 | 7.1 | 5.3 | 7.1 | 7.1 | 8.9 | 7.1 | 7.1 | 5.3 | 8.9 |
| 82.5° | 3.6 | 3.6 | 3.6 | 0.0 | 1.8 | 3.6 | 3.6 | 1.8 | 3.6 | 3.6 | 1.8 |
| 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: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3687.3 | 3685.5 | 3687.3 | 3689.0 | 3687.3 | 3685.5 | 3687.3 | 3689.0 | 3681.9 | 3680.2 | 3683.7 |
| 5° | 3765.6 | 3765.6 | 3769.1 | 3771.0 | 3769.1 | 3765.6 | 3765.6 | 3758.5 | 3753.2 | 3747.8 | 3746.1 |
| 7.5° | 3833.3 | 3836.8 | 3840.4 | 3842.1 | 3840.4 | 3836.8 | 3833.3 | 3822.6 | 3811.9 | 3803.0 | 3795.9 |
| 10° | 3874.2 | 3879.6 | 3886.7 | 3890.2 | 3886.7 | 3879.6 | 3874.2 | 3861.8 | 3847.5 | 3833.3 | 3822.6 |
| 12.5° | 3892.0 | 3897.4 | 3906.2 | 3904.5 | 3906.2 | 3897.4 | 3892.0 | 3874.2 | 3858.2 | 3838.6 | 3822.6 |
| 15° | 3879.6 | 3886.7 | 3895.5 | 3899.1 | 3895.5 | 3886.7 | 3879.6 | 3861.8 | 3847.5 | 3826.1 | 3810.1 |
| 17.5° | 3840.4 | 3851.1 | 3856.4 | 3861.8 | 3856.4 | 3851.1 | 3840.4 | 3826.1 | 3806.6 | 3788.8 | 3772.7 |
| 20° | 3786.9 | 3794.1 | 3801.2 | 3803.0 | 3801.2 | 3794.1 | 3786.9 | 3771.0 | 3740.7 | 3737.1 | 3724.7 |
| 22.5° | 3710.4 | 3715.8 | 3731.8 | 3726.4 | 3731.8 | 3715.8 | 3710.4 | 3696.1 | 3685.5 | 3665.9 | 3653.4 |
| 25° | 3600.0 | 3605.3 | 3607.2 | 3608.9 | 3607.2 | 3605.3 | 3600.0 | 3587.5 | 3576.9 | 3562.6 | 3555.5 |
| 27.5° | 3409.5 | 3409.5 | 3413.0 | 3414.9 | 3413.0 | 3409.5 | 3409.5 | 3400.6 | 3393.5 | 3386.4 | 3379.3 |
| 30° | 3121.1 | 3121.1 | 3121.1 | 3130.0 | 3121.1 | 3121.1 | 3121.1 | 3119.3 | 3119.3 | 3121.1 | 3121.1 |
| 32.5° | 2788.2 | 2784.6 | 2781.0 | 2784.6 | 2781.0 | 2784.6 | 2788.2 | 2789.9 | 2788.2 | 2793.5 | 2802.4 |
| 35° | 2410.7 | 2408.9 | 2414.3 | 2407.2 | 2414.3 | 2408.9 | 2410.7 | 2410.7 | 2417.9 | 2425.0 | 2426.7 |
| 37.5° | 2049.2 | 2045.7 | 2052.8 | 2045.7 | 2052.8 | 2045.7 | 2049.2 | 2047.5 | 2045.7 | 2049.2 | 2044.0 |
| 40° | 1705.7 | 1709.2 | 1709.2 | 1723.5 | 1709.2 | 1709.2 | 1705.7 | 1702.1 | 1689.6 | 1682.5 | 1675.4 |
| 42.5° | 1376.3 | 1387.0 | 1383.4 | 1394.1 | 1383.4 | 1387.0 | 1376.3 | 1369.2 | 1354.9 | 1342.4 | 1331.8 |
| 45° | 1064.7 | 1071.8 | 1071.8 | 1075.4 | 1071.8 | 1071.8 | 1064.7 | 1057.6 | 1045.1 | 1034.4 | 1027.3 |
| 47.5° | 817.2 | 817.2 | 817.2 | 819.0 | 817.2 | 817.2 | 817.2 | 804.7 | 801.2 | 794.1 | 785.2 |
| 50° | 621.4 | 623.1 | 625.0 | 626.7 | 625.0 | 623.1 | 621.4 | 617.8 | 616.0 | 612.4 | 610.7 |
| 52.5° | 477.2 | 478.9 | 475.4 | 478.9 | 475.4 | 478.9 | 477.2 | 478.9 | 473.6 | 473.6 | 471.8 |
| 55° | 361.4 | 359.7 | 361.4 | 363.2 | 361.4 | 359.7 | 361.4 | 361.4 | 359.7 | 359.7 | 359.7 |
| 57.5° | 265.3 | 261.7 | 261.7 | 261.7 | 261.7 | 261.7 | 265.3 | 263.5 | 268.9 | 265.3 | 267.0 |
| 60° | 197.6 | 199.4 | 199.4 | 201.2 | 199.4 | 199.4 | 197.6 | 201.2 | 201.2 | 203.0 | 203.0 |
| 62.5° | 146.0 | 151.3 | 147.7 | 151.3 | 147.7 | 151.3 | 146.0 | 147.7 | 147.7 | 149.6 | 151.3 |
| 65° | 94.4 | 94.4 | 94.4 | 96.1 | 94.4 | 94.4 | 94.4 | 96.1 | 97.9 | 96.1 | 101.5 |
| 67.5° | 64.1 | 65.9 | 69.5 | 67.6 | 69.5 | 65.9 | 64.1 | 65.9 | 65.9 | 71.2 | 69.5 |
| 70° | 51.7 | 46.3 | 46.3 | 51.7 | 46.3 | 46.3 | 51.7 | 48.1 | 46.3 | 49.8 | 48.1 |
| 72.5° | 30.3 | 26.7 | 30.3 | 30.3 | 30.3 | 26.7 | 30.3 | 26.7 | 28.5 | 28.5 | 32.0 |
| 75° | 16.0 | 14.2 | 12.5 | 17.8 | 12.5 | 14.2 | 16.0 | 16.0 | 16.0 | 16.0 | 17.8 |
| 77.5° | 10.7 | 8.9 | 12.5 | 12.5 | 12.5 | 8.9 | 10.7 | 8.9 | 10.7 | 8.9 | 10.7 |
| 80° | 5.3 | 7.1 | 5.3 | 8.9 | 5.3 | 7.1 | 5.3 | 8.9 | 5.3 | 7.1 | 7.1 |
| 82.5° | 1.8 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 3.6 | 3.6 | 1.8 |
| 85° | 0.0 | 3.6 | 1.8 | 1.8 | 1.8 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.8 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.8 | 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: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3683.7 | 3678.3 | 3680.2 | 3669.5 | 3669.5 | 3665.9 | 3667.7 | 3658.8 | 3655.3 | 3651.7 | 3657.0 |
| 5° | 3737.1 | 3728.2 | 3721.1 | 3705.1 | 3696.1 | 3685.5 | 3680.2 | 3665.9 | 3653.4 | 3642.7 | 3641.0 |
| 7.5° | 3779.8 | 3760.3 | 3747.8 | 3726.4 | 3710.4 | 3698.0 | 3680.2 | 3660.5 | 3644.6 | 3630.3 | 3619.6 |
| 10° | 3797.6 | 3778.1 | 3758.5 | 3731.8 | 3714.0 | 3690.8 | 3673.0 | 3648.1 | 3626.7 | 3607.2 | 3594.6 |
| 12.5° | 3799.4 | 3774.5 | 3756.7 | 3726.4 | 3703.3 | 3678.3 | 3658.8 | 3630.3 | 3605.3 | 3585.8 | 3566.2 |
| 15° | 3783.4 | 3760.3 | 3738.9 | 3706.8 | 3683.7 | 3660.5 | 3637.4 | 3607.2 | 3584.0 | 3560.9 | 3546.6 |
| 17.5° | 3747.8 | 3726.4 | 3701.5 | 3671.2 | 3649.9 | 3628.5 | 3603.6 | 3578.7 | 3551.9 | 3527.0 | 3509.2 |
| 20° | 3701.5 | 3678.3 | 3657.0 | 3626.7 | 3608.9 | 3585.8 | 3562.6 | 3535.9 | 3514.5 | 3489.6 | 3470.1 |
| 22.5° | 3632.1 | 3610.7 | 3591.1 | 3573.3 | 3544.8 | 3527.0 | 3511.0 | 3480.8 | 3459.4 | 3436.2 | 3414.9 |
| 25° | 3532.4 | 3511.0 | 3495.0 | 3473.6 | 3461.1 | 3441.6 | 3425.5 | 3398.8 | 3379.3 | 3357.9 | 3340.1 |
| 27.5° | 3368.6 | 3356.1 | 3347.2 | 3334.7 | 3324.1 | 3315.1 | 3306.3 | 3284.9 | 3270.7 | 3251.1 | 3233.3 |
| 30° | 3122.8 | 3121.1 | 3115.7 | 3110.4 | 3117.5 | 3117.5 | 3117.5 | 3114.0 | 3101.5 | 3087.2 | 3074.8 |
| 32.5° | 2807.7 | 2811.3 | 2818.4 | 2823.8 | 2838.0 | 2854.0 | 2868.3 | 2875.4 | 2875.4 | 2866.5 | 2861.1 |
| 35° | 2432.1 | 2437.4 | 2448.1 | 2462.3 | 2480.1 | 2499.7 | 2531.7 | 2538.9 | 2544.2 | 2544.2 | 2537.1 |
| 37.5° | 2042.1 | 2040.4 | 2051.1 | 2063.5 | 2074.2 | 2088.4 | 2111.6 | 2117.0 | 2125.8 | 2122.3 | 2115.1 |
| 40° | 1662.9 | 1654.0 | 1650.4 | 1654.0 | 1666.5 | 1661.1 | 1666.5 | 1662.9 | 1662.9 | 1650.4 | 1650.4 |
| 42.5° | 1312.1 | 1301.5 | 1294.3 | 1289.1 | 1289.1 | 1276.5 | 1267.7 | 1258.8 | 1253.4 | 1244.5 | 1242.7 |
| 45° | 1011.3 | 998.8 | 989.9 | 986.3 | 981.1 | 965.0 | 954.3 | 943.6 | 931.1 | 927.6 | 929.4 |
| 47.5° | 785.2 | 772.7 | 769.1 | 760.2 | 751.3 | 742.4 | 735.3 | 722.9 | 721.0 | 713.9 | 721.0 |
| 50° | 605.3 | 601.8 | 596.5 | 592.9 | 587.5 | 580.4 | 573.3 | 566.2 | 562.6 | 562.6 | 564.4 |
| 52.5° | 470.0 | 471.8 | 466.5 | 461.1 | 457.6 | 457.6 | 448.6 | 446.9 | 446.9 | 439.8 | 446.9 |
| 55° | 359.7 | 357.8 | 359.7 | 356.1 | 356.1 | 350.7 | 350.7 | 345.4 | 345.4 | 340.0 | 343.6 |
| 57.5° | 263.5 | 267.0 | 263.5 | 265.3 | 268.9 | 263.5 | 261.7 | 256.3 | 259.9 | 256.3 | 258.2 |
| 60° | 204.8 | 204.8 | 204.8 | 203.0 | 203.0 | 201.2 | 201.2 | 199.4 | 199.4 | 195.8 | 199.4 |
| 62.5° | 151.3 | 153.1 | 153.1 | 153.1 | 154.9 | 153.1 | 151.3 | 153.1 | 151.3 | 151.3 | 153.1 |
| 65° | 99.7 | 101.5 | 101.5 | 99.7 | 103.3 | 99.7 | 101.5 | 103.3 | 105.0 | 103.3 | 105.0 |
| 67.5° | 67.6 | 67.6 | 69.5 | 71.2 | 69.5 | 71.2 | 73.0 | 71.2 | 73.0 | 76.6 | 73.0 |
| 70° | 49.8 | 51.7 | 51.7 | 49.8 | 48.1 | 49.8 | 48.1 | 53.4 | 53.4 | 53.4 | 56.9 |
| 72.5° | 32.0 | 32.0 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 35.6 | 32.0 | 30.3 | 33.9 |
| 75° | 17.8 | 19.6 | 19.6 | 14.2 | 16.0 | 19.6 | 14.2 | 16.0 | 21.4 | 17.8 | 21.4 |
| 77.5° | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 14.2 | 12.5 | 12.5 | 12.5 | 14.2 |
| 80° | 8.9 | 7.1 | 7.1 | 5.3 | 7.1 | 7.1 | 7.1 | 10.7 | 8.9 | 8.9 | 10.7 |
| 82.5° | 3.6 | 3.6 | 1.8 | 0.0 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 7.1 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 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: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3642.7 | 3642.7 | 3641.0 | 3637.4 | 3630.3 | 3630.3 | 3628.5 | 3623.2 | 3619.6 | 3617.8 | 3617.8 |
| 5° | 3624.9 | 3617.8 | 3610.7 | 3591.1 | 3591.1 | 3587.5 | 3576.9 | 3569.7 | 3566.2 | 3557.3 | 3553.8 |
| 7.5° | 3608.9 | 3587.5 | 3575.1 | 3562.6 | 3546.6 | 3539.5 | 3527.0 | 3521.7 | 3509.2 | 3500.3 | 3495.0 |
| 10° | 3569.7 | 3555.5 | 3539.5 | 3519.9 | 3507.4 | 3493.2 | 3478.9 | 3468.3 | 3452.3 | 3443.3 | 3436.2 |
| 12.5° | 3543.1 | 3521.7 | 3507.4 | 3486.0 | 3464.7 | 3452.3 | 3432.7 | 3420.2 | 3404.2 | 3386.4 | 3375.7 |
| 15° | 3518.1 | 3495.0 | 3475.4 | 3452.3 | 3429.1 | 3414.9 | 3391.7 | 3377.5 | 3354.3 | 3336.5 | 3324.1 |
| 17.5° | 3480.8 | 3461.1 | 3439.8 | 3411.3 | 3390.0 | 3372.2 | 3347.2 | 3329.4 | 3308.0 | 3284.9 | 3272.4 |
| 20° | 3441.6 | 3418.4 | 3397.1 | 3368.6 | 3347.2 | 3325.8 | 3300.9 | 3281.4 | 3256.4 | 3235.0 | 3220.8 |
| 22.5° | 3390.0 | 3363.2 | 3345.4 | 3316.9 | 3292.0 | 3268.9 | 3245.7 | 3222.6 | 3199.4 | 3181.6 | 3165.6 |
| 25° | 3315.1 | 3286.6 | 3267.1 | 3243.9 | 3220.8 | 3203.0 | 3174.5 | 3160.3 | 3137.1 | 3121.1 | 3105.0 |
| 27.5° | 3208.3 | 3187.0 | 3169.2 | 3146.0 | 3126.4 | 3112.2 | 3090.8 | 3076.6 | 3057.0 | 3042.7 | 3030.3 |
| 30° | 3051.7 | 3033.9 | 3017.8 | 2994.7 | 2980.5 | 2968.0 | 2948.4 | 2935.9 | 2921.7 | 2905.6 | 2902.1 |
| 32.5° | 2841.6 | 2827.3 | 2811.3 | 2795.3 | 2784.6 | 2777.5 | 2761.4 | 2754.3 | 2740.1 | 2731.1 | 2722.3 |
| 35° | 2524.6 | 2512.2 | 2503.3 | 2496.2 | 2492.6 | 2494.4 | 2490.8 | 2498.0 | 2501.5 | 2499.7 | 2501.5 |
| 37.5° | 2109.8 | 2102.7 | 2106.3 | 2111.6 | 2129.4 | 2152.6 | 2173.9 | 2205.9 | 2227.3 | 2248.7 | 2268.3 |
| 40° | 1646.9 | 1652.3 | 1666.5 | 1698.5 | 1744.8 | 1796.5 | 1844.6 | 1905.1 | 1965.6 | 2008.3 | 2047.5 |
| 42.5° | 1242.7 | 1258.8 | 1294.3 | 1340.7 | 1410.1 | 1486.6 | 1561.5 | 1650.4 | 1723.5 | 1794.6 | 1844.6 |
| 45° | 934.7 | 956.1 | 1002.4 | 1066.5 | 1143.0 | 1232.0 | 1326.4 | 1426.1 | 1513.4 | 1586.4 | 1641.6 |
| 47.5° | 728.2 | 747.8 | 794.1 | 861.7 | 956.1 | 1048.7 | 1146.6 | 1249.9 | 1340.7 | 1411.9 | 1460.0 |
| 50° | 575.1 | 600.0 | 640.9 | 712.2 | 806.6 | 904.5 | 1006.0 | 1107.4 | 1192.9 | 1253.4 | 1296.2 |
| 52.5° | 452.2 | 475.4 | 514.5 | 589.3 | 685.5 | 783.4 | 877.7 | 977.5 | 1052.2 | 1111.0 | 1139.5 |
| 55° | 350.7 | 372.1 | 413.0 | 475.4 | 566.2 | 662.3 | 756.7 | 842.2 | 911.6 | 954.3 | 981.1 |
| 57.5° | 267.0 | 283.1 | 311.6 | 373.9 | 455.8 | 544.8 | 625.0 | 710.4 | 763.8 | 794.1 | 811.8 |
| 60° | 203.0 | 215.5 | 245.7 | 293.8 | 368.5 | 445.1 | 512.8 | 576.9 | 619.6 | 644.5 | 662.3 |
| 62.5° | 153.1 | 167.4 | 188.7 | 229.7 | 286.6 | 349.0 | 405.9 | 454.0 | 489.6 | 505.7 | 518.1 |
| 65° | 105.0 | 115.7 | 131.8 | 163.8 | 211.9 | 256.3 | 300.9 | 336.5 | 359.7 | 377.5 | 384.6 |
| 67.5° | 78.3 | 85.4 | 94.4 | 119.3 | 153.1 | 188.7 | 219.0 | 243.9 | 268.9 | 276.0 | 288.4 |
| 70° | 58.8 | 64.1 | 73.0 | 90.8 | 110.4 | 135.3 | 160.3 | 174.5 | 192.3 | 204.8 | 208.3 |
| 72.5° | 37.4 | 39.1 | 48.1 | 58.8 | 74.7 | 90.8 | 106.8 | 119.3 | 130.0 | 137.1 | 140.6 |
| 75° | 21.4 | 32.0 | 32.0 | 42.7 | 53.4 | 60.5 | 71.2 | 80.1 | 85.4 | 90.8 | 90.8 |
| 77.5° | 14.2 | 19.6 | 21.4 | 26.7 | 32.0 | 41.0 | 49.8 | 55.2 | 60.5 | 62.3 | 62.3 |
| 80° | 12.5 | 14.2 | 14.2 | 19.6 | 23.2 | 30.3 | 35.6 | 37.4 | 41.0 | 42.7 | 46.3 |
| 82.5° | 5.3 | 7.1 | 8.9 | 14.2 | 16.0 | 16.0 | 21.4 | 23.2 | 26.7 | 28.5 | 28.5 |
| 85° | 1.8 | 3.6 | 3.6 | 5.3 | 8.9 | 10.7 | 12.5 | 14.2 | 16.0 | 16.0 | 17.8 |
| 87.5° | 1.8 | 1.8 | 0.0 | 1.8 | 3.6 | 3.6 | 7.1 | 7.1 | 7.1 | 10.7 | 10.7 |
| 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: P248677

CATALOG NUMBER: LD8B60D010 ER8B60840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 | 3646.3 |
| 2.5° | 3614.3 | 3616.0 | 3608.9 | 3607.2 | 3603.6 | 3605.3 | 3608.9 |
| 5° | 3548.4 | 3550.2 | 3543.1 | 3535.9 | 3535.9 | 3534.1 | 3535.9 |
| 7.5° | 3486.0 | 3487.9 | 3477.2 | 3473.6 | 3466.5 | 3468.3 | 3468.3 |
| 10° | 3423.7 | 3423.7 | 3407.8 | 3405.9 | 3400.6 | 3398.8 | 3398.8 |
| 12.5° | 3363.2 | 3357.9 | 3345.4 | 3338.3 | 3341.9 | 3331.2 | 3331.2 |
| 15° | 3309.8 | 3300.9 | 3284.9 | 3279.5 | 3270.7 | 3267.1 | 3267.1 |
| 17.5° | 3254.6 | 3247.5 | 3233.3 | 3222.6 | 3211.9 | 3210.1 | 3211.9 |
| 20° | 3201.2 | 3194.1 | 3176.3 | 3169.2 | 3160.3 | 3160.3 | 3156.7 |
| 22.5° | 3147.8 | 3140.7 | 3124.7 | 3119.3 | 3106.9 | 3106.9 | 3108.6 |
| 25° | 3092.6 | 3087.2 | 3069.4 | 3065.9 | 3064.1 | 3057.0 | 3060.6 |
| 27.5° | 3017.8 | 3014.2 | 3000.0 | 2994.7 | 2987.6 | 2985.8 | 2989.3 |
| 30° | 2880.7 | 2875.4 | 2864.7 | 2859.4 | 2846.9 | 2848.7 | 2852.2 |
| 32.5° | 2709.8 | 2702.7 | 2688.4 | 2683.1 | 2672.4 | 2668.9 | 2670.6 |
| 35° | 2496.2 | 2490.8 | 2478.4 | 2478.4 | 2467.7 | 2464.1 | 2467.7 |
| 37.5° | 2279.0 | 2284.3 | 2279.0 | 2284.3 | 2279.0 | 2277.1 | 2279.0 |
| 40° | 2074.2 | 2093.8 | 2097.3 | 2117.0 | 2109.8 | 2120.5 | 2118.7 |
| 42.5° | 1878.3 | 1910.4 | 1922.9 | 1938.9 | 1935.4 | 1942.5 | 1947.8 |
| 45° | 1680.7 | 1707.4 | 1719.9 | 1730.6 | 1732.4 | 1735.9 | 1737.7 |
| 47.5° | 1493.7 | 1515.1 | 1516.9 | 1529.4 | 1527.6 | 1527.6 | 1533.0 |
| 50° | 1319.3 | 1333.5 | 1337.1 | 1346.0 | 1338.9 | 1335.3 | 1337.1 |
| 52.5° | 1157.3 | 1171.5 | 1167.9 | 1171.5 | 1162.6 | 1159.1 | 1160.8 |
| 55° | 991.7 | 998.8 | 998.8 | 998.8 | 988.2 | 988.2 | 988.2 |
| 57.5° | 822.5 | 824.4 | 820.8 | 822.5 | 820.8 | 810.1 | 808.3 |
| 60° | 667.7 | 667.7 | 665.9 | 667.7 | 662.3 | 657.0 | 657.0 |
| 62.5° | 521.6 | 525.2 | 532.3 | 525.2 | 521.6 | 525.2 | 519.9 |
| 65° | 389.9 | 397.1 | 395.2 | 398.8 | 397.1 | 397.1 | 393.5 |
| 67.5° | 293.8 | 295.6 | 297.3 | 299.1 | 299.1 | 299.1 | 299.1 |
| 70° | 215.5 | 220.8 | 219.0 | 219.0 | 219.0 | 219.0 | 229.7 |
| 72.5° | 144.2 | 151.3 | 149.6 | 153.1 | 153.1 | 156.7 | 153.1 |
| 75° | 97.9 | 105.0 | 101.5 | 106.8 | 105.0 | 101.5 | 110.4 |
| 77.5° | 65.9 | 69.5 | 71.2 | 73.0 | 71.2 | 69.5 | 71.2 |
| 80° | 46.3 | 49.8 | 48.1 | 49.8 | 49.8 | 49.8 | 51.7 |
| 82.5° | 28.5 | 33.9 | 32.0 | 33.9 | 32.0 | 33.9 | 33.9 |
| 85° | 19.6 | 21.4 | 17.8 | 21.4 | 19.6 | 19.6 | 23.2 |
| 87.5° | 12.5 | 10.7 | 10.7 | 12.5 | 10.7 | 12.5 | 10.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)