

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P212852

Luminaire Tested: **LD6B60D010TE EU6B60708050 6LBSWLI1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P212852  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29203)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: LD6B60D010TE EU6B60708050 6LBSWL11  
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 5000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5907.6 lumens  
Efficiency: N/A  
Efficacy: 94.6 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

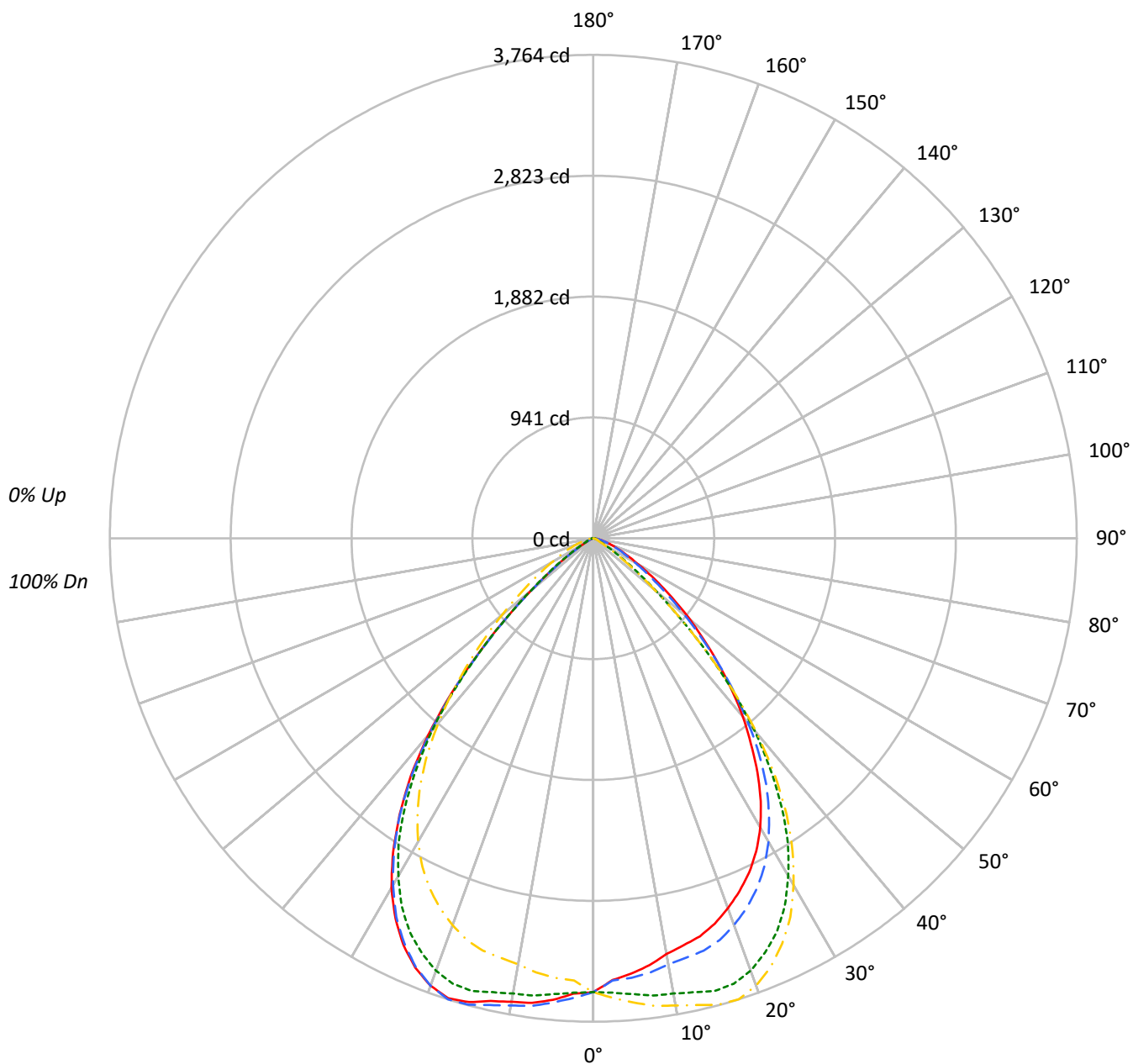
Input Watts (W): 62.48  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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  |     |     |     |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 98  | 99  | 97  | 96  | 95  | 94  | 93  | 91  |    |    |
| 2   | 105 | 99  | 94  | 90  | 103 | 97  | 93  | 89  | 94  | 90  | 87  | 91  | 88  | 85  | 88  | 86  | 84  | 82  |    |    |
| 3   | 98  | 91  | 84  | 80  | 96  | 89  | 84  | 79  | 86  | 82  | 78  | 84  | 80  | 76  | 81  | 78  | 75  | 73  |    |    |
| 4   | 92  | 83  | 76  | 71  | 90  | 82  | 75  | 70  | 79  | 74  | 70  | 77  | 73  | 69  | 75  | 71  | 68  | 66  |    |    |
| 5   | 86  | 76  | 69  | 64  | 84  | 75  | 68  | 63  | 73  | 67  | 63  | 71  | 66  | 62  | 70  | 65  | 62  | 60  |    |    |
| 6   | 81  | 70  | 63  | 57  | 79  | 69  | 62  | 57  | 67  | 61  | 57  | 66  | 60  | 56  | 64  | 60  | 56  | 54  |    |    |
| 7   | 76  | 64  | 57  | 52  | 74  | 64  | 57  | 52  | 62  | 56  | 52  | 61  | 56  | 51  | 60  | 55  | 51  | 49  |    |    |
| 8   | 71  | 60  | 53  | 48  | 70  | 59  | 52  | 48  | 58  | 52  | 47  | 57  | 51  | 47  | 56  | 51  | 47  | 45  |    |    |
| 9   | 67  | 55  | 48  | 44  | 66  | 55  | 48  | 44  | 54  | 48  | 43  | 53  | 47  | 43  | 52  | 47  | 43  | 42  |    |    |
| 10  | 63  | 52  | 45  | 40  | 62  | 51  | 45  | 40  | 50  | 44  | 40  | 49  | 44  | 40  | 49  | 43  | 40  | 38  |    |    |

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

|     | 0°     | 90°    | 180°   | 270°   |
|-----|--------|--------|--------|--------|
| 0°  | 193702 | 193702 | 193702 | 193702 |
| 5°  | 187200 | 196026 | 198514 | 196026 |
| 10° | 182951 | 200353 | 204015 | 200353 |
| 15° | 182090 | 207073 | 212209 | 207073 |
| 20° | 178778 | 209015 | 216214 | 209015 |
| 25° | 173665 | 204520 | 211488 | 204520 |
| 30° | 164563 | 192162 | 198929 | 192162 |
| 35° | 149205 | 171223 | 175907 | 171223 |
| 40° | 129521 | 139526 | 143061 | 139526 |
| 45° | 106197 | 96305  | 96948  | 96305  |
| 50° | 83494  | 54028  | 52971  | 54028  |
| 55° | 61723  | 26733  | 23980  | 26733  |
| 60° | 43746  | 11721  | 8574   | 11721  |
| 65° | 32546  | 7472   | 5331   | 7472   |
| 70° | 23738  | 5930   | 3959   | 5930   |
| 75° | 17432  | 4363   | 2605   | 4363   |
| 80° | 11681  | 3883   | 1294   | 3883   |
| 85° | 7737   | 2579   | 2579   | 2579   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 338.3  | 5.7       |
| 10°-20°   | 1001.8 | 17.0      |
| 20°-30°   | 1495.0 | 25.3      |
| 30°-40°   | 1536.0 | 26.0      |
| 40°-50°   | 994.7  | 16.8      |
| 50°-60°   | 369.9  | 6.3       |
| 60°-70°   | 121.4  | 2.1       |
| 70°-80°   | 42.8   | 0.7       |
| 80°-90°   | 7.7    | 0.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 2835.1 | 48.0      |
| 0°-40°    | 4371.2 | 74.0      |
| 0°-60°    | 5735.7 | 97.1      |
| 0°-90°    | 5907.6 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5907.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3533 | 3533 | 3533 | 3533 | 3533 |      |
| 5°  | 3402 | 3562 | 3607 | 3562 | 3402 | 321  |
| 15° | 3208 | 3649 | 3739 | 3649 | 3208 | 902  |
| 25° | 2871 | 3381 | 3496 | 3381 | 2871 | 1316 |
| 35° | 2230 | 2558 | 2628 | 2558 | 2230 | 1384 |
| 45° | 1370 | 1242 | 1250 | 1242 | 1370 | 1059 |
| 55° | 646  | 280  | 251  | 280  | 646  | 589  |
| 65° | 251  | 58   | 41   | 58   | 251  | 255  |
| 75° | 82   | 21   | 12   | 21   | 82   | 90   |
| 85° | 12   | 4    | 4    | 4    | 12   | 16   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3442.9 | 3492.3 | 3459.4 | 3479.9 | 3447.0 | 3447.0 | 3512.8 | 3475.8 | 3504.6 | 3475.8 | 3447.0 |
| 5°    | 3401.8 | 3463.5 | 3422.3 | 3442.9 | 3414.1 | 3418.2 | 3479.9 | 3451.1 | 3479.9 | 3459.4 | 3434.7 |
| 7.5°  | 3352.4 | 3414.1 | 3377.1 | 3397.7 | 3368.9 | 3377.1 | 3442.9 | 3414.1 | 3447.0 | 3426.4 | 3410.0 |
| 10°   | 3286.6 | 3352.4 | 3319.5 | 3340.1 | 3315.4 | 3319.5 | 3385.3 | 3364.7 | 3393.5 | 3381.2 | 3368.9 |
| 12.5° | 3245.5 | 3307.2 | 3270.1 | 3290.7 | 3274.3 | 3282.5 | 3344.2 | 3327.7 | 3364.7 | 3352.4 | 3344.2 |
| 15°   | 3208.4 | 3266.0 | 3233.1 | 3253.7 | 3241.3 | 3245.5 | 3311.3 | 3294.8 | 3336.0 | 3327.7 | 3323.6 |
| 17.5° | 3146.7 | 3208.4 | 3171.4 | 3196.1 | 3183.8 | 3187.9 | 3253.7 | 3241.3 | 3282.5 | 3282.5 | 3278.4 |
| 20°   | 3064.5 | 3126.2 | 3097.4 | 3113.8 | 3105.6 | 3113.8 | 3171.4 | 3163.2 | 3204.3 | 3204.3 | 3204.3 |
| 22.5° | 2974.0 | 3035.7 | 3002.8 | 3019.2 | 3011.0 | 3023.3 | 3076.8 | 3076.8 | 3109.7 | 3113.8 | 3117.9 |
| 25°   | 2871.1 | 2932.8 | 2899.9 | 2920.5 | 2912.3 | 2920.5 | 2969.9 | 2974.0 | 3002.8 | 3002.8 | 3011.0 |
| 27.5° | 2747.7 | 2809.4 | 2776.5 | 2793.0 | 2788.9 | 2793.0 | 2846.5 | 2854.7 | 2871.1 | 2875.3 | 2883.5 |
| 30°   | 2599.7 | 2657.2 | 2624.3 | 2640.8 | 2640.8 | 2640.8 | 2694.3 | 2698.4 | 2714.8 | 2718.9 | 2727.2 |
| 32.5° | 2426.9 | 2476.3 | 2451.6 | 2468.0 | 2463.9 | 2472.1 | 2509.2 | 2525.6 | 2546.2 | 2542.1 | 2546.2 |
| 35°   | 2229.5 | 2282.9 | 2258.2 | 2270.6 | 2274.7 | 2287.0 | 2311.7 | 2332.3 | 2336.4 | 2340.5 | 2348.7 |
| 37.5° | 2015.6 | 2069.0 | 2044.4 | 2056.7 | 2060.8 | 2085.5 | 2093.7 | 2114.3 | 2122.5 | 2122.5 | 2122.5 |
| 40°   | 1809.9 | 1834.6 | 1814.0 | 1826.3 | 1830.5 | 1851.0 | 1859.2 | 1875.7 | 1883.9 | 1879.8 | 1875.7 |
| 42.5° | 1587.8 | 1608.3 | 1587.8 | 1600.1 | 1600.1 | 1616.6 | 1620.7 | 1641.2 | 1641.2 | 1633.0 | 1620.7 |
| 45°   | 1369.8 | 1390.3 | 1369.8 | 1378.0 | 1378.0 | 1394.4 | 1394.4 | 1394.4 | 1402.7 | 1390.3 | 1369.8 |
| 47.5° | 1164.1 | 1184.7 | 1164.1 | 1172.3 | 1168.2 | 1180.5 | 1176.4 | 1180.5 | 1168.2 | 1160.0 | 1135.3 |
| 50°   | 979.0  | 987.2  | 979.0  | 974.9  | 979.0  | 987.2  | 983.1  | 983.1  | 966.6  | 954.3  | 925.5  |
| 52.5° | 798.0  | 810.3  | 798.0  | 798.0  | 798.0  | 806.2  | 806.2  | 802.1  | 785.7  | 769.2  | 740.4  |
| 55°   | 645.8  | 654.0  | 649.9  | 645.8  | 645.8  | 654.0  | 645.8  | 645.8  | 629.3  | 617.0  | 588.2  |
| 57.5° | 514.2  | 518.3  | 514.2  | 514.2  | 514.2  | 518.3  | 518.3  | 510.1  | 497.7  | 485.4  | 464.8  |
| 60°   | 399.0  | 403.1  | 403.1  | 399.0  | 399.0  | 407.2  | 407.2  | 403.1  | 390.8  | 382.5  | 362.0  |
| 62.5° | 316.7  | 316.7  | 316.7  | 316.7  | 316.7  | 320.8  | 320.8  | 320.8  | 312.6  | 304.4  | 287.9  |
| 65°   | 250.9  | 255.0  | 250.9  | 250.9  | 255.0  | 259.1  | 255.0  | 259.1  | 250.9  | 246.8  | 234.5  |
| 67.5° | 193.3  | 197.4  | 193.3  | 197.4  | 197.4  | 201.6  | 197.4  | 201.6  | 193.3  | 189.2  | 181.0  |
| 70°   | 148.1  | 148.1  | 148.1  | 148.1  | 148.1  | 152.2  | 148.1  | 152.2  | 148.1  | 144.0  | 135.7  |
| 72.5° | 111.1  | 111.1  | 115.2  | 115.2  | 111.1  | 115.2  | 111.1  | 111.1  | 111.1  | 106.9  | 102.8  |
| 75°   | 82.3   | 82.3   | 86.4   | 82.3   | 82.3   | 82.3   | 82.3   | 82.3   | 78.2   | 78.2   | 74.0   |
| 77.5° | 57.6   | 57.6   | 57.6   | 57.6   | 57.6   | 57.6   | 57.6   | 57.6   | 53.5   | 53.5   | 49.4   |
| 80°   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   | 32.9   | 32.9   |
| 82.5° | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 20.6   | 20.6   |
| 85°   | 12.3   | 12.3   | 12.3   | 16.5   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 87.5° | 4.1    | 4.1    | 4.1    | 8.2    | 4.1    | 4.1    | 8.2    | 8.2    | 4.1    | 4.1    | 4.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3479.9 | 3492.3 | 3492.3 | 3479.9 | 3508.7 | 3484.0 | 3533.4 | 3488.1 | 3500.5 | 3541.6 | 3537.5 |
| 5°    | 3467.6 | 3484.0 | 3488.1 | 3479.9 | 3516.9 | 3496.4 | 3545.7 | 3500.5 | 3521.1 | 3562.2 | 3562.2 |
| 7.5°  | 3451.1 | 3471.7 | 3479.9 | 3488.1 | 3521.1 | 3500.5 | 3558.1 | 3512.8 | 3541.6 | 3591.0 | 3586.9 |
| 10°   | 3414.1 | 3442.9 | 3459.4 | 3471.7 | 3504.6 | 3492.3 | 3554.0 | 3516.9 | 3541.6 | 3599.2 | 3595.1 |
| 12.5° | 3393.5 | 3426.4 | 3451.1 | 3471.7 | 3508.7 | 3500.5 | 3562.2 | 3529.3 | 3562.2 | 3619.8 | 3619.8 |
| 15°   | 3377.1 | 3414.1 | 3442.9 | 3479.9 | 3516.9 | 3508.7 | 3574.5 | 3545.7 | 3578.6 | 3648.6 | 3644.5 |
| 17.5° | 3336.0 | 3381.2 | 3410.0 | 3451.1 | 3488.1 | 3484.0 | 3554.0 | 3533.4 | 3570.4 | 3636.2 | 3640.3 |
| 20°   | 3266.0 | 3307.2 | 3340.1 | 3389.4 | 3430.6 | 3422.3 | 3496.4 | 3475.8 | 3512.8 | 3582.8 | 3586.9 |
| 22.5° | 3175.5 | 3216.7 | 3249.6 | 3303.0 | 3340.1 | 3336.0 | 3410.0 | 3389.4 | 3426.4 | 3492.3 | 3496.4 |
| 25°   | 3068.6 | 3105.6 | 3138.5 | 3187.9 | 3229.0 | 3229.0 | 3294.8 | 3274.3 | 3315.4 | 3381.2 | 3381.2 |
| 27.5° | 2937.0 | 2969.9 | 2998.7 | 3056.2 | 3089.2 | 3089.2 | 3150.9 | 3130.3 | 3171.4 | 3229.0 | 3224.9 |
| 30°   | 2776.5 | 2805.3 | 2830.0 | 2879.4 | 2908.2 | 2912.3 | 2965.7 | 2945.2 | 2986.3 | 3035.7 | 3035.7 |
| 32.5° | 2583.2 | 2612.0 | 2628.5 | 2690.2 | 2710.7 | 2706.6 | 2747.7 | 2727.2 | 2768.3 | 2821.8 | 2809.4 |
| 35°   | 2377.5 | 2389.9 | 2402.2 | 2463.9 | 2472.1 | 2455.7 | 2496.8 | 2476.3 | 2505.1 | 2558.5 | 2550.3 |
| 37.5° | 2143.1 | 2147.2 | 2147.2 | 2200.7 | 2204.8 | 2192.4 | 2217.1 | 2192.4 | 2213.0 | 2262.4 | 2258.2 |
| 40°   | 1883.9 | 1879.8 | 1875.7 | 1916.8 | 1912.7 | 1888.0 | 1904.5 | 1883.9 | 1912.7 | 1949.7 | 1929.2 |
| 42.5° | 1620.7 | 1608.3 | 1591.9 | 1612.4 | 1596.0 | 1575.4 | 1583.7 | 1550.7 | 1571.3 | 1600.1 | 1575.4 |
| 45°   | 1361.5 | 1336.8 | 1303.9 | 1308.1 | 1287.5 | 1262.8 | 1250.5 | 1217.6 | 1213.4 | 1242.2 | 1221.7 |
| 47.5° | 1118.8 | 1069.5 | 1040.7 | 1024.2 | 991.3  | 970.8  | 946.1  | 909.1  | 892.6  | 909.1  | 888.5  |
| 50°   | 900.8  | 851.5  | 814.4  | 777.4  | 744.5  | 719.8  | 678.7  | 654.0  | 629.3  | 633.5  | 617.0  |
| 52.5° | 711.6  | 678.7  | 617.0  | 588.2  | 555.3  | 526.5  | 489.5  | 460.7  | 431.9  | 431.9  | 415.5  |
| 55°   | 563.5  | 518.3  | 477.2  | 436.0  | 403.1  | 378.4  | 341.4  | 312.6  | 283.8  | 279.7  | 263.3  |
| 57.5° | 436.0  | 403.1  | 357.9  | 316.7  | 296.2  | 271.5  | 234.5  | 201.6  | 185.1  | 172.8  | 160.4  |
| 60°   | 337.3  | 304.4  | 267.4  | 234.5  | 209.8  | 193.3  | 156.3  | 131.6  | 115.2  | 106.9  | 94.6   |
| 62.5° | 271.5  | 242.7  | 209.8  | 176.9  | 160.4  | 144.0  | 115.2  | 94.6   | 78.2   | 69.9   | 61.7   |
| 65°   | 218.0  | 193.3  | 168.6  | 144.0  | 131.6  | 115.2  | 94.6   | 78.2   | 65.8   | 57.6   | 49.4   |
| 67.5° | 168.6  | 152.2  | 131.6  | 115.2  | 102.8  | 90.5   | 74.0   | 61.7   | 53.5   | 45.2   | 41.1   |
| 70°   | 127.5  | 115.2  | 102.8  | 86.4   | 78.2   | 69.9   | 57.6   | 45.2   | 41.1   | 37.0   | 32.9   |
| 72.5° | 98.7   | 86.4   | 74.0   | 65.8   | 57.6   | 53.5   | 45.2   | 37.0   | 32.9   | 28.8   | 24.7   |
| 75°   | 65.8   | 61.7   | 53.5   | 45.2   | 41.1   | 37.0   | 32.9   | 28.8   | 24.7   | 20.6   | 20.6   |
| 77.5° | 45.2   | 41.1   | 37.0   | 32.9   | 28.8   | 28.8   | 24.7   | 20.6   | 16.5   | 16.5   | 12.3   |
| 80°   | 28.8   | 24.7   | 24.7   | 20.6   | 20.6   | 20.6   | 16.5   | 12.3   | 12.3   | 12.3   | 8.2    |
| 82.5° | 20.6   | 16.5   | 16.5   | 12.3   | 12.3   | 12.3   | 12.3   | 8.2    | 8.2    | 8.2    | 4.1    |
| 85°   | 12.3   | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 4.1    | 4.1    | 4.1    | 4.1    |
| 87.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3504.6 | 3541.6 | 3541.6 | 3574.5 | 3578.6 | 3570.4 | 3533.4 | 3533.4 | 3582.8 | 3611.6 | 3562.2 |
| 5°    | 3537.5 | 3574.5 | 3574.5 | 3607.4 | 3623.9 | 3611.6 | 3574.5 | 3578.6 | 3628.0 | 3660.9 | 3611.6 |
| 7.5°  | 3566.3 | 3603.3 | 3611.6 | 3648.6 | 3660.9 | 3648.6 | 3611.6 | 3619.8 | 3673.3 | 3702.0 | 3652.7 |
| 10°   | 3578.6 | 3615.7 | 3619.8 | 3660.9 | 3677.4 | 3660.9 | 3632.1 | 3636.2 | 3693.8 | 3714.4 | 3669.1 |
| 12.5° | 3607.4 | 3644.5 | 3644.5 | 3689.7 | 3706.2 | 3693.8 | 3656.8 | 3665.0 | 3722.6 | 3743.2 | 3697.9 |
| 15°   | 3636.2 | 3673.3 | 3673.3 | 3722.6 | 3743.2 | 3726.7 | 3697.9 | 3702.0 | 3759.6 | 3780.2 | 3743.2 |
| 17.5° | 3636.2 | 3669.1 | 3669.1 | 3722.6 | 3743.2 | 3730.8 | 3697.9 | 3702.0 | 3763.7 | 3780.2 | 3743.2 |
| 20°   | 3582.8 | 3619.8 | 3611.6 | 3665.0 | 3685.6 | 3673.3 | 3644.5 | 3644.5 | 3706.2 | 3722.6 | 3685.6 |
| 22.5° | 3496.4 | 3529.3 | 3521.1 | 3570.4 | 3595.1 | 3578.6 | 3554.0 | 3549.8 | 3611.6 | 3628.0 | 3591.0 |
| 25°   | 3377.1 | 3410.0 | 3401.8 | 3451.1 | 3475.8 | 3455.2 | 3426.4 | 3430.6 | 3479.9 | 3504.6 | 3471.7 |
| 27.5° | 3237.2 | 3257.8 | 3245.5 | 3294.8 | 3319.5 | 3298.9 | 3270.1 | 3274.3 | 3323.6 | 3340.1 | 3315.4 |
| 30°   | 3048.0 | 3064.5 | 3052.1 | 3093.3 | 3109.7 | 3097.4 | 3072.7 | 3072.7 | 3117.9 | 3138.5 | 3113.8 |
| 32.5° | 2821.8 | 2834.1 | 2821.8 | 2854.7 | 2887.6 | 2862.9 | 2838.2 | 2838.2 | 2887.6 | 2904.0 | 2875.3 |
| 35°   | 2558.5 | 2570.9 | 2562.6 | 2595.5 | 2620.2 | 2587.3 | 2566.8 | 2558.5 | 2624.3 | 2616.1 | 2599.7 |
| 37.5° | 2266.5 | 2274.7 | 2250.0 | 2307.6 | 2319.9 | 2282.9 | 2266.5 | 2258.2 | 2315.8 | 2311.7 | 2295.3 |
| 40°   | 1937.4 | 1945.6 | 1929.2 | 1970.3 | 1974.4 | 1945.6 | 1933.3 | 1920.9 | 1978.5 | 1974.4 | 1962.1 |
| 42.5° | 1587.8 | 1591.9 | 1571.3 | 1604.2 | 1612.4 | 1583.7 | 1579.5 | 1563.1 | 1616.6 | 1608.3 | 1604.2 |
| 45°   | 1225.8 | 1225.8 | 1209.3 | 1234.0 | 1242.2 | 1217.6 | 1209.3 | 1205.2 | 1242.2 | 1242.2 | 1234.0 |
| 47.5° | 888.5  | 876.2  | 855.6  | 892.6  | 896.7  | 880.3  | 876.2  | 863.8  | 900.8  | 900.8  | 892.6  |
| 50°   | 608.8  | 604.7  | 600.6  | 608.8  | 612.9  | 592.3  | 604.7  | 592.3  | 612.9  | 612.9  | 612.9  |
| 52.5° | 407.2  | 403.1  | 394.9  | 403.1  | 403.1  | 390.8  | 390.8  | 386.7  | 403.1  | 403.1  | 394.9  |
| 55°   | 255.0  | 250.9  | 246.8  | 250.9  | 250.9  | 238.6  | 246.8  | 238.6  | 246.8  | 246.8  | 242.7  |
| 57.5° | 156.3  | 148.1  | 148.1  | 144.0  | 144.0  | 135.7  | 139.9  | 139.9  | 139.9  | 139.9  | 139.9  |
| 60°   | 90.5   | 86.4   | 82.3   | 82.3   | 82.3   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   |
| 62.5° | 57.6   | 57.6   | 53.5   | 53.5   | 53.5   | 53.5   | 53.5   | 49.4   | 53.5   | 53.5   | 53.5   |
| 65°   | 49.4   | 45.2   | 45.2   | 45.2   | 45.2   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   |
| 67.5° | 41.1   | 37.0   | 37.0   | 37.0   | 37.0   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   |
| 70°   | 32.9   | 28.8   | 28.8   | 28.8   | 28.8   | 28.8   | 24.7   | 28.8   | 28.8   | 24.7   | 24.7   |
| 72.5° | 24.7   | 24.7   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   |
| 75°   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 77.5° | 12.3   | 12.3   | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    |
| 80°   | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 82.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 85°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 0.0    | 4.1    | 0.0    | 4.1    | 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: P212852

CATALOG NUMBER: LD6B60D010TE EU6B60708050 6LBSWL11

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3619.8 | 3578.6 | 3558.1 | 3599.2 | 3615.7 | 3595.1 | 3578.6 | 3549.8 | 3578.6 | 3595.1 | 3615.7 |
| 5°    | 3669.1 | 3632.1 | 3615.7 | 3644.5 | 3669.1 | 3648.6 | 3636.2 | 3607.4 | 3636.2 | 3648.6 | 3669.1 |
| 7.5°  | 3714.4 | 3677.4 | 3656.8 | 3685.6 | 3714.4 | 3685.6 | 3673.3 | 3648.6 | 3673.3 | 3685.6 | 3714.4 |
| 10°   | 3730.8 | 3689.7 | 3673.3 | 3697.9 | 3726.7 | 3697.9 | 3681.5 | 3665.0 | 3681.5 | 3697.9 | 3726.7 |
| 12.5° | 3759.6 | 3718.5 | 3697.9 | 3718.5 | 3747.3 | 3718.5 | 3702.0 | 3689.7 | 3702.0 | 3718.5 | 3747.3 |
| 15°   | 3800.8 | 3763.7 | 3739.1 | 3759.6 | 3796.7 | 3763.7 | 3743.2 | 3739.1 | 3743.2 | 3763.7 | 3796.7 |
| 17.5° | 3800.8 | 3772.0 | 3747.3 | 3763.7 | 3800.8 | 3776.1 | 3747.3 | 3755.5 | 3747.3 | 3776.1 | 3800.8 |
| 20°   | 3747.3 | 3718.5 | 3697.9 | 3697.9 | 3751.4 | 3718.5 | 3693.8 | 3706.2 | 3693.8 | 3718.5 | 3751.4 |
| 22.5° | 3652.7 | 3628.0 | 3607.4 | 3603.3 | 3656.8 | 3628.0 | 3595.1 | 3619.8 | 3595.1 | 3628.0 | 3656.8 |
| 25°   | 3529.3 | 3504.6 | 3488.1 | 3479.9 | 3533.4 | 3500.5 | 3471.7 | 3496.4 | 3471.7 | 3500.5 | 3533.4 |
| 27.5° | 3368.9 | 3348.3 | 3331.8 | 3319.5 | 3368.9 | 3340.1 | 3311.3 | 3336.0 | 3311.3 | 3340.1 | 3368.9 |
| 30°   | 3163.2 | 3150.9 | 3134.4 | 3117.9 | 3167.3 | 3138.5 | 3109.7 | 3142.6 | 3109.7 | 3138.5 | 3167.3 |
| 32.5° | 2924.6 | 2916.4 | 2895.8 | 2879.4 | 2928.7 | 2895.8 | 2875.3 | 2899.9 | 2875.3 | 2895.8 | 2928.7 |
| 35°   | 2649.0 | 2636.7 | 2624.3 | 2595.5 | 2649.0 | 2620.2 | 2620.2 | 2628.5 | 2620.2 | 2620.2 | 2649.0 |
| 37.5° | 2340.5 | 2332.3 | 2315.8 | 2291.2 | 2336.4 | 2315.8 | 2307.6 | 2332.3 | 2307.6 | 2315.8 | 2336.4 |
| 40°   | 1995.0 | 1990.9 | 1978.5 | 1949.7 | 1999.1 | 1978.5 | 1966.2 | 1999.1 | 1966.2 | 1978.5 | 1999.1 |
| 42.5° | 1633.0 | 1624.8 | 1612.4 | 1608.3 | 1633.0 | 1616.6 | 1628.9 | 1628.9 | 1628.9 | 1616.6 | 1633.0 |
| 45°   | 1258.7 | 1250.5 | 1242.2 | 1225.8 | 1254.6 | 1246.4 | 1242.2 | 1250.5 | 1242.2 | 1246.4 | 1254.6 |
| 47.5° | 913.2  | 904.9  | 896.7  | 884.4  | 913.2  | 900.8  | 900.8  | 909.1  | 900.8  | 900.8  | 913.2  |
| 50°   | 612.9  | 617.0  | 612.9  | 604.7  | 612.9  | 608.8  | 612.9  | 621.1  | 612.9  | 608.8  | 612.9  |
| 52.5° | 407.2  | 407.2  | 399.0  | 394.9  | 403.1  | 399.0  | 411.3  | 403.1  | 411.3  | 399.0  | 403.1  |
| 55°   | 246.8  | 250.9  | 246.8  | 242.7  | 246.8  | 242.7  | 255.0  | 250.9  | 255.0  | 242.7  | 246.8  |
| 57.5° | 139.9  | 139.9  | 144.0  | 139.9  | 148.1  | 144.0  | 144.0  | 144.0  | 144.0  | 144.0  | 148.1  |
| 60°   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 82.3   | 78.2   | 82.3   | 78.2   | 78.2   |
| 62.5° | 53.5   | 53.5   | 53.5   | 49.4   | 53.5   | 49.4   | 53.5   | 53.5   | 53.5   | 49.4   | 53.5   |
| 65°   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   |
| 67.5° | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   |
| 70°   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   |
| 72.5° | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   |
| 75°   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 77.5° | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    |
| 80°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 82.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.1    | 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: P212852

CATALOG NUMBER: LD6B60D010TE EU6B60708050 6LBSWL11

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3599.2 | 3558.1 | 3578.6 | 3619.8 | 3562.2 | 3611.6 | 3582.8 | 3533.4 | 3533.4 | 3570.4 | 3578.6 |
| 5°    | 3644.5 | 3615.7 | 3632.1 | 3669.1 | 3611.6 | 3660.9 | 3628.0 | 3578.6 | 3574.5 | 3611.6 | 3623.9 |
| 7.5°  | 3685.6 | 3656.8 | 3677.4 | 3714.4 | 3652.7 | 3702.0 | 3673.3 | 3619.8 | 3611.6 | 3648.6 | 3660.9 |
| 10°   | 3697.9 | 3673.3 | 3689.7 | 3730.8 | 3669.1 | 3714.4 | 3693.8 | 3636.2 | 3632.1 | 3660.9 | 3677.4 |
| 12.5° | 3718.5 | 3697.9 | 3718.5 | 3759.6 | 3697.9 | 3743.2 | 3722.6 | 3665.0 | 3656.8 | 3693.8 | 3706.2 |
| 15°   | 3759.6 | 3739.1 | 3763.7 | 3800.8 | 3743.2 | 3780.2 | 3759.6 | 3702.0 | 3697.9 | 3726.7 | 3743.2 |
| 17.5° | 3763.7 | 3747.3 | 3772.0 | 3800.8 | 3743.2 | 3780.2 | 3763.7 | 3702.0 | 3697.9 | 3730.8 | 3743.2 |
| 20°   | 3697.9 | 3697.9 | 3718.5 | 3747.3 | 3685.6 | 3722.6 | 3706.2 | 3644.5 | 3644.5 | 3673.3 | 3685.6 |
| 22.5° | 3603.3 | 3607.4 | 3628.0 | 3652.7 | 3591.0 | 3628.0 | 3611.6 | 3549.8 | 3554.0 | 3578.6 | 3595.1 |
| 25°   | 3479.9 | 3488.1 | 3504.6 | 3529.3 | 3471.7 | 3504.6 | 3479.9 | 3430.6 | 3426.4 | 3455.2 | 3475.8 |
| 27.5° | 3319.5 | 3331.8 | 3348.3 | 3368.9 | 3315.4 | 3340.1 | 3323.6 | 3274.3 | 3270.1 | 3298.9 | 3319.5 |
| 30°   | 3117.9 | 3134.4 | 3150.9 | 3163.2 | 3113.8 | 3138.5 | 3117.9 | 3072.7 | 3072.7 | 3097.4 | 3109.7 |
| 32.5° | 2879.4 | 2895.8 | 2916.4 | 2924.6 | 2875.3 | 2904.0 | 2887.6 | 2838.2 | 2838.2 | 2862.9 | 2887.6 |
| 35°   | 2595.5 | 2624.3 | 2636.7 | 2649.0 | 2599.7 | 2616.1 | 2624.3 | 2558.5 | 2566.8 | 2587.3 | 2620.2 |
| 37.5° | 2291.2 | 2315.8 | 2332.3 | 2340.5 | 2295.3 | 2311.7 | 2315.8 | 2258.2 | 2266.5 | 2282.9 | 2319.9 |
| 40°   | 1949.7 | 1978.5 | 1990.9 | 1995.0 | 1962.1 | 1974.4 | 1978.5 | 1920.9 | 1933.3 | 1945.6 | 1974.4 |
| 42.5° | 1608.3 | 1612.4 | 1624.8 | 1633.0 | 1604.2 | 1608.3 | 1616.6 | 1563.1 | 1579.5 | 1583.7 | 1612.4 |
| 45°   | 1225.8 | 1242.2 | 1250.5 | 1258.7 | 1234.0 | 1242.2 | 1242.2 | 1205.2 | 1209.3 | 1217.6 | 1242.2 |
| 47.5° | 884.4  | 896.7  | 904.9  | 913.2  | 892.6  | 900.8  | 900.8  | 863.8  | 876.2  | 880.3  | 896.7  |
| 50°   | 604.7  | 612.9  | 617.0  | 612.9  | 612.9  | 612.9  | 612.9  | 592.3  | 604.7  | 592.3  | 612.9  |
| 52.5° | 394.9  | 399.0  | 407.2  | 407.2  | 394.9  | 403.1  | 403.1  | 386.7  | 390.8  | 390.8  | 403.1  |
| 55°   | 242.7  | 246.8  | 250.9  | 246.8  | 242.7  | 246.8  | 246.8  | 238.6  | 246.8  | 238.6  | 250.9  |
| 57.5° | 139.9  | 144.0  | 139.9  | 139.9  | 139.9  | 139.9  | 139.9  | 139.9  | 139.9  | 135.7  | 144.0  |
| 60°   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 82.3   |
| 62.5° | 49.4   | 53.5   | 53.5   | 53.5   | 53.5   | 53.5   | 53.5   | 49.4   | 53.5   | 53.5   | 53.5   |
| 65°   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 45.2   |
| 67.5° | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 37.0   |
| 70°   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   | 28.8   | 28.8   | 24.7   | 28.8   | 28.8   |
| 72.5° | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   |
| 75°   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 16.5   |
| 77.5° | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    |
| 80°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 8.2    |
| 82.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.1    | 0.0    | 4.1    | 0.0    | 4.1    |
| 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: P212852

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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3574.5 | 3541.6 | 3541.6 | 3504.6 | 3537.5 | 3541.6 | 3500.5 | 3488.1 | 3533.4 | 3484.0 | 3508.7 |
| 5°    | 3607.4 | 3574.5 | 3574.5 | 3537.5 | 3562.2 | 3562.2 | 3521.1 | 3500.5 | 3545.7 | 3496.4 | 3516.9 |
| 7.5°  | 3648.6 | 3611.6 | 3603.3 | 3566.3 | 3586.9 | 3591.0 | 3541.6 | 3512.8 | 3558.1 | 3500.5 | 3521.1 |
| 10°   | 3660.9 | 3619.8 | 3615.7 | 3578.6 | 3595.1 | 3599.2 | 3541.6 | 3516.9 | 3554.0 | 3492.3 | 3504.6 |
| 12.5° | 3689.7 | 3644.5 | 3644.5 | 3607.4 | 3619.8 | 3619.8 | 3562.2 | 3529.3 | 3562.2 | 3500.5 | 3508.7 |
| 15°   | 3722.6 | 3673.3 | 3673.3 | 3636.2 | 3644.5 | 3648.6 | 3578.6 | 3545.7 | 3574.5 | 3508.7 | 3516.9 |
| 17.5° | 3722.6 | 3669.1 | 3669.1 | 3636.2 | 3640.3 | 3636.2 | 3570.4 | 3533.4 | 3554.0 | 3484.0 | 3488.1 |
| 20°   | 3665.0 | 3611.6 | 3619.8 | 3582.8 | 3586.9 | 3582.8 | 3512.8 | 3475.8 | 3496.4 | 3422.3 | 3430.6 |
| 22.5° | 3570.4 | 3521.1 | 3529.3 | 3496.4 | 3496.4 | 3492.3 | 3426.4 | 3389.4 | 3410.0 | 3336.0 | 3340.1 |
| 25°   | 3451.1 | 3401.8 | 3410.0 | 3377.1 | 3381.2 | 3381.2 | 3315.4 | 3274.3 | 3294.8 | 3229.0 | 3229.0 |
| 27.5° | 3294.8 | 3245.5 | 3257.8 | 3237.2 | 3224.9 | 3229.0 | 3171.4 | 3130.3 | 3150.9 | 3089.2 | 3089.2 |
| 30°   | 3093.3 | 3052.1 | 3064.5 | 3048.0 | 3035.7 | 3035.7 | 2986.3 | 2945.2 | 2965.7 | 2912.3 | 2908.2 |
| 32.5° | 2854.7 | 2821.8 | 2834.1 | 2821.8 | 2809.4 | 2821.8 | 2768.3 | 2727.2 | 2747.7 | 2706.6 | 2710.7 |
| 35°   | 2595.5 | 2562.6 | 2570.9 | 2558.5 | 2550.3 | 2558.5 | 2505.1 | 2476.3 | 2496.8 | 2455.7 | 2472.1 |
| 37.5° | 2307.6 | 2250.0 | 2274.7 | 2266.5 | 2258.2 | 2262.4 | 2213.0 | 2192.4 | 2217.1 | 2192.4 | 2204.8 |
| 40°   | 1970.3 | 1929.2 | 1945.6 | 1937.4 | 1929.2 | 1949.7 | 1912.7 | 1883.9 | 1904.5 | 1888.0 | 1912.7 |
| 42.5° | 1604.2 | 1571.3 | 1591.9 | 1587.8 | 1575.4 | 1600.1 | 1571.3 | 1550.7 | 1583.7 | 1575.4 | 1596.0 |
| 45°   | 1234.0 | 1209.3 | 1225.8 | 1225.8 | 1221.7 | 1242.2 | 1213.4 | 1217.6 | 1250.5 | 1262.8 | 1287.5 |
| 47.5° | 892.6  | 855.6  | 876.2  | 888.5  | 888.5  | 909.1  | 892.6  | 909.1  | 946.1  | 970.8  | 991.3  |
| 50°   | 608.8  | 600.6  | 604.7  | 608.8  | 617.0  | 633.5  | 629.3  | 654.0  | 678.7  | 719.8  | 744.5  |
| 52.5° | 403.1  | 394.9  | 403.1  | 407.2  | 415.5  | 431.9  | 431.9  | 460.7  | 489.5  | 526.5  | 555.3  |
| 55°   | 250.9  | 246.8  | 250.9  | 255.0  | 263.3  | 279.7  | 283.8  | 312.6  | 341.4  | 378.4  | 403.1  |
| 57.5° | 144.0  | 148.1  | 148.1  | 156.3  | 160.4  | 172.8  | 185.1  | 201.6  | 234.5  | 271.5  | 296.2  |
| 60°   | 82.3   | 82.3   | 86.4   | 90.5   | 94.6   | 106.9  | 115.2  | 131.6  | 156.3  | 193.3  | 209.8  |
| 62.5° | 53.5   | 53.5   | 57.6   | 57.6   | 61.7   | 69.9   | 78.2   | 94.6   | 115.2  | 144.0  | 160.4  |
| 65°   | 45.2   | 45.2   | 45.2   | 49.4   | 49.4   | 57.6   | 65.8   | 78.2   | 94.6   | 115.2  | 131.6  |
| 67.5° | 37.0   | 37.0   | 37.0   | 41.1   | 41.1   | 45.2   | 53.5   | 61.7   | 74.0   | 90.5   | 102.8  |
| 70°   | 28.8   | 28.8   | 28.8   | 32.9   | 32.9   | 37.0   | 41.1   | 45.2   | 57.6   | 69.9   | 78.2   |
| 72.5° | 20.6   | 20.6   | 24.7   | 24.7   | 24.7   | 28.8   | 32.9   | 37.0   | 45.2   | 53.5   | 57.6   |
| 75°   | 16.5   | 16.5   | 16.5   | 16.5   | 20.6   | 20.6   | 24.7   | 28.8   | 32.9   | 37.0   | 41.1   |
| 77.5° | 8.2    | 8.2    | 12.3   | 12.3   | 12.3   | 16.5   | 16.5   | 20.6   | 24.7   | 28.8   | 28.8   |
| 80°   | 8.2    | 8.2    | 8.2    | 8.2    | 8.2    | 12.3   | 12.3   | 12.3   | 16.5   | 20.6   | 20.6   |
| 82.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 8.2    | 8.2    | 8.2    | 12.3   | 12.3   | 12.3   |
| 85°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 8.2    | 8.2    | 8.2    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 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: P212852

CATALOG NUMBER: LD6B60D010TE EU6B60708050 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3479.9 | 3492.3 | 3492.3 | 3479.9 | 3447.0 | 3475.8 | 3504.6 | 3475.8 | 3512.8 | 3447.0 | 3447.0 |
| 5°    | 3479.9 | 3488.1 | 3484.0 | 3467.6 | 3434.7 | 3459.4 | 3479.9 | 3451.1 | 3479.9 | 3418.2 | 3414.1 |
| 7.5°  | 3488.1 | 3479.9 | 3471.7 | 3451.1 | 3410.0 | 3426.4 | 3447.0 | 3414.1 | 3442.9 | 3377.1 | 3368.9 |
| 10°   | 3471.7 | 3459.4 | 3442.9 | 3414.1 | 3368.9 | 3381.2 | 3393.5 | 3364.7 | 3385.3 | 3319.5 | 3315.4 |
| 12.5° | 3471.7 | 3451.1 | 3426.4 | 3393.5 | 3344.2 | 3352.4 | 3364.7 | 3327.7 | 3344.2 | 3282.5 | 3274.3 |
| 15°   | 3479.9 | 3442.9 | 3414.1 | 3377.1 | 3323.6 | 3327.7 | 3336.0 | 3294.8 | 3311.3 | 3245.5 | 3241.3 |
| 17.5° | 3451.1 | 3410.0 | 3381.2 | 3336.0 | 3278.4 | 3282.5 | 3282.5 | 3241.3 | 3253.7 | 3187.9 | 3183.8 |
| 20°   | 3389.4 | 3340.1 | 3307.2 | 3266.0 | 3204.3 | 3204.3 | 3204.3 | 3163.2 | 3171.4 | 3113.8 | 3105.6 |
| 22.5° | 3303.0 | 3249.6 | 3216.7 | 3175.5 | 3117.9 | 3113.8 | 3109.7 | 3076.8 | 3076.8 | 3023.3 | 3011.0 |
| 25°   | 3187.9 | 3138.5 | 3105.6 | 3068.6 | 3011.0 | 3002.8 | 3002.8 | 2974.0 | 2969.9 | 2920.5 | 2912.3 |
| 27.5° | 3056.2 | 2998.7 | 2969.9 | 2937.0 | 2883.5 | 2875.3 | 2871.1 | 2854.7 | 2846.5 | 2793.0 | 2788.9 |
| 30°   | 2879.4 | 2830.0 | 2805.3 | 2776.5 | 2727.2 | 2718.9 | 2714.8 | 2698.4 | 2694.3 | 2640.8 | 2640.8 |
| 32.5° | 2690.2 | 2628.5 | 2612.0 | 2583.2 | 2546.2 | 2542.1 | 2546.2 | 2525.6 | 2509.2 | 2472.1 | 2463.9 |
| 35°   | 2463.9 | 2402.2 | 2389.9 | 2377.5 | 2348.7 | 2340.5 | 2336.4 | 2332.3 | 2311.7 | 2287.0 | 2274.7 |
| 37.5° | 2200.7 | 2147.2 | 2147.2 | 2143.1 | 2122.5 | 2122.5 | 2122.5 | 2114.3 | 2093.7 | 2085.5 | 2060.8 |
| 40°   | 1916.8 | 1875.7 | 1879.8 | 1883.9 | 1875.7 | 1879.8 | 1883.9 | 1875.7 | 1859.2 | 1851.0 | 1830.5 |
| 42.5° | 1612.4 | 1591.9 | 1608.3 | 1620.7 | 1620.7 | 1633.0 | 1641.2 | 1641.2 | 1620.7 | 1616.6 | 1600.1 |
| 45°   | 1308.1 | 1303.9 | 1336.8 | 1361.5 | 1369.8 | 1390.3 | 1402.7 | 1394.4 | 1394.4 | 1394.4 | 1378.0 |
| 47.5° | 1024.2 | 1040.7 | 1069.5 | 1118.8 | 1135.3 | 1160.0 | 1168.2 | 1180.5 | 1176.4 | 1180.5 | 1168.2 |
| 50°   | 777.4  | 814.4  | 851.5  | 900.8  | 925.5  | 954.3  | 966.6  | 983.1  | 983.1  | 987.2  | 979.0  |
| 52.5° | 588.2  | 617.0  | 678.7  | 711.6  | 740.4  | 769.2  | 785.7  | 802.1  | 806.2  | 806.2  | 798.0  |
| 55°   | 436.0  | 477.2  | 518.3  | 563.5  | 588.2  | 617.0  | 629.3  | 645.8  | 645.8  | 654.0  | 645.8  |
| 57.5° | 316.7  | 357.9  | 403.1  | 436.0  | 464.8  | 485.4  | 497.7  | 510.1  | 518.3  | 518.3  | 514.2  |
| 60°   | 234.5  | 267.4  | 304.4  | 337.3  | 362.0  | 382.5  | 390.8  | 403.1  | 407.2  | 407.2  | 399.0  |
| 62.5° | 176.9  | 209.8  | 242.7  | 271.5  | 287.9  | 304.4  | 312.6  | 320.8  | 320.8  | 320.8  | 316.7  |
| 65°   | 144.0  | 168.6  | 193.3  | 218.0  | 234.5  | 246.8  | 250.9  | 259.1  | 255.0  | 259.1  | 255.0  |
| 67.5° | 115.2  | 131.6  | 152.2  | 168.6  | 181.0  | 189.2  | 193.3  | 201.6  | 197.4  | 201.6  | 197.4  |
| 70°   | 86.4   | 102.8  | 115.2  | 127.5  | 135.7  | 144.0  | 148.1  | 152.2  | 148.1  | 152.2  | 148.1  |
| 72.5° | 65.8   | 74.0   | 86.4   | 98.7   | 102.8  | 106.9  | 111.1  | 111.1  | 111.1  | 115.2  | 111.1  |
| 75°   | 45.2   | 53.5   | 61.7   | 65.8   | 74.0   | 78.2   | 78.2   | 82.3   | 82.3   | 82.3   | 82.3   |
| 77.5° | 32.9   | 37.0   | 41.1   | 45.2   | 49.4   | 53.5   | 53.5   | 57.6   | 57.6   | 57.6   | 57.6   |
| 80°   | 20.6   | 24.7   | 24.7   | 28.8   | 32.9   | 32.9   | 37.0   | 37.0   | 37.0   | 37.0   | 37.0   |
| 82.5° | 12.3   | 16.5   | 16.5   | 20.6   | 20.6   | 20.6   | 24.7   | 24.7   | 24.7   | 24.7   | 24.7   |
| 85°   | 8.2    | 8.2    | 8.2    | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 87.5° | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 8.2    | 8.2    | 4.1    | 4.1    |
| 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: P212852

CATALOG NUMBER: LD6B60D010TE EU6B60708050 6LBSWLI1

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 3533.4 | 3533.4 | 3533.4 | 3533.4 |
| 2.5°  | 3479.9 | 3459.4 | 3492.3 | 3442.9 |
| 5°    | 3442.9 | 3422.3 | 3463.5 | 3401.8 |
| 7.5°  | 3397.7 | 3377.1 | 3414.1 | 3352.4 |
| 10°   | 3340.1 | 3319.5 | 3352.4 | 3286.6 |
| 12.5° | 3290.7 | 3270.1 | 3307.2 | 3245.5 |
| 15°   | 3253.7 | 3233.1 | 3266.0 | 3208.4 |
| 17.5° | 3196.1 | 3171.4 | 3208.4 | 3146.7 |
| 20°   | 3113.8 | 3097.4 | 3126.2 | 3064.5 |
| 22.5° | 3019.2 | 3002.8 | 3035.7 | 2974.0 |
| 25°   | 2920.5 | 2899.9 | 2932.8 | 2871.1 |
| 27.5° | 2793.0 | 2776.5 | 2809.4 | 2747.7 |
| 30°   | 2640.8 | 2624.3 | 2657.2 | 2599.7 |
| 32.5° | 2468.0 | 2451.6 | 2476.3 | 2426.9 |
| 35°   | 2270.6 | 2258.2 | 2282.9 | 2229.5 |
| 37.5° | 2056.7 | 2044.4 | 2069.0 | 2015.6 |
| 40°   | 1826.3 | 1814.0 | 1834.6 | 1809.9 |
| 42.5° | 1600.1 | 1587.8 | 1608.3 | 1587.8 |
| 45°   | 1378.0 | 1369.8 | 1390.3 | 1369.8 |
| 47.5° | 1172.3 | 1164.1 | 1184.7 | 1164.1 |
| 50°   | 974.9  | 979.0  | 987.2  | 979.0  |
| 52.5° | 798.0  | 798.0  | 810.3  | 798.0  |
| 55°   | 645.8  | 649.9  | 654.0  | 645.8  |
| 57.5° | 514.2  | 514.2  | 518.3  | 514.2  |
| 60°   | 399.0  | 403.1  | 403.1  | 399.0  |
| 62.5° | 316.7  | 316.7  | 316.7  | 316.7  |
| 65°   | 250.9  | 250.9  | 255.0  | 250.9  |
| 67.5° | 197.4  | 193.3  | 197.4  | 193.3  |
| 70°   | 148.1  | 148.1  | 148.1  | 148.1  |
| 72.5° | 115.2  | 115.2  | 111.1  | 111.1  |
| 75°   | 82.3   | 86.4   | 82.3   | 82.3   |
| 77.5° | 57.6   | 57.6   | 57.6   | 57.6   |
| 80°   | 37.0   | 37.0   | 37.0   | 37.0   |
| 82.5° | 24.7   | 24.7   | 24.7   | 24.7   |
| 85°   | 16.5   | 12.3   | 12.3   | 12.3   |
| 87.5° | 8.2    | 4.1    | 4.1    | 4.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |



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





















(END OF REPORT)