

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: PORTFOLIO

Report Number: P252522

Luminaire Tested: **LE\_6B60D010R EC6B60708050 6LBLWW1H**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P252522  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-6)  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LE\_6B60D010R EC6B60708050 6LBLWW1H  
Description: PORTFOLIO 6 INCH LENS WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 5000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6561.2 lumens  
Efficiency: N/A  
Efficacy: 105.0 lumens/watt  
Spacing Criteria (0/90/45): 1.1 / 1.02 / 1.12  
Luminous Opening: Circular (Dia: 0.46' x H: 0')  
CIE Type: Direct

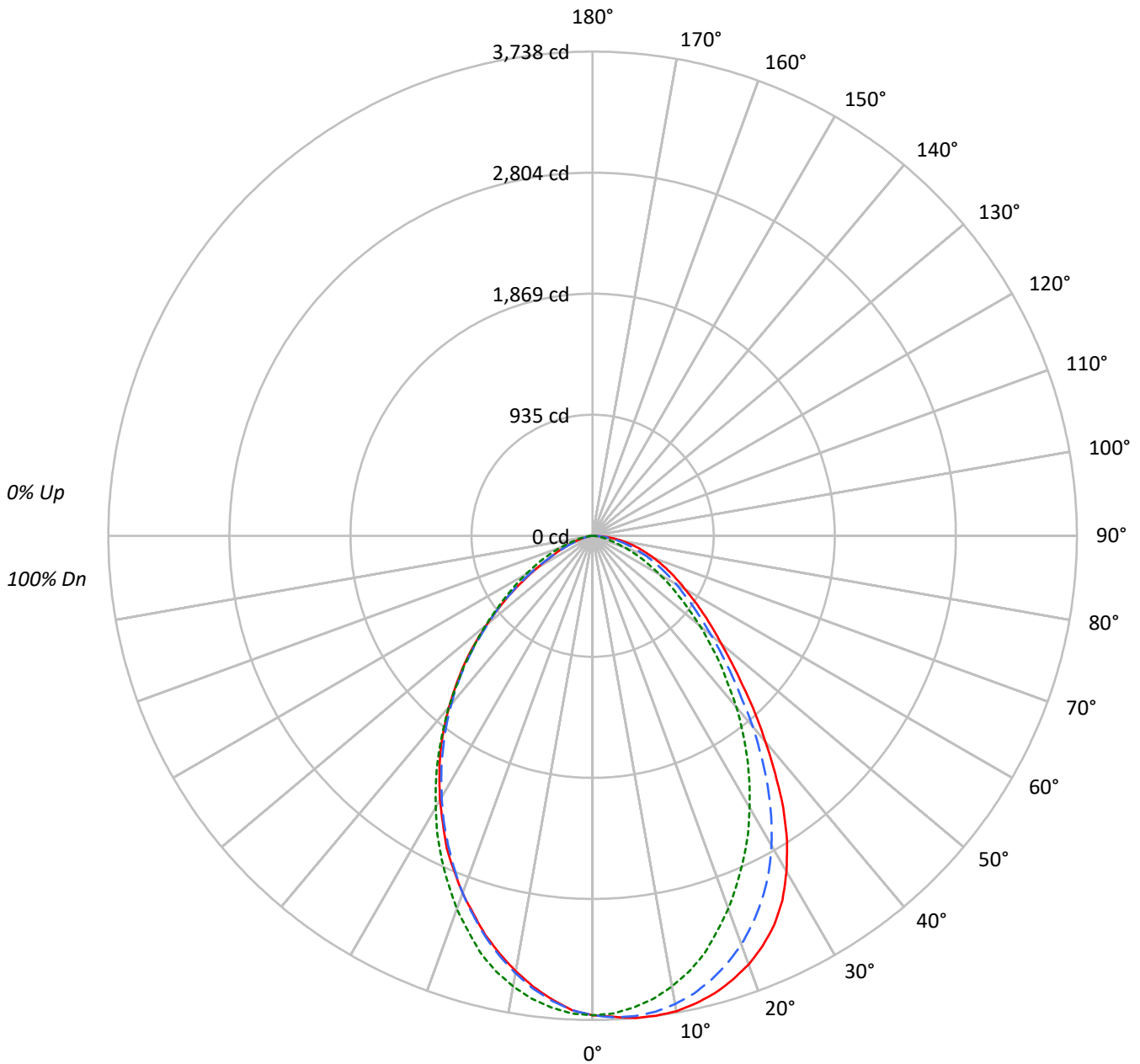
Input Watts (W): 62.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF  | 20  |     |     |     |     |     |     |     |     | 20  |     |     |     |     |     |     |     |     | 20 |    |   |  |  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |   |
| RC  | 80  |     |     |     |     |     |     |     |     | 50  |     |     |     |     |     |     |     |     | 30 |    |   |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 0 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 1   | 111 | 107 | 103 | 100 | 108 | 105 | 101 | 99  | 100 | 98  | 96  | 97  | 95  | 93  | 93  | 91  | 90  | 88  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 2   | 103 | 96  | 90  | 85  | 100 | 94  | 89  | 84  | 90  | 86  | 82  | 87  | 84  | 80  | 84  | 81  | 79  | 77  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 3   | 95  | 86  | 79  | 73  | 93  | 84  | 78  | 73  | 81  | 76  | 71  | 79  | 74  | 70  | 76  | 72  | 69  | 67  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 4   | 88  | 78  | 70  | 64  | 86  | 76  | 69  | 64  | 74  | 68  | 63  | 72  | 66  | 62  | 70  | 65  | 61  | 59  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 5   | 82  | 70  | 62  | 57  | 80  | 69  | 62  | 56  | 67  | 61  | 56  | 65  | 60  | 55  | 64  | 59  | 55  | 53  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 6   | 76  | 64  | 56  | 51  | 74  | 63  | 56  | 50  | 62  | 55  | 50  | 60  | 54  | 50  | 59  | 53  | 49  | 47  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 7   | 71  | 59  | 51  | 46  | 69  | 58  | 51  | 45  | 57  | 50  | 45  | 55  | 49  | 45  | 54  | 49  | 45  | 43  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 8   | 67  | 54  | 47  | 41  | 65  | 54  | 46  | 41  | 52  | 46  | 41  | 51  | 45  | 41  | 50  | 45  | 41  | 39  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 9   | 63  | 50  | 43  | 38  | 61  | 50  | 43  | 38  | 49  | 42  | 37  | 48  | 42  | 37  | 47  | 41  | 37  | 35  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  | 44  | 38  | 34  | 44  | 38  | 34  | 33  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 241488 | 241488 | 241488 |
| 5°  | 244768 | 239378 | 235338 |
| 10° | 246916 | 233978 | 226141 |
| 15° | 246880 | 225354 | 215628 |
| 20° | 244496 | 212726 | 203805 |
| 25° | 238702 | 198362 | 191696 |
| 30° | 225397 | 182412 | 177380 |
| 35° | 204319 | 165421 | 163366 |
| 40° | 176455 | 147115 | 146672 |
| 45° | 151313 | 128072 | 129022 |
| 50° | 131489 | 109576 | 108002 |
| 55° | 118123 | 92383  | 86547  |
| 60° | 107321 | 77819  | 63727  |
| 65° | 100790 | 64281  | 46837  |
| 70° | 96119  | 50015  | 34316  |
| 75° | 92006  | 36298  | 23317  |
| 80° | 86938  | 25135  | 15442  |
| 85° | 77026  | 15420  | 7635   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 346.2  | 5.3       |
| 10°-20°   | 948.3  | 14.5      |
| 20°-30°   | 1316.5 | 20.1      |
| 30°-40°   | 1363.7 | 20.8      |
| 40°-50°   | 1120.6 | 17.1      |
| 50°-60°   | 770.2  | 11.7      |
| 60°-70°   | 442.7  | 6.7       |
| 70°-80°   | 203.5  | 3.1       |
| 80°-90°   | 49.6   | 0.8       |
| 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°    | 2611.0 | 39.8      |
| 0°-40°    | 3974.7 | 60.6      |
| 0°-60°    | 5865.4 | 89.4      |
| 0°-90°    | 6561.2 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 6561.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3702 | 3702 | 3702 | 3702 | 3702 |      |
| 5°  | 3738 | 3722 | 3655 | 3604 | 3594 | 356  |
| 15° | 3655 | 3547 | 3336 | 3203 | 3192 | 1030 |
| 25° | 3316 | 3095 | 2756 | 2637 | 2663 | 1517 |
| 35° | 2565 | 2355 | 2077 | 2015 | 2051 | 1591 |
| 45° | 1640 | 1517 | 1388 | 1373 | 1398 | 1277 |
| 55° | 1038 | 941  | 812  | 766  | 761  | 935  |
| 65° | 653  | 571  | 416  | 293  | 303  | 650  |
| 75° | 365  | 288  | 144  | 92   | 92   | 386  |
| 85° | 103  | 72   | 21   | 10   | 10   | 115  |
| 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°    | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 |
| 2.5°  | 3717.0 | 3747.8 | 3727.2 | 3722.1 | 3732.4 | 3732.4 | 3732.4 | 3717.0 | 3727.2 | 3711.8 | 3722.1 |
| 5°    | 3737.5 | 3763.2 | 3742.6 | 3732.4 | 3742.6 | 3747.8 | 3732.4 | 3722.1 | 3737.5 | 3717.0 | 3722.1 |
| 7.5°  | 3737.5 | 3763.2 | 3742.6 | 3737.5 | 3742.6 | 3742.6 | 3737.5 | 3717.0 | 3727.2 | 3706.6 | 3706.6 |
| 10°   | 3727.2 | 3747.8 | 3727.2 | 3717.0 | 3722.1 | 3717.0 | 3717.0 | 3691.2 | 3696.4 | 3670.6 | 3670.6 |
| 12.5° | 3696.4 | 3722.1 | 3696.4 | 3686.1 | 3686.1 | 3686.1 | 3670.6 | 3650.1 | 3655.2 | 3624.4 | 3619.2 |
| 15°   | 3655.2 | 3675.8 | 3650.1 | 3639.9 | 3639.9 | 3634.6 | 3624.4 | 3593.5 | 3593.5 | 3562.8 | 3547.2 |
| 17.5° | 3593.5 | 3614.1 | 3593.5 | 3578.1 | 3573.0 | 3562.8 | 3552.4 | 3521.6 | 3511.2 | 3475.4 | 3459.9 |
| 20°   | 3521.6 | 3537.0 | 3516.5 | 3501.0 | 3490.8 | 3480.5 | 3459.9 | 3429.0 | 3418.8 | 3382.8 | 3357.1 |
| 22.5° | 3429.0 | 3449.6 | 3418.8 | 3403.4 | 3393.0 | 3377.6 | 3357.1 | 3326.2 | 3310.8 | 3264.5 | 3233.6 |
| 25°   | 3316.0 | 3326.2 | 3300.5 | 3285.1 | 3264.5 | 3254.2 | 3238.9 | 3197.8 | 3182.2 | 3130.9 | 3094.9 |
| 27.5° | 3172.0 | 3182.2 | 3151.4 | 3141.1 | 3115.5 | 3105.1 | 3084.6 | 3048.6 | 3028.0 | 2976.6 | 2940.6 |
| 30°   | 2992.0 | 3002.4 | 2981.8 | 2966.4 | 2945.8 | 2925.2 | 2909.8 | 2873.9 | 2843.0 | 2791.5 | 2760.8 |
| 32.5° | 2791.5 | 2807.0 | 2786.4 | 2765.9 | 2729.9 | 2735.0 | 2709.2 | 2673.4 | 2647.6 | 2601.4 | 2565.4 |
| 35°   | 2565.4 | 2575.6 | 2549.9 | 2544.8 | 2524.2 | 2503.6 | 2478.0 | 2452.2 | 2436.9 | 2385.4 | 2354.6 |
| 37.5° | 2313.5 | 2339.1 | 2313.5 | 2292.9 | 2282.6 | 2267.1 | 2251.8 | 2215.8 | 2205.5 | 2174.6 | 2133.5 |
| 40°   | 2071.9 | 2087.2 | 2071.9 | 2051.2 | 2035.9 | 2035.9 | 2015.2 | 1994.8 | 1969.0 | 1938.1 | 1922.8 |
| 42.5° | 1855.9 | 1845.6 | 1840.5 | 1830.2 | 1809.6 | 1804.5 | 1799.4 | 1773.6 | 1758.2 | 1727.4 | 1701.6 |
| 45°   | 1640.0 | 1645.1 | 1634.9 | 1629.8 | 1614.2 | 1604.0 | 1593.8 | 1573.1 | 1568.0 | 1537.1 | 1516.6 |
| 47.5° | 1460.0 | 1454.9 | 1444.6 | 1444.6 | 1434.4 | 1424.0 | 1413.8 | 1398.4 | 1393.2 | 1367.5 | 1347.0 |
| 50°   | 1295.5 | 1300.6 | 1295.5 | 1290.4 | 1275.0 | 1269.9 | 1259.5 | 1249.2 | 1239.0 | 1213.2 | 1192.8 |
| 52.5° | 1161.9 | 1156.8 | 1151.6 | 1151.6 | 1136.1 | 1131.0 | 1120.8 | 1110.5 | 1100.1 | 1074.5 | 1059.0 |
| 55°   | 1038.5 | 1038.5 | 1033.4 | 1028.2 | 1012.8 | 1007.6 | 1002.5 | 992.2  | 976.8  | 956.2  | 940.8  |
| 57.5° | 925.4  | 925.4  | 920.2  | 915.1  | 904.9  | 904.9  | 894.5  | 884.2  | 874.0  | 853.4  | 832.9  |
| 60°   | 822.5  | 827.8  | 822.5  | 817.4  | 807.1  | 807.1  | 802.0  | 786.6  | 781.4  | 755.8  | 740.2  |
| 62.5° | 735.1  | 735.1  | 735.1  | 730.0  | 724.9  | 714.6  | 714.6  | 699.1  | 688.9  | 673.5  | 652.9  |
| 65°   | 652.9  | 652.9  | 652.9  | 647.8  | 637.5  | 632.4  | 627.2  | 616.9  | 606.6  | 591.2  | 570.6  |
| 67.5° | 575.8  | 575.8  | 575.8  | 570.6  | 560.4  | 555.2  | 550.1  | 545.0  | 529.5  | 514.1  | 493.5  |
| 70°   | 503.9  | 503.9  | 498.6  | 493.5  | 488.4  | 483.2  | 478.1  | 467.9  | 457.5  | 437.0  | 421.5  |
| 72.5° | 431.9  | 431.9  | 431.9  | 421.5  | 416.4  | 416.4  | 406.1  | 401.0  | 390.8  | 370.1  | 354.8  |
| 75°   | 365.0  | 359.9  | 359.9  | 354.8  | 349.6  | 344.5  | 339.2  | 334.1  | 318.8  | 308.5  | 287.9  |
| 77.5° | 298.1  | 298.1  | 293.0  | 287.9  | 287.9  | 282.8  | 277.6  | 267.4  | 262.2  | 246.8  | 231.4  |
| 80°   | 231.4  | 231.4  | 231.4  | 231.4  | 226.2  | 221.1  | 221.1  | 210.8  | 205.6  | 190.2  | 179.9  |
| 82.5° | 174.8  | 169.6  | 169.6  | 169.6  | 164.5  | 159.4  | 159.4  | 154.2  | 149.1  | 138.8  | 128.5  |
| 85°   | 102.9  | 97.6   | 97.6   | 97.6   | 92.5   | 92.5   | 87.4   | 87.4   | 82.2   | 72.0   | 72.0   |
| 87.5° | 30.9   | 30.9   | 36.0   | 36.0   | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   | 25.8   | 25.8   |
| 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°    | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 |
| 2.5°  | 3711.8 | 3727.2 | 3706.6 | 3701.5 | 3722.1 | 3711.8 | 3706.6 | 3696.4 | 3701.5 | 3691.2 | 3675.8 |
| 5°    | 3706.6 | 3727.2 | 3701.5 | 3686.1 | 3711.8 | 3696.4 | 3686.1 | 3675.8 | 3675.8 | 3655.2 | 3645.0 |
| 7.5°  | 3691.2 | 3701.5 | 3675.8 | 3660.4 | 3675.8 | 3660.4 | 3650.1 | 3634.6 | 3629.5 | 3603.9 | 3588.4 |
| 10°   | 3650.1 | 3660.4 | 3629.5 | 3609.0 | 3624.4 | 3603.9 | 3588.4 | 3573.0 | 3562.8 | 3531.9 | 3511.2 |
| 12.5° | 3593.5 | 3598.8 | 3562.8 | 3537.0 | 3547.2 | 3531.9 | 3506.1 | 3485.6 | 3475.4 | 3444.5 | 3418.8 |
| 15°   | 3516.5 | 3521.6 | 3480.5 | 3444.5 | 3454.8 | 3434.1 | 3403.4 | 3382.8 | 3367.4 | 3336.5 | 3300.5 |
| 17.5° | 3423.9 | 3418.8 | 3372.5 | 3336.5 | 3341.6 | 3316.0 | 3285.1 | 3254.2 | 3233.6 | 3197.8 | 3172.0 |
| 20°   | 3321.1 | 3305.6 | 3254.2 | 3213.1 | 3218.2 | 3187.4 | 3151.4 | 3120.6 | 3094.9 | 3064.0 | 3028.0 |
| 22.5° | 3192.5 | 3172.0 | 3125.8 | 3074.4 | 3079.5 | 3053.8 | 3002.4 | 2976.6 | 2950.9 | 2909.8 | 2879.0 |
| 25°   | 3053.8 | 3022.9 | 2976.6 | 2925.2 | 2925.2 | 2894.4 | 2853.2 | 2822.4 | 2796.8 | 2755.6 | 2719.6 |
| 27.5° | 2889.2 | 2873.9 | 2812.1 | 2771.0 | 2765.9 | 2735.0 | 2699.0 | 2663.0 | 2632.2 | 2596.2 | 2560.2 |
| 30°   | 2709.2 | 2683.6 | 2637.4 | 2591.0 | 2580.8 | 2555.1 | 2519.1 | 2478.0 | 2457.4 | 2421.4 | 2390.6 |
| 32.5° | 2519.1 | 2493.4 | 2442.0 | 2395.8 | 2390.6 | 2370.0 | 2339.1 | 2298.0 | 2277.5 | 2251.8 | 2231.2 |
| 35°   | 2303.1 | 2292.9 | 2241.5 | 2205.5 | 2205.5 | 2184.9 | 2154.1 | 2118.1 | 2102.6 | 2077.0 | 2051.2 |
| 37.5° | 2097.5 | 2082.1 | 2035.9 | 2005.0 | 2005.0 | 1979.2 | 1948.4 | 1933.0 | 1917.6 | 1897.0 | 1881.6 |
| 40°   | 1881.6 | 1871.4 | 1835.4 | 1804.5 | 1809.6 | 1789.1 | 1768.5 | 1748.0 | 1737.6 | 1727.4 | 1712.0 |
| 42.5° | 1681.1 | 1670.9 | 1645.1 | 1619.4 | 1619.4 | 1604.0 | 1583.4 | 1568.0 | 1557.8 | 1542.2 | 1537.1 |
| 45°   | 1501.1 | 1485.8 | 1465.1 | 1439.5 | 1439.5 | 1424.0 | 1413.8 | 1403.5 | 1398.4 | 1388.1 | 1372.6 |
| 47.5° | 1326.4 | 1316.1 | 1295.5 | 1269.9 | 1269.9 | 1269.9 | 1249.2 | 1233.9 | 1233.9 | 1223.5 | 1218.4 |
| 50°   | 1177.2 | 1161.9 | 1146.5 | 1125.9 | 1125.9 | 1115.6 | 1100.1 | 1084.8 | 1084.8 | 1079.6 | 1069.4 |
| 52.5° | 1038.5 | 1028.2 | 1007.6 | 987.1  | 987.1  | 976.8  | 961.4  | 956.2  | 951.1  | 935.6  | 930.5  |
| 55°   | 920.2  | 910.0  | 894.5  | 868.9  | 863.6  | 858.5  | 843.1  | 832.9  | 827.8  | 812.2  | 812.2  |
| 57.5° | 812.2  | 802.0  | 776.2  | 760.9  | 755.8  | 745.5  | 730.0  | 719.8  | 714.6  | 704.4  | 694.0  |
| 60°   | 719.8  | 704.4  | 683.8  | 663.2  | 658.0  | 647.8  | 632.4  | 622.0  | 616.9  | 596.4  | 586.1  |
| 62.5° | 632.4  | 616.9  | 596.4  | 575.8  | 570.6  | 560.4  | 539.8  | 529.5  | 519.2  | 498.6  | 488.4  |
| 65°   | 550.1  | 534.6  | 514.1  | 493.5  | 483.2  | 478.1  | 457.5  | 442.1  | 431.9  | 416.4  | 395.9  |
| 67.5° | 473.0  | 457.5  | 437.0  | 411.2  | 411.2  | 395.9  | 380.4  | 365.0  | 349.6  | 334.1  | 318.8  |
| 70°   | 401.0  | 385.6  | 365.0  | 344.5  | 339.2  | 329.0  | 313.6  | 293.0  | 282.8  | 262.2  | 246.8  |
| 72.5° | 334.1  | 318.8  | 298.1  | 277.6  | 272.5  | 262.2  | 246.8  | 226.2  | 210.8  | 195.4  | 179.9  |
| 75°   | 272.5  | 257.0  | 236.5  | 221.1  | 215.9  | 205.6  | 190.2  | 169.6  | 154.2  | 144.0  | 128.5  |
| 77.5° | 215.9  | 200.5  | 185.1  | 169.6  | 164.5  | 154.2  | 138.8  | 128.5  | 113.1  | 102.9  | 87.4   |
| 80°   | 164.5  | 154.2  | 138.8  | 128.5  | 123.4  | 113.1  | 102.9  | 87.4   | 77.1   | 66.9   | 61.8   |
| 82.5° | 118.2  | 108.0  | 97.6   | 82.2   | 82.2   | 72.0   | 66.9   | 56.5   | 46.2   | 41.1   | 36.0   |
| 85°   | 66.9   | 56.5   | 51.4   | 46.2   | 41.1   | 41.1   | 36.0   | 30.9   | 25.8   | 20.6   | 20.6   |
| 87.5° | 20.6   | 20.6   | 15.4   | 15.4   | 15.4   | 15.4   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 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: P252522

CATALOG NUMBER: LE\_6B60D010R EC6B60708050 6LBLWW1H

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 |
| 2.5°  | 3675.8 | 3681.0 | 3670.6 | 3681.0 | 3670.6 | 3675.8 | 3665.5 | 3675.8 | 3665.5 | 3675.8 | 3655.2 |
| 5°    | 3639.9 | 3639.9 | 3624.4 | 3634.6 | 3624.4 | 3629.5 | 3609.0 | 3614.1 | 3603.9 | 3614.1 | 3593.5 |
| 7.5°  | 3578.1 | 3583.2 | 3557.6 | 3567.9 | 3552.4 | 3552.4 | 3537.0 | 3542.1 | 3526.8 | 3531.9 | 3516.5 |
| 10°   | 3506.1 | 3501.0 | 3475.4 | 3485.6 | 3465.0 | 3465.0 | 3449.6 | 3449.6 | 3429.0 | 3434.1 | 3413.6 |
| 12.5° | 3403.4 | 3398.2 | 3367.4 | 3377.6 | 3357.1 | 3357.1 | 3341.6 | 3341.6 | 3321.1 | 3331.4 | 3310.8 |
| 15°   | 3285.1 | 3280.0 | 3249.1 | 3254.2 | 3233.6 | 3233.6 | 3213.1 | 3218.2 | 3202.9 | 3213.1 | 3192.5 |
| 17.5° | 3151.4 | 3146.2 | 3115.5 | 3120.6 | 3094.9 | 3100.0 | 3084.6 | 3079.5 | 3069.1 | 3074.4 | 3058.9 |
| 20°   | 3012.6 | 3002.4 | 2971.5 | 2976.6 | 2966.4 | 2950.9 | 2940.6 | 2945.8 | 2935.5 | 2945.8 | 2930.4 |
| 22.5° | 2868.6 | 2848.1 | 2822.4 | 2822.4 | 2812.1 | 2812.1 | 2796.8 | 2807.0 | 2786.4 | 2801.9 | 2791.5 |
| 25°   | 2704.1 | 2688.8 | 2668.1 | 2678.5 | 2657.9 | 2657.9 | 2642.5 | 2647.6 | 2637.4 | 2647.6 | 2637.4 |
| 27.5° | 2544.8 | 2534.5 | 2503.6 | 2514.0 | 2498.5 | 2503.6 | 2488.2 | 2493.4 | 2488.2 | 2498.5 | 2488.2 |
| 30°   | 2375.1 | 2370.0 | 2349.4 | 2349.4 | 2344.2 | 2339.1 | 2334.0 | 2334.0 | 2328.9 | 2344.2 | 2334.0 |
| 32.5° | 2215.8 | 2200.4 | 2179.8 | 2195.2 | 2169.5 | 2184.9 | 2174.6 | 2184.9 | 2174.6 | 2184.9 | 2179.8 |
| 35°   | 2051.2 | 2046.1 | 2020.4 | 2025.5 | 2020.4 | 2020.4 | 2015.2 | 2015.2 | 2015.2 | 2030.8 | 2030.8 |
| 37.5° | 1876.5 | 1871.4 | 1855.9 | 1861.0 | 1850.8 | 1845.6 | 1845.6 | 1855.9 | 1855.9 | 1866.1 | 1866.1 |
| 40°   | 1706.8 | 1712.0 | 1696.5 | 1696.5 | 1691.4 | 1691.4 | 1691.4 | 1701.6 | 1696.5 | 1706.8 | 1701.6 |
| 42.5° | 1537.1 | 1537.1 | 1521.8 | 1526.9 | 1521.8 | 1526.9 | 1526.9 | 1537.1 | 1537.1 | 1542.2 | 1537.1 |
| 45°   | 1377.8 | 1377.8 | 1372.6 | 1377.8 | 1367.5 | 1372.6 | 1367.5 | 1377.8 | 1372.6 | 1377.8 | 1377.8 |
| 47.5° | 1218.4 | 1218.4 | 1218.4 | 1213.2 | 1213.2 | 1213.2 | 1213.2 | 1213.2 | 1208.1 | 1218.4 | 1213.2 |
| 50°   | 1069.4 | 1074.5 | 1069.4 | 1069.4 | 1064.1 | 1069.4 | 1064.1 | 1064.1 | 1053.9 | 1059.0 | 1059.0 |
| 52.5° | 935.6  | 935.6  | 925.4  | 925.4  | 925.4  | 920.2  | 920.2  | 920.2  | 915.1  | 915.1  | 904.9  |
| 55°   | 807.1  | 807.1  | 796.9  | 796.9  | 791.8  | 786.6  | 781.4  | 781.4  | 766.0  | 766.0  | 750.6  |
| 57.5° | 688.9  | 683.8  | 668.4  | 668.4  | 658.0  | 652.9  | 647.8  | 642.6  | 632.4  | 622.0  | 616.9  |
| 60°   | 580.9  | 570.6  | 560.4  | 555.2  | 545.0  | 534.6  | 524.4  | 514.1  | 503.9  | 498.6  | 493.5  |
| 62.5° | 478.1  | 462.8  | 452.4  | 447.2  | 437.0  | 421.5  | 411.2  | 401.0  | 390.8  | 385.6  | 375.2  |
| 65°   | 385.6  | 370.1  | 354.8  | 349.6  | 339.2  | 329.0  | 313.6  | 303.4  | 293.0  | 287.9  | 287.9  |
| 67.5° | 303.4  | 287.9  | 267.4  | 267.4  | 257.0  | 246.8  | 236.5  | 226.2  | 221.1  | 226.2  | 226.2  |
| 70°   | 226.2  | 215.9  | 200.5  | 195.4  | 185.1  | 174.8  | 169.6  | 169.6  | 169.6  | 174.8  | 169.6  |
| 72.5° | 169.6  | 154.2  | 144.0  | 138.8  | 133.6  | 128.5  | 128.5  | 128.5  | 123.4  | 128.5  | 128.5  |
| 75°   | 118.2  | 108.0  | 97.6   | 97.6   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   |
| 77.5° | 82.2   | 72.0   | 66.9   | 66.9   | 66.9   | 61.8   | 61.8   | 61.8   | 61.8   | 61.8   | 61.8   |
| 80°   | 51.4   | 51.4   | 46.2   | 46.2   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   |
| 82.5° | 30.9   | 30.9   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   |
| 85°   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 87.5° | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 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: P252522

CATALOG NUMBER: LE\_6B60D010R EC6B60708050 6LBLWW1H

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 | 3701.5 |
| 2.5°  | 3655.2 | 3670.6 | 3650.1 | 3665.5 | 3660.4 | 3655.2 | 3645.0 | 3665.5 |
| 5°    | 3593.5 | 3598.8 | 3578.1 | 3598.8 | 3593.5 | 3583.2 | 3573.0 | 3593.5 |
| 7.5°  | 3506.1 | 3521.6 | 3495.9 | 3516.5 | 3511.2 | 3501.0 | 3490.8 | 3511.2 |
| 10°   | 3408.5 | 3423.9 | 3403.4 | 3418.8 | 3418.8 | 3408.5 | 3393.0 | 3413.6 |
| 12.5° | 3300.5 | 3310.8 | 3290.2 | 3310.8 | 3305.6 | 3295.4 | 3290.2 | 3305.6 |
| 15°   | 3182.2 | 3197.8 | 3177.1 | 3192.5 | 3187.4 | 3182.2 | 3177.1 | 3192.5 |
| 17.5° | 3053.8 | 3069.1 | 3053.8 | 3069.1 | 3069.1 | 3053.8 | 3048.6 | 3058.9 |
| 20°   | 2925.2 | 2935.5 | 2920.1 | 2935.5 | 2930.4 | 2930.4 | 2920.1 | 2935.5 |
| 22.5° | 2781.2 | 2796.8 | 2786.4 | 2796.8 | 2791.5 | 2791.5 | 2786.4 | 2796.8 |
| 25°   | 2637.4 | 2652.8 | 2637.4 | 2652.8 | 2647.6 | 2647.6 | 2637.4 | 2663.0 |
| 27.5° | 2493.4 | 2503.6 | 2488.2 | 2508.8 | 2503.6 | 2493.4 | 2498.5 | 2503.6 |
| 30°   | 2339.1 | 2349.4 | 2339.1 | 2354.6 | 2354.6 | 2354.6 | 2344.2 | 2354.6 |
| 32.5° | 2184.9 | 2200.4 | 2184.9 | 2200.4 | 2195.2 | 2195.2 | 2190.1 | 2200.4 |
| 35°   | 2030.8 | 2035.9 | 2025.5 | 2041.0 | 2041.0 | 2046.1 | 2035.9 | 2051.2 |
| 37.5° | 1871.4 | 1876.5 | 1871.4 | 1876.5 | 1886.8 | 1871.4 | 1881.6 | 1886.8 |
| 40°   | 1706.8 | 1717.1 | 1712.0 | 1717.1 | 1717.1 | 1722.2 | 1717.1 | 1722.2 |
| 42.5° | 1542.2 | 1552.6 | 1542.2 | 1557.8 | 1552.6 | 1552.6 | 1557.8 | 1557.8 |
| 45°   | 1372.6 | 1388.1 | 1377.8 | 1388.1 | 1393.2 | 1388.1 | 1388.1 | 1398.4 |
| 47.5° | 1213.2 | 1223.5 | 1218.4 | 1223.5 | 1223.5 | 1223.5 | 1223.5 | 1233.9 |
| 50°   | 1053.9 | 1059.0 | 1059.0 | 1064.1 | 1064.1 | 1069.4 | 1059.0 | 1064.1 |
| 52.5° | 894.5  | 904.9  | 904.9  | 904.9  | 899.6  | 904.9  | 904.9  | 904.9  |
| 55°   | 750.6  | 755.8  | 745.5  | 755.8  | 755.8  | 750.6  | 750.6  | 760.9  |
| 57.5° | 611.8  | 611.8  | 611.8  | 611.8  | 611.8  | 606.6  | 611.8  | 611.8  |
| 60°   | 483.2  | 488.4  | 483.2  | 483.2  | 483.2  | 483.2  | 478.1  | 488.4  |
| 62.5° | 375.2  | 375.2  | 370.1  | 375.2  | 375.2  | 375.2  | 380.4  | 380.4  |
| 65°   | 293.0  | 298.1  | 293.0  | 298.1  | 298.1  | 298.1  | 298.1  | 303.4  |
| 67.5° | 231.4  | 231.4  | 231.4  | 231.4  | 231.4  | 231.4  | 231.4  | 231.4  |
| 70°   | 174.8  | 174.8  | 174.8  | 179.9  | 174.8  | 174.8  | 174.8  | 179.9  |
| 72.5° | 128.5  | 128.5  | 128.5  | 128.5  | 128.5  | 128.5  | 133.6  | 133.6  |
| 75°   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   | 92.5   |
| 77.5° | 61.8   | 61.8   | 61.8   | 66.9   | 61.8   | 66.9   | 61.8   | 61.8   |
| 80°   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   | 41.1   |
| 82.5° | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   | 25.8   |
| 85°   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 87.5° | 10.2   | 10.2   | 10.2   | 10.2   | 5.1    | 5.1    | 5.1    | 5.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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















(END OF REPORT)