

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: P252734

Luminaire Tested: **LE_6B60D010R EC6B60709035 6LBDW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252734
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-9)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B60D010R EC6B60709035 6LBDW1H
Description: PORTFOLIO 6 INCH DOUBLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6037.5 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.25 / 1.21
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

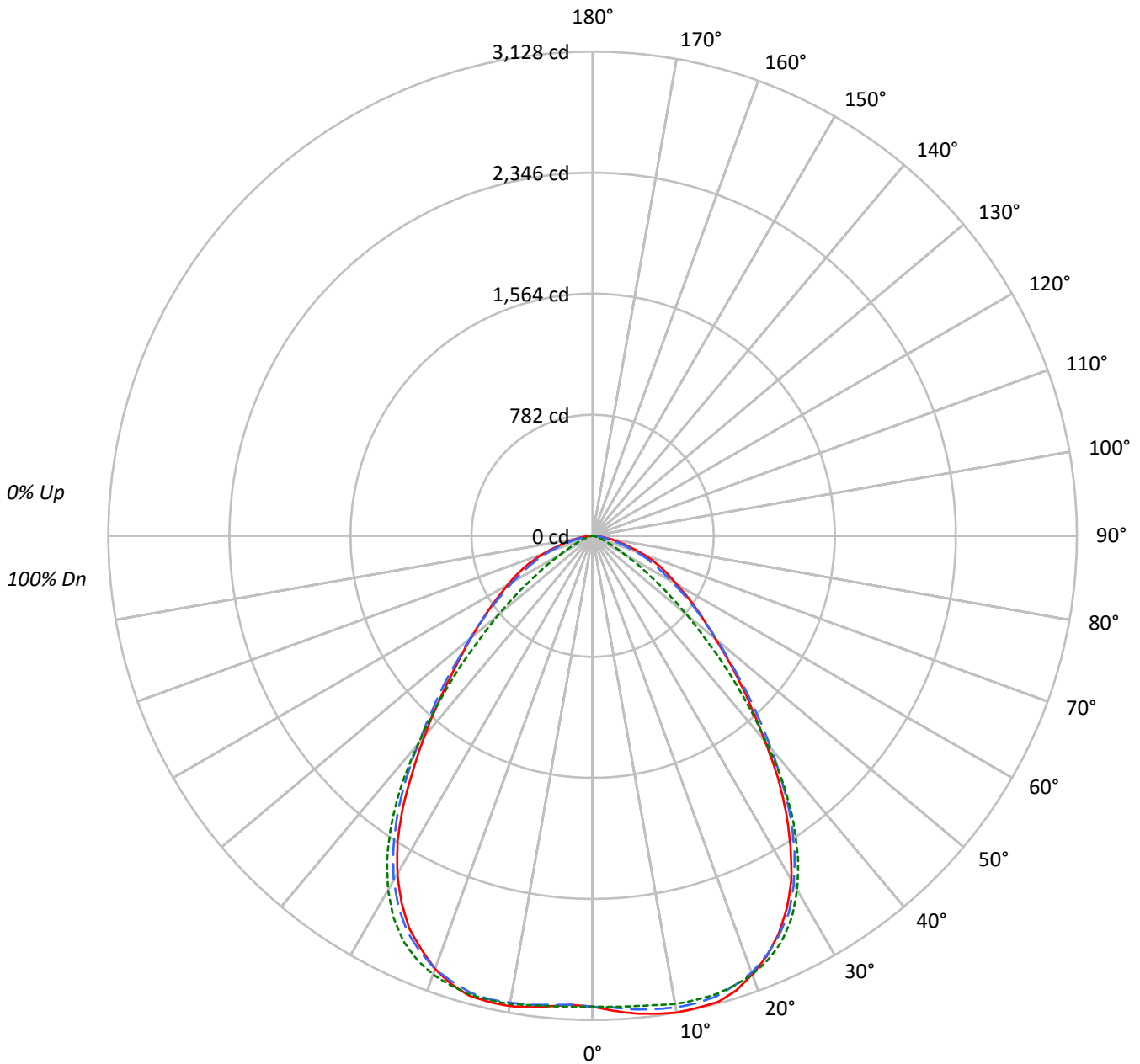
Input Watts (W): 62.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252734

CATALOG NUMBER: LE_6B60D010R EC6B60709035 6LBDW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252734

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|--|--|--|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 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 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 | | | | | | | | |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 89 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 80 | 78 | | | | | | | | |
| 3 | 95 | 87 | 80 | 75 | 93 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 75 | 71 | 77 | 74 | 70 | 68 | | | | | | | | |
| 4 | 89 | 78 | 71 | 65 | 87 | 77 | 70 | 65 | 75 | 69 | 64 | 73 | 67 | 63 | 71 | 66 | 62 | 61 | | | | | | | | |
| 5 | 82 | 71 | 64 | 58 | 80 | 70 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 56 | 65 | 60 | 56 | 54 | | | | | | | | |
| 6 | 77 | 65 | 57 | 52 | 75 | 64 | 57 | 51 | 63 | 56 | 51 | 61 | 55 | 51 | 59 | 54 | 50 | 48 | | | | | | | | |
| 7 | 72 | 60 | 52 | 47 | 70 | 59 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 46 | 55 | 50 | 45 | 44 | | | | | | | | |
| 8 | 67 | 55 | 47 | 42 | 66 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 45 | 41 | 40 | | | | | | | | |
| 9 | 63 | 51 | 43 | 38 | 62 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 36 | | | | | | | | |
| 10 | 59 | 47 | 40 | 35 | 58 | 47 | 40 | 35 | 46 | 39 | 35 | 45 | 39 | 35 | 44 | 39 | 35 | 33 | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 198455 | 198455 | 198455 |
| 5° | 202874 | 199770 | 199770 |
| 10° | 207214 | 203511 | 204366 |
| 15° | 210677 | 207192 | 207773 |
| 20° | 209394 | 209394 | 206700 |
| 25° | 204409 | 208123 | 201623 |
| 30° | 193494 | 199016 | 189931 |
| 35° | 173385 | 180243 | 169961 |
| 40° | 147302 | 149133 | 143632 |
| 45° | 124649 | 113928 | 120276 |
| 50° | 105242 | 80345 | 103932 |
| 55° | 92485 | 51867 | 91507 |
| 60° | 81955 | 30872 | 82529 |
| 65° | 75720 | 18602 | 75720 |
| 70° | 65656 | 10663 | 64016 |
| 75° | 52053 | 6529 | 48801 |
| 80° | 38773 | 4847 | 37195 |
| 85° | 35481 | 3144 | 32188 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 292.9 | 4.9 |
| 10°-20° | 866.7 | 14.4 |
| 20°-30° | 1303.5 | 21.6 |
| 30°-40° | 1370.5 | 22.7 |
| 40°-50° | 1023.8 | 17.0 |
| 50°-60° | 637.4 | 10.6 |
| 60°-70° | 362.5 | 6.0 |
| 70°-80° | 149.3 | 2.5 |
| 80°-90° | 30.9 | 0.5 |
| 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° | 2463.1 | 40.8 |
| 0°-40° | 3833.6 | 63.5 |
| 0°-60° | 5494.9 | 91.0 |
| 0°-90° | 6037.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6037.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3042 | 3042 | 3042 | 3042 | 3042 | |
| 5° | 3098 | 3072 | 3050 | 3042 | 3050 | 296 |
| 15° | 3119 | 3080 | 3068 | 3055 | 3076 | 877 |
| 25° | 2840 | 2848 | 2891 | 2827 | 2801 | 1300 |
| 35° | 2177 | 2233 | 2263 | 2198 | 2134 | 1351 |
| 45° | 1351 | 1381 | 1235 | 1355 | 1304 | 1047 |
| 55° | 813 | 796 | 456 | 783 | 804 | 731 |
| 65° | 490 | 439 | 120 | 439 | 490 | 483 |
| 75° | 206 | 164 | 26 | 159 | 194 | 224 |
| 85° | 47 | 30 | 4 | 26 | 43 | 53 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252734

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 |
| 2.5° | 3072.0 | 3067.6 | 3072.0 | 3063.4 | 3059.0 | 3059.0 | 3063.4 | 3054.8 | 3050.4 | 3054.8 | 3050.4 |
| 5° | 3097.8 | 3089.1 | 3093.5 | 3089.1 | 3080.5 | 3080.5 | 3084.9 | 3072.0 | 3072.0 | 3076.2 | 3072.0 |
| 7.5° | 3115.0 | 3115.0 | 3115.0 | 3106.4 | 3102.0 | 3097.8 | 3106.4 | 3093.5 | 3089.1 | 3089.1 | 3084.9 |
| 10° | 3127.9 | 3123.6 | 3127.9 | 3119.2 | 3110.6 | 3106.4 | 3115.0 | 3106.4 | 3097.8 | 3106.4 | 3093.5 |
| 12.5° | 3123.6 | 3123.6 | 3123.6 | 3119.2 | 3110.6 | 3106.4 | 3115.0 | 3102.0 | 3097.8 | 3102.0 | 3093.5 |
| 15° | 3119.2 | 3106.4 | 3110.6 | 3106.4 | 3093.5 | 3093.5 | 3097.8 | 3084.9 | 3076.2 | 3089.1 | 3080.5 |
| 17.5° | 3080.5 | 3072.0 | 3076.2 | 3067.6 | 3059.0 | 3054.8 | 3059.0 | 3054.8 | 3046.1 | 3054.8 | 3046.1 |
| 20° | 3016.0 | 3016.0 | 3020.2 | 3011.8 | 3003.1 | 2998.8 | 3007.4 | 2998.8 | 2990.2 | 3003.1 | 3003.1 |
| 22.5° | 2938.6 | 2938.6 | 2938.6 | 2934.2 | 2930.0 | 2930.0 | 2930.0 | 2925.6 | 2921.4 | 2930.0 | 2934.2 |
| 25° | 2839.6 | 2835.2 | 2839.6 | 2843.9 | 2839.6 | 2835.2 | 2839.6 | 2839.6 | 2831.0 | 2848.2 | 2848.2 |
| 27.5° | 2714.9 | 2714.9 | 2723.5 | 2719.1 | 2719.1 | 2714.9 | 2723.5 | 2723.5 | 2719.1 | 2732.0 | 2745.0 |
| 30° | 2568.5 | 2560.0 | 2568.5 | 2568.5 | 2572.9 | 2572.9 | 2577.1 | 2577.1 | 2577.1 | 2590.1 | 2598.6 |
| 32.5° | 2379.2 | 2383.5 | 2396.5 | 2392.1 | 2387.9 | 2400.8 | 2400.8 | 2409.4 | 2413.6 | 2422.2 | 2426.6 |
| 35° | 2177.0 | 2181.4 | 2181.4 | 2185.6 | 2194.2 | 2185.6 | 2207.1 | 2202.9 | 2207.1 | 2224.4 | 2233.0 |
| 37.5° | 1961.9 | 1949.0 | 1970.5 | 1961.9 | 1966.2 | 1966.2 | 1974.9 | 1979.1 | 1992.0 | 2013.5 | 2013.5 |
| 40° | 1729.6 | 1733.9 | 1742.5 | 1746.8 | 1751.1 | 1751.1 | 1751.1 | 1764.0 | 1768.2 | 1794.1 | 1789.9 |
| 42.5° | 1527.4 | 1527.4 | 1536.0 | 1540.2 | 1540.2 | 1540.2 | 1540.2 | 1553.1 | 1561.8 | 1570.4 | 1579.0 |
| 45° | 1351.0 | 1338.0 | 1346.6 | 1346.6 | 1355.2 | 1351.0 | 1359.6 | 1368.1 | 1372.5 | 1385.4 | 1381.1 |
| 47.5° | 1183.1 | 1178.9 | 1183.1 | 1187.5 | 1183.1 | 1187.5 | 1191.8 | 1196.1 | 1200.4 | 1200.4 | 1200.4 |
| 50° | 1036.9 | 1036.9 | 1041.2 | 1045.5 | 1045.5 | 1045.5 | 1045.5 | 1049.8 | 1049.8 | 1058.4 | 1049.8 |
| 52.5° | 916.4 | 920.8 | 920.8 | 916.4 | 920.8 | 920.8 | 925.0 | 925.0 | 920.8 | 920.8 | 907.9 |
| 55° | 813.1 | 808.9 | 813.1 | 808.9 | 813.1 | 813.1 | 808.9 | 808.9 | 804.5 | 800.2 | 796.0 |
| 57.5° | 714.2 | 714.2 | 714.2 | 714.2 | 709.9 | 714.2 | 709.9 | 705.6 | 705.6 | 697.0 | 684.1 |
| 60° | 628.1 | 628.1 | 628.1 | 628.1 | 628.1 | 623.9 | 628.1 | 623.9 | 615.2 | 606.6 | 589.4 |
| 62.5° | 555.0 | 550.8 | 555.0 | 550.8 | 550.8 | 546.4 | 546.4 | 542.1 | 533.5 | 524.9 | 507.6 |
| 65° | 490.5 | 494.8 | 490.5 | 490.5 | 486.1 | 481.9 | 481.9 | 477.6 | 464.6 | 456.0 | 438.9 |
| 67.5° | 421.6 | 417.4 | 417.4 | 417.4 | 413.0 | 413.0 | 413.0 | 404.4 | 395.9 | 382.9 | 365.8 |
| 70° | 344.2 | 344.2 | 344.2 | 339.9 | 339.9 | 335.6 | 335.6 | 331.2 | 322.6 | 314.1 | 292.6 |
| 72.5° | 271.0 | 271.0 | 271.0 | 262.5 | 266.8 | 262.5 | 262.5 | 253.9 | 249.5 | 236.6 | 223.8 |
| 75° | 206.5 | 206.5 | 202.2 | 202.2 | 197.9 | 193.6 | 193.6 | 189.2 | 185.0 | 176.4 | 163.5 |
| 77.5° | 150.6 | 150.6 | 150.6 | 146.2 | 142.0 | 137.6 | 137.6 | 133.4 | 129.1 | 124.8 | 116.1 |
| 80° | 103.2 | 103.2 | 103.2 | 103.2 | 99.0 | 94.6 | 94.6 | 90.4 | 90.4 | 86.0 | 77.5 |
| 82.5° | 68.9 | 68.9 | 68.9 | 68.9 | 64.5 | 64.5 | 64.5 | 60.2 | 55.9 | 55.9 | 47.4 |
| 85° | 47.4 | 47.4 | 43.0 | 43.0 | 43.0 | 43.0 | 38.8 | 38.8 | 34.4 | 30.1 | 30.1 |
| 87.5° | 25.9 | 25.9 | 25.9 | 25.9 | 21.5 | 21.5 | 21.5 | 21.5 | 17.2 | 17.2 | 12.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 |
| 2.5° | 3063.4 | 3063.4 | 3059.0 | 3046.1 | 3050.4 | 3046.1 | 3050.4 | 3046.1 | 3033.2 | 3046.1 | 3033.2 |
| 5° | 3080.5 | 3084.9 | 3076.2 | 3059.0 | 3063.4 | 3059.0 | 3059.0 | 3054.8 | 3041.9 | 3050.4 | 3041.9 |
| 7.5° | 3097.8 | 3093.5 | 3089.1 | 3072.0 | 3076.2 | 3072.0 | 3072.0 | 3063.4 | 3050.4 | 3059.0 | 3046.1 |
| 10° | 3106.4 | 3106.4 | 3097.8 | 3080.5 | 3080.5 | 3076.2 | 3080.5 | 3076.2 | 3059.0 | 3072.0 | 3063.4 |
| 12.5° | 3106.4 | 3102.0 | 3102.0 | 3080.5 | 3084.9 | 3080.5 | 3084.9 | 3076.2 | 3063.4 | 3072.0 | 3067.6 |
| 15° | 3093.5 | 3093.5 | 3089.1 | 3067.6 | 3072.0 | 3072.0 | 3076.2 | 3067.6 | 3054.8 | 3067.6 | 3059.0 |
| 17.5° | 3067.6 | 3067.6 | 3063.4 | 3046.1 | 3054.8 | 3054.8 | 3059.0 | 3050.4 | 3037.5 | 3046.1 | 3046.1 |
| 20° | 3016.0 | 3020.2 | 3020.2 | 3007.4 | 3016.0 | 3016.0 | 3020.2 | 3016.0 | 3011.8 | 3016.0 | 3007.4 |
| 22.5° | 2955.8 | 2964.4 | 2964.4 | 2951.5 | 2960.1 | 2960.1 | 2973.0 | 2968.6 | 2960.1 | 2964.4 | 2960.1 |
| 25° | 2865.4 | 2874.0 | 2882.6 | 2874.0 | 2882.6 | 2882.6 | 2895.5 | 2891.2 | 2882.6 | 2891.2 | 2878.4 |
| 27.5° | 2762.1 | 2766.5 | 2775.1 | 2766.5 | 2779.4 | 2775.1 | 2788.0 | 2783.6 | 2770.8 | 2783.6 | 2779.4 |
| 30° | 2615.9 | 2633.1 | 2646.0 | 2633.1 | 2646.0 | 2646.0 | 2654.6 | 2650.2 | 2646.0 | 2641.8 | 2641.8 |
| 32.5° | 2452.4 | 2469.6 | 2469.6 | 2465.2 | 2473.9 | 2473.9 | 2478.2 | 2469.6 | 2465.2 | 2469.6 | 2473.9 |
| 35° | 2250.1 | 2258.8 | 2267.4 | 2263.1 | 2267.4 | 2271.6 | 2267.4 | 2271.6 | 2258.8 | 2263.1 | 2263.1 |
| 37.5° | 2030.8 | 2039.4 | 2039.4 | 2026.5 | 2035.0 | 2035.0 | 2026.5 | 2026.5 | 2017.9 | 2026.5 | 2009.2 |
| 40° | 1798.4 | 1789.9 | 1794.1 | 1785.5 | 1776.9 | 1776.9 | 1772.6 | 1755.4 | 1746.8 | 1751.1 | 1755.4 |
| 42.5° | 1570.4 | 1570.4 | 1557.5 | 1536.0 | 1514.5 | 1514.5 | 1501.5 | 1493.0 | 1475.8 | 1484.4 | 1480.0 |
| 45° | 1376.8 | 1355.2 | 1338.0 | 1303.6 | 1290.8 | 1282.1 | 1260.6 | 1239.1 | 1230.5 | 1234.8 | 1230.5 |
| 47.5° | 1191.8 | 1174.6 | 1131.5 | 1084.2 | 1071.2 | 1058.4 | 1032.6 | 1006.8 | 998.1 | 989.5 | 989.5 |
| 50° | 1036.9 | 1006.8 | 959.5 | 907.9 | 886.2 | 864.8 | 830.4 | 804.5 | 787.4 | 791.6 | 791.6 |
| 52.5° | 894.9 | 860.5 | 804.5 | 740.0 | 714.2 | 688.4 | 658.2 | 628.1 | 615.2 | 611.0 | 611.0 |
| 55° | 770.1 | 731.4 | 675.5 | 602.4 | 580.9 | 550.8 | 512.0 | 477.6 | 460.4 | 456.0 | 464.6 |
| 57.5° | 658.2 | 623.9 | 559.4 | 486.1 | 460.4 | 430.2 | 391.5 | 361.4 | 339.9 | 335.6 | 339.9 |
| 60° | 567.9 | 520.6 | 464.6 | 395.9 | 361.4 | 335.6 | 292.6 | 266.8 | 245.2 | 236.6 | 240.9 |
| 62.5° | 477.6 | 434.5 | 378.6 | 309.8 | 284.0 | 258.1 | 219.4 | 189.2 | 172.1 | 167.8 | 172.1 |
| 65° | 408.8 | 365.8 | 314.1 | 253.9 | 228.0 | 202.2 | 167.8 | 137.6 | 124.8 | 120.5 | 124.8 |
| 67.5° | 339.9 | 301.1 | 258.1 | 202.2 | 180.8 | 159.2 | 124.8 | 103.2 | 86.0 | 81.8 | 86.0 |
| 70° | 275.4 | 240.9 | 197.9 | 159.2 | 137.6 | 120.5 | 94.6 | 73.1 | 60.2 | 55.9 | 60.2 |
| 72.5° | 206.5 | 180.8 | 150.6 | 116.1 | 103.2 | 90.4 | 68.9 | 51.6 | 43.0 | 38.8 | 43.0 |
| 75° | 150.6 | 129.1 | 107.5 | 81.8 | 73.1 | 64.5 | 47.4 | 34.4 | 30.1 | 25.9 | 30.1 |
| 77.5° | 103.2 | 90.4 | 73.1 | 55.9 | 47.4 | 43.0 | 30.1 | 25.9 | 21.5 | 17.2 | 17.2 |
| 80° | 68.9 | 60.2 | 47.4 | 38.8 | 34.4 | 30.1 | 21.5 | 17.2 | 12.9 | 12.9 | 12.9 |
| 82.5° | 43.0 | 34.4 | 30.1 | 21.5 | 17.2 | 17.2 | 12.9 | 8.6 | 8.6 | 8.6 | 8.6 |
| 85° | 25.9 | 21.5 | 17.2 | 12.9 | 8.6 | 8.6 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 87.5° | 12.9 | 8.6 | 8.6 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 0.0 | 0.0 | 4.2 |
| 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: P252734

CATALOG NUMBER: LE_6B60D010R EC6B60709035 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 |
| 2.5° | 3041.9 | 3033.2 | 3033.2 | 3037.5 | 3041.9 | 3046.1 | 3037.5 | 3033.2 | 3033.2 | 3046.1 | 3037.5 |
| 5° | 3041.9 | 3037.5 | 3037.5 | 3037.5 | 3046.1 | 3050.4 | 3041.9 | 3037.5 | 3041.9 | 3054.8 | 3050.4 |
| 7.5° | 3054.8 | 3046.1 | 3050.4 | 3050.4 | 3054.8 | 3063.4 | 3054.8 | 3050.4 | 3054.8 | 3067.6 | 3059.0 |
| 10° | 3063.4 | 3054.8 | 3059.0 | 3054.8 | 3067.6 | 3072.0 | 3063.4 | 3059.0 | 3063.4 | 3080.5 | 3076.2 |
| 12.5° | 3067.6 | 3063.4 | 3063.4 | 3059.0 | 3072.0 | 3076.2 | 3067.6 | 3063.4 | 3067.6 | 3080.5 | 3076.2 |
| 15° | 3059.0 | 3054.8 | 3054.8 | 3054.8 | 3063.4 | 3072.0 | 3059.0 | 3054.8 | 3054.8 | 3067.6 | 3063.4 |
| 17.5° | 3041.9 | 3033.2 | 3033.2 | 3033.2 | 3037.5 | 3041.9 | 3028.9 | 3024.6 | 3020.2 | 3033.2 | 3028.9 |
| 20° | 3011.8 | 3003.1 | 2994.5 | 2994.5 | 2998.8 | 2998.8 | 2990.2 | 2977.2 | 2977.2 | 2981.6 | 2973.0 |
| 22.5° | 2955.8 | 2951.5 | 2942.9 | 2938.6 | 2947.1 | 2942.9 | 2925.6 | 2912.8 | 2908.5 | 2912.8 | 2904.1 |
| 25° | 2878.4 | 2869.8 | 2865.4 | 2861.1 | 2865.4 | 2861.1 | 2843.9 | 2826.8 | 2826.8 | 2826.8 | 2813.8 |
| 27.5° | 2770.8 | 2762.1 | 2757.9 | 2757.9 | 2762.1 | 2753.5 | 2736.4 | 2719.1 | 2710.5 | 2710.5 | 2697.6 |
| 30° | 2633.1 | 2633.1 | 2628.8 | 2624.5 | 2620.1 | 2620.1 | 2594.4 | 2577.1 | 2568.5 | 2572.9 | 2564.2 |
| 32.5° | 2465.2 | 2461.0 | 2456.8 | 2443.8 | 2448.1 | 2443.8 | 2422.2 | 2409.4 | 2396.5 | 2387.9 | 2383.5 |
| 35° | 2250.1 | 2250.1 | 2245.9 | 2245.9 | 2245.9 | 2241.6 | 2220.0 | 2207.1 | 2198.5 | 2194.2 | 2181.4 |
| 37.5° | 2013.5 | 2009.2 | 2004.9 | 2004.9 | 2004.9 | 2004.9 | 1992.0 | 1979.1 | 1979.1 | 1974.9 | 1966.2 |
| 40° | 1746.8 | 1751.1 | 1755.4 | 1751.1 | 1764.0 | 1776.9 | 1759.8 | 1751.1 | 1746.8 | 1759.8 | 1742.5 |
| 42.5° | 1488.6 | 1484.4 | 1505.9 | 1510.1 | 1510.1 | 1531.6 | 1536.0 | 1540.2 | 1536.0 | 1544.6 | 1544.6 |
| 45° | 1239.1 | 1234.8 | 1256.2 | 1264.9 | 1286.4 | 1312.2 | 1325.1 | 1346.6 | 1355.2 | 1363.9 | 1355.2 |
| 47.5° | 1002.5 | 1019.6 | 1036.9 | 1058.4 | 1075.6 | 1118.6 | 1144.5 | 1166.0 | 1174.6 | 1187.5 | 1187.5 |
| 50° | 804.5 | 821.8 | 851.9 | 869.1 | 890.6 | 942.2 | 985.2 | 1015.4 | 1032.6 | 1045.5 | 1041.2 |
| 52.5° | 619.5 | 649.6 | 688.4 | 705.6 | 735.8 | 796.0 | 843.2 | 877.8 | 899.2 | 912.1 | 916.4 |
| 55° | 477.6 | 503.4 | 542.1 | 567.9 | 598.0 | 662.6 | 722.8 | 761.5 | 783.0 | 800.2 | 808.9 |
| 57.5° | 352.8 | 382.9 | 426.0 | 447.5 | 481.9 | 555.0 | 606.6 | 654.0 | 679.8 | 701.2 | 705.6 |
| 60° | 258.1 | 288.2 | 327.0 | 352.8 | 387.2 | 460.4 | 520.6 | 563.6 | 593.8 | 611.0 | 619.5 |
| 62.5° | 185.0 | 215.1 | 253.9 | 279.6 | 309.8 | 374.2 | 434.5 | 477.6 | 507.6 | 529.2 | 542.1 |
| 65° | 133.4 | 163.5 | 202.2 | 223.8 | 249.5 | 309.8 | 365.8 | 408.8 | 438.9 | 464.6 | 473.2 |
| 67.5° | 99.0 | 120.5 | 154.9 | 176.4 | 202.2 | 249.5 | 296.9 | 335.6 | 365.8 | 387.2 | 395.9 |
| 70° | 73.1 | 90.4 | 120.5 | 133.4 | 150.6 | 193.6 | 232.4 | 266.8 | 292.6 | 309.8 | 318.4 |
| 72.5° | 51.6 | 64.5 | 86.0 | 99.0 | 111.9 | 146.2 | 176.4 | 202.2 | 219.4 | 236.6 | 245.2 |
| 75° | 34.4 | 43.0 | 60.2 | 68.9 | 77.5 | 103.2 | 124.8 | 146.2 | 159.2 | 172.1 | 176.4 |
| 77.5° | 21.5 | 30.1 | 43.0 | 47.4 | 55.9 | 68.9 | 86.0 | 99.0 | 107.5 | 116.1 | 124.8 |
| 80° | 12.9 | 17.2 | 25.9 | 30.1 | 34.4 | 47.4 | 55.9 | 64.5 | 73.1 | 81.8 | 86.0 |
| 82.5° | 8.6 | 12.9 | 17.2 | 17.2 | 21.5 | 25.9 | 34.4 | 43.0 | 47.4 | 51.6 | 55.9 |
| 85° | 4.2 | 4.2 | 8.6 | 8.6 | 12.9 | 12.9 | 17.2 | 21.5 | 25.9 | 30.1 | 34.4 |
| 87.5° | 4.2 | 4.2 | 4.2 | 4.2 | 8.6 | 8.6 | 12.9 | 12.9 | 12.9 | 17.2 | 17.2 |
| 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: P252734

CATALOG NUMBER: LE_6B60D010R EC6B60709035 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 | 3041.9 |
| 2.5° | 3028.9 | 3041.9 | 3028.9 | 3037.5 | 3033.2 | 3033.2 | 3028.9 | 3033.2 |
| 5° | 3041.9 | 3059.0 | 3041.9 | 3054.8 | 3046.1 | 3046.1 | 3046.1 | 3050.4 |
| 7.5° | 3054.8 | 3072.0 | 3059.0 | 3072.0 | 3067.6 | 3063.4 | 3063.4 | 3072.0 |
| 10° | 3067.6 | 3080.5 | 3072.0 | 3084.9 | 3080.5 | 3076.2 | 3076.2 | 3084.9 |
| 12.5° | 3067.6 | 3084.9 | 3076.2 | 3089.1 | 3084.9 | 3080.5 | 3080.5 | 3084.9 |
| 15° | 3054.8 | 3076.2 | 3063.4 | 3076.2 | 3072.0 | 3067.6 | 3067.6 | 3076.2 |
| 17.5° | 3016.0 | 3033.2 | 3024.6 | 3033.2 | 3033.2 | 3028.9 | 3033.2 | 3037.5 |
| 20° | 2964.4 | 2977.2 | 2968.6 | 2977.2 | 2977.2 | 2968.6 | 2973.0 | 2977.2 |
| 22.5° | 2891.2 | 2904.1 | 2895.5 | 2904.1 | 2899.9 | 2895.5 | 2895.5 | 2891.2 |
| 25° | 2800.9 | 2818.1 | 2805.2 | 2813.8 | 2805.2 | 2796.6 | 2796.6 | 2800.9 |
| 27.5° | 2689.0 | 2701.9 | 2684.8 | 2693.4 | 2684.8 | 2676.1 | 2676.1 | 2671.8 |
| 30° | 2542.8 | 2547.0 | 2534.1 | 2542.8 | 2534.1 | 2529.9 | 2521.2 | 2521.2 |
| 32.5° | 2366.4 | 2370.6 | 2357.8 | 2357.8 | 2349.1 | 2349.1 | 2331.9 | 2344.9 |
| 35° | 2159.9 | 2164.1 | 2159.9 | 2155.5 | 2142.6 | 2138.2 | 2134.0 | 2134.0 |
| 37.5° | 1944.8 | 1944.8 | 1931.8 | 1927.5 | 1918.9 | 1910.2 | 1914.6 | 1901.6 |
| 40° | 1725.2 | 1721.0 | 1708.1 | 1712.4 | 1708.1 | 1695.1 | 1690.9 | 1686.5 |
| 42.5° | 1518.8 | 1518.8 | 1505.9 | 1510.1 | 1501.5 | 1497.2 | 1484.4 | 1488.6 |
| 45° | 1338.0 | 1338.0 | 1325.1 | 1325.1 | 1320.9 | 1308.0 | 1312.2 | 1303.6 |
| 47.5° | 1174.6 | 1174.6 | 1170.2 | 1170.2 | 1157.4 | 1153.0 | 1153.0 | 1153.0 |
| 50° | 1032.6 | 1032.6 | 1032.6 | 1032.6 | 1028.2 | 1024.0 | 1019.6 | 1024.0 |
| 52.5° | 912.1 | 920.8 | 916.4 | 916.4 | 912.1 | 907.9 | 903.5 | 903.5 |
| 55° | 804.5 | 808.9 | 808.9 | 813.1 | 808.9 | 804.5 | 808.9 | 804.5 |
| 57.5° | 709.9 | 718.5 | 718.5 | 718.5 | 718.5 | 718.5 | 714.2 | 709.9 |
| 60° | 628.1 | 632.5 | 632.5 | 636.8 | 636.8 | 636.8 | 632.5 | 632.5 |
| 62.5° | 546.4 | 555.0 | 559.4 | 559.4 | 563.6 | 559.4 | 559.4 | 559.4 |
| 65° | 481.9 | 490.5 | 494.8 | 490.5 | 494.8 | 494.8 | 490.5 | 490.5 |
| 67.5° | 404.4 | 413.0 | 413.0 | 413.0 | 413.0 | 417.4 | 413.0 | 413.0 |
| 70° | 327.0 | 335.6 | 331.2 | 335.6 | 335.6 | 335.6 | 335.6 | 335.6 |
| 72.5° | 249.5 | 253.9 | 258.1 | 258.1 | 262.5 | 258.1 | 258.1 | 258.1 |
| 75° | 180.8 | 189.2 | 189.2 | 189.2 | 189.2 | 193.6 | 193.6 | 193.6 |
| 77.5° | 129.1 | 133.4 | 133.4 | 137.6 | 137.6 | 137.6 | 137.6 | 142.0 |
| 80° | 90.4 | 90.4 | 94.6 | 94.6 | 99.0 | 99.0 | 99.0 | 99.0 |
| 82.5° | 60.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| 85° | 34.4 | 38.8 | 38.8 | 38.8 | 38.8 | 43.0 | 43.0 | 43.0 |
| 87.5° | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 17.2 | 17.2 |
| 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)