

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: P252287

Luminaire Tested: **LE_6B40D010 EC6B30508040 6LBSW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252287
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-7)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B40D010 EC6B30508040 6LBSW1H
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5000.0 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.18 / 1.16
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

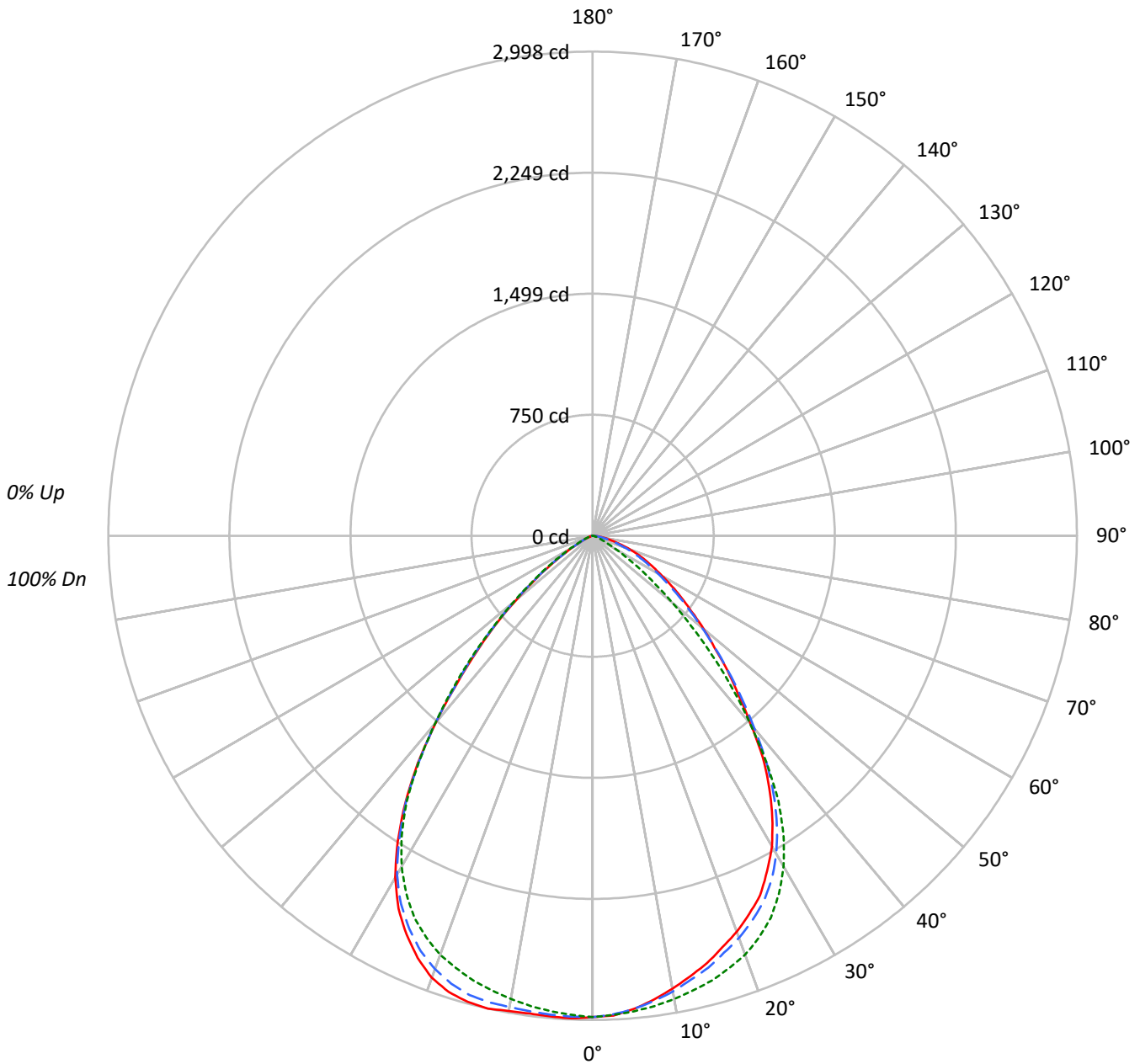
Input Watts (W): 43
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

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 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 72 | | | |
| 4 | 91 | 81 | 74 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 69 | 66 | 64 | | | |
| 5 | 85 | 74 | 67 | 62 | 83 | 73 | 66 | 61 | 71 | 65 | 61 | 70 | 64 | 60 | 68 | 63 | 60 | 58 | | | |
| 6 | 79 | 68 | 61 | 55 | 78 | 67 | 60 | 55 | 66 | 59 | 55 | 64 | 59 | 54 | 63 | 58 | 54 | 52 | | | |
| 7 | 74 | 63 | 55 | 50 | 73 | 62 | 55 | 50 | 61 | 54 | 50 | 59 | 54 | 49 | 58 | 53 | 49 | 47 | | | |
| 8 | 70 | 58 | 51 | 46 | 68 | 57 | 50 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | |
| 9 | 65 | 54 | 47 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 46 | 41 | 50 | 45 | 41 | 40 | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 194430 | 194430 | 194430 |
| 5° | 192593 | 193529 | 195651 |
| 10° | 188612 | 192905 | 197913 |
| 15° | 185004 | 192549 | 201782 |
| 20° | 181178 | 191676 | 202166 |
| 25° | 176709 | 187852 | 196145 |
| 30° | 167308 | 178148 | 184115 |
| 35° | 151929 | 159678 | 161112 |
| 40° | 129665 | 129060 | 128438 |
| 45° | 108927 | 96638 | 93648 |
| 50° | 90961 | 65384 | 62106 |
| 55° | 76561 | 40129 | 36443 |
| 60° | 64823 | 21138 | 18320 |
| 65° | 56114 | 11115 | 8892 |
| 70° | 46696 | 6867 | 4807 |
| 75° | 34483 | 4537 | 2722 |
| 80° | 27051 | 2705 | 1353 |
| 85° | 21558 | 2695 | 0 |



TEST NUMBER: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 280.9 | 5.6 |
| 10°-20° | 804.2 | 16.1 |
| 20°-30° | 1187.6 | 23.8 |
| 30°-40° | 1223.9 | 24.5 |
| 40°-50° | 845.3 | 16.9 |
| 50°-60° | 416.7 | 8.3 |
| 60°-70° | 168.8 | 3.4 |
| 70°-80° | 60.2 | 1.2 |
| 80°-90° | 12.4 | 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° | 2272.7 | 45.5 |
| 0°-40° | 3496.6 | 69.9 |
| 0°-60° | 4758.6 | 95.2 |
| 0°-90° | 5000.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5000.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2980 | 2980 | 2980 | 2980 | 2980 | |
| 5° | 2941 | 2941 | 2955 | 2977 | 2988 | 278 |
| 15° | 2739 | 2768 | 2851 | 2944 | 2988 | 771 |
| 25° | 2455 | 2502 | 2610 | 2685 | 2725 | 1122 |
| 35° | 1908 | 1954 | 2005 | 2016 | 2023 | 1182 |
| 45° | 1181 | 1188 | 1047 | 1033 | 1015 | 913 |
| 55° | 673 | 648 | 353 | 331 | 320 | 608 |
| 65° | 364 | 328 | 72 | 58 | 58 | 361 |
| 75° | 137 | 115 | 18 | 11 | 11 | 154 |
| 85° | 29 | 22 | 4 | 0 | 0 | 35 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 |
| 2.5° | 2973.1 | 2962.2 | 2969.5 | 2955.1 | 2973.1 | 2955.1 | 2958.8 | 2962.2 | 2958.8 | 2962.2 | 2965.9 |
| 5° | 2940.8 | 2929.9 | 2940.8 | 2922.8 | 2940.8 | 2929.9 | 2929.9 | 2933.5 | 2933.5 | 2937.1 | 2940.8 |
| 7.5° | 2897.5 | 2886.8 | 2897.5 | 2879.5 | 2901.1 | 2890.4 | 2890.4 | 2897.5 | 2893.9 | 2897.5 | 2904.8 |
| 10° | 2847.1 | 2832.8 | 2843.5 | 2832.8 | 2854.4 | 2839.9 | 2847.1 | 2847.1 | 2847.1 | 2857.9 | 2865.1 |
| 12.5° | 2793.1 | 2778.8 | 2793.1 | 2775.1 | 2796.8 | 2786.0 | 2789.5 | 2800.4 | 2803.9 | 2811.1 | 2814.8 |
| 15° | 2739.1 | 2721.1 | 2728.4 | 2717.5 | 2739.1 | 2728.4 | 2732.0 | 2746.4 | 2746.4 | 2757.1 | 2768.0 |
| 17.5° | 2670.8 | 2656.4 | 2670.8 | 2656.4 | 2674.4 | 2667.1 | 2674.4 | 2685.1 | 2685.1 | 2696.0 | 2706.8 |
| 20° | 2609.6 | 2595.1 | 2606.0 | 2595.1 | 2616.8 | 2606.0 | 2609.6 | 2624.0 | 2627.6 | 2638.4 | 2649.1 |
| 22.5° | 2534.0 | 2523.1 | 2530.4 | 2519.6 | 2541.1 | 2534.0 | 2537.6 | 2552.0 | 2555.6 | 2562.8 | 2580.8 |
| 25° | 2454.8 | 2433.2 | 2444.0 | 2436.8 | 2458.4 | 2447.6 | 2454.8 | 2469.2 | 2476.4 | 2487.2 | 2501.6 |
| 27.5° | 2339.6 | 2328.9 | 2336.0 | 2336.0 | 2354.0 | 2343.2 | 2346.8 | 2361.2 | 2372.0 | 2382.8 | 2400.8 |
| 30° | 2220.9 | 2202.9 | 2210.0 | 2213.6 | 2228.0 | 2220.9 | 2228.0 | 2242.4 | 2246.0 | 2260.4 | 2274.9 |
| 32.5° | 2069.6 | 2062.5 | 2076.9 | 2069.6 | 2076.9 | 2076.9 | 2080.5 | 2091.2 | 2098.5 | 2105.6 | 2123.6 |
| 35° | 1907.6 | 1893.2 | 1907.6 | 1900.5 | 1918.5 | 1907.6 | 1918.5 | 1929.2 | 1929.2 | 1943.6 | 1954.5 |
| 37.5° | 1731.4 | 1713.4 | 1720.5 | 1720.5 | 1727.8 | 1724.1 | 1724.1 | 1742.1 | 1745.8 | 1756.5 | 1767.2 |
| 40° | 1522.5 | 1515.4 | 1529.8 | 1526.1 | 1529.8 | 1529.8 | 1533.4 | 1544.1 | 1551.4 | 1555.0 | 1558.5 |
| 42.5° | 1335.4 | 1339.0 | 1342.6 | 1342.6 | 1342.6 | 1342.6 | 1342.6 | 1357.0 | 1353.4 | 1364.1 | 1367.8 |
| 45° | 1180.6 | 1166.2 | 1173.4 | 1169.8 | 1180.6 | 1169.8 | 1180.6 | 1191.4 | 1184.2 | 1195.0 | 1187.8 |
| 47.5° | 1022.2 | 1022.2 | 1022.2 | 1018.6 | 1025.9 | 1022.2 | 1029.4 | 1033.0 | 1033.0 | 1033.0 | 1029.4 |
| 50° | 896.2 | 885.5 | 889.0 | 889.0 | 892.6 | 889.0 | 896.2 | 899.9 | 899.9 | 892.6 | 878.2 |
| 52.5° | 773.9 | 770.2 | 770.2 | 777.5 | 777.5 | 773.9 | 773.9 | 773.9 | 773.9 | 763.1 | 755.9 |
| 55° | 673.1 | 665.9 | 669.5 | 669.5 | 669.5 | 669.5 | 673.1 | 669.5 | 669.5 | 658.8 | 647.9 |
| 57.5° | 583.1 | 575.9 | 575.9 | 575.9 | 579.5 | 575.9 | 575.9 | 575.9 | 572.2 | 561.5 | 547.1 |
| 60° | 496.8 | 493.1 | 496.8 | 496.8 | 500.4 | 496.8 | 496.8 | 496.8 | 489.5 | 478.8 | 464.4 |
| 62.5° | 424.8 | 424.8 | 424.8 | 428.4 | 428.4 | 424.8 | 424.8 | 421.1 | 417.5 | 403.1 | 388.8 |
| 65° | 363.5 | 360.0 | 363.5 | 363.5 | 367.1 | 367.1 | 363.5 | 360.0 | 356.4 | 342.0 | 327.5 |
| 67.5° | 302.4 | 298.8 | 302.4 | 302.4 | 306.0 | 302.4 | 302.4 | 302.4 | 291.5 | 284.4 | 270.0 |
| 70° | 244.8 | 241.1 | 241.1 | 241.1 | 244.8 | 237.5 | 241.1 | 241.1 | 234.0 | 223.1 | 208.8 |
| 72.5° | 187.1 | 187.1 | 187.1 | 187.1 | 187.1 | 187.1 | 183.6 | 183.6 | 176.4 | 165.6 | 158.4 |
| 75° | 136.8 | 136.8 | 140.4 | 140.4 | 136.8 | 136.8 | 136.8 | 133.1 | 129.6 | 122.4 | 115.1 |
| 77.5° | 100.8 | 100.8 | 100.8 | 100.8 | 97.1 | 97.1 | 97.1 | 93.6 | 90.0 | 86.4 | 79.1 |
| 80° | 72.0 | 72.0 | 72.0 | 68.4 | 72.0 | 68.4 | 68.4 | 68.4 | 61.2 | 57.6 | 54.0 |
| 82.5° | 50.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 43.2 | 43.2 | 39.6 | 36.0 |
| 85° | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 25.2 | 21.6 | 21.6 |
| 87.5° | 14.4 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 14.4 | 14.4 | 14.4 | 10.8 |
| 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: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 |
| 2.5° | 2965.9 | 2965.9 | 2973.1 | 2962.2 | 2980.2 | 2969.5 | 2965.9 | 2983.9 | 2973.1 | 2969.5 | 2976.8 |
| 5° | 2940.8 | 2944.4 | 2947.9 | 2940.8 | 2958.8 | 2947.9 | 2947.9 | 2965.9 | 2958.8 | 2955.1 | 2965.9 |
| 7.5° | 2908.4 | 2911.9 | 2919.1 | 2915.5 | 2929.9 | 2922.8 | 2926.4 | 2944.4 | 2937.1 | 2937.1 | 2947.9 |
| 10° | 2868.8 | 2875.9 | 2883.1 | 2883.1 | 2901.1 | 2893.9 | 2893.9 | 2915.5 | 2908.4 | 2911.9 | 2926.4 |
| 12.5° | 2821.9 | 2832.8 | 2843.5 | 2847.1 | 2865.1 | 2854.4 | 2857.9 | 2883.1 | 2879.5 | 2883.1 | 2897.5 |
| 15° | 2771.5 | 2786.0 | 2796.8 | 2796.8 | 2818.4 | 2807.5 | 2818.4 | 2843.5 | 2836.4 | 2850.8 | 2868.8 |
| 17.5° | 2714.0 | 2728.4 | 2742.8 | 2746.4 | 2768.0 | 2760.8 | 2775.1 | 2800.4 | 2800.4 | 2807.5 | 2829.1 |
| 20° | 2660.0 | 2678.0 | 2685.1 | 2696.0 | 2717.5 | 2714.0 | 2721.1 | 2750.0 | 2750.0 | 2760.8 | 2782.4 |
| 22.5° | 2588.0 | 2606.0 | 2620.4 | 2631.1 | 2649.1 | 2649.1 | 2660.0 | 2685.1 | 2685.1 | 2692.4 | 2714.0 |
| 25° | 2508.8 | 2530.4 | 2541.1 | 2552.0 | 2570.0 | 2566.4 | 2577.1 | 2598.8 | 2602.4 | 2609.6 | 2631.1 |
| 27.5° | 2408.0 | 2426.0 | 2440.4 | 2447.6 | 2472.8 | 2458.4 | 2469.2 | 2494.4 | 2490.8 | 2498.0 | 2516.0 |
| 30° | 2282.0 | 2300.0 | 2314.4 | 2314.4 | 2336.0 | 2336.0 | 2346.8 | 2357.6 | 2357.6 | 2364.8 | 2379.2 |
| 32.5° | 2134.5 | 2156.0 | 2156.0 | 2166.9 | 2181.2 | 2166.9 | 2181.2 | 2195.6 | 2188.5 | 2199.2 | 2210.0 |
| 35° | 1965.2 | 1976.1 | 1979.6 | 1979.6 | 1990.5 | 1986.9 | 1983.2 | 1994.1 | 1986.9 | 2004.9 | 2015.6 |
| 37.5° | 1760.1 | 1774.5 | 1767.2 | 1774.5 | 1770.9 | 1760.1 | 1760.1 | 1778.1 | 1763.8 | 1767.2 | 1778.1 |
| 40° | 1562.1 | 1562.1 | 1558.5 | 1540.5 | 1544.1 | 1533.4 | 1529.8 | 1533.4 | 1519.0 | 1515.4 | 1529.8 |
| 42.5° | 1357.0 | 1353.4 | 1342.6 | 1317.4 | 1321.0 | 1303.0 | 1288.6 | 1288.6 | 1281.4 | 1277.8 | 1281.4 |
| 45° | 1173.4 | 1162.6 | 1144.6 | 1115.9 | 1108.6 | 1094.2 | 1065.4 | 1058.2 | 1047.4 | 1047.4 | 1051.0 |
| 47.5° | 1004.2 | 989.9 | 961.0 | 928.6 | 910.6 | 892.6 | 863.9 | 853.0 | 835.0 | 827.9 | 835.0 |
| 50° | 863.9 | 838.6 | 802.6 | 755.9 | 737.9 | 716.2 | 687.5 | 669.5 | 651.5 | 644.2 | 640.8 |
| 52.5° | 734.2 | 698.2 | 662.2 | 604.8 | 590.2 | 568.8 | 529.1 | 511.1 | 493.1 | 478.8 | 478.8 |
| 55° | 622.8 | 590.2 | 539.9 | 485.9 | 464.4 | 442.8 | 403.1 | 378.0 | 360.0 | 352.8 | 345.5 |
| 57.5° | 521.9 | 485.9 | 439.1 | 381.5 | 360.0 | 338.4 | 298.8 | 273.5 | 255.5 | 244.8 | 237.5 |
| 60° | 439.1 | 399.5 | 352.8 | 302.4 | 277.1 | 255.5 | 216.0 | 190.8 | 172.8 | 162.0 | 154.8 |
| 62.5° | 360.0 | 327.5 | 280.8 | 234.0 | 212.4 | 190.8 | 158.4 | 133.1 | 115.1 | 108.0 | 97.1 |
| 65° | 302.4 | 270.0 | 226.8 | 187.1 | 169.1 | 147.6 | 118.8 | 97.1 | 82.8 | 72.0 | 64.8 |
| 67.5° | 244.8 | 219.6 | 183.6 | 147.6 | 129.6 | 115.1 | 90.0 | 72.0 | 57.6 | 50.4 | 46.8 |
| 70° | 194.4 | 169.1 | 140.4 | 111.6 | 100.8 | 86.4 | 68.4 | 50.4 | 43.2 | 36.0 | 32.4 |
| 72.5° | 144.0 | 126.0 | 104.4 | 82.8 | 72.0 | 64.8 | 46.8 | 39.6 | 28.8 | 25.2 | 21.6 |
| 75° | 104.4 | 90.0 | 75.6 | 57.6 | 50.4 | 46.8 | 36.0 | 25.2 | 21.6 | 18.0 | 14.4 |
| 77.5° | 72.0 | 64.8 | 50.4 | 39.6 | 36.0 | 32.4 | 25.2 | 18.0 | 14.4 | 10.8 | 10.8 |
| 80° | 46.8 | 39.6 | 32.4 | 25.2 | 25.2 | 21.6 | 14.4 | 10.8 | 10.8 | 7.2 | 7.2 |
| 82.5° | 28.8 | 25.2 | 21.6 | 18.0 | 14.4 | 14.4 | 10.8 | 7.2 | 7.2 | 3.6 | 3.6 |
| 85° | 18.0 | 14.4 | 10.8 | 10.8 | 7.2 | 7.2 | 7.2 | 3.6 | 3.6 | 3.6 | 3.6 |
| 87.5° | 7.2 | 7.2 | 7.2 | 3.6 | 3.6 | 3.6 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 |
| 2.5° | 2976.8 | 2976.8 | 2983.9 | 2973.1 | 2980.2 | 2980.2 | 2987.5 | 2973.1 | 2980.2 | 2983.9 | 2991.1 |
| 5° | 2962.2 | 2965.9 | 2973.1 | 2969.5 | 2973.1 | 2973.1 | 2980.2 | 2962.2 | 2976.8 | 2976.8 | 2987.5 |
| 7.5° | 2947.9 | 2947.9 | 2955.1 | 2951.5 | 2958.8 | 2962.2 | 2969.5 | 2955.1 | 2969.5 | 2969.5 | 2980.2 |
| 10° | 2929.9 | 2929.9 | 2940.8 | 2937.1 | 2947.9 | 2951.5 | 2962.2 | 2947.9 | 2962.2 | 2965.9 | 2976.8 |
| 12.5° | 2904.8 | 2908.4 | 2919.1 | 2919.1 | 2929.9 | 2937.1 | 2947.9 | 2940.8 | 2958.8 | 2962.2 | 2976.8 |
| 15° | 2875.9 | 2883.1 | 2897.5 | 2893.9 | 2904.8 | 2915.5 | 2929.9 | 2919.1 | 2944.4 | 2951.5 | 2965.9 |
| 17.5° | 2839.9 | 2847.1 | 2857.9 | 2857.9 | 2868.8 | 2875.9 | 2893.9 | 2886.8 | 2908.4 | 2911.9 | 2929.9 |
| 20° | 2786.0 | 2796.8 | 2811.1 | 2807.5 | 2818.4 | 2825.5 | 2839.9 | 2832.8 | 2854.4 | 2861.5 | 2879.5 |
| 22.5° | 2721.1 | 2728.4 | 2739.1 | 2739.1 | 2750.0 | 2757.1 | 2771.5 | 2760.8 | 2782.4 | 2786.0 | 2800.4 |
| 25° | 2634.8 | 2642.0 | 2649.1 | 2652.8 | 2663.5 | 2667.1 | 2674.4 | 2667.1 | 2685.1 | 2688.8 | 2706.8 |
| 27.5° | 2523.1 | 2526.8 | 2537.6 | 2537.6 | 2544.8 | 2548.4 | 2559.1 | 2544.8 | 2570.0 | 2570.0 | 2580.8 |
| 30° | 2390.0 | 2386.4 | 2400.8 | 2393.6 | 2400.8 | 2400.8 | 2411.6 | 2404.4 | 2422.4 | 2415.2 | 2426.0 |
| 32.5° | 2213.6 | 2220.9 | 2220.9 | 2213.6 | 2228.0 | 2224.4 | 2224.4 | 2217.2 | 2228.0 | 2231.6 | 2238.9 |
| 35° | 2008.5 | 2019.2 | 2019.2 | 2022.9 | 2026.5 | 2015.6 | 2019.2 | 1997.6 | 2015.6 | 2019.2 | 2022.9 |
| 37.5° | 1785.2 | 1774.5 | 1781.8 | 1770.9 | 1788.9 | 1767.2 | 1767.2 | 1752.9 | 1767.2 | 1767.2 | 1770.9 |
| 40° | 1529.8 | 1526.1 | 1533.4 | 1526.1 | 1522.5 | 1519.0 | 1511.8 | 1501.0 | 1515.4 | 1508.1 | 1519.0 |
| 42.5° | 1288.6 | 1285.0 | 1285.0 | 1277.8 | 1274.2 | 1274.2 | 1267.0 | 1259.8 | 1256.2 | 1256.2 | 1274.2 |
| 45° | 1040.2 | 1047.4 | 1040.2 | 1036.6 | 1043.9 | 1036.6 | 1040.2 | 1025.9 | 1033.0 | 1025.9 | 1033.0 |
| 47.5° | 831.5 | 835.0 | 827.9 | 820.6 | 831.5 | 820.6 | 820.6 | 809.9 | 824.2 | 824.2 | 817.1 |
| 50° | 644.2 | 640.8 | 633.5 | 640.8 | 637.1 | 637.1 | 637.1 | 626.2 | 633.5 | 622.8 | 629.9 |
| 52.5° | 475.1 | 471.5 | 471.5 | 467.9 | 471.5 | 467.9 | 467.9 | 464.4 | 464.4 | 460.8 | 464.4 |
| 55° | 345.5 | 342.0 | 334.8 | 334.8 | 334.8 | 338.4 | 334.8 | 331.1 | 331.1 | 327.5 | 331.1 |
| 57.5° | 234.0 | 226.8 | 226.8 | 226.8 | 226.8 | 223.1 | 223.1 | 219.6 | 223.1 | 219.6 | 223.1 |
| 60° | 151.1 | 151.1 | 144.0 | 144.0 | 144.0 | 144.0 | 144.0 | 140.4 | 144.0 | 144.0 | 144.0 |
| 62.5° | 93.6 | 93.6 | 90.0 | 86.4 | 90.0 | 86.4 | 86.4 | 86.4 | 90.0 | 86.4 | 90.0 |
| 65° | 61.2 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| 67.5° | 43.2 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 39.6 | 36.0 | 39.6 | 39.6 | 39.6 |
| 70° | 28.8 | 28.8 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 72.5° | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| 75° | 14.4 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| 77.5° | 10.8 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| 80° | 7.2 | 7.2 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 82.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 85° | 3.6 | 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 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 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: P252287

CATALOG NUMBER: LE_6B40D010 EC6B30508040 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 | 2980.2 |
| 2.5° | 2980.2 | 2983.9 | 2976.8 | 2980.2 | 2973.1 | 2980.2 | 2983.9 | 2991.1 |
| 5° | 2973.1 | 2976.8 | 2969.5 | 2976.8 | 2969.5 | 2976.8 | 2980.2 | 2987.5 |
| 7.5° | 2965.9 | 2973.1 | 2965.9 | 2973.1 | 2965.9 | 2973.1 | 2976.8 | 2983.9 |
| 10° | 2965.9 | 2976.8 | 2969.5 | 2980.2 | 2969.5 | 2976.8 | 2983.9 | 2987.5 |
| 12.5° | 2965.9 | 2976.8 | 2973.1 | 2980.2 | 2976.8 | 2983.9 | 2991.1 | 2998.2 |
| 15° | 2958.8 | 2969.5 | 2962.2 | 2973.1 | 2969.5 | 2973.1 | 2987.5 | 2987.5 |
| 17.5° | 2919.1 | 2929.9 | 2929.9 | 2937.1 | 2937.1 | 2947.9 | 2955.1 | 2962.2 |
| 20° | 2868.8 | 2879.5 | 2875.9 | 2886.8 | 2886.8 | 2897.5 | 2904.8 | 2911.9 |
| 22.5° | 2793.1 | 2807.5 | 2803.9 | 2814.8 | 2811.1 | 2818.4 | 2832.8 | 2829.1 |
| 25° | 2696.0 | 2714.0 | 2710.4 | 2717.5 | 2714.0 | 2714.0 | 2721.1 | 2724.8 |
| 27.5° | 2577.1 | 2588.0 | 2584.4 | 2591.6 | 2584.4 | 2591.6 | 2598.8 | 2602.4 |
| 30° | 2422.4 | 2429.6 | 2426.0 | 2429.6 | 2426.0 | 2433.2 | 2436.8 | 2444.0 |
| 32.5° | 2235.2 | 2246.0 | 2235.2 | 2242.4 | 2238.9 | 2238.9 | 2253.2 | 2246.0 |
| 35° | 2012.1 | 2015.6 | 2019.2 | 2019.2 | 2012.1 | 2015.6 | 2022.9 | 2022.9 |
| 37.5° | 1763.8 | 1781.8 | 1760.1 | 1770.9 | 1767.2 | 1767.2 | 1767.2 | 1778.1 |
| 40° | 1504.5 | 1508.1 | 1501.0 | 1501.0 | 1501.0 | 1497.4 | 1511.8 | 1508.1 |
| 42.5° | 1259.8 | 1263.4 | 1259.8 | 1249.0 | 1252.6 | 1252.6 | 1263.4 | 1249.0 |
| 45° | 1022.2 | 1029.4 | 1025.9 | 1025.9 | 1018.6 | 1018.6 | 1022.2 | 1015.0 |
| 47.5° | 809.9 | 817.1 | 806.2 | 809.9 | 802.6 | 809.9 | 806.2 | 813.5 |
| 50° | 615.5 | 622.8 | 619.1 | 622.8 | 622.8 | 615.5 | 626.2 | 611.9 |
| 52.5° | 460.8 | 464.4 | 460.8 | 457.1 | 453.5 | 453.5 | 460.8 | 457.1 |
| 55° | 327.5 | 324.0 | 324.0 | 324.0 | 327.5 | 327.5 | 324.0 | 320.4 |
| 57.5° | 219.6 | 219.6 | 216.0 | 216.0 | 219.6 | 212.4 | 216.0 | 212.4 |
| 60° | 140.4 | 140.4 | 140.4 | 140.4 | 136.8 | 140.4 | 140.4 | 140.4 |
| 62.5° | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 65° | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| 67.5° | 36.0 | 39.6 | 39.6 | 39.6 | 36.0 | 36.0 | 36.0 | 36.0 |
| 70° | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 72.5° | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| 75° | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| 77.5° | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| 80° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 82.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.6 | 3.6 | 3.6 | 3.6 | 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 |



Report Generated By E9808895 / USPTCWHP6082093





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













(END OF REPORT)