

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: P252246

Luminaire Tested: **LE_6B15D010 EC6B10208030 6LBSW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252246
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_6B15D010 EC6B10208030 6LBSW1H
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1693.7 lumens
Efficiency: N/A
Efficacy: 117.6 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

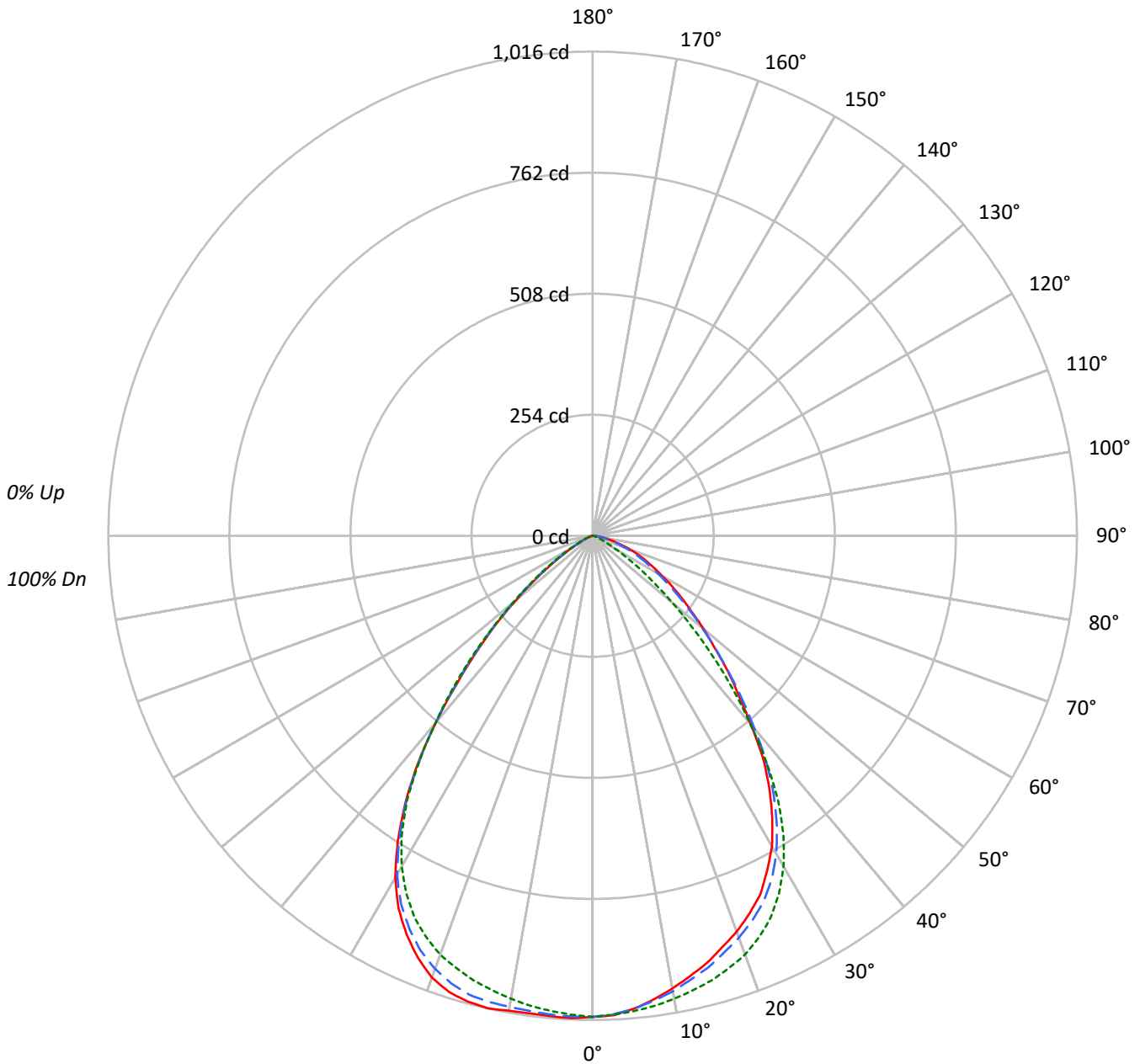
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252246

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF | 20 | | | | 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 | | | | 100 |
| 1 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | 90 |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | | 80 |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 72 | | | | 72 |
| 4 | 91 | 81 | 74 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 69 | 66 | 64 | | | | 64 |
| 5 | 85 | 74 | 67 | 62 | 83 | 73 | 66 | 61 | 71 | 65 | 61 | 70 | 64 | 60 | 68 | 63 | 60 | 58 | | | | 58 |
| 6 | 79 | 68 | 61 | 55 | 78 | 67 | 60 | 55 | 66 | 59 | 55 | 64 | 59 | 54 | 63 | 58 | 54 | 52 | | | | 52 |
| 7 | 74 | 63 | 55 | 50 | 73 | 62 | 55 | 50 | 61 | 54 | 50 | 59 | 54 | 49 | 58 | 53 | 49 | 47 | | | | 47 |
| 8 | 70 | 58 | 51 | 46 | 68 | 57 | 50 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | | 43 |
| 9 | 65 | 54 | 47 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 46 | 41 | 50 | 45 | 41 | 40 | | | | 40 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 | | | | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 65867 | 65867 | 65867 |
| 5° | 65234 | 65555 | 66276 |
| 10° | 63895 | 65346 | 67042 |
| 15° | 62672 | 65219 | 68353 |
| 20° | 61374 | 64929 | 68483 |
| 25° | 59856 | 63635 | 66442 |
| 30° | 56666 | 60350 | 62369 |
| 35° | 51466 | 54086 | 54572 |
| 40° | 43928 | 43724 | 43511 |
| 45° | 36896 | 32745 | 31730 |
| 50° | 30814 | 22147 | 21030 |
| 55° | 25934 | 13592 | 12341 |
| 60° | 21947 | 7163 | 6198 |
| 65° | 19003 | 3767 | 3010 |
| 70° | 15813 | 2327 | 1621 |
| 75° | 11696 | 1538 | 907 |
| 80° | 9167 | 939 | 451 |
| 85° | 7336 | 898 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 95.1 | 5.6 |
| 10°-20° | 272.4 | 16.1 |
| 20°-30° | 402.3 | 23.8 |
| 30°-40° | 414.6 | 24.5 |
| 40°-50° | 286.4 | 16.9 |
| 50°-60° | 141.1 | 8.3 |
| 60°-70° | 57.2 | 3.4 |
| 70°-80° | 20.4 | 1.2 |
| 80°-90° | 4.2 | 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° | 769.9 | 45.5 |
| 0°-40° | 1184.5 | 69.9 |
| 0°-60° | 1612.0 | 95.2 |
| 0°-90° | 1693.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1693.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1010 | 1010 | 1010 | 1010 | 1010 | |
| 5° | 996 | 996 | 1001 | 1008 | 1012 | 94 |
| 15° | 928 | 938 | 966 | 997 | 1012 | 261 |
| 25° | 832 | 847 | 884 | 910 | 923 | 380 |
| 35° | 646 | 662 | 679 | 683 | 685 | 400 |
| 45° | 400 | 402 | 355 | 350 | 344 | 309 |
| 55° | 228 | 220 | 120 | 112 | 108 | 206 |
| 65° | 123 | 111 | 24 | 20 | 20 | 122 |
| 75° | 46 | 39 | 6 | 4 | 4 | 52 |
| 85° | 10 | 7 | 1 | 0 | 0 | 12 |
| 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° | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 |
| 2.5° | 1007.1 | 1003.5 | 1005.9 | 1001.0 | 1007.1 | 1001.0 | 1002.2 | 1003.5 | 1002.2 | 1003.5 | 1004.8 |
| 5° | 996.1 | 992.5 | 996.1 | 990.1 | 996.1 | 992.5 | 992.5 | 993.8 | 993.8 | 995.0 | 996.1 |
| 7.5° | 981.5 | 977.9 | 981.5 | 975.5 | 982.8 | 979.1 | 979.1 | 981.5 | 980.4 | 981.5 | 984.0 |
| 10° | 964.5 | 959.6 | 963.2 | 959.6 | 966.9 | 962.0 | 964.5 | 964.5 | 964.5 | 968.1 | 970.5 |
| 12.5° | 946.1 | 941.2 | 946.1 | 940.1 | 947.4 | 943.8 | 945.0 | 948.6 | 949.9 | 952.2 | 953.5 |
| 15° | 927.9 | 921.8 | 924.2 | 920.6 | 927.9 | 924.2 | 925.5 | 930.4 | 930.4 | 934.0 | 937.6 |
| 17.5° | 904.8 | 899.9 | 904.8 | 899.9 | 906.0 | 903.5 | 906.0 | 909.6 | 909.6 | 913.2 | 916.9 |
| 20° | 884.0 | 879.1 | 882.8 | 879.1 | 886.4 | 882.8 | 884.0 | 888.9 | 890.1 | 893.8 | 897.4 |
| 22.5° | 858.4 | 854.8 | 857.1 | 853.5 | 860.9 | 858.4 | 859.6 | 864.5 | 865.8 | 868.1 | 874.2 |
| 25° | 831.5 | 824.2 | 827.9 | 825.5 | 832.8 | 829.1 | 831.5 | 836.5 | 838.9 | 842.5 | 847.4 |
| 27.5° | 792.5 | 788.9 | 791.4 | 791.4 | 797.4 | 793.8 | 795.0 | 799.9 | 803.5 | 807.1 | 813.2 |
| 30° | 752.2 | 746.2 | 748.6 | 749.9 | 754.8 | 752.2 | 754.8 | 759.6 | 760.9 | 765.8 | 770.6 |
| 32.5° | 701.1 | 698.6 | 703.5 | 701.1 | 703.5 | 703.5 | 704.8 | 708.4 | 710.9 | 713.2 | 719.4 |
| 35° | 646.2 | 641.4 | 646.2 | 643.8 | 649.9 | 646.2 | 649.9 | 653.5 | 653.5 | 658.4 | 662.1 |
| 37.5° | 586.5 | 580.4 | 582.9 | 582.9 | 585.2 | 584.0 | 584.0 | 590.1 | 591.4 | 595.0 | 598.6 |
| 40° | 515.8 | 513.4 | 518.2 | 517.0 | 518.2 | 518.2 | 519.4 | 523.1 | 525.5 | 526.8 | 528.0 |
| 42.5° | 452.4 | 453.6 | 454.8 | 454.8 | 454.8 | 454.8 | 454.8 | 459.6 | 458.5 | 462.1 | 463.4 |
| 45° | 399.9 | 395.0 | 397.5 | 396.2 | 399.9 | 396.2 | 399.9 | 403.6 | 401.1 | 404.8 | 402.4 |
| 47.5° | 346.2 | 346.2 | 346.2 | 345.0 | 347.5 | 346.2 | 348.8 | 350.0 | 350.0 | 350.0 | 348.8 |
| 50° | 303.6 | 300.0 | 301.1 | 301.1 | 302.4 | 301.1 | 303.6 | 304.9 | 304.9 | 302.4 | 297.5 |
| 52.5° | 262.1 | 260.9 | 260.9 | 263.4 | 263.4 | 262.1 | 262.1 | 262.1 | 262.1 | 258.5 | 256.0 |
| 55° | 228.0 | 225.6 | 226.8 | 226.8 | 226.8 | 226.8 | 228.0 | 226.8 | 226.8 | 223.1 | 219.5 |
| 57.5° | 197.5 | 195.1 | 195.1 | 195.1 | 196.2 | 195.1 | 195.1 | 195.1 | 193.9 | 190.2 | 185.4 |
| 60° | 168.2 | 167.0 | 168.2 | 168.2 | 169.5 | 168.2 | 168.2 | 168.2 | 165.9 | 162.1 | 157.2 |
| 62.5° | 143.9 | 143.9 | 143.9 | 145.1 | 145.1 | 143.9 | 143.9 | 142.6 | 141.5 | 136.5 | 131.6 |
| 65° | 123.1 | 121.9 | 123.1 | 123.1 | 124.4 | 124.4 | 123.1 | 121.9 | 120.8 | 115.9 | 111.0 |
| 67.5° | 102.4 | 101.2 | 102.4 | 102.4 | 103.6 | 102.4 | 102.4 | 102.4 | 98.8 | 96.4 | 91.5 |
| 70° | 82.9 | 81.8 | 81.8 | 81.8 | 82.9 | 80.5 | 81.8 | 81.8 | 79.2 | 75.6 | 70.8 |
| 72.5° | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 62.1 | 62.1 | 59.8 | 56.1 | 53.6 |
| 75° | 46.4 | 46.4 | 47.5 | 47.5 | 46.4 | 46.4 | 46.4 | 45.1 | 43.9 | 41.5 | 39.0 |
| 77.5° | 34.1 | 34.1 | 34.1 | 34.1 | 32.9 | 32.9 | 32.9 | 31.8 | 30.5 | 29.2 | 26.9 |
| 80° | 24.4 | 24.4 | 24.4 | 23.1 | 24.4 | 23.1 | 23.1 | 23.1 | 20.8 | 19.5 | 18.2 |
| 82.5° | 17.1 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 14.6 | 14.6 | 13.4 | 12.2 |
| 85° | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 8.5 | 7.4 | 7.4 |
| 87.5° | 4.9 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 4.9 | 4.9 | 4.9 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 |
| 2.5° | 1004.8 | 1004.8 | 1007.1 | 1003.5 | 1009.6 | 1005.9 | 1004.8 | 1010.8 | 1007.1 | 1005.9 | 1008.4 |
| 5° | 996.1 | 997.4 | 998.6 | 996.1 | 1002.2 | 998.6 | 998.6 | 1004.8 | 1002.2 | 1001.0 | 1004.8 |
| 7.5° | 985.2 | 986.4 | 988.9 | 987.6 | 992.5 | 990.1 | 991.2 | 997.4 | 995.0 | 995.0 | 998.6 |
| 10° | 971.8 | 974.2 | 976.6 | 976.6 | 982.8 | 980.4 | 980.4 | 987.6 | 985.2 | 986.4 | 991.2 |
| 12.5° | 955.9 | 959.6 | 963.2 | 964.5 | 970.5 | 966.9 | 968.1 | 976.6 | 975.5 | 976.6 | 981.5 |
| 15° | 938.9 | 943.8 | 947.4 | 947.4 | 954.8 | 951.0 | 954.8 | 963.2 | 960.8 | 965.6 | 971.8 |
| 17.5° | 919.4 | 924.2 | 929.1 | 930.4 | 937.6 | 935.2 | 940.1 | 948.6 | 948.6 | 951.0 | 958.4 |
| 20° | 901.0 | 907.1 | 909.6 | 913.2 | 920.6 | 919.4 | 921.8 | 931.5 | 931.5 | 935.2 | 942.5 |
| 22.5° | 876.6 | 882.8 | 887.6 | 891.2 | 897.4 | 897.4 | 901.0 | 909.6 | 909.6 | 912.0 | 919.4 |
| 25° | 849.9 | 857.1 | 860.9 | 864.5 | 870.6 | 869.4 | 873.0 | 880.4 | 881.5 | 884.0 | 891.2 |
| 27.5° | 815.8 | 821.8 | 826.6 | 829.1 | 837.6 | 832.8 | 836.5 | 845.0 | 843.8 | 846.2 | 852.2 |
| 30° | 773.0 | 779.1 | 784.0 | 784.0 | 791.4 | 791.4 | 795.0 | 798.6 | 798.6 | 801.1 | 806.0 |
| 32.5° | 723.0 | 730.4 | 730.4 | 734.0 | 738.9 | 734.0 | 738.9 | 743.8 | 741.4 | 745.0 | 748.6 |
| 35° | 665.8 | 669.4 | 670.6 | 670.6 | 674.2 | 673.0 | 671.9 | 675.5 | 673.0 | 679.1 | 682.8 |
| 37.5° | 596.2 | 601.1 | 598.6 | 601.1 | 599.9 | 596.2 | 596.2 | 602.4 | 597.5 | 598.6 | 602.4 |
| 40° | 529.1 | 529.1 | 528.0 | 521.9 | 523.1 | 519.4 | 518.2 | 519.4 | 514.5 | 513.4 | 518.2 |
| 42.5° | 459.6 | 458.5 | 454.8 | 446.2 | 447.5 | 441.4 | 436.5 | 436.5 | 434.1 | 432.9 | 434.1 |
| 45° | 397.5 | 393.9 | 387.8 | 378.0 | 375.5 | 370.6 | 360.9 | 358.5 | 354.9 | 354.9 | 356.0 |
| 47.5° | 340.1 | 335.2 | 325.5 | 314.6 | 308.5 | 302.4 | 292.6 | 289.0 | 282.9 | 280.5 | 282.9 |
| 50° | 292.6 | 284.1 | 271.9 | 256.0 | 250.0 | 242.6 | 232.9 | 226.8 | 220.8 | 218.2 | 217.0 |
| 52.5° | 248.8 | 236.5 | 224.4 | 204.9 | 200.0 | 192.6 | 179.2 | 173.1 | 167.0 | 162.1 | 162.1 |
| 55° | 211.0 | 200.0 | 182.9 | 164.6 | 157.2 | 150.0 | 136.5 | 128.0 | 121.9 | 119.5 | 117.0 |
| 57.5° | 176.8 | 164.6 | 148.8 | 129.2 | 121.9 | 114.6 | 101.2 | 92.6 | 86.6 | 82.9 | 80.5 |
| 60° | 148.8 | 135.4 | 119.5 | 102.4 | 93.9 | 86.6 | 73.1 | 64.6 | 58.5 | 54.9 | 52.4 |
| 62.5° | 121.9 | 111.0 | 95.1 | 79.2 | 72.0 | 64.6 | 53.6 | 45.1 | 39.0 | 36.6 | 32.9 |
| 65° | 102.4 | 91.5 | 76.9 | 63.4 | 57.2 | 50.0 | 40.2 | 32.9 | 28.0 | 24.4 | 22.0 |
| 67.5° | 82.9 | 74.4 | 62.1 | 50.0 | 43.9 | 39.0 | 30.5 | 24.4 | 19.5 | 17.1 | 15.9 |
| 70° | 65.9 | 57.2 | 47.5 | 37.8 | 34.1 | 29.2 | 23.1 | 17.1 | 14.6 | 12.2 | 11.0 |
| 72.5° | 48.8 | 42.6 | 35.4 | 28.0 | 24.4 | 22.0 | 15.9 | 13.4 | 9.8 | 8.5 | 7.4 |
| 75° | 35.4 | 30.5 | 25.6 | 19.5 | 17.1 | 15.9 | 12.2 | 8.5 | 7.4 | 6.1 | 4.9 |
| 77.5° | 24.4 | 22.0 | 17.1 | 13.4 | 12.2 | 11.0 | 8.5 | 6.1 | 4.9 | 3.6 | 3.6 |
| 80° | 15.9 | 13.4 | 11.0 | 8.5 | 8.5 | 7.4 | 4.9 | 3.6 | 3.6 | 2.5 | 2.5 |
| 82.5° | 9.8 | 8.5 | 7.4 | 6.1 | 4.9 | 4.9 | 3.6 | 2.5 | 2.5 | 1.2 | 1.2 |
| 85° | 6.1 | 4.9 | 3.6 | 3.6 | 2.5 | 2.5 | 2.5 | 1.2 | 1.2 | 1.2 | 1.2 |
| 87.5° | 2.5 | 2.5 | 2.5 | 1.2 | 1.2 | 1.2 | 1.2 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 |
| 2.5° | 1008.4 | 1008.4 | 1010.8 | 1007.1 | 1009.6 | 1009.6 | 1012.0 | 1007.1 | 1009.6 | 1010.8 | 1013.2 |
| 5° | 1003.5 | 1004.8 | 1007.1 | 1005.9 | 1007.1 | 1007.1 | 1009.6 | 1003.5 | 1008.4 | 1008.4 | 1012.0 |
| 7.5° | 998.6 | 998.6 | 1001.0 | 999.9 | 1002.2 | 1003.5 | 1005.9 | 1001.0 | 1005.9 | 1005.9 | 1009.6 |
| 10° | 992.5 | 992.5 | 996.1 | 995.0 | 998.6 | 999.9 | 1003.5 | 998.6 | 1003.5 | 1004.8 | 1008.4 |
| 12.5° | 984.0 | 985.2 | 988.9 | 988.9 | 992.5 | 995.0 | 998.6 | 996.1 | 1002.2 | 1003.5 | 1008.4 |
| 15° | 974.2 | 976.6 | 981.5 | 980.4 | 984.0 | 987.6 | 992.5 | 988.9 | 997.4 | 999.9 | 1004.8 |
| 17.5° | 962.0 | 964.5 | 968.1 | 968.1 | 971.8 | 974.2 | 980.4 | 977.9 | 985.2 | 986.4 | 992.5 |
| 20° | 943.8 | 947.4 | 952.2 | 951.0 | 954.8 | 957.1 | 962.0 | 959.6 | 966.9 | 969.4 | 975.5 |
| 22.5° | 921.8 | 924.2 | 927.9 | 927.9 | 931.5 | 934.0 | 938.9 | 935.2 | 942.5 | 943.8 | 948.6 |
| 25° | 892.5 | 895.0 | 897.4 | 898.6 | 902.2 | 903.5 | 906.0 | 903.5 | 909.6 | 910.9 | 916.9 |
| 27.5° | 854.8 | 856.0 | 859.6 | 859.6 | 862.0 | 863.2 | 866.9 | 862.0 | 870.6 | 870.6 | 874.2 |
| 30° | 809.6 | 808.4 | 813.2 | 810.9 | 813.2 | 813.2 | 816.9 | 814.5 | 820.6 | 818.1 | 821.8 |
| 32.5° | 749.9 | 752.2 | 752.2 | 749.9 | 754.8 | 753.5 | 753.5 | 751.1 | 754.8 | 756.0 | 758.4 |
| 35° | 680.4 | 684.0 | 684.0 | 685.2 | 686.5 | 682.8 | 684.0 | 676.8 | 682.8 | 684.0 | 685.2 |
| 37.5° | 604.8 | 601.1 | 603.5 | 599.9 | 606.0 | 598.6 | 598.6 | 593.8 | 598.6 | 598.6 | 599.9 |
| 40° | 518.2 | 517.0 | 519.4 | 517.0 | 515.8 | 514.5 | 512.1 | 508.5 | 513.4 | 510.9 | 514.5 |
| 42.5° | 436.5 | 435.2 | 435.2 | 432.9 | 431.6 | 431.6 | 429.2 | 426.8 | 425.5 | 425.5 | 431.6 |
| 45° | 352.4 | 354.9 | 352.4 | 351.1 | 353.6 | 351.1 | 352.4 | 347.5 | 350.0 | 347.5 | 350.0 |
| 47.5° | 281.6 | 282.9 | 280.5 | 278.0 | 281.6 | 278.0 | 278.0 | 274.4 | 279.2 | 279.2 | 276.8 |
| 50° | 218.2 | 217.0 | 214.6 | 217.0 | 215.9 | 215.9 | 215.9 | 212.1 | 214.6 | 211.0 | 213.4 |
| 52.5° | 161.0 | 159.8 | 159.8 | 158.5 | 159.8 | 158.5 | 158.5 | 157.2 | 157.2 | 156.1 | 157.2 |
| 55° | 117.0 | 115.9 | 113.4 | 113.4 | 113.4 | 114.6 | 113.4 | 112.1 | 112.1 | 111.0 | 112.1 |
| 57.5° | 79.2 | 76.9 | 76.9 | 76.9 | 76.9 | 75.6 | 75.6 | 74.4 | 75.6 | 74.4 | 75.6 |
| 60° | 51.2 | 51.2 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 47.5 | 48.8 | 48.8 | 48.8 |
| 62.5° | 31.8 | 31.8 | 30.5 | 29.2 | 30.5 | 29.2 | 29.2 | 29.2 | 30.5 | 29.2 | 30.5 |
| 65° | 20.8 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| 67.5° | 14.6 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 12.2 | 13.4 | 13.4 | 13.4 |
| 70° | 9.8 | 9.8 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 72.5° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 75° | 4.9 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 77.5° | 3.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 80° | 2.5 | 2.5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 82.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 85° | 1.2 | 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 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 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: P252246

CATALOG NUMBER: LE_6B15D010 EC6B10208030 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 | 1009.6 |
| 2.5° | 1009.6 | 1010.8 | 1008.4 | 1009.6 | 1007.1 | 1009.6 | 1010.8 | 1013.2 |
| 5° | 1007.1 | 1008.4 | 1005.9 | 1008.4 | 1005.9 | 1008.4 | 1009.6 | 1012.0 |
| 7.5° | 1004.8 | 1007.1 | 1004.8 | 1007.1 | 1004.8 | 1007.1 | 1008.4 | 1010.8 |
| 10° | 1004.8 | 1008.4 | 1005.9 | 1009.6 | 1005.9 | 1008.4 | 1010.8 | 1012.0 |
| 12.5° | 1004.8 | 1008.4 | 1007.1 | 1009.6 | 1008.4 | 1010.8 | 1013.2 | 1015.6 |
| 15° | 1002.2 | 1005.9 | 1003.5 | 1007.1 | 1005.9 | 1007.1 | 1012.0 | 1012.0 |
| 17.5° | 988.9 | 992.5 | 992.5 | 995.0 | 995.0 | 998.6 | 1001.0 | 1003.5 |
| 20° | 971.8 | 975.5 | 974.2 | 977.9 | 977.9 | 981.5 | 984.0 | 986.4 |
| 22.5° | 946.1 | 951.0 | 949.9 | 953.5 | 952.2 | 954.8 | 959.6 | 958.4 |
| 25° | 913.2 | 919.4 | 918.1 | 920.6 | 919.4 | 919.4 | 921.8 | 923.0 |
| 27.5° | 873.0 | 876.6 | 875.5 | 877.9 | 875.5 | 877.9 | 880.4 | 881.5 |
| 30° | 820.6 | 823.0 | 821.8 | 823.0 | 821.8 | 824.2 | 825.5 | 827.9 |
| 32.5° | 757.1 | 760.9 | 757.1 | 759.6 | 758.4 | 758.4 | 763.2 | 760.9 |
| 35° | 681.6 | 682.8 | 684.0 | 684.0 | 681.6 | 682.8 | 685.2 | 685.2 |
| 37.5° | 597.5 | 603.5 | 596.2 | 599.9 | 598.6 | 598.6 | 598.6 | 602.4 |
| 40° | 509.6 | 510.9 | 508.5 | 508.5 | 508.5 | 507.2 | 512.1 | 510.9 |
| 42.5° | 426.8 | 428.0 | 426.8 | 423.1 | 424.4 | 424.4 | 428.0 | 423.1 |
| 45° | 346.2 | 348.8 | 347.5 | 347.5 | 345.0 | 345.0 | 346.2 | 343.9 |
| 47.5° | 274.4 | 276.8 | 273.1 | 274.4 | 271.9 | 274.4 | 273.1 | 275.5 |
| 50° | 208.5 | 211.0 | 209.8 | 211.0 | 211.0 | 208.5 | 212.1 | 207.2 |
| 52.5° | 156.1 | 157.2 | 156.1 | 154.9 | 153.6 | 153.6 | 156.1 | 154.9 |
| 55° | 111.0 | 109.8 | 109.8 | 109.8 | 111.0 | 111.0 | 109.8 | 108.5 |
| 57.5° | 74.4 | 74.4 | 73.1 | 73.1 | 74.4 | 72.0 | 73.1 | 72.0 |
| 60° | 47.5 | 47.5 | 47.5 | 47.5 | 46.4 | 47.5 | 47.5 | 47.5 |
| 62.5° | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 |
| 65° | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| 67.5° | 12.2 | 13.4 | 13.4 | 13.4 | 12.2 | 12.2 | 12.2 | 12.2 |
| 70° | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 72.5° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 75° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 77.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 80° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 82.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 |
| 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)