

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: P252245

Luminaire Tested: **LE\_6B15D010 EC6B10208027 6LBSW1H**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P252245  
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 EC6B10208027 6LBSW1H  
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1621.2 lumens  
Efficiency: N/A  
Efficacy: 112.6 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

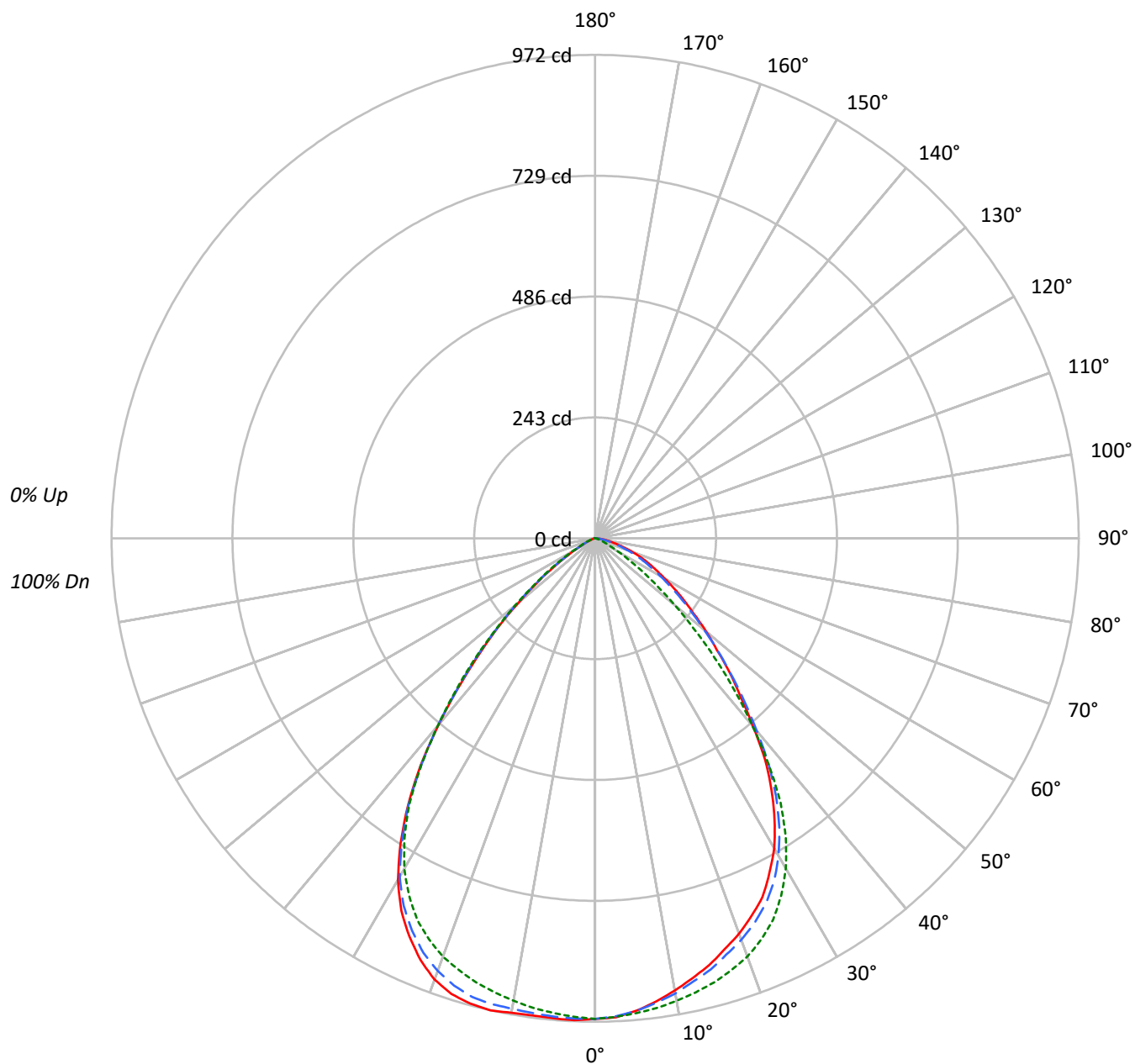
Input Watts (W): 14.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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 | 108 | 105 | 103 | 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°  | 63049 | 63049 | 63049 |
| 5°  | 62445 | 62752 | 63447 |
| 10° | 61153 | 62550 | 64180 |
| 15° | 59984 | 62436 | 65435 |
| 20° | 58743 | 62145 | 65554 |
| 25° | 57300 | 60907 | 63599 |
| 30° | 54248 | 57766 | 59702 |
| 35° | 49268 | 51777 | 52239 |
| 40° | 42038 | 41850 | 41646 |
| 45° | 35319 | 31333 | 30364 |
| 50° | 29495 | 21203 | 20137 |
| 55° | 24819 | 13012 | 11818 |
| 60° | 21007 | 6850  | 5937  |
| 65° | 18201 | 3612  | 2871  |
| 70° | 15146 | 2213  | 1545  |
| 75° | 11192 | 1487  | 882   |
| 80° | 8792  | 902   | 413   |
| 85° | 7036  | 823   | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 91.1   | 5.6       |
| 10°-20°   | 260.8  | 16.1      |
| 20°-30°   | 385.1  | 23.8      |
| 30°-40°   | 396.8  | 24.5      |
| 40°-50°   | 274.1  | 16.9      |
| 50°-60°   | 135.1  | 8.3       |
| 60°-70°   | 54.7   | 3.4       |
| 70°-80°   | 19.5   | 1.2       |
| 80°-90°   | 4.0    | 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°    | 736.9  | 45.5      |
| 0°-40°    | 1133.8 | 69.9      |
| 0°-60°    | 1543.0 | 95.2      |
| 0°-90°    | 1621.2 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1621.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 966 | 966 | 966 | 966  | 966  |      |
| 5°  | 954 | 954 | 958 | 965  | 969  | 90   |
| 15° | 888 | 898 | 924 | 955  | 969  | 250  |
| 25° | 796 | 811 | 846 | 871  | 884  | 364  |
| 35° | 619 | 634 | 650 | 654  | 656  | 383  |
| 45° | 383 | 385 | 340 | 335  | 329  | 296  |
| 55° | 218 | 210 | 114 | 107  | 104  | 197  |
| 65° | 118 | 106 | 23  | 19   | 19   | 117  |
| 75° | 44  | 37  | 6   | 4    | 4    | 50   |
| 85° | 9   | 7   | 1   | 0    | 0    | 11   |
| 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°    | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 |
| 2.5°  | 964.0 | 960.5 | 962.9 | 958.2 | 964.0 | 958.2 | 959.4 | 960.5 | 959.4 | 960.5 | 961.8 |
| 5°    | 953.5 | 950.0 | 953.5 | 947.8 | 953.5 | 950.0 | 950.0 | 951.2 | 951.2 | 952.4 | 953.5 |
| 7.5°  | 939.5 | 936.0 | 939.5 | 933.6 | 940.8 | 937.1 | 937.1 | 939.5 | 938.4 | 939.5 | 941.9 |
| 10°   | 923.1 | 918.5 | 922.0 | 918.5 | 925.5 | 920.9 | 923.1 | 923.1 | 923.1 | 926.6 | 929.0 |
| 12.5° | 905.6 | 901.0 | 905.6 | 899.9 | 906.9 | 903.4 | 904.5 | 908.0 | 909.1 | 911.5 | 912.6 |
| 15°   | 888.1 | 882.4 | 884.6 | 881.1 | 888.1 | 884.6 | 885.9 | 890.5 | 890.5 | 894.0 | 897.5 |
| 17.5° | 866.0 | 861.4 | 866.0 | 861.4 | 867.1 | 864.9 | 867.1 | 870.6 | 870.6 | 874.1 | 877.6 |
| 20°   | 846.1 | 841.5 | 845.0 | 841.5 | 848.5 | 845.0 | 846.1 | 850.9 | 852.0 | 855.5 | 859.0 |
| 22.5° | 821.6 | 818.1 | 820.5 | 817.0 | 824.0 | 821.6 | 822.8 | 827.5 | 828.6 | 831.0 | 836.9 |
| 25°   | 796.0 | 789.0 | 792.5 | 790.1 | 797.1 | 793.6 | 796.0 | 800.6 | 803.0 | 806.5 | 811.1 |
| 27.5° | 758.6 | 755.1 | 757.5 | 757.5 | 763.2 | 759.8 | 761.0 | 765.6 | 769.1 | 772.6 | 778.5 |
| 30°   | 720.1 | 714.2 | 716.6 | 717.8 | 722.5 | 720.1 | 722.5 | 727.1 | 728.2 | 733.0 | 737.6 |
| 32.5° | 671.1 | 668.8 | 673.4 | 671.1 | 673.4 | 673.4 | 674.6 | 678.1 | 680.4 | 682.8 | 688.6 |
| 35°   | 618.6 | 613.9 | 618.6 | 616.2 | 622.1 | 618.6 | 622.1 | 625.6 | 625.6 | 630.2 | 633.8 |
| 37.5° | 561.4 | 555.5 | 557.9 | 557.9 | 560.2 | 559.0 | 559.0 | 564.9 | 566.0 | 569.5 | 573.0 |
| 40°   | 493.6 | 491.4 | 496.0 | 494.9 | 496.0 | 496.0 | 497.2 | 500.8 | 503.0 | 504.2 | 505.4 |
| 42.5° | 433.0 | 434.1 | 435.4 | 435.4 | 435.4 | 435.4 | 435.4 | 440.0 | 438.9 | 442.4 | 443.5 |
| 45°   | 382.8 | 378.1 | 380.5 | 379.2 | 382.8 | 379.2 | 382.8 | 386.2 | 384.0 | 387.5 | 385.1 |
| 47.5° | 331.5 | 331.5 | 331.5 | 330.2 | 332.6 | 331.5 | 333.8 | 335.0 | 335.0 | 335.0 | 333.8 |
| 50°   | 290.6 | 287.1 | 288.2 | 288.2 | 289.5 | 288.2 | 290.6 | 291.8 | 291.8 | 289.5 | 284.8 |
| 52.5° | 250.9 | 249.8 | 249.8 | 252.1 | 252.1 | 250.9 | 250.9 | 250.9 | 250.9 | 247.4 | 245.1 |
| 55°   | 218.2 | 215.9 | 217.1 | 217.1 | 217.1 | 217.1 | 218.2 | 217.1 | 217.1 | 213.6 | 210.1 |
| 57.5° | 189.1 | 186.8 | 186.8 | 186.8 | 187.9 | 186.8 | 186.8 | 186.8 | 185.6 | 182.1 | 177.4 |
| 60°   | 161.0 | 159.9 | 161.0 | 161.0 | 162.2 | 161.0 | 161.0 | 161.0 | 158.8 | 155.2 | 150.5 |
| 62.5° | 137.8 | 137.8 | 137.8 | 138.9 | 138.9 | 137.8 | 137.8 | 136.5 | 135.4 | 130.8 | 126.0 |
| 65°   | 117.9 | 116.8 | 117.9 | 117.9 | 119.0 | 119.0 | 117.9 | 116.8 | 115.5 | 110.9 | 106.2 |
| 67.5° | 98.0  | 96.9  | 98.0  | 98.0  | 99.2  | 98.0  | 98.0  | 98.0  | 94.5  | 92.2  | 87.5  |
| 70°   | 79.4  | 78.2  | 78.2  | 78.2  | 79.4  | 77.0  | 78.2  | 78.2  | 75.9  | 72.4  | 67.8  |
| 72.5° | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 60.8  | 59.5  | 59.5  | 57.2  | 53.6  | 51.4  |
| 75°   | 44.4  | 44.4  | 45.5  | 45.5  | 44.4  | 44.4  | 44.4  | 43.1  | 42.0  | 39.6  | 37.4  |
| 77.5° | 32.6  | 32.6  | 32.6  | 32.6  | 31.5  | 31.5  | 31.5  | 30.4  | 29.1  | 28.0  | 25.6  |
| 80°   | 23.4  | 23.4  | 23.4  | 22.1  | 23.4  | 22.1  | 22.1  | 22.1  | 19.9  | 18.6  | 17.5  |
| 82.5° | 16.4  | 15.1  | 15.1  | 15.1  | 15.1  | 15.1  | 15.1  | 14.0  | 14.0  | 12.9  | 11.6  |
| 85°   | 9.4   | 9.4   | 9.4   | 9.4   | 9.4   | 9.4   | 9.4   | 9.4   | 8.1   | 7.0   | 7.0   |
| 87.5° | 4.6   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   | 4.6   | 4.6   | 4.6   | 3.5   |
| 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°    | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 |
| 2.5°  | 961.8 | 961.8 | 964.0 | 960.5 | 966.4 | 962.9 | 961.8 | 967.5 | 964.0 | 962.9 | 965.2 |
| 5°    | 953.5 | 954.8 | 955.9 | 953.5 | 959.4 | 955.9 | 955.9 | 961.8 | 959.4 | 958.2 | 961.8 |
| 7.5°  | 943.0 | 944.2 | 946.5 | 945.4 | 950.0 | 947.8 | 948.9 | 954.8 | 952.4 | 952.4 | 955.9 |
| 10°   | 930.1 | 932.5 | 934.9 | 934.9 | 940.8 | 938.4 | 938.4 | 945.4 | 943.0 | 944.2 | 948.9 |
| 12.5° | 915.0 | 918.5 | 922.0 | 923.1 | 929.0 | 925.5 | 926.6 | 934.9 | 933.6 | 934.9 | 939.5 |
| 15°   | 898.6 | 903.4 | 906.9 | 906.9 | 913.9 | 910.4 | 913.9 | 922.0 | 919.6 | 924.4 | 930.1 |
| 17.5° | 880.0 | 884.6 | 889.4 | 890.5 | 897.5 | 895.1 | 899.9 | 908.0 | 908.0 | 910.4 | 917.4 |
| 20°   | 862.5 | 868.4 | 870.6 | 874.1 | 881.1 | 880.0 | 882.4 | 891.6 | 891.6 | 895.1 | 902.1 |
| 22.5° | 839.1 | 845.0 | 849.6 | 853.1 | 859.0 | 859.0 | 862.5 | 870.6 | 870.6 | 873.0 | 880.0 |
| 25°   | 813.5 | 820.5 | 824.0 | 827.5 | 833.4 | 832.1 | 835.6 | 842.6 | 843.9 | 846.1 | 853.1 |
| 27.5° | 780.8 | 786.6 | 791.2 | 793.6 | 801.8 | 797.1 | 800.6 | 808.8 | 807.6 | 810.0 | 815.8 |
| 30°   | 740.0 | 745.8 | 750.5 | 750.5 | 757.5 | 757.5 | 761.0 | 764.5 | 764.5 | 766.8 | 771.5 |
| 32.5° | 692.1 | 699.1 | 699.1 | 702.6 | 707.2 | 702.6 | 707.2 | 711.9 | 709.6 | 713.1 | 716.6 |
| 35°   | 637.2 | 640.8 | 641.9 | 641.9 | 645.4 | 644.2 | 643.1 | 646.6 | 644.2 | 650.1 | 653.6 |
| 37.5° | 570.8 | 575.4 | 573.0 | 575.4 | 574.2 | 570.8 | 570.8 | 576.5 | 571.9 | 573.0 | 576.5 |
| 40°   | 506.5 | 506.5 | 505.4 | 499.5 | 500.8 | 497.2 | 496.0 | 497.2 | 492.5 | 491.4 | 496.0 |
| 42.5° | 440.0 | 438.9 | 435.4 | 427.1 | 428.4 | 422.5 | 417.9 | 417.9 | 415.5 | 414.4 | 415.5 |
| 45°   | 380.5 | 377.0 | 371.1 | 361.8 | 359.5 | 354.8 | 345.5 | 343.1 | 339.6 | 339.6 | 340.8 |
| 47.5° | 325.6 | 321.0 | 311.6 | 301.1 | 295.2 | 289.5 | 280.1 | 276.6 | 270.8 | 268.4 | 270.8 |
| 50°   | 280.1 | 271.9 | 260.2 | 245.1 | 239.2 | 232.2 | 222.9 | 217.1 | 211.2 | 208.9 | 207.8 |
| 52.5° | 238.1 | 226.4 | 214.8 | 196.1 | 191.4 | 184.4 | 171.6 | 165.8 | 159.9 | 155.2 | 155.2 |
| 55°   | 201.9 | 191.4 | 175.1 | 157.5 | 150.5 | 143.5 | 130.8 | 122.5 | 116.8 | 114.4 | 112.0 |
| 57.5° | 169.2 | 157.5 | 142.4 | 123.8 | 116.8 | 109.8 | 96.9  | 88.8  | 82.9  | 79.4  | 77.0  |
| 60°   | 142.4 | 129.5 | 114.4 | 98.0  | 89.9  | 82.9  | 70.0  | 61.9  | 56.0  | 52.5  | 50.1  |
| 62.5° | 116.8 | 106.2 | 91.0  | 75.9  | 68.9  | 61.9  | 51.4  | 43.1  | 37.4  | 35.0  | 31.5  |
| 65°   | 98.0  | 87.5  | 73.5  | 60.8  | 54.9  | 47.9  | 38.5  | 31.5  | 26.9  | 23.4  | 21.0  |
| 67.5° | 79.4  | 71.2  | 59.5  | 47.9  | 42.0  | 37.4  | 29.1  | 23.4  | 18.6  | 16.4  | 15.1  |
| 70°   | 63.0  | 54.9  | 45.5  | 36.1  | 32.6  | 28.0  | 22.1  | 16.4  | 14.0  | 11.6  | 10.5  |
| 72.5° | 46.6  | 40.9  | 33.9  | 26.9  | 23.4  | 21.0  | 15.1  | 12.9  | 9.4   | 8.1   | 7.0   |
| 75°   | 33.9  | 29.1  | 24.5  | 18.6  | 16.4  | 15.1  | 11.6  | 8.1   | 7.0   | 5.9   | 4.6   |
| 77.5° | 23.4  | 21.0  | 16.4  | 12.9  | 11.6  | 10.5  | 8.1   | 5.9   | 4.6   | 3.5   | 3.5   |
| 80°   | 15.1  | 12.9  | 10.5  | 8.1   | 8.1   | 7.0   | 4.6   | 3.5   | 3.5   | 2.4   | 2.4   |
| 82.5° | 9.4   | 8.1   | 7.0   | 5.9   | 4.6   | 4.6   | 3.5   | 2.4   | 2.4   | 1.1   | 1.1   |
| 85°   | 5.9   | 4.6   | 3.5   | 3.5   | 2.4   | 2.4   | 2.4   | 1.1   | 1.1   | 1.1   | 1.1   |
| 87.5° | 2.4   | 2.4   | 2.4   | 1.1   | 1.1   | 1.1   | 1.1   | 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°    | 966.4 | 966.4 | 966.4 | 966.4  | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 |
| 2.5°  | 965.2 | 965.2 | 967.5 | 964.0  | 966.4 | 966.4 | 968.8 | 964.0 | 966.4 | 967.5 | 969.9 |
| 5°    | 960.5 | 961.8 | 964.0 | 962.9  | 964.0 | 964.0 | 966.4 | 960.5 | 965.2 | 965.2 | 968.8 |
| 7.5°  | 955.9 | 955.9 | 958.2 | 957.0  | 959.4 | 960.5 | 962.9 | 958.2 | 962.9 | 962.9 | 966.4 |
| 10°   | 950.0 | 950.0 | 953.5 | 952.4  | 955.9 | 957.0 | 960.5 | 955.9 | 960.5 | 961.8 | 965.2 |
| 12.5° | 941.9 | 943.0 | 946.5 | 946.5  | 950.0 | 952.4 | 955.9 | 953.5 | 959.4 | 960.5 | 965.2 |
| 15°   | 932.5 | 934.9 | 939.5 | 938.4  | 941.9 | 945.4 | 950.0 | 946.5 | 954.8 | 957.0 | 961.8 |
| 17.5° | 920.9 | 923.1 | 926.6 | 926.6  | 930.1 | 932.5 | 938.4 | 936.0 | 943.0 | 944.2 | 950.0 |
| 20°   | 903.4 | 906.9 | 911.5 | 910.4  | 913.9 | 916.1 | 920.9 | 918.5 | 925.5 | 927.9 | 933.6 |
| 22.5° | 882.4 | 884.6 | 888.1 | 888.1  | 891.6 | 894.0 | 898.6 | 895.1 | 902.1 | 903.4 | 908.0 |
| 25°   | 854.4 | 856.6 | 859.0 | 860.1  | 863.6 | 864.9 | 867.1 | 864.9 | 870.6 | 871.9 | 877.6 |
| 27.5° | 818.1 | 819.2 | 822.8 | 822.8  | 825.1 | 826.2 | 829.9 | 825.1 | 833.4 | 833.4 | 836.9 |
| 30°   | 775.0 | 773.8 | 778.5 | 776.1  | 778.5 | 778.5 | 782.0 | 779.6 | 785.5 | 783.1 | 786.6 |
| 32.5° | 717.8 | 720.1 | 720.1 | 717.8  | 722.5 | 721.2 | 721.2 | 719.0 | 722.5 | 723.6 | 726.0 |
| 35°   | 651.2 | 654.8 | 654.8 | 655.9  | 657.1 | 653.6 | 654.8 | 647.8 | 653.6 | 654.8 | 655.9 |
| 37.5° | 578.9 | 575.4 | 577.8 | 574.2  | 580.0 | 573.0 | 573.0 | 568.4 | 573.0 | 573.0 | 574.2 |
| 40°   | 496.0 | 494.9 | 497.2 | 494.9  | 493.6 | 492.5 | 490.1 | 486.6 | 491.4 | 489.0 | 492.5 |
| 42.5° | 417.9 | 416.6 | 416.6 | 414.4  | 413.1 | 413.1 | 410.9 | 408.5 | 407.4 | 407.4 | 413.1 |
| 45°   | 337.2 | 339.6 | 337.2 | 336.1  | 338.5 | 336.1 | 337.2 | 332.6 | 335.0 | 332.6 | 335.0 |
| 47.5° | 269.6 | 270.8 | 268.4 | 266.1  | 269.6 | 266.1 | 266.1 | 262.6 | 267.2 | 267.2 | 264.9 |
| 50°   | 208.9 | 207.8 | 205.4 | 207.8  | 206.6 | 206.6 | 206.6 | 203.1 | 205.4 | 201.9 | 204.2 |
| 52.5° | 154.0 | 152.9 | 152.9 | 151.8  | 152.9 | 151.8 | 151.8 | 150.5 | 150.5 | 149.4 | 150.5 |
| 55°   | 112.0 | 110.9 | 108.5 | 108.5  | 108.5 | 109.8 | 108.5 | 107.4 | 107.4 | 106.2 | 107.4 |
| 57.5° | 75.9  | 73.5  | 73.5  | 73.5   | 73.5  | 72.4  | 72.4  | 71.2  | 72.4  | 71.2  | 72.4  |
| 60°   | 49.0  | 49.0  | 46.6  | 46.6   | 46.6  | 46.6  | 46.6  | 45.5  | 46.6  | 46.6  | 46.6  |
| 62.5° | 30.4  | 30.4  | 29.1  | 28.0   | 29.1  | 28.0  | 28.0  | 28.0  | 29.1  | 28.0  | 29.1  |
| 65°   | 19.9  | 18.6  | 18.6  | 18.6   | 18.6  | 18.6  | 18.6  | 18.6  | 18.6  | 18.6  | 18.6  |
| 67.5° | 14.0  | 12.9  | 12.9  | 12.9   | 12.9  | 12.9  | 12.9  | 11.6  | 12.9  | 12.9  | 12.9  |
| 70°   | 9.4   | 9.4   | 8.1   | 8.1    | 8.1   | 8.1   | 8.1   | 8.1   | 8.1   | 8.1   | 8.1   |
| 72.5° | 5.9   | 5.9   | 5.9   | 5.9    | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   |
| 75°   | 4.6   | 3.5   | 3.5   | 3.5    | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| 77.5° | 3.5   | 2.4   | 2.4   | 2.4    | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 80°   | 2.4   | 2.4   | 1.1   | 1.1    | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| 82.5° | 1.1   | 1.1   | 1.1   | 1.1    | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| 85°   | 1.1   | 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   | 1.1   | 1.1    | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| 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: P252245

CATALOG NUMBER: LE\_6B15D010 EC6B10208027 6LBSW1H

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0°    | 966.4 | 966.4 | 966.4  | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 |
| 2.5°  | 966.4 | 967.5 | 965.2  | 966.4 | 964.0 | 966.4 | 967.5 | 969.9 |
| 5°    | 964.0 | 965.2 | 962.9  | 965.2 | 962.9 | 965.2 | 966.4 | 968.8 |
| 7.5°  | 961.8 | 964.0 | 961.8  | 964.0 | 961.8 | 964.0 | 965.2 | 967.5 |
| 10°   | 961.8 | 965.2 | 962.9  | 966.4 | 962.9 | 965.2 | 967.5 | 968.8 |
| 12.5° | 961.8 | 965.2 | 964.0  | 966.4 | 965.2 | 967.5 | 969.9 | 972.2 |
| 15°   | 959.4 | 962.9 | 960.5  | 964.0 | 962.9 | 964.0 | 968.8 | 968.8 |
| 17.5° | 946.5 | 950.0 | 950.0  | 952.4 | 952.4 | 955.9 | 958.2 | 960.5 |
| 20°   | 930.1 | 933.6 | 932.5  | 936.0 | 936.0 | 939.5 | 941.9 | 944.2 |
| 22.5° | 905.6 | 910.4 | 909.1  | 912.6 | 911.5 | 913.9 | 918.5 | 917.4 |
| 25°   | 874.1 | 880.0 | 878.9  | 881.1 | 880.0 | 880.0 | 882.4 | 883.5 |
| 27.5° | 835.6 | 839.1 | 838.0  | 840.4 | 838.0 | 840.4 | 842.6 | 843.9 |
| 30°   | 785.5 | 787.8 | 786.6  | 787.8 | 786.6 | 789.0 | 790.1 | 792.5 |
| 32.5° | 724.8 | 728.2 | 724.8  | 727.1 | 726.0 | 726.0 | 730.6 | 728.2 |
| 35°   | 652.4 | 653.6 | 654.8  | 654.8 | 652.4 | 653.6 | 655.9 | 655.9 |
| 37.5° | 571.9 | 577.8 | 570.8  | 574.2 | 573.0 | 573.0 | 573.0 | 576.5 |
| 40°   | 487.9 | 489.0 | 486.6  | 486.6 | 486.6 | 485.5 | 490.1 | 489.0 |
| 42.5° | 408.5 | 409.6 | 408.5  | 405.0 | 406.1 | 406.1 | 409.6 | 405.0 |
| 45°   | 331.5 | 333.8 | 332.6  | 332.6 | 330.2 | 330.2 | 331.5 | 329.1 |
| 47.5° | 262.6 | 264.9 | 261.4  | 262.6 | 260.2 | 262.6 | 261.4 | 263.8 |
| 50°   | 199.6 | 201.9 | 200.8  | 201.9 | 201.9 | 199.6 | 203.1 | 198.4 |
| 52.5° | 149.4 | 150.5 | 149.4  | 148.2 | 147.0 | 147.0 | 149.4 | 148.2 |
| 55°   | 106.2 | 105.0 | 105.0  | 105.0 | 106.2 | 106.2 | 105.0 | 103.9 |
| 57.5° | 71.2  | 71.2  | 70.0   | 70.0  | 71.2  | 68.9  | 70.0  | 68.9  |
| 60°   | 45.5  | 45.5  | 45.5   | 45.5  | 44.4  | 45.5  | 45.5  | 45.5  |
| 62.5° | 28.0  | 28.0  | 28.0   | 28.0  | 28.0  | 28.0  | 28.0  | 28.0  |
| 65°   | 18.6  | 18.6  | 18.6   | 18.6  | 18.6  | 18.6  | 18.6  | 18.6  |
| 67.5° | 11.6  | 12.9  | 12.9   | 12.9  | 11.6  | 11.6  | 11.6  | 11.6  |
| 70°   | 8.1   | 8.1   | 8.1    | 8.1   | 8.1   | 8.1   | 8.1   | 8.1   |
| 72.5° | 5.9   | 5.9   | 5.9    | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   |
| 75°   | 3.5   | 3.5   | 3.5    | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| 77.5° | 2.4   | 2.4   | 2.4    | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 80°   | 1.1   | 1.1   | 1.1    | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| 82.5° | 1.1   | 1.1   | 1.1    | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| 85°   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5° | 1.1   | 1.1   | 1.1    | 1.1   | 1.1   | 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)