

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P844111

Luminaire Tested: **LD6C20DE010B2750 EU6C20B27 6LBSWLI**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844111  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252180)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C20DE010B2750 EU6C20B27 6LBSWLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

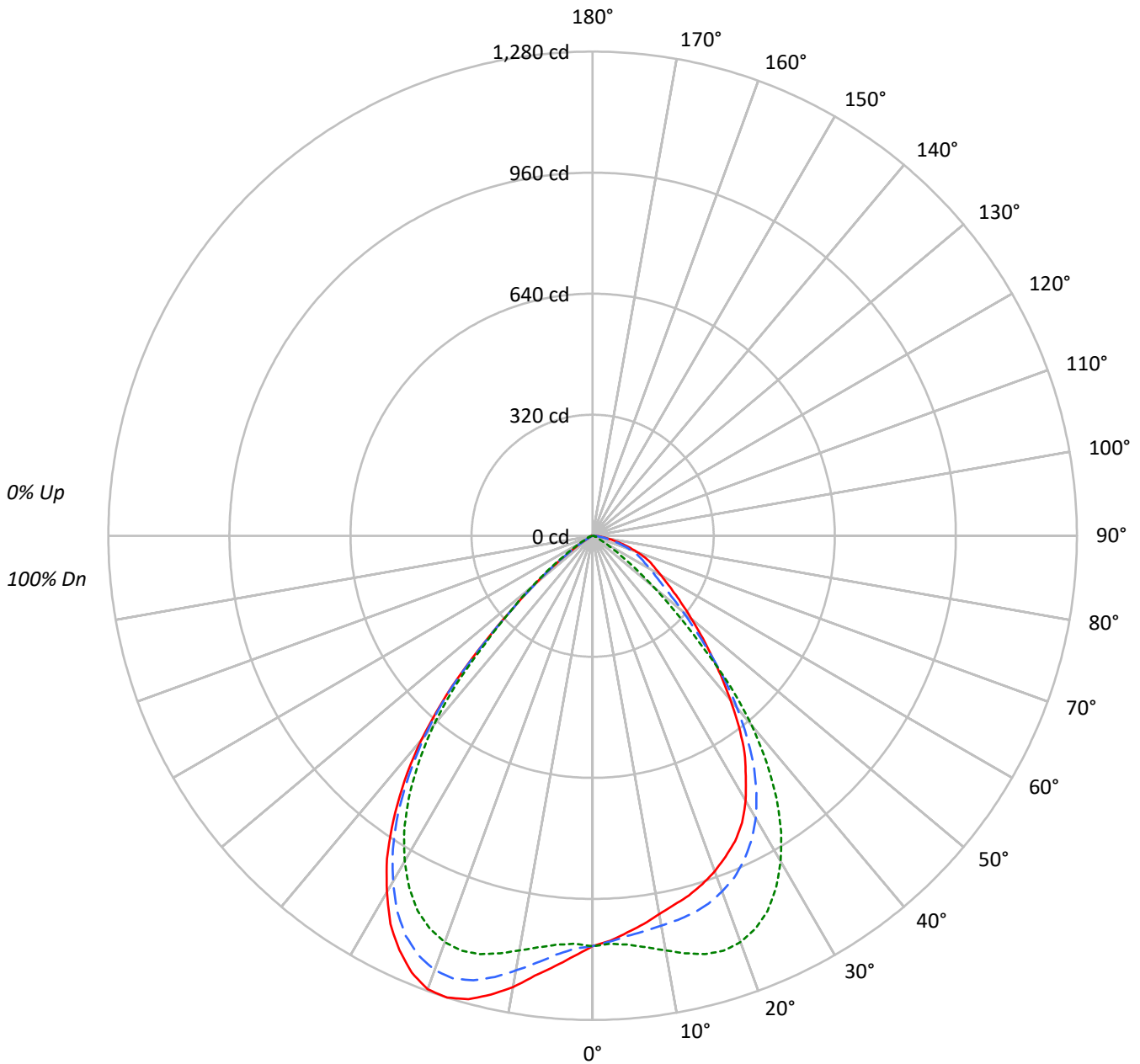
Lumens per Lamp: N/A  
Luminaire Lumens: 1983.1 lumens  
Efficiency: N/A  
Efficacy: 91.0 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.8  
Input Voltage (V):  
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  |     |     |     | 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 | 100 | 100 |
| 1   | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  | 90  | 90  | 90  |
| 2   | 105 | 98  | 93  | 89  | 102 | 97  | 92  | 88  | 93  | 89  | 86  | 90  | 87  | 84  | 87  | 85  | 82  | 80  | 80  | 80  | 80  |
| 3   | 98  | 89  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 78  | 75  | 80  | 77  | 74  | 72  | 72  | 72  | 72  |
| 4   | 91  | 82  | 75  | 69  | 89  | 80  | 74  | 69  | 78  | 72  | 68  | 76  | 71  | 67  | 74  | 70  | 66  | 65  | 65  | 65  | 65  |
| 5   | 85  | 75  | 67  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  | 58  | 58  | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 64  | 59  | 55  | 63  | 58  | 54  | 53  | 53  | 53  | 53  |
| 7   | 74  | 63  | 56  | 51  | 73  | 62  | 55  | 50  | 61  | 55  | 50  | 60  | 54  | 50  | 58  | 53  | 50  | 48  | 48  | 48  | 48  |
| 8   | 70  | 58  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 55  | 50  | 46  | 54  | 49  | 45  | 44  | 44  | 44  | 44  |
| 9   | 66  | 54  | 47  | 42  | 64  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 42  | 51  | 45  | 42  | 40  | 40  | 40  | 40  |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 47  | 42  | 38  | 37  | 37  | 37  | 37  |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 59474 | 59474 | 59474 |
| 5°  | 57935 | 59702 | 62838 |
| 10° | 56523 | 61945 | 67434 |
| 15° | 55857 | 64983 | 71987 |
| 20° | 55060 | 66681 | 74422 |
| 25° | 53894 | 66185 | 73087 |
| 30° | 51210 | 62896 | 68802 |
| 35° | 46846 | 56711 | 61429 |
| 40° | 40526 | 46838 | 50402 |
| 45° | 34174 | 30716 | 32972 |
| 50° | 29014 | 17782 | 16724 |
| 55° | 25184 | 8525  | 6442  |
| 60° | 22739 | 3980  | 1590  |
| 65° | 22065 | 2296  | 532   |
| 70° | 19779 | 1827  | 497   |
| 75° | 16267 | 1313  | 233   |
| 80° | 12123 | 663   | 0     |
| 85° | 10441 | 0     | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 104.8  | 5.3       |
| 10°-20°   | 319.4  | 16.1      |
| 20°-30°   | 488.0  | 24.6      |
| 30°-40°   | 510.4  | 25.7      |
| 40°-50°   | 331.1  | 16.7      |
| 50°-60°   | 131.5  | 6.6       |
| 60°-70°   | 62.4   | 3.1       |
| 70°-80°   | 29.7   | 1.5       |
| 80°-90°   | 6.1    | 0.3       |
| 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°    | 912.1  | 46.0      |
| 0°-40°    | 1422.5 | 71.7      |
| 0°-60°    | 1885.0 | 95.1      |
| 0°-90°    | 1983.1 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1983.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1085 | 1085 | 1085 | 1085 | 1085 |      |
| 5°  | 1053 | 1062 | 1085 | 1112 | 1142 | 99   |
| 15° | 984  | 1032 | 1145 | 1217 | 1268 | 277  |
| 25° | 891  | 947  | 1094 | 1168 | 1208 | 408  |
| 35° | 700  | 743  | 847  | 897  | 918  | 433  |
| 45° | 441  | 437  | 396  | 420  | 425  | 343  |
| 55° | 264  | 224  | 89   | 70   | 67   | 239  |
| 65° | 170  | 141  | 18   | 4    | 4    | 166  |
| 75° | 77   | 62   | 6    | 2    | 1    | 83   |
| 85° | 17   | 10   | 0    | 0    | 0    | 19   |
| 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°    | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 |
| 2.5°  | 1071.4 | 1073.5 | 1062.1 | 1059.0 | 1067.3 | 1070.3 | 1071.4 | 1068.3 | 1069.4 | 1073.5 | 1073.5 |
| 5°    | 1052.8 | 1054.8 | 1044.4 | 1041.3 | 1049.6 | 1051.7 | 1054.8 | 1053.8 | 1056.9 | 1063.1 | 1062.1 |
| 7.5°  | 1035.1 | 1038.3 | 1026.9 | 1022.6 | 1033.1 | 1038.3 | 1040.3 | 1040.3 | 1044.4 | 1052.8 | 1053.8 |
| 10°   | 1015.4 | 1019.6 | 1009.2 | 1007.1 | 1018.5 | 1023.7 | 1024.7 | 1026.9 | 1033.1 | 1044.4 | 1046.5 |
| 12.5° | 998.8  | 1003.0 | 995.7  | 992.6  | 1005.1 | 1010.3 | 1012.3 | 1016.5 | 1023.7 | 1038.3 | 1040.3 |
| 15°   | 984.2  | 987.4  | 979.1  | 977.0  | 989.4  | 995.7  | 996.7  | 1003.0 | 1012.3 | 1028.9 | 1032.0 |
| 17.5° | 965.6  | 967.6  | 961.5  | 959.4  | 971.9  | 978.0  | 979.1  | 986.3  | 997.8  | 1014.4 | 1019.6 |
| 20°   | 943.8  | 945.9  | 939.7  | 937.6  | 950.1  | 957.3  | 958.3  | 964.6  | 978.0  | 995.7  | 1000.8 |
| 22.5° | 917.9  | 922.0  | 914.9  | 912.7  | 925.2  | 931.4  | 934.5  | 939.7  | 953.1  | 970.8  | 978.0  |
| 25°   | 891.0  | 891.0  | 885.8  | 884.7  | 896.1  | 903.4  | 902.4  | 909.6  | 923.1  | 940.8  | 946.9  |
| 27.5° | 855.6  | 854.7  | 849.4  | 848.4  | 860.8  | 867.0  | 865.0  | 872.2  | 884.7  | 902.4  | 908.6  |
| 30°   | 809.0  | 811.1  | 803.8  | 801.7  | 812.2  | 822.5  | 821.5  | 828.7  | 841.1  | 857.7  | 861.9  |
| 32.5° | 753.0  | 755.0  | 754.1  | 750.9  | 760.2  | 765.4  | 768.6  | 773.8  | 784.1  | 801.7  | 805.9  |
| 35°   | 700.0  | 697.0  | 692.9  | 692.9  | 702.2  | 710.4  | 707.3  | 713.6  | 724.0  | 741.6  | 742.7  |
| 37.5° | 634.8  | 633.7  | 631.6  | 629.6  | 640.0  | 642.0  | 643.0  | 647.2  | 656.6  | 671.1  | 669.0  |
| 40°   | 566.3  | 567.3  | 566.3  | 562.1  | 568.4  | 576.6  | 575.7  | 577.7  | 586.0  | 596.4  | 593.3  |
| 42.5° | 502.0  | 502.0  | 502.0  | 497.8  | 505.1  | 509.3  | 511.4  | 510.3  | 512.3  | 521.7  | 517.5  |
| 45°   | 440.8  | 441.9  | 440.8  | 439.8  | 440.8  | 442.9  | 440.8  | 439.8  | 439.8  | 442.9  | 436.7  |
| 47.5° | 387.9  | 387.9  | 384.8  | 381.7  | 384.8  | 385.8  | 382.8  | 379.6  | 378.5  | 377.6  | 367.2  |
| 50°   | 340.2  | 339.2  | 338.1  | 332.9  | 336.0  | 337.1  | 332.9  | 330.8  | 326.7  | 321.5  | 309.1  |
| 52.5° | 298.7  | 297.7  | 296.7  | 291.5  | 293.5  | 294.6  | 290.4  | 286.3  | 281.1  | 276.9  | 261.3  |
| 55°   | 263.5  | 262.4  | 262.4  | 259.3  | 257.2  | 259.3  | 255.1  | 252.0  | 244.7  | 239.6  | 224.0  |
| 57.5° | 233.3  | 233.3  | 231.3  | 228.1  | 229.2  | 229.2  | 225.1  | 220.9  | 214.7  | 208.5  | 196.1  |
| 60°   | 207.4  | 207.4  | 207.4  | 204.3  | 204.3  | 204.3  | 202.2  | 198.1  | 192.9  | 186.7  | 174.3  |
| 62.5° | 186.7  | 186.7  | 185.6  | 182.5  | 183.6  | 183.6  | 181.5  | 177.4  | 172.2  | 168.1  | 155.6  |
| 65°   | 170.1  | 170.1  | 170.1  | 167.0  | 167.0  | 168.1  | 165.9  | 161.8  | 157.7  | 152.5  | 141.1  |
| 67.5° | 149.3  | 148.3  | 148.3  | 146.3  | 147.3  | 148.3  | 146.3  | 143.1  | 137.9  | 134.8  | 124.5  |
| 70°   | 123.4  | 124.5  | 125.4  | 122.4  | 123.4  | 123.4  | 122.4  | 119.3  | 116.1  | 113.1  | 103.8  |
| 72.5° | 100.6  | 100.6  | 99.5   | 98.6   | 98.6   | 99.5   | 97.5   | 94.3   | 92.3   | 90.2   | 82.9   |
| 75°   | 76.8   | 75.7   | 76.8   | 74.7   | 74.7   | 74.7   | 72.6   | 71.6   | 70.5   | 67.4   | 62.2   |
| 77.5° | 56.1   | 55.0   | 55.0   | 52.9   | 53.9   | 53.9   | 52.9   | 50.9   | 48.8   | 47.7   | 43.6   |
| 80°   | 38.4   | 38.4   | 38.4   | 37.3   | 37.3   | 36.3   | 36.3   | 35.3   | 33.2   | 32.2   | 30.1   |
| 82.5° | 25.9   | 25.9   | 25.9   | 25.0   | 25.0   | 25.0   | 23.9   | 22.8   | 21.8   | 20.7   | 18.7   |
| 85°   | 16.6   | 16.6   | 16.6   | 15.5   | 15.5   | 15.5   | 14.5   | 14.5   | 13.5   | 12.5   | 10.4   |
| 87.5° | 9.3    | 9.3    | 9.3    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 7.3    | 6.2    | 5.2    |
| 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°    | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 |
| 2.5°  | 1080.7 | 1066.2 | 1075.5 | 1075.5 | 1072.4 | 1080.7 | 1086.0 | 1090.1 | 1089.0 | 1079.7 | 1078.7 |
| 5°    | 1072.4 | 1060.0 | 1070.3 | 1071.4 | 1068.3 | 1079.7 | 1086.9 | 1092.1 | 1093.2 | 1084.9 | 1086.0 |
| 7.5°  | 1066.2 | 1055.8 | 1069.4 | 1073.5 | 1072.4 | 1082.8 | 1091.2 | 1099.4 | 1103.5 | 1097.3 | 1098.4 |
| 10°   | 1063.1 | 1054.8 | 1069.4 | 1075.5 | 1076.6 | 1088.0 | 1100.5 | 1111.9 | 1117.1 | 1112.8 | 1116.0 |
| 12.5° | 1059.0 | 1053.8 | 1070.3 | 1079.7 | 1083.9 | 1095.3 | 1110.8 | 1124.3 | 1132.6 | 1130.5 | 1136.7 |
| 15°   | 1054.8 | 1050.7 | 1070.3 | 1083.9 | 1089.0 | 1099.4 | 1117.1 | 1136.7 | 1146.1 | 1145.0 | 1153.3 |
| 17.5° | 1044.4 | 1043.5 | 1064.2 | 1078.7 | 1086.0 | 1098.4 | 1115.0 | 1138.9 | 1148.2 | 1150.3 | 1160.6 |
| 20°   | 1027.9 | 1027.9 | 1050.7 | 1066.2 | 1074.6 | 1086.0 | 1106.7 | 1129.4 | 1140.9 | 1143.0 | 1154.4 |
| 22.5° | 1005.1 | 1007.1 | 1028.9 | 1044.4 | 1056.9 | 1065.1 | 1086.9 | 1110.8 | 1121.2 | 1124.3 | 1136.7 |
| 25°   | 974.9  | 977.0  | 997.8  | 1013.3 | 1026.9 | 1036.2 | 1056.9 | 1078.7 | 1091.2 | 1094.2 | 1103.5 |
| 27.5° | 935.6  | 939.7  | 959.4  | 974.9  | 986.3  | 992.6  | 1014.4 | 1037.2 | 1046.5 | 1049.6 | 1059.0 |
| 30°   | 889.9  | 891.0  | 910.6  | 924.2  | 935.6  | 940.8  | 959.4  | 983.3  | 990.5  | 993.6  | 1007.1 |
| 32.5° | 833.8  | 832.9  | 851.5  | 864.0  | 873.3  | 879.5  | 899.2  | 914.9  | 922.0  | 927.2  | 934.5  |
| 35°   | 766.5  | 765.4  | 778.9  | 793.4  | 800.7  | 802.7  | 822.5  | 839.0  | 843.3  | 847.4  | 856.7  |
| 37.5° | 690.7  | 690.7  | 702.2  | 709.5  | 717.7  | 720.9  | 730.2  | 748.9  | 756.1  | 755.0  | 762.3  |
| 40°   | 610.9  | 606.8  | 615.0  | 622.3  | 624.4  | 625.4  | 634.8  | 649.3  | 654.5  | 654.5  | 659.6  |
| 42.5° | 526.9  | 520.7  | 521.7  | 525.9  | 527.9  | 520.7  | 526.9  | 536.2  | 533.0  | 537.3  | 538.3  |
| 45°   | 437.6  | 428.3  | 424.2  | 414.8  | 416.9  | 409.6  | 405.5  | 407.6  | 406.6  | 396.2  | 398.3  |
| 47.5° | 365.1  | 348.5  | 341.2  | 327.8  | 324.7  | 316.3  | 311.2  | 301.8  | 293.5  | 293.5  | 288.3  |
| 50°   | 303.9  | 287.3  | 272.8  | 257.2  | 252.0  | 244.7  | 233.3  | 220.9  | 214.7  | 208.5  | 203.3  |
| 52.5° | 255.1  | 237.5  | 219.9  | 203.3  | 196.1  | 186.7  | 171.1  | 158.8  | 147.3  | 141.1  | 134.8  |
| 55°   | 215.8  | 196.1  | 177.4  | 159.7  | 150.4  | 141.1  | 125.4  | 110.9  | 97.5   | 89.2   | 84.0   |
| 57.5° | 185.6  | 167.0  | 147.3  | 128.6  | 120.3  | 109.9  | 93.4   | 77.7   | 65.4   | 56.1   | 50.9   |
| 60°   | 163.9  | 145.2  | 127.6  | 107.9  | 99.5   | 89.2   | 71.6   | 57.0   | 44.6   | 36.3   | 30.1   |
| 62.5° | 145.2  | 128.6  | 109.9  | 92.3   | 84.0   | 73.6   | 57.0   | 42.5   | 31.1   | 22.8   | 17.7   |
| 65°   | 131.7  | 115.1  | 99.5   | 82.0   | 74.7   | 64.3   | 48.8   | 35.3   | 25.0   | 17.7   | 12.5   |
| 67.5° | 116.1  | 101.6  | 86.1   | 71.6   | 64.3   | 56.1   | 41.5   | 30.1   | 20.7   | 14.5   | 10.4   |
| 70°   | 97.5   | 86.1   | 72.6   | 59.1   | 53.9   | 46.6   | 34.3   | 25.0   | 16.6   | 11.4   | 8.4    |
| 72.5° | 77.7   | 68.4   | 58.1   | 47.7   | 43.6   | 36.3   | 28.0   | 19.8   | 12.5   | 8.4    | 6.2    |
| 75°   | 59.1   | 51.8   | 43.6   | 36.3   | 32.2   | 28.0   | 20.7   | 14.5   | 9.3    | 6.2    | 4.1    |
| 77.5° | 40.5   | 37.3   | 31.1   | 25.0   | 22.8   | 19.8   | 13.5   | 9.3    | 6.2    | 4.1    | 2.1    |
| 80°   | 28.0   | 25.0   | 20.7   | 16.6   | 14.5   | 12.5   | 8.4    | 6.2    | 3.1    | 2.1    | 1.1    |
| 82.5° | 17.7   | 14.5   | 12.5   | 10.4   | 9.3    | 7.3    | 5.2    | 3.1    | 2.1    | 1.1    | 1.1    |
| 85°   | 9.3    | 8.4    | 7.3    | 5.2    | 5.2    | 4.1    | 3.1    | 2.1    | 1.1    | 0.0    | 0.0    |
| 87.5° | 5.2    | 4.1    | 3.1    | 2.1    | 2.1    | 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    | 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°    | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 |
| 2.5°  | 1091.2 | 1091.2 | 1090.1 | 1102.5 | 1088.0 | 1102.5 | 1095.3 | 1102.5 | 1092.1 | 1091.2 | 1092.1 |
| 5°    | 1099.4 | 1102.5 | 1103.5 | 1115.0 | 1101.5 | 1119.1 | 1112.8 | 1119.1 | 1111.9 | 1113.9 | 1117.1 |
| 7.5°  | 1116.0 | 1121.2 | 1120.1 | 1134.6 | 1121.2 | 1140.9 | 1136.7 | 1146.1 | 1138.9 | 1140.9 | 1145.0 |
| 10°   | 1134.6 | 1140.9 | 1141.9 | 1156.4 | 1144.0 | 1167.8 | 1162.7 | 1173.0 | 1166.9 | 1170.0 | 1175.1 |
| 12.5° | 1156.4 | 1163.7 | 1164.8 | 1181.4 | 1167.8 | 1192.8 | 1189.6 | 1200.0 | 1194.8 | 1198.0 | 1204.2 |
| 15°   | 1173.0 | 1183.4 | 1185.5 | 1202.1 | 1187.6 | 1213.5 | 1211.4 | 1225.0 | 1216.6 | 1221.8 | 1227.0 |
| 17.5° | 1181.4 | 1190.7 | 1194.8 | 1210.4 | 1198.0 | 1223.9 | 1221.8 | 1233.2 | 1227.0 | 1232.1 | 1238.4 |
| 20°   | 1176.2 | 1187.6 | 1190.7 | 1206.2 | 1193.9 | 1219.8 | 1216.6 | 1228.0 | 1221.8 | 1225.9 | 1232.1 |
| 22.5° | 1157.5 | 1168.9 | 1173.0 | 1187.6 | 1176.2 | 1200.0 | 1199.0 | 1209.4 | 1201.0 | 1206.2 | 1211.4 |
| 25°   | 1124.3 | 1136.7 | 1138.9 | 1152.3 | 1139.8 | 1164.8 | 1162.7 | 1174.1 | 1167.8 | 1171.0 | 1178.2 |
| 27.5° | 1076.6 | 1091.2 | 1094.2 | 1105.7 | 1096.3 | 1117.1 | 1117.1 | 1126.4 | 1119.1 | 1119.1 | 1126.4 |
| 30°   | 1019.6 | 1034.0 | 1036.2 | 1045.5 | 1037.2 | 1055.8 | 1056.9 | 1066.2 | 1054.8 | 1061.0 | 1062.1 |
| 32.5° | 950.1  | 959.4  | 965.6  | 973.9  | 961.5  | 985.3  | 982.2  | 989.4  | 983.3  | 983.3  | 988.5  |
| 35°   | 866.1  | 877.5  | 880.6  | 891.0  | 880.6  | 899.2  | 899.2  | 903.4  | 897.2  | 897.2  | 905.4  |
| 37.5° | 774.8  | 783.1  | 784.1  | 794.5  | 786.1  | 801.7  | 800.7  | 803.8  | 797.6  | 801.7  | 801.7  |
| 40°   | 667.9  | 674.1  | 676.3  | 681.4  | 680.4  | 691.8  | 690.7  | 692.9  | 689.7  | 690.7  | 692.9  |
| 42.5° | 543.5  | 551.8  | 555.9  | 560.0  | 553.9  | 569.4  | 566.3  | 569.4  | 568.4  | 569.4  | 572.5  |
| 45°   | 400.3  | 406.6  | 409.6  | 410.7  | 408.7  | 418.0  | 425.3  | 419.0  | 420.1  | 418.0  | 422.1  |
| 47.5° | 289.4  | 290.4  | 288.3  | 294.6  | 289.4  | 293.5  | 295.6  | 296.7  | 290.4  | 289.4  | 293.5  |
| 50°   | 198.1  | 203.3  | 196.1  | 199.2  | 198.1  | 202.2  | 200.2  | 201.3  | 195.0  | 198.1  | 196.1  |
| 52.5° | 131.7  | 130.7  | 128.6  | 129.7  | 127.6  | 127.6  | 127.6  | 129.7  | 125.4  | 123.4  | 121.3  |
| 55°   | 79.9   | 77.7   | 73.6   | 72.6   | 72.6   | 73.6   | 71.6   | 69.5   | 69.5   | 68.4   | 68.4   |
| 57.5° | 46.6   | 43.6   | 41.5   | 40.5   | 38.4   | 37.3   | 36.3   | 36.3   | 34.3   | 34.3   | 34.3   |
| 60°   | 25.9   | 22.8   | 20.7   | 18.7   | 18.7   | 17.7   | 16.6   | 15.5   | 15.5   | 15.5   | 14.5   |
| 62.5° | 13.5   | 11.4   | 9.3    | 8.4    | 8.4    | 7.3    | 6.2    | 6.2    | 6.2    | 6.2    | 5.2    |
| 65°   | 9.3    | 7.3    | 6.2    | 5.2    | 5.2    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 67.5° | 7.3    | 6.2    | 5.2    | 4.1    | 4.1    | 4.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    |
| 70°   | 6.2    | 4.1    | 4.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    |
| 72.5° | 4.1    | 4.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    |
| 75°   | 3.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    |
| 77.5° | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 1.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 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    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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: P844111

CATALOG NUMBER: LD6C20DE010B2750 EU6C20B27 6LBSWLI

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 | 1084.9 |
| 2.5°  | 1101.5 | 1100.5 | 1101.5 | 1103.5 | 1099.4 | 1111.9 | 1105.7 | 1111.9 |
| 5°    | 1125.3 | 1126.4 | 1127.4 | 1130.5 | 1125.3 | 1140.9 | 1132.6 | 1141.9 |
| 7.5°  | 1156.4 | 1157.5 | 1158.5 | 1161.7 | 1158.5 | 1174.1 | 1164.8 | 1173.0 |
| 10°   | 1188.7 | 1190.7 | 1190.7 | 1195.9 | 1192.8 | 1207.3 | 1201.0 | 1211.4 |
| 12.5° | 1218.7 | 1220.7 | 1222.8 | 1225.9 | 1223.9 | 1239.4 | 1234.3 | 1242.5 |
| 15°   | 1242.5 | 1246.6 | 1247.7 | 1251.8 | 1249.8 | 1266.4 | 1260.2 | 1268.4 |
| 17.5° | 1253.9 | 1258.1 | 1258.1 | 1263.2 | 1261.2 | 1278.8 | 1270.5 | 1279.8 |
| 20°   | 1247.7 | 1250.9 | 1251.8 | 1257.1 | 1255.0 | 1272.7 | 1264.3 | 1275.7 |
| 22.5° | 1228.0 | 1229.1 | 1230.1 | 1235.3 | 1234.3 | 1249.8 | 1242.5 | 1249.8 |
| 25°   | 1191.7 | 1194.8 | 1193.9 | 1198.0 | 1198.0 | 1210.4 | 1202.1 | 1208.3 |
| 27.5° | 1139.8 | 1143.0 | 1143.0 | 1148.2 | 1144.0 | 1156.4 | 1148.2 | 1157.5 |
| 30°   | 1076.6 | 1079.7 | 1077.6 | 1081.7 | 1077.6 | 1090.1 | 1083.9 | 1086.9 |
| 32.5° | 1000.8 | 1000.8 | 1001.9 | 1003.0 | 1000.8 | 1012.3 | 1006.0 | 1012.3 |
| 35°   | 910.6  | 912.7  | 913.8  | 914.9  | 912.7  | 921.0  | 913.8  | 917.9  |
| 37.5° | 809.0  | 814.2  | 813.1  | 814.2  | 811.1  | 821.5  | 815.2  | 817.3  |
| 40°   | 700.0  | 700.0  | 699.0  | 701.1  | 698.0  | 706.3  | 702.2  | 704.3  |
| 42.5° | 573.6  | 576.6  | 572.5  | 577.7  | 569.4  | 580.9  | 576.6  | 573.6  |
| 45°   | 430.5  | 426.2  | 425.3  | 426.2  | 423.2  | 424.2  | 427.3  | 425.3  |
| 47.5° | 293.5  | 293.5  | 291.5  | 288.3  | 292.5  | 293.5  | 289.4  | 289.4  |
| 50°   | 197.0  | 197.0  | 195.0  | 194.0  | 196.1  | 195.0  | 192.9  | 196.1  |
| 52.5° | 125.4  | 121.3  | 121.3  | 123.4  | 121.3  | 119.3  | 122.4  | 120.3  |
| 55°   | 68.4   | 66.4   | 66.4   | 68.4   | 66.4   | 66.4   | 65.4   | 67.4   |
| 57.5° | 33.2   | 34.3   | 33.2   | 33.2   | 33.2   | 33.2   | 32.2   | 33.2   |
| 60°   | 14.5   | 14.5   | 14.5   | 14.5   | 14.5   | 14.5   | 14.5   | 14.5   |
| 62.5° | 6.2    | 6.2    | 5.2    | 5.2    | 5.2    | 5.2    | 5.2    | 5.2    |
| 65°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 67.5° | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 4.1    | 3.1    | 3.1    |
| 70°   | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    |
| 72.5° | 3.1    | 3.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    | 4.1    |
| 75°   | 2.1    | 2.1    | 2.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 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    |



Report Generated By 670246072 / DESKTOP-50001EG





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















(END OF REPORT)