

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: P844253

Luminaire Tested: **LD6C25DE010B2750 EU6C25B50 6LBLDWWLI**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844253  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C25DE010B2750 EU6C25B50 6LBLDWWLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

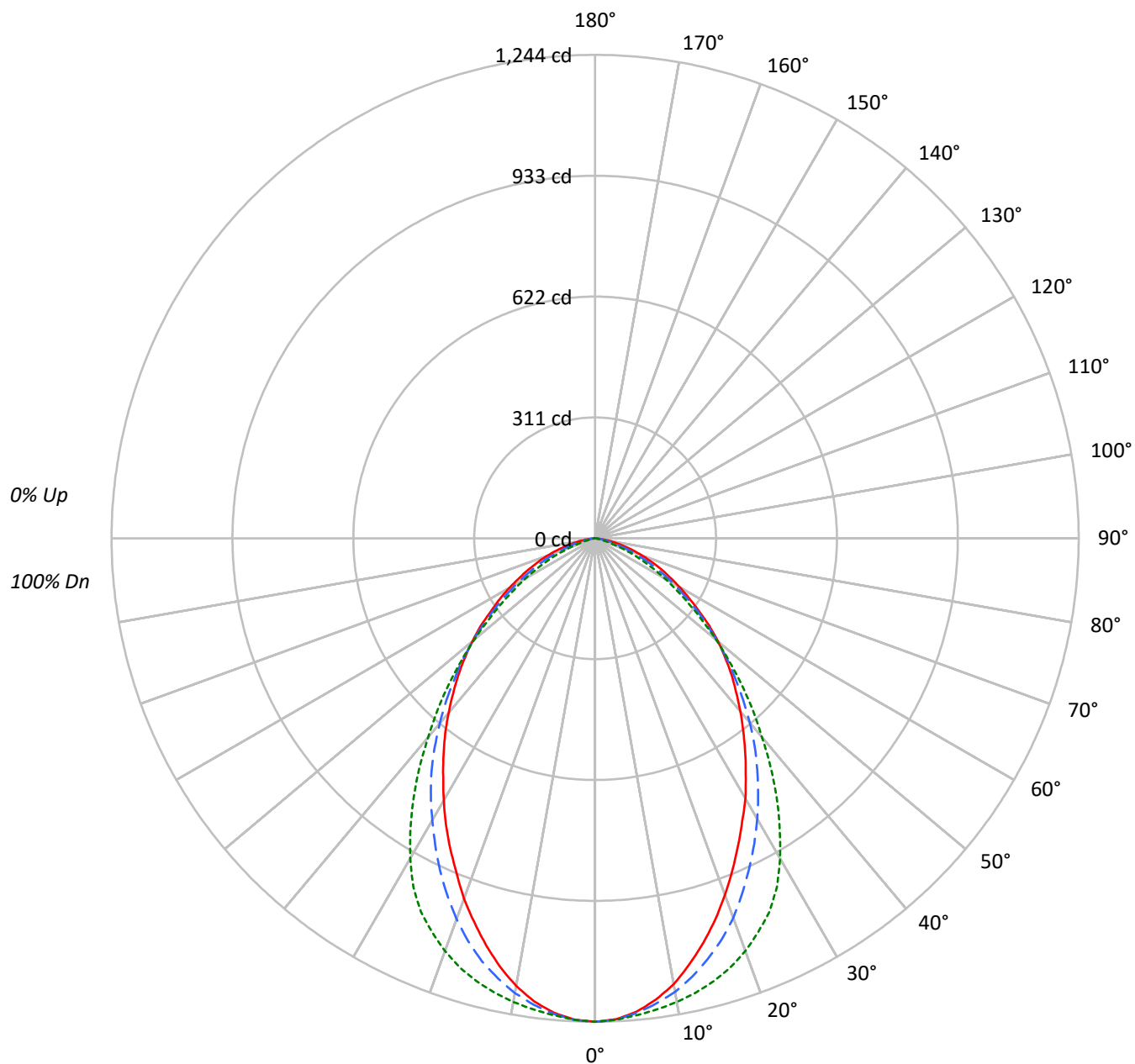
Lumens per Lamp: N/A  
Luminaire Lumens: 2227.4 lumens  
Efficiency: N/A  
Efficacy: 74.7 lumens/watt  
Spacing Criteria (0/90/45): 0.97 / 1.15 / 1.13  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 29.8  
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

TEST NUMBER: P844253

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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   | 111 | 107 | 104 | 101 | 108 | 105 | 102 | 99  | 101 | 98  | 96  | 97  | 95  | 93  | 93  | 92  | 90  | 88  |    |    |
| 2   | 103 | 96  | 90  | 85  | 100 | 94  | 89  | 84  | 91  | 86  | 82  | 87  | 84  | 81  | 85  | 82  | 79  | 77  |    |    |
| 3   | 95  | 86  | 79  | 73  | 93  | 84  | 78  | 73  | 82  | 76  | 72  | 79  | 74  | 70  | 77  | 73  | 69  | 67  |    |    |
| 4   | 88  | 77  | 70  | 64  | 86  | 76  | 69  | 64  | 74  | 68  | 63  | 72  | 66  | 62  | 70  | 65  | 61  | 59  |    |    |
| 5   | 82  | 70  | 62  | 57  | 80  | 69  | 62  | 56  | 67  | 61  | 56  | 65  | 60  | 55  | 64  | 59  | 55  | 53  |    |    |
| 6   | 76  | 64  | 56  | 50  | 74  | 63  | 56  | 50  | 61  | 55  | 50  | 60  | 54  | 49  | 58  | 53  | 49  | 47  |    |    |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  | 55  | 49  | 45  | 54  | 48  | 44  | 42  |    |    |
| 8   | 66  | 54  | 46  | 41  | 65  | 53  | 46  | 41  | 52  | 45  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 38  |    |    |
| 9   | 62  | 50  | 42  | 37  | 61  | 49  | 42  | 37  | 48  | 42  | 37  | 47  | 41  | 37  | 46  | 41  | 37  | 35  |    |    |
| 10  | 59  | 46  | 39  | 34  | 57  | 46  | 39  | 34  | 45  | 39  | 34  | 44  | 38  | 34  | 43  | 38  | 34  | 32  |    |    |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 68213 | 68213 | 68213 |
| 5°  | 67312 | 67785 | 67428 |
| 10° | 64851 | 67439 | 65101 |
| 15° | 61118 | 66964 | 61521 |
| 20° | 56962 | 65928 | 57568 |
| 25° | 52678 | 64159 | 53301 |
| 30° | 48919 | 60224 | 49261 |
| 35° | 45019 | 54475 | 45521 |
| 40° | 41599 | 47782 | 41986 |
| 45° | 38423 | 41291 | 38554 |
| 50° | 35154 | 34617 | 35112 |
| 55° | 31053 | 28271 | 31177 |
| 60° | 27421 | 22685 | 27827 |
| 65° | 24140 | 16876 | 24309 |
| 70° | 20308 | 10595 | 20853 |
| 75° | 16097 | 4490  | 16563 |
| 80° | 10765 | 1042  | 11555 |
| 85° | 4466  | 252   | 5284  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 115.9  | 5.2       |
| 10°-20°   | 316.4  | 14.2      |
| 20°-30°   | 436.8  | 19.6      |
| 30°-40°   | 459.5  | 20.6      |
| 40°-50°   | 395.7  | 17.8      |
| 50°-60°   | 281.7  | 12.6      |
| 60°-70°   | 158.8  | 7.1       |
| 70°-80°   | 56.3   | 2.5       |
| 80°-90°   | 6.3    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 869.1  | 39.0      |
| 0°-40°    | 1328.5 | 59.6      |
| 0°-60°    | 2005.9 | 90.1      |
| 0°-90°    | 2227.4 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2227.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1244 | 1244 | 1244 | 1244 | 1244 |      |
| 5°  | 1223 | 1226 | 1232 | 1228 | 1225 | 115  |
| 15° | 1077 | 1121 | 1180 | 1126 | 1084 | 302  |
| 25° | 871  | 938  | 1061 | 944  | 881  | 401  |
| 35° | 673  | 727  | 814  | 734  | 680  | 421  |
| 45° | 496  | 510  | 533  | 511  | 497  | 382  |
| 55° | 325  | 314  | 296  | 314  | 326  | 293  |
| 65° | 186  | 160  | 130  | 161  | 187  | 184  |
| 75° | 76   | 51   | 21   | 52   | 78   | 82   |
| 85° | 7    | 3    | 0    | 3    | 8    | 12   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



TEST NUMBER: P844253

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B50 6LBLDWWLI

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 |
| 2.5°  | 1238.9 | 1239.3 | 1239.3 | 1239.8 | 1239.3 | 1239.3 | 1239.8 | 1239.8 | 1239.3 | 1239.8 | 1239.8 |
| 5°    | 1223.2 | 1222.7 | 1223.2 | 1223.6 | 1224.8 | 1224.8 | 1224.4 | 1224.4 | 1225.7 | 1225.3 | 1226.0 |
| 7.5°  | 1197.3 | 1197.3 | 1198.6 | 1199.5 | 1199.5 | 1199.9 | 1200.7 | 1202.4 | 1204.0 | 1204.4 | 1207.4 |
| 10°   | 1165.0 | 1165.4 | 1165.0 | 1166.7 | 1167.9 | 1170.0 | 1169.5 | 1172.5 | 1175.3 | 1179.6 | 1185.0 |
| 12.5° | 1122.1 | 1123.4 | 1126.0 | 1126.0 | 1129.7 | 1131.8 | 1131.4 | 1138.0 | 1143.4 | 1148.4 | 1155.0 |
| 15°   | 1076.9 | 1076.5 | 1078.6 | 1081.9 | 1085.7 | 1088.5 | 1089.8 | 1098.5 | 1104.0 | 1112.2 | 1120.6 |
| 17.5° | 1028.3 | 1027.1 | 1030.3 | 1032.5 | 1038.7 | 1042.4 | 1044.9 | 1052.3 | 1061.1 | 1071.1 | 1082.3 |
| 20°   | 976.4  | 978.4  | 979.3  | 982.2  | 990.5  | 993.4  | 997.6  | 1005.8 | 1014.6 | 1026.2 | 1039.1 |
| 22.5° | 923.2  | 926.1  | 927.8  | 931.5  | 938.1  | 940.7  | 944.8  | 956.8  | 966.4  | 976.7  | 988.8  |
| 25°   | 870.9  | 874.1  | 877.1  | 881.6  | 886.2  | 889.9  | 895.4  | 903.6  | 914.4  | 924.1  | 937.7  |
| 27.5° | 819.8  | 822.6  | 823.5  | 828.9  | 834.3  | 839.2  | 842.2  | 852.1  | 861.2  | 872.9  | 886.2  |
| 30°   | 772.8  | 771.1  | 773.2  | 777.8  | 784.0  | 787.3  | 792.3  | 798.9  | 808.9  | 820.2  | 833.8  |
| 32.5° | 721.3  | 721.3  | 724.6  | 730.0  | 734.9  | 737.5  | 739.1  | 748.3  | 758.2  | 769.0  | 780.2  |
| 35°   | 672.7  | 674.3  | 677.2  | 680.6  | 686.0  | 688.0  | 691.8  | 698.5  | 706.3  | 718.3  | 726.7  |
| 37.5° | 625.7  | 627.0  | 629.8  | 633.2  | 637.3  | 641.5  | 643.1  | 650.2  | 656.1  | 666.0  | 673.9  |
| 40°   | 581.3  | 581.7  | 585.0  | 586.2  | 589.9  | 591.6  | 594.9  | 598.7  | 607.0  | 611.2  | 618.6  |
| 42.5° | 536.3  | 538.4  | 539.7  | 542.6  | 543.0  | 546.4  | 548.0  | 549.2  | 555.9  | 558.4  | 562.6  |
| 45°   | 495.6  | 495.6  | 496.9  | 496.9  | 499.0  | 497.7  | 500.3  | 502.7  | 503.1  | 507.2  | 509.8  |
| 47.5° | 453.3  | 452.0  | 453.7  | 453.3  | 452.9  | 452.9  | 453.7  | 454.1  | 455.3  | 458.3  | 459.5  |
| 50°   | 412.2  | 409.2  | 409.2  | 408.8  | 408.5  | 409.6  | 409.6  | 409.2  | 409.2  | 410.5  | 409.2  |
| 52.5° | 370.2  | 369.3  | 367.3  | 365.6  | 364.8  | 364.8  | 364.8  | 363.1  | 363.1  | 362.3  | 359.4  |
| 55°   | 324.9  | 326.2  | 325.3  | 324.5  | 324.1  | 322.8  | 322.8  | 320.8  | 317.4  | 315.8  | 314.1  |
| 57.5° | 285.9  | 287.5  | 287.5  | 285.9  | 283.8  | 282.9  | 280.9  | 279.6  | 276.7  | 273.8  | 270.4  |
| 60°   | 250.1  | 252.1  | 249.3  | 248.0  | 247.6  | 246.3  | 245.6  | 240.9  | 238.1  | 235.1  | 231.4  |
| 62.5° | 216.1  | 216.9  | 214.8  | 213.5  | 212.3  | 211.1  | 210.7  | 206.9  | 201.9  | 198.2  | 193.7  |
| 65°   | 186.1  | 184.9  | 184.0  | 182.0  | 179.9  | 178.2  | 178.2  | 173.2  | 168.7  | 164.1  | 159.5  |
| 67.5° | 154.9  | 155.8  | 154.5  | 152.9  | 149.5  | 147.9  | 145.4  | 142.0  | 137.9  | 133.4  | 128.0  |
| 70°   | 126.7  | 126.3  | 125.0  | 123.4  | 121.3  | 118.5  | 116.3  | 114.6  | 108.8  | 103.4  | 98.9   |
| 72.5° | 101.0  | 100.6  | 99.3   | 97.2   | 94.3   | 93.1   | 91.4   | 87.3   | 82.7   | 78.2   | 73.1   |
| 75°   | 76.0   | 76.5   | 74.4   | 73.5   | 70.2   | 69.0   | 68.5   | 63.6   | 59.9   | 55.6   | 51.1   |
| 77.5° | 54.5   | 54.5   | 52.4   | 50.7   | 49.1   | 48.2   | 46.5   | 43.6   | 40.7   | 36.6   | 32.8   |
| 80°   | 34.1   | 34.1   | 34.1   | 32.4   | 30.8   | 29.9   | 28.7   | 26.5   | 23.7   | 21.2   | 18.7   |
| 82.5° | 18.3   | 18.3   | 17.5   | 17.0   | 16.2   | 15.3   | 14.9   | 14.2   | 12.1   | 10.8   | 9.1    |
| 85°   | 7.1    | 7.1    | 6.7    | 6.7    | 5.8    | 5.8    | 5.4    | 5.0    | 4.1    | 3.7    | 3.3    |
| 87.5° | 0.8    | 0.8    | 0.8    | 0.8    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 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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CATALOG NUMBER: LD6C25DE010B2750 EU6C25B50 6LBLDWWLI

**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 |
| 2.5°  | 1240.2 | 1240.2 | 1239.8 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.2 | 1240.6 |
| 5°    | 1226.9 | 1228.1 | 1228.5 | 1229.0 | 1229.8 | 1230.2 | 1230.7 | 1231.1 | 1231.5 | 1231.8 | 1231.8 |
| 7.5°  | 1209.8 | 1212.8 | 1214.8 | 1216.9 | 1217.8 | 1218.6 | 1219.9 | 1221.5 | 1222.7 | 1222.7 | 1222.3 |
| 10°   | 1189.5 | 1193.2 | 1197.3 | 1201.2 | 1202.4 | 1204.4 | 1206.5 | 1209.0 | 1211.1 | 1211.5 | 1211.5 |
| 12.5° | 1162.9 | 1167.1 | 1174.5 | 1180.7 | 1183.3 | 1186.1 | 1190.4 | 1194.1 | 1196.2 | 1197.3 | 1197.0 |
| 15°   | 1129.7 | 1138.4 | 1148.8 | 1155.9 | 1159.2 | 1164.1 | 1170.8 | 1174.9 | 1178.3 | 1179.9 | 1179.2 |
| 17.5° | 1093.5 | 1104.7 | 1115.9 | 1125.5 | 1130.1 | 1135.1 | 1144.3 | 1151.7 | 1156.6 | 1157.9 | 1157.1 |
| 20°   | 1052.3 | 1064.8 | 1076.9 | 1088.9 | 1095.2 | 1101.0 | 1110.5 | 1120.1 | 1128.4 | 1130.1 | 1128.8 |
| 22.5° | 1003.4 | 1017.4 | 1032.0 | 1045.8 | 1052.8 | 1058.2 | 1071.9 | 1082.7 | 1092.3 | 1096.4 | 1093.5 |
| 25°   | 952.7  | 967.6  | 983.0  | 995.0  | 1003.0 | 1012.0 | 1024.5 | 1037.0 | 1048.6 | 1060.7 | 1049.9 |
| 27.5° | 898.7  | 912.4  | 928.6  | 945.2  | 952.7  | 959.4  | 972.2  | 988.0  | 1000.0 | 1012.0 | 1000.0 |
| 30°   | 844.6  | 862.1  | 876.7  | 891.2  | 899.5  | 907.3  | 920.2  | 933.2  | 944.8  | 951.4  | 943.9  |
| 32.5° | 794.0  | 806.9  | 821.4  | 835.5  | 841.3  | 847.6  | 858.4  | 870.4  | 881.6  | 883.8  | 878.7  |
| 35°   | 740.8  | 752.0  | 764.0  | 773.2  | 780.2  | 786.9  | 796.5  | 803.9  | 806.9  | 814.0  | 808.9  |
| 37.5° | 680.6  | 690.5  | 701.3  | 708.0  | 714.2  | 719.6  | 726.7  | 733.3  | 735.8  | 741.2  | 737.5  |
| 40°   | 623.6  | 631.9  | 638.2  | 645.3  | 648.5  | 653.9  | 656.9  | 662.3  | 665.1  | 667.7  | 668.1  |
| 42.5° | 568.8  | 573.3  | 577.9  | 582.9  | 584.1  | 585.4  | 592.5  | 596.2  | 599.1  | 600.7  | 598.3  |
| 45°   | 512.7  | 517.3  | 518.9  | 522.7  | 524.7  | 525.5  | 528.5  | 528.9  | 529.8  | 532.6  | 531.4  |
| 47.5° | 461.6  | 462.0  | 463.2  | 464.9  | 465.8  | 465.8  | 467.4  | 465.8  | 466.6  | 466.9  | 467.8  |
| 50°   | 408.0  | 410.9  | 408.0  | 409.6  | 410.0  | 409.6  | 408.5  | 407.6  | 406.3  | 405.9  | 405.5  |
| 52.5° | 357.3  | 357.7  | 356.1  | 354.8  | 353.6  | 354.0  | 350.7  | 349.0  | 349.4  | 346.9  | 349.9  |
| 55°   | 311.2  | 309.6  | 305.8  | 304.5  | 301.6  | 301.2  | 300.8  | 298.7  | 295.4  | 295.8  | 296.7  |
| 57.5° | 266.7  | 263.8  | 260.1  | 258.0  | 257.2  | 253.8  | 253.4  | 250.1  | 248.0  | 247.6  | 247.6  |
| 60°   | 226.4  | 223.9  | 220.2  | 216.5  | 213.5  | 211.8  | 209.8  | 206.5  | 207.3  | 206.9  | 204.9  |
| 62.5° | 188.3  | 185.3  | 179.9  | 175.8  | 174.1  | 172.8  | 170.0  | 167.4  | 166.2  | 167.4  | 166.2  |
| 65°   | 154.1  | 149.5  | 143.3  | 139.2  | 138.8  | 137.1  | 133.8  | 132.1  | 130.8  | 130.1  | 131.3  |
| 67.5° | 122.6  | 116.3  | 112.6  | 107.2  | 104.7  | 103.9  | 99.3   | 96.8   | 97.2   | 96.8   | 97.2   |
| 70°   | 93.5   | 87.3   | 82.3   | 78.2   | 74.8   | 73.5   | 71.1   | 67.7   | 67.3   | 66.1   | 67.7   |
| 72.5° | 67.7   | 62.3   | 57.7   | 53.2   | 50.2   | 48.7   | 45.3   | 42.0   | 41.1   | 40.3   | 40.3   |
| 75°   | 46.5   | 42.0   | 37.0   | 32.8   | 30.8   | 29.1   | 25.8   | 23.3   | 21.2   | 21.2   | 21.2   |
| 77.5° | 29.1   | 25.4   | 21.6   | 18.7   | 17.5   | 15.8   | 12.9   | 10.4   | 9.5    | 8.4    | 8.7    |
| 80°   | 16.6   | 13.7   | 11.6   | 9.5    | 8.4    | 7.5    | 5.8    | 4.5    | 3.3    | 3.3    | 3.3    |
| 82.5° | 7.9    | 6.7    | 5.0    | 4.1    | 3.7    | 2.9    | 2.1    | 1.7    | 1.3    | 0.8    | 0.8    |
| 85°   | 2.5    | 2.1    | 1.7    | 1.3    | 0.8    | 0.8    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    |
| 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 |
| 2.5°  | 1240.2 | 1240.6 | 1240.2 | 1240.6 | 1240.2 | 1241.0 | 1241.0 | 1240.6 | 1240.6 | 1240.6 | 1240.2 |
| 5°    | 1231.5 | 1231.5 | 1231.1 | 1231.1 | 1231.1 | 1230.7 | 1229.4 | 1229.4 | 1228.5 | 1228.1 | 1227.3 |
| 7.5°  | 1221.9 | 1221.0 | 1219.9 | 1219.5 | 1218.2 | 1216.9 | 1214.5 | 1212.4 | 1210.7 | 1208.7 | 1206.5 |
| 10°   | 1210.3 | 1208.2 | 1205.7 | 1204.0 | 1203.2 | 1200.3 | 1196.6 | 1191.5 | 1188.3 | 1184.5 | 1180.3 |
| 12.5° | 1195.3 | 1192.8 | 1188.3 | 1185.0 | 1182.9 | 1177.5 | 1172.1 | 1165.8 | 1159.2 | 1152.5 | 1148.4 |
| 15°   | 1175.8 | 1171.6 | 1165.8 | 1162.4 | 1158.7 | 1151.2 | 1141.7 | 1133.0 | 1126.4 | 1118.9 | 1108.9 |
| 17.5° | 1152.9 | 1146.7 | 1138.9 | 1133.4 | 1128.8 | 1118.9 | 1107.7 | 1096.4 | 1086.5 | 1077.3 | 1067.4 |
| 20°   | 1121.4 | 1113.9 | 1104.3 | 1097.3 | 1092.7 | 1079.8 | 1067.8 | 1054.5 | 1042.4 | 1031.6 | 1020.0 |
| 22.5° | 1084.4 | 1071.9 | 1062.4 | 1054.0 | 1049.1 | 1034.6 | 1021.3 | 1007.1 | 994.2  | 984.7  | 972.2  |
| 25°   | 1037.9 | 1025.8 | 1013.7 | 1007.1 | 999.3  | 983.8  | 970.2  | 955.6  | 943.5  | 931.5  | 919.8  |
| 27.5° | 988.4  | 974.3  | 961.0  | 953.1  | 946.1  | 931.0  | 917.4  | 904.1  | 890.3  | 877.1  | 866.6  |
| 30°   | 934.4  | 920.2  | 909.9  | 899.9  | 892.0  | 880.0  | 862.9  | 849.6  | 837.6  | 825.6  | 814.7  |
| 32.5° | 874.1  | 862.5  | 850.0  | 845.0  | 839.2  | 824.7  | 811.4  | 798.5  | 786.5  | 774.4  | 763.2  |
| 35°   | 804.3  | 795.2  | 787.7  | 782.3  | 778.6  | 765.7  | 755.4  | 741.6  | 734.1  | 722.0  | 713.8  |
| 37.5° | 732.9  | 728.3  | 723.3  | 716.7  | 711.3  | 703.9  | 697.6  | 686.4  | 677.6  | 669.0  | 659.8  |
| 40°   | 664.3  | 659.3  | 652.7  | 649.4  | 648.1  | 641.5  | 632.8  | 627.0  | 622.0  | 614.1  | 609.1  |
| 42.5° | 597.5  | 594.9  | 588.4  | 586.7  | 585.0  | 579.2  | 575.0  | 570.1  | 566.7  | 560.9  | 558.4  |
| 45°   | 529.3  | 528.9  | 527.2  | 525.5  | 524.7  | 520.6  | 519.7  | 513.5  | 510.6  | 509.4  | 506.9  |
| 47.5° | 469.1  | 467.8  | 465.4  | 467.8  | 464.1  | 463.7  | 463.7  | 462.4  | 461.1  | 457.8  | 457.4  |
| 50°   | 407.6  | 409.6  | 410.0  | 408.8  | 411.3  | 410.9  | 408.8  | 409.2  | 410.0  | 411.7  | 409.2  |
| 52.5° | 351.0  | 352.7  | 355.7  | 354.4  | 356.5  | 358.5  | 357.7  | 361.1  | 359.8  | 361.5  | 364.8  |
| 55°   | 297.5  | 302.1  | 304.9  | 303.8  | 305.3  | 307.9  | 308.7  | 311.6  | 314.1  | 317.0  | 319.1  |
| 57.5° | 251.4  | 252.6  | 256.8  | 258.0  | 258.4  | 260.5  | 264.6  | 269.3  | 272.1  | 274.2  | 276.3  |
| 60°   | 206.0  | 210.3  | 213.1  | 213.1  | 216.5  | 219.4  | 223.2  | 227.3  | 230.6  | 235.5  | 239.3  |
| 62.5° | 167.8  | 168.7  | 172.8  | 173.2  | 175.8  | 180.7  | 183.6  | 189.8  | 194.1  | 199.5  | 204.4  |
| 65°   | 130.8  | 134.6  | 137.1  | 137.5  | 141.3  | 145.0  | 149.1  | 154.9  | 160.8  | 165.3  | 170.0  |
| 67.5° | 98.0   | 100.2  | 103.4  | 106.4  | 107.2  | 112.6  | 118.9  | 124.3  | 129.2  | 133.4  | 139.2  |
| 70°   | 68.5   | 70.2   | 74.8   | 76.5   | 78.9   | 83.1   | 88.1   | 93.9   | 99.7   | 105.6  | 110.1  |
| 72.5° | 42.0   | 45.7   | 48.7   | 51.1   | 53.2   | 58.2   | 63.6   | 68.5   | 73.5   | 78.5   | 84.3   |
| 75°   | 23.3   | 25.8   | 29.1   | 31.6   | 33.6   | 37.4   | 42.4   | 47.4   | 51.9   | 56.5   | 60.7   |
| 77.5° | 10.4   | 12.9   | 15.8   | 17.5   | 19.1   | 22.4   | 26.1   | 30.4   | 34.1   | 37.4   | 41.1   |
| 80°   | 4.1    | 5.8    | 7.5    | 8.7    | 9.5    | 11.6   | 14.5   | 16.6   | 19.1   | 22.0   | 25.0   |
| 82.5° | 1.7    | 2.1    | 2.9    | 3.7    | 4.1    | 5.4    | 6.7    | 7.9    | 9.9    | 11.2   | 12.9   |
| 85°   | 0.4    | 0.4    | 0.8    | 0.8    | 1.3    | 1.7    | 2.1    | 2.9    | 3.3    | 3.7    | 4.5    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.4    | 0.4    | 0.8    |
| 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: P844253

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B50 6LBLDWWLI

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 | 1244.3 |
| 2.5°  | 1240.2 | 1239.8 | 1239.8 | 1239.8 | 1239.8 | 1239.3 | 1239.3 | 1239.3 |
| 5°    | 1227.7 | 1226.9 | 1226.4 | 1226.4 | 1225.3 | 1225.7 | 1225.7 | 1225.3 |
| 7.5°  | 1205.7 | 1204.9 | 1203.6 | 1204.4 | 1204.0 | 1202.8 | 1202.4 | 1202.0 |
| 10°   | 1177.0 | 1175.3 | 1174.9 | 1172.9 | 1171.6 | 1171.2 | 1171.2 | 1169.5 |
| 12.5° | 1143.0 | 1138.4 | 1138.0 | 1135.9 | 1133.0 | 1131.4 | 1132.2 | 1129.7 |
| 15°   | 1105.1 | 1098.5 | 1095.2 | 1093.5 | 1090.2 | 1087.2 | 1084.8 | 1084.0 |
| 17.5° | 1059.0 | 1051.6 | 1049.1 | 1047.4 | 1040.4 | 1040.0 | 1036.6 | 1035.3 |
| 20°   | 1010.9 | 1004.2 | 1000.4 | 998.0  | 992.6  | 987.6  | 987.2  | 986.8  |
| 22.5° | 963.9  | 953.1  | 949.8  | 946.1  | 940.2  | 936.1  | 933.6  | 931.5  |
| 25°   | 910.7  | 902.0  | 896.1  | 892.4  | 888.3  | 884.9  | 881.6  | 881.2  |
| 27.5° | 857.5  | 849.3  | 845.5  | 842.2  | 836.8  | 833.0  | 829.7  | 831.4  |
| 30°   | 805.6  | 797.2  | 793.1  | 790.7  | 785.3  | 783.2  | 777.4  | 778.2  |
| 32.5° | 754.1  | 746.6  | 743.7  | 738.8  | 733.7  | 731.2  | 729.1  | 727.5  |
| 35°   | 704.6  | 698.5  | 694.2  | 691.0  | 686.4  | 682.2  | 680.2  | 680.2  |
| 37.5° | 654.4  | 648.1  | 646.1  | 643.6  | 639.4  | 633.6  | 631.5  | 633.2  |
| 40°   | 603.3  | 598.7  | 596.6  | 594.9  | 590.8  | 588.7  | 586.7  | 586.7  |
| 42.5° | 554.6  | 550.1  | 549.7  | 548.0  | 544.7  | 543.4  | 541.8  | 540.6  |
| 45°   | 504.0  | 501.8  | 500.3  | 500.3  | 499.8  | 499.4  | 498.1  | 497.3  |
| 47.5° | 455.3  | 455.7  | 455.0  | 454.6  | 455.0  | 453.7  | 455.3  | 454.1  |
| 50°   | 410.9  | 410.0  | 410.9  | 410.0  | 410.5  | 412.2  | 410.5  | 411.7  |
| 52.5° | 363.5  | 367.3  | 367.7  | 366.0  | 367.7  | 368.9  | 369.7  | 371.9  |
| 55°   | 321.6  | 322.8  | 323.6  | 325.3  | 326.2  | 328.6  | 326.2  | 326.2  |
| 57.5° | 280.9  | 282.9  | 283.8  | 285.0  | 288.3  | 287.0  | 289.2  | 290.8  |
| 60°   | 243.9  | 246.3  | 248.0  | 249.3  | 250.6  | 253.4  | 254.3  | 253.8  |
| 62.5° | 207.7  | 211.5  | 211.8  | 215.2  | 216.1  | 218.1  | 219.8  | 218.1  |
| 65°   | 174.1  | 177.4  | 179.9  | 182.0  | 184.5  | 186.6  | 186.1  | 187.4  |
| 67.5° | 143.3  | 147.5  | 149.5  | 150.4  | 153.7  | 154.5  | 156.6  | 157.9  |
| 70°   | 115.5  | 118.5  | 120.9  | 122.2  | 124.3  | 126.7  | 128.8  | 130.1  |
| 72.5° | 88.1   | 92.6   | 95.2   | 95.9   | 99.3   | 101.0  | 101.7  | 103.0  |
| 75°   | 65.3   | 69.0   | 70.2   | 72.3   | 73.9   | 77.7   | 77.3   | 78.2   |
| 77.5° | 45.3   | 47.8   | 50.2   | 50.2   | 53.2   | 54.0   | 56.1   | 56.5   |
| 80°   | 27.0   | 29.9   | 31.2   | 31.6   | 33.6   | 34.9   | 35.7   | 36.6   |
| 82.5° | 14.2   | 16.2   | 16.2   | 17.0   | 18.7   | 18.7   | 19.1   | 20.0   |
| 85°   | 5.4    | 6.2    | 6.7    | 6.7    | 7.1    | 7.9    | 7.9    | 8.4    |
| 87.5° | 0.8    | 0.8    | 0.8    | 1.3    | 1.3    | 1.3    | 1.3    | 1.3    |
| 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)