

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: P684905

Luminaire Tested: **LX6C20D010 EX6209040 6LCSWLI**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P684905  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252180)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C20D010 EX6209040 6LCSWLI  
Description: 6 INCH 2000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS  
AND 6LCSW TRIM WITH LI FINISH  
Light Source: -  
Ballast/Driver: -

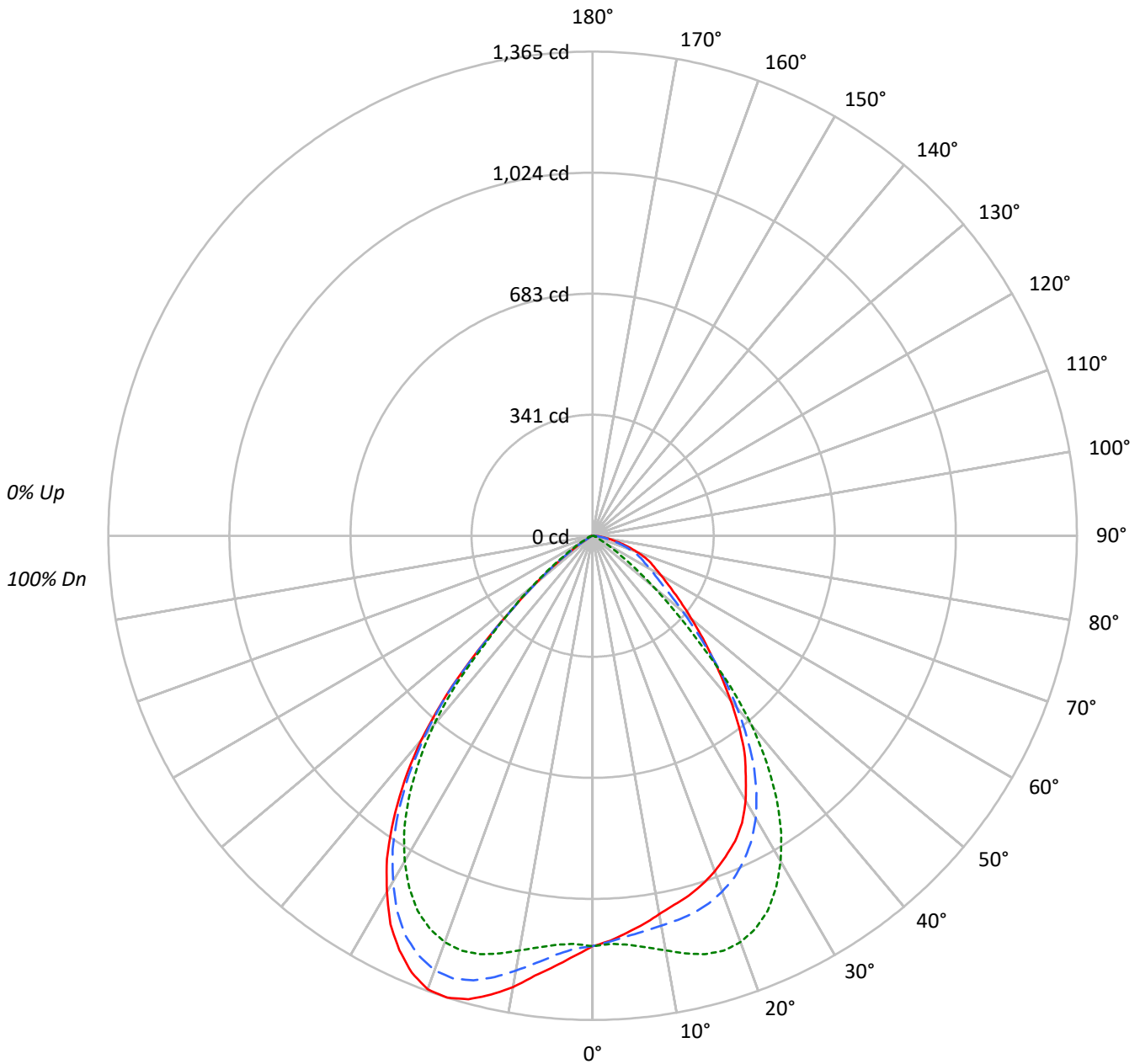
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2115.0 lumens  
Efficiency: N/A  
Efficacy: 97.0 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 (A<sub>in</sub>): 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





TEST NUMBER: P684905

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF  | 20  |     |     |     |     |     |     |     |     | 20  |     |     |     |     |     |     |     |     | 20 |    |   |  |  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |   |
| RC  | 80  |     |     |     |     |     |     |     |     | 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 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 2   | 105 | 98  | 93  | 89  | 102 | 97  | 92  | 88  | 93  | 89  | 86  | 90  | 87  | 84  | 87  | 85  | 82  | 80  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 3   | 98  | 89  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 78  | 75  | 80  | 77  | 74  | 72  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 4   | 91  | 82  | 75  | 69  | 89  | 80  | 74  | 69  | 78  | 72  | 68  | 76  | 71  | 67  | 74  | 70  | 66  | 65  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 5   | 85  | 75  | 67  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 64  | 59  | 55  | 63  | 58  | 54  | 53  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 7   | 74  | 63  | 56  | 51  | 73  | 62  | 55  | 50  | 61  | 55  | 50  | 60  | 54  | 50  | 58  | 53  | 50  | 48  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 8   | 70  | 58  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 55  | 50  | 46  | 54  | 49  | 45  | 44  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 9   | 66  | 54  | 47  | 42  | 64  | 54  | 47  | 42  | 53  | 46  | 42  | 52  | 46  | 42  | 51  | 45  | 42  | 40  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |
| 10  | 62  | 50  | 43  | 39  | 61  | 50  | 43  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 47  | 42  | 38  | 37  |    |    |   |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |   |

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

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 63432 | 63432 | 63432 |
| 5°  | 61787 | 63675 | 67021 |
| 10° | 60281 | 66070 | 71920 |
| 15° | 59580 | 69308 | 76783 |
| 20° | 58723 | 71115 | 79375 |
| 25° | 57475 | 70589 | 77950 |
| 30° | 54616 | 67080 | 73385 |
| 35° | 49971 | 60478 | 65518 |
| 40° | 43224 | 49951 | 53751 |
| 45° | 36446 | 32763 | 35159 |
| 50° | 30941 | 18967 | 17833 |
| 55° | 26857 | 9089  | 6872  |
| 60° | 24252 | 4243  | 1699  |
| 65° | 23530 | 2439  | 571   |
| 70° | 21093 | 1955  | 529   |
| 75° | 17347 | 1419  | 233   |
| 80° | 12912 | 695   | 0     |
| 85° | 11133 | 0     | 0     |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 111.8  | 5.3       |
| 10°-20°   | 340.6  | 16.1      |
| 20°-30°   | 520.4  | 24.6      |
| 30°-40°   | 544.3  | 25.7      |
| 40°-50°   | 353.1  | 16.7      |
| 50°-60°   | 140.2  | 6.6       |
| 60°-70°   | 66.5   | 3.1       |
| 70°-80°   | 31.6   | 1.5       |
| 80°-90°   | 6.4    | 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°    | 972.8  | 46.0      |
| 0°-40°    | 1517.1 | 71.7      |
| 0°-60°    | 2010.4 | 95.1      |
| 0°-90°    | 2115.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2115.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1157 | 1157 | 1157 | 1157 | 1157 |      |
| 5°  | 1123 | 1133 | 1157 | 1186 | 1218 | 106  |
| 15° | 1050 | 1101 | 1221 | 1298 | 1353 | 296  |
| 25° | 950  | 1010 | 1167 | 1246 | 1289 | 435  |
| 35° | 747  | 792  | 904  | 957  | 979  | 462  |
| 45° | 470  | 466  | 423  | 448  | 454  | 366  |
| 55° | 281  | 239  | 95   | 74   | 72   | 255  |
| 65° | 181  | 150  | 19   | 4    | 4    | 177  |
| 75° | 82   | 66   | 7    | 2    | 1    | 88   |
| 85° | 18   | 11   | 0    | 0    | 0    | 21   |
| 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°    | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 |
| 2.5°  | 1142.7 | 1144.9 | 1132.8 | 1129.4 | 1138.3 | 1141.6 | 1142.7 | 1139.4 | 1140.5 | 1144.9 | 1144.9 |
| 5°    | 1122.8 | 1125.0 | 1113.9 | 1110.6 | 1119.4 | 1121.7 | 1125.0 | 1123.9 | 1127.2 | 1133.8 | 1132.8 |
| 7.5°  | 1104.0 | 1107.3 | 1095.1 | 1090.7 | 1101.8 | 1107.3 | 1109.5 | 1109.5 | 1113.9 | 1122.8 | 1123.9 |
| 10°   | 1082.9 | 1087.4 | 1076.3 | 1074.1 | 1086.3 | 1091.8 | 1092.9 | 1095.1 | 1101.8 | 1113.9 | 1116.1 |
| 12.5° | 1065.3 | 1069.7 | 1061.9 | 1058.6 | 1071.9 | 1077.4 | 1079.6 | 1084.1 | 1091.8 | 1107.3 | 1109.5 |
| 15°   | 1049.8 | 1053.1 | 1044.2 | 1042.0 | 1055.3 | 1061.9 | 1063.0 | 1069.7 | 1079.6 | 1097.3 | 1100.7 |
| 17.5° | 1029.9 | 1032.1 | 1025.4 | 1023.2 | 1036.5 | 1043.1 | 1044.2 | 1052.0 | 1064.2 | 1081.9 | 1087.4 |
| 20°   | 1006.6 | 1008.9 | 1002.2 | 1000.0 | 1013.3 | 1021.0 | 1022.1 | 1028.8 | 1043.1 | 1061.9 | 1067.5 |
| 22.5° | 979.0  | 983.4  | 975.7  | 973.4  | 986.7  | 993.3  | 996.7  | 1002.2 | 1016.6 | 1035.4 | 1043.1 |
| 25°   | 950.2  | 950.2  | 944.7  | 943.6  | 955.8  | 963.5  | 962.4  | 970.1  | 984.5  | 1003.3 | 1009.9 |
| 27.5° | 912.6  | 911.5  | 906.0  | 904.9  | 918.1  | 924.8  | 922.5  | 930.3  | 943.6  | 962.4  | 969.0  |
| 30°   | 862.8  | 865.0  | 857.3  | 855.1  | 866.2  | 877.2  | 876.1  | 883.8  | 897.1  | 914.8  | 919.3  |
| 32.5° | 803.1  | 805.3  | 804.2  | 800.9  | 810.8  | 816.4  | 819.7  | 825.2  | 836.3  | 855.1  | 859.5  |
| 35°   | 746.7  | 743.3  | 738.9  | 738.9  | 748.9  | 757.7  | 754.4  | 761.1  | 772.1  | 790.9  | 792.0  |
| 37.5° | 677.0  | 675.9  | 673.7  | 671.5  | 682.5  | 684.7  | 685.8  | 690.3  | 700.2  | 715.7  | 713.5  |
| 40°   | 604.0  | 605.1  | 604.0  | 599.5  | 606.2  | 615.0  | 613.9  | 616.2  | 625.0  | 636.0  | 632.8  |
| 42.5° | 535.4  | 535.4  | 535.4  | 531.0  | 538.7  | 543.2  | 545.4  | 544.2  | 546.4  | 556.4  | 552.0  |
| 45°   | 470.1  | 471.2  | 470.1  | 469.0  | 470.1  | 472.4  | 470.1  | 469.0  | 469.0  | 472.4  | 465.7  |
| 47.5° | 413.7  | 413.7  | 410.4  | 407.1  | 410.4  | 411.5  | 408.2  | 404.9  | 403.7  | 402.7  | 391.6  |
| 50°   | 362.8  | 361.7  | 360.6  | 355.1  | 358.4  | 359.5  | 355.1  | 352.9  | 348.5  | 342.9  | 329.7  |
| 52.5° | 318.6  | 317.5  | 316.4  | 310.8  | 313.1  | 314.2  | 309.7  | 305.3  | 299.8  | 295.4  | 278.8  |
| 55°   | 281.0  | 279.9  | 279.9  | 276.6  | 274.3  | 276.6  | 272.1  | 268.8  | 261.1  | 255.5  | 238.9  |
| 57.5° | 248.9  | 248.9  | 246.7  | 243.3  | 244.5  | 244.5  | 240.1  | 235.6  | 229.0  | 222.4  | 209.1  |
| 60°   | 221.2  | 221.2  | 221.2  | 217.9  | 217.9  | 217.9  | 215.7  | 211.3  | 205.8  | 199.1  | 185.8  |
| 62.5° | 199.1  | 199.1  | 198.0  | 194.7  | 195.8  | 195.8  | 193.6  | 189.2  | 183.6  | 179.2  | 165.9  |
| 65°   | 181.4  | 181.4  | 181.4  | 178.1  | 178.1  | 179.2  | 177.0  | 172.6  | 168.1  | 162.6  | 150.4  |
| 67.5° | 159.3  | 158.2  | 158.2  | 156.0  | 157.1  | 158.2  | 156.0  | 152.7  | 147.1  | 143.8  | 132.8  |
| 70°   | 131.6  | 132.8  | 133.8  | 130.6  | 131.6  | 131.6  | 130.6  | 127.2  | 123.9  | 120.6  | 110.6  |
| 72.5° | 107.3  | 107.3  | 106.2  | 105.1  | 105.1  | 106.2  | 104.0  | 100.7  | 98.5   | 96.2   | 88.5   |
| 75°   | 81.9   | 80.7   | 81.9   | 79.7   | 79.7   | 79.7   | 77.4   | 76.3   | 75.2   | 71.9   | 66.4   |
| 77.5° | 59.7   | 58.6   | 58.6   | 56.4   | 57.5   | 57.5   | 56.4   | 54.2   | 52.0   | 50.9   | 46.4   |
| 80°   | 40.9   | 40.9   | 40.9   | 39.8   | 39.8   | 38.7   | 38.7   | 37.6   | 35.4   | 34.3   | 32.1   |
| 82.5° | 27.6   | 27.6   | 27.6   | 26.6   | 26.6   | 26.6   | 25.4   | 24.3   | 23.2   | 22.1   | 19.9   |
| 85°   | 17.7   | 17.7   | 17.7   | 16.6   | 16.6   | 16.6   | 15.5   | 15.5   | 14.4   | 13.3   | 11.1   |
| 87.5° | 9.9    | 9.9    | 9.9    | 8.9    | 8.9    | 8.9    | 8.9    | 8.9    | 7.7    | 6.7    | 5.5    |
| 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°    | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 |
| 2.5°  | 1152.6 | 1137.2 | 1147.1 | 1147.1 | 1143.8 | 1152.6 | 1158.2 | 1162.6 | 1161.5 | 1151.5 | 1150.4 |
| 5°    | 1143.8 | 1130.5 | 1141.6 | 1142.7 | 1139.4 | 1151.5 | 1159.3 | 1164.8 | 1165.9 | 1157.1 | 1158.2 |
| 7.5°  | 1137.2 | 1126.1 | 1140.5 | 1144.9 | 1143.8 | 1154.9 | 1163.7 | 1172.5 | 1177.0 | 1170.3 | 1171.5 |
| 10°   | 1133.8 | 1125.0 | 1140.5 | 1147.1 | 1148.2 | 1160.4 | 1173.7 | 1185.8 | 1191.4 | 1186.9 | 1190.3 |
| 12.5° | 1129.4 | 1123.9 | 1141.6 | 1151.5 | 1156.0 | 1168.1 | 1184.7 | 1199.1 | 1208.0 | 1205.8 | 1212.4 |
| 15°   | 1125.0 | 1120.6 | 1141.6 | 1156.0 | 1161.5 | 1172.5 | 1191.4 | 1212.4 | 1222.4 | 1221.2 | 1230.1 |
| 17.5° | 1113.9 | 1112.8 | 1135.0 | 1150.4 | 1158.2 | 1171.5 | 1189.1 | 1214.6 | 1224.6 | 1226.8 | 1237.8 |
| 20°   | 1096.2 | 1096.2 | 1120.6 | 1137.2 | 1146.0 | 1158.2 | 1180.3 | 1204.6 | 1216.8 | 1219.0 | 1231.2 |
| 22.5° | 1071.9 | 1074.1 | 1097.3 | 1113.9 | 1127.2 | 1136.0 | 1159.3 | 1184.7 | 1195.8 | 1199.1 | 1212.4 |
| 25°   | 1039.8 | 1042.0 | 1064.2 | 1080.7 | 1095.1 | 1105.1 | 1127.2 | 1150.4 | 1163.7 | 1167.0 | 1177.0 |
| 27.5° | 997.8  | 1002.2 | 1023.2 | 1039.8 | 1052.0 | 1058.6 | 1081.9 | 1106.2 | 1116.1 | 1119.4 | 1129.4 |
| 30°   | 949.1  | 950.2  | 971.2  | 985.6  | 997.8  | 1003.3 | 1023.2 | 1048.7 | 1056.4 | 1059.7 | 1074.1 |
| 32.5° | 889.4  | 888.3  | 908.2  | 921.5  | 931.4  | 938.1  | 959.0  | 975.7  | 983.4  | 988.9  | 996.7  |
| 35°   | 817.5  | 816.4  | 830.7  | 846.2  | 854.0  | 856.2  | 877.2  | 894.9  | 899.3  | 903.7  | 913.7  |
| 37.5° | 736.7  | 736.7  | 748.9  | 756.7  | 765.5  | 768.8  | 778.8  | 798.7  | 806.4  | 805.3  | 813.0  |
| 40°   | 651.5  | 647.1  | 656.0  | 663.7  | 665.9  | 667.0  | 677.0  | 692.5  | 698.0  | 698.0  | 703.5  |
| 42.5° | 561.9  | 555.3  | 556.4  | 560.8  | 563.0  | 555.3  | 561.9  | 571.9  | 568.6  | 573.0  | 574.1  |
| 45°   | 466.8  | 456.8  | 452.4  | 442.5  | 444.7  | 436.9  | 432.5  | 434.7  | 433.6  | 422.6  | 424.8  |
| 47.5° | 389.4  | 371.7  | 363.9  | 349.6  | 346.2  | 337.4  | 331.9  | 321.9  | 313.1  | 313.1  | 307.5  |
| 50°   | 324.1  | 306.4  | 290.9  | 274.3  | 268.8  | 261.1  | 248.9  | 235.6  | 229.0  | 222.4  | 216.8  |
| 52.5° | 272.1  | 253.3  | 234.5  | 216.8  | 209.1  | 199.1  | 182.5  | 169.3  | 157.1  | 150.4  | 143.8  |
| 55°   | 230.1  | 209.1  | 189.2  | 170.3  | 160.4  | 150.4  | 133.8  | 118.4  | 104.0  | 95.1   | 89.6   |
| 57.5° | 198.0  | 178.1  | 157.1  | 137.2  | 128.3  | 117.2  | 99.6   | 82.9   | 69.7   | 59.7   | 54.2   |
| 60°   | 174.8  | 154.9  | 136.1  | 115.0  | 106.2  | 95.1   | 76.3   | 60.8   | 47.6   | 38.7   | 32.1   |
| 62.5° | 154.9  | 137.2  | 117.2  | 98.5   | 89.6   | 78.5   | 60.8   | 45.4   | 33.2   | 24.3   | 18.8   |
| 65°   | 140.5  | 122.8  | 106.2  | 87.4   | 79.7   | 68.6   | 52.0   | 37.6   | 26.6   | 18.8   | 13.3   |
| 67.5° | 123.9  | 108.4  | 91.8   | 76.3   | 68.6   | 59.7   | 44.2   | 32.1   | 22.1   | 15.5   | 11.1   |
| 70°   | 104.0  | 91.8   | 77.4   | 63.1   | 57.5   | 49.8   | 36.5   | 26.6   | 17.7   | 12.2   | 8.9    |
| 72.5° | 82.9   | 73.0   | 61.9   | 50.9   | 46.4   | 38.7   | 29.9   | 21.0   | 13.3   | 8.9    | 6.7    |
| 75°   | 63.1   | 55.3   | 46.4   | 38.7   | 34.3   | 29.9   | 22.1   | 15.5   | 9.9    | 6.7    | 4.4    |
| 77.5° | 43.2   | 39.8   | 33.2   | 26.6   | 24.3   | 21.0   | 14.4   | 9.9    | 6.7    | 4.4    | 2.2    |
| 80°   | 29.9   | 26.6   | 22.1   | 17.7   | 15.5   | 13.3   | 8.9    | 6.7    | 3.3    | 2.2    | 1.1    |
| 82.5° | 18.8   | 15.5   | 13.3   | 11.1   | 9.9    | 7.7    | 5.5    | 3.3    | 2.2    | 1.1    | 1.1    |
| 85°   | 9.9    | 8.9    | 7.7    | 5.5    | 5.5    | 4.4    | 3.3    | 2.2    | 1.1    | 0.0    | 0.0    |
| 87.5° | 5.5    | 4.4    | 3.3    | 2.2    | 2.2    | 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    |



TEST NUMBER: P684905

CATALOG NUMBER: LX6C20D010 EX6209040 6LCSWLI

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 |
| 2.5°  | 1163.7 | 1163.7 | 1162.6 | 1175.9 | 1160.4 | 1175.9 | 1168.1 | 1175.9 | 1164.8 | 1163.7 | 1164.8 |
| 5°    | 1172.5 | 1175.9 | 1177.0 | 1189.1 | 1174.8 | 1193.6 | 1186.9 | 1193.6 | 1185.8 | 1188.0 | 1191.4 |
| 7.5°  | 1190.3 | 1195.8 | 1194.7 | 1210.2 | 1195.8 | 1216.8 | 1212.4 | 1222.4 | 1214.6 | 1216.8 | 1221.2 |
| 10°   | 1210.2 | 1216.8 | 1217.9 | 1233.4 | 1220.1 | 1245.6 | 1240.0 | 1251.1 | 1244.5 | 1247.8 | 1253.3 |
| 12.5° | 1233.4 | 1241.1 | 1242.3 | 1259.9 | 1245.6 | 1272.1 | 1268.8 | 1279.9 | 1274.3 | 1277.6 | 1284.3 |
| 15°   | 1251.1 | 1262.1 | 1264.4 | 1282.1 | 1266.6 | 1294.2 | 1292.0 | 1306.4 | 1297.6 | 1303.1 | 1308.6 |
| 17.5° | 1259.9 | 1269.9 | 1274.3 | 1290.9 | 1277.6 | 1305.3 | 1303.1 | 1315.3 | 1308.6 | 1314.2 | 1320.8 |
| 20°   | 1254.4 | 1266.6 | 1269.9 | 1286.5 | 1273.2 | 1300.9 | 1297.6 | 1309.7 | 1303.1 | 1307.5 | 1314.2 |
| 22.5° | 1234.5 | 1246.7 | 1251.1 | 1266.6 | 1254.4 | 1279.9 | 1278.8 | 1289.8 | 1281.0 | 1286.5 | 1292.0 |
| 25°   | 1199.1 | 1212.4 | 1214.6 | 1229.0 | 1215.7 | 1242.3 | 1240.0 | 1252.2 | 1245.6 | 1248.9 | 1256.6 |
| 27.5° | 1148.2 | 1163.7 | 1167.0 | 1179.2 | 1169.3 | 1191.4 | 1191.4 | 1201.3 | 1193.6 | 1193.6 | 1201.3 |
| 30°   | 1087.4 | 1102.9 | 1105.1 | 1115.0 | 1106.2 | 1126.1 | 1127.2 | 1137.2 | 1125.0 | 1131.6 | 1132.8 |
| 32.5° | 1013.3 | 1023.2 | 1029.9 | 1038.7 | 1025.4 | 1050.9 | 1047.6 | 1055.3 | 1048.7 | 1048.7 | 1054.2 |
| 35°   | 923.7  | 935.8  | 939.2  | 950.2  | 939.2  | 959.0  | 959.0  | 963.5  | 956.8  | 956.8  | 965.7  |
| 37.5° | 826.3  | 835.2  | 836.3  | 847.3  | 838.5  | 855.1  | 854.0  | 857.3  | 850.7  | 855.1  | 855.1  |
| 40°   | 712.4  | 719.0  | 721.2  | 726.8  | 725.7  | 737.8  | 736.7  | 738.9  | 735.6  | 736.7  | 738.9  |
| 42.5° | 579.7  | 588.5  | 592.9  | 597.3  | 590.7  | 607.3  | 604.0  | 607.3  | 606.2  | 607.3  | 610.6  |
| 45°   | 427.0  | 433.6  | 436.9  | 438.1  | 435.8  | 445.8  | 453.5  | 446.9  | 448.0  | 445.8  | 450.2  |
| 47.5° | 308.6  | 309.7  | 307.5  | 314.2  | 308.6  | 313.1  | 315.3  | 316.4  | 309.7  | 308.6  | 313.1  |
| 50°   | 211.3  | 216.8  | 209.1  | 212.4  | 211.3  | 215.7  | 213.5  | 214.6  | 208.0  | 211.3  | 209.1  |
| 52.5° | 140.5  | 139.4  | 137.2  | 138.3  | 136.1  | 136.1  | 136.1  | 138.3  | 133.8  | 131.6  | 129.4  |
| 55°   | 85.2   | 82.9   | 78.5   | 77.4   | 77.4   | 78.5   | 76.3   | 74.1   | 74.1   | 73.0   | 73.0   |
| 57.5° | 49.8   | 46.4   | 44.2   | 43.2   | 40.9   | 39.8   | 38.7   | 38.7   | 36.5   | 36.5   | 36.5   |
| 60°   | 27.6   | 24.3   | 22.1   | 19.9   | 19.9   | 18.8   | 17.7   | 16.6   | 16.6   | 16.6   | 15.5   |
| 62.5° | 14.4   | 12.2   | 9.9    | 8.9    | 8.9    | 7.7    | 6.7    | 6.7    | 6.7    | 6.7    | 5.5    |
| 65°   | 9.9    | 7.7    | 6.7    | 5.5    | 5.5    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    |
| 67.5° | 7.7    | 6.7    | 5.5    | 4.4    | 4.4    | 4.4    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    |
| 70°   | 6.7    | 4.4    | 4.4    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    |
| 72.5° | 4.4    | 4.4    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    |
| 75°   | 3.3    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    | 2.2    |
| 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: P684905

CATALOG NUMBER: LX6C20D010 EX6209040 6LCSWLI

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 | 1157.1 |
| 2.5°  | 1174.8 | 1173.7 | 1174.8 | 1177.0 | 1172.5 | 1185.8 | 1179.2 | 1185.8 |
| 5°    | 1200.2 | 1201.3 | 1202.4 | 1205.8 | 1200.2 | 1216.8 | 1208.0 | 1217.9 |
| 7.5°  | 1233.4 | 1234.5 | 1235.6 | 1238.9 | 1235.6 | 1252.2 | 1242.3 | 1251.1 |
| 10°   | 1267.7 | 1269.9 | 1269.9 | 1275.4 | 1272.1 | 1287.6 | 1281.0 | 1292.0 |
| 12.5° | 1299.8 | 1302.0 | 1304.2 | 1307.5 | 1305.3 | 1321.9 | 1316.4 | 1325.2 |
| 15°   | 1325.2 | 1329.6 | 1330.7 | 1335.1 | 1332.9 | 1350.7 | 1344.0 | 1352.9 |
| 17.5° | 1337.4 | 1341.8 | 1341.8 | 1347.3 | 1345.1 | 1363.9 | 1355.1 | 1365.0 |
| 20°   | 1330.7 | 1334.1 | 1335.1 | 1340.7 | 1338.5 | 1357.3 | 1348.5 | 1360.6 |
| 22.5° | 1309.7 | 1310.8 | 1311.9 | 1317.5 | 1316.4 | 1332.9 | 1325.2 | 1332.9 |
| 25°   | 1271.0 | 1274.3 | 1273.2 | 1277.6 | 1277.6 | 1290.9 | 1282.1 | 1288.7 |
| 27.5° | 1215.7 | 1219.0 | 1219.0 | 1224.6 | 1220.1 | 1233.4 | 1224.6 | 1234.5 |
| 30°   | 1148.2 | 1151.5 | 1149.3 | 1153.7 | 1149.3 | 1162.6 | 1156.0 | 1159.3 |
| 32.5° | 1067.5 | 1067.5 | 1068.6 | 1069.7 | 1067.5 | 1079.6 | 1073.0 | 1079.6 |
| 35°   | 971.2  | 973.4  | 974.6  | 975.7  | 973.4  | 982.3  | 974.6  | 979.0  |
| 37.5° | 862.8  | 868.4  | 867.2  | 868.4  | 865.0  | 876.1  | 869.4  | 871.7  |
| 40°   | 746.7  | 746.7  | 745.6  | 747.8  | 744.5  | 753.3  | 748.9  | 751.1  |
| 42.5° | 611.7  | 615.0  | 610.6  | 616.2  | 607.3  | 619.4  | 615.0  | 611.7  |
| 45°   | 459.1  | 454.6  | 453.5  | 454.6  | 451.3  | 452.4  | 455.8  | 453.5  |
| 47.5° | 313.1  | 313.1  | 310.8  | 307.5  | 311.9  | 313.1  | 308.6  | 308.6  |
| 50°   | 210.2  | 210.2  | 208.0  | 206.8  | 209.1  | 208.0  | 205.8  | 209.1  |
| 52.5° | 133.8  | 129.4  | 129.4  | 131.6  | 129.4  | 127.2  | 130.6  | 128.3  |
| 55°   | 73.0   | 70.8   | 70.8   | 73.0   | 70.8   | 70.8   | 69.7   | 71.9   |
| 57.5° | 35.4   | 36.5   | 35.4   | 35.4   | 35.4   | 35.4   | 34.3   | 35.4   |
| 60°   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   | 15.5   |
| 62.5° | 6.7    | 6.7    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    |
| 65°   | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    |
| 67.5° | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 4.4    | 3.3    | 3.3    |
| 70°   | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    |
| 72.5° | 3.3    | 3.3    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    |
| 75°   | 2.2    | 2.2    | 2.2    | 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    |



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















(END OF REPORT)