

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: P684119

Luminaire Tested: **LX6C20D010 EX6C209040 6LCSWH**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P684119
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252284)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C20D010 EX6C209040 6LCSWH
Description: 6 INCH 2000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 6LCSW TRIM WITH H FINISH
Light Source: -
Ballast/Driver: -

Summary

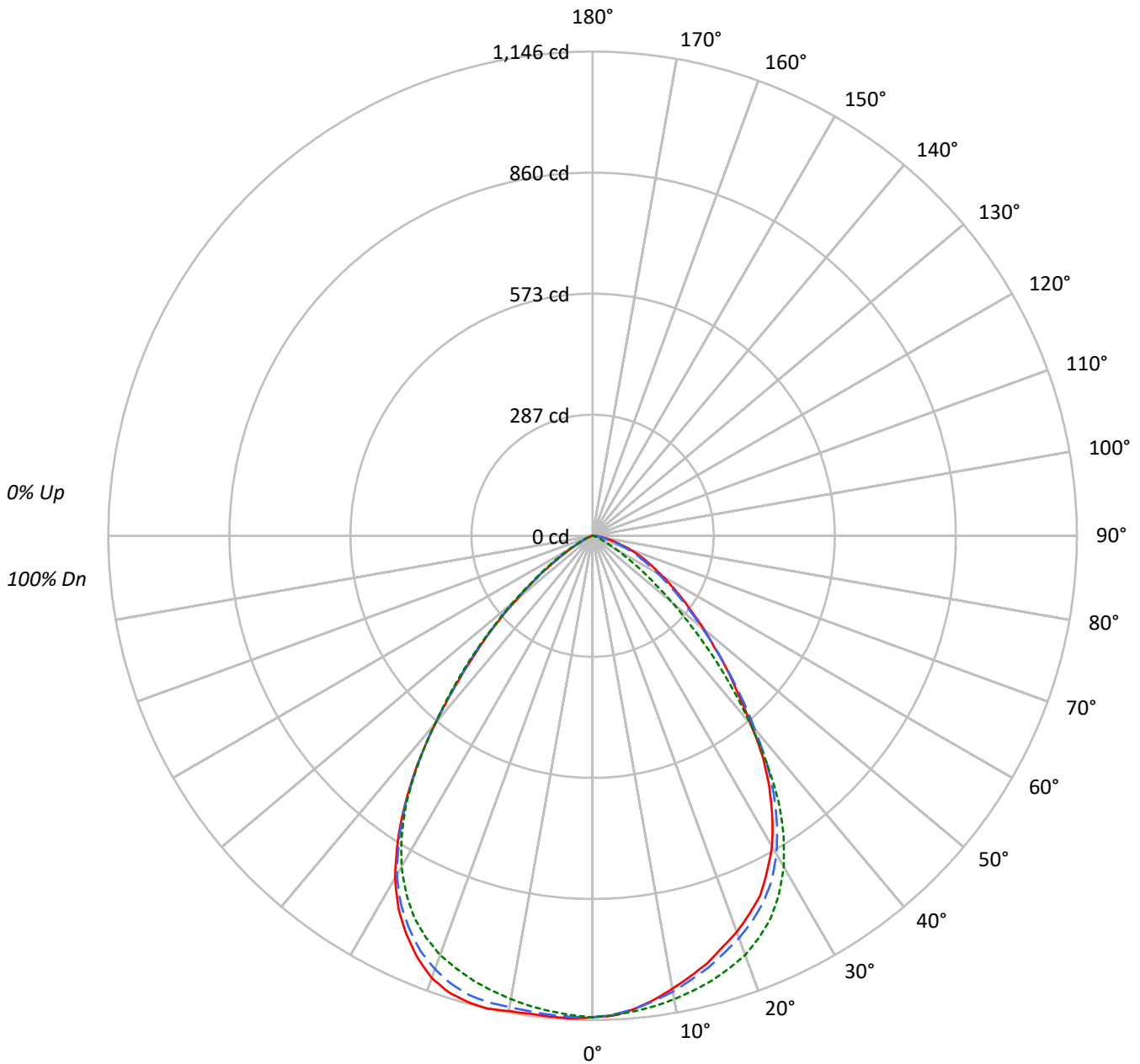
Lumens per Lamp: N/A
Luminaire Lumens: 1912.0 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.18 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 21.8
Input Voltage (V):
Input Current (A_{in}): 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: P684119

CATALOG NUMBER: LX6C20D010 EX6C209040 6LCSWH

Luminous Intensity Polar Plot





TEST NUMBER: P684119

CATALOG NUMBER: LX6C20D010 EX6C209040 6LCSWH

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 | | | | | | | | |
| 1 | 112 | 108 | 105 | 102 | 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° | 62479 | 62479 | 62479 |
| 5° | 61881 | 62183 | 62866 |
| 10° | 60609 | 61984 | 63593 |
| 15° | 59450 | 61868 | 64836 |
| 20° | 58216 | 61588 | 64960 |
| 25° | 56779 | 60360 | 63022 |
| 30° | 53761 | 57243 | 59161 |
| 35° | 48820 | 51310 | 51765 |
| 40° | 41664 | 41463 | 41270 |
| 45° | 34996 | 31050 | 30088 |
| 50° | 29236 | 21014 | 19957 |
| 55° | 24601 | 12893 | 11708 |
| 60° | 20832 | 6798 | 5888 |
| 65° | 18030 | 3567 | 2854 |
| 70° | 15003 | 2212 | 1539 |
| 75° | 11078 | 1461 | 868 |
| 80° | 8682 | 852 | 442 |
| 85° | 6919 | 881 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 107.4 | 5.6 |
| 10°-20° | 307.5 | 16.1 |
| 20°-30° | 454.1 | 23.8 |
| 30°-40° | 468.0 | 24.5 |
| 40°-50° | 323.3 | 16.9 |
| 50°-60° | 159.3 | 8.3 |
| 60°-70° | 64.6 | 3.4 |
| 70°-80° | 23.0 | 1.2 |
| 80°-90° | 4.8 | 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° | 869.1 | 45.5 |
| 0°-40° | 1337.1 | 69.9 |
| 0°-60° | 1819.7 | 95.2 |
| 0°-90° | 1912.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1912.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1140 | 1140 | 1140 | 1140 | 1140 | |
| 5° | 1124 | 1124 | 1130 | 1138 | 1142 | 106 |
| 15° | 1048 | 1058 | 1090 | 1126 | 1142 | 295 |
| 25° | 939 | 957 | 998 | 1027 | 1042 | 429 |
| 35° | 730 | 747 | 767 | 771 | 774 | 452 |
| 45° | 451 | 454 | 400 | 395 | 388 | 349 |
| 55° | 257 | 248 | 135 | 127 | 122 | 233 |
| 65° | 139 | 125 | 28 | 22 | 22 | 138 |
| 75° | 52 | 44 | 7 | 4 | 4 | 59 |
| 85° | 11 | 8 | 1 | 0 | 0 | 13 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P684119

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 |
| 2.5° | 1136.9 | 1132.8 | 1135.5 | 1130.0 | 1136.9 | 1130.0 | 1131.4 | 1132.8 | 1131.4 | 1132.8 | 1134.2 |
| 5° | 1124.5 | 1120.4 | 1124.5 | 1117.6 | 1124.5 | 1120.4 | 1120.4 | 1121.8 | 1121.8 | 1123.1 | 1124.5 |
| 7.5° | 1108.0 | 1103.9 | 1108.0 | 1101.1 | 1109.4 | 1105.3 | 1105.3 | 1108.0 | 1106.6 | 1108.0 | 1110.8 |
| 10° | 1088.8 | 1083.2 | 1087.4 | 1083.2 | 1091.5 | 1086.0 | 1088.8 | 1088.8 | 1088.8 | 1092.8 | 1095.6 |
| 12.5° | 1068.1 | 1062.6 | 1068.1 | 1061.2 | 1069.5 | 1065.4 | 1066.7 | 1070.9 | 1072.2 | 1075.0 | 1076.3 |
| 15° | 1047.5 | 1040.6 | 1043.3 | 1039.2 | 1047.5 | 1043.3 | 1044.7 | 1050.2 | 1050.2 | 1054.3 | 1058.5 |
| 17.5° | 1021.3 | 1015.8 | 1021.3 | 1015.8 | 1022.7 | 1019.9 | 1022.7 | 1026.8 | 1026.8 | 1030.9 | 1035.0 |
| 20° | 997.9 | 992.4 | 996.5 | 992.4 | 1000.7 | 996.5 | 997.9 | 1003.4 | 1004.8 | 1008.9 | 1013.0 |
| 22.5° | 969.0 | 964.8 | 967.6 | 963.5 | 971.7 | 969.0 | 970.4 | 975.9 | 977.3 | 980.0 | 986.9 |
| 25° | 938.7 | 930.4 | 934.6 | 931.8 | 940.1 | 936.0 | 938.7 | 944.2 | 947.0 | 951.1 | 956.6 |
| 27.5° | 894.7 | 890.5 | 893.3 | 893.3 | 900.1 | 896.1 | 897.4 | 902.9 | 907.0 | 911.2 | 918.1 |
| 30° | 849.3 | 842.4 | 845.1 | 846.5 | 852.0 | 849.3 | 852.0 | 857.5 | 858.9 | 864.4 | 869.9 |
| 32.5° | 791.5 | 788.7 | 794.2 | 791.5 | 794.2 | 794.2 | 795.5 | 799.7 | 802.4 | 805.2 | 812.1 |
| 35° | 729.5 | 724.0 | 729.5 | 726.8 | 733.6 | 729.5 | 733.6 | 737.8 | 737.8 | 743.3 | 747.4 |
| 37.5° | 662.1 | 655.2 | 657.9 | 657.9 | 660.7 | 659.3 | 659.3 | 666.2 | 667.5 | 671.7 | 675.8 |
| 40° | 582.2 | 579.4 | 585.0 | 583.6 | 585.0 | 585.0 | 586.3 | 590.5 | 593.2 | 594.6 | 596.0 |
| 42.5° | 510.7 | 512.0 | 513.4 | 513.4 | 513.4 | 513.4 | 513.4 | 518.9 | 517.5 | 521.7 | 523.0 |
| 45° | 451.4 | 446.0 | 448.7 | 447.4 | 451.4 | 447.4 | 451.4 | 455.6 | 452.8 | 457.0 | 454.2 |
| 47.5° | 390.9 | 390.9 | 390.9 | 389.5 | 392.3 | 390.9 | 393.6 | 395.0 | 395.0 | 395.0 | 393.6 |
| 50° | 342.8 | 338.6 | 340.0 | 340.0 | 341.4 | 340.0 | 342.8 | 344.1 | 344.1 | 341.4 | 335.9 |
| 52.5° | 295.9 | 294.6 | 294.6 | 297.3 | 297.3 | 295.9 | 295.9 | 295.9 | 295.9 | 291.8 | 289.0 |
| 55° | 257.4 | 254.7 | 256.0 | 256.0 | 256.0 | 256.0 | 257.4 | 256.0 | 256.0 | 251.9 | 247.8 |
| 57.5° | 223.0 | 220.2 | 220.2 | 220.2 | 221.6 | 220.2 | 220.2 | 220.2 | 218.8 | 214.7 | 209.2 |
| 60° | 190.0 | 188.6 | 190.0 | 190.0 | 191.3 | 190.0 | 190.0 | 190.0 | 187.2 | 183.1 | 177.5 |
| 62.5° | 162.4 | 162.4 | 162.4 | 163.8 | 163.8 | 162.4 | 162.4 | 161.0 | 159.7 | 154.1 | 148.7 |
| 65° | 139.0 | 137.6 | 139.0 | 139.0 | 140.4 | 140.4 | 139.0 | 137.6 | 136.3 | 130.7 | 125.3 |
| 67.5° | 115.6 | 114.2 | 115.6 | 115.6 | 117.0 | 115.6 | 115.6 | 115.6 | 111.5 | 108.7 | 103.2 |
| 70° | 93.6 | 92.2 | 92.2 | 92.2 | 93.6 | 90.8 | 92.2 | 92.2 | 89.5 | 85.4 | 79.8 |
| 72.5° | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 70.2 | 70.2 | 67.4 | 63.3 | 60.6 |
| 75° | 52.3 | 52.3 | 53.7 | 53.7 | 52.3 | 52.3 | 52.3 | 50.9 | 49.5 | 46.8 | 44.0 |
| 77.5° | 38.6 | 38.6 | 38.6 | 38.6 | 37.2 | 37.2 | 37.2 | 35.8 | 34.4 | 33.0 | 30.3 |
| 80° | 27.5 | 27.5 | 27.5 | 26.1 | 27.5 | 26.1 | 26.1 | 26.1 | 23.4 | 22.0 | 20.7 |
| 82.5° | 19.3 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 16.5 | 16.5 | 15.2 | 13.8 |
| 85° | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 9.6 | 8.3 | 8.3 |
| 87.5° | 5.5 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 5.5 | 5.5 | 5.5 | 4.1 |
| 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: P684119

CATALOG NUMBER: LX6C20D010 EX6C209040 6LCSWH

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 |
| 2.5° | 1134.2 | 1134.2 | 1136.9 | 1132.8 | 1139.7 | 1135.5 | 1134.2 | 1141.0 | 1136.9 | 1135.5 | 1138.3 |
| 5° | 1124.5 | 1125.9 | 1127.3 | 1124.5 | 1131.4 | 1127.3 | 1127.3 | 1134.2 | 1131.4 | 1130.0 | 1134.2 |
| 7.5° | 1112.2 | 1113.5 | 1116.2 | 1114.9 | 1120.4 | 1117.6 | 1119.0 | 1125.9 | 1123.1 | 1123.1 | 1127.3 |
| 10° | 1097.0 | 1099.7 | 1102.5 | 1102.5 | 1109.4 | 1106.6 | 1106.6 | 1114.9 | 1112.2 | 1113.5 | 1119.0 |
| 12.5° | 1079.1 | 1083.2 | 1087.4 | 1088.8 | 1095.6 | 1091.5 | 1092.8 | 1102.5 | 1101.1 | 1102.5 | 1108.0 |
| 15° | 1059.8 | 1065.4 | 1069.5 | 1069.5 | 1077.7 | 1073.6 | 1077.7 | 1087.4 | 1084.6 | 1090.1 | 1097.0 |
| 17.5° | 1037.8 | 1043.3 | 1048.8 | 1050.2 | 1058.5 | 1055.7 | 1061.2 | 1070.9 | 1070.9 | 1073.6 | 1081.9 |
| 20° | 1017.2 | 1024.1 | 1026.8 | 1030.9 | 1039.2 | 1037.8 | 1040.6 | 1051.6 | 1051.6 | 1055.7 | 1064.0 |
| 22.5° | 989.6 | 996.5 | 1002.0 | 1006.2 | 1013.0 | 1013.0 | 1017.2 | 1026.8 | 1026.8 | 1029.5 | 1037.8 |
| 25° | 959.4 | 967.6 | 971.7 | 975.9 | 982.8 | 981.4 | 985.5 | 993.8 | 995.1 | 997.9 | 1006.2 |
| 27.5° | 920.8 | 927.7 | 933.2 | 936.0 | 945.6 | 940.1 | 944.2 | 953.9 | 952.5 | 955.2 | 962.1 |
| 30° | 872.7 | 879.5 | 885.0 | 885.0 | 893.3 | 893.3 | 897.4 | 901.5 | 901.5 | 904.3 | 909.8 |
| 32.5° | 816.2 | 824.5 | 824.5 | 828.6 | 834.1 | 828.6 | 834.1 | 839.6 | 836.8 | 841.0 | 845.1 |
| 35° | 751.5 | 755.6 | 757.0 | 757.0 | 761.2 | 759.8 | 758.4 | 762.5 | 759.8 | 766.7 | 770.8 |
| 37.5° | 673.1 | 678.6 | 675.8 | 678.6 | 677.2 | 673.1 | 673.1 | 680.0 | 674.4 | 675.8 | 680.0 |
| 40° | 597.4 | 597.4 | 596.0 | 589.1 | 590.5 | 586.3 | 585.0 | 586.3 | 580.8 | 579.4 | 585.0 |
| 42.5° | 518.9 | 517.5 | 513.4 | 503.8 | 505.1 | 498.2 | 492.7 | 492.7 | 490.0 | 488.6 | 490.0 |
| 45° | 448.7 | 444.6 | 437.7 | 426.7 | 423.9 | 418.4 | 407.4 | 404.7 | 400.5 | 400.5 | 401.9 |
| 47.5° | 384.0 | 378.5 | 367.5 | 355.1 | 348.2 | 341.4 | 330.3 | 326.2 | 319.3 | 316.6 | 319.3 |
| 50° | 330.3 | 320.7 | 306.9 | 289.0 | 282.1 | 273.9 | 262.9 | 256.0 | 249.1 | 246.4 | 245.0 |
| 52.5° | 280.8 | 267.0 | 253.3 | 231.3 | 225.7 | 217.5 | 202.3 | 195.4 | 188.6 | 183.1 | 183.1 |
| 55° | 238.1 | 225.7 | 206.5 | 185.8 | 177.5 | 169.3 | 154.1 | 144.5 | 137.6 | 134.9 | 132.1 |
| 57.5° | 199.6 | 185.8 | 167.9 | 145.9 | 137.6 | 129.4 | 114.2 | 104.6 | 97.7 | 93.6 | 90.8 |
| 60° | 167.9 | 152.8 | 134.9 | 115.6 | 106.0 | 97.7 | 82.6 | 72.9 | 66.0 | 62.0 | 59.2 |
| 62.5° | 137.6 | 125.3 | 107.3 | 89.5 | 81.2 | 72.9 | 60.6 | 50.9 | 44.0 | 41.3 | 37.2 |
| 65° | 115.6 | 103.2 | 86.7 | 71.6 | 64.7 | 56.4 | 45.4 | 37.2 | 31.7 | 27.5 | 24.8 |
| 67.5° | 93.6 | 84.0 | 70.2 | 56.4 | 49.5 | 44.0 | 34.4 | 27.5 | 22.0 | 19.3 | 17.9 |
| 70° | 74.3 | 64.7 | 53.7 | 42.6 | 38.6 | 33.0 | 26.1 | 19.3 | 16.5 | 13.8 | 12.4 |
| 72.5° | 55.1 | 48.2 | 39.9 | 31.7 | 27.5 | 24.8 | 17.9 | 15.2 | 11.0 | 9.6 | 8.3 |
| 75° | 39.9 | 34.4 | 28.9 | 22.0 | 19.3 | 17.9 | 13.8 | 9.6 | 8.3 | 6.9 | 5.5 |
| 77.5° | 27.5 | 24.8 | 19.3 | 15.2 | 13.8 | 12.4 | 9.6 | 6.9 | 5.5 | 4.1 | 4.1 |
| 80° | 17.9 | 15.2 | 12.4 | 9.6 | 9.6 | 8.3 | 5.5 | 4.1 | 4.1 | 2.7 | 2.7 |
| 82.5° | 11.0 | 9.6 | 8.3 | 6.9 | 5.5 | 5.5 | 4.1 | 2.7 | 2.7 | 1.4 | 1.4 |
| 85° | 6.9 | 5.5 | 4.1 | 4.1 | 2.7 | 2.7 | 2.7 | 1.4 | 1.4 | 1.4 | 1.4 |
| 87.5° | 2.7 | 2.7 | 2.7 | 1.4 | 1.4 | 1.4 | 1.4 | 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: P684119

CATALOG NUMBER: LX6C20D010 EX6C209040 6LCSWH

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 |
| 2.5° | 1138.3 | 1138.3 | 1141.0 | 1136.9 | 1139.7 | 1139.7 | 1142.4 | 1136.9 | 1139.7 | 1141.0 | 1143.8 |
| 5° | 1132.8 | 1134.2 | 1136.9 | 1135.5 | 1136.9 | 1136.9 | 1139.7 | 1132.8 | 1138.3 | 1138.3 | 1142.4 |
| 7.5° | 1127.3 | 1127.3 | 1130.0 | 1128.7 | 1131.4 | 1132.8 | 1135.5 | 1130.0 | 1135.5 | 1135.5 | 1139.7 |
| 10° | 1120.4 | 1120.4 | 1124.5 | 1123.1 | 1127.3 | 1128.7 | 1132.8 | 1127.3 | 1132.8 | 1134.2 | 1138.3 |
| 12.5° | 1110.8 | 1112.2 | 1116.2 | 1116.2 | 1120.4 | 1123.1 | 1127.3 | 1124.5 | 1131.4 | 1132.8 | 1138.3 |
| 15° | 1099.7 | 1102.5 | 1108.0 | 1106.6 | 1110.8 | 1114.9 | 1120.4 | 1116.2 | 1125.9 | 1128.7 | 1134.2 |
| 17.5° | 1086.0 | 1088.8 | 1092.8 | 1092.8 | 1097.0 | 1099.7 | 1106.6 | 1103.9 | 1112.2 | 1113.5 | 1120.4 |
| 20° | 1065.4 | 1069.5 | 1075.0 | 1073.6 | 1077.7 | 1080.5 | 1086.0 | 1083.2 | 1091.5 | 1094.2 | 1101.1 |
| 22.5° | 1040.6 | 1043.3 | 1047.5 | 1047.5 | 1051.6 | 1054.3 | 1059.8 | 1055.7 | 1064.0 | 1065.4 | 1070.9 |
| 25° | 1007.5 | 1010.3 | 1013.0 | 1014.4 | 1018.5 | 1019.9 | 1022.7 | 1019.9 | 1026.8 | 1028.2 | 1035.0 |
| 27.5° | 964.8 | 966.2 | 970.4 | 970.4 | 973.1 | 974.5 | 978.6 | 973.1 | 982.8 | 982.8 | 986.9 |
| 30° | 913.9 | 912.6 | 918.1 | 915.3 | 918.1 | 918.1 | 922.2 | 919.5 | 926.3 | 923.6 | 927.7 |
| 32.5° | 846.5 | 849.3 | 849.3 | 846.5 | 852.0 | 850.6 | 850.6 | 847.9 | 852.0 | 853.4 | 856.1 |
| 35° | 768.1 | 772.1 | 772.1 | 773.5 | 774.9 | 770.8 | 772.1 | 763.9 | 770.8 | 772.1 | 773.5 |
| 37.5° | 682.7 | 678.6 | 681.3 | 677.2 | 684.1 | 675.8 | 675.8 | 670.3 | 675.8 | 675.8 | 677.2 |
| 40° | 585.0 | 583.6 | 586.3 | 583.6 | 582.2 | 580.8 | 578.1 | 574.0 | 579.4 | 576.7 | 580.8 |
| 42.5° | 492.7 | 491.4 | 491.4 | 488.6 | 487.3 | 487.3 | 484.5 | 481.7 | 480.4 | 480.4 | 487.3 |
| 45° | 397.8 | 400.5 | 397.8 | 396.4 | 399.2 | 396.4 | 397.8 | 392.3 | 395.0 | 392.3 | 395.0 |
| 47.5° | 318.0 | 319.3 | 316.6 | 313.8 | 318.0 | 313.8 | 313.8 | 309.7 | 315.2 | 315.2 | 312.4 |
| 50° | 246.4 | 245.0 | 242.2 | 245.0 | 243.6 | 243.6 | 243.6 | 239.5 | 242.2 | 238.1 | 240.9 |
| 52.5° | 181.7 | 180.3 | 180.3 | 178.9 | 180.3 | 178.9 | 178.9 | 177.5 | 177.5 | 176.2 | 177.5 |
| 55° | 132.1 | 130.7 | 128.0 | 128.0 | 128.0 | 129.4 | 128.0 | 126.7 | 126.7 | 125.3 | 126.7 |
| 57.5° | 89.5 | 86.7 | 86.7 | 86.7 | 86.7 | 85.4 | 85.4 | 84.0 | 85.4 | 84.0 | 85.4 |
| 60° | 57.8 | 57.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 53.7 | 55.1 | 55.1 | 55.1 |
| 62.5° | 35.8 | 35.8 | 34.4 | 33.0 | 34.4 | 33.0 | 33.0 | 33.0 | 34.4 | 33.0 | 34.4 |
| 65° | 23.4 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 |
| 67.5° | 16.5 | 15.2 | 15.2 | 15.2 | 15.2 | 15.2 | 15.2 | 13.8 | 15.2 | 15.2 | 15.2 |
| 70° | 11.0 | 11.0 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 72.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 75° | 5.5 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 77.5° | 4.1 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 80° | 2.7 | 2.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 82.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 85° | 1.4 | 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 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 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: P684119

CATALOG NUMBER: LX6C20D010 EX6C209040 6LCSWH

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 | 1139.7 |
| 2.5° | 1139.7 | 1141.0 | 1138.3 | 1139.7 | 1136.9 | 1139.7 | 1141.0 | 1143.8 |
| 5° | 1136.9 | 1138.3 | 1135.5 | 1138.3 | 1135.5 | 1138.3 | 1139.7 | 1142.4 |
| 7.5° | 1134.2 | 1136.9 | 1134.2 | 1136.9 | 1134.2 | 1136.9 | 1138.3 | 1141.0 |
| 10° | 1134.2 | 1138.3 | 1135.5 | 1139.7 | 1135.5 | 1138.3 | 1141.0 | 1142.4 |
| 12.5° | 1134.2 | 1138.3 | 1136.9 | 1139.7 | 1138.3 | 1141.0 | 1143.8 | 1146.5 |
| 15° | 1131.4 | 1135.5 | 1132.8 | 1136.9 | 1135.5 | 1136.9 | 1142.4 | 1142.4 |
| 17.5° | 1116.2 | 1120.4 | 1120.4 | 1123.1 | 1123.1 | 1127.3 | 1130.0 | 1132.8 |
| 20° | 1097.0 | 1101.1 | 1099.7 | 1103.9 | 1103.9 | 1108.0 | 1110.8 | 1113.5 |
| 22.5° | 1068.1 | 1073.6 | 1072.2 | 1076.3 | 1075.0 | 1077.7 | 1083.2 | 1081.9 |
| 25° | 1030.9 | 1037.8 | 1036.4 | 1039.2 | 1037.8 | 1037.8 | 1040.6 | 1041.9 |
| 27.5° | 985.5 | 989.6 | 988.2 | 991.0 | 988.2 | 991.0 | 993.8 | 995.1 |
| 30° | 926.3 | 929.1 | 927.7 | 929.1 | 927.7 | 930.4 | 931.8 | 934.6 |
| 32.5° | 854.8 | 858.9 | 854.8 | 857.5 | 856.1 | 856.1 | 861.6 | 858.9 |
| 35° | 769.4 | 770.8 | 772.1 | 772.1 | 769.4 | 770.8 | 773.5 | 773.5 |
| 37.5° | 674.4 | 681.3 | 673.1 | 677.2 | 675.8 | 675.8 | 675.8 | 680.0 |
| 40° | 575.4 | 576.7 | 574.0 | 574.0 | 574.0 | 572.6 | 578.1 | 576.7 |
| 42.5° | 481.7 | 483.1 | 481.7 | 477.6 | 479.0 | 479.0 | 483.1 | 477.6 |
| 45° | 390.9 | 393.6 | 392.3 | 392.3 | 389.5 | 389.5 | 390.9 | 388.1 |
| 47.5° | 309.7 | 312.4 | 308.3 | 309.7 | 306.9 | 309.7 | 308.3 | 311.1 |
| 50° | 235.4 | 238.1 | 236.7 | 238.1 | 238.1 | 235.4 | 239.5 | 234.0 |
| 52.5° | 176.2 | 177.5 | 176.2 | 174.8 | 173.4 | 173.4 | 176.2 | 174.8 |
| 55° | 125.3 | 123.9 | 123.9 | 123.9 | 125.3 | 125.3 | 123.9 | 122.5 |
| 57.5° | 84.0 | 84.0 | 82.6 | 82.6 | 84.0 | 81.2 | 82.6 | 81.2 |
| 60° | 53.7 | 53.7 | 53.7 | 53.7 | 52.3 | 53.7 | 53.7 | 53.7 |
| 62.5° | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 |
| 65° | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 |
| 67.5° | 13.8 | 15.2 | 15.2 | 15.2 | 13.8 | 13.8 | 13.8 | 13.8 |
| 70° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 72.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 75° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 77.5° | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 80° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 82.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 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)