

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: P844145

Luminaire Tested: **LD6C20DE010B35 EU6C20B35 6LBSWLI**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844145
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: LD6C20DE010B35 EU6C20B35 6LBSWLI
Description:
Light Source: -
Ballast/Driver:

Summary

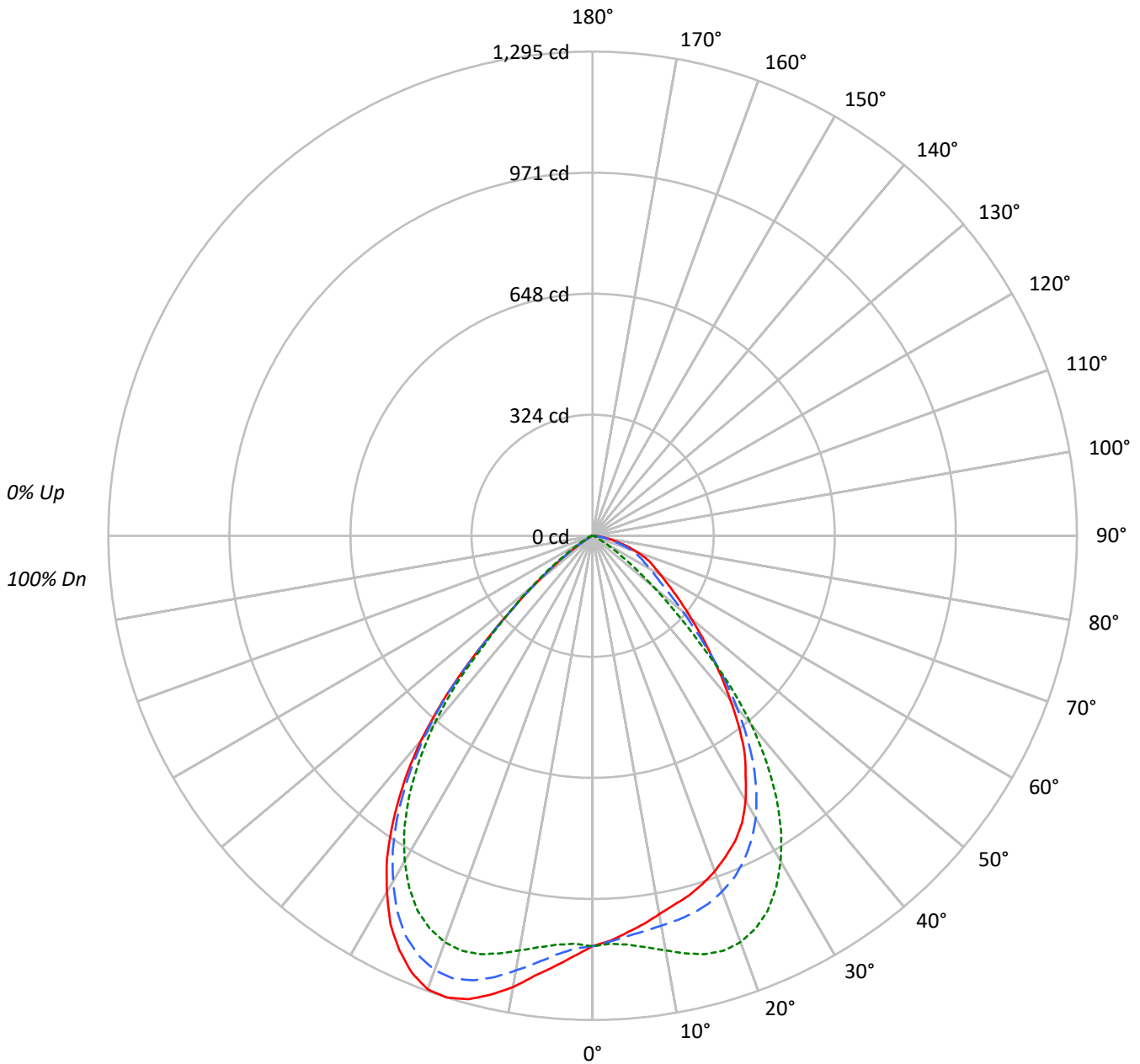
Lumens per Lamp: N/A
Luminaire Lumens: 2006.3 lumens
Efficiency: N/A
Efficacy: 92.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

Luminous Intensity Polar Plot





TEST NUMBER: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

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 | 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° | 60171 | 60171 | 60171 |
| 5° | 58606 | 60400 | 63581 |
| 10° | 57186 | 62680 | 68230 |
| 15° | 56521 | 65750 | 72832 |
| 20° | 55707 | 67463 | 75297 |
| 25° | 54523 | 66960 | 73946 |
| 30° | 51812 | 63636 | 69612 |
| 35° | 47402 | 57373 | 62151 |
| 40° | 40998 | 47382 | 50988 |
| 45° | 34577 | 31073 | 33352 |
| 50° | 29355 | 17987 | 16912 |
| 55° | 25471 | 8621 | 6518 |
| 60° | 23003 | 4024 | 1612 |
| 65° | 22324 | 2322 | 545 |
| 70° | 20019 | 1843 | 513 |
| 75° | 16436 | 1334 | 233 |
| 80° | 12249 | 663 | 0 |
| 85° | 10567 | 0 | 0 |



TEST NUMBER: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 106.0 | 5.3 |
| 10°-20° | 323.1 | 16.1 |
| 20°-30° | 493.7 | 24.6 |
| 30°-40° | 516.3 | 25.7 |
| 40°-50° | 335.0 | 16.7 |
| 50°-60° | 133.0 | 6.6 |
| 60°-70° | 63.1 | 3.1 |
| 70°-80° | 30.0 | 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° | 922.8 | 46.0 |
| 0°-40° | 1439.2 | 71.7 |
| 0°-60° | 1907.1 | 95.1 |
| 0°-90° | 2006.3 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2006.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1098 | 1098 | 1098 | 1098 | 1098 | |
| 5° | 1065 | 1075 | 1098 | 1125 | 1155 | 101 |
| 15° | 996 | 1044 | 1158 | 1231 | 1283 | 281 |
| 25° | 901 | 958 | 1107 | 1182 | 1222 | 413 |
| 35° | 708 | 751 | 857 | 908 | 929 | 438 |
| 45° | 446 | 442 | 401 | 425 | 430 | 347 |
| 55° | 266 | 227 | 90 | 70 | 68 | 242 |
| 65° | 172 | 143 | 18 | 4 | 4 | 168 |
| 75° | 78 | 63 | 6 | 2 | 1 | 84 |
| 85° | 17 | 10 | 0 | 0 | 0 | 20 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 |
| 2.5° | 1084.0 | 1086.1 | 1074.6 | 1071.4 | 1079.8 | 1082.9 | 1084.0 | 1080.8 | 1081.9 | 1086.1 | 1086.1 |
| 5° | 1065.0 | 1067.2 | 1056.7 | 1053.5 | 1062.0 | 1064.1 | 1067.2 | 1066.2 | 1069.3 | 1075.6 | 1074.6 |
| 7.5° | 1047.3 | 1050.4 | 1038.8 | 1034.7 | 1045.2 | 1050.4 | 1052.6 | 1052.6 | 1056.7 | 1065.0 | 1066.2 |
| 10° | 1027.3 | 1031.5 | 1021.0 | 1018.9 | 1030.5 | 1035.7 | 1036.8 | 1038.8 | 1045.2 | 1056.7 | 1058.8 |
| 12.5° | 1010.6 | 1014.7 | 1007.4 | 1004.2 | 1016.8 | 1022.1 | 1024.1 | 1028.3 | 1035.7 | 1050.4 | 1052.6 |
| 15° | 995.9 | 998.9 | 990.6 | 988.5 | 1001.1 | 1007.4 | 1008.5 | 1014.7 | 1024.1 | 1040.9 | 1044.1 |
| 17.5° | 976.9 | 979.1 | 972.7 | 970.7 | 983.3 | 989.5 | 990.6 | 997.9 | 1009.5 | 1026.3 | 1031.5 |
| 20° | 954.9 | 957.1 | 950.7 | 948.6 | 961.2 | 968.6 | 969.6 | 975.9 | 989.5 | 1007.4 | 1012.6 |
| 22.5° | 928.7 | 932.8 | 925.5 | 923.4 | 936.0 | 942.4 | 945.4 | 950.7 | 964.4 | 982.2 | 989.5 |
| 25° | 901.4 | 901.4 | 896.1 | 895.1 | 906.6 | 914.0 | 912.9 | 920.2 | 933.9 | 951.8 | 958.0 |
| 27.5° | 865.7 | 864.6 | 859.4 | 858.4 | 871.0 | 877.3 | 875.2 | 882.5 | 895.1 | 912.9 | 919.2 |
| 30° | 818.5 | 820.6 | 813.2 | 811.1 | 821.7 | 832.1 | 831.1 | 838.4 | 851.0 | 867.8 | 872.0 |
| 32.5° | 761.8 | 763.9 | 762.9 | 759.7 | 769.2 | 774.4 | 777.6 | 782.9 | 793.3 | 811.1 | 815.3 |
| 35° | 708.3 | 705.1 | 701.0 | 701.0 | 710.4 | 718.8 | 715.6 | 721.9 | 732.4 | 750.3 | 751.3 |
| 37.5° | 642.2 | 641.1 | 639.0 | 637.0 | 647.5 | 649.5 | 650.7 | 654.8 | 664.3 | 678.9 | 676.9 |
| 40° | 572.9 | 574.0 | 572.9 | 568.7 | 575.0 | 583.4 | 582.3 | 584.6 | 592.9 | 603.4 | 600.2 |
| 42.5° | 507.9 | 507.9 | 507.9 | 503.6 | 511.0 | 515.3 | 517.3 | 516.2 | 518.3 | 527.9 | 523.6 |
| 45° | 446.0 | 447.1 | 446.0 | 444.9 | 446.0 | 448.1 | 446.0 | 444.9 | 444.9 | 448.1 | 441.8 |
| 47.5° | 392.5 | 392.5 | 389.3 | 386.1 | 389.3 | 390.4 | 387.2 | 384.0 | 383.0 | 382.0 | 371.4 |
| 50° | 344.2 | 343.1 | 342.1 | 336.9 | 339.9 | 341.1 | 336.9 | 334.7 | 330.5 | 325.3 | 312.7 |
| 52.5° | 302.3 | 301.2 | 300.1 | 294.9 | 297.0 | 298.0 | 293.8 | 289.6 | 284.4 | 280.2 | 264.4 |
| 55° | 266.5 | 265.5 | 265.5 | 262.4 | 260.2 | 262.4 | 258.2 | 255.0 | 247.7 | 242.4 | 226.7 |
| 57.5° | 236.1 | 236.1 | 233.9 | 230.9 | 231.9 | 231.9 | 227.7 | 223.5 | 217.2 | 210.9 | 198.3 |
| 60° | 209.8 | 209.8 | 209.8 | 206.7 | 206.7 | 206.7 | 204.7 | 200.4 | 195.2 | 188.9 | 176.3 |
| 62.5° | 188.9 | 188.9 | 187.8 | 184.7 | 185.7 | 185.7 | 183.6 | 179.5 | 174.2 | 170.0 | 157.4 |
| 65° | 172.1 | 172.1 | 172.1 | 169.0 | 169.0 | 170.0 | 167.8 | 163.7 | 159.5 | 154.2 | 142.7 |
| 67.5° | 151.1 | 150.1 | 150.1 | 148.0 | 149.0 | 150.1 | 148.0 | 144.8 | 139.6 | 136.4 | 126.0 |
| 70° | 124.9 | 126.0 | 126.9 | 123.8 | 124.9 | 124.9 | 123.8 | 120.7 | 117.5 | 114.3 | 104.9 |
| 72.5° | 101.7 | 101.7 | 100.7 | 99.7 | 99.7 | 100.7 | 98.7 | 95.5 | 93.4 | 91.3 | 84.0 |
| 75° | 77.6 | 76.6 | 77.6 | 75.5 | 75.5 | 75.5 | 73.4 | 72.4 | 71.4 | 68.2 | 62.9 |
| 77.5° | 56.7 | 55.6 | 55.6 | 53.5 | 54.6 | 54.6 | 53.5 | 51.4 | 49.3 | 48.2 | 44.1 |
| 80° | 38.8 | 38.8 | 38.8 | 37.8 | 37.8 | 36.7 | 36.7 | 35.6 | 33.5 | 32.6 | 30.5 |
| 82.5° | 26.2 | 26.2 | 26.2 | 25.2 | 25.2 | 25.2 | 24.1 | 23.1 | 22.0 | 20.9 | 18.9 |
| 85° | 16.8 | 16.8 | 16.8 | 15.8 | 15.8 | 15.8 | 14.7 | 14.7 | 13.6 | 12.6 | 10.5 |
| 87.5° | 9.4 | 9.4 | 9.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 7.3 | 6.3 | 5.3 |
| 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: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 |
| 2.5° | 1093.4 | 1078.7 | 1088.2 | 1088.2 | 1085.0 | 1093.4 | 1098.7 | 1102.9 | 1101.8 | 1092.4 | 1091.3 |
| 5° | 1085.0 | 1072.4 | 1082.9 | 1084.0 | 1080.8 | 1092.4 | 1099.7 | 1104.9 | 1106.1 | 1097.6 | 1098.7 |
| 7.5° | 1078.7 | 1068.2 | 1081.9 | 1086.1 | 1085.0 | 1095.5 | 1104.0 | 1112.3 | 1116.5 | 1110.2 | 1111.3 |
| 10° | 1075.6 | 1067.2 | 1081.9 | 1088.2 | 1089.3 | 1100.8 | 1113.4 | 1124.9 | 1130.2 | 1126.0 | 1129.1 |
| 12.5° | 1071.4 | 1066.2 | 1082.9 | 1092.4 | 1096.6 | 1108.1 | 1123.8 | 1137.5 | 1145.9 | 1143.8 | 1150.1 |
| 15° | 1067.2 | 1063.0 | 1082.9 | 1096.6 | 1101.8 | 1112.3 | 1130.2 | 1150.1 | 1159.6 | 1158.5 | 1166.9 |
| 17.5° | 1056.7 | 1055.6 | 1076.7 | 1091.3 | 1098.7 | 1111.3 | 1128.1 | 1152.2 | 1161.6 | 1163.7 | 1174.2 |
| 20° | 1040.0 | 1040.0 | 1063.0 | 1078.7 | 1087.1 | 1098.7 | 1119.7 | 1142.8 | 1154.3 | 1156.4 | 1167.9 |
| 22.5° | 1016.8 | 1018.9 | 1040.9 | 1056.7 | 1069.3 | 1077.6 | 1099.7 | 1123.8 | 1134.3 | 1137.5 | 1150.1 |
| 25° | 986.5 | 988.5 | 1009.5 | 1025.2 | 1038.8 | 1048.3 | 1069.3 | 1091.3 | 1104.0 | 1107.0 | 1116.5 |
| 27.5° | 946.5 | 950.7 | 970.7 | 986.5 | 997.9 | 1004.2 | 1026.3 | 1049.4 | 1058.8 | 1062.0 | 1071.4 |
| 30° | 900.4 | 901.4 | 921.3 | 934.9 | 946.5 | 951.8 | 970.7 | 994.8 | 1002.1 | 1005.3 | 1018.9 |
| 32.5° | 843.7 | 842.6 | 861.5 | 874.1 | 883.5 | 889.9 | 909.8 | 925.5 | 932.8 | 938.1 | 945.4 |
| 35° | 775.5 | 774.4 | 788.0 | 802.7 | 810.1 | 812.2 | 832.1 | 849.0 | 853.1 | 857.3 | 866.7 |
| 37.5° | 698.9 | 698.9 | 710.4 | 717.8 | 726.2 | 729.2 | 738.8 | 757.7 | 765.0 | 763.9 | 771.2 |
| 40° | 618.1 | 613.9 | 622.2 | 629.6 | 631.7 | 632.8 | 642.2 | 656.9 | 662.1 | 662.1 | 667.4 |
| 42.5° | 533.0 | 526.8 | 527.9 | 532.0 | 534.1 | 526.8 | 533.0 | 542.5 | 539.4 | 543.5 | 544.7 |
| 45° | 442.8 | 433.4 | 429.2 | 419.8 | 421.9 | 414.5 | 410.3 | 412.4 | 411.3 | 400.8 | 403.0 |
| 47.5° | 369.3 | 352.6 | 345.2 | 331.6 | 328.5 | 320.0 | 314.9 | 305.3 | 297.0 | 297.0 | 291.7 |
| 50° | 307.5 | 290.6 | 275.9 | 260.2 | 255.0 | 247.7 | 236.1 | 223.5 | 217.2 | 210.9 | 205.7 |
| 52.5° | 258.2 | 240.3 | 222.4 | 205.7 | 198.3 | 188.9 | 173.1 | 160.5 | 149.0 | 142.7 | 136.4 |
| 55° | 218.3 | 198.3 | 179.5 | 161.6 | 152.2 | 142.7 | 126.9 | 112.3 | 98.7 | 90.2 | 85.0 |
| 57.5° | 187.8 | 169.0 | 149.0 | 130.1 | 121.7 | 111.3 | 94.4 | 78.7 | 66.1 | 56.7 | 51.4 |
| 60° | 165.8 | 146.9 | 129.1 | 109.1 | 100.7 | 90.2 | 72.4 | 57.7 | 45.2 | 36.7 | 30.5 |
| 62.5° | 146.9 | 130.1 | 111.3 | 93.4 | 85.0 | 74.5 | 57.7 | 43.0 | 31.5 | 23.1 | 17.9 |
| 65° | 133.3 | 116.4 | 100.7 | 82.9 | 75.5 | 65.0 | 49.3 | 35.6 | 25.2 | 17.9 | 12.6 |
| 67.5° | 117.5 | 102.8 | 87.0 | 72.4 | 65.0 | 56.7 | 42.0 | 30.5 | 20.9 | 14.7 | 10.5 |
| 70° | 98.7 | 87.0 | 73.4 | 59.9 | 54.6 | 47.2 | 34.6 | 25.2 | 16.8 | 11.5 | 8.4 |
| 72.5° | 78.7 | 69.3 | 58.8 | 48.2 | 44.1 | 36.7 | 28.3 | 20.0 | 12.6 | 8.4 | 6.3 |
| 75° | 59.9 | 52.5 | 44.1 | 36.7 | 32.6 | 28.3 | 20.9 | 14.7 | 9.4 | 6.3 | 4.2 |
| 77.5° | 40.9 | 37.8 | 31.5 | 25.2 | 23.1 | 20.0 | 13.6 | 9.4 | 6.3 | 4.2 | 2.1 |
| 80° | 28.3 | 25.2 | 20.9 | 16.8 | 14.7 | 12.6 | 8.4 | 6.3 | 3.2 | 2.1 | 1.1 |
| 82.5° | 17.9 | 14.7 | 12.6 | 10.5 | 9.4 | 7.3 | 5.3 | 3.2 | 2.1 | 1.1 | 1.1 |
| 85° | 9.4 | 8.4 | 7.3 | 5.3 | 5.3 | 4.2 | 3.2 | 2.1 | 1.1 | 0.0 | 0.0 |
| 87.5° | 5.3 | 4.2 | 3.2 | 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 |



TEST NUMBER: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 |
| 2.5° | 1104.0 | 1104.0 | 1102.9 | 1115.5 | 1100.8 | 1115.5 | 1108.1 | 1115.5 | 1104.9 | 1104.0 | 1104.9 |
| 5° | 1112.3 | 1115.5 | 1116.5 | 1128.1 | 1114.4 | 1132.3 | 1126.0 | 1132.3 | 1124.9 | 1127.0 | 1130.2 |
| 7.5° | 1129.1 | 1134.3 | 1133.4 | 1148.0 | 1134.3 | 1154.3 | 1150.1 | 1159.6 | 1152.2 | 1154.3 | 1158.5 |
| 10° | 1148.0 | 1154.3 | 1155.4 | 1170.1 | 1157.4 | 1181.6 | 1176.3 | 1186.8 | 1180.5 | 1183.7 | 1188.9 |
| 12.5° | 1170.1 | 1177.4 | 1178.4 | 1195.2 | 1181.6 | 1206.8 | 1203.6 | 1214.1 | 1208.9 | 1212.0 | 1218.3 |
| 15° | 1186.8 | 1197.2 | 1199.5 | 1216.2 | 1201.5 | 1227.7 | 1225.7 | 1239.3 | 1230.9 | 1236.2 | 1241.3 |
| 17.5° | 1195.2 | 1204.6 | 1208.9 | 1224.6 | 1212.0 | 1238.3 | 1236.2 | 1247.7 | 1241.3 | 1246.6 | 1253.0 |
| 20° | 1189.9 | 1201.5 | 1204.6 | 1220.4 | 1207.8 | 1234.0 | 1230.9 | 1242.4 | 1236.2 | 1240.3 | 1246.6 |
| 22.5° | 1171.0 | 1182.6 | 1186.8 | 1201.5 | 1189.9 | 1214.1 | 1213.1 | 1223.6 | 1215.1 | 1220.4 | 1225.7 |
| 25° | 1137.5 | 1150.1 | 1152.2 | 1165.8 | 1153.2 | 1178.4 | 1176.3 | 1187.8 | 1181.6 | 1184.8 | 1192.1 |
| 27.5° | 1089.3 | 1104.0 | 1107.0 | 1118.7 | 1109.1 | 1130.2 | 1130.2 | 1139.6 | 1132.3 | 1132.3 | 1139.6 |
| 30° | 1031.5 | 1046.2 | 1048.3 | 1057.7 | 1049.4 | 1068.2 | 1069.3 | 1078.7 | 1067.2 | 1073.5 | 1074.6 |
| 32.5° | 961.2 | 970.7 | 976.9 | 985.3 | 972.7 | 996.9 | 993.8 | 1001.1 | 994.8 | 994.8 | 1000.1 |
| 35° | 876.2 | 887.8 | 891.0 | 901.4 | 891.0 | 909.8 | 909.8 | 914.0 | 907.7 | 907.7 | 916.1 |
| 37.5° | 783.9 | 792.3 | 793.3 | 803.8 | 795.3 | 811.1 | 810.1 | 813.2 | 807.0 | 811.1 | 811.1 |
| 40° | 675.7 | 682.1 | 684.2 | 689.4 | 688.4 | 699.9 | 698.9 | 701.0 | 697.8 | 698.9 | 701.0 |
| 42.5° | 549.9 | 558.2 | 562.4 | 566.7 | 560.3 | 576.1 | 572.9 | 576.1 | 575.0 | 576.1 | 579.3 |
| 45° | 405.1 | 411.3 | 414.5 | 415.5 | 413.4 | 422.8 | 430.2 | 423.9 | 425.0 | 422.8 | 427.1 |
| 47.5° | 292.8 | 293.8 | 291.7 | 298.0 | 292.8 | 297.0 | 299.1 | 300.1 | 293.8 | 292.8 | 297.0 |
| 50° | 200.4 | 205.7 | 198.3 | 201.5 | 200.4 | 204.7 | 202.5 | 203.6 | 197.2 | 200.4 | 198.3 |
| 52.5° | 133.3 | 132.2 | 130.1 | 131.1 | 129.1 | 129.1 | 129.1 | 131.1 | 126.9 | 124.9 | 122.8 |
| 55° | 80.8 | 78.7 | 74.5 | 73.4 | 73.4 | 74.5 | 72.4 | 70.3 | 70.3 | 69.3 | 69.3 |
| 57.5° | 47.2 | 44.1 | 42.0 | 40.9 | 38.8 | 37.8 | 36.7 | 36.7 | 34.6 | 34.6 | 34.6 |
| 60° | 26.2 | 23.1 | 20.9 | 18.9 | 18.9 | 17.9 | 16.8 | 15.8 | 15.8 | 15.8 | 14.7 |
| 62.5° | 13.6 | 11.5 | 9.4 | 8.4 | 8.4 | 7.3 | 6.3 | 6.3 | 6.3 | 6.3 | 5.3 |
| 65° | 9.4 | 7.3 | 6.3 | 5.3 | 5.3 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 67.5° | 7.3 | 6.3 | 5.3 | 4.2 | 4.2 | 4.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 70° | 6.3 | 4.2 | 4.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 72.5° | 4.2 | 4.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 75° | 3.2 | 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: P844145

CATALOG NUMBER: LD6C20DE010B35 EU6C20B35 6LBSWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 | 1097.6 |
| 2.5° | 1114.4 | 1113.4 | 1114.4 | 1116.5 | 1112.3 | 1124.9 | 1118.7 | 1124.9 |
| 5° | 1138.5 | 1139.6 | 1140.7 | 1143.8 | 1138.5 | 1154.3 | 1145.9 | 1155.4 |
| 7.5° | 1170.1 | 1171.0 | 1172.2 | 1175.2 | 1172.2 | 1187.8 | 1178.4 | 1186.8 |
| 10° | 1202.5 | 1204.6 | 1204.6 | 1209.9 | 1206.8 | 1221.5 | 1215.1 | 1225.7 |
| 12.5° | 1233.0 | 1235.1 | 1237.2 | 1240.3 | 1238.3 | 1253.9 | 1248.7 | 1257.1 |
| 15° | 1257.1 | 1261.3 | 1262.4 | 1266.5 | 1264.5 | 1281.2 | 1275.0 | 1283.3 |
| 17.5° | 1268.6 | 1272.9 | 1272.9 | 1278.2 | 1276.0 | 1293.8 | 1285.4 | 1294.9 |
| 20° | 1262.4 | 1265.6 | 1266.5 | 1271.8 | 1269.7 | 1287.6 | 1279.2 | 1290.7 |
| 22.5° | 1242.4 | 1243.5 | 1244.5 | 1249.8 | 1248.7 | 1264.5 | 1257.1 | 1264.5 |
| 25° | 1205.7 | 1208.9 | 1207.8 | 1212.0 | 1212.0 | 1224.6 | 1216.2 | 1222.5 |
| 27.5° | 1153.2 | 1156.4 | 1156.4 | 1161.6 | 1157.4 | 1170.1 | 1161.6 | 1171.0 |
| 30° | 1089.3 | 1092.4 | 1090.3 | 1094.4 | 1090.3 | 1102.9 | 1096.6 | 1099.7 |
| 32.5° | 1012.6 | 1012.6 | 1013.6 | 1014.7 | 1012.6 | 1024.1 | 1017.9 | 1024.1 |
| 35° | 921.3 | 923.4 | 924.5 | 925.5 | 923.4 | 931.8 | 924.5 | 928.7 |
| 37.5° | 818.5 | 823.8 | 822.7 | 823.8 | 820.6 | 831.1 | 824.7 | 826.9 |
| 40° | 708.3 | 708.3 | 707.2 | 709.4 | 706.2 | 714.6 | 710.4 | 712.5 |
| 42.5° | 580.3 | 583.4 | 579.3 | 584.6 | 576.1 | 587.6 | 583.4 | 580.3 |
| 45° | 435.5 | 431.3 | 430.2 | 431.3 | 428.1 | 429.2 | 432.4 | 430.2 |
| 47.5° | 297.0 | 297.0 | 294.9 | 291.7 | 295.9 | 297.0 | 292.8 | 292.8 |
| 50° | 199.4 | 199.4 | 197.2 | 196.2 | 198.3 | 197.2 | 195.2 | 198.3 |
| 52.5° | 126.9 | 122.8 | 122.8 | 124.9 | 122.8 | 120.7 | 123.8 | 121.7 |
| 55° | 69.3 | 67.2 | 67.2 | 69.3 | 67.2 | 67.2 | 66.1 | 68.2 |
| 57.5° | 33.5 | 34.6 | 33.5 | 33.5 | 33.5 | 33.5 | 32.6 | 33.5 |
| 60° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| 62.5° | 6.3 | 6.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| 65° | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 67.5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 4.2 | 3.2 | 3.2 |
| 70° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 72.5° | 3.2 | 3.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 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)