

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: P857816

Luminaire Tested: **LX4C35D010 EX4C359827 4LBLWW\***

Issue Date: 2/9/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P857816  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/9/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C35D010 EX4C359827 4LBLWW\*  
Description:  
Light Source: -  
Ballast/Driver: -

**Summary**

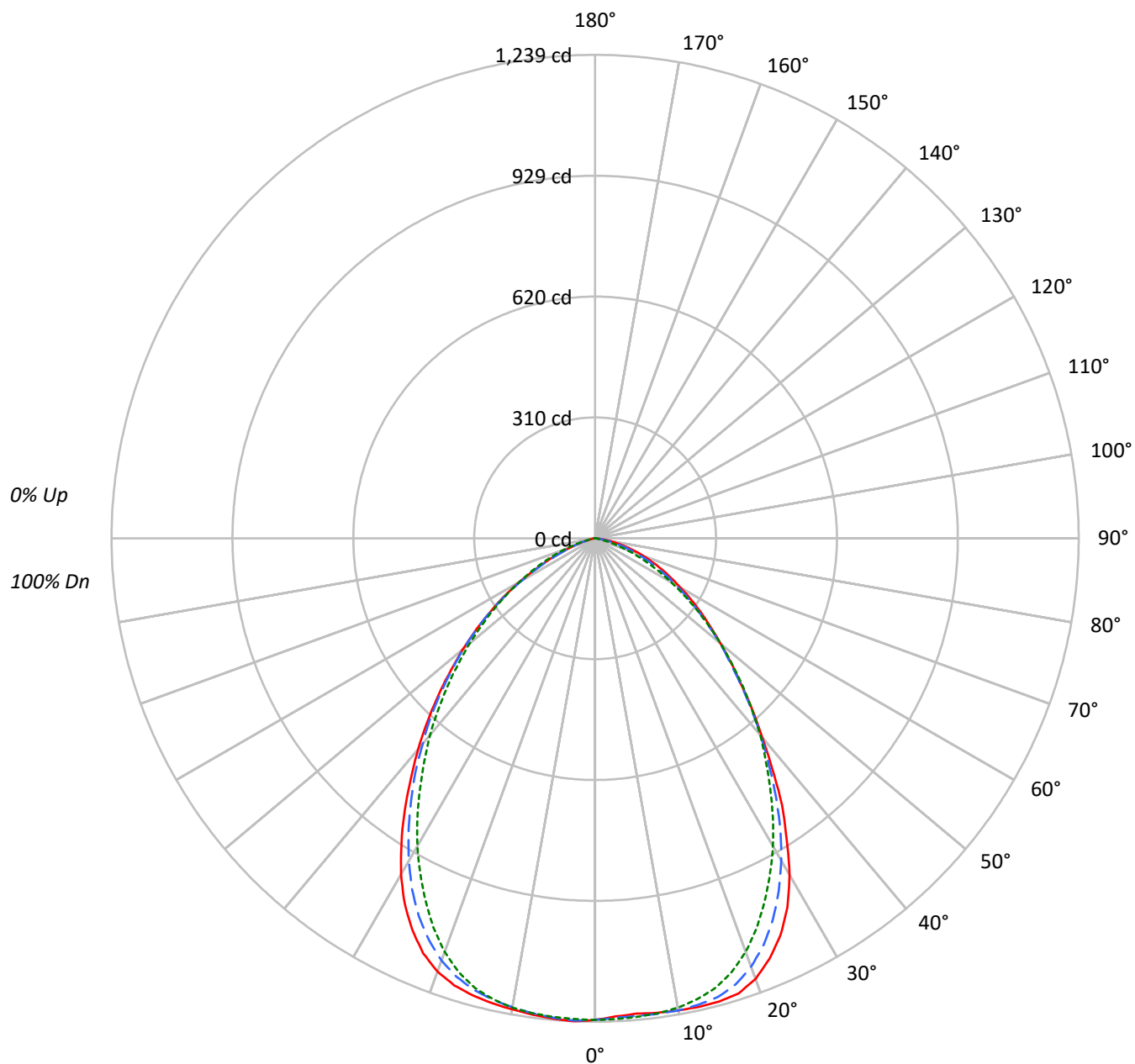
Lumens per Lamp: N/A  
Luminaire Lumens: 2366.7 lumens  
Efficiency: N/A  
Efficacy: 58.6 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.12 / 1.18  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct

Input Watts (W): 40.4  
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: P857816

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBLWW\*

### 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 |
| 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 | 109 | 105 | 102 | 99  | 101 | 99  | 96  | 97  | 95  | 93  | 94  | 92  | 91  | 89  |    |    |
| 2   | 103 | 96  | 91  | 86  | 101 | 95  | 89  | 85  | 91  | 87  | 83  | 88  | 84  | 81  | 85  | 82  | 80  | 78  |    |    |
| 3   | 95  | 87  | 80  | 74  | 93  | 85  | 79  | 74  | 82  | 77  | 72  | 80  | 75  | 71  | 77  | 73  | 70  | 68  |    |    |
| 4   | 88  | 78  | 71  | 65  | 86  | 77  | 70  | 65  | 75  | 69  | 64  | 72  | 67  | 63  | 70  | 66  | 62  | 60  |    |    |
| 5   | 82  | 71  | 63  | 57  | 80  | 70  | 63  | 57  | 68  | 61  | 57  | 66  | 60  | 56  | 64  | 59  | 55  | 54  |    |    |
| 6   | 76  | 65  | 57  | 51  | 75  | 64  | 56  | 51  | 62  | 56  | 51  | 61  | 55  | 50  | 59  | 54  | 50  | 48  |    |    |
| 7   | 71  | 59  | 51  | 46  | 70  | 59  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 45  | 54  | 49  | 45  | 43  |    |    |
| 8   | 67  | 55  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 46  | 41  | 52  | 46  | 41  | 50  | 45  | 41  | 39  |    |    |
| 9   | 63  | 51  | 43  | 38  | 61  | 50  | 43  | 38  | 49  | 42  | 38  | 48  | 42  | 38  | 47  | 41  | 37  | 36  |    |    |
| 10  | 59  | 47  | 40  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 35  | 45  | 39  | 35  | 44  | 38  | 34  | 33  |    |    |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 151650 | 151650 | 151650 |
| 5°  | 150799 | 151835 | 152415 |
| 10° | 153304 | 152381 | 152954 |
| 15° | 156300 | 151696 | 154240 |
| 20° | 157082 | 147459 | 154480 |
| 25° | 152254 | 139254 | 150180 |
| 30° | 141320 | 129219 | 141050 |
| 35° | 125140 | 117207 | 127510 |
| 40° | 106681 | 105574 | 113080 |
| 45° | 91666  | 92691  | 98511  |
| 50° | 80005  | 80197  | 84440  |
| 55° | 70682  | 67705  | 69997  |
| 60° | 61967  | 55235  | 55014  |
| 65° | 54854  | 42849  | 38139  |
| 70° | 46804  | 29454  | 22630  |
| 75° | 37831  | 15854  | 10348  |
| 80° | 25965  | 3891   | 2618   |
| 85° | 7753   | 1269   | 1269   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 117.3  | 5.0       |
| 10°-20°   | 339.6  | 14.4      |
| 20°-30°   | 490.7  | 20.7      |
| 30°-40°   | 507.3  | 21.4      |
| 40°-50°   | 419.2  | 17.7      |
| 50°-60°   | 289.3  | 12.2      |
| 60°-70°   | 151.4  | 6.4       |
| 70°-80°   | 47.7   | 2.0       |
| 80°-90°   | 4.0    | 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°    | 947.7  | 40.0      |
| 0°-40°    | 1455.0 | 61.5      |
| 0°-60°    | 2163.5 | 91.4      |
| 0°-90°    | 2366.7 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2366.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1234 | 1234 | 1234 | 1234 | 1234 |      |
| 5°  | 1223 | 1229 | 1231 | 1234 | 1236 | 117  |
| 15° | 1229 | 1217 | 1193 | 1198 | 1213 | 347  |
| 25° | 1123 | 1078 | 1027 | 1068 | 1108 | 513  |
| 35° | 834  | 807  | 782  | 822  | 850  | 518  |
| 45° | 528  | 525  | 534  | 558  | 567  | 411  |
| 55° | 330  | 320  | 316  | 325  | 327  | 297  |
| 65° | 189  | 171  | 147  | 122  | 131  | 187  |
| 75° | 80   | 63   | 33   | 23   | 22   | 85   |
| 85° | 6    | 3    | 1    | 1    | 1    | 12   |
| 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°    | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 |
| 2.5°  | 1226.6 | 1227.0 | 1227.0 | 1227.9 | 1227.9 | 1227.9 | 1228.5 | 1228.5 | 1228.9 | 1229.4 | 1229.8 |
| 5°    | 1222.8 | 1222.8 | 1223.8 | 1224.3 | 1225.2 | 1225.6 | 1226.6 | 1227.0 | 1227.9 | 1228.5 | 1228.9 |
| 7.5°  | 1226.6 | 1226.6 | 1227.0 | 1227.5 | 1227.5 | 1227.9 | 1227.9 | 1228.5 | 1228.9 | 1229.4 | 1229.4 |
| 10°   | 1228.9 | 1228.9 | 1228.9 | 1228.9 | 1229.4 | 1229.4 | 1229.4 | 1228.9 | 1228.9 | 1228.9 | 1228.5 |
| 12.5° | 1229.8 | 1229.8 | 1229.4 | 1228.9 | 1229.4 | 1228.9 | 1228.9 | 1227.5 | 1226.6 | 1225.6 | 1224.3 |
| 15°   | 1228.9 | 1228.9 | 1228.5 | 1227.9 | 1227.5 | 1226.6 | 1226.1 | 1223.8 | 1222.0 | 1219.2 | 1217.3 |
| 17.5° | 1222.8 | 1222.0 | 1221.0 | 1220.1 | 1218.2 | 1216.9 | 1215.9 | 1211.8 | 1208.5 | 1203.9 | 1198.8 |
| 20°   | 1201.5 | 1200.6 | 1199.2 | 1196.9 | 1194.6 | 1192.7 | 1189.9 | 1184.0 | 1180.7 | 1173.7 | 1168.6 |
| 22.5° | 1166.8 | 1165.9 | 1166.3 | 1162.1 | 1157.5 | 1154.7 | 1152.8 | 1147.8 | 1142.2 | 1133.4 | 1127.9 |
| 25°   | 1123.2 | 1120.4 | 1120.4 | 1114.0 | 1111.6 | 1109.8 | 1107.5 | 1101.4 | 1093.1 | 1085.2 | 1077.8 |
| 27.5° | 1066.6 | 1063.0 | 1061.1 | 1060.2 | 1054.6 | 1050.4 | 1047.2 | 1042.5 | 1035.6 | 1028.6 | 1018.5 |
| 30°   | 996.2  | 995.7  | 993.4  | 989.2  | 985.1  | 983.2  | 979.5  | 971.6  | 965.1  | 960.0  | 953.5  |
| 32.5° | 913.2  | 912.8  | 912.8  | 912.8  | 909.9  | 909.5  | 904.0  | 899.8  | 894.7  | 886.7  | 882.6  |
| 35°   | 834.4  | 834.0  | 834.4  | 827.4  | 825.6  | 824.2  | 823.7  | 820.9  | 814.0  | 810.3  | 806.6  |
| 37.5° | 745.4  | 746.8  | 745.9  | 744.0  | 746.3  | 742.2  | 745.4  | 739.3  | 736.6  | 735.7  | 731.5  |
| 40°   | 665.2  | 668.9  | 665.2  | 665.7  | 668.0  | 663.8  | 663.8  | 662.9  | 661.0  | 660.1  | 659.2  |
| 42.5° | 596.6  | 591.9  | 594.7  | 592.4  | 594.7  | 593.4  | 591.0  | 592.4  | 592.9  | 591.0  | 590.6  |
| 45°   | 527.6  | 528.4  | 529.4  | 528.0  | 528.0  | 526.6  | 530.3  | 528.0  | 528.0  | 528.4  | 525.2  |
| 47.5° | 471.5  | 470.0  | 471.0  | 470.0  | 470.5  | 469.6  | 470.5  | 471.0  | 470.0  | 470.0  | 467.3  |
| 50°   | 418.6  | 417.7  | 420.9  | 418.1  | 418.1  | 417.7  | 418.1  | 417.2  | 415.8  | 415.8  | 416.7  |
| 52.5° | 372.7  | 370.9  | 370.3  | 372.7  | 369.4  | 369.4  | 369.9  | 369.0  | 367.1  | 366.2  | 363.9  |
| 55°   | 330.0  | 329.6  | 330.0  | 328.2  | 327.3  | 327.3  | 325.0  | 324.1  | 323.5  | 321.2  | 319.9  |
| 57.5° | 290.2  | 288.8  | 289.3  | 288.8  | 287.0  | 286.5  | 284.6  | 284.6  | 282.8  | 280.9  | 278.6  |
| 60°   | 252.2  | 252.2  | 253.6  | 251.7  | 250.3  | 249.4  | 248.4  | 247.5  | 244.3  | 241.0  | 238.3  |
| 62.5° | 218.3  | 218.8  | 218.3  | 217.0  | 216.0  | 215.1  | 214.2  | 211.3  | 208.6  | 206.7  | 203.5  |
| 65°   | 188.7  | 188.2  | 186.8  | 185.9  | 183.6  | 183.6  | 181.7  | 180.3  | 177.1  | 174.3  | 171.0  |
| 67.5° | 158.1  | 157.1  | 157.1  | 157.1  | 154.4  | 153.9  | 152.9  | 150.2  | 147.4  | 143.7  | 140.9  |
| 70°   | 130.3  | 131.2  | 129.8  | 128.4  | 127.0  | 126.5  | 125.2  | 122.3  | 119.1  | 115.4  | 113.1  |
| 72.5° | 103.8  | 104.8  | 103.4  | 102.9  | 100.1  | 99.2   | 98.7   | 96.4   | 92.7   | 90.4   | 86.7   |
| 75°   | 79.7   | 80.2   | 79.3   | 78.4   | 76.5   | 76.1   | 73.7   | 71.9   | 69.6   | 65.8   | 62.6   |
| 77.5° | 57.5   | 56.5   | 56.5   | 54.7   | 52.9   | 52.9   | 52.3   | 49.6   | 46.4   | 43.6   | 40.8   |
| 80°   | 36.7   | 36.1   | 34.8   | 33.8   | 32.5   | 32.0   | 31.5   | 29.2   | 26.9   | 25.1   | 23.2   |
| 82.5° | 18.5   | 18.1   | 17.7   | 17.1   | 16.2   | 15.3   | 15.8   | 13.9   | 13.0   | 11.1   | 9.7    |
| 85°   | 5.5    | 6.1    | 6.1    | 5.5    | 5.1    | 5.1    | 5.1    | 4.6    | 3.7    | 3.2    | 2.8    |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 |
| 2.5°  | 1230.2 | 1230.8 | 1231.2 | 1231.7 | 1231.7 | 1232.1 | 1232.6 | 1233.1 | 1233.5 | 1233.5 | 1234.0 |
| 5°    | 1229.4 | 1230.2 | 1230.2 | 1230.8 | 1230.8 | 1230.8 | 1231.2 | 1231.2 | 1231.2 | 1231.2 | 1231.7 |
| 7.5°  | 1229.8 | 1229.8 | 1229.8 | 1229.4 | 1229.4 | 1228.9 | 1228.9 | 1228.9 | 1227.9 | 1227.9 | 1227.9 |
| 10°   | 1227.5 | 1227.0 | 1226.6 | 1225.6 | 1225.2 | 1224.7 | 1223.8 | 1222.8 | 1222.0 | 1221.5 | 1220.5 |
| 12.5° | 1222.8 | 1221.0 | 1219.2 | 1217.3 | 1216.3 | 1215.9 | 1214.0 | 1212.7 | 1211.3 | 1209.9 | 1208.9 |
| 15°   | 1213.6 | 1210.8 | 1207.6 | 1203.9 | 1203.0 | 1202.0 | 1198.8 | 1196.0 | 1194.1 | 1192.7 | 1190.4 |
| 17.5° | 1195.0 | 1189.5 | 1185.7 | 1180.2 | 1177.9 | 1177.0 | 1171.8 | 1169.1 | 1165.9 | 1164.9 | 1163.1 |
| 20°   | 1162.1 | 1157.0 | 1150.1 | 1145.0 | 1142.2 | 1139.5 | 1135.3 | 1131.5 | 1127.9 | 1127.9 | 1125.6 |
| 22.5° | 1120.9 | 1114.4 | 1105.6 | 1099.1 | 1098.6 | 1093.1 | 1089.4 | 1085.2 | 1083.8 | 1081.1 | 1081.1 |
| 25°   | 1068.9 | 1063.4 | 1053.7 | 1048.1 | 1045.3 | 1044.0 | 1037.9 | 1032.4 | 1029.6 | 1027.3 | 1029.1 |
| 27.5° | 1011.5 | 1003.1 | 995.7  | 988.8  | 986.4  | 983.7  | 978.2  | 975.8  | 970.7  | 970.2  | 969.8  |
| 30°   | 945.7  | 937.3  | 929.9  | 926.7  | 922.1  | 919.7  | 915.6  | 912.8  | 910.9  | 910.9  | 909.9  |
| 32.5° | 876.6  | 869.2  | 865.4  | 858.5  | 856.2  | 853.0  | 850.2  | 847.4  | 848.3  | 847.4  | 847.9  |
| 35°   | 801.9  | 800.1  | 793.1  | 789.0  | 789.0  | 788.5  | 783.8  | 782.1  | 781.1  | 781.5  | 783.8  |
| 37.5° | 731.0  | 725.4  | 720.8  | 718.0  | 720.3  | 717.6  | 717.1  | 717.1  | 719.9  | 718.0  | 721.8  |
| 40°   | 655.4  | 655.0  | 653.1  | 654.1  | 654.5  | 651.3  | 652.2  | 652.7  | 654.5  | 658.3  | 658.7  |
| 42.5° | 589.6  | 589.2  | 589.2  | 589.2  | 588.3  | 586.4  | 588.3  | 591.5  | 591.0  | 593.8  | 596.1  |
| 45°   | 526.1  | 525.2  | 527.1  | 525.7  | 528.4  | 529.4  | 528.0  | 528.9  | 531.7  | 533.5  | 537.3  |
| 47.5° | 468.2  | 468.2  | 468.7  | 469.6  | 466.8  | 469.1  | 470.0  | 471.9  | 473.3  | 474.2  | 476.1  |
| 50°   | 414.4  | 414.4  | 413.5  | 413.5  | 413.5  | 414.9  | 413.1  | 415.4  | 415.8  | 419.6  | 421.9  |
| 52.5° | 364.8  | 362.5  | 363.9  | 362.9  | 361.2  | 360.2  | 361.2  | 361.6  | 364.4  | 365.3  | 368.0  |
| 55°   | 317.5  | 317.5  | 313.8  | 312.9  | 314.2  | 313.8  | 313.4  | 313.4  | 314.8  | 316.1  | 318.4  |
| 57.5° | 275.8  | 273.1  | 270.3  | 269.8  | 268.4  | 268.9  | 268.9  | 268.4  | 267.4  | 268.0  | 268.4  |
| 60°   | 236.4  | 234.5  | 230.4  | 230.4  | 229.9  | 229.4  | 227.1  | 226.7  | 224.4  | 224.8  | 222.9  |
| 62.5° | 200.3  | 199.3  | 193.8  | 191.9  | 191.9  | 190.6  | 188.2  | 187.7  | 184.5  | 184.5  | 182.6  |
| 65°   | 167.8  | 165.1  | 161.8  | 158.6  | 158.6  | 156.7  | 155.3  | 151.2  | 148.8  | 147.4  | 144.6  |
| 67.5° | 138.1  | 133.9  | 130.7  | 128.0  | 126.1  | 125.6  | 122.3  | 119.6  | 115.9  | 113.6  | 109.4  |
| 70°   | 109.4  | 106.1  | 102.9  | 100.1  | 98.3   | 96.4   | 93.2   | 89.0   | 86.2   | 82.0   | 79.3   |
| 72.5° | 82.5   | 79.7   | 77.0   | 73.2   | 70.9   | 69.6   | 66.3   | 62.6   | 58.0   | 55.2   | 51.5   |
| 75°   | 59.3   | 56.1   | 52.3   | 49.1   | 47.7   | 46.4   | 42.6   | 39.9   | 36.7   | 33.4   | 29.7   |
| 77.5° | 38.4   | 34.8   | 32.0   | 28.3   | 27.8   | 26.9   | 23.2   | 20.4   | 18.1   | 16.2   | 13.9   |
| 80°   | 20.4   | 18.5   | 16.2   | 13.9   | 13.0   | 11.6   | 9.7    | 8.4    | 7.0    | 5.5    | 4.6    |
| 82.5° | 8.8    | 7.4    | 6.1    | 5.1    | 4.6    | 4.2    | 3.2    | 2.8    | 2.3    | 2.3    | 1.9    |
| 85°   | 2.3    | 1.9    | 1.9    | 1.4    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    | 0.4    | 0.4    | 0.0    | 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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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 |
| 2.5°  | 1234.4 | 1234.9 | 1235.4 | 1235.4 | 1235.9 | 1236.3 | 1236.3 | 1236.8 | 1237.2 | 1237.7 | 1237.7 |
| 5°    | 1232.1 | 1232.1 | 1232.1 | 1232.6 | 1232.6 | 1232.6 | 1232.6 | 1233.5 | 1233.5 | 1234.0 | 1234.4 |
| 7.5°  | 1227.5 | 1227.5 | 1227.5 | 1227.5 | 1227.0 | 1227.5 | 1227.0 | 1227.0 | 1227.9 | 1228.5 | 1228.9 |
| 10°   | 1220.1 | 1219.6 | 1219.6 | 1219.2 | 1219.2 | 1219.2 | 1219.6 | 1220.1 | 1220.5 | 1221.0 | 1222.4 |
| 12.5° | 1208.5 | 1208.0 | 1208.0 | 1207.6 | 1207.6 | 1208.0 | 1208.5 | 1209.5 | 1211.3 | 1212.2 | 1214.0 |
| 15°   | 1189.9 | 1189.5 | 1189.9 | 1190.4 | 1191.4 | 1192.7 | 1194.1 | 1195.6 | 1198.3 | 1200.6 | 1203.0 |
| 17.5° | 1163.1 | 1163.5 | 1164.0 | 1164.9 | 1166.3 | 1168.2 | 1171.8 | 1175.6 | 1178.8 | 1182.5 | 1186.3 |
| 20°   | 1126.0 | 1127.9 | 1128.3 | 1131.5 | 1132.5 | 1136.6 | 1140.8 | 1146.4 | 1151.5 | 1156.1 | 1161.2 |
| 22.5° | 1081.5 | 1082.8 | 1084.7 | 1088.5 | 1090.8 | 1096.3 | 1101.4 | 1107.9 | 1113.4 | 1119.5 | 1126.9 |
| 25°   | 1030.9 | 1031.4 | 1037.0 | 1037.0 | 1042.5 | 1047.2 | 1053.2 | 1060.2 | 1068.5 | 1076.4 | 1081.5 |
| 27.5° | 973.5  | 975.8  | 979.9  | 981.8  | 986.0  | 993.4  | 998.5  | 1006.9 | 1015.2 | 1022.1 | 1027.7 |
| 30°   | 913.2  | 915.1  | 922.1  | 923.0  | 926.2  | 932.7  | 939.6  | 947.5  | 954.0  | 961.9  | 967.0  |
| 32.5° | 849.7  | 854.8  | 859.0  | 862.2  | 863.1  | 872.9  | 876.6  | 882.1  | 889.6  | 897.4  | 902.5  |
| 35°   | 788.0  | 790.4  | 796.4  | 798.3  | 801.1  | 806.6  | 814.0  | 818.6  | 822.4  | 827.4  | 833.5  |
| 37.5° | 722.7  | 729.6  | 731.0  | 736.6  | 737.6  | 742.6  | 746.3  | 751.9  | 756.6  | 761.2  | 762.1  |
| 40°   | 661.9  | 664.3  | 669.3  | 670.8  | 671.7  | 678.6  | 683.3  | 684.7  | 687.0  | 691.2  | 696.7  |
| 42.5° | 600.3  | 602.6  | 608.2  | 606.8  | 610.9  | 614.2  | 616.6  | 622.1  | 624.4  | 625.8  | 625.8  |
| 45°   | 539.6  | 540.5  | 544.2  | 546.1  | 548.4  | 550.2  | 554.4  | 557.2  | 558.1  | 562.3  | 563.7  |
| 47.5° | 481.6  | 482.5  | 485.4  | 488.6  | 487.7  | 490.0  | 494.6  | 496.0  | 496.4  | 499.3  | 500.6  |
| 50°   | 424.6  | 427.0  | 430.6  | 429.7  | 432.5  | 433.9  | 438.0  | 439.0  | 439.0  | 439.5  | 439.9  |
| 52.5° | 371.3  | 373.2  | 374.1  | 375.0  | 376.4  | 378.7  | 380.6  | 379.6  | 381.5  | 383.4  | 381.9  |
| 55°   | 318.4  | 319.9  | 322.2  | 323.1  | 323.1  | 323.5  | 322.6  | 326.8  | 325.0  | 324.5  | 325.0  |
| 57.5° | 270.3  | 268.4  | 268.0  | 270.3  | 271.2  | 270.7  | 269.3  | 271.2  | 271.2  | 270.3  | 268.9  |
| 60°   | 223.5  | 222.0  | 221.6  | 222.0  | 220.2  | 218.8  | 219.7  | 218.8  | 216.5  | 215.5  | 216.0  |
| 62.5° | 180.8  | 179.4  | 175.7  | 175.7  | 174.8  | 174.3  | 170.6  | 171.0  | 169.2  | 166.4  | 167.4  |
| 65°   | 141.3  | 137.7  | 135.8  | 135.4  | 132.2  | 129.3  | 128.4  | 125.2  | 122.3  | 121.9  | 122.3  |
| 67.5° | 106.1  | 102.0  | 98.7   | 97.4   | 95.5   | 93.2   | 89.9   | 87.1   | 88.1   | 87.6   | 89.4   |
| 70°   | 73.7   | 70.9   | 67.7   | 65.4   | 66.3   | 63.5   | 61.6   | 61.6   | 62.2   | 62.6   | 63.5   |
| 72.5° | 49.1   | 45.4   | 44.1   | 42.6   | 41.7   | 39.9   | 40.8   | 40.8   | 40.3   | 40.8   | 39.9   |
| 75°   | 27.8   | 25.9   | 24.6   | 24.1   | 23.2   | 23.2   | 23.2   | 23.2   | 22.7   | 22.3   | 22.3   |
| 77.5° | 12.5   | 11.6   | 11.1   | 10.7   | 10.7   | 10.7   | 10.2   | 9.7    | 9.7    | 9.7    | 9.3    |
| 80°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 82.5° | 1.9    | 1.9    | 2.3    | 2.3    | 2.3    | 1.9    | 2.3    | 2.3    | 1.9    | 1.9    | 2.3    |
| 85°   | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    |
| 87.5° | 0.4    | 0.4    | 0.4    | 0.0    | 0.4    | 0.4    | 0.4    | 0.4    | 0.0    | 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    |



TEST NUMBER: P857816

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBLWW\*

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 | 1234.4 |
| 2.5°  | 1238.2 | 1238.6 | 1238.6 | 1238.6 | 1239.1 | 1239.1 | 1239.1 | 1239.1 |
| 5°    | 1234.9 | 1235.4 | 1235.4 | 1235.4 | 1235.9 | 1235.9 | 1235.9 | 1235.9 |
| 7.5°  | 1229.4 | 1229.8 | 1229.8 | 1230.2 | 1230.2 | 1230.8 | 1230.8 | 1231.2 |
| 10°   | 1222.8 | 1223.8 | 1224.3 | 1224.7 | 1225.2 | 1225.6 | 1225.6 | 1226.1 |
| 12.5° | 1215.9 | 1216.9 | 1217.3 | 1218.2 | 1219.2 | 1219.6 | 1220.1 | 1220.5 |
| 15°   | 1205.7 | 1207.6 | 1208.5 | 1208.9 | 1210.8 | 1211.8 | 1212.2 | 1212.7 |
| 17.5° | 1189.5 | 1193.2 | 1194.6 | 1195.6 | 1197.3 | 1199.2 | 1200.6 | 1201.1 |
| 20°   | 1166.3 | 1170.5 | 1172.4 | 1174.7 | 1177.5 | 1179.8 | 1180.7 | 1181.6 |
| 22.5° | 1133.8 | 1138.5 | 1141.3 | 1144.1 | 1146.4 | 1148.7 | 1152.4 | 1151.1 |
| 25°   | 1087.5 | 1095.4 | 1098.6 | 1100.1 | 1105.1 | 1107.9 | 1109.8 | 1107.9 |
| 27.5° | 1035.6 | 1040.2 | 1043.0 | 1046.3 | 1049.9 | 1052.7 | 1053.7 | 1056.4 |
| 30°   | 973.0  | 980.9  | 980.5  | 983.7  | 988.3  | 991.1  | 992.0  | 994.3  |
| 32.5° | 908.1  | 911.8  | 914.6  | 914.1  | 916.0  | 921.1  | 919.2  | 923.4  |
| 35°   | 839.0  | 839.5  | 844.1  | 843.7  | 847.4  | 847.4  | 847.4  | 850.2  |
| 37.5° | 765.3  | 770.9  | 768.6  | 774.1  | 772.2  | 773.7  | 773.7  | 774.6  |
| 40°   | 698.1  | 700.0  | 700.0  | 701.8  | 703.2  | 701.8  | 702.8  | 705.1  |
| 42.5° | 628.6  | 630.5  | 630.9  | 630.0  | 631.4  | 635.5  | 632.3  | 635.1  |
| 45°   | 563.7  | 565.1  | 567.0  | 565.5  | 567.9  | 566.4  | 567.9  | 567.0  |
| 47.5° | 502.5  | 502.1  | 501.6  | 505.3  | 502.1  | 502.5  | 504.4  | 501.1  |
| 50°   | 439.9  | 442.7  | 440.9  | 442.2  | 443.2  | 443.2  | 441.8  | 441.8  |
| 52.5° | 384.3  | 383.8  | 382.5  | 383.8  | 382.9  | 383.4  | 384.3  | 383.4  |
| 55°   | 326.8  | 328.7  | 327.7  | 327.3  | 327.7  | 327.7  | 330.5  | 326.8  |
| 57.5° | 270.3  | 269.3  | 270.7  | 273.9  | 270.7  | 273.1  | 274.4  | 274.9  |
| 60°   | 216.5  | 216.5  | 219.3  | 217.9  | 220.6  | 222.9  | 224.8  | 223.9  |
| 62.5° | 165.1  | 167.4  | 168.3  | 168.7  | 171.5  | 173.4  | 173.4  | 172.9  |
| 65°   | 122.3  | 125.6  | 125.6  | 127.5  | 128.4  | 128.4  | 129.3  | 131.2  |
| 67.5° | 90.4   | 90.4   | 90.9   | 91.8   | 91.3   | 91.3   | 92.2   | 92.7   |
| 70°   | 63.0   | 62.2   | 63.5   | 63.0   | 63.0   | 62.6   | 63.0   | 63.0   |
| 72.5° | 39.9   | 39.9   | 40.3   | 39.9   | 39.0   | 39.4   | 39.4   | 40.3   |
| 75°   | 21.3   | 22.3   | 21.3   | 21.3   | 21.8   | 20.9   | 21.3   | 21.8   |
| 77.5° | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.4    | 8.4    | 8.4    |
| 80°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 3.7    | 3.7    |
| 82.5° | 1.9    | 2.3    | 1.9    | 2.3    | 1.9    | 1.9    | 1.9    | 1.9    |
| 85°   | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    | 0.9    |
| 87.5° | 0.0    | 0.4    | 0.0    | 0.4    | 0.0    | 0.0    | 0.0    | 0.4    |
| 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)