

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P1192087

Luminaire Tested: **LDA6A25940D010TE LAR35FL 6LLWW1**

Issue Date: 3/3/2020

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

**Test Information**

Test Method: LM-41-14  
Report Number: P1192087  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26296)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: LDA6A25940D010TE LAR35FL 6LLWW1  
Description: PORTFOLIO 6" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt  
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

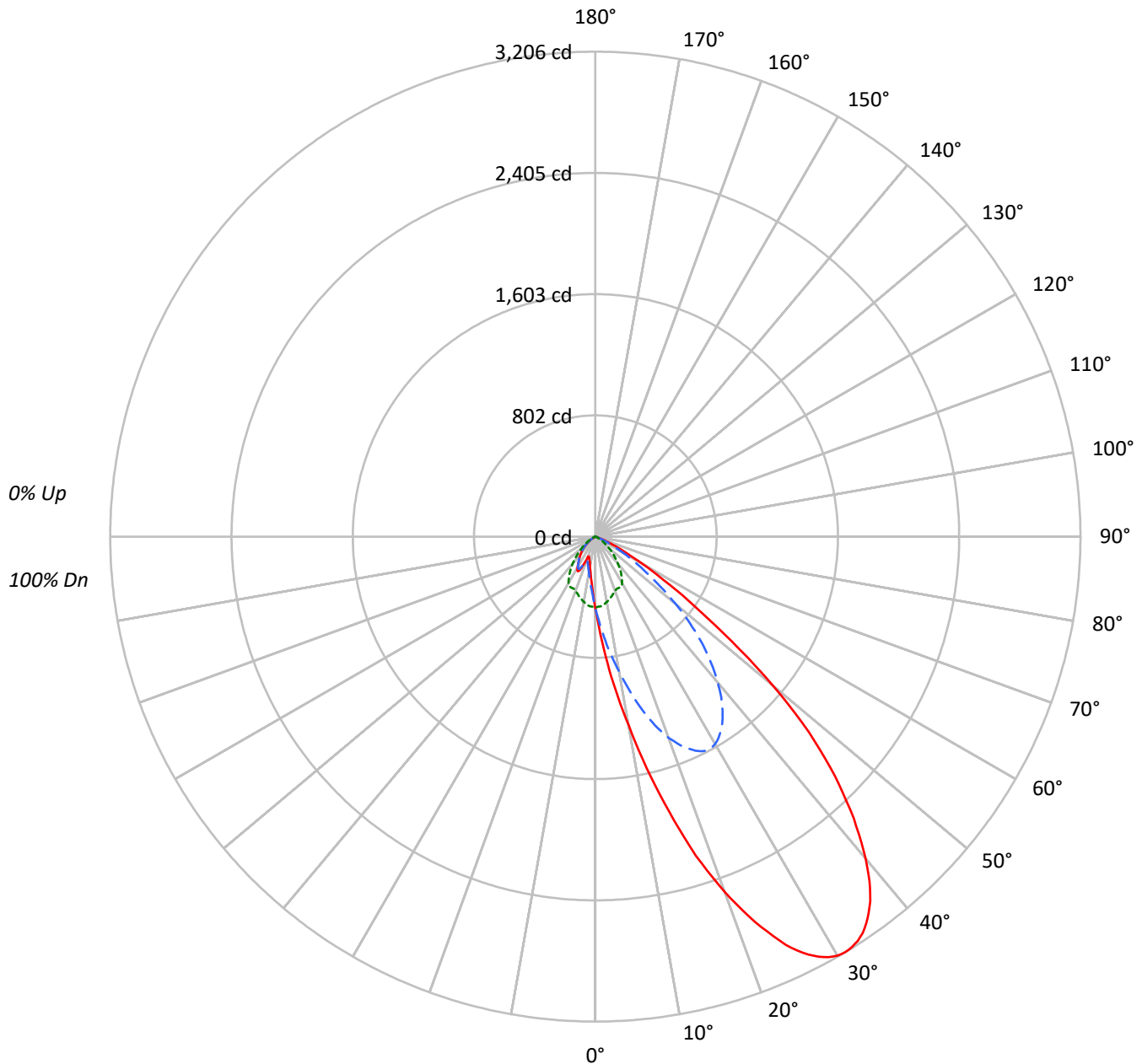
Lumens per Lamp: N/A  
Luminaire Lumens: 1992.5 lumens  
Efficiency: N/A  
Efficacy: 63.9 lumens/watt  
Spacing Criteria (0/90/45): 2.33 / 1.13 / 1.63  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 31.2  
Input Voltage (V): NR  
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

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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  |     |     |     |    | 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   | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 100 | 102 | 99  | 97  | 98  | 96  | 94  | 94  | 93  | 92  | 90  |    |    |
| 2   | 104 | 97  | 92  | 87  | 101 | 96  | 91  | 86  | 92  | 88  | 85  | 89  | 86  | 83  | 86  | 83  | 81  | 79  |    |    |
| 3   | 96  | 88  | 81  | 76  | 94  | 86  | 80  | 75  | 83  | 78  | 74  | 81  | 76  | 72  | 78  | 74  | 71  | 69  |    |    |
| 4   | 89  | 79  | 71  | 66  | 87  | 78  | 71  | 65  | 75  | 69  | 65  | 73  | 68  | 64  | 71  | 67  | 63  | 61  |    |    |
| 5   | 82  | 71  | 63  | 58  | 80  | 70  | 63  | 57  | 68  | 62  | 57  | 66  | 61  | 56  | 65  | 60  | 56  | 54  |    |    |
| 6   | 76  | 64  | 57  | 51  | 75  | 64  | 56  | 51  | 62  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 49  | 48  |    |    |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  | 55  | 49  | 44  | 54  | 48  | 44  | 42  |    |    |
| 8   | 66  | 53  | 46  | 40  | 64  | 53  | 45  | 40  | 52  | 45  | 40  | 50  | 44  | 40  | 49  | 44  | 40  | 38  |    |    |
| 9   | 61  | 49  | 41  | 36  | 60  | 48  | 41  | 36  | 47  | 41  | 36  | 46  | 40  | 36  | 45  | 40  | 36  | 34  |    |    |
| 10  | 57  | 45  | 38  | 33  | 56  | 45  | 37  | 33  | 44  | 37  | 32  | 43  | 37  | 32  | 42  | 36  | 32  | 31  |    |    |

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

|     | 0°     | 90°   | 180°  |
|-----|--------|-------|-------|
| 0°  | 25798  | 25798 | 25798 |
| 5°  | 43914  | 25352 | 16217 |
| 10° | 70506  | 24382 | 11172 |
| 15° | 106851 | 23292 | 8644  |
| 20° | 145887 | 22209 | 8080  |
| 25° | 180089 | 22550 | 14771 |
| 30° | 202487 | 22352 | 14958 |
| 35° | 208920 | 19849 | 12575 |
| 40° | 198916 | 16552 | 10827 |
| 45° | 173553 | 13187 | 8892  |
| 50° | 130878 | 9944  | 5893  |
| 55° | 75610  | 6891  | 3106  |
| 60° | 39131  | 4342  | 987   |
| 65° | 16928  | 1920  | 506   |
| 70° | 5690   | 962   | 481   |
| 75° | 1906   | 826   | 635   |
| 80° | 1231   | 947   | 600   |
| 85° | 692    | 1887  | 1195  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.5   | 2.5       |
| 10°-20°   | 203.2  | 10.2      |
| 20°-30°   | 432.9  | 21.7      |
| 30°-40°   | 562.0  | 28.2      |
| 40°-50°   | 471.3  | 23.7      |
| 50°-60°   | 217.3  | 10.9      |
| 60°-70°   | 46.9   | 2.4       |
| 70°-80°   | 6.1    | 0.3       |
| 80°-90°   | 2.2    | 0.1       |
| 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°    | 686.6  | 34.5      |
| 0°-40°    | 1248.7 | 62.7      |
| 0°-60°    | 1937.4 | 97.2      |
| 0°-90°    | 1992.5 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1992.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90° | 135° | 180° | Flux |
|-----|------|------|-----|------|------|------|
| 0°  | 471  | 471  | 471 | 471  | 471  |      |
| 5°  | 798  | 668  | 461 | 330  | 295  | 91   |
| 15° | 1883 | 1181 | 410 | 190  | 152  | 553  |
| 25° | 2977 | 1561 | 373 | 224  | 244  | 1366 |
| 35° | 3122 | 1465 | 297 | 190  | 188  | 1928 |
| 45° | 2239 | 997  | 170 | 118  | 115  | 1698 |
| 55° | 791  | 407  | 72  | 43   | 32   | 752  |
| 65° | 130  | 75   | 15  | 6    | 4    | 150  |
| 75° | 9    | 6    | 4   | 4    | 3    | 14   |
| 85° | 1    | 2    | 3   | 3    | 2    | 1    |
| 90° | 0    | 0    | 0   | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  |
| 2.5°  | 609.0  | 600.3  | 608.2  | 608.2  | 603.2  | 599.2  | 606.2  | 597.3  | 602.2  | 593.2  | 593.2  |
| 5°    | 798.0  | 775.3  | 786.0  | 785.1  | 776.2  | 778.3  | 775.3  | 762.5  | 765.3  | 751.5  | 747.5  |
| 7.5°  | 1019.5 | 995.7  | 1007.7 | 1004.7 | 991.9  | 990.8  | 985.9  | 965.1  | 965.1  | 944.4  | 933.4  |
| 10°   | 1266.6 | 1248.9 | 1262.8 | 1256.8 | 1241.0 | 1234.1 | 1226.2 | 1197.5 | 1191.5 | 1159.9 | 1142.1 |
| 12.5° | 1565.4 | 1556.4 | 1541.6 | 1531.8 | 1524.7 | 1513.8 | 1500.1 | 1462.5 | 1448.6 | 1406.2 | 1378.4 |
| 15°   | 1882.7 | 1878.7 | 1862.0 | 1863.9 | 1837.2 | 1805.5 | 1813.4 | 1751.1 | 1727.4 | 1672.2 | 1634.5 |
| 17.5° | 2212.1 | 2200.1 | 2184.3 | 2162.6 | 2148.7 | 2111.1 | 2094.4 | 2036.0 | 2001.3 | 1932.2 | 1885.7 |
| 20°   | 2500.7 | 2495.8 | 2481.9 | 2454.3 | 2433.5 | 2391.0 | 2364.2 | 2297.0 | 2248.7 | 2167.6 | 2111.1 |
| 22.5° | 2757.8 | 2749.9 | 2737.0 | 2703.4 | 2678.8 | 2628.3 | 2594.7 | 2517.5 | 2458.2 | 2366.2 | 2298.1 |
| 25°   | 2977.3 | 2962.5 | 2951.6 | 2911.0 | 2884.4 | 2825.0 | 2785.6 | 2699.5 | 2629.3 | 2527.5 | 2448.3 |
| 26°   | 3045.6 | 3032.7 | 3022.9 | 2980.3 | 2951.6 | 2889.4 | 2847.8 | 2757.8 | 2682.7 | 2578.9 | 2494.8 |
| 27°   | 3101.9 | 3091.0 | 3083.1 | 3038.7 | 3007.9 | 2943.7 | 2898.2 | 2807.2 | 2727.2 | 2620.4 | 2533.3 |
| 28°   | 3146.4 | 3136.5 | 3128.6 | 3082.2 | 3050.5 | 2984.2 | 2935.8 | 2842.9 | 2758.8 | 2649.1 | 2560.0 |
| 29°   | 3179.1 | 3169.1 | 3163.3 | 3113.8 | 3082.2 | 3013.9 | 2963.4 | 2867.5 | 2780.5 | 2668.8 | 2576.9 |
| 30°   | 3198.8 | 3189.0 | 3183.0 | 3131.6 | 3099.9 | 3030.8 | 2976.3 | 2880.4 | 2789.4 | 2676.7 | 2582.7 |
| 31°   | 3205.7 | 3194.9 | 3190.9 | 3138.5 | 3104.9 | 3033.6 | 2979.3 | 2880.4 | 2787.5 | 2673.7 | 2577.8 |
| 32°   | 3199.9 | 3189.8 | 3187.0 | 3133.5 | 3098.9 | 3026.8 | 2971.3 | 2871.6 | 2776.6 | 2661.9 | 2564.1 |
| 33°   | 3186.0 | 3176.1 | 3174.2 | 3119.6 | 3085.2 | 3010.9 | 2956.6 | 2854.7 | 2757.8 | 2642.2 | 2544.2 |
| 34°   | 3160.3 | 3150.4 | 3150.4 | 3095.0 | 3059.5 | 2985.2 | 2930.9 | 2829.0 | 2729.1 | 2614.4 | 2515.5 |
| 35°   | 3121.8 | 3117.7 | 3113.8 | 3057.4 | 3021.8 | 2947.6 | 2893.2 | 2790.5 | 2690.6 | 2576.9 | 2475.9 |
| 36°   | 3074.3 | 3071.3 | 3067.4 | 3010.9 | 2974.3 | 2900.3 | 2847.8 | 2744.9 | 2644.1 | 2531.4 | 2431.4 |
| 37°   | 3017.8 | 3015.9 | 3012.9 | 2956.6 | 2920.0 | 2846.8 | 2793.5 | 2692.5 | 2591.7 | 2480.0 | 2380.1 |
| 38°   | 2949.7 | 2949.7 | 2946.7 | 2890.2 | 2853.7 | 2781.5 | 2730.2 | 2629.3 | 2529.4 | 2419.6 | 2321.7 |
| 39°   | 2868.6 | 2870.5 | 2868.6 | 2812.1 | 2775.5 | 2704.5 | 2655.0 | 2557.0 | 2457.3 | 2350.3 | 2262.4 |
| 40°   | 2779.6 | 2782.6 | 2781.5 | 2726.1 | 2689.5 | 2620.4 | 2572.9 | 2477.0 | 2388.0 | 2274.3 | 2189.2 |
| 42.5° | 2527.5 | 2532.4 | 2533.3 | 2480.9 | 2446.4 | 2382.0 | 2339.6 | 2251.5 | 2158.6 | 2063.6 | 1986.5 |
| 45°   | 2238.6 | 2247.6 | 2249.5 | 2202.0 | 2170.5 | 2112.1 | 2076.6 | 1997.4 | 1928.1 | 1830.3 | 1763.1 |
| 47.5° | 1915.3 | 1928.1 | 1933.2 | 1889.6 | 1859.0 | 1808.5 | 1781.9 | 1714.5 | 1654.2 | 1566.2 | 1509.9 |
| 50°   | 1534.6 | 1549.5 | 1537.6 | 1519.8 | 1494.1 | 1454.5 | 1438.7 | 1384.3 | 1320.1 | 1263.7 | 1224.1 |
| 51°   | 1369.6 | 1385.4 | 1394.2 | 1359.7 | 1337.9 | 1302.4 | 1290.4 | 1244.0 | 1186.6 | 1138.0 | 1104.4 |
| 52°   | 1207.4 | 1224.1 | 1233.0 | 1202.4 | 1183.6 | 1153.9 | 1147.0 | 1106.6 | 1056.1 | 1015.4 | 987.8  |
| 53°   | 1055.0 | 1070.8 | 1061.0 | 1054.1 | 1037.2 | 1012.6 | 1008.6 | 975.0  | 931.5  | 897.9  | 876.1  |
| 54°   | 915.7  | 929.4  | 939.4  | 916.6  | 901.8  | 881.0  | 880.0  | 852.3  | 815.8  | 787.1  | 771.2  |
| 55°   | 791.1  | 804.0  | 812.8  | 793.9  | 781.1  | 763.3  | 763.3  | 740.6  | 710.0  | 686.3  | 674.3  |
| 57.5° | 541.0  | 549.8  | 557.7  | 543.8  | 535.0  | 524.1  | 526.0  | 512.3  | 491.5  | 476.6  | 469.7  |
| 60°   | 356.9  | 363.8  | 368.9  | 359.9  | 355.0  | 348.0  | 350.1  | 341.1  | 334.3  | 318.4  | 315.4  |
| 61°   | 297.7  | 304.5  | 309.4  | 301.5  | 303.6  | 290.6  | 293.6  | 285.7  | 279.9  | 272.9  | 264.9  |
| 62°   | 246.3  | 252.1  | 256.1  | 249.1  | 251.2  | 240.3  | 243.3  | 237.3  | 232.4  | 225.5  | 219.6  |
| 63°   | 200.7  | 205.7  | 209.7  | 208.6  | 205.7  | 196.9  | 198.8  | 193.9  | 189.8  | 184.9  | 180.0  |
| 64°   | 163.1  | 167.1  | 170.1  | 170.1  | 167.1  | 159.2  | 161.1  | 156.2  | 154.3  | 149.4  | 145.3  |
| 65°   | 130.5  | 133.5  | 135.5  | 135.5  | 133.5  | 127.5  | 128.6  | 125.6  | 122.6  | 119.6  | 116.6  |
| 66°   | 102.9  | 105.7  | 107.8  | 107.8  | 105.7  | 100.8  | 101.9  | 98.9   | 96.9   | 93.9   | 92.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°   | 2.5° | 5°   | 7.5° | 10°  | 12.5° | 15°  | 17.5° | 20°  | 22.5° | 25°  |
|-------|------|------|------|------|------|-------|------|-------|------|-------|------|
| 72.5° | 16.9 | 17.8 | 17.8 | 17.8 | 17.8 | 16.9  | 16.9 | 16.9  | 15.8 | 15.8  | 14.8 |
| 75°   | 9.0  | 9.0  | 9.0  | 9.0  | 9.0  | 9.0   | 9.0  | 7.9   | 7.9  | 7.9   | 7.9  |
| 77.5° | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 4.9   | 4.9  | 4.9   | 4.9  | 4.9   | 4.9  |
| 80°   | 3.9  | 3.9  | 3.9  | 3.9  | 3.9  | 3.9   | 3.9  | 3.0   | 3.0  | 3.0   | 3.0  |
| 82.5° | 1.9  | 3.0  | 3.0  | 3.0  | 3.0  | 1.9   | 1.9  | 1.9   | 3.0  | 1.9   | 1.9  |
| 85°   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 87.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 1.1  | 1.1   | 1.1  |
| 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):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  | 470.6  |
| 2.5°  | 590.4  | 585.3  | 584.4  | 577.6  | 566.6  | 572.5  | 559.6  | 559.6  | 554.7  | 552.8  | 543.8  |
| 5°    | 738.7  | 728.7  | 722.9  | 709.0  | 698.1  | 694.2  | 673.4  | 667.5  | 655.7  | 646.7  | 630.9  |
| 7.5°  | 918.7  | 899.8  | 885.9  | 864.3  | 843.4  | 833.5  | 801.9  | 787.1  | 767.4  | 749.6  | 724.8  |
| 10°   | 1117.3 | 1088.6 | 1065.9 | 1033.4 | 1001.7 | 981.8  | 938.4  | 906.7  | 882.1  | 853.4  | 818.7  |
| 12.5° | 1341.8 | 1301.3 | 1266.6 | 1220.2 | 1175.7 | 1145.1 | 1086.7 | 1041.3 | 1004.7 | 964.1  | 917.6  |
| 15°   | 1582.1 | 1527.7 | 1480.2 | 1417.9 | 1350.7 | 1314.1 | 1241.0 | 1180.6 | 1131.2 | 1076.8 | 1015.4 |
| 17.5° | 1815.5 | 1746.2 | 1682.9 | 1605.8 | 1525.8 | 1464.4 | 1384.3 | 1308.2 | 1244.0 | 1172.7 | 1102.5 |
| 20°   | 2024.2 | 1940.1 | 1862.0 | 1770.0 | 1678.0 | 1602.0 | 1507.0 | 1416.0 | 1337.9 | 1255.7 | 1172.7 |
| 22.5° | 2198.2 | 2100.2 | 2008.3 | 1904.5 | 1799.7 | 1711.6 | 1602.8 | 1500.1 | 1410.0 | 1318.0 | 1223.2 |
| 25°   | 2335.6 | 2226.8 | 2123.9 | 2008.3 | 1893.6 | 1795.6 | 1675.1 | 1561.3 | 1462.5 | 1361.6 | 1258.7 |
| 26°   | 2379.0 | 2265.4 | 2158.6 | 2034.9 | 1921.3 | 1819.4 | 1695.9 | 1578.2 | 1476.3 | 1373.4 | 1267.7 |
| 27°   | 2412.8 | 2295.1 | 2184.3 | 2059.7 | 1942.0 | 1837.2 | 1709.6 | 1590.0 | 1484.3 | 1379.4 | 1271.6 |
| 28°   | 2435.5 | 2314.8 | 2200.1 | 2073.6 | 1954.0 | 1846.1 | 1716.7 | 1594.0 | 1486.2 | 1380.5 | 1270.7 |
| 29°   | 2450.3 | 2325.7 | 2208.0 | 2081.5 | 1958.9 | 1848.1 | 1716.7 | 1591.9 | 1483.2 | 1375.4 | 1264.7 |
| 30°   | 2453.3 | 2326.8 | 2207.0 | 2078.5 | 1954.0 | 1842.1 | 1708.7 | 1583.1 | 1472.3 | 1364.6 | 1252.7 |
| 31°   | 2448.3 | 2317.8 | 2196.2 | 2068.7 | 1943.1 | 1828.4 | 1694.8 | 1569.2 | 1459.5 | 1349.7 | 1237.1 |
| 32°   | 2433.5 | 2302.0 | 2179.3 | 2050.7 | 1924.2 | 1809.5 | 1676.0 | 1548.5 | 1438.7 | 1330.0 | 1217.2 |
| 33°   | 2413.7 | 2279.3 | 2155.6 | 2027.0 | 1901.6 | 1785.8 | 1652.3 | 1525.8 | 1416.0 | 1306.2 | 1194.5 |
| 34°   | 2386.0 | 2250.6 | 2126.0 | 1999.4 | 1872.9 | 1757.1 | 1623.6 | 1498.0 | 1388.4 | 1279.5 | 1168.8 |
| 35°   | 2348.4 | 2212.1 | 2088.4 | 1963.8 | 1837.2 | 1722.5 | 1590.0 | 1465.4 | 1357.6 | 1249.9 | 1140.2 |
| 36°   | 2304.9 | 2170.5 | 2045.8 | 1922.3 | 1796.7 | 1682.9 | 1553.4 | 1429.9 | 1323.1 | 1216.2 | 1108.5 |
| 37°   | 2256.6 | 2122.0 | 1999.4 | 1877.8 | 1754.1 | 1641.4 | 1513.8 | 1392.3 | 1287.4 | 1181.7 | 1075.8 |
| 38°   | 2200.1 | 2066.6 | 1946.1 | 1827.3 | 1705.8 | 1594.9 | 1470.4 | 1350.7 | 1247.8 | 1144.0 | 1040.2 |
| 39°   | 2134.8 | 2004.3 | 1885.7 | 1771.0 | 1652.3 | 1543.6 | 1422.0 | 1305.2 | 1204.4 | 1103.6 | 1001.7 |
| 40°   | 2064.6 | 1938.1 | 1822.4 | 1710.7 | 1594.9 | 1489.2 | 1370.4 | 1257.9 | 1159.9 | 1061.0 | 962.1  |
| 42.5° | 1872.9 | 1754.1 | 1647.3 | 1547.4 | 1440.6 | 1342.8 | 1236.0 | 1132.2 | 1041.3 | 950.3  | 859.2  |
| 45°   | 1662.1 | 1554.5 | 1458.6 | 1370.4 | 1273.7 | 1186.6 | 1090.7 | 996.8  | 914.6  | 831.6  | 750.5  |
| 47.5° | 1423.9 | 1328.9 | 1245.9 | 1171.8 | 1087.7 | 1011.6 | 929.4  | 848.5  | 776.2  | 704.0  | 632.8  |
| 50°   | 1156.0 | 1078.8 | 1013.5 | 954.2  | 887.0  | 824.7  | 758.4  | 692.3  | 632.8  | 571.6  | 512.3  |
| 51°   | 1046.2 | 976.9  | 917.6  | 867.1  | 804.8  | 749.6  | 690.1  | 629.8  | 575.4  | 520.2  | 464.8  |
| 52°   | 937.3  | 877.2  | 825.6  | 781.1  | 726.7  | 677.3  | 624.0  | 569.6  | 520.2  | 469.7  | 418.3  |
| 53°   | 833.5  | 781.1  | 736.6  | 699.1  | 651.6  | 608.2  | 560.7  | 513.2  | 467.8  | 422.2  | 375.8  |
| 54°   | 735.7  | 691.2  | 653.6  | 621.9  | 580.4  | 541.8  | 501.4  | 458.8  | 418.3  | 375.8  | 333.2  |
| 55°   | 644.8  | 607.1  | 575.4  | 548.9  | 513.2  | 479.6  | 444.9  | 407.4  | 370.8  | 332.3  | 299.6  |
| 57.5° | 451.9  | 427.1  | 406.4  | 389.7  | 365.9  | 349.0  | 319.3  | 293.6  | 270.9  | 237.3  | 212.5  |
| 60°   | 304.5  | 287.8  | 275.0  | 264.9  | 249.1  | 240.3  | 219.6  | 200.7  | 186.0  | 161.1  | 143.4  |
| 61°   | 256.1  | 242.2  | 231.3  | 223.4  | 210.6  | 202.7  | 184.9  | 170.1  | 156.2  | 135.5  | 119.6  |
| 62°   | 212.5  | 200.7  | 196.9  | 186.0  | 175.0  | 169.1  | 154.3  | 141.4  | 130.5  | 111.7  | 98.9   |
| 63°   | 174.0  | 164.1  | 161.1  | 152.3  | 143.4  | 139.5  | 126.5  | 116.6  | 106.8  | 91.0   | 81.1   |
| 64°   | 140.4  | 132.5  | 130.5  | 123.7  | 116.6  | 112.8  | 102.9  | 93.9   | 86.0   | 73.2   | 65.3   |
| 65°   | 111.7  | 108.7  | 103.8  | 98.9   | 92.9   | 89.9   | 82.2   | 75.1   | 68.3   | 58.4   | 52.4   |
| 66°   | 88.0   | 86.0   | 81.1   | 77.1   | 72.1   | 70.2   | 63.3   | 58.4   | 53.5   | 45.6   | 41.5   |





TEST NUMBER: P1192087

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

|       | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-------|
| 72.5° | 13.9  | 13.9 | 12.8  | 12.8 | 10.9  | 10.9 | 9.9   | 9.0 | 9.0   | 7.9 | 7.9   |
| 75°   | 6.9   | 6.9  | 6.9   | 6.9  | 6.0   | 6.0  | 6.0   | 6.0 | 4.9   | 4.9 | 4.9   |
| 77.5° | 4.9   | 4.9  | 3.9   | 3.9  | 3.9   | 3.9  | 3.9   | 3.9 | 3.9   | 3.9 | 3.9   |
| 80°   | 3.0   | 3.0  | 3.0   | 3.0  | 3.0   | 3.0  | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   |
| 82.5° | 1.9   | 1.9  | 1.9   | 1.9  | 1.9   | 1.9  | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   |
| 85°   | 1.1   | 1.1  | 1.1   | 1.1  | 1.1   | 1.9  | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   |
| 87.5° | 1.1   | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  | 1.1   | 1.1 | 1.9   | 1.9 | 1.9   |
| 90°   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192087

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 470.6  | 470.6  | 470.6 | 470.6 | 470.6 | 470.6 | 470.6 | 470.6 | 470.6 | 470.6 | 470.6 |
| 2.5°  | 541.0  | 532.0  | 527.9 | 525.1 | 519.1 | 514.2 | 507.2 | 503.3 | 494.3 | 495.4 | 484.5 |
| 5°    | 621.0  | 605.2  | 595.3 | 584.4 | 572.5 | 561.7 | 547.8 | 538.0 | 523.0 | 518.1 | 501.4 |
| 7.5°  | 706.0  | 681.4  | 664.5 | 644.8 | 625.9 | 607.1 | 585.3 | 568.6 | 548.9 | 535.9 | 513.2 |
| 10°   | 790.1  | 759.5  | 728.7 | 700.0 | 672.4 | 645.6 | 616.1 | 593.2 | 565.6 | 546.8 | 519.1 |
| 12.5° | 877.2  | 831.6  | 793.9 | 756.5 | 718.8 | 684.3 | 646.7 | 615.0 | 579.5 | 555.7 | 522.1 |
| 15°   | 963.2  | 905.8  | 858.3 | 809.8 | 763.3 | 718.8 | 673.4 | 634.9 | 593.2 | 562.6 | 523.0 |
| 17.5° | 1038.3 | 970.0  | 911.6 | 851.3 | 798.0 | 745.6 | 691.2 | 646.7 | 599.2 | 563.7 | 520.2 |
| 20°   | 1096.5 | 1018.4 | 951.2 | 882.1 | 820.7 | 760.3 | 701.1 | 651.6 | 599.2 | 559.6 | 512.3 |
| 22.5° | 1137.2 | 1052.0 | 976.9 | 901.8 | 833.5 | 769.3 | 704.0 | 651.6 | 596.2 | 553.8 | 506.3 |
| 25°   | 1164.8 | 1074.9 | 993.8 | 913.7 | 841.4 | 773.2 | 706.0 | 650.6 | 594.3 | 551.7 | 502.3 |
| 26°   | 1170.8 | 1078.8 | 996.8 | 914.6 | 841.4 | 772.3 | 704.0 | 648.6 | 592.3 | 549.8 | 500.3 |
| 27°   | 1172.7 | 1079.8 | 995.7 | 913.7 | 839.5 | 769.3 | 701.1 | 645.6 | 588.3 | 545.9 | 497.3 |
| 28°   | 1169.7 | 1076.8 | 991.9 | 908.6 | 834.6 | 763.3 | 695.1 | 639.8 | 582.5 | 541.0 | 491.5 |
| 29°   | 1162.9 | 1068.9 | 983.9 | 900.7 | 826.7 | 754.5 | 686.3 | 631.9 | 574.6 | 533.0 | 484.5 |
| 30°   | 1151.1 | 1057.1 | 972.0 | 887.9 | 813.8 | 742.6 | 674.3 | 620.0 | 563.7 | 522.1 | 473.6 |
| 31°   | 1135.2 | 1042.2 | 957.2 | 873.1 | 799.0 | 728.7 | 660.6 | 607.1 | 550.8 | 510.2 | 461.8 |
| 32°   | 1115.4 | 1025.5 | 938.4 | 855.3 | 781.1 | 712.0 | 644.8 | 591.3 | 535.9 | 495.4 | 447.9 |
| 33°   | 1092.7 | 1004.7 | 917.6 | 835.6 | 763.3 | 694.2 | 627.0 | 574.6 | 521.1 | 480.6 | 434.2 |
| 34°   | 1067.9 | 981.8  | 894.9 | 814.7 | 742.6 | 674.3 | 609.0 | 557.7 | 504.4 | 464.8 | 420.3 |
| 35°   | 1040.2 | 956.1  | 870.1 | 790.1 | 720.9 | 653.6 | 589.3 | 538.9 | 486.4 | 447.9 | 404.4 |
| 36°   | 1010.5 | 928.5  | 843.4 | 768.3 | 697.2 | 630.9 | 569.6 | 519.1 | 467.8 | 430.1 | 387.6 |
| 37°   | 979.9  | 899.8  | 816.8 | 743.6 | 673.4 | 609.0 | 548.9 | 499.3 | 449.8 | 413.2 | 371.7 |
| 38°   | 946.3  | 869.2  | 787.1 | 716.9 | 647.7 | 585.3 | 526.0 | 478.5 | 431.2 | 395.5 | 355.0 |
| 39°   | 910.8  | 832.6  | 756.5 | 688.2 | 621.0 | 560.7 | 503.3 | 457.8 | 410.4 | 376.7 | 337.2 |
| 40°   | 874.2  | 798.0  | 724.8 | 658.5 | 593.2 | 535.9 | 479.6 | 435.1 | 390.5 | 356.9 | 319.3 |
| 42.5° | 779.2  | 710.0  | 641.8 | 582.5 | 521.1 | 468.7 | 417.3 | 376.7 | 336.2 | 306.5 | 272.9 |
| 45°   | 678.4  | 617.0  | 554.7 | 501.4 | 446.0 | 398.5 | 353.1 | 316.5 | 279.9 | 255.1 | 226.4 |
| 47.5° | 575.4  | 516.2  | 461.8 | 414.3 | 369.8 | 324.4 | 285.7 | 254.2 | 224.5 | 204.6 | 183.8 |
| 50°   | 458.8  | 415.4  | 367.9 | 328.3 | 286.8 | 253.2 | 220.4 | 197.7 | 175.9 | 163.1 | 147.2 |
| 51°   | 415.4  | 374.7  | 331.3 | 294.7 | 256.1 | 225.5 | 197.7 | 178.0 | 159.2 | 148.3 | 134.4 |
| 52°   | 378.8  | 336.2  | 295.7 | 261.9 | 230.5 | 200.7 | 177.0 | 160.3 | 144.4 | 134.4 | 121.6 |
| 53°   | 334.3  | 300.7  | 263.0 | 232.4 | 203.7 | 178.0 | 158.2 | 143.4 | 129.5 | 121.6 | 110.8 |
| 54°   | 296.6  | 266.0  | 231.3 | 203.7 | 180.0 | 158.2 | 140.4 | 128.6 | 116.6 | 108.7 | 99.9  |
| 55°   | 261.1  | 237.3  | 201.8 | 178.0 | 158.2 | 139.5 | 125.6 | 114.7 | 103.8 | 97.8  | 89.0  |
| 57.5° | 183.0  | 162.2  | 140.4 | 126.5 | 113.6 | 101.9 | 92.0  | 84.1  | 77.1  | 73.2  | 66.3  |
| 60°   | 121.6  | 108.7  | 95.9  | 87.1  | 79.2  | 72.1  | 65.3  | 59.3  | 54.4  | 52.4  | 47.5  |
| 61°   | 101.9  | 92.0   | 81.1  | 75.1  | 68.3  | 61.2  | 55.4  | 51.4  | 47.5  | 45.6  | 41.5  |
| 62°   | 87.1   | 77.1   | 68.3  | 63.3  | 57.4  | 52.4  | 47.5  | 43.5  | 40.5  | 38.5  | 35.5  |
| 63°   | 71.2   | 64.2   | 57.4  | 53.5  | 48.4  | 43.5  | 40.5  | 36.6  | 34.7  | 32.5  | 29.7  |
| 64°   | 58.4   | 52.4   | 47.5  | 43.5  | 40.5  | 35.5  | 33.6  | 30.6  | 27.6  | 27.6  | 24.8  |
| 65°   | 47.5   | 42.6   | 38.5  | 35.5  | 32.5  | 29.7  | 27.6  | 24.8  | 22.7  | 21.8  | 19.7  |
| 66°   | 37.6   | 33.6   | 30.6  | 28.7  | 25.7  | 23.7  | 21.8  | 19.7  | 17.8  | 17.8  | 15.8  |

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192087

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

|       | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 72.5° | 6.9 | 6.9   | 6.9 | 6.0   | 6.0 | 6.0   | 6.0 | 4.9   | 4.9 | 4.9   | 4.9 |
| 75°   | 4.9 | 4.9   | 3.9 | 3.9   | 3.9 | 3.9   | 3.9 | 3.9   | 3.9 | 3.9   | 3.9 |
| 77.5° | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 |
| 80°   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 |
| 82.5° | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 |
| 85°   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 3.0   | 3.0 |
| 87.5° | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 |
| 90°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P1192087

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90°   | 112.5° | 135°  | 157.5° | 180°  |
|-------|-------|-------|-------|-------|--------|-------|--------|-------|
| 0°    | 470.6 | 470.6 | 470.6 | 470.6 | 470.6  | 470.6 | 470.6  | 470.6 |
| 2.5°  | 481.5 | 479.6 | 467.8 | 463.7 | 423.3  | 388.6 | 374.7  | 365.9 |
| 5°    | 493.5 | 485.5 | 468.7 | 460.7 | 384.6  | 330.2 | 305.6  | 294.7 |
| 7.5°  | 500.3 | 486.4 | 463.7 | 451.9 | 347.1  | 281.8 | 251.2  | 240.3 |
| 10°   | 499.3 | 481.5 | 454.9 | 438.0 | 312.4  | 242.2 | 211.6  | 200.7 |
| 12.5° | 498.4 | 475.7 | 444.9 | 424.2 | 283.8  | 213.6 | 181.9  | 172.1 |
| 15°   | 495.4 | 467.8 | 434.2 | 410.4 | 259.1  | 189.8 | 161.1  | 152.3 |
| 17.5° | 487.5 | 457.8 | 420.3 | 394.6 | 238.4  | 172.1 | 147.2  | 138.5 |
| 20°   | 477.6 | 444.9 | 407.4 | 380.7 | 225.5  | 165.2 | 144.4  | 138.5 |
| 22.5° | 469.7 | 436.1 | 398.5 | 372.8 | 229.4  | 186.0 | 184.9  | 188.9 |
| 25°   | 466.7 | 434.2 | 396.5 | 372.8 | 249.1  | 224.5 | 237.3  | 244.2 |
| 26°   | 464.8 | 433.1 | 396.5 | 372.8 | 255.1  | 234.3 | 246.3  | 254.2 |
| 27°   | 461.8 | 430.1 | 394.6 | 370.8 | 258.1  | 239.3 | 250.2  | 256.1 |
| 28°   | 456.9 | 425.2 | 389.7 | 367.9 | 258.1  | 239.3 | 248.2  | 253.2 |
| 29°   | 449.8 | 419.2 | 383.7 | 361.9 | 255.1  | 235.4 | 242.2  | 246.3 |
| 30°   | 440.0 | 409.4 | 374.7 | 353.1 | 248.2  | 229.4 | 233.3  | 236.3 |
| 31°   | 428.2 | 398.5 | 363.8 | 343.1 | 241.2  | 221.5 | 224.5  | 226.4 |
| 32°   | 415.4 | 385.6 | 352.0 | 332.3 | 232.4  | 212.5 | 214.6  | 215.5 |
| 33°   | 401.5 | 372.8 | 340.2 | 320.4 | 224.5  | 204.6 | 204.6  | 205.7 |
| 34°   | 387.6 | 358.9 | 329.3 | 308.6 | 216.6  | 197.7 | 195.8  | 196.9 |
| 35°   | 373.8 | 345.2 | 316.5 | 296.6 | 208.6  | 189.8 | 187.9  | 187.9 |
| 36°   | 358.0 | 330.2 | 302.6 | 283.8 | 200.7  | 183.8 | 180.0  | 180.0 |
| 37°   | 343.1 | 316.5 | 289.7 | 270.9 | 191.8  | 177.0 | 173.1  | 172.1 |
| 38°   | 327.2 | 301.5 | 275.8 | 258.1 | 183.8  | 170.1 | 166.1  | 165.2 |
| 39°   | 311.6 | 286.8 | 261.9 | 245.2 | 175.9  | 163.1 | 160.3  | 158.2 |
| 40°   | 294.7 | 270.9 | 248.2 | 231.3 | 168.2  | 155.2 | 153.2  | 151.3 |
| 42.5° | 251.2 | 230.5 | 211.6 | 199.7 | 148.3  | 136.5 | 133.5  | 134.4 |
| 45°   | 208.6 | 192.8 | 178.0 | 170.1 | 128.6  | 117.7 | 114.7  | 114.7 |
| 47.5° | 171.0 | 159.2 | 149.4 | 141.4 | 107.8  | 97.8  | 95.0   | 91.0  |
| 50°   | 138.5 | 129.5 | 121.6 | 116.6 | 89.0   | 79.2  | 73.2   | 69.1  |
| 51°   | 126.5 | 118.6 | 111.7 | 106.8 | 81.1   | 71.2  | 64.2   | 60.3  |
| 52°   | 114.7 | 107.8 | 101.9 | 97.8  | 73.2   | 63.3  | 56.3   | 52.4  |
| 53°   | 103.8 | 97.8  | 92.9  | 89.0  | 66.3   | 56.3  | 49.4   | 45.6  |
| 54°   | 93.9  | 88.0  | 84.1  | 80.0  | 59.3   | 49.4  | 41.5   | 38.5  |
| 55°   | 85.0  | 79.2  | 76.2  | 72.1  | 52.4   | 42.6  | 34.7   | 32.5  |
| 57.5° | 63.3  | 59.3  | 57.4  | 54.4  | 38.5   | 27.6  | 20.8   | 17.8  |
| 60°   | 45.6  | 42.6  | 41.5  | 39.6  | 24.8   | 14.8  | 10.9   | 9.0   |
| 61°   | 39.6  | 37.6  | 35.5  | 33.6  | 19.7   | 11.8  | 9.0    | 7.9   |
| 62°   | 33.6  | 31.7  | 29.7  | 28.7  | 15.8   | 9.9   | 7.9    | 6.9   |
| 63°   | 27.6  | 26.7  | 24.8  | 23.7  | 12.8   | 7.9   | 6.9    | 6.0   |
| 64°   | 22.7  | 21.8  | 19.7  | 18.8  | 10.9   | 6.9   | 6.0    | 4.9   |
| 65°   | 18.8  | 17.8  | 15.8  | 14.8  | 9.0    | 6.0   | 4.9    | 3.9   |
| 66°   | 14.8  | 13.9  | 12.8  | 11.8  | 7.9    | 6.0   | 3.9    | 3.9   |



TEST NUMBER: P1192087

CATALOG NUMBER: LDA6A25940D010TE LAR35FL 6LLWW1

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85° | 87.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 72.5° | 4.9   | 4.9 | 3.9   | 3.9 | 3.9    | 3.9  | 3.9    | 3.0  |
| 75°   | 3.9   | 3.9 | 3.9   | 3.9 | 3.9    | 3.9  | 3.0    | 3.0  |
| 77.5° | 3.0   | 3.0 | 3.0   | 3.0 | 3.9    | 3.0  | 3.0    | 3.0  |
| 80°   | 3.0   | 3.0 | 3.0   | 3.0 | 3.0    | 3.0  | 3.0    | 1.9  |
| 82.5° | 3.0   | 3.0 | 3.0   | 3.0 | 3.0    | 3.0  | 3.0    | 1.9  |
| 85°   | 3.0   | 3.0 | 3.0   | 3.0 | 3.0    | 3.0  | 1.9    | 1.9  |
| 87.5° | 1.9   | 3.0 | 3.0   | 3.0 | 3.0    | 1.9  | 1.1    | 1.1  |
| 90°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

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



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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



|       |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 67.5° | 71.2 | 73.2 | 74.2 | 74.2 | 73.2 | 69.1 | 70.2 | 68.3 | 66.3 | 64.2 | 62.3 |
| 70°   | 35.5 | 36.6 | 37.6 | 37.6 | 36.6 | 34.7 | 35.5 | 34.7 | 33.6 | 32.5 | 30.6 |

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





|       |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 67.5° | 60.3 | 58.4 | 55.4 | 52.4 | 48.4 | 47.5 | 42.6 | 38.5 | 35.5 | 30.6 | 28.7 |
| 70°   | 29.7 | 28.7 | 26.7 | 24.8 | 23.7 | 22.7 | 19.7 | 18.8 | 16.9 | 14.8 | 13.9 |

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Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





|       |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 67.5° | 25.7 | 22.7 | 20.8 | 19.7 | 17.8 | 16.9 | 15.8 | 13.9 | 12.8 | 12.8 | 11.8 |
| 70°   | 12.8 | 11.8 | 10.9 | 10.9 | 9.9  | 9.0  | 9.0  | 7.9  | 7.9  | 7.9  | 6.9  |

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|       |      |      |     |     |     |     |     |     |
|-------|------|------|-----|-----|-----|-----|-----|-----|
| 67.5° | 10.9 | 10.9 | 9.9 | 9.0 | 6.0 | 4.9 | 3.9 | 3.9 |
| 70°   | 6.9  | 6.9  | 6.0 | 6.0 | 4.9 | 3.9 | 3.9 | 3.0 |

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