

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: P1191922

Luminaire Tested: **LDA4A35935D010TE LAR35FL 4LLWW1**

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: P1191922  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26103)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: io LED  
Catalog Number: LDA4A35935D010TE LAR35FL 4LLWW1  
Description: PORTFOLIO 4" Lensed Wall Wash, Self-flanged, 35° Flood Optic, at 30° tilt  
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

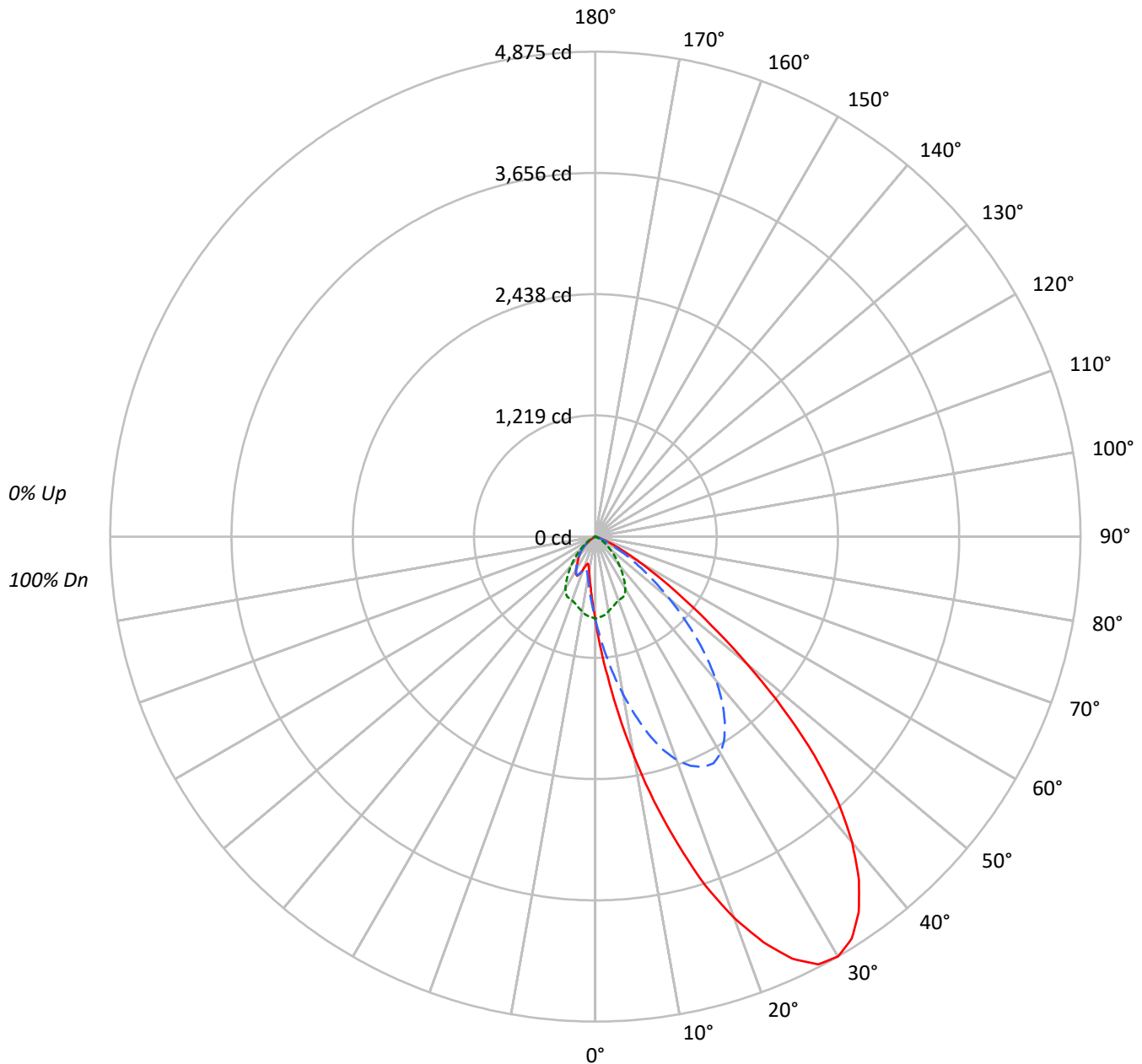
Lumens per Lamp: N/A  
Luminaire Lumens: 3094.8 lumens  
Efficiency: N/A  
Efficacy: 65.7 lumens/watt  
Spacing Criteria (0/90/45): 2.19 / 1.11 / 1.55  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct

Input Watts (W): 47.1  
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

TEST NUMBER: P1191922

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### Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

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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 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  |    |    |
| 2   | 104 | 98  | 92  | 88  | 102 | 96  | 91  | 87  | 93  | 89  | 85  | 89  | 86  | 83  | 87  | 84  | 81  | 80  |    |    |
| 3   | 97  | 88  | 82  | 76  | 94  | 87  | 81  | 76  | 84  | 79  | 74  | 81  | 77  | 73  | 79  | 75  | 72  | 70  |    |    |
| 4   | 90  | 80  | 72  | 67  | 87  | 78  | 72  | 66  | 76  | 70  | 66  | 74  | 69  | 65  | 72  | 67  | 64  | 62  |    |    |
| 5   | 83  | 72  | 64  | 59  | 81  | 71  | 64  | 59  | 69  | 63  | 58  | 67  | 62  | 57  | 65  | 61  | 57  | 55  |    |    |
| 6   | 77  | 65  | 58  | 52  | 75  | 65  | 57  | 52  | 63  | 56  | 52  | 61  | 56  | 51  | 60  | 55  | 51  | 49  |    |    |
| 7   | 72  | 60  | 52  | 46  | 70  | 59  | 52  | 46  | 57  | 51  | 46  | 56  | 50  | 46  | 55  | 50  | 45  | 44  |    |    |
| 8   | 67  | 55  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 46  | 41  | 52  | 46  | 41  | 50  | 45  | 41  | 39  |    |    |
| 9   | 62  | 50  | 43  | 38  | 61  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 37  | 47  | 41  | 37  | 35  |    |    |
| 10  | 58  | 46  | 39  | 34  | 57  | 46  | 39  | 34  | 45  | 38  | 34  | 44  | 38  | 34  | 43  | 38  | 34  | 32  |    |    |

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

|     | 0°     | 90°    | 180°   |
|-----|--------|--------|--------|
| 0°  | 101933 | 101933 | 101933 |
| 5°  | 173975 | 99450  | 64930  |
| 10° | 281170 | 95502  | 44350  |
| 15° | 408515 | 91699  | 36087  |
| 20° | 534996 | 89665  | 44957  |
| 25° | 637137 | 90872  | 59270  |
| 30° | 694347 | 85727  | 55134  |
| 35° | 694432 | 73135  | 46634  |
| 40° | 646303 | 60446  | 40528  |
| 45° | 542848 | 47255  | 34783  |
| 50° | 381039 | 35270  | 25618  |
| 55° | 229304 | 25375  | 14172  |
| 60° | 126503 | 16257  | 5230   |
| 65° | 60999  | 7909   | 584    |
| 70° | 24415  | 2777   | 721    |
| 75° | 7387   | 1859   | 0      |
| 80° | 2770   | 2770   | 0      |
| 85° | 8350   | 5519   | 0      |

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 88.7   | 2.9       |
| 10°-20°   | 351.3  | 11.4      |
| 20°-30°   | 712.4  | 23.0      |
| 30°-40°   | 865.6  | 28.0      |
| 40°-50°   | 683.0  | 22.1      |
| 50°-60°   | 309.4  | 10.0      |
| 60°-70°   | 73.0   | 2.4       |
| 70°-80°   | 7.9    | 0.3       |
| 80°-90°   | 3.5    | 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°    | 1152.3 | 37.2      |
| 0°-40°    | 2017.9 | 65.2      |
| 0°-60°    | 3010.3 | 97.3      |
| 0°-90°    | 3094.8 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3094.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90° | 135° | 180° | Flux |
|-----|------|------|-----|------|------|------|
| 0°  | 826  | 826  | 826 | 826  | 826  |      |
| 5°  | 1405 | 1182 | 803 | 588  | 524  | 160  |
| 15° | 3199 | 2049 | 718 | 341  | 283  | 931  |
| 25° | 4682 | 2556 | 668 | 426  | 436  | 2142 |
| 35° | 4612 | 2266 | 486 | 315  | 310  | 2848 |
| 45° | 3112 | 1430 | 271 | 197  | 199  | 2355 |
| 55° | 1066 | 584  | 118 | 79   | 66   | 1007 |
| 65° | 209  | 124  | 27  | 6    | 2    | 235  |
| 75° | 16   | 8    | 4   | 2    | 0    | 24   |
| 85° | 6    | 6    | 4   | 2    | 0    | 5    |
| 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°    | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  |
| 2.5°  | 1097.4 | 1070.2 | 1070.2 | 1050.9 | 1066.3 | 1035.4 | 1041.1 | 1039.2 | 1058.6 | 1052.7 | 1035.4 |
| 5°    | 1405.1 | 1381.9 | 1379.9 | 1354.7 | 1374.0 | 1333.5 | 1335.3 | 1329.6 | 1350.8 | 1329.6 | 1304.4 |
| 7.5°  | 1801.7 | 1761.2 | 1759.2 | 1730.1 | 1749.6 | 1697.3 | 1695.3 | 1683.7 | 1703.0 | 1662.5 | 1625.7 |
| 10°   | 2244.9 | 2186.9 | 2183.0 | 2148.1 | 2169.5 | 2101.7 | 2096.0 | 2076.6 | 2090.1 | 2026.2 | 1973.9 |
| 12.5° | 2719.1 | 2655.2 | 2647.5 | 2610.8 | 2630.1 | 2548.8 | 2533.3 | 2508.2 | 2514.0 | 2421.0 | 2351.4 |
| 15°   | 3199.1 | 3144.8 | 3137.1 | 3098.4 | 3117.7 | 3017.2 | 2992.0 | 2961.0 | 2955.3 | 2831.4 | 2742.3 |
| 17.5° | 3677.1 | 3566.8 | 3601.6 | 3562.9 | 3580.3 | 3462.2 | 3429.3 | 3390.6 | 3369.4 | 3216.4 | 3104.3 |
| 20°   | 4075.8 | 3980.9 | 4006.0 | 3971.2 | 3986.8 | 3851.3 | 3810.6 | 3762.2 | 3725.5 | 3541.6 | 3411.9 |
| 22.5° | 4412.5 | 4313.8 | 4300.2 | 4300.2 | 4309.8 | 4162.8 | 4108.7 | 4054.4 | 4002.1 | 3783.5 | 3651.9 |
| 25°   | 4681.5 | 4573.1 | 4557.6 | 4553.8 | 4555.6 | 4400.9 | 4337.0 | 4277.0 | 4209.3 | 3969.3 | 3826.1 |
| 27.5° | 4848.0 | 4733.8 | 4716.3 | 4714.5 | 4704.7 | 4546.0 | 4474.4 | 4408.6 | 4327.3 | 4081.5 | 3920.9 |
| 30°   | 4875.1 | 4770.5 | 4751.2 | 4751.2 | 4726.1 | 4571.2 | 4491.9 | 4422.1 | 4331.2 | 4083.5 | 3911.3 |
| 32.5° | 4793.7 | 4687.3 | 4666.1 | 4667.9 | 4627.4 | 4482.1 | 4396.9 | 4325.4 | 4230.6 | 3986.8 | 3808.6 |
| 35°   | 4611.8 | 4509.2 | 4489.9 | 4491.9 | 4441.6 | 4306.1 | 4217.0 | 4147.4 | 4046.7 | 3814.5 | 3632.6 |
| 37.5° | 4350.5 | 4253.8 | 4234.5 | 4238.3 | 4176.3 | 4054.4 | 3963.6 | 3897.7 | 3795.1 | 3580.3 | 3402.2 |
| 40°   | 4013.9 | 3920.9 | 3903.6 | 3905.4 | 3837.7 | 3731.3 | 3642.3 | 3580.3 | 3477.7 | 3286.2 | 3115.9 |
| 42.5° | 3605.5 | 3516.4 | 3502.9 | 3500.9 | 3435.2 | 3338.3 | 3251.4 | 3199.1 | 3094.5 | 2941.7 | 2779.1 |
| 45°   | 3112.0 | 3036.5 | 2976.5 | 3017.2 | 2949.4 | 2871.9 | 2790.7 | 2748.1 | 2649.5 | 2541.0 | 2395.9 |
| 47.5° | 2556.5 | 2490.7 | 2430.7 | 2469.4 | 2407.5 | 2349.5 | 2277.9 | 2250.8 | 2161.7 | 2105.6 | 1983.7 |
| 50°   | 1985.7 | 1929.5 | 1875.2 | 1908.2 | 1859.9 | 1821.1 | 1764.9 | 1751.5 | 1678.0 | 1670.1 | 1575.4 |
| 52.5° | 1474.7 | 1434.0 | 1391.5 | 1416.7 | 1379.9 | 1354.7 | 1312.1 | 1308.3 | 1252.1 | 1271.6 | 1205.7 |
| 55°   | 1066.3 | 1037.4 | 1004.4 | 1023.8 | 996.7  | 981.2  | 950.3  | 952.2  | 909.6  | 938.7  | 892.1  |
| 57.5° | 754.8  | 731.6  | 708.3  | 719.9  | 702.5  | 690.9  | 669.7  | 673.5  | 663.8  | 673.5  | 640.6  |
| 60°   | 512.8  | 499.2  | 481.9  | 491.6  | 476.0  | 470.3  | 456.8  | 458.7  | 435.5  | 466.4  | 443.2  |
| 62.5° | 336.8  | 327.0  | 327.0  | 321.3  | 309.7  | 305.8  | 298.1  | 298.1  | 284.5  | 307.7  | 292.2  |
| 65°   | 209.0  | 205.1  | 203.1  | 199.4  | 191.5  | 189.7  | 183.8  | 183.8  | 174.2  | 191.5  | 179.9  |
| 67.5° | 123.9  | 121.9  | 120.0  | 118.0  | 112.3  | 110.3  | 108.3  | 106.4  | 100.7  | 112.3  | 104.6  |
| 70°   | 67.7   | 67.7   | 65.9   | 63.9   | 60.0   | 60.0   | 58.0   | 58.0   | 54.2   | 60.0   | 54.2   |
| 72.5° | 32.9   | 32.9   | 30.9   | 30.9   | 29.1   | 29.1   | 27.1   | 27.1   | 25.2   | 29.1   | 25.2   |
| 75°   | 15.5   | 15.5   | 13.6   | 13.6   | 13.6   | 13.6   | 11.6   | 11.6   | 11.6   | 13.6   | 11.6   |
| 77.5° | 7.7    | 7.7    | 7.7    | 7.7    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    |
| 80°   | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 2.0    | 2.0    | 2.0    | 2.0    | 3.9    | 3.9    |
| 82.5° | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    | 3.9    |
| 85°   | 5.9    | 5.9    | 5.9    | 5.9    | 7.7    | 5.9    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    |
| 87.5° | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 9.6    | 9.6    | 9.6    | 7.7    | 9.6    | 7.7    |
| 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°    | 67.5°  | 90°   | 112.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 0°    | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4  | 826.4 | 826.4  |
| 2.5°  | 1041.1 | 1025.8 | 1031.5 | 1014.2 | 1000.6 | 994.7  | 994.7  | 992.8  | 901.9  | 810.9 | 747.0  |
| 5°    | 1302.4 | 1273.4 | 1277.3 | 1246.4 | 1232.8 | 1213.4 | 1207.7 | 1182.5 | 985.1  | 803.2 | 679.3  |
| 7.5°  | 1612.1 | 1569.5 | 1544.3 | 1515.4 | 1497.9 | 1463.1 | 1445.6 | 1395.4 | 1062.5 | 787.7 | 613.5  |
| 10°   | 1945.0 | 1885.0 | 1844.3 | 1797.9 | 1780.4 | 1726.4 | 1693.3 | 1608.2 | 1130.2 | 762.5 | 551.5  |
| 12.5° | 2305.0 | 2223.6 | 2150.1 | 2099.8 | 2078.5 | 1973.9 | 1952.7 | 1830.8 | 1192.1 | 739.3 | 501.2  |
| 15°   | 2674.5 | 2572.0 | 2479.1 | 2407.5 | 2380.4 | 2277.9 | 2212.0 | 2049.4 | 1246.4 | 718.1 | 462.5  |
| 17.5° | 3003.6 | 2893.3 | 2781.1 | 2688.1 | 2649.5 | 2504.2 | 2442.3 | 2241.1 | 1286.9 | 696.7 | 441.2  |
| 20°   | 3295.8 | 3162.3 | 3044.2 | 2916.5 | 2871.9 | 2707.5 | 2606.9 | 2390.2 | 1310.1 | 683.1 | 443.2  |
| 22.5° | 3518.4 | 3365.4 | 3230.0 | 3086.8 | 3030.8 | 2850.7 | 2736.5 | 2492.6 | 1318.0 | 673.5 | 456.8  |
| 25°   | 3681.0 | 3510.6 | 3359.7 | 3202.9 | 3137.1 | 2945.5 | 2819.8 | 2556.5 | 1316.0 | 667.7 | 462.5  |
| 27.5° | 3764.2 | 3582.3 | 3419.7 | 3251.4 | 3179.6 | 2982.2 | 2846.8 | 2570.1 | 1288.9 | 644.5 | 462.5  |
| 30°   | 3752.6 | 3560.9 | 3390.6 | 3216.4 | 3139.1 | 2943.7 | 2804.3 | 2517.8 | 1230.9 | 601.9 | 429.6  |
| 32.5° | 3650.0 | 3454.5 | 3280.3 | 3106.1 | 3028.8 | 2837.1 | 2697.9 | 2411.4 | 1147.7 | 545.8 | 385.2  |
| 35°   | 3479.7 | 3286.2 | 3113.9 | 2943.7 | 2866.2 | 2680.4 | 2544.9 | 2266.3 | 1052.7 | 485.7 | 344.5  |
| 37.5° | 3257.1 | 3069.3 | 2903.0 | 2748.1 | 2659.1 | 2484.9 | 2353.4 | 2094.0 | 948.3  | 431.6 | 309.7  |
| 40°   | 2980.4 | 2802.3 | 2645.6 | 2502.3 | 2407.5 | 2246.8 | 2126.9 | 1890.8 | 838.0  | 375.4 | 276.7  |
| 42.5° | 2661.1 | 2494.6 | 2366.8 | 2223.6 | 2117.3 | 1975.9 | 1871.5 | 1666.2 | 725.7  | 325.2 | 241.9  |
| 45°   | 2299.1 | 2152.1 | 2041.8 | 1915.9 | 1805.6 | 1685.7 | 1596.6 | 1430.2 | 611.5  | 270.9 | 209.0  |
| 47.5° | 1910.2 | 1788.3 | 1703.0 | 1598.6 | 1490.2 | 1393.5 | 1323.7 | 1190.2 | 503.2  | 226.5 | 178.1  |
| 50°   | 1527.0 | 1430.2 | 1368.3 | 1288.9 | 1190.2 | 1116.6 | 1062.5 | 973.5  | 398.7  | 183.8 | 149.0  |
| 52.5° | 1174.7 | 1105.0 | 1062.5 | 1004.4 | 917.3  | 866.9  | 828.4  | 766.4  | 303.8  | 149.0 | 120.0  |
| 55°   | 876.7  | 826.4  | 799.3  | 758.6  | 683.1  | 648.3  | 623.1  | 584.4  | 226.5  | 118.0 | 92.8   |
| 57.5° | 632.9  | 599.9  | 582.6  | 555.5  | 493.5  | 472.3  | 454.8  | 431.6  | 164.6  | 91.0  | 67.7   |
| 60°   | 441.2  | 418.0  | 408.4  | 390.9  | 340.6  | 327.0  | 303.8  | 303.8  | 116.2  | 65.9  | 46.4   |
| 62.5° | 292.2  | 276.7  | 272.9  | 259.3  | 220.6  | 212.9  | 207.1  | 203.1  | 79.4   | 44.5  | 27.1   |
| 65°   | 181.9  | 170.3  | 168.3  | 160.6  | 133.5  | 129.6  | 123.9  | 123.9  | 50.3   | 27.1  | 13.6   |
| 67.5° | 104.6  | 98.7   | 96.7   | 92.8   | 73.5   | 71.6   | 67.7   | 71.6   | 29.1   | 13.6  | 5.9    |
| 70°   | 56.1   | 50.3   | 50.3   | 48.4   | 36.8   | 34.8   | 32.9   | 34.8   | 15.5   | 7.7   | 3.9    |
| 72.5° | 27.1   | 23.2   | 23.2   | 21.2   | 15.5   | 15.5   | 13.6   | 17.5   | 7.7    | 3.9   | 3.9    |
| 75°   | 11.6   | 11.6   | 9.6    | 9.6    | 5.9    | 5.9    | 5.9    | 7.7    | 3.9    | 3.9   | 3.9    |
| 77.5° | 5.9    | 5.9    | 5.9    | 5.9    | 2.0    | 2.0    | 2.0    | 3.9    | 3.9    | 3.9   | 3.9    |
| 80°   | 3.9    | 3.9    | 3.9    | 3.9    | 0.0    | 0.0    | 0.0    | 3.9    | 3.9    | 3.9   | 3.9    |
| 82.5° | 3.9    | 2.0    | 2.0    | 2.0    | 0.0    | 0.0    | 0.0    | 2.0    | 3.9    | 3.9   | 3.9    |
| 85°   | 5.9    | 5.9    | 5.9    | 5.9    | 3.9    | 3.9    | 3.9    | 5.9    | 3.9    | 3.9   | 3.9    |
| 87.5° | 7.7    | 7.7    | 7.7    | 7.7    | 5.9    | 5.9    | 5.9    | 9.6    | 5.9    | 3.9   | 3.9    |
| 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):**

|       | 135°  | 157.5° | 180°  |
|-------|-------|--------|-------|
| 0°    | 826.4 | 826.4  | 826.4 |
| 2.5°  | 692.9 | 652.2  | 656.1 |
| 5°    | 588.3 | 530.3  | 524.4 |
| 7.5°  | 497.4 | 435.5  | 427.7 |
| 10°   | 425.7 | 363.8  | 354.1 |
| 12.5° | 373.6 | 317.4  | 307.7 |
| 15°   | 340.6 | 290.2  | 282.6 |
| 17.5° | 334.8 | 296.1  | 292.2 |
| 20°   | 358.0 | 338.6  | 342.5 |
| 22.5° | 398.7 | 392.9  | 402.5 |
| 25°   | 425.7 | 423.9  | 435.5 |
| 27.5° | 420.0 | 416.1  | 423.9 |
| 30°   | 388.9 | 383.2  | 387.1 |
| 32.5° | 352.2 | 342.5  | 346.4 |
| 35°   | 315.4 | 307.7  | 309.7 |
| 37.5° | 284.5 | 278.6  | 278.6 |
| 40°   | 257.4 | 251.7  | 251.7 |
| 42.5° | 228.3 | 224.5  | 226.5 |
| 45°   | 197.4 | 195.5  | 199.4 |
| 47.5° | 166.4 | 164.6  | 168.3 |
| 50°   | 137.4 | 133.5  | 133.5 |
| 52.5° | 108.3 | 102.6  | 98.7  |
| 55°   | 79.4  | 69.6   | 65.9  |
| 57.5° | 54.2  | 44.5   | 40.7  |
| 60°   | 30.9  | 25.2   | 21.2  |
| 62.5° | 15.5  | 9.6    | 7.7   |
| 65°   | 5.9   | 3.9    | 2.0   |
| 67.5° | 3.9   | 2.0    | 2.0   |
| 70°   | 3.9   | 2.0    | 2.0   |
| 72.5° | 2.0   | 2.0    | 2.0   |
| 75°   | 2.0   | 2.0    | 0.0   |
| 77.5° | 2.0   | 2.0    | 2.0   |
| 80°   | 2.0   | 2.0    | 0.0   |
| 82.5° | 2.0   | 2.0    | 0.0   |
| 85°   | 2.0   | 2.0    | 0.0   |
| 87.5° | 2.0   | 2.0    | 0.0   |
| 90°   | 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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Peachtree City, GA 30269

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1121 Highway 74 South

Peachtree City, GA 30269



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

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(END OF REPORT)