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

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: McGRAW-EDISON

Report Number: P1364496

Luminaire Tested: **GSS-SB5B-940-U-SLR**

Issue Date: 02/18/2026

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364496 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB5B-940-U-SLR |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 90CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC |
| Light Source: | (130) 4000K CCT, 90 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

Luminaire Equipment:

| Sample No. | Condition | Description |
|---|---|---|
| a | good | reflector |
| b | good | lens |
| c | good | housing |
| d | good | cord |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 18850.9 lumens |
| Efficiency: | N/A |
| Efficacy: | 102.5 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B3 - U0 - G3 |

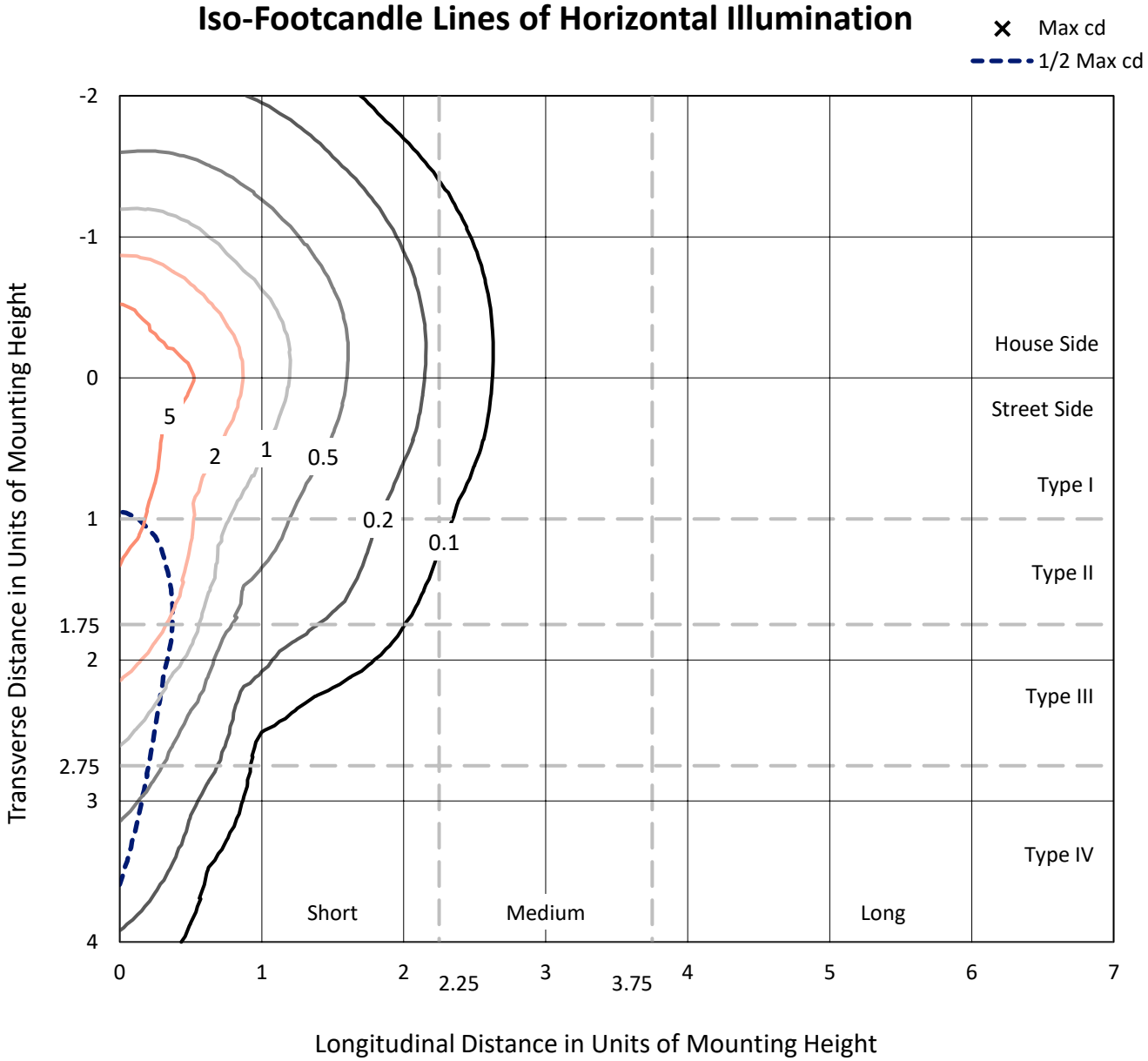
| | |
|---|---|
| Input Watts (W): | 184 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 11.1% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



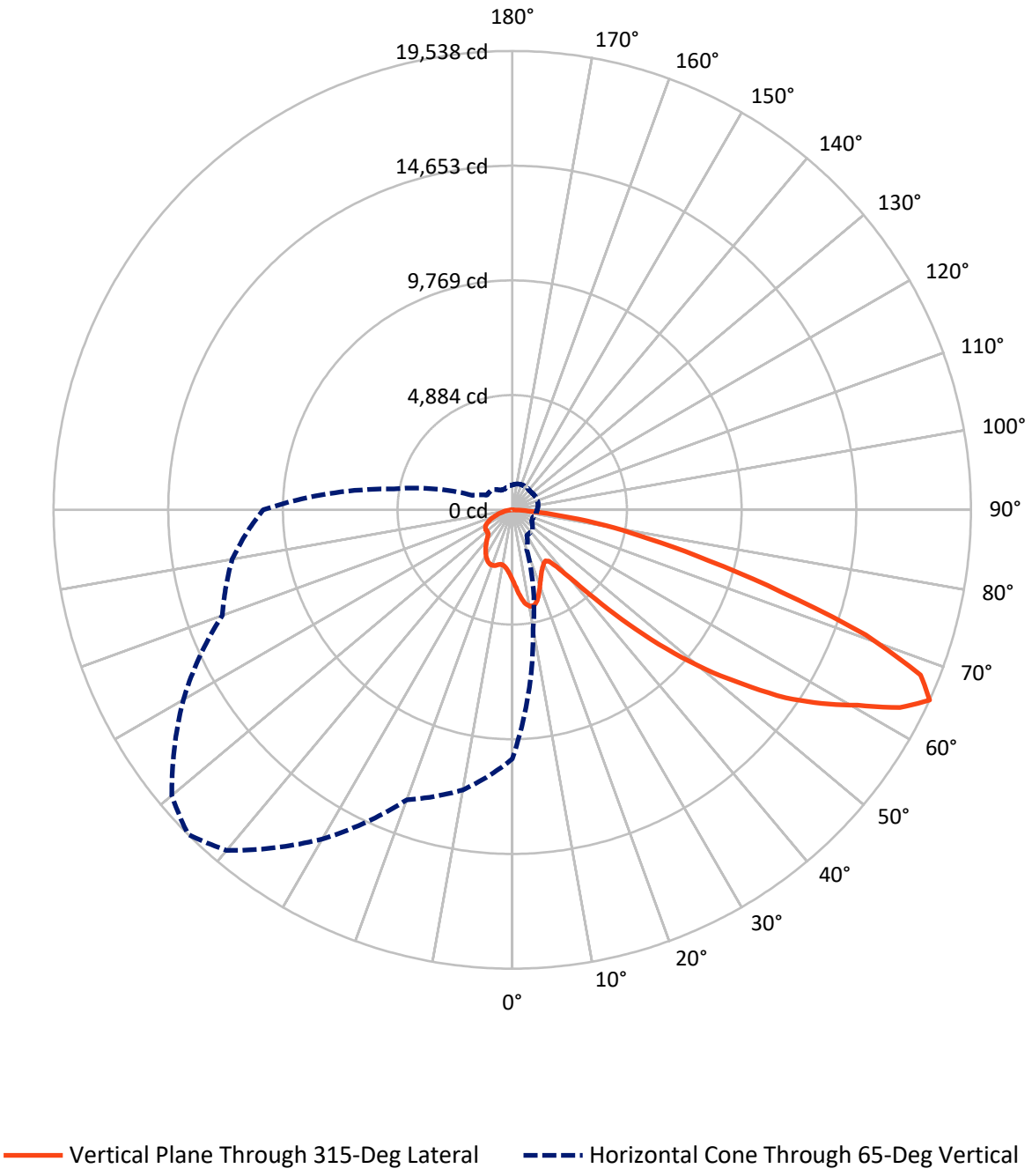

Based on 20 foot mounting height. Maximum calculated value = 9 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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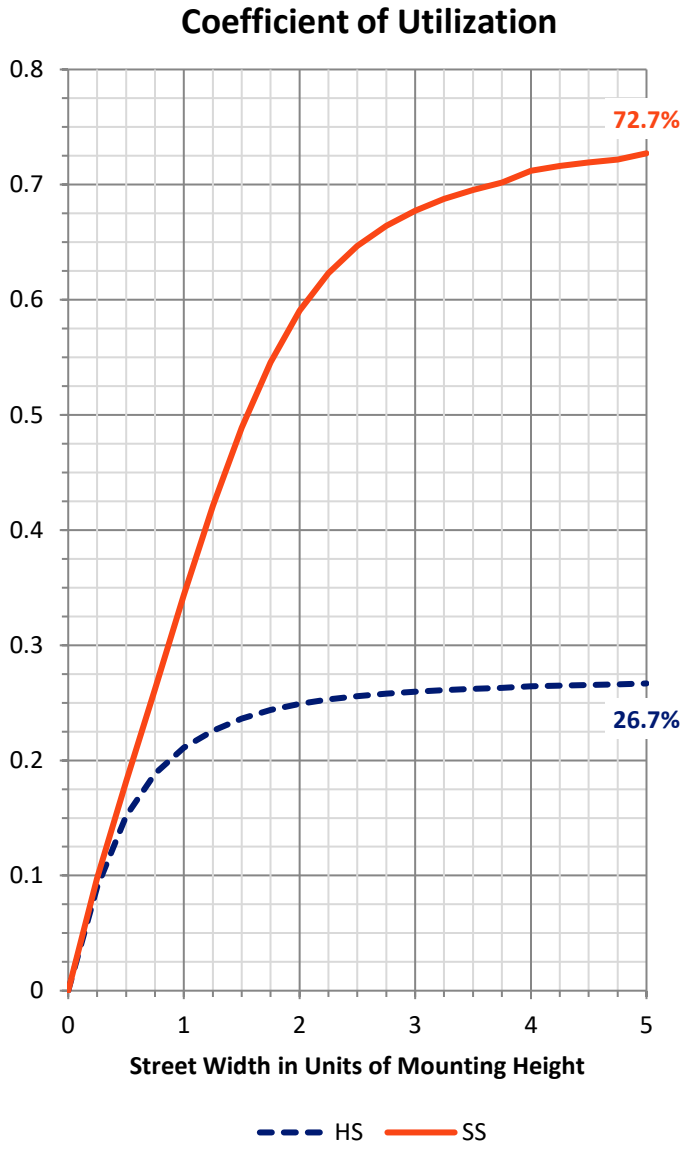
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 5071.3 | 0.0 | 5071.3 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 13779.6 | 0.0 | 13779.6 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 18850.9 | 0.0 | 18850.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 296.8 | 1.6 |
| 10°-20° | 909.5 | 4.8 |
| 20°-30° | 1407.7 | 7.5 |
| 30°-40° | 1746.5 | 9.3 |
| 40°-50° | 2553.9 | 13.5 |
| 50°-60° | 4000.3 | 21.2 |
| 60°-70° | 4746.6 | 25.2 |
| 70°-80° | 2768.5 | 14.7 |
| 80°-90° | 421.2 | 2.2 |
| 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°-90° | 18850.9 | 100.0 |
| 0°-180° | 18850.9 | 100.0 |



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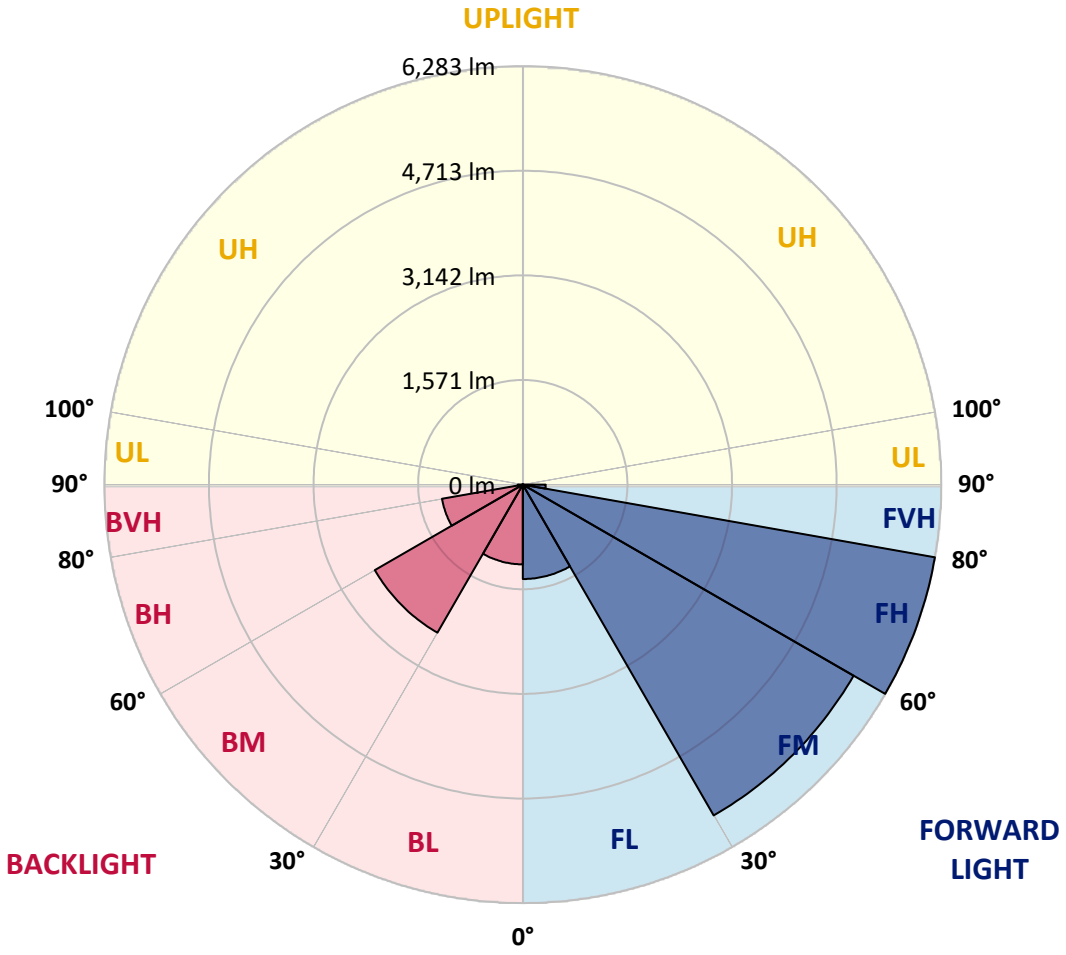
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1416.8 | 7.5 | | | |
| FM | (30°-60°) | 5734.8 | 30.4 | | | |
| FH | (60°-80°) | 6283.5 | 33.3 | | | G3/7500 |
| FVH | (80°-90°) | 344.5 | 1.8 | | | G3/500 |
| BL | (0°-30°) | 1197.2 | 6.4 | B3/2500 | | |
| BM | (30°-60°) | 2565.8 | 13.6 | B3/5000 | | |
| BH | (60°-80°) | 1231.6 | 6.5 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 76.7 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B3-U0-G3**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 |
| 2.5° | 3247.8 | 3218.3 | 3189.3 | 3162.6 | 3135.8 | 3109.1 | 3081.9 | 3056.1 | 3029.8 | 3003.5 | 2980.5 |
| 5° | 3469.1 | 3417.0 | 3365.4 | 3311.0 | 3257.1 | 3204.0 | 3151.0 | 3100.8 | 3051.0 | 2998.9 | 2954.2 |
| 7.5° | 3692.7 | 3605.1 | 3517.5 | 3435.0 | 3352.5 | 3278.7 | 3205.0 | 3139.0 | 3072.7 | 3003.5 | 2949.6 |
| 10° | 3833.3 | 3728.7 | 3623.6 | 3521.2 | 3418.4 | 3327.6 | 3236.3 | 3160.2 | 3084.2 | 3010.4 | 2952.8 |
| 12.5° | 3904.8 | 3800.6 | 3696.4 | 3581.6 | 3466.8 | 3364.9 | 3263.1 | 3179.2 | 3095.7 | 3015.0 | 2958.8 |
| 15° | 3939.4 | 3833.8 | 3728.7 | 3612.0 | 3495.4 | 3385.7 | 3275.5 | 3181.0 | 3086.5 | 2996.6 | 2946.8 |
| 17.5° | 3948.6 | 3849.9 | 3751.7 | 3627.3 | 3502.8 | 3377.4 | 3252.5 | 3142.3 | 3032.5 | 2927.4 | 2885.0 |
| 20° | 3978.5 | 3879.0 | 3779.4 | 3645.7 | 3512.0 | 3364.9 | 3217.9 | 3073.1 | 2928.4 | 2789.1 | 2762.4 |
| 22.5° | 4010.8 | 3919.5 | 3828.7 | 3681.7 | 3535.1 | 3355.3 | 3175.5 | 2993.8 | 2812.2 | 2646.2 | 2620.9 |
| 25° | 4061.5 | 3982.7 | 3903.9 | 3743.4 | 3583.0 | 3354.3 | 3125.7 | 2899.3 | 2673.0 | 2482.6 | 2480.3 |
| 27.5° | 4135.3 | 4074.9 | 4014.5 | 3833.8 | 3653.5 | 3363.1 | 3072.7 | 2802.5 | 2531.9 | 2337.3 | 2348.9 |
| 30° | 4239.0 | 4191.5 | 4144.5 | 3940.7 | 3736.5 | 3382.0 | 3027.9 | 2718.1 | 2408.8 | 2219.8 | 2232.2 |
| 32.5° | 4365.8 | 4336.3 | 4306.8 | 4066.6 | 3826.4 | 3403.2 | 2980.5 | 2644.4 | 2308.8 | 2134.5 | 2134.5 |
| 35° | 4580.2 | 4543.3 | 4506.4 | 4200.3 | 3894.6 | 3398.1 | 2902.1 | 2560.5 | 2218.4 | 2083.8 | 2055.2 |
| 37.5° | 4852.2 | 4808.4 | 4764.6 | 4363.5 | 3962.4 | 3383.8 | 2805.3 | 2467.3 | 2129.9 | 2023.9 | 1969.5 |
| 40° | 5253.3 | 5167.0 | 5080.4 | 4550.2 | 4020.0 | 3351.6 | 2683.1 | 2356.2 | 2029.4 | 1945.5 | 1877.2 |
| 42.5° | 5815.7 | 5633.1 | 5450.1 | 4756.7 | 4062.5 | 3295.8 | 2528.7 | 2223.9 | 1918.7 | 1860.2 | 1775.8 |
| 45° | 6514.1 | 6221.4 | 5928.6 | 5037.0 | 4145.4 | 3257.5 | 2369.6 | 2089.3 | 1809.5 | 1756.5 | 1672.6 |
| 47.5° | 7182.6 | 6811.9 | 6441.3 | 5325.2 | 4209.1 | 3212.8 | 2216.6 | 1955.6 | 1695.6 | 1634.3 | 1555.9 |
| 50° | 7957.1 | 7454.6 | 6952.1 | 5576.4 | 4200.8 | 3136.7 | 2072.3 | 1836.7 | 1600.6 | 1516.7 | 1439.3 |
| 52.5° | 8950.6 | 8152.6 | 7354.1 | 5695.4 | 4036.2 | 2980.9 | 1926.1 | 1729.7 | 1534.3 | 1426.8 | 1343.9 |
| 55° | 10137.7 | 8853.8 | 7569.8 | 5664.0 | 3758.2 | 2774.4 | 1789.7 | 1640.3 | 1490.0 | 1383.0 | 1285.3 |
| 57.5° | 11347.9 | 9442.5 | 7537.6 | 5493.0 | 3448.4 | 2558.2 | 1667.9 | 1564.7 | 1461.4 | 1371.5 | 1251.7 |
| 60° | 12256.1 | 9706.2 | 7155.9 | 5083.1 | 3010.4 | 2284.8 | 1559.1 | 1486.8 | 1414.4 | 1343.9 | 1224.0 |
| 62.5° | 11880.3 | 9121.2 | 6362.0 | 4411.4 | 2460.9 | 1938.1 | 1415.3 | 1374.7 | 1334.6 | 1304.7 | 1190.3 |
| 65° | *10612.5* | *7867.2* | *5121.9* | *3460.4* | *1798.9* | *1523.2* | *1247.0* | *1238.3* | *1230.0* | *1221.7* | *1127.2* |
| 67.5° | 9423.1 | 6756.6 | 4090.1 | 2692.8 | 1295.4 | 1164.5 | 1033.6 | 1058.0 | 1082.5 | 1094.9 | 1030.4 |
| 70° | 8284.4 | 5740.1 | 3195.7 | 2063.5 | 931.2 | 885.1 | 839.0 | 875.5 | 911.9 | 908.2 | 876.8 |
| 72.5° | 7111.1 | 4766.4 | 2421.2 | 1551.3 | 681.4 | 680.5 | 680.0 | 707.7 | 735.3 | 698.4 | 718.3 |
| 75° | 5822.6 | 3805.7 | 1788.7 | 1149.8 | 510.8 | 507.6 | 504.8 | 537.5 | 570.7 | 585.5 | 598.4 |
| 77.5° | 3872.5 | 2496.9 | 1121.2 | 743.2 | 365.1 | 367.9 | 369.7 | 405.7 | 441.7 | 484.1 | 486.4 |
| 80° | 2272.8 | 1431.4 | 590.1 | 410.8 | 231.4 | 234.2 | 236.0 | 273.8 | 311.2 | 371.1 | 368.8 |
| 82.5° | 1136.4 | 717.3 | 298.7 | 220.8 | 142.9 | 143.4 | 143.8 | 162.3 | 180.7 | 214.4 | 223.6 |
| 85° | 258.2 | 170.6 | 83.0 | 70.1 | 57.6 | 60.4 | 63.6 | 75.6 | 87.6 | 106.0 | 111.6 |
| 87.5° | 20.7 | 20.3 | 19.4 | 18.9 | 18.4 | 19.4 | 20.7 | 23.1 | 25.4 | 27.7 | 32.3 |
| 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):**

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 |
| 2.5° | 2955.6 | 2931.1 | 2911.8 | 2892.9 | 2876.3 | 2859.2 | 2839.4 | 2819.1 | 2804.8 | 2790.1 | 2780.4 |
| 5° | 2909.9 | 2866.6 | 2830.6 | 2794.7 | 2765.2 | 2734.7 | 2708.0 | 2680.8 | 2659.6 | 2637.9 | 2620.4 |
| 7.5° | 2895.6 | 2842.1 | 2795.6 | 2748.6 | 2708.9 | 2669.3 | 2636.1 | 2602.4 | 2570.6 | 2539.3 | 2519.0 |
| 10° | 2896.1 | 2839.8 | 2791.9 | 2744.0 | 2702.0 | 2660.0 | 2616.3 | 2572.5 | 2537.4 | 2502.4 | 2472.0 |
| 12.5° | 2911.8 | 2865.2 | 2831.5 | 2798.4 | 2759.6 | 2720.9 | 2668.8 | 2616.3 | 2568.8 | 2521.7 | 2484.4 |
| 15° | 2916.4 | 2885.9 | 2883.2 | 2880.4 | 2867.0 | 2853.7 | 2805.3 | 2756.9 | 2691.4 | 2625.5 | 2572.0 |
| 17.5° | 2880.9 | 2876.7 | 2922.4 | 2968.0 | 2994.3 | 3020.6 | 2986.9 | 2952.8 | 2860.6 | 2768.4 | 2688.6 |
| 20° | 2788.7 | 2814.5 | 2903.9 | 2992.9 | 3063.9 | 3134.9 | 3131.2 | 3128.0 | 3007.7 | 2886.9 | 2782.2 |
| 22.5° | 2659.6 | 2697.9 | 2814.5 | 2931.1 | 3033.5 | 3135.8 | 3162.1 | 3187.9 | 3069.9 | 2951.4 | 2822.3 |
| 25° | 2522.2 | 2564.2 | 2672.0 | 2779.9 | 2890.1 | 3000.3 | 3049.1 | 3098.0 | 3000.7 | 2903.5 | 2778.1 |
| 27.5° | 2389.0 | 2429.5 | 2509.8 | 2590.0 | 2678.5 | 2767.0 | 2821.9 | 2876.7 | 2817.3 | 2757.8 | 2656.4 |
| 30° | 2263.6 | 2294.9 | 2353.0 | 2411.1 | 2471.0 | 2531.0 | 2574.8 | 2618.6 | 2579.4 | 2540.2 | 2467.3 |
| 32.5° | 2147.9 | 2161.2 | 2199.0 | 2236.8 | 2281.6 | 2325.8 | 2350.2 | 2374.2 | 2343.8 | 2313.4 | 2265.4 |
| 35° | 2044.1 | 2033.1 | 2058.0 | 2082.9 | 2118.8 | 2155.2 | 2173.7 | 2192.1 | 2166.8 | 2141.4 | 2098.5 |
| 37.5° | 1939.9 | 1909.5 | 1921.5 | 1932.6 | 1963.5 | 1993.9 | 2020.2 | 2046.9 | 2028.5 | 2010.0 | 1973.6 |
| 40° | 1833.0 | 1788.7 | 1787.8 | 1786.4 | 1815.9 | 1845.0 | 1878.2 | 1910.9 | 1907.7 | 1904.0 | 1869.4 |
| 42.5° | 1719.6 | 1663.3 | 1657.3 | 1651.4 | 1680.4 | 1709.4 | 1744.5 | 1779.5 | 1786.4 | 1793.3 | 1764.8 |
| 45° | 1614.5 | 1557.3 | 1548.1 | 1538.9 | 1563.8 | 1589.6 | 1627.8 | 1666.6 | 1682.7 | 1698.8 | 1673.0 |
| 47.5° | 1506.6 | 1456.8 | 1451.3 | 1445.3 | 1471.6 | 1498.3 | 1540.7 | 1583.6 | 1600.6 | 1618.2 | 1600.6 |
| 50° | 1398.7 | 1357.7 | 1364.6 | 1371.5 | 1400.6 | 1429.1 | 1462.3 | 1496.0 | 1527.8 | 1559.1 | 1555.9 |
| 52.5° | 1313.4 | 1282.5 | 1304.2 | 1325.4 | 1351.7 | 1378.4 | 1413.0 | 1447.6 | 1480.8 | 1514.4 | 1519.5 |
| 55° | 1251.2 | 1217.1 | 1247.5 | 1277.9 | 1309.7 | 1341.5 | 1373.8 | 1406.1 | 1437.4 | 1468.3 | 1475.2 |
| 57.5° | 1203.7 | 1156.2 | 1186.6 | 1217.1 | 1251.7 | 1286.2 | 1318.5 | 1350.8 | 1387.2 | 1423.6 | 1429.1 |
| 60° | 1164.1 | 1104.1 | 1124.4 | 1144.2 | 1179.7 | 1214.8 | 1248.4 | 1281.6 | 1318.5 | 1355.4 | 1362.8 |
| 62.5° | 1112.0 | 1033.6 | 1036.4 | 1038.2 | 1078.3 | 1118.0 | 1145.6 | 1173.3 | 1208.3 | 1243.8 | 1254.4 |
| 65° | *1042.8* | *958.9* | *949.7* | *940.5* | *978.3* | *1016.5* | *1038.2* | *1060.3* | *1090.8* | *1121.2* | *1131.8* |
| 67.5° | 956.1 | 881.5 | 862.6 | 843.7 | 878.7 | 913.7 | 931.7 | 949.7 | 970.4 | 991.2 | 1003.2 |
| 70° | 832.6 | 788.3 | 776.3 | 764.4 | 792.9 | 821.5 | 837.2 | 852.9 | 869.5 | 886.1 | 892.5 |
| 72.5° | 708.1 | 698.4 | 689.7 | 681.4 | 703.0 | 724.7 | 738.1 | 751.5 | 767.1 | 782.8 | 786.5 |
| 75° | 592.9 | 587.8 | 581.3 | 575.3 | 591.9 | 608.5 | 618.7 | 629.3 | 645.4 | 661.6 | 668.5 |
| 77.5° | 474.4 | 461.9 | 455.5 | 448.1 | 463.3 | 478.5 | 488.2 | 497.9 | 511.3 | 524.6 | 526.5 |
| 80° | 354.1 | 338.8 | 333.8 | 328.2 | 339.3 | 350.4 | 354.1 | 357.3 | 368.3 | 379.0 | 379.0 |
| 82.5° | 223.6 | 223.6 | 220.4 | 216.7 | 214.4 | 212.1 | 207.5 | 202.8 | 213.9 | 225.0 | 228.7 |
| 85° | 112.5 | 112.9 | 107.9 | 102.3 | 95.9 | 88.5 | 87.1 | 85.3 | 84.8 | 83.9 | 87.1 |
| 87.5° | 35.0 | 37.8 | 40.6 | 42.4 | 45.2 | 47.0 | 45.6 | 43.8 | 42.0 | 40.6 | 36.9 |
| 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):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 |
| 2.5° | 2770.7 | 2766.1 | 2761.5 | 2757.8 | 2754.6 | 2752.3 | 2754.6 | 2757.8 | 2761.5 | 2766.1 | 2770.7 |
| 5° | 2602.4 | 2595.0 | 2587.2 | 2582.1 | 2577.1 | 2572.5 | 2577.1 | 2582.1 | 2587.2 | 2595.0 | 2602.4 |
| 7.5° | 2498.7 | 2486.7 | 2474.7 | 2466.0 | 2457.2 | 2452.6 | 2457.2 | 2466.0 | 2474.7 | 2486.7 | 2498.7 |
| 10° | 2442.5 | 2425.4 | 2408.8 | 2399.6 | 2390.4 | 2383.4 | 2390.4 | 2399.6 | 2408.8 | 2425.4 | 2442.5 |
| 12.5° | 2447.1 | 2425.9 | 2405.6 | 2391.7 | 2377.9 | 2369.6 | 2377.9 | 2391.7 | 2405.6 | 2425.9 | 2447.1 |
| 15° | 2518.1 | 2488.6 | 2458.1 | 2441.1 | 2424.0 | 2411.1 | 2424.0 | 2441.1 | 2458.1 | 2488.6 | 2518.1 |
| 17.5° | 2609.3 | 2566.0 | 2522.7 | 2507.5 | 2491.8 | 2484.9 | 2491.8 | 2507.5 | 2522.7 | 2566.0 | 2609.3 |
| 20° | 2677.6 | 2619.5 | 2562.3 | 2539.3 | 2516.2 | 2507.9 | 2516.2 | 2539.3 | 2562.3 | 2619.5 | 2677.6 |
| 22.5° | 2693.2 | 2625.0 | 2556.3 | 2534.7 | 2512.5 | 2503.3 | 2512.5 | 2534.7 | 2556.3 | 2625.0 | 2693.2 |
| 25° | 2653.1 | 2581.2 | 2508.8 | 2486.7 | 2464.1 | 2457.2 | 2464.1 | 2486.7 | 2508.8 | 2581.2 | 2653.1 |
| 27.5° | 2554.9 | 2491.3 | 2427.2 | 2403.7 | 2379.8 | 2365.0 | 2379.8 | 2403.7 | 2427.2 | 2491.3 | 2554.9 |
| 30° | 2395.0 | 2347.5 | 2300.5 | 2285.7 | 2270.5 | 2263.6 | 2270.5 | 2285.7 | 2300.5 | 2347.5 | 2395.0 |
| 32.5° | 2217.5 | 2188.0 | 2158.5 | 2148.8 | 2139.1 | 2134.5 | 2139.1 | 2148.8 | 2158.5 | 2188.0 | 2217.5 |
| 35° | 2056.1 | 2034.9 | 2013.7 | 2005.9 | 1998.5 | 1991.6 | 1998.5 | 2005.9 | 2013.7 | 2034.9 | 2056.1 |
| 37.5° | 1937.2 | 1912.3 | 1886.5 | 1872.6 | 1858.8 | 1848.7 | 1858.8 | 1872.6 | 1886.5 | 1912.3 | 1937.2 |
| 40° | 1834.8 | 1798.9 | 1763.4 | 1744.5 | 1725.1 | 1715.0 | 1725.1 | 1744.5 | 1763.4 | 1798.9 | 1834.8 |
| 42.5° | 1735.7 | 1694.2 | 1652.7 | 1623.7 | 1595.1 | 1576.7 | 1595.1 | 1623.7 | 1652.7 | 1694.2 | 1735.7 |
| 45° | 1646.7 | 1600.2 | 1553.6 | 1519.0 | 1484.5 | 1461.4 | 1484.5 | 1519.0 | 1553.6 | 1600.2 | 1646.7 |
| 47.5° | 1583.6 | 1543.5 | 1502.9 | 1472.5 | 1442.1 | 1419.9 | 1442.1 | 1472.5 | 1502.9 | 1543.5 | 1583.6 |
| 50° | 1552.7 | 1520.9 | 1489.1 | 1460.5 | 1431.4 | 1410.7 | 1431.4 | 1460.5 | 1489.1 | 1520.9 | 1552.7 |
| 52.5° | 1525.0 | 1502.0 | 1478.9 | 1454.0 | 1429.1 | 1410.7 | 1429.1 | 1454.0 | 1478.9 | 1502.0 | 1525.0 |
| 55° | 1482.2 | 1465.6 | 1448.5 | 1430.1 | 1411.6 | 1396.9 | 1411.6 | 1430.1 | 1448.5 | 1465.6 | 1482.2 |
| 57.5° | 1434.7 | 1417.2 | 1399.2 | 1385.3 | 1371.5 | 1364.6 | 1371.5 | 1385.3 | 1399.2 | 1417.2 | 1434.7 |
| 60° | 1370.1 | 1356.3 | 1342.5 | 1329.6 | 1316.2 | 1304.7 | 1316.2 | 1329.6 | 1342.5 | 1356.3 | 1370.1 |
| 62.5° | 1265.5 | 1259.0 | 1253.0 | 1238.3 | 1224.0 | 1207.9 | 1224.0 | 1238.3 | 1253.0 | 1259.0 | 1265.5 |
| 65° | *1142.4* | *1139.2* | *1136.4* | *1125.8* | *1115.7* | *1097.2* | *1115.7* | *1125.8* | *1136.4* | *1139.2* | *1142.4* |
| 67.5° | 1015.2 | 1009.2 | 1002.7 | 991.6 | 981.0 | 977.3 | 981.0 | 991.6 | 1002.7 | 1009.2 | 1015.2 |
| 70° | 899.0 | 889.8 | 880.5 | 855.6 | 830.7 | 802.2 | 830.7 | 855.6 | 880.5 | 889.8 | 899.0 |
| 72.5° | 790.6 | 776.3 | 761.6 | 732.6 | 703.0 | 673.1 | 703.0 | 732.6 | 761.6 | 776.3 | 790.6 |
| 75° | 675.4 | 655.1 | 635.3 | 604.4 | 574.0 | 553.2 | 574.0 | 604.4 | 635.3 | 655.1 | 675.4 |
| 77.5° | 529.2 | 511.7 | 494.2 | 475.8 | 457.3 | 447.2 | 457.3 | 475.8 | 494.2 | 511.7 | 529.2 |
| 80° | 379.0 | 366.0 | 352.7 | 343.5 | 334.2 | 327.3 | 334.2 | 343.5 | 352.7 | 366.0 | 379.0 |
| 82.5° | 232.8 | 226.8 | 221.3 | 211.1 | 200.5 | 193.6 | 200.5 | 211.1 | 221.3 | 226.8 | 232.8 |
| 85° | 89.9 | 88.5 | 87.6 | 83.9 | 80.7 | 78.4 | 80.7 | 83.9 | 87.6 | 88.5 | 89.9 |
| 87.5° | 33.2 | 30.4 | 27.7 | 25.8 | 24.0 | 23.1 | 24.0 | 25.8 | 27.7 | 30.4 | 33.2 |
| 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

Scaled Data Report

REPORT NUMBER: P1364496
CATALOG NUMBER: GSS-SB5B-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 |
| 2.5° | 2780.4 | 2790.1 | 2804.8 | 2819.1 | 2839.4 | 2859.2 | 2876.3 | 2892.9 | 2911.8 | 2931.1 | 2955.6 |
| 5° | 2620.4 | 2637.9 | 2659.6 | 2680.8 | 2708.0 | 2734.7 | 2765.2 | 2794.7 | 2830.6 | 2866.6 | 2909.9 |
| 7.5° | 2519.0 | 2539.3 | 2570.6 | 2602.4 | 2636.1 | 2669.3 | 2708.9 | 2748.6 | 2795.6 | 2842.1 | 2895.6 |
| 10° | 2472.0 | 2502.4 | 2537.4 | 2572.5 | 2616.3 | 2660.0 | 2702.0 | 2744.0 | 2791.9 | 2839.8 | 2896.1 |
| 12.5° | 2484.4 | 2521.7 | 2568.8 | 2616.3 | 2668.8 | 2720.9 | 2759.6 | 2798.4 | 2831.5 | 2865.2 | 2911.8 |
| 15° | 2572.0 | 2625.5 | 2691.4 | 2756.9 | 2805.3 | 2853.7 | 2867.0 | 2880.4 | 2883.2 | 2885.9 | 2916.4 |
| 17.5° | 2688.6 | 2768.4 | 2860.6 | 2952.8 | 2986.9 | 3020.6 | 2994.3 | 2968.0 | 2922.4 | 2876.7 | 2880.9 |
| 20° | 2782.2 | 2886.9 | 3007.7 | 3128.0 | 3131.2 | 3134.9 | 3063.9 | 2992.9 | 2903.9 | 2814.5 | 2788.7 |
| 22.5° | 2822.3 | 2951.4 | 3069.9 | 3187.9 | 3162.1 | 3135.8 | 3033.5 | 2931.1 | 2814.5 | 2697.9 | 2659.6 |
| 25° | 2778.1 | 2903.5 | 3000.7 | 3098.0 | 3049.1 | 3000.3 | 2890.1 | 2779.9 | 2672.0 | 2564.2 | 2522.2 |
| 27.5° | 2656.4 | 2757.8 | 2817.3 | 2876.7 | 2821.9 | 2767.0 | 2678.5 | 2590.0 | 2509.8 | 2429.5 | 2389.0 |
| 30° | 2467.3 | 2540.2 | 2579.4 | 2618.6 | 2574.8 | 2531.0 | 2471.0 | 2411.1 | 2353.0 | 2294.9 | 2263.6 |
| 32.5° | 2265.4 | 2313.4 | 2343.8 | 2374.2 | 2350.2 | 2325.8 | 2281.6 | 2236.8 | 2199.0 | 2161.2 | 2147.9 |
| 35° | 2098.5 | 2141.4 | 2166.8 | 2192.1 | 2173.7 | 2155.2 | 2118.8 | 2082.9 | 2058.0 | 2033.1 | 2044.1 |
| 37.5° | 1973.6 | 2010.0 | 2028.5 | 2046.9 | 2020.2 | 1993.9 | 1963.5 | 1932.6 | 1921.5 | 1909.5 | 1939.9 |
| 40° | 1869.4 | 1904.0 | 1907.7 | 1910.9 | 1878.2 | 1845.0 | 1815.9 | 1786.4 | 1787.8 | 1788.7 | 1833.0 |
| 42.5° | 1764.8 | 1793.3 | 1786.4 | 1779.5 | 1744.5 | 1709.4 | 1680.4 | 1651.4 | 1657.3 | 1663.3 | 1719.6 |
| 45° | 1673.0 | 1698.8 | 1682.7 | 1666.6 | 1627.8 | 1589.6 | 1563.8 | 1538.9 | 1548.1 | 1557.3 | 1614.5 |
| 47.5° | 1600.6 | 1618.2 | 1600.6 | 1583.6 | 1540.7 | 1498.3 | 1471.6 | 1445.3 | 1451.3 | 1456.8 | 1506.6 |
| 50° | 1555.9 | 1559.1 | 1527.8 | 1496.0 | 1462.3 | 1429.1 | 1400.6 | 1371.5 | 1364.6 | 1357.7 | 1398.7 |
| 52.5° | 1519.5 | 1514.4 | 1480.8 | 1447.6 | 1413.0 | 1378.4 | 1351.7 | 1325.4 | 1304.2 | 1282.5 | 1313.4 |
| 55° | 1475.2 | 1468.3 | 1437.4 | 1406.1 | 1373.8 | 1341.5 | 1309.7 | 1277.9 | 1247.5 | 1217.1 | 1251.2 |
| 57.5° | 1429.1 | 1423.6 | 1387.2 | 1350.8 | 1318.5 | 1286.2 | 1251.7 | 1217.1 | 1186.6 | 1156.2 | 1203.7 |
| 60° | 1362.8 | 1355.4 | 1318.5 | 1281.6 | 1248.4 | 1214.8 | 1179.7 | 1144.2 | 1124.4 | 1104.1 | 1164.1 |
| 62.5° | 1254.4 | 1243.8 | 1208.3 | 1173.3 | 1145.6 | 1118.0 | 1078.3 | 1038.2 | 1036.4 | 1033.6 | 1112.0 |
| 65° | *1131.8* | *1121.2* | *1090.8* | *1060.3* | *1038.2* | *1016.5* | *978.3* | *940.5* | *949.7* | *958.9* | *1042.8* |
| 67.5° | 1003.2 | 991.2 | 970.4 | 949.7 | 931.7 | 913.7 | 878.7 | 843.7 | 862.6 | 881.5 | 956.1 |
| 70° | 892.5 | 886.1 | 869.5 | 852.9 | 837.2 | 821.5 | 792.9 | 764.4 | 776.3 | 788.3 | 832.6 |
| 72.5° | 786.5 | 782.8 | 767.1 | 751.5 | 738.1 | 724.7 | 703.0 | 681.4 | 689.7 | 698.4 | 708.1 |
| 75° | 668.5 | 661.6 | 645.4 | 629.3 | 618.7 | 608.5 | 591.9 | 575.3 | 581.3 | 587.8 | 592.9 |
| 77.5° | 526.5 | 524.6 | 511.3 | 497.9 | 488.2 | 478.5 | 463.3 | 448.1 | 455.5 | 461.9 | 474.4 |
| 80° | 379.0 | 379.0 | 368.3 | 357.3 | 354.1 | 350.4 | 339.3 | 328.2 | 333.8 | 338.8 | 354.1 |
| 82.5° | 228.7 | 225.0 | 213.9 | 202.8 | 207.5 | 212.1 | 214.4 | 216.7 | 220.4 | 223.6 | 223.6 |
| 85° | 87.1 | 83.9 | 84.8 | 85.3 | 87.1 | 88.5 | 95.9 | 102.3 | 107.9 | 112.9 | 112.5 |
| 87.5° | 36.9 | 40.6 | 42.0 | 43.8 | 45.6 | 47.0 | 45.2 | 42.4 | 40.6 | 37.8 | 35.0 |
| 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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364496
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**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 |
| 2.5° | 2980.5 | 3003.5 | 3029.8 | 3056.1 | 3081.9 | 3109.1 | 3135.8 | 3162.6 | 3189.3 | 3218.3 | 3247.8 |
| 5° | 2954.2 | 2998.9 | 3051.0 | 3100.8 | 3151.0 | 3204.0 | 3257.1 | 3311.0 | 3365.4 | 3417.0 | 3469.1 |
| 7.5° | 2949.6 | 3003.5 | 3072.7 | 3139.0 | 3205.0 | 3278.7 | 3352.5 | 3435.0 | 3517.5 | 3605.1 | 3692.7 |
| 10° | 2952.8 | 3010.4 | 3084.2 | 3160.2 | 3236.3 | 3327.6 | 3418.4 | 3521.2 | 3623.6 | 3728.7 | 3833.3 |
| 12.5° | 2958.8 | 3015.0 | 3095.7 | 3179.2 | 3263.1 | 3364.9 | 3466.8 | 3581.6 | 3696.4 | 3800.6 | 3904.8 |
| 15° | 2946.8 | 2996.6 | 3086.5 | 3181.0 | 3275.5 | 3385.7 | 3495.4 | 3612.0 | 3728.7 | 3833.8 | 3939.4 |
| 17.5° | 2885.0 | 2927.4 | 3032.5 | 3142.3 | 3252.5 | 3377.4 | 3502.8 | 3627.3 | 3751.7 | 3849.9 | 3948.6 |
| 20° | 2762.4 | 2789.1 | 2928.4 | 3073.1 | 3217.9 | 3364.9 | 3512.0 | 3645.7 | 3779.4 | 3879.0 | 3978.5 |
| 22.5° | 2620.9 | 2646.2 | 2812.2 | 2993.8 | 3175.5 | 3355.3 | 3535.1 | 3681.7 | 3828.7 | 3919.5 | 4010.8 |
| 25° | 2480.3 | 2482.6 | 2673.0 | 2899.3 | 3125.7 | 3354.3 | 3583.0 | 3743.4 | 3903.9 | 3982.7 | 4061.5 |
| 27.5° | 2348.9 | 2337.3 | 2531.9 | 2802.5 | 3072.7 | 3363.1 | 3653.5 | 3833.8 | 4014.5 | 4074.9 | 4135.3 |
| 30° | 2232.2 | 2219.8 | 2408.8 | 2718.1 | 3027.9 | 3382.0 | 3736.5 | 3940.7 | 4144.5 | 4191.5 | 4239.0 |
| 32.5° | 2134.5 | 2134.5 | 2308.8 | 2644.4 | 2980.5 | 3403.2 | 3826.4 | 4066.6 | 4306.8 | 4336.3 | 4365.8 |
| 35° | 2055.2 | 2083.8 | 2218.4 | 2560.5 | 2902.1 | 3398.1 | 3894.6 | 4200.3 | 4506.4 | 4543.3 | 4580.2 |
| 37.5° | 1969.5 | 2023.9 | 2129.9 | 2467.3 | 2805.3 | 3383.8 | 3962.4 | 4363.5 | 4764.6 | 4808.4 | 4852.2 |
| 40° | 1877.2 | 1945.5 | 2029.4 | 2356.2 | 2683.1 | 3351.6 | 4020.0 | 4550.2 | 5080.4 | 5167.0 | 5253.3 |
| 42.5° | 1775.8 | 1860.2 | 1918.7 | 2223.9 | 2528.7 | 3295.8 | 4062.5 | 4756.7 | 5450.1 | 5633.1 | 5815.7 |
| 45° | 1672.6 | 1756.5 | 1809.5 | 2089.3 | 2369.6 | 3257.5 | 4145.4 | 5037.0 | 5928.6 | 6221.4 | 6514.1 |
| 47.5° | 1555.9 | 1634.3 | 1695.6 | 1955.6 | 2216.6 | 3212.8 | 4209.1 | 5325.2 | 6441.3 | 6811.9 | 7182.6 |
| 50° | 1439.3 | 1516.7 | 1600.6 | 1836.7 | 2072.3 | 3136.7 | 4200.8 | 5576.4 | 6952.1 | 7454.6 | 7957.1 |
| 52.5° | 1343.9 | 1426.8 | 1534.3 | 1729.7 | 1926.1 | 2980.9 | 4036.2 | 5695.4 | 7354.1 | 8152.6 | 8950.6 |
| 55° | 1285.3 | 1383.0 | 1490.0 | 1640.3 | 1789.7 | 2774.4 | 3758.2 | 5664.0 | 7569.8 | 8853.8 | 10137.7 |
| 57.5° | 1251.7 | 1371.5 | 1461.4 | 1564.7 | 1667.9 | 2558.2 | 3448.4 | 5493.0 | 7537.6 | 9442.5 | 11347.9 |
| 60° | 1224.0 | 1343.9 | 1414.4 | 1486.8 | 1559.1 | 2284.8 | 3010.4 | 5083.1 | 7155.9 | 9706.2 | 12256.1 |
| 62.5° | 1190.3 | 1304.7 | 1334.6 | 1374.7 | 1415.3 | 1938.1 | 2460.9 | 4411.4 | 6362.0 | 9121.2 | 11880.3 |
| 65° | *1127.2* | *1221.7* | *1230.0* | *1238.3* | *1247.0* | *1523.2* | *1798.9* | *3460.4* | *5121.9* | *7867.2* | *10612.5* |
| 67.5° | 1030.4 | 1094.9 | 1082.5 | 1058.0 | 1033.6 | 1164.5 | 1295.4 | 2692.8 | 4090.1 | 6756.6 | 9423.1 |
| 70° | 876.8 | 908.2 | 911.9 | 875.5 | 839.0 | 885.1 | 931.2 | 2063.5 | 3195.7 | 5740.1 | 8284.4 |
| 72.5° | 718.3 | 698.4 | 735.3 | 707.7 | 680.0 | 680.5 | 681.4 | 1551.3 | 2421.2 | 4766.4 | 7111.1 |
| 75° | 598.4 | 585.5 | 570.7 | 537.5 | 504.8 | 507.6 | 510.8 | 1149.8 | 1788.7 | 3805.7 | 5822.6 |
| 77.5° | 486.4 | 484.1 | 441.7 | 405.7 | 369.7 | 367.9 | 365.1 | 743.2 | 1121.2 | 2496.9 | 3872.5 |
| 80° | 368.8 | 371.1 | 311.2 | 273.8 | 236.0 | 234.2 | 231.4 | 410.8 | 590.1 | 1431.4 | 2272.8 |
| 82.5° | 223.6 | 214.4 | 180.7 | 162.3 | 143.8 | 143.4 | 142.9 | 220.8 | 298.7 | 717.3 | 1136.4 |
| 85° | 111.6 | 106.0 | 87.6 | 75.6 | 63.6 | 60.4 | 57.6 | 70.1 | 83.0 | 170.6 | 258.2 |
| 87.5° | 32.3 | 27.7 | 25.4 | 23.1 | 20.7 | 19.4 | 18.4 | 18.9 | 19.4 | 20.3 | 20.7 |
| 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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Scaled Data Report

REPORT NUMBER: P1364496
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**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | *3005.8* | 3005.8 | 3005.8 |
| 2.5° | 3259.4 | 3270.9 | 3283.3 | 3296.2 | 3303.6 | 3311.0 | 3318.8 | 3326.2 | *3333.1* | 3326.2 | 3318.8 |
| 5° | 3521.2 | 3572.9 | 3607.9 | 3642.9 | 3669.7 | 3696.4 | 3711.6 | 3727.3 | *3729.6* | 3727.3 | 3711.6 |
| 7.5° | 3754.5 | 3816.3 | 3869.7 | 3923.2 | 3957.3 | 3991.5 | 4011.3 | 4031.6 | *4038.5* | 4031.6 | 4011.3 |
| 10° | 3905.7 | 3978.5 | 4030.2 | 4082.3 | 4114.1 | 4145.4 | 4161.1 | 4176.8 | *4181.4* | 4176.8 | 4161.1 |
| 12.5° | 3974.4 | 4044.0 | 4084.1 | 4123.8 | 4144.1 | 4163.9 | 4171.3 | 4177.7 | *4172.2* | 4177.7 | 4171.3 |
| 15° | 3980.4 | 4021.0 | 4038.0 | 4054.6 | 4044.9 | 4034.8 | 4020.5 | 4006.2 | *3997.0* | 4006.2 | 4020.5 |
| 17.5° | 3962.9 | 3977.6 | 3946.7 | 3916.3 | 3861.0 | 3805.7 | 3764.2 | 3722.7 | *3692.7* | 3722.7 | 3764.2 |
| 20° | 3955.5 | 3932.4 | 3850.4 | 3768.8 | 3665.1 | 3561.3 | 3491.7 | 3421.6 | *3379.2* | 3421.6 | 3491.7 |
| 22.5° | 3945.8 | 3880.8 | 3743.0 | 3605.1 | 3463.1 | 3321.6 | 3241.4 | 3161.6 | *3116.5* | 3161.6 | 3241.4 |
| 25° | 3950.0 | 3837.9 | 3651.7 | 3465.9 | 3299.0 | 3132.6 | 3045.5 | 2958.8 | *2909.0* | 2958.8 | 3045.5 |
| 27.5° | 3964.7 | 3794.1 | 3563.6 | 3333.1 | 3152.4 | 2971.2 | 2888.3 | 2805.3 | *2761.5* | 2805.3 | 2888.3 |
| 30° | 4012.7 | 3785.8 | 3510.2 | 3234.0 | 3045.0 | 2856.0 | 2774.8 | 2693.2 | *2646.2* | 2693.2 | 2774.8 |
| 32.5° | 4080.0 | 3794.1 | 3485.3 | 3176.4 | 2983.7 | 2791.4 | 2713.5 | 2636.1 | *2595.5* | 2636.1 | 2713.5 |
| 35° | 4218.3 | 3856.4 | 3513.8 | 3171.8 | 2992.9 | 2814.5 | 2757.3 | 2700.6 | *2678.5* | 2700.6 | 2757.3 |
| 37.5° | 4429.4 | 4006.2 | 3653.5 | 3300.9 | 3179.2 | 3057.4 | 3057.4 | 3057.4 | *3075.0* | 3057.4 | 3057.4 |
| 40° | 4778.4 | 4303.6 | 3969.8 | 3636.5 | 3629.1 | 3622.6 | 3700.1 | 3778.0 | *3812.6* | 3778.0 | 3700.1 |
| 42.5° | 5313.6 | 4812.1 | 4542.8 | 4273.6 | 4435.0 | 4596.3 | 4820.4 | 5044.4 | *5191.0* | 5044.4 | 4820.4 |
| 45° | 6025.4 | 5536.8 | 5348.7 | 5161.0 | 5520.2 | 5878.8 | 6274.9 | 6670.9 | *6952.1* | 6670.9 | 6274.9 |
| 47.5° | 6771.4 | 6359.7 | 6252.3 | 6145.3 | 6742.3 | 7339.3 | 7919.8 | 8500.2 | *8842.2* | 8500.2 | 7919.8 |
| 50° | 7587.4 | 7217.2 | 7196.4 | 7175.7 | 7970.9 | 8766.2 | 9515.3 | 10264.5 | *10681.7* | 10264.5 | 9515.3 |
| 52.5° | 8544.4 | 8137.8 | 8154.4 | 8170.1 | 9114.7 | 10059.3 | 10965.2 | 11871.1 | *12341.3* | 11871.1 | 10965.2 |
| 55° | 9628.3 | 9118.9 | 9116.1 | 9113.3 | 10198.5 | 11284.7 | 12397.6 | 13511.4 | *14139.3* | 13511.4 | 12397.6 |
| 57.5° | 10870.7 | 10393.6 | 10280.1 | 10166.3 | 11301.3 | 12435.8 | 13664.9 | 14894.4 | *15554.6* | 14894.4 | 13664.9 |
| 60° | 11993.3 | 11730.5 | 11548.9 | 11367.7 | 12533.1 | 13699.0 | 14968.7 | 16237.8 | *16896.2* | 16237.8 | 14968.7 |
| 62.5° | 12350.1 | 12819.9 | 12806.5 | 12793.1 | 14051.2 | 15309.3 | 16629.7 | 17951.0 | *18542.0* | 17951.0 | 16629.7 |
| 65° | *11361.7* | *12110.8* | *12626.2* | *13141.2* | *14662.1* | *16182.5* | *17558.2* | *18933.8* | *19537.8* | *18933.8* | *17558.2* |
| 67.5° | 10083.3 | 10743.9 | 11165.8 | 11587.6 | 13301.2 | 15015.2 | 16576.2 | 18137.2 | *18758.6* | 18137.2 | 16576.2 |
| 70° | 9015.6 | 9746.8 | 10048.3 | 10349.8 | 11805.6 | 13261.1 | 14496.1 | 15730.7 | *15974.1* | 15730.7 | 14496.1 |
| 72.5° | 7980.6 | 8850.5 | 8978.2 | 9105.9 | 10165.4 | 11224.8 | 11882.6 | 12540.5 | *12009.4* | 12540.5 | 11882.6 |
| 75° | 6803.6 | 7784.2 | 7869.5 | 7954.8 | 8284.9 | 8615.4 | 8782.8 | 8950.6 | *8648.6* | 8950.6 | 8782.8 |
| 77.5° | 4721.7 | 5571.4 | 5762.7 | 5954.0 | 6173.9 | 6394.3 | 6382.7 | 6371.2 | *5947.1* | 6371.2 | 6382.7 |
| 80° | 2937.1 | 3601.4 | 3626.3 | 3651.2 | 3816.3 | 3980.9 | 4149.1 | 4317.4 | *4047.7* | 4317.4 | 4149.1 |
| 82.5° | 1501.1 | 1866.2 | 1922.4 | 1978.7 | 2079.6 | 2180.6 | 2227.6 | 2275.1 | *2046.9* | 2275.1 | 2227.6 |
| 85° | 353.1 | 448.1 | 539.8 | 631.6 | 737.6 | 843.7 | 831.7 | 819.7 | *691.5* | 819.7 | 831.7 |
| 87.5° | 21.2 | 22.1 | 22.6 | 23.1 | 23.5 | 24.0 | 25.4 | 26.7 | *27.7* | 26.7 | 25.4 |
| 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

Scaled Data Report

REPORT NUMBER: P1364496
CATALOG NUMBER: GSS-SB5B-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 | 3005.8 |
| 2.5° | 3311.0 | 3303.6 | 3296.2 | 3283.3 | 3270.9 | 3259.4 | 3247.8 |
| 5° | 3696.4 | 3669.7 | 3642.9 | 3607.9 | 3572.9 | 3521.2 | 3469.1 |
| 7.5° | 3991.5 | 3957.3 | 3923.2 | 3869.7 | 3816.3 | 3754.5 | 3692.7 |
| 10° | 4145.4 | 4114.1 | 4082.3 | 4030.2 | 3978.5 | 3905.7 | 3833.3 |
| 12.5° | 4163.9 | 4144.1 | 4123.8 | 4084.1 | 4044.0 | 3974.4 | 3904.8 |
| 15° | 4034.8 | 4044.9 | 4054.6 | 4038.0 | 4021.0 | 3980.4 | 3939.4 |
| 17.5° | 3805.7 | 3861.0 | 3916.3 | 3946.7 | 3977.6 | 3962.9 | 3948.6 |
| 20° | 3561.3 | 3665.1 | 3768.8 | 3850.4 | 3932.4 | 3955.5 | 3978.5 |
| 22.5° | 3321.6 | 3463.1 | 3605.1 | 3743.0 | 3880.8 | 3945.8 | 4010.8 |
| 25° | 3132.6 | 3299.0 | 3465.9 | 3651.7 | 3837.9 | 3950.0 | 4061.5 |
| 27.5° | 2971.2 | 3152.4 | 3333.1 | 3563.6 | 3794.1 | 3964.7 | 4135.3 |
| 30° | 2856.0 | 3045.0 | 3234.0 | 3510.2 | 3785.8 | 4012.7 | 4239.0 |
| 32.5° | 2791.4 | 2983.7 | 3176.4 | 3485.3 | 3794.1 | 4080.0 | 4365.8 |
| 35° | 2814.5 | 2992.9 | 3171.8 | 3513.8 | 3856.4 | 4218.3 | 4580.2 |
| 37.5° | 3057.4 | 3179.2 | 3300.9 | 3653.5 | 4006.2 | 4429.4 | 4852.2 |
| 40° | 3622.6 | 3629.1 | 3636.5 | 3969.8 | 4303.6 | 4778.4 | 5253.3 |
| 42.5° | 4596.3 | 4435.0 | 4273.6 | 4542.8 | 4812.1 | 5313.6 | 5815.7 |
| 45° | 5878.8 | 5520.2 | 5161.0 | 5348.7 | 5536.8 | 6025.4 | 6514.1 |
| 47.5° | 7339.3 | 6742.3 | 6145.3 | 6252.3 | 6359.7 | 6771.4 | 7182.6 |
| 50° | 8766.2 | 7970.9 | 7175.7 | 7196.4 | 7217.2 | 7587.4 | 7957.1 |
| 52.5° | 10059.3 | 9114.7 | 8170.1 | 8154.4 | 8137.8 | 8544.4 | 8950.6 |
| 55° | 11284.7 | 10198.5 | 9113.3 | 9116.1 | 9118.9 | 9628.3 | 10137.7 |
| 57.5° | 12435.8 | 11301.3 | 10166.3 | 10280.1 | 10393.6 | 10870.7 | 11347.9 |
| 60° | 13699.0 | 12533.1 | 11367.7 | 11548.9 | 11730.5 | 11993.3 | 12256.1 |
| 62.5° | 15309.3 | 14051.2 | 12793.1 | 12806.5 | 12819.9 | 12350.1 | 11880.3 |
| 65° | *16182.5* | *14662.1* | *13141.2* | *12626.2* | *12110.8* | *11361.7* | *10612.5* |
| 67.5° | 15015.2 | 13301.2 | 11587.6 | 11165.8 | 10743.9 | 10083.3 | 9423.1 |
| 70° | 13261.1 | 11805.6 | 10349.8 | 10048.3 | 9746.8 | 9015.6 | 8284.4 |
| 72.5° | 11224.8 | 10165.4 | 9105.9 | 8978.2 | 8850.5 | 7980.6 | 7111.1 |
| 75° | 8615.4 | 8284.9 | 7954.8 | 7869.5 | 7784.2 | 6803.6 | 5822.6 |
| 77.5° | 6394.3 | 6173.9 | 5954.0 | 5762.7 | 5571.4 | 4721.7 | 3872.5 |
| 80° | 3980.9 | 3816.3 | 3651.2 | 3626.3 | 3601.4 | 2937.1 | 2272.8 |
| 82.5° | 2180.6 | 2079.6 | 1978.7 | 1922.4 | 1866.2 | 1501.1 | 1136.4 |
| 85° | 843.7 | 737.6 | 631.6 | 539.8 | 448.1 | 353.1 | 258.2 |
| 87.5° | 24.0 | 23.5 | 23.1 | 22.6 | 22.1 | 21.2 | 20.7 |
| 90° | 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

# LM-79-08: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

McGRAW-EDISON

Report Number: SP1-2106-271-4

Luminaire Tested: GFLD-SA1-A-940-U-WR-X-BK

Test Date: 06/15/2021

Report Generated By FNC07603 / LDUCLS01DT446
Version: v6.09

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

## Test Information

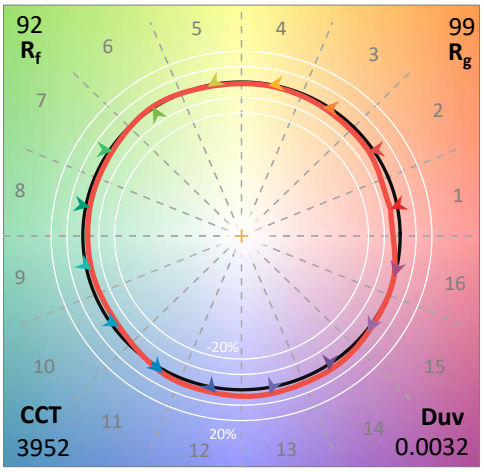
| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | SP1-2106-271-4 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 |
| Measurement Geometry: | 4π |
| Issue Date: | 06/15/2021 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | **GFLD-SA1-A-940-U-WR-X-BK** |
| Description: | MCGRAW EDISON |

N6, BLACK

## Spectral Parameters

| | | | | | |
|---|---|---|---|---|---|
| CCT (K): | 3952 | CRI (Ra): | 92.2 | | |
| CIE u': | 0.2242 | R1: | 92.0 | R9: | 63.3 |
| CIE v': | 0.5064 | R2: | 93.7 | R10: | 84.3 |
| Duv: | 0.0032 | R3: | 94.4 | R11: | 92.7 |
| CIE x: | 0.3848 | R4: | 93.1 | R12: | 75.6 |
| CIE y: | 0.3864 | R5: | 91.2 | R13: | 92.2 |
| CIE z: | 0.2287 | R6: | 91.1 | R14: | 96.5 |
| Peak Wavelength (nm): | 614 | R7: | 95.4 | | |
| Dominant Wavelength (nm): | 577 | R8: | 86.5 | | |
| Purity: | 31.6 | | | | |

| | |
|---|---|
| Rf: | 92.2 |
| Rg: | 98.9 |




## Test Conditions

| | |
|---|---|
| Stabilization Time: | 72M |
| Operation Time: | 12H |
| Room Temperature (°C) / RH%: | 24.8/42% |
| Sphere Temperature (°C): | 24.9 |

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

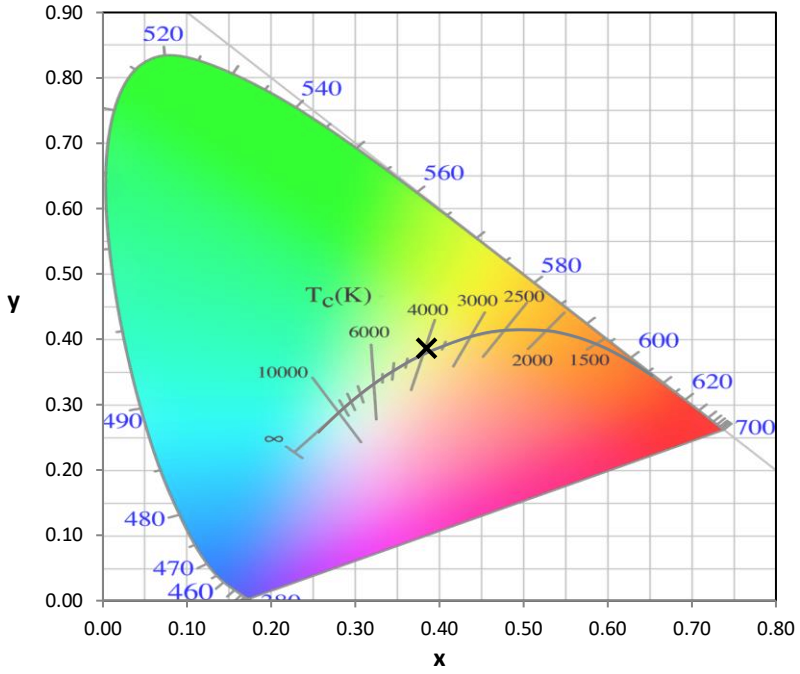
REPORT NUMBER: SP1-2106-271-4

| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 1/31/2021 | 7/31/2021 |
| Power Meter | XITRON 2801 IN0071 | 12/1/2020 | 12/1/2021 |
| AC Power Source | CHROMA 61603 IN0063 | 12/1/2020 | 12/1/2021 |
| DC Power Source | AGILENT E3634A IN0208 | 12/1/2020 | 12/1/2021 |
| Sphere Thermometer | ONSET IN0085 | 12/1/2020 | 12/1/2021 |
| Room Thermometer | ONSET IN0046 | 12/1/2020 | 12/1/2021 |

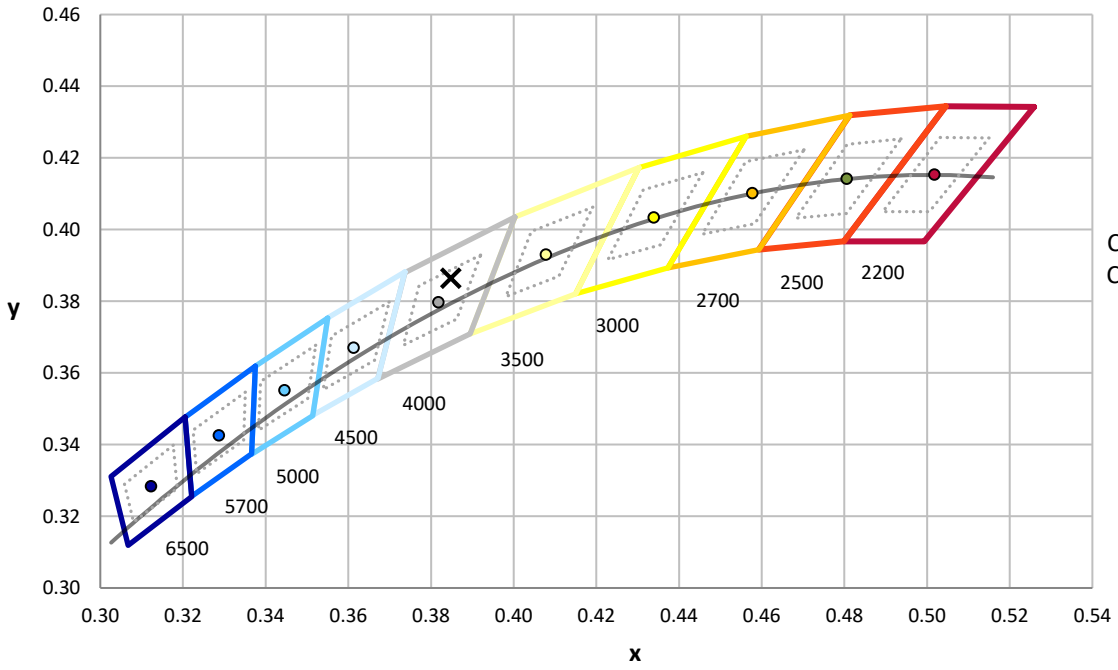
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2106-271-4

## CIE 1931 Chromaticity Diagram




## CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



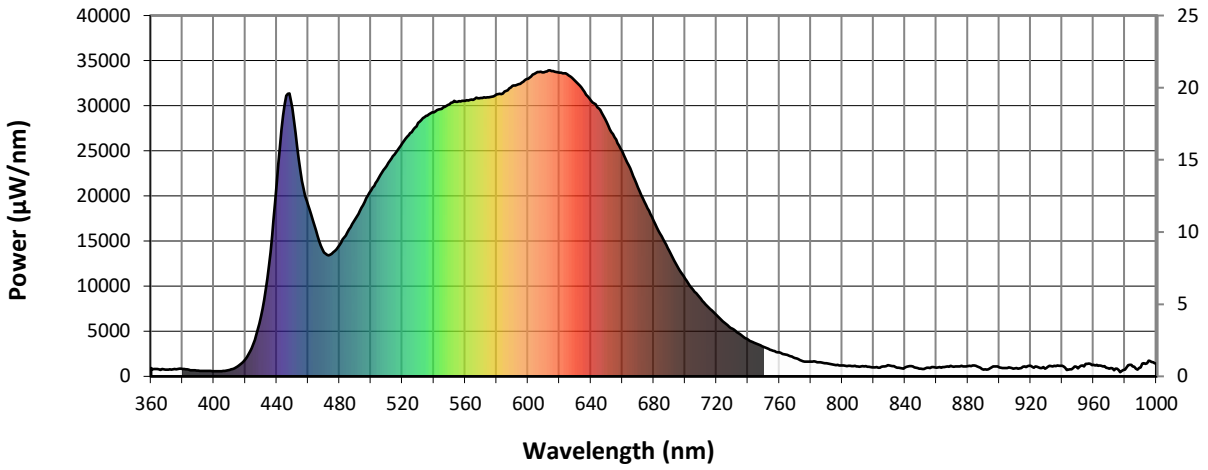

CCT = 3952K
CIE x = 0.3848
CIE y = 0.3864
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

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

REPORT NUMBER: SP1-2106-271-4

## Photopic Flux vs. Wavelength



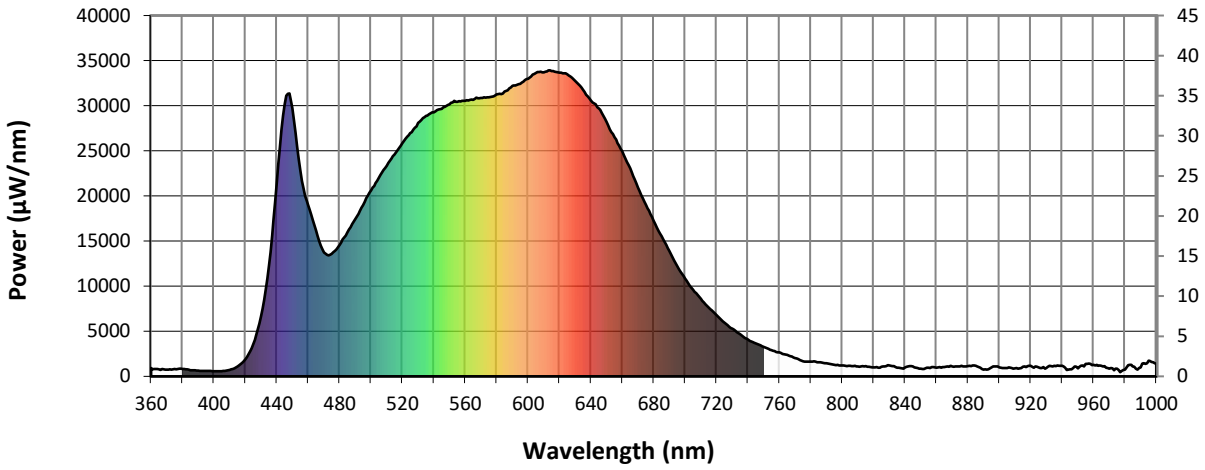

######

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 910 | NR | 490 | 17463 | NR | 620 | 33665 | NR | 750 | 3275 | NR | 880 | 1122 | NR |
| 365 | 784 | NR | 495 | 18986 | NR | 625 | 33477 | NR | 755 | 2901 | NR | 885 | 1170 | NR |
| 370 | 741 | NR | 500 | 20627 | NR | 630 | 32742 | NR | 760 | 2665 | NR | 890 | 751 | NR |
| 375 | 805 | NR | 505 | 21980 | NR | 635 | 31767 | NR | 765 | 2371 | NR | 895 | 990 | NR |
| 380 | 830 | NR | 510 | 23346 | NR | 640 | 30561 | NR | 770 | 2039 | NR | 900 | 982 | NR |
| 385 | 690 | NR | 515 | 24600 | NR | 645 | 29699 | NR | 775 | 1676 | NR | 905 | 936 | NR |
| 390 | 625 | NR | 520 | 25854 | NR | 650 | 28202 | NR | 780 | 1616 | NR | 910 | 888 | NR |
| 395 | 599 | NR | 525 | 26952 | NR | 655 | 26484 | NR | 785 | 1573 | NR | 915 | 1068 | NR |
| 400 | 568 | NR | 530 | 28081 | NR | 660 | 24930 | NR | 790 | 1452 | NR | 920 | 1179 | NR |
| 405 | 577 | NR | 535 | 28884 | NR | 665 | 23070 | NR | 795 | 1263 | NR | 925 | 1008 | NR |
| 410 | 720 | NR | 540 | 29271 | NR | 670 | 20926 | NR | 800 | 1203 | NR | 930 | 927 | NR |
| 415 | 1084 | NR | 545 | 29657 | NR | 675 | 19011 | NR | 805 | 1175 | NR | 935 | 1185 | NR |
| 420 | 1884 | NR | 550 | 30152 | NR | 680 | 17237 | NR | 810 | 1108 | NR | 940 | 1166 | NR |
| 425 | 3574 | NR | 555 | 30445 | NR | 685 | 15540 | NR | 815 | 1125 | NR | 945 | 779 | NR |
| 430 | 6636 | NR | 560 | 30559 | NR | 690 | 13894 | NR | 820 | 988 | NR | 950 | 905 | NR |
| 435 | 12267 | NR | 565 | 30663 | NR | 695 | 12196 | NR | 825 | 1070 | NR | 955 | 1369 | NR |
| 440 | 21326 | NR | 570 | 30877 | NR | 700 | 10840 | NR | 830 | 1219 | NR | 960 | 1280 | NR |
| 445 | 30150 | NR | 575 | 30916 | NR | 705 | 9613 | NR | 835 | 944 | NR | 965 | 1177 | NR |
| 450 | 29740 | NR | 580 | 31248 | NR | 710 | 8583 | NR | 840 | 983 | NR | 970 | 868 | NR |
| 455 | 22827 | NR | 585 | 31581 | NR | 715 | 7631 | NR | 845 | 1097 | NR | 975 | 843 | NR |
| 460 | 19023 | NR | 590 | 32218 | NR | 720 | 6779 | NR | 850 | 856 | NR | 980 | 744 | NR |
| 465 | 16163 | NR | 595 | 32417 | NR | 725 | 5950 | NR | 855 | 949 | NR | 985 | 1113 | NR |
| 470 | 13739 | NR | 600 | 32976 | NR | 730 | 5282 | NR | 860 | 954 | NR | 990 | 1002 | NR |
| 475 | 13571 | NR | 605 | 33620 | NR | 735 | 4673 | NR | 865 | 1019 | NR | 995 | 1732 | NR |
| 480 | 14597 | NR | 610 | 33704 | NR | 740 | 4087 | NR | 870 | 1089 | NR | 1000 | 1390 | NR |
| 485 | 15964 | NR | 615 | 33846 | NR | 745 | 3658 | NR | 875 | 1089 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-4

## Scotopic Flux vs. Wavelength



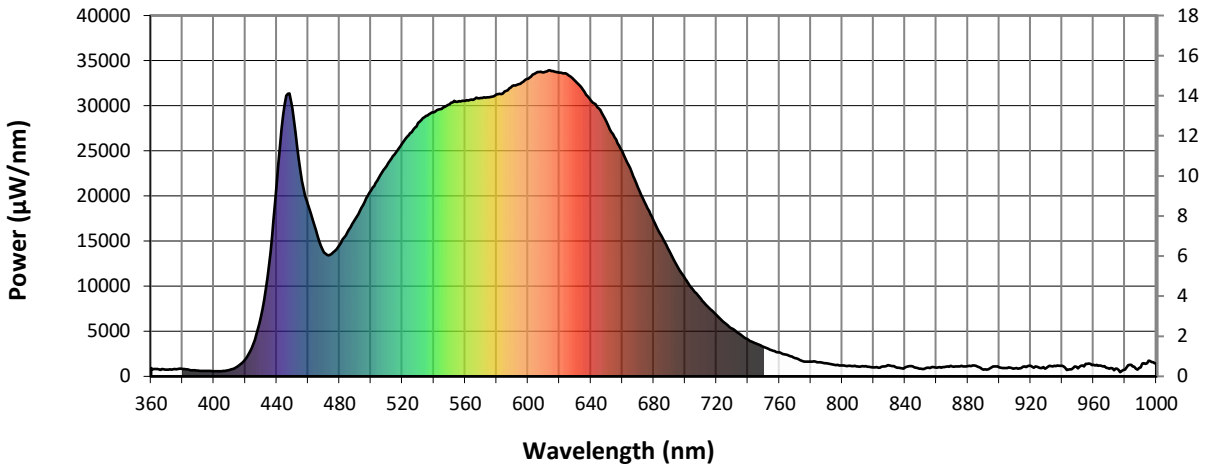

**Scotopic Lumens: 3705.7** **S/P: 1.75**

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 910 | NR | 490 | 17463 | NR | 620 | 33665 | NR | 750 | 3275 | NR | 880 | 1122 | NR |
| 365 | 784 | NR | 495 | 18986 | NR | 625 | 33477 | NR | 755 | 2901 | NR | 885 | 1170 | NR |
| 370 | 741 | NR | 500 | 20627 | NR | 630 | 32742 | NR | 760 | 2665 | NR | 890 | 751 | NR |
| 375 | 805 | NR | 505 | 21980 | NR | 635 | 31767 | NR | 765 | 2371 | NR | 895 | 990 | NR |
| 380 | 830 | NR | 510 | 23346 | NR | 640 | 30561 | NR | 770 | 2039 | NR | 900 | 982 | NR |
| 385 | 690 | NR | 515 | 24600 | NR | 645 | 29699 | NR | 775 | 1676 | NR | 905 | 936 | NR |
| 390 | 625 | NR | 520 | 25854 | NR | 650 | 28202 | NR | 780 | 1616 | NR | 910 | 888 | NR |
| 395 | 599 | NR | 525 | 26952 | NR | 655 | 26484 | NR | 785 | 1573 | NR | 915 | 1068 | NR |
| 400 | 568 | NR | 530 | 28081 | NR | 660 | 24930 | NR | 790 | 1452 | NR | 920 | 1179 | NR |
| 405 | 577 | NR | 535 | 28884 | NR | 665 | 23070 | NR | 795 | 1263 | NR | 925 | 1008 | NR |
| 410 | 720 | NR | 540 | 29271 | NR | 670 | 20926 | NR | 800 | 1203 | NR | 930 | 927 | NR |
| 415 | 1084 | NR | 545 | 29657 | NR | 675 | 19011 | NR | 805 | 1175 | NR | 935 | 1185 | NR |
| 420 | 1884 | NR | 550 | 30152 | NR | 680 | 17237 | NR | 810 | 1108 | NR | 940 | 1166 | NR |
| 425 | 3574 | NR | 555 | 30445 | NR | 685 | 15540 | NR | 815 | 1125 | NR | 945 | 779 | NR |
| 430 | 6636 | NR | 560 | 30559 | NR | 690 | 13894 | NR | 820 | 988 | NR | 950 | 905 | NR |
| 435 | 12267 | NR | 565 | 30663 | NR | 695 | 12196 | NR | 825 | 1070 | NR | 955 | 1369 | NR |
| 440 | 21326 | NR | 570 | 30877 | NR | 700 | 10840 | NR | 830 | 1219 | NR | 960 | 1280 | NR |
| 445 | 30150 | NR | 575 | 30916 | NR | 705 | 9613 | NR | 835 | 944 | NR | 965 | 1177 | NR |
| 450 | 29740 | NR | 580 | 31248 | NR | 710 | 8583 | NR | 840 | 983 | NR | 970 | 868 | NR |
| 455 | 22827 | NR | 585 | 31581 | NR | 715 | 7631 | NR | 845 | 1097 | NR | 975 | 843 | NR |
| 460 | 19023 | NR | 590 | 32218 | NR | 720 | 6779 | NR | 850 | 856 | NR | 980 | 744 | NR |
| 465 | 16163 | NR | 595 | 32417 | NR | 725 | 5950 | NR | 855 | 949 | NR | 985 | 1113 | NR |
| 470 | 13739 | NR | 600 | 32976 | NR | 730 | 5282 | NR | 860 | 954 | NR | 990 | 1002 | NR |
| 475 | 13571 | NR | 605 | 33620 | NR | 735 | 4673 | NR | 865 | 1019 | NR | 995 | 1732 | NR |
| 480 | 14597 | NR | 610 | 33704 | NR | 740 | 4087 | NR | 870 | 1089 | NR | 1000 | 1390 | NR |
| 485 | 15964 | NR | 615 | 33846 | NR | 745 | 3658 | NR | 875 | 1089 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-4

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: 1498.3** **S/P: 0.71**

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 910 | NR | 490 | 17463 | NR | 620 | 33665 | NR | 750 | 3275 | NR | 880 | 1122 | NR |
| 365 | 784 | NR | 495 | 18986 | NR | 625 | 33477 | NR | 755 | 2901 | NR | 885 | 1170 | NR |
| 370 | 741 | NR | 500 | 20627 | NR | 630 | 32742 | NR | 760 | 2665 | NR | 890 | 751 | NR |
| 375 | 805 | NR | 505 | 21980 | NR | 635 | 31767 | NR | 765 | 2371 | NR | 895 | 990 | NR |
| 380 | 830 | NR | 510 | 23346 | NR | 640 | 30561 | NR | 770 | 2039 | NR | 900 | 982 | NR |
| 385 | 690 | NR | 515 | 24600 | NR | 645 | 29699 | NR | 775 | 1676 | NR | 905 | 936 | NR |
| 390 | 625 | NR | 520 | 25854 | NR | 650 | 28202 | NR | 780 | 1616 | NR | 910 | 888 | NR |
| 395 | 599 | NR | 525 | 26952 | NR | 655 | 26484 | NR | 785 | 1573 | NR | 915 | 1068 | NR |
| 400 | 568 | NR | 530 | 28081 | NR | 660 | 24930 | NR | 790 | 1452 | NR | 920 | 1179 | NR |
| 405 | 577 | NR | 535 | 28884 | NR | 665 | 23070 | NR | 795 | 1263 | NR | 925 | 1008 | NR |
| 410 | 720 | NR | 540 | 29271 | NR | 670 | 20926 | NR | 800 | 1203 | NR | 930 | 927 | NR |
| 415 | 1084 | NR | 545 | 29657 | NR | 675 | 19011 | NR | 805 | 1175 | NR | 935 | 1185 | NR |
| 420 | 1884 | NR | 550 | 30152 | NR | 680 | 17237 | NR | 810 | 1108 | NR | 940 | 1166 | NR |
| 425 | 3574 | NR | 555 | 30445 | NR | 685 | 15540 | NR | 815 | 1125 | NR | 945 | 779 | NR |
| 430 | 6636 | NR | 560 | 30559 | NR | 690 | 13894 | NR | 820 | 988 | NR | 950 | 905 | NR |
| 435 | 12267 | NR | 565 | 30663 | NR | 695 | 12196 | NR | 825 | 1070 | NR | 955 | 1369 | NR |
| 440 | 21326 | NR | 570 | 30877 | NR | 700 | 10840 | NR | 830 | 1219 | NR | 960 | 1280 | NR |
| 445 | 30150 | NR | 575 | 30916 | NR | 705 | 9613 | NR | 835 | 944 | NR | 965 | 1177 | NR |
| 450 | 29740 | NR | 580 | 31248 | NR | 710 | 8583 | NR | 840 | 983 | NR | 970 | 868 | NR |
| 455 | 22827 | NR | 585 | 31581 | NR | 715 | 7631 | NR | 845 | 1097 | NR | 975 | 843 | NR |
| 460 | 19023 | NR | 590 | 32218 | NR | 720 | 6779 | NR | 850 | 856 | NR | 980 | 744 | NR |
| 465 | 16163 | NR | 595 | 32417 | NR | 725 | 5950 | NR | 855 | 949 | NR | 985 | 1113 | NR |
| 470 | 13739 | NR | 600 | 32976 | NR | 730 | 5282 | NR | 860 | 954 | NR | 990 | 1002 | NR |
| 475 | 13571 | NR | 605 | 33620 | NR | 735 | 4673 | NR | 865 | 1019 | NR | 995 | 1732 | NR |
| 480 | 14597 | NR | 610 | 33704 | NR | 740 | 4087 | NR | 870 | 1089 | NR | 1000 | 1390 | NR |
| 485 | 15964 | NR | 615 | 33846 | NR | 745 | 3658 | NR | 875 | 1089 | NR | | | |

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

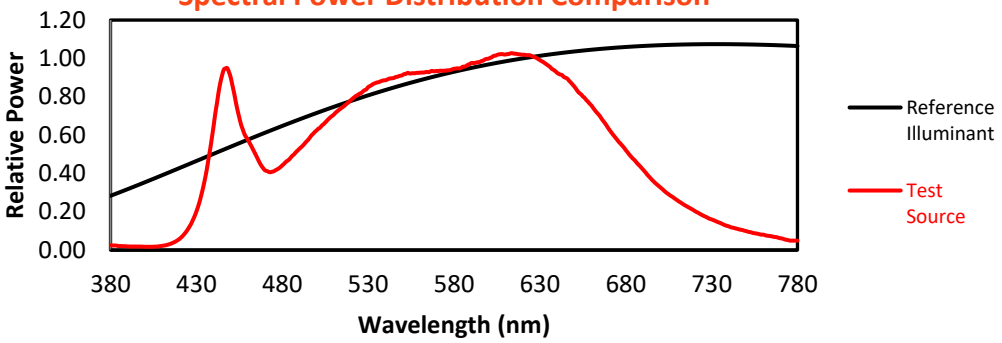
REPORT NUMBER: SP1-2106-271-4

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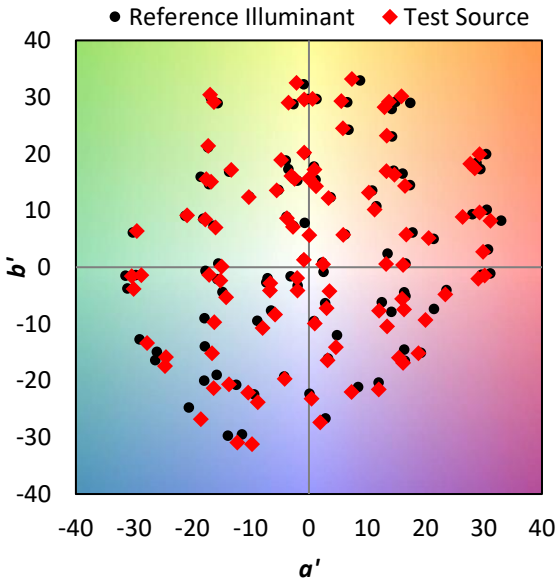
## Summary

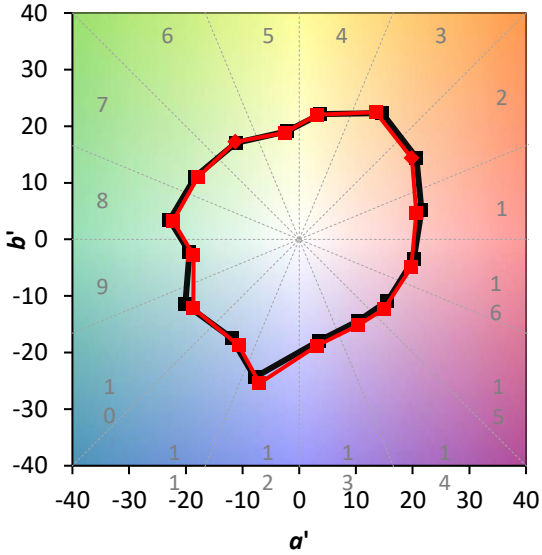
$R_f$ = 92.2
$R_g$ = 98.9
CIE $R_a$ = 92.2
$R_9$ = 63.3

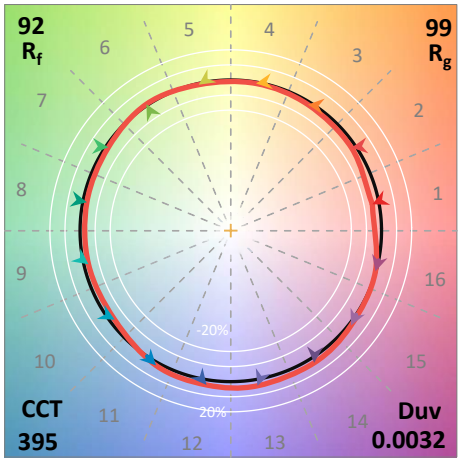
## Spectral Power Distribution Comparison

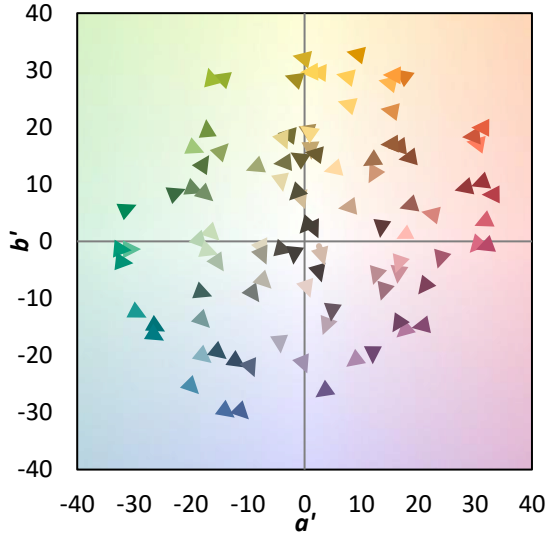



## Color Vector Graphics



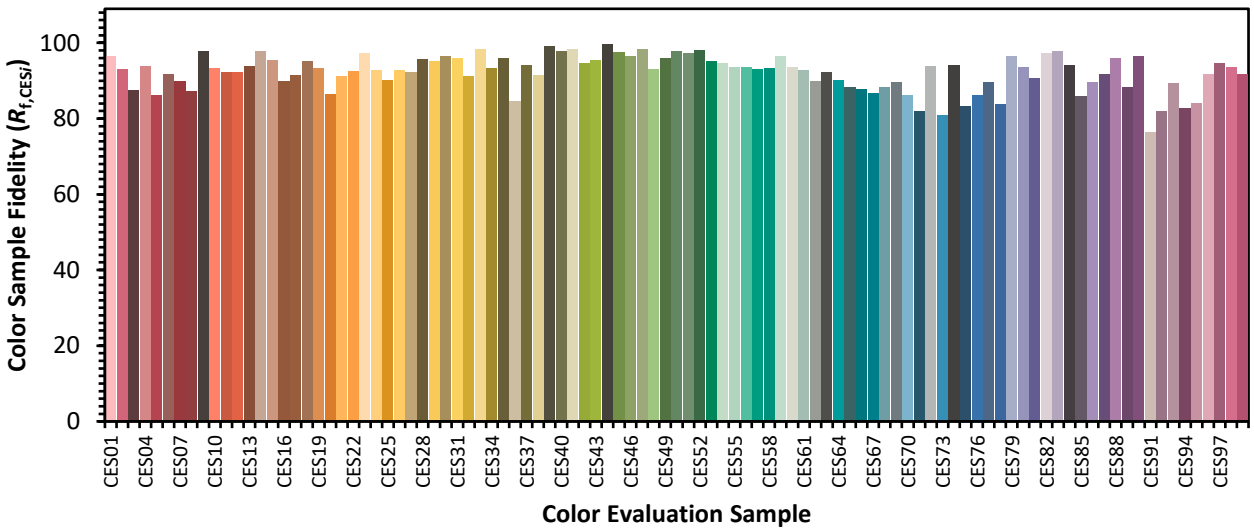
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1121 Highway 74 South
Peachtree City, GA 30269

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**Individual Sample Fidelity Index ($R_{f,i}$)**

| | | | |
|---|---|---|---|
| CES01 = 85 | CES26 = 93 | CES51 = 97 | CES76 = 86 |
| CES02 = 61 | CES27 = 92 | CES52 = 98 | CES77 = 90 |
| CES03 = 31 | CES28 = 96 | CES53 = 95 | CES78 = 84 |
| CES04 = 69 | CES29 = 95 | CES54 = 95 | CES79 = 97 |
| CES05 = 49 | CES30 = 97 | CES55 = 94 | CES80 = 94 |
| CES06 = 50 | CES31 = 96 | CES56 = 94 | CES81 = 91 |
| CES07 = 42 | CES32 = 91 | CES57 = 93 | CES82 = 97 |
| CES08 = 41 | CES33 = 98 | CES58 = 93 | CES83 = 98 |
| CES09 = 29 | CES34 = 93 | CES59 = 96 | CES84 = 94 |
| CES10 = 74 | CES35 = 96 | CES60 = 94 | CES85 = 86 |
| CES11 = 57 | CES36 = 85 | CES61 = 93 | CES86 = 90 |
| CES12 = 63 | CES37 = 94 | CES62 = 90 | CES87 = 92 |
| CES13 = 43 | CES38 = 91 | CES63 = 92 | CES88 = 96 |
| CES14 = 74 | CES39 = 99 | CES64 = 90 | CES89 = 88 |
| CES15 = 71 | CES40 = 98 | CES65 = 88 | CES90 = 96 |
| CES16 = 47 | CES41 = 98 | CES66 = 88 | CES91 = 76 |
| CES17 = 49 | CES42 = 95 | CES67 = 87 | CES92 = 82 |
| CES18 = 56 | CES43 = 95 | CES68 = 88 | CES93 = 89 |
| CES19 = 71 | CES44 = 100 | CES69 = 90 | CES94 = 83 |
| CES20 = 66 | CES45 = 97 | CES70 = 86 | CES95 = 84 |
| CES21 = 85 | CES46 = 97 | CES71 = 82 | CES96 = 92 |
| CES22 = 78 | CES47 = 98 | CES72 = 94 | CES97 = 95 |
| CES23 = 91 | CES48 = 93 | CES73 = 81 | CES98 = 93 |
| CES24 = 90 | CES49 = 96 | CES74 = 94 | CES99 = 92 |
| CES25 = 71 | CES50 = 98 | CES75 = 83 | |

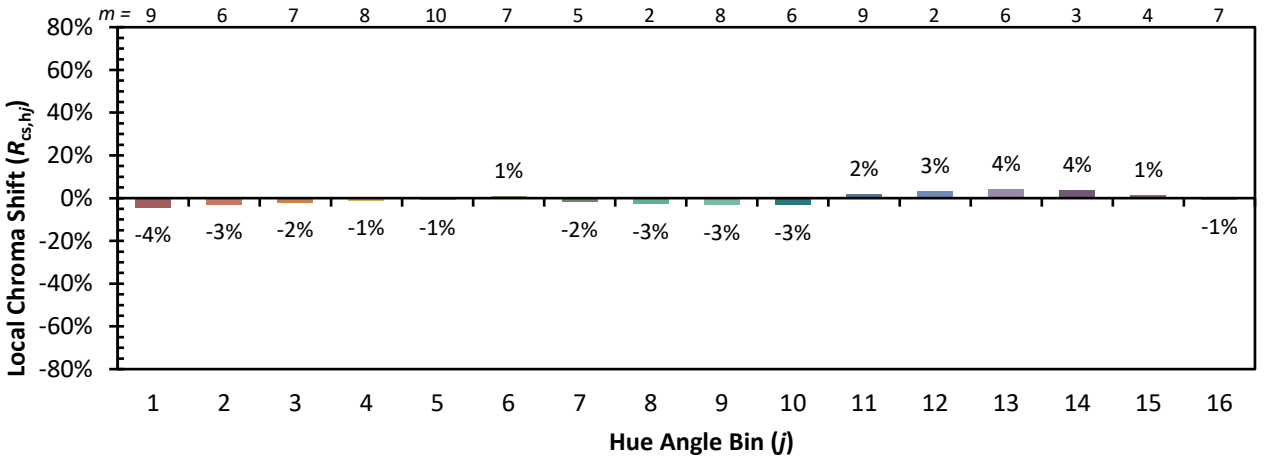


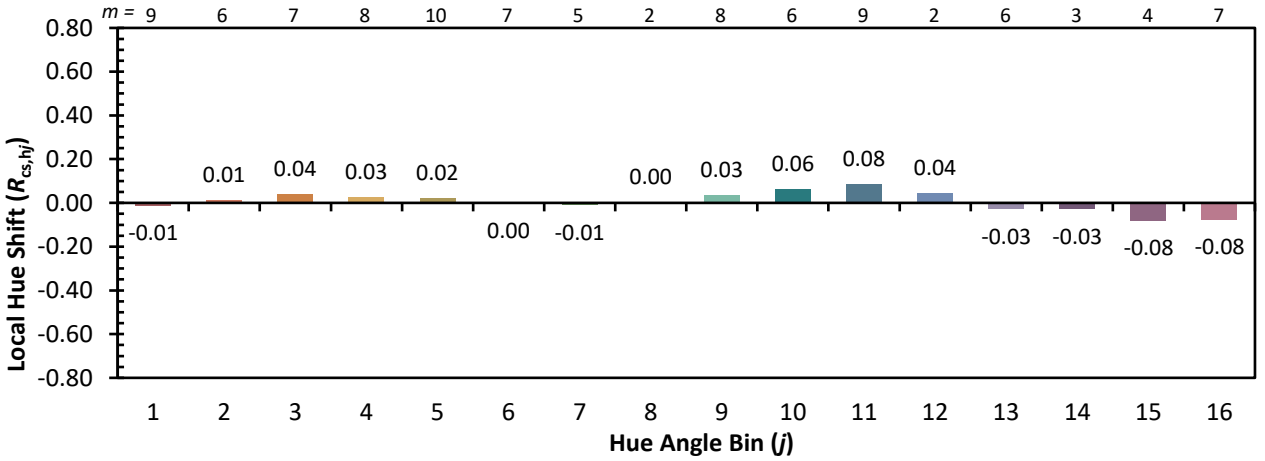
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Peachtree City, GA 30269

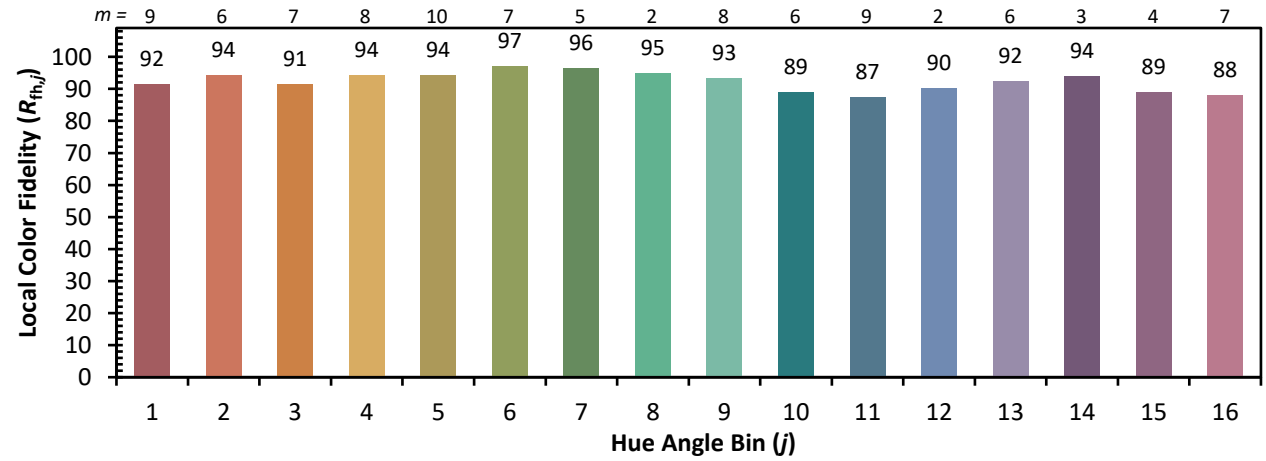
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## Color Rendition by Hue-Angle Bin



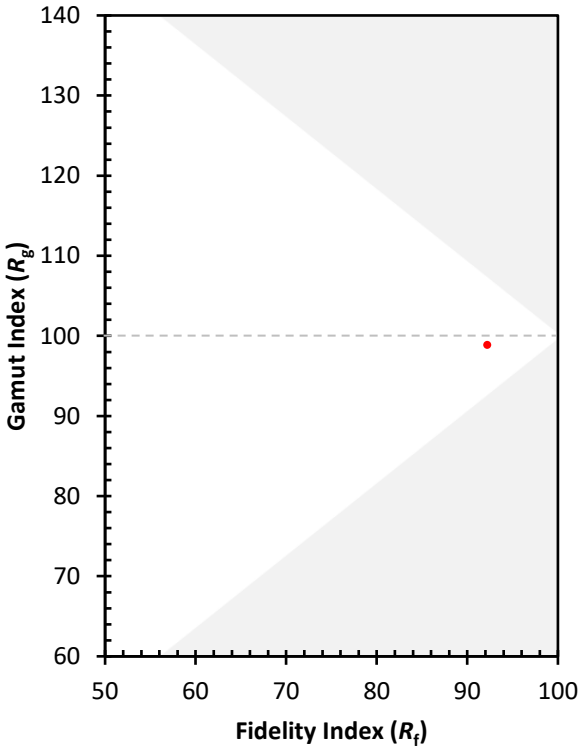



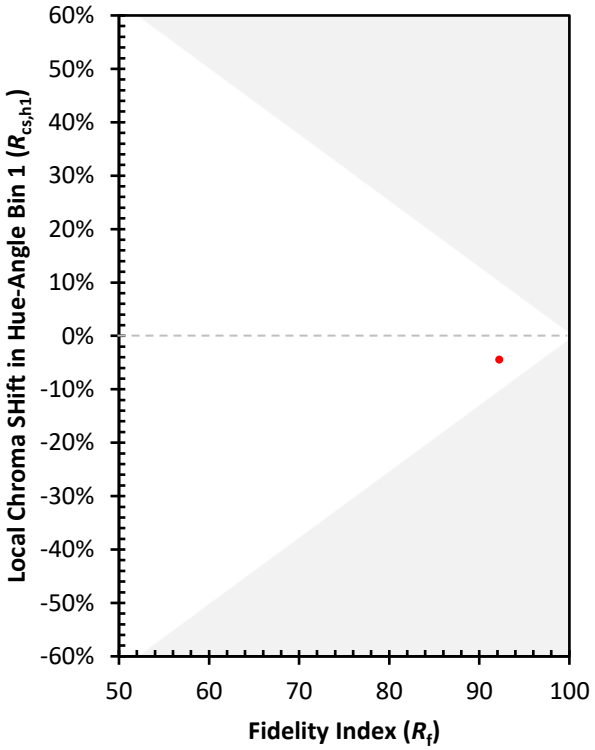
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### Measure Comparisons




(END OF REPORT)