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: P1364201

Luminaire Tested: **GSS-SB3C-730-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364201 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB3C-730-U-SLR |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC |
| Light Source: | (78) 3000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 19746 lumens |
| Efficiency: | N/A |
| Efficacy: | 131.6 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B3 - U0 - G3 |

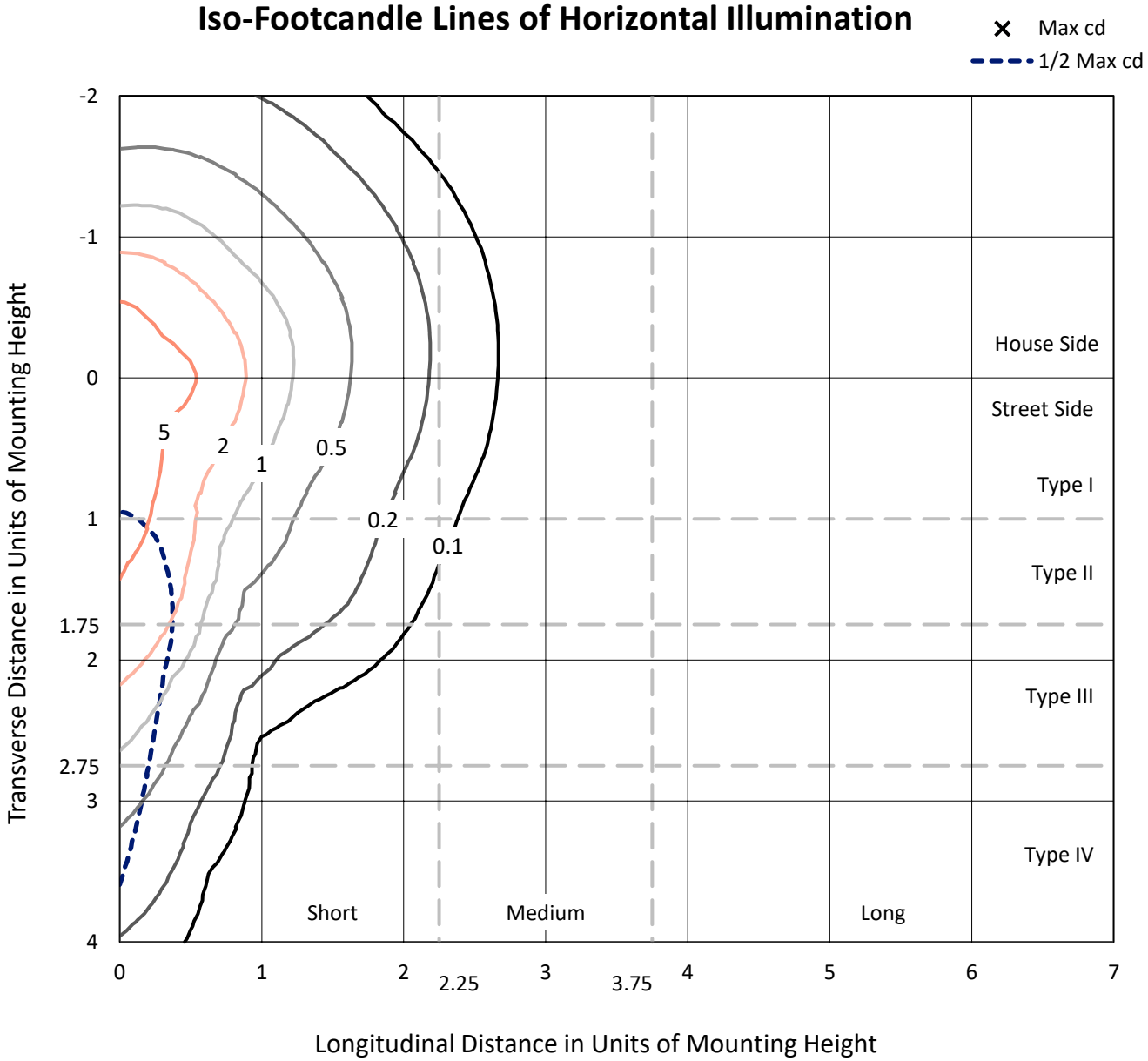
| | |
|---|---|
| Input Watts (W): | 150 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 6.3% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



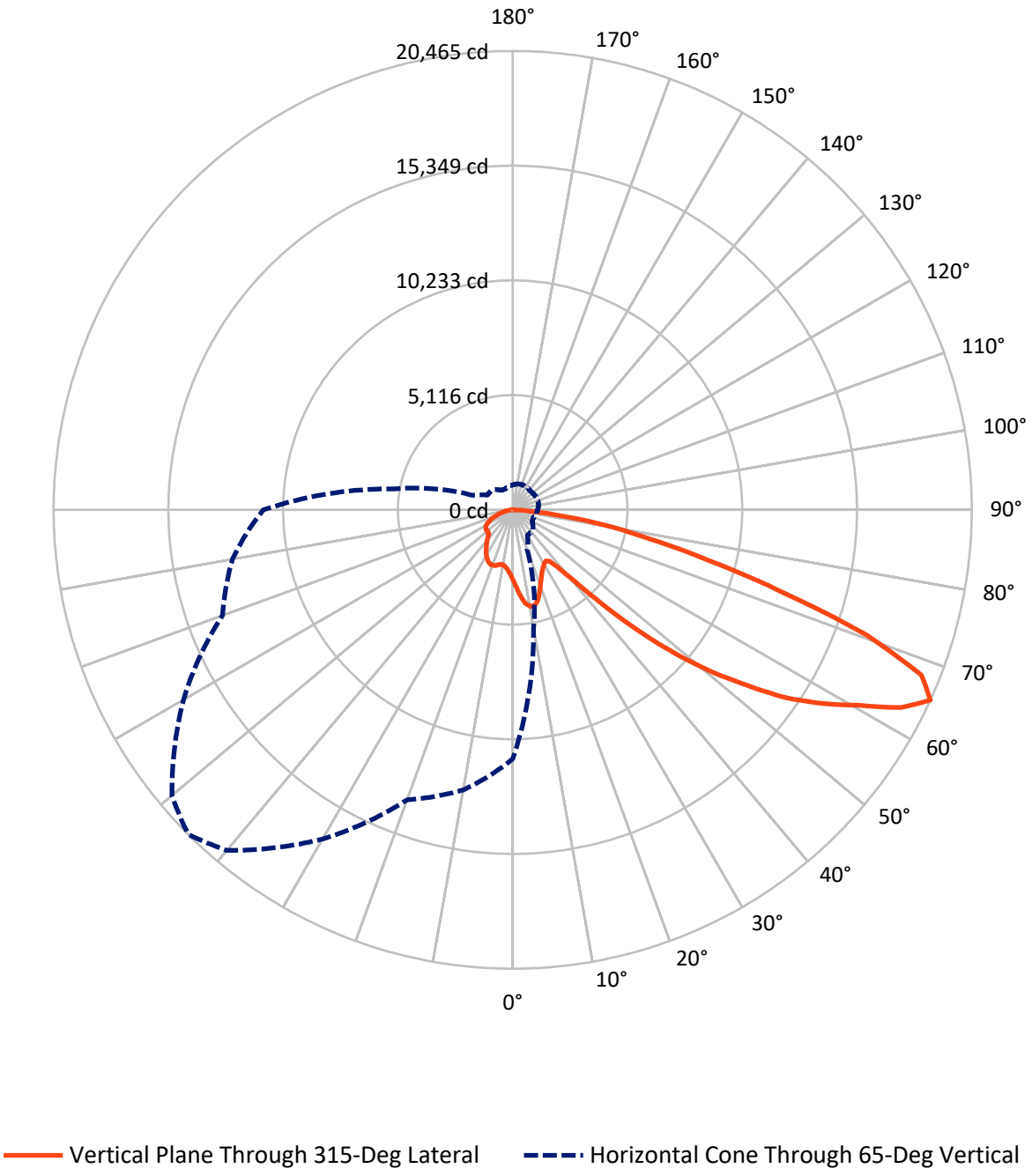

Based on 20 foot mounting height. Maximum calculated value = 9.4 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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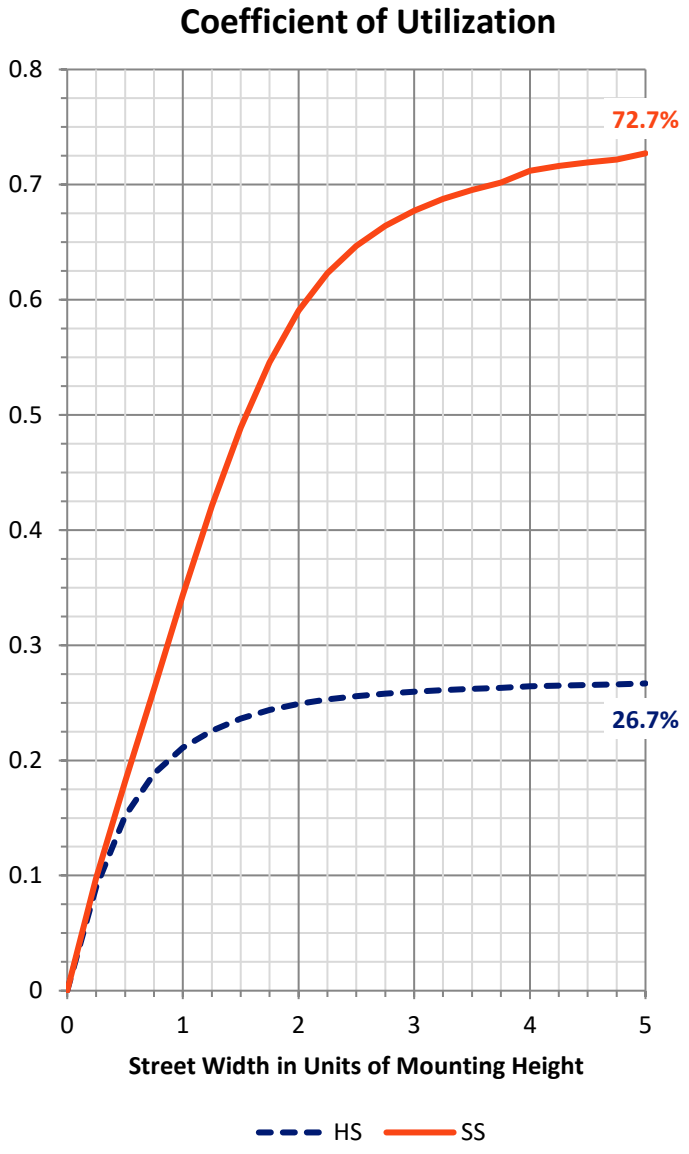
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 5312.1 | 0.0 | 5312.1 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 14433.9 | 0.0 | 14433.9 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 19746.0 | 0.0 | 19746.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 310.9 | 1.6 |
| 10°-20° | 952.7 | 4.8 |
| 20°-30° | 1474.5 | 7.5 |
| 30°-40° | 1829.4 | 9.3 |
| 40°-50° | 2675.1 | 13.5 |
| 50°-60° | 4190.3 | 21.2 |
| 60°-70° | 4972.0 | 25.2 |
| 70°-80° | 2899.9 | 14.7 |
| 80°-90° | 441.2 | 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° | 19746.0 | 100.0 |
| 0°-180° | 19746.0 | 100.0 |



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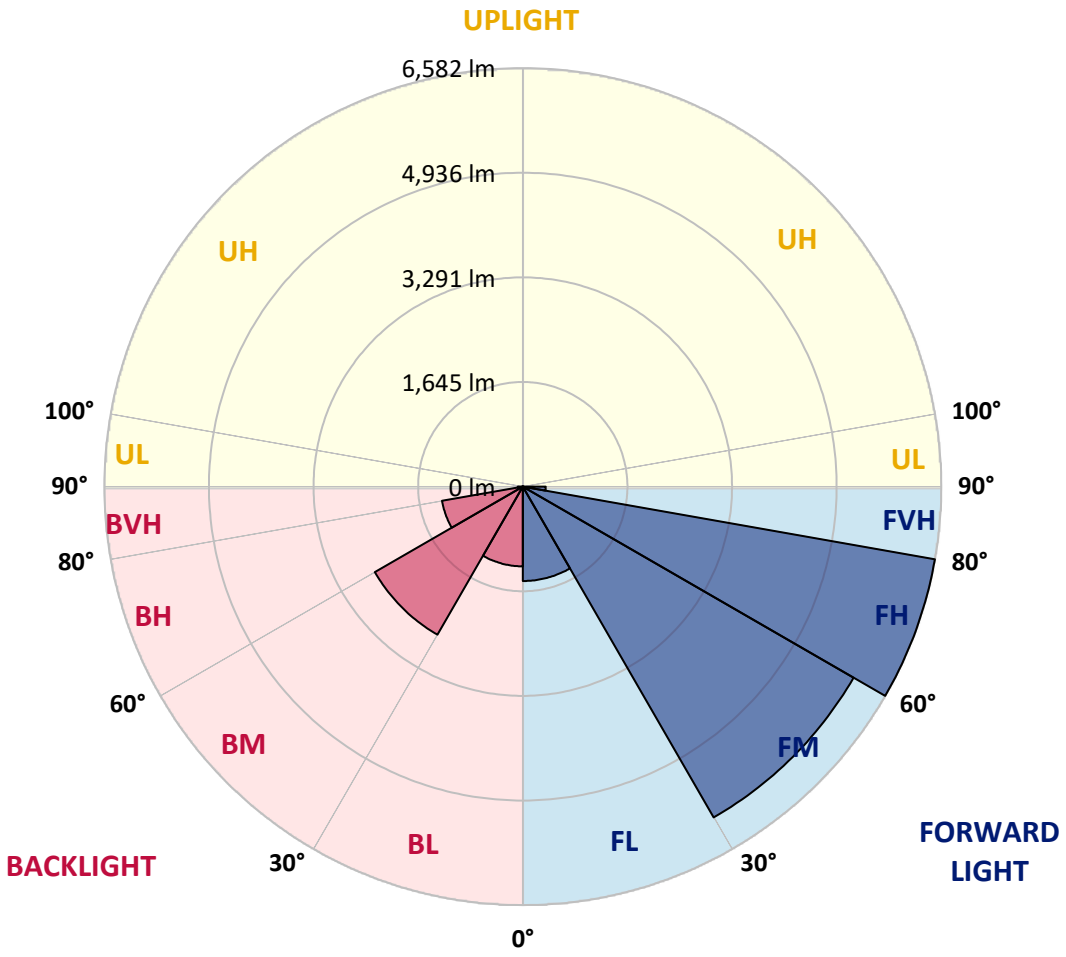
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1484.1 | 7.5 | | | |
| FM | (30°-60°) | 6007.1 | 30.4 | | | |
| FH | (60°-80°) | 6581.8 | 33.3 | | | G3/7500 |
| FVH | (80°-90°) | 360.8 | 1.8 | | | G3/500 |
| BL | (0°-30°) | 1254.0 | 6.4 | B3/2500 | | |
| BM | (30°-60°) | 2687.6 | 13.6 | B3/5000 | | |
| BH | (60°-80°) | 1290.1 | 6.5 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 80.4 | 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° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 |
| 2.5° | 3402.1 | 3371.1 | 3340.7 | 3312.7 | 3284.7 | 3256.7 | 3228.2 | 3201.2 | 3173.6 | 3146.1 | 3122.0 |
| 5° | 3633.8 | 3579.3 | 3525.2 | 3468.2 | 3411.7 | 3356.2 | 3300.6 | 3248.0 | 3195.9 | 3141.3 | 3094.4 |
| 7.5° | 3868.1 | 3776.3 | 3684.6 | 3598.1 | 3511.7 | 3434.4 | 3357.1 | 3288.1 | 3218.5 | 3146.1 | 3089.6 |
| 10° | 4015.3 | 3905.7 | 3795.6 | 3688.4 | 3580.7 | 3485.6 | 3390.0 | 3310.3 | 3230.6 | 3153.4 | 3093.0 |
| 12.5° | 4090.2 | 3981.1 | 3871.9 | 3751.7 | 3631.4 | 3524.7 | 3418.0 | 3330.1 | 3242.7 | 3158.2 | 3099.3 |
| 15° | 4126.4 | 4015.8 | 3905.7 | 3783.5 | 3661.4 | 3546.4 | 3431.0 | 3332.0 | 3233.0 | 3138.9 | 3086.7 |
| 17.5° | 4136.1 | 4032.7 | 3929.9 | 3799.5 | 3669.1 | 3537.7 | 3406.9 | 3291.5 | 3176.5 | 3066.4 | 3022.0 |
| 20° | 4167.5 | 4063.1 | 3958.8 | 3818.8 | 3678.8 | 3524.7 | 3370.7 | 3219.0 | 3067.4 | 2921.6 | 2893.6 |
| 22.5° | 4201.3 | 4105.6 | 4010.5 | 3856.5 | 3702.9 | 3514.6 | 3326.2 | 3136.0 | 2945.7 | 2771.9 | 2745.3 |
| 25° | 4254.4 | 4171.8 | 4089.2 | 3921.2 | 3753.1 | 3513.6 | 3274.1 | 3037.0 | 2799.9 | 2600.4 | 2598.0 |
| 27.5° | 4331.6 | 4268.4 | 4205.1 | 4015.8 | 3827.0 | 3522.8 | 3218.5 | 2935.6 | 2652.1 | 2448.3 | 2460.4 |
| 30° | 4440.3 | 4390.6 | 4341.3 | 4127.9 | 3913.9 | 3542.6 | 3171.7 | 2847.2 | 2523.2 | 2325.2 | 2338.2 |
| 32.5° | 4573.1 | 4542.2 | 4511.3 | 4259.7 | 4008.1 | 3564.8 | 3122.0 | 2769.9 | 2418.4 | 2235.8 | 2235.8 |
| 35° | 4797.6 | 4759.0 | 4720.4 | 4399.7 | 4079.6 | 3559.5 | 3039.9 | 2682.0 | 2323.7 | 2182.7 | 2152.8 |
| 37.5° | 5082.6 | 5036.7 | 4990.8 | 4570.7 | 4150.6 | 3544.5 | 2938.5 | 2584.5 | 2231.0 | 2119.9 | 2063.0 |
| 40° | 5502.7 | 5412.4 | 5321.6 | 4766.3 | 4210.9 | 3510.7 | 2810.5 | 2468.1 | 2125.7 | 2037.9 | 1966.4 |
| 42.5° | 6091.8 | 5900.6 | 5708.9 | 4982.6 | 4255.3 | 3452.3 | 2648.7 | 2329.5 | 2009.8 | 1948.5 | 1860.1 |
| 45° | 6823.4 | 6516.8 | 6210.1 | 5276.2 | 4342.3 | 3412.2 | 2482.1 | 2188.5 | 1895.4 | 1839.9 | 1752.0 |
| 47.5° | 7523.6 | 7135.4 | 6747.1 | 5578.0 | 4408.9 | 3365.4 | 2321.8 | 2048.5 | 1776.1 | 1711.9 | 1629.8 |
| 50° | 8334.9 | 7808.5 | 7282.2 | 5841.2 | 4400.2 | 3285.7 | 2170.6 | 1923.9 | 1676.6 | 1588.8 | 1507.6 |
| 52.5° | 9375.6 | 8539.7 | 7703.3 | 5965.8 | 4227.8 | 3122.5 | 2017.6 | 1811.9 | 1607.1 | 1494.6 | 1407.7 |
| 55° | 10619.0 | 9274.2 | 7929.3 | 5932.9 | 3936.6 | 2906.1 | 1874.6 | 1718.2 | 1560.7 | 1448.7 | 1346.3 |
| 57.5° | 11886.7 | 9890.8 | 7895.5 | 5753.8 | 3612.1 | 2679.6 | 1747.1 | 1639.0 | 1530.8 | 1436.6 | 1311.1 |
| 60° | 12838.0 | 10167.0 | 7495.6 | 5324.5 | 3153.4 | 2393.3 | 1633.2 | 1557.4 | 1481.5 | 1407.7 | 1282.1 |
| 62.5° | 12444.4 | 9554.2 | 6664.1 | 4620.9 | 2577.7 | 2030.1 | 1482.5 | 1440.0 | 1398.0 | 1366.6 | 1246.9 |
| 65° | *11116.4* | *8240.7* | *5365.1* | *3624.7* | *1884.3* | *1595.5* | *1306.3* | *1297.1* | *1288.4* | *1279.7* | *1180.7* |
| 67.5° | 9870.5 | 7077.4 | 4284.3 | 2820.6 | 1357.0 | 1219.8 | 1082.7 | 1108.3 | 1133.9 | 1146.9 | 1079.3 |
| 70° | 8677.8 | 6012.6 | 3347.5 | 2161.5 | 975.5 | 927.2 | 878.9 | 917.0 | 955.2 | 951.3 | 918.5 |
| 72.5° | 7448.8 | 4992.7 | 2536.2 | 1625.0 | 713.7 | 712.8 | 712.3 | 741.3 | 770.2 | 731.6 | 752.4 |
| 75° | 6099.1 | 3986.4 | 1873.7 | 1204.4 | 535.1 | 531.7 | 528.8 | 563.1 | 597.8 | 613.3 | 626.8 |
| 77.5° | 4056.4 | 2615.4 | 1174.4 | 778.4 | 382.5 | 385.4 | 387.3 | 425.0 | 462.6 | 507.0 | 509.5 |
| 80° | 2380.7 | 1499.4 | 618.1 | 430.3 | 242.4 | 245.3 | 247.2 | 286.8 | 326.0 | 388.7 | 386.3 |
| 82.5° | 1190.4 | 751.4 | 312.9 | 231.3 | 149.7 | 150.2 | 150.7 | 170.0 | 189.3 | 224.5 | 234.2 |
| 85° | 270.4 | 178.7 | 86.9 | 73.4 | 60.4 | 63.3 | 66.6 | 79.2 | 91.8 | 111.1 | 116.9 |
| 87.5° | 21.7 | 21.2 | 20.3 | 19.8 | 19.3 | 20.3 | 21.7 | 24.1 | 26.6 | 29.0 | 33.8 |
| 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° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 |
| 2.5° | 3095.9 | 3070.3 | 3050.0 | 3030.2 | 3012.8 | 2995.0 | 2974.2 | 2953.0 | 2938.0 | 2922.5 | 2912.4 |
| 5° | 3048.1 | 3002.7 | 2965.0 | 2927.4 | 2896.5 | 2864.6 | 2836.6 | 2808.1 | 2785.9 | 2763.2 | 2744.8 |
| 7.5° | 3033.1 | 2977.1 | 2928.3 | 2879.1 | 2837.5 | 2796.0 | 2761.2 | 2726.0 | 2692.7 | 2659.8 | 2638.6 |
| 10° | 3033.6 | 2974.7 | 2924.5 | 2874.2 | 2830.3 | 2786.4 | 2740.5 | 2694.6 | 2657.9 | 2621.2 | 2589.3 |
| 12.5° | 3050.0 | 3001.2 | 2966.0 | 2931.2 | 2890.7 | 2850.1 | 2795.5 | 2740.5 | 2690.7 | 2641.5 | 2602.4 |
| 15° | 3054.8 | 3023.0 | 3020.1 | 3017.2 | 3003.2 | 2989.2 | 2938.5 | 2887.8 | 2819.2 | 2750.1 | 2694.1 |
| 17.5° | 3017.7 | 3013.3 | 3061.1 | 3108.9 | 3136.5 | 3164.0 | 3128.7 | 3093.0 | 2996.4 | 2899.8 | 2816.3 |
| 20° | 2921.1 | 2948.1 | 3041.8 | 3135.0 | 3209.4 | 3283.7 | 3279.9 | 3276.5 | 3150.5 | 3023.9 | 2914.3 |
| 22.5° | 2785.9 | 2825.9 | 2948.1 | 3070.3 | 3177.5 | 3284.7 | 3312.2 | 3339.3 | 3215.7 | 3091.5 | 2956.3 |
| 25° | 2642.0 | 2685.9 | 2798.9 | 2911.9 | 3027.3 | 3142.7 | 3193.9 | 3245.1 | 3143.2 | 3041.3 | 2910.0 |
| 27.5° | 2502.4 | 2544.9 | 2628.9 | 2712.9 | 2805.7 | 2898.4 | 2955.8 | 3013.3 | 2951.0 | 2888.7 | 2782.5 |
| 30° | 2371.1 | 2403.9 | 2464.7 | 2525.6 | 2588.4 | 2651.1 | 2697.0 | 2742.9 | 2701.8 | 2660.8 | 2584.5 |
| 32.5° | 2249.8 | 2263.8 | 2303.4 | 2343.0 | 2389.9 | 2436.2 | 2461.8 | 2487.0 | 2455.1 | 2423.2 | 2373.0 |
| 35° | 2141.2 | 2129.6 | 2155.7 | 2181.8 | 2219.4 | 2257.6 | 2276.9 | 2296.2 | 2269.6 | 2243.1 | 2198.2 |
| 37.5° | 2032.1 | 2000.2 | 2012.7 | 2024.3 | 2056.7 | 2088.6 | 2116.1 | 2144.1 | 2124.8 | 2105.5 | 2067.3 |
| 40° | 1920.0 | 1873.7 | 1872.7 | 1871.2 | 1902.2 | 1932.6 | 1967.3 | 2001.6 | 1998.3 | 1994.4 | 1958.2 |
| 42.5° | 1801.2 | 1742.3 | 1736.0 | 1729.8 | 1760.2 | 1790.6 | 1827.3 | 1864.0 | 1871.2 | 1878.5 | 1848.6 |
| 45° | 1691.1 | 1631.2 | 1621.6 | 1611.9 | 1638.0 | 1665.0 | 1705.1 | 1745.7 | 1762.6 | 1779.5 | 1752.5 |
| 47.5° | 1578.1 | 1526.0 | 1520.2 | 1513.9 | 1541.4 | 1569.4 | 1613.9 | 1658.8 | 1676.6 | 1695.0 | 1676.6 |
| 50° | 1465.1 | 1422.1 | 1429.4 | 1436.6 | 1467.1 | 1497.0 | 1531.8 | 1567.0 | 1600.3 | 1633.2 | 1629.8 |
| 52.5° | 1375.8 | 1343.4 | 1366.1 | 1388.3 | 1415.9 | 1443.9 | 1480.1 | 1516.3 | 1551.1 | 1586.3 | 1591.6 |
| 55° | 1310.6 | 1274.9 | 1306.7 | 1338.6 | 1371.9 | 1405.2 | 1439.1 | 1472.9 | 1505.7 | 1538.0 | 1545.3 |
| 57.5° | 1260.9 | 1211.1 | 1243.0 | 1274.9 | 1311.1 | 1347.3 | 1381.1 | 1414.9 | 1453.1 | 1491.2 | 1497.0 |
| 60° | 1219.3 | 1156.6 | 1177.8 | 1198.6 | 1235.7 | 1272.4 | 1307.7 | 1342.5 | 1381.1 | 1419.7 | 1427.5 |
| 62.5° | 1164.8 | 1082.7 | 1085.6 | 1087.5 | 1129.5 | 1171.0 | 1200.0 | 1229.0 | 1265.7 | 1302.9 | 1314.0 |
| 65° | *1092.3* | *1004.4* | *994.8* | *985.1* | *1024.7* | *1064.8* | *1087.5* | *1110.7* | *1142.5* | *1174.4* | *1185.5* |
| 67.5° | 1001.5 | 923.3 | 903.5 | 883.7 | 920.4 | 957.1 | 975.9 | 994.8 | 1016.5 | 1038.2 | 1050.8 |
| 70° | 872.1 | 825.8 | 813.2 | 800.7 | 830.6 | 860.5 | 877.0 | 893.4 | 910.8 | 928.1 | 934.9 |
| 72.5° | 741.7 | 731.6 | 722.4 | 713.7 | 736.4 | 759.1 | 773.1 | 787.1 | 803.6 | 820.0 | 823.8 |
| 75° | 621.0 | 615.7 | 608.9 | 602.7 | 620.0 | 637.4 | 648.1 | 659.2 | 676.1 | 693.0 | 700.2 |
| 77.5° | 496.9 | 483.9 | 477.1 | 469.4 | 485.3 | 501.3 | 511.4 | 521.5 | 535.5 | 549.5 | 551.5 |
| 80° | 370.9 | 354.9 | 349.6 | 343.8 | 355.4 | 367.0 | 370.9 | 374.2 | 385.8 | 396.9 | 396.9 |
| 82.5° | 234.2 | 234.2 | 230.8 | 227.0 | 224.5 | 222.1 | 217.3 | 212.5 | 224.1 | 235.7 | 239.5 |
| 85° | 117.8 | 118.3 | 113.0 | 107.2 | 100.4 | 92.7 | 91.3 | 89.3 | 88.9 | 87.9 | 91.3 |
| 87.5° | 36.7 | 39.6 | 42.5 | 44.4 | 47.3 | 49.3 | 47.8 | 45.9 | 43.9 | 42.5 | 38.6 |
| 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° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 |
| 2.5° | 2902.2 | 2897.4 | 2892.6 | 2888.7 | 2885.3 | 2882.9 | 2885.3 | 2888.7 | 2892.6 | 2897.4 | 2902.2 |
| 5° | 2726.0 | 2718.3 | 2710.1 | 2704.7 | 2699.4 | 2694.6 | 2699.4 | 2704.7 | 2710.1 | 2718.3 | 2726.0 |
| 7.5° | 2617.3 | 2604.8 | 2592.2 | 2583.0 | 2573.9 | 2569.0 | 2573.9 | 2583.0 | 2592.2 | 2604.8 | 2617.3 |
| 10° | 2558.4 | 2540.6 | 2523.2 | 2513.5 | 2503.9 | 2496.6 | 2503.9 | 2513.5 | 2523.2 | 2540.6 | 2558.4 |
| 12.5° | 2563.2 | 2541.0 | 2519.8 | 2505.3 | 2490.8 | 2482.1 | 2490.8 | 2505.3 | 2519.8 | 2541.0 | 2563.2 |
| 15° | 2637.6 | 2606.7 | 2574.8 | 2557.0 | 2539.1 | 2525.6 | 2539.1 | 2557.0 | 2574.8 | 2606.7 | 2637.6 |
| 17.5° | 2733.2 | 2687.8 | 2642.4 | 2626.5 | 2610.1 | 2602.8 | 2610.1 | 2626.5 | 2642.4 | 2687.8 | 2733.2 |
| 20° | 2804.7 | 2743.9 | 2684.0 | 2659.8 | 2635.7 | 2627.0 | 2635.7 | 2659.8 | 2684.0 | 2743.9 | 2804.7 |
| 22.5° | 2821.1 | 2749.6 | 2677.7 | 2655.0 | 2631.8 | 2622.2 | 2631.8 | 2655.0 | 2677.7 | 2749.6 | 2821.1 |
| 25° | 2779.1 | 2703.8 | 2628.0 | 2604.8 | 2581.1 | 2573.9 | 2581.1 | 2604.8 | 2628.0 | 2703.8 | 2779.1 |
| 27.5° | 2676.2 | 2609.6 | 2542.5 | 2517.9 | 2492.7 | 2477.3 | 2492.7 | 2517.9 | 2542.5 | 2609.6 | 2676.2 |
| 30° | 2508.7 | 2458.9 | 2409.7 | 2394.2 | 2378.3 | 2371.1 | 2378.3 | 2394.2 | 2409.7 | 2458.9 | 2508.7 |
| 32.5° | 2322.8 | 2291.9 | 2261.0 | 2250.8 | 2240.7 | 2235.8 | 2240.7 | 2250.8 | 2261.0 | 2291.9 | 2322.8 |
| 35° | 2153.7 | 2131.5 | 2109.3 | 2101.1 | 2093.4 | 2086.1 | 2093.4 | 2101.1 | 2109.3 | 2131.5 | 2153.7 |
| 37.5° | 2029.2 | 2003.1 | 1976.0 | 1961.6 | 1947.1 | 1936.4 | 1947.1 | 1961.6 | 1976.0 | 2003.1 | 2029.2 |
| 40° | 1922.0 | 1884.3 | 1847.1 | 1827.3 | 1807.0 | 1796.4 | 1807.0 | 1827.3 | 1847.1 | 1884.3 | 1922.0 |
| 42.5° | 1818.1 | 1774.7 | 1731.2 | 1700.8 | 1670.8 | 1651.5 | 1670.8 | 1700.8 | 1731.2 | 1774.7 | 1818.1 |
| 45° | 1724.9 | 1676.2 | 1627.4 | 1591.2 | 1554.9 | 1530.8 | 1554.9 | 1591.2 | 1627.4 | 1676.2 | 1724.9 |
| 47.5° | 1658.8 | 1616.8 | 1574.3 | 1542.4 | 1510.5 | 1487.3 | 1510.5 | 1542.4 | 1574.3 | 1616.8 | 1658.8 |
| 50° | 1626.4 | 1593.1 | 1559.8 | 1529.8 | 1499.4 | 1477.7 | 1499.4 | 1529.8 | 1559.8 | 1593.1 | 1626.4 |
| 52.5° | 1597.4 | 1573.3 | 1549.2 | 1523.1 | 1497.0 | 1477.7 | 1497.0 | 1523.1 | 1549.2 | 1573.3 | 1597.4 |
| 55° | 1552.5 | 1535.1 | 1517.3 | 1498.0 | 1478.6 | 1463.2 | 1478.6 | 1498.0 | 1517.3 | 1535.1 | 1552.5 |
| 57.5° | 1502.8 | 1484.4 | 1465.6 | 1451.1 | 1436.6 | 1429.4 | 1436.6 | 1451.1 | 1465.6 | 1484.4 | 1502.8 |
| 60° | 1435.2 | 1420.7 | 1406.2 | 1392.7 | 1378.7 | 1366.6 | 1378.7 | 1392.7 | 1406.2 | 1420.7 | 1435.2 |
| 62.5° | 1325.6 | 1318.8 | 1312.5 | 1297.1 | 1282.1 | 1265.2 | 1282.1 | 1297.1 | 1312.5 | 1318.8 | 1325.6 |
| 65° | *1196.6* | *1193.3* | *1190.4* | *1179.2* | *1168.6* | *1149.3* | *1168.6* | *1179.2* | *1190.4* | *1193.3* | *1196.6* |
| 67.5° | 1063.4 | 1057.1 | 1050.3 | 1038.7 | 1027.6 | 1023.8 | 1027.6 | 1038.7 | 1050.3 | 1057.1 | 1063.4 |
| 70° | 941.7 | 932.0 | 922.3 | 896.3 | 870.2 | 840.3 | 870.2 | 896.3 | 922.3 | 932.0 | 941.7 |
| 72.5° | 828.2 | 813.2 | 797.8 | 767.3 | 736.4 | 705.0 | 736.4 | 767.3 | 797.8 | 813.2 | 828.2 |
| 75° | 707.5 | 686.2 | 665.4 | 633.1 | 601.2 | 579.5 | 601.2 | 633.1 | 665.4 | 686.2 | 707.5 |
| 77.5° | 554.4 | 536.0 | 517.7 | 498.4 | 479.0 | 468.4 | 479.0 | 498.4 | 517.7 | 536.0 | 554.4 |
| 80° | 396.9 | 383.4 | 369.4 | 359.8 | 350.1 | 342.9 | 350.1 | 359.8 | 369.4 | 383.4 | 396.9 |
| 82.5° | 243.9 | 237.6 | 231.8 | 221.2 | 210.1 | 202.8 | 210.1 | 221.2 | 231.8 | 237.6 | 243.9 |
| 85° | 94.2 | 92.7 | 91.8 | 87.9 | 84.5 | 82.1 | 84.5 | 87.9 | 91.8 | 92.7 | 94.2 |
| 87.5° | 34.8 | 31.9 | 29.0 | 27.0 | 25.1 | 24.1 | 25.1 | 27.0 | 29.0 | 31.9 | 34.8 |
| 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: P1364201
CATALOG NUMBER: GSS-SB3C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 |
| 2.5° | 2912.4 | 2922.5 | 2938.0 | 2953.0 | 2974.2 | 2995.0 | 3012.8 | 3030.2 | 3050.0 | 3070.3 | 3095.9 |
| 5° | 2744.8 | 2763.2 | 2785.9 | 2808.1 | 2836.6 | 2864.6 | 2896.5 | 2927.4 | 2965.0 | 3002.7 | 3048.1 |
| 7.5° | 2638.6 | 2659.8 | 2692.7 | 2726.0 | 2761.2 | 2796.0 | 2837.5 | 2879.1 | 2928.3 | 2977.1 | 3033.1 |
| 10° | 2589.3 | 2621.2 | 2657.9 | 2694.6 | 2740.5 | 2786.4 | 2830.3 | 2874.2 | 2924.5 | 2974.7 | 3033.6 |
| 12.5° | 2602.4 | 2641.5 | 2690.7 | 2740.5 | 2795.5 | 2850.1 | 2890.7 | 2931.2 | 2966.0 | 3001.2 | 3050.0 |
| 15° | 2694.1 | 2750.1 | 2819.2 | 2887.8 | 2938.5 | 2989.2 | 3003.2 | 3017.2 | 3020.1 | 3023.0 | 3054.8 |
| 17.5° | 2816.3 | 2899.8 | 2996.4 | 3093.0 | 3128.7 | 3164.0 | 3136.5 | 3108.9 | 3061.1 | 3013.3 | 3017.7 |
| 20° | 2914.3 | 3023.9 | 3150.5 | 3276.5 | 3279.9 | 3283.7 | 3209.4 | 3135.0 | 3041.8 | 2948.1 | 2921.1 |
| 22.5° | 2956.3 | 3091.5 | 3215.7 | 3339.3 | 3312.2 | 3284.7 | 3177.5 | 3070.3 | 2948.1 | 2825.9 | 2785.9 |
| 25° | 2910.0 | 3041.3 | 3143.2 | 3245.1 | 3193.9 | 3142.7 | 3027.3 | 2911.9 | 2798.9 | 2685.9 | 2642.0 |
| 27.5° | 2782.5 | 2888.7 | 2951.0 | 3013.3 | 2955.8 | 2898.4 | 2805.7 | 2712.9 | 2628.9 | 2544.9 | 2502.4 |
| 30° | 2584.5 | 2660.8 | 2701.8 | 2742.9 | 2697.0 | 2651.1 | 2588.4 | 2525.6 | 2464.7 | 2403.9 | 2371.1 |
| 32.5° | 2373.0 | 2423.2 | 2455.1 | 2487.0 | 2461.8 | 2436.2 | 2389.9 | 2343.0 | 2303.4 | 2263.8 | 2249.8 |
| 35° | 2198.2 | 2243.1 | 2269.6 | 2296.2 | 2276.9 | 2257.6 | 2219.4 | 2181.8 | 2155.7 | 2129.6 | 2141.2 |
| 37.5° | 2067.3 | 2105.5 | 2124.8 | 2144.1 | 2116.1 | 2088.6 | 2056.7 | 2024.3 | 2012.7 | 2000.2 | 2032.1 |
| 40° | 1958.2 | 1994.4 | 1998.3 | 2001.6 | 1967.3 | 1932.6 | 1902.2 | 1871.2 | 1872.7 | 1873.7 | 1920.0 |
| 42.5° | 1848.6 | 1878.5 | 1871.2 | 1864.0 | 1827.3 | 1790.6 | 1760.2 | 1729.8 | 1736.0 | 1742.3 | 1801.2 |
| 45° | 1752.5 | 1779.5 | 1762.6 | 1745.7 | 1705.1 | 1665.0 | 1638.0 | 1611.9 | 1621.6 | 1631.2 | 1691.1 |
| 47.5° | 1676.6 | 1695.0 | 1676.6 | 1658.8 | 1613.9 | 1569.4 | 1541.4 | 1513.9 | 1520.2 | 1526.0 | 1578.1 |
| 50° | 1629.8 | 1633.2 | 1600.3 | 1567.0 | 1531.8 | 1497.0 | 1467.1 | 1436.6 | 1429.4 | 1422.1 | 1465.1 |
| 52.5° | 1591.6 | 1586.3 | 1551.1 | 1516.3 | 1480.1 | 1443.9 | 1415.9 | 1388.3 | 1366.1 | 1343.4 | 1375.8 |
| 55° | 1545.3 | 1538.0 | 1505.7 | 1472.9 | 1439.1 | 1405.2 | 1371.9 | 1338.6 | 1306.7 | 1274.9 | 1310.6 |
| 57.5° | 1497.0 | 1491.2 | 1453.1 | 1414.9 | 1381.1 | 1347.3 | 1311.1 | 1274.9 | 1243.0 | 1211.1 | 1260.9 |
| 60° | 1427.5 | 1419.7 | 1381.1 | 1342.5 | 1307.7 | 1272.4 | 1235.7 | 1198.6 | 1177.8 | 1156.6 | 1219.3 |
| 62.5° | 1314.0 | 1302.9 | 1265.7 | 1229.0 | 1200.0 | 1171.0 | 1129.5 | 1087.5 | 1085.6 | 1082.7 | 1164.8 |
| 65° | *1185.5* | *1174.4* | *1142.5* | *1110.7* | *1087.5* | *1064.8* | *1024.7* | *985.1* | *994.8* | *1004.4* | *1092.3* |
| 67.5° | 1050.8 | 1038.2 | 1016.5 | 994.8 | 975.9 | 957.1 | 920.4 | 883.7 | 903.5 | 923.3 | 1001.5 |
| 70° | 934.9 | 928.1 | 910.8 | 893.4 | 877.0 | 860.5 | 830.6 | 800.7 | 813.2 | 825.8 | 872.1 |
| 72.5° | 823.8 | 820.0 | 803.6 | 787.1 | 773.1 | 759.1 | 736.4 | 713.7 | 722.4 | 731.6 | 741.7 |
| 75° | 700.2 | 693.0 | 676.1 | 659.2 | 648.1 | 637.4 | 620.0 | 602.7 | 608.9 | 615.7 | 621.0 |
| 77.5° | 551.5 | 549.5 | 535.5 | 521.5 | 511.4 | 501.3 | 485.3 | 469.4 | 477.1 | 483.9 | 496.9 |
| 80° | 396.9 | 396.9 | 385.8 | 374.2 | 370.9 | 367.0 | 355.4 | 343.8 | 349.6 | 354.9 | 370.9 |
| 82.5° | 239.5 | 235.7 | 224.1 | 212.5 | 217.3 | 222.1 | 224.5 | 227.0 | 230.8 | 234.2 | 234.2 |
| 85° | 91.3 | 87.9 | 88.9 | 89.3 | 91.3 | 92.7 | 100.4 | 107.2 | 113.0 | 118.3 | 117.8 |
| 87.5° | 38.6 | 42.5 | 43.9 | 45.9 | 47.8 | 49.3 | 47.3 | 44.4 | 42.5 | 39.6 | 36.7 |
| 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: P1364201
CATALOG NUMBER: GSS-SB3C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 |
| 2.5° | 3122.0 | 3146.1 | 3173.6 | 3201.2 | 3228.2 | 3256.7 | 3284.7 | 3312.7 | 3340.7 | 3371.1 | 3402.1 |
| 5° | 3094.4 | 3141.3 | 3195.9 | 3248.0 | 3300.6 | 3356.2 | 3411.7 | 3468.2 | 3525.2 | 3579.3 | 3633.8 |
| 7.5° | 3089.6 | 3146.1 | 3218.5 | 3288.1 | 3357.1 | 3434.4 | 3511.7 | 3598.1 | 3684.6 | 3776.3 | 3868.1 |
| 10° | 3093.0 | 3153.4 | 3230.6 | 3310.3 | 3390.0 | 3485.6 | 3580.7 | 3688.4 | 3795.6 | 3905.7 | 4015.3 |
| 12.5° | 3099.3 | 3158.2 | 3242.7 | 3330.1 | 3418.0 | 3524.7 | 3631.4 | 3751.7 | 3871.9 | 3981.1 | 4090.2 |
| 15° | 3086.7 | 3138.9 | 3233.0 | 3332.0 | 3431.0 | 3546.4 | 3661.4 | 3783.5 | 3905.7 | 4015.8 | 4126.4 |
| 17.5° | 3022.0 | 3066.4 | 3176.5 | 3291.5 | 3406.9 | 3537.7 | 3669.1 | 3799.5 | 3929.9 | 4032.7 | 4136.1 |
| 20° | 2893.6 | 2921.6 | 3067.4 | 3219.0 | 3370.7 | 3524.7 | 3678.8 | 3818.8 | 3958.8 | 4063.1 | 4167.5 |
| 22.5° | 2745.3 | 2771.9 | 2945.7 | 3136.0 | 3326.2 | 3514.6 | 3702.9 | 3856.5 | 4010.5 | 4105.6 | 4201.3 |
| 25° | 2598.0 | 2600.4 | 2799.9 | 3037.0 | 3274.1 | 3513.6 | 3753.1 | 3921.2 | 4089.2 | 4171.8 | 4254.4 |
| 27.5° | 2460.4 | 2448.3 | 2652.1 | 2935.6 | 3218.5 | 3522.8 | 3827.0 | 4015.8 | 4205.1 | 4268.4 | 4331.6 |
| 30° | 2338.2 | 2325.2 | 2523.2 | 2847.2 | 3171.7 | 3542.6 | 3913.9 | 4127.9 | 4341.3 | 4390.6 | 4440.3 |
| 32.5° | 2235.8 | 2235.8 | 2418.4 | 2769.9 | 3122.0 | 3564.8 | 4008.1 | 4259.7 | 4511.3 | 4542.2 | 4573.1 |
| 35° | 2152.8 | 2182.7 | 2323.7 | 2682.0 | 3039.9 | 3559.5 | 4079.6 | 4399.7 | 4720.4 | 4759.0 | 4797.6 |
| 37.5° | 2063.0 | 2119.9 | 2231.0 | 2584.5 | 2938.5 | 3544.5 | 4150.6 | 4570.7 | 4990.8 | 5036.7 | 5082.6 |
| 40° | 1966.4 | 2037.9 | 2125.7 | 2468.1 | 2810.5 | 3510.7 | 4210.9 | 4766.3 | 5321.6 | 5412.4 | 5502.7 |
| 42.5° | 1860.1 | 1948.5 | 2009.8 | 2329.5 | 2648.7 | 3452.3 | 4255.3 | 4982.6 | 5708.9 | 5900.6 | 6091.8 |
| 45° | 1752.0 | 1839.9 | 1895.4 | 2188.5 | 2482.1 | 3412.2 | 4342.3 | 5276.2 | 6210.1 | 6516.8 | 6823.4 |
| 47.5° | 1629.8 | 1711.9 | 1776.1 | 2048.5 | 2321.8 | 3365.4 | 4408.9 | 5578.0 | 6747.1 | 7135.4 | 7523.6 |
| 50° | 1507.6 | 1588.8 | 1676.6 | 1923.9 | 2170.6 | 3285.7 | 4400.2 | 5841.2 | 7282.2 | 7808.5 | 8334.9 |
| 52.5° | 1407.7 | 1494.6 | 1607.1 | 1811.9 | 2017.6 | 3122.5 | 4227.8 | 5965.8 | 7703.3 | 8539.7 | 9375.6 |
| 55° | 1346.3 | 1448.7 | 1560.7 | 1718.2 | 1874.6 | 2906.1 | 3936.6 | 5932.9 | 7929.3 | 9274.2 | 10619.0 |
| 57.5° | 1311.1 | 1436.6 | 1530.8 | 1639.0 | 1747.1 | 2679.6 | 3612.1 | 5753.8 | 7895.5 | 9890.8 | 11886.7 |
| 60° | 1282.1 | 1407.7 | 1481.5 | 1557.4 | 1633.2 | 2393.3 | 3153.4 | 5324.5 | 7495.6 | 10167.0 | 12838.0 |
| 62.5° | 1246.9 | 1366.6 | 1398.0 | 1440.0 | 1482.5 | 2030.1 | 2577.7 | 4620.9 | 6664.1 | 9554.2 | 12444.4 |
| 65° | *1180.7* | *1279.7* | *1288.4* | *1297.1* | *1306.3* | *1595.5* | *1884.3* | *3624.7* | *5365.1* | *8240.7* | *11116.4* |
| 67.5° | 1079.3 | 1146.9 | 1133.9 | 1108.3 | 1082.7 | 1219.8 | 1357.0 | 2820.6 | 4284.3 | 7077.4 | 9870.5 |
| 70° | 918.5 | 951.3 | 955.2 | 917.0 | 878.9 | 927.2 | 975.5 | 2161.5 | 3347.5 | 6012.6 | 8677.8 |
| 72.5° | 752.4 | 731.6 | 770.2 | 741.3 | 712.3 | 712.8 | 713.7 | 1625.0 | 2536.2 | 4992.7 | 7448.8 |
| 75° | 626.8 | 613.3 | 597.8 | 563.1 | 528.8 | 531.7 | 535.1 | 1204.4 | 1873.7 | 3986.4 | 6099.1 |
| 77.5° | 509.5 | 507.0 | 462.6 | 425.0 | 387.3 | 385.4 | 382.5 | 778.4 | 1174.4 | 2615.4 | 4056.4 |
| 80° | 386.3 | 388.7 | 326.0 | 286.8 | 247.2 | 245.3 | 242.4 | 430.3 | 618.1 | 1499.4 | 2380.7 |
| 82.5° | 234.2 | 224.5 | 189.3 | 170.0 | 150.7 | 150.2 | 149.7 | 231.3 | 312.9 | 751.4 | 1190.4 |
| 85° | 116.9 | 111.1 | 91.8 | 79.2 | 66.6 | 63.3 | 60.4 | 73.4 | 86.9 | 178.7 | 270.4 |
| 87.5° | 33.8 | 29.0 | 26.6 | 24.1 | 21.7 | 20.3 | 19.3 | 19.8 | 20.3 | 21.2 | 21.7 |
| 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: P1364201
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**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | *3148.5* | 3148.5 | 3148.5 |
| 2.5° | 3414.1 | 3426.2 | 3439.2 | 3452.8 | 3460.5 | 3468.2 | 3476.4 | 3484.1 | *3491.4* | 3484.1 | 3476.4 |
| 5° | 3688.4 | 3742.5 | 3779.2 | 3815.9 | 3843.9 | 3871.9 | 3887.9 | 3904.3 | *3906.7* | 3904.3 | 3887.9 |
| 7.5° | 3932.8 | 3997.5 | 4053.5 | 4109.5 | 4145.2 | 4181.0 | 4201.7 | 4223.0 | *4230.2* | 4223.0 | 4201.7 |
| 10° | 4091.2 | 4167.5 | 4221.5 | 4276.1 | 4309.4 | 4342.3 | 4358.7 | 4375.1 | *4379.9* | 4375.1 | 4358.7 |
| 12.5° | 4163.1 | 4236.0 | 4278.0 | 4319.6 | 4340.8 | 4361.6 | 4369.3 | 4376.1 | *4370.3* | 4376.1 | 4369.3 |
| 15° | 4169.4 | 4211.9 | 4229.7 | 4247.1 | 4237.0 | 4226.4 | 4211.4 | 4196.4 | *4186.8* | 4196.4 | 4211.4 |
| 17.5° | 4151.0 | 4166.5 | 4134.1 | 4102.3 | 4044.3 | 3986.4 | 3942.9 | 3899.4 | *3868.1* | 3899.4 | 3942.9 |
| 20° | 4143.3 | 4119.2 | 4033.2 | 3947.7 | 3839.1 | 3730.4 | 3657.5 | 3584.1 | *3539.7* | 3584.1 | 3657.5 |
| 22.5° | 4133.2 | 4065.1 | 3920.7 | 3776.3 | 3627.6 | 3479.3 | 3395.3 | 3311.7 | *3264.4* | 3311.7 | 3395.3 |
| 25° | 4137.5 | 4020.2 | 3825.1 | 3630.5 | 3455.7 | 3281.3 | 3190.1 | 3099.3 | *3047.1* | 3099.3 | 3190.1 |
| 27.5° | 4153.0 | 3974.3 | 3732.8 | 3491.4 | 3302.1 | 3112.3 | 3025.4 | 2938.5 | *2892.6* | 2938.5 | 3025.4 |
| 30° | 4203.2 | 3965.6 | 3676.8 | 3387.6 | 3189.6 | 2991.6 | 2906.6 | 2821.1 | *2771.9* | 2821.1 | 2906.6 |
| 32.5° | 4273.7 | 3974.3 | 3650.7 | 3327.2 | 3125.3 | 2924.0 | 2842.4 | 2761.2 | *2718.7* | 2761.2 | 2842.4 |
| 35° | 4418.6 | 4039.5 | 3680.7 | 3322.4 | 3135.0 | 2948.1 | 2888.2 | 2828.8 | *2805.7* | 2828.8 | 2888.2 |
| 37.5° | 4639.7 | 4196.4 | 3827.0 | 3457.6 | 3330.1 | 3202.6 | 3202.6 | 3202.6 | *3221.0* | 3202.6 | 3202.6 |
| 40° | 5005.3 | 4507.9 | 4158.3 | 3809.1 | 3801.4 | 3794.7 | 3875.8 | 3957.4 | *3993.6* | 3957.4 | 3875.8 |
| 42.5° | 5565.9 | 5040.5 | 4758.5 | 4476.5 | 4645.5 | 4814.5 | 5049.2 | 5283.9 | *5437.5* | 5283.9 | 5049.2 |
| 45° | 6311.5 | 5799.7 | 5602.6 | 5406.1 | 5782.3 | 6158.0 | 6572.8 | 6987.6 | *7282.2* | 6987.6 | 6572.8 |
| 47.5° | 7092.9 | 6661.6 | 6549.1 | 6437.1 | 7062.5 | 7687.8 | 8295.8 | 8903.8 | *9262.1* | 8903.8 | 8295.8 |
| 50° | 7947.6 | 7559.8 | 7538.1 | 7516.4 | 8349.4 | 9182.4 | 9967.1 | 10751.8 | *11188.9* | 10751.8 | 9967.1 |
| 52.5° | 8950.1 | 8524.2 | 8541.6 | 8558.0 | 9547.5 | 10536.9 | 11485.8 | 12434.8 | *12927.3* | 12434.8 | 11485.8 |
| 55° | 10085.4 | 9551.8 | 9548.9 | 9546.0 | 10682.8 | 11820.5 | 12986.2 | 14152.9 | *14810.6* | 14152.9 | 12986.2 |
| 57.5° | 11386.9 | 10887.0 | 10768.3 | 10649.0 | 11837.9 | 13026.3 | 14313.7 | 15601.6 | *16293.1* | 15601.6 | 14313.7 |
| 60° | 12562.7 | 12287.5 | 12097.2 | 11907.4 | 13128.2 | 14349.5 | 15679.4 | 17008.8 | *17698.4* | 17008.8 | 15679.4 |
| 62.5° | 12936.5 | 13428.6 | 13414.6 | 13400.6 | 14718.4 | 16036.2 | 17419.3 | 18803.3 | *19422.4* | 18803.3 | 17419.3 |
| 65° | *11901.1* | *12685.9* | *13225.7* | *13765.2* | *15358.2* | *16950.9* | *18391.8* | *19832.8* | *20465.4* | *19832.8* | *18391.8* |
| 67.5° | 10562.1 | 11254.1 | 11695.9 | 12137.8 | 13932.7 | 15728.2 | 17363.3 | 18998.4 | *19649.3* | 18998.4 | 17363.3 |
| 70° | 9443.7 | 10209.5 | 10525.4 | 10841.2 | 12366.2 | 13890.7 | 15184.4 | 16477.6 | *16732.6* | 16477.6 | 15184.4 |
| 72.5° | 8359.5 | 9270.8 | 9404.5 | 9538.3 | 10648.0 | 11757.7 | 12446.8 | 13135.9 | *12579.6* | 13135.9 | 12446.8 |
| 75° | 7126.7 | 8153.8 | 8243.2 | 8332.5 | 8678.3 | 9024.5 | 9199.8 | 9375.6 | *9059.3* | 9375.6 | 9199.8 |
| 77.5° | 4945.9 | 5835.9 | 6036.3 | 6236.7 | 6467.0 | 6697.9 | 6685.8 | 6673.7 | *6229.4* | 6673.7 | 6685.8 |
| 80° | 3076.6 | 3772.4 | 3798.5 | 3824.6 | 3997.5 | 4169.9 | 4346.1 | 4522.4 | *4239.9* | 4522.4 | 4346.1 |
| 82.5° | 1572.3 | 1954.8 | 2013.7 | 2072.6 | 2178.4 | 2284.1 | 2333.4 | 2383.1 | *2144.1* | 2383.1 | 2333.4 |
| 85° | 369.9 | 469.4 | 565.5 | 661.6 | 772.6 | 883.7 | 871.2 | 858.6 | *724.4* | 858.6 | 871.2 |
| 87.5° | 22.2 | 23.2 | 23.7 | 24.1 | 24.6 | 25.1 | 26.6 | 28.0 | *29.0* | 28.0 | 26.6 |
| 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: P1364201
CATALOG NUMBER: GSS-SB3C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 | 3148.5 |
| 2.5° | 3468.2 | 3460.5 | 3452.8 | 3439.2 | 3426.2 | 3414.1 | 3402.1 |
| 5° | 3871.9 | 3843.9 | 3815.9 | 3779.2 | 3742.5 | 3688.4 | 3633.8 |
| 7.5° | 4181.0 | 4145.2 | 4109.5 | 4053.5 | 3997.5 | 3932.8 | 3868.1 |
| 10° | 4342.3 | 4309.4 | 4276.1 | 4221.5 | 4167.5 | 4091.2 | 4015.3 |
| 12.5° | 4361.6 | 4340.8 | 4319.6 | 4278.0 | 4236.0 | 4163.1 | 4090.2 |
| 15° | 4226.4 | 4237.0 | 4247.1 | 4229.7 | 4211.9 | 4169.4 | 4126.4 |
| 17.5° | 3986.4 | 4044.3 | 4102.3 | 4134.1 | 4166.5 | 4151.0 | 4136.1 |
| 20° | 3730.4 | 3839.1 | 3947.7 | 4033.2 | 4119.2 | 4143.3 | 4167.5 |
| 22.5° | 3479.3 | 3627.6 | 3776.3 | 3920.7 | 4065.1 | 4133.2 | 4201.3 |
| 25° | 3281.3 | 3455.7 | 3630.5 | 3825.1 | 4020.2 | 4137.5 | 4254.4 |
| 27.5° | 3112.3 | 3302.1 | 3491.4 | 3732.8 | 3974.3 | 4153.0 | 4331.6 |
| 30° | 2991.6 | 3189.6 | 3387.6 | 3676.8 | 3965.6 | 4203.2 | 4440.3 |
| 32.5° | 2924.0 | 3125.3 | 3327.2 | 3650.7 | 3974.3 | 4273.7 | 4573.1 |
| 35° | 2948.1 | 3135.0 | 3322.4 | 3680.7 | 4039.5 | 4418.6 | 4797.6 |
| 37.5° | 3202.6 | 3330.1 | 3457.6 | 3827.0 | 4196.4 | 4639.7 | 5082.6 |
| 40° | 3794.7 | 3801.4 | 3809.1 | 4158.3 | 4507.9 | 5005.3 | 5502.7 |
| 42.5° | 4814.5 | 4645.5 | 4476.5 | 4758.5 | 5040.5 | 5565.9 | 6091.8 |
| 45° | 6158.0 | 5782.3 | 5406.1 | 5602.6 | 5799.7 | 6311.5 | 6823.4 |
| 47.5° | 7687.8 | 7062.5 | 6437.1 | 6549.1 | 6661.6 | 7092.9 | 7523.6 |
| 50° | 9182.4 | 8349.4 | 7516.4 | 7538.1 | 7559.8 | 7947.6 | 8334.9 |
| 52.5° | 10536.9 | 9547.5 | 8558.0 | 8541.6 | 8524.2 | 8950.1 | 9375.6 |
| 55° | 11820.5 | 10682.8 | 9546.0 | 9548.9 | 9551.8 | 10085.4 | 10619.0 |
| 57.5° | 13026.3 | 11837.9 | 10649.0 | 10768.3 | 10887.0 | 11386.9 | 11886.7 |
| 60° | 14349.5 | 13128.2 | 11907.4 | 12097.2 | 12287.5 | 12562.7 | 12838.0 |
| 62.5° | 16036.2 | 14718.4 | 13400.6 | 13414.6 | 13428.6 | 12936.5 | 12444.4 |
| 65° | *16950.9* | *15358.2* | *13765.2* | *13225.7* | *12685.9* | *11901.1* | *11116.4* |
| 67.5° | 15728.2 | 13932.7 | 12137.8 | 11695.9 | 11254.1 | 10562.1 | 9870.5 |
| 70° | 13890.7 | 12366.2 | 10841.2 | 10525.4 | 10209.5 | 9443.7 | 8677.8 |
| 72.5° | 11757.7 | 10648.0 | 9538.3 | 9404.5 | 9270.8 | 8359.5 | 7448.8 |
| 75° | 9024.5 | 8678.3 | 8332.5 | 8243.2 | 8153.8 | 7126.7 | 6099.1 |
| 77.5° | 6697.9 | 6467.0 | 6236.7 | 6036.3 | 5835.9 | 4945.9 | 4056.4 |
| 80° | 4169.9 | 3997.5 | 3824.6 | 3798.5 | 3772.4 | 3076.6 | 2380.7 |
| 82.5° | 2284.1 | 2178.4 | 2072.6 | 2013.7 | 1954.8 | 1572.3 | 1190.4 |
| 85° | 883.7 | 772.6 | 661.6 | 565.5 | 469.4 | 369.9 | 270.4 |
| 87.5° | 25.1 | 24.6 | 24.1 | 23.7 | 23.2 | 22.2 | 21.7 |
| 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-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

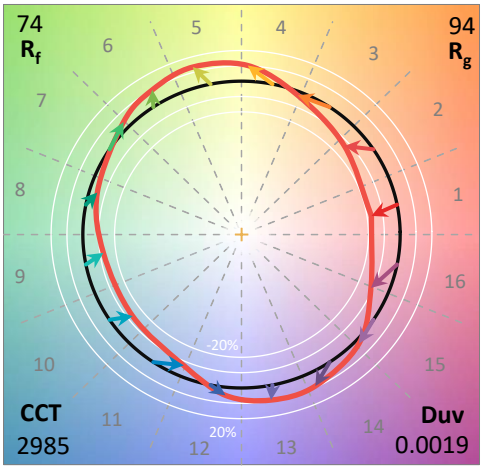
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-4 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 - 76IN SPHERE |
| Measurement Geometry: | 4π |
| Issue Date: | 10/15/2024 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGraw-Edison |
| Catalog Number: | **GSS-SB1A-730-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 2985 |
| CIE u': | 0.2504 |
| CIE v': | 0.5243 |
| Duv: | 0.0019 |
| CIE x: | 0.4408 |
| CIE y: | 0.4101 |
| CIE z: | 0.1491 |
| Peak Wavelength (nm): | 595 |
| Dominant Wavelength (nm): | 582 |
| Purity: | 55.41818 |
| Rf: | 73.8 |
| Rg: | 94.4 |

| | |
|---|---|
| CRI (Ra): | 70.8 |
| R1: | 66.3 |
| R2: | 80.6 |
| R3: | 94.5 |
| R4: | 68.2 |
| R5: | 66.5 |
| R6: | 74.7 |
| R7: | 76.2 |
| R8: | 39.6 |
| R9: | -43.2 |
| R10: | 57.6 |
| R11: | 64.8 |
| R12: | 53.5 |
| R13: | 68.7 |
| R14: | 97.0 |
| R15: | 56.4 |



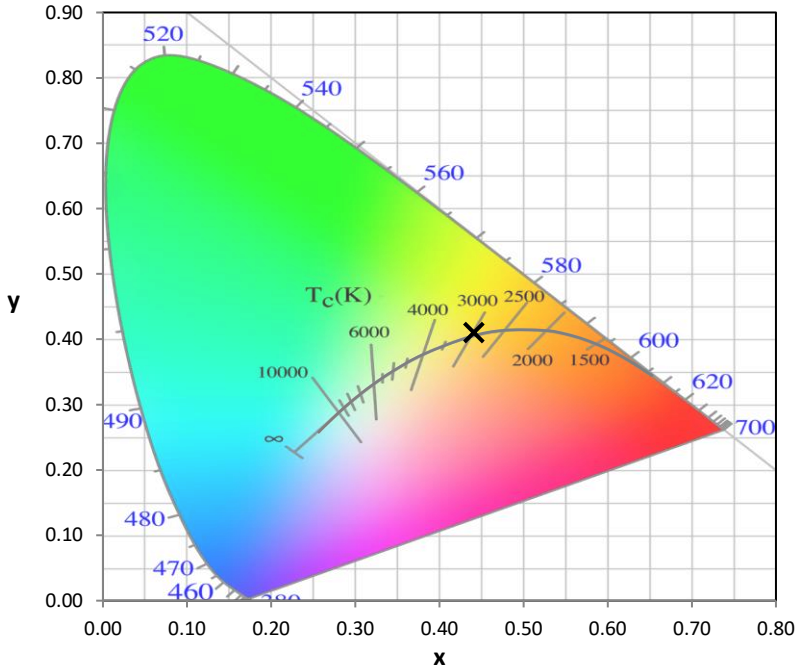

## Test Conditions

| | |
|---|---|
| Stabilization Time: | 36M |
| Operation Time: | 1H 36M |
| Sphere Temperature (°C): | 25.2 |

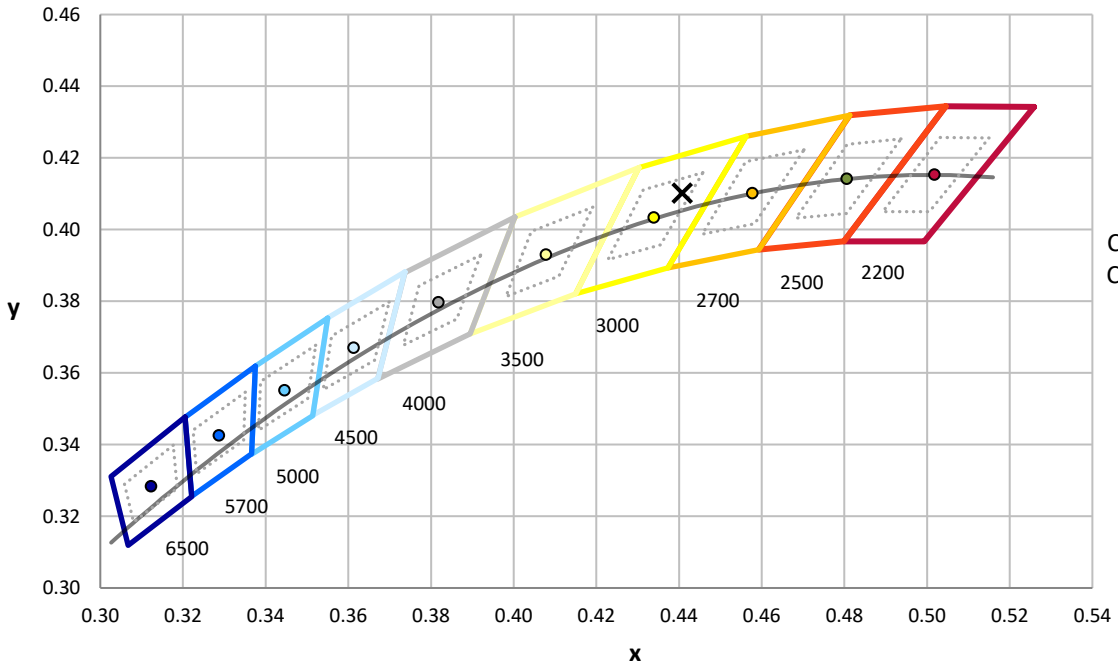
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC Power Source | IN0208 | 10/24/2023 | 10/24/2024 |
| Sphere Thermometer | IN0085 | 10/24/2023 | 10/24/2024 |
| Room Thermometer | IN0046 | 10/24/2023 | 10/24/2024 |

REPORT NUMBER: SP1-2407-184-4

## CIE 1931 Chromaticity Diagram




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

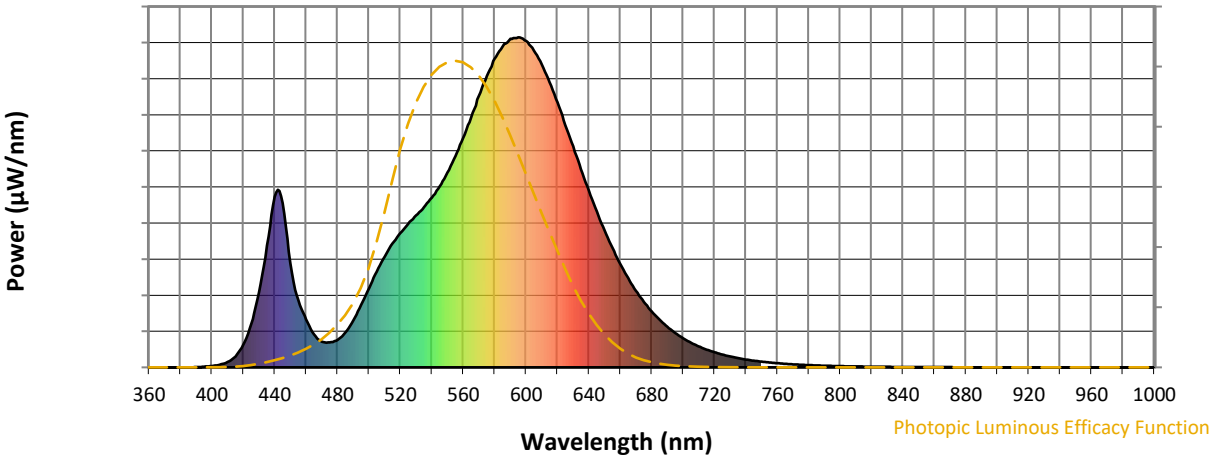



CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

## Photopic Flux vs. Wavelength

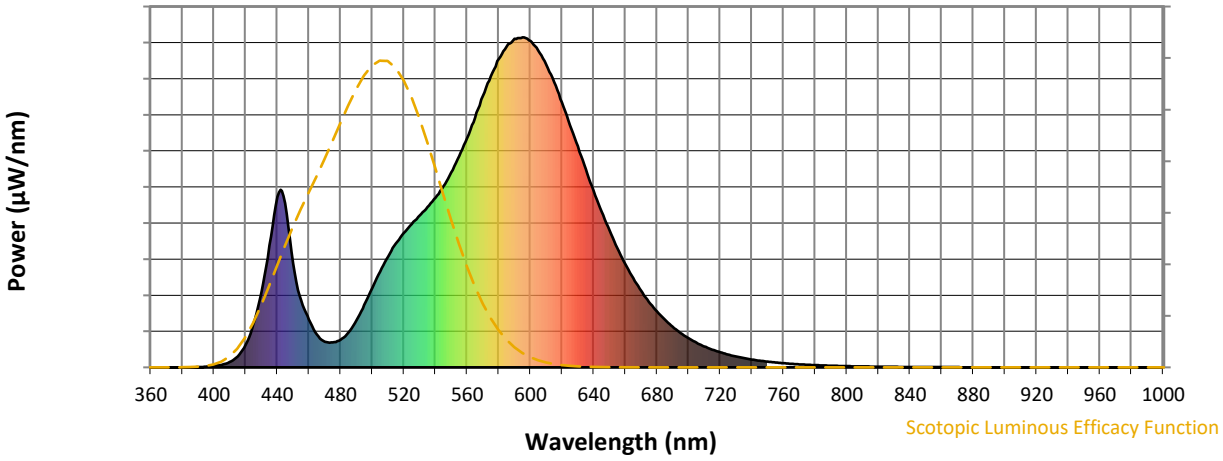



## Photopic Lumens: NR

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-4

## Scotopic Flux vs. Wavelength

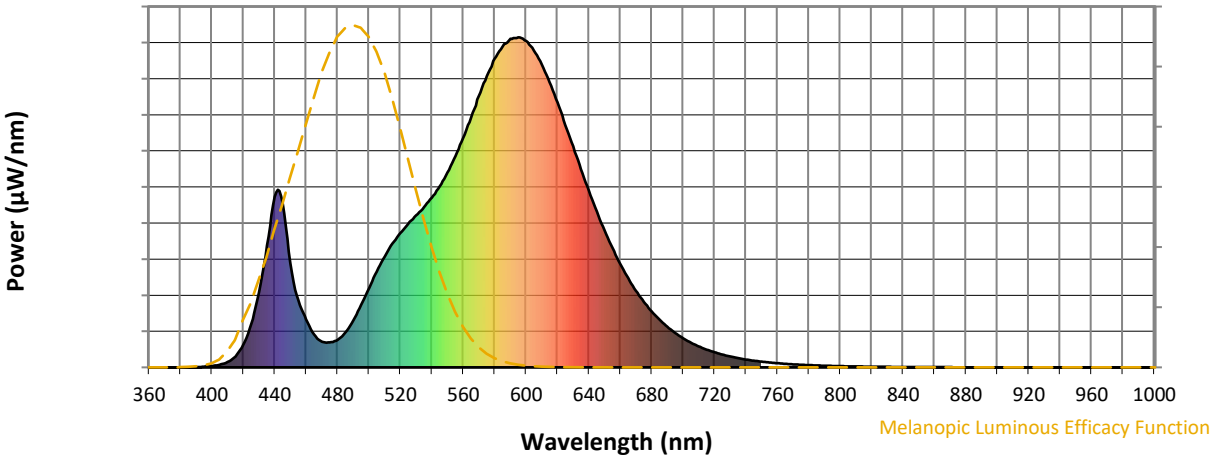



**Scotopic Lumens: NR** **S/P: 1.19**

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-4

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 2.13**

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

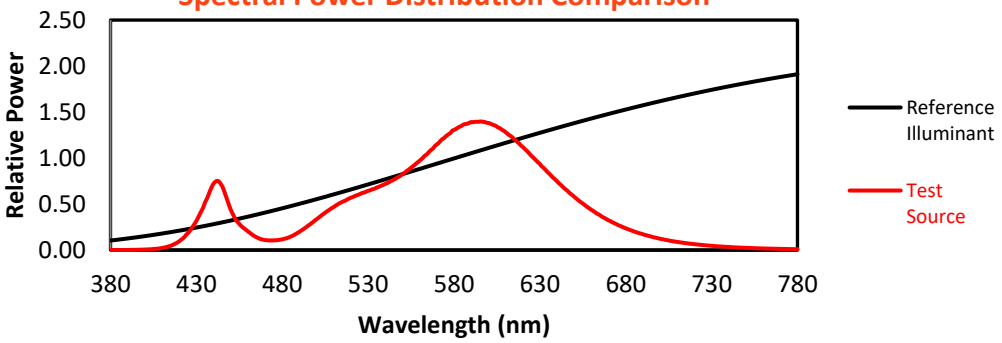
REPORT NUMBER: SP1-2407-184-4

# TM-30-18

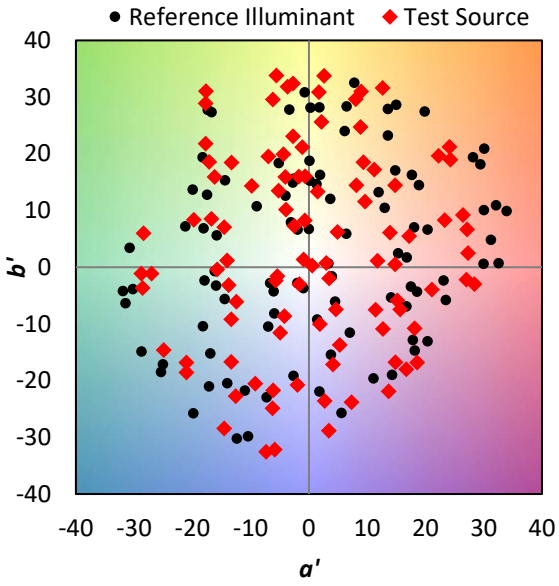
## Summary

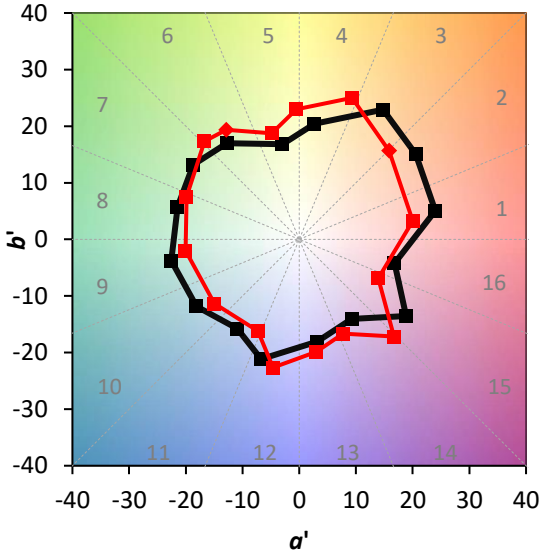
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$R_g$ = 94.4
CIE $R_a$ = 70.8
$R_9$ = -43.2

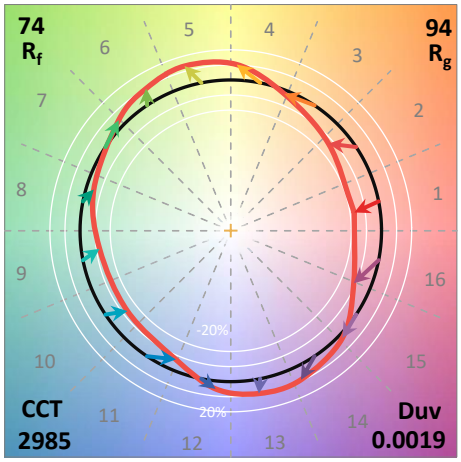
## Spectral Power Distribution Comparison

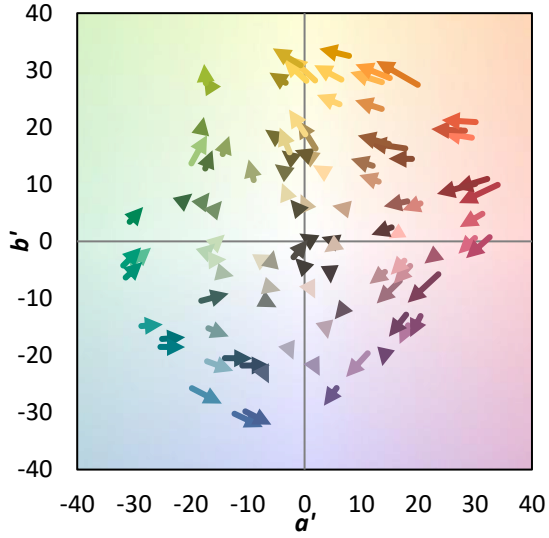



## Color Vector Graphics



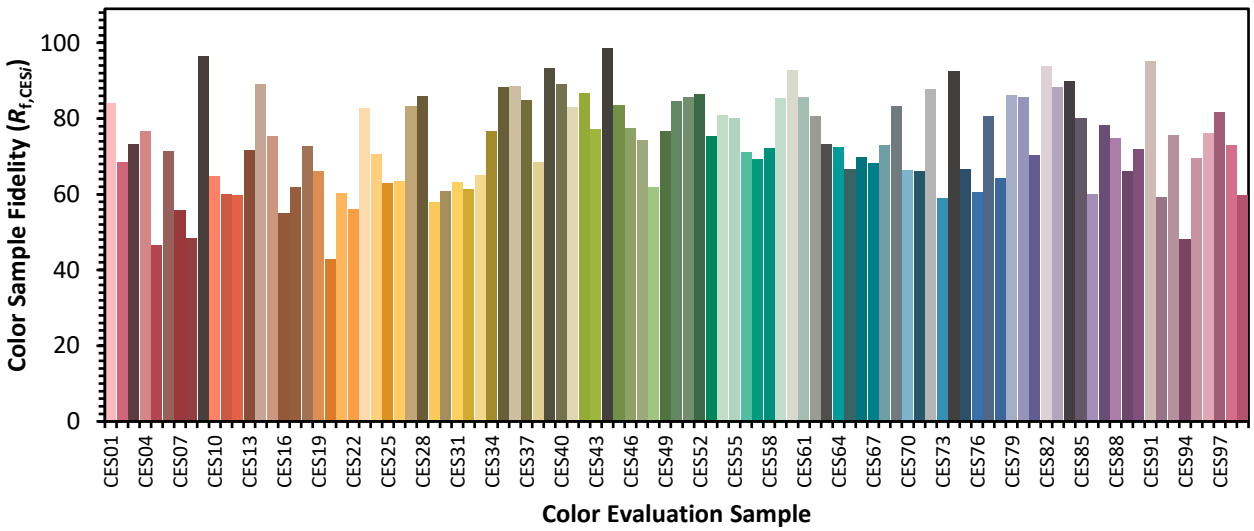



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**Individual Sample Fidelity Index ($R_{f,i}$)**

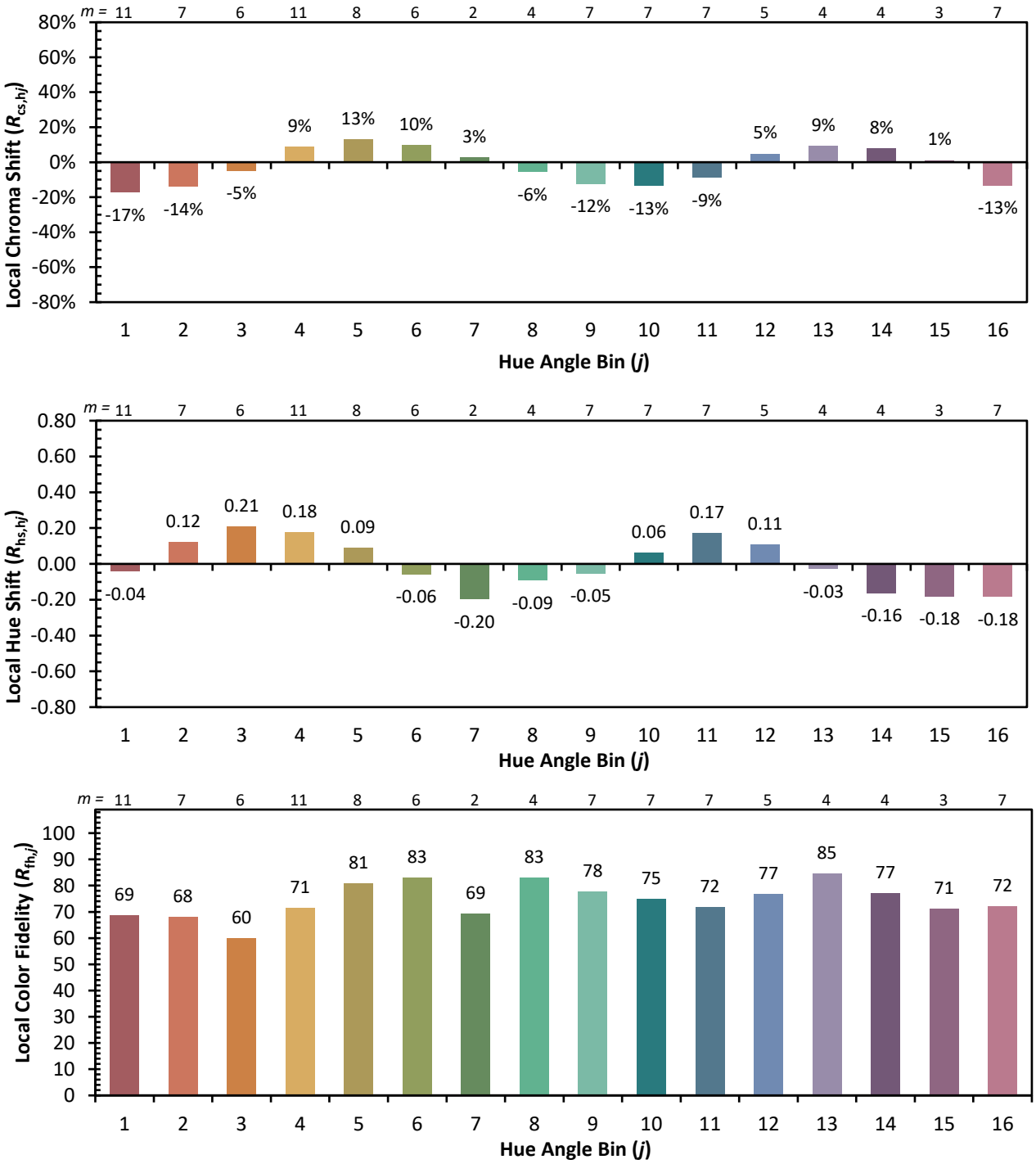
| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 63 | CES51 = 86 | CES76 = 61 |
| CES02 = 62 | CES27 = 83 | CES52 = 86 | CES77 = 81 |
| CES03 = 31 | CES28 = 86 | CES53 = 75 | CES78 = 64 |
| CES04 = 71 | CES29 = 58 | CES54 = 81 | CES79 = 86 |
| CES05 = 49 | CES30 = 61 | CES55 = 80 | CES80 = 86 |
| CES06 = 51 | CES31 = 63 | CES56 = 71 | CES81 = 70 |
| CES07 = 41 | CES32 = 61 | CES57 = 69 | CES82 = 94 |
| CES08 = 40 | CES33 = 65 | CES58 = 72 | CES83 = 88 |
| CES09 = 29 | CES34 = 77 | CES59 = 85 | CES84 = 90 |
| CES10 = 76 | CES35 = 88 | CES60 = 93 | CES85 = 80 |
| CES11 = 59 | CES36 = 89 | CES61 = 86 | CES86 = 60 |
| CES12 = 65 | CES37 = 85 | CES62 = 81 | CES87 = 78 |
| CES13 = 43 | CES38 = 69 | CES63 = 73 | CES88 = 75 |
| CES14 = 74 | CES39 = 93 | CES64 = 72 | CES89 = 66 |
| CES15 = 71 | CES40 = 89 | CES65 = 67 | CES90 = 72 |
| CES16 = 47 | CES41 = 83 | CES66 = 70 | CES91 = 95 |
| CES17 = 50 | CES42 = 87 | CES67 = 68 | CES92 = 59 |
| CES18 = 56 | CES43 = 77 | CES68 = 73 | CES93 = 76 |
| CES19 = 73 | CES44 = 99 | CES69 = 83 | CES94 = 48 |
| CES20 = 66 | CES45 = 83 | CES70 = 66 | CES95 = 70 |
| CES21 = 87 | CES46 = 77 | CES71 = 66 | CES96 = 76 |
| CES22 = 79 | CES47 = 74 | CES72 = 88 | CES97 = 82 |
| CES23 = 92 | CES48 = 62 | CES73 = 59 | CES98 = 73 |
| CES24 = 91 | CES49 = 77 | CES74 = 93 | CES99 = 60 |
| CES25 = 73 | CES50 = 85 | CES75 = 67 | |



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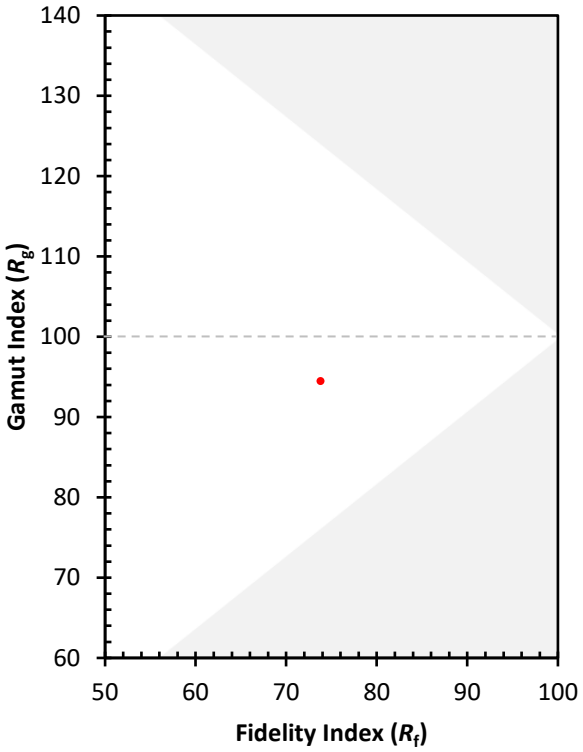
## Color Rendition by Hue-Angle Bin

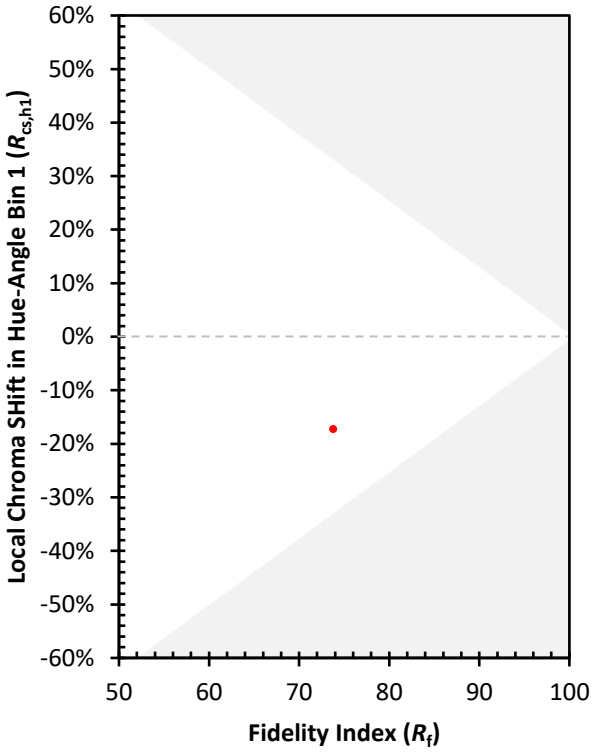


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## Measure Comparisons




(END OF REPORT)