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: P1364441

Luminaire Tested: **GSS-SB3C-930-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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Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364441 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB3C-930-U-SLR |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 90CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC |
| Light Source: | (78) 3000K 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: | 13749 lumens |
| Efficiency: | N/A |
| Efficacy: | 91.7 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B2 - U0 - G3 |

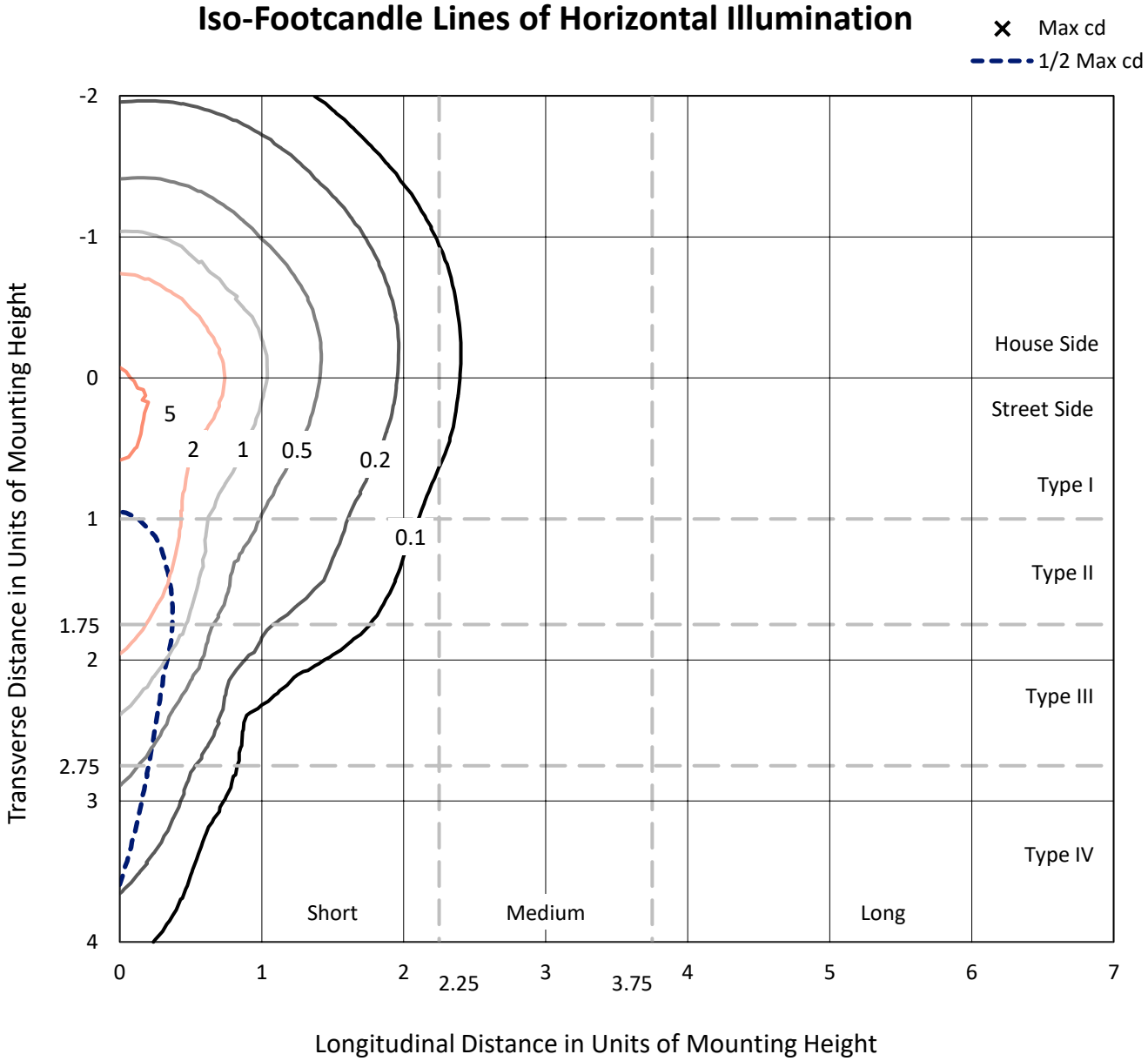
| | |
|---|---|
| Input Watts (W): | 150 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 6.3% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature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

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## Iso-Footcandle Lines of Horizontal Illumination



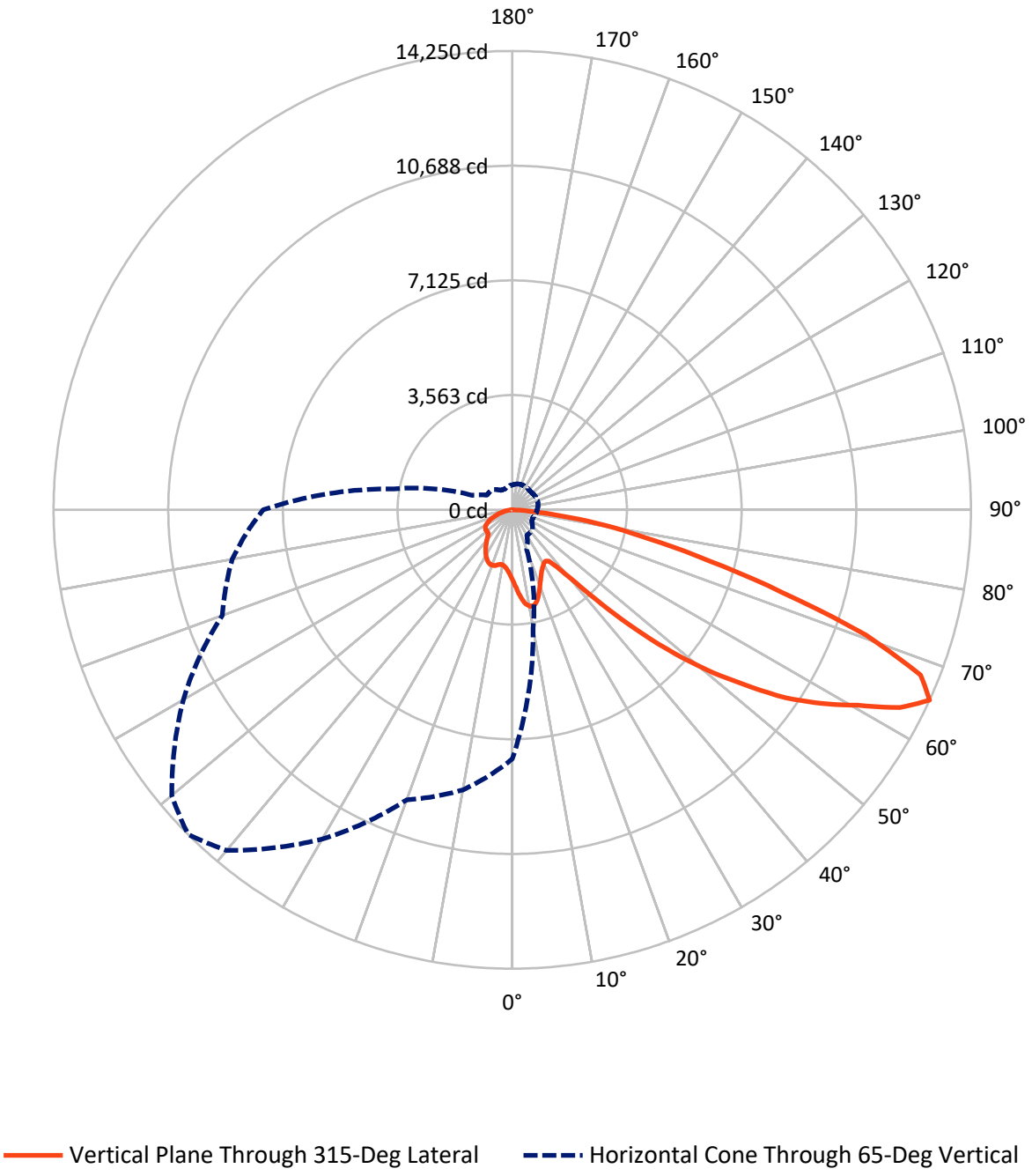

Based on 20 foot mounting height. Maximum calculated value = 6.5 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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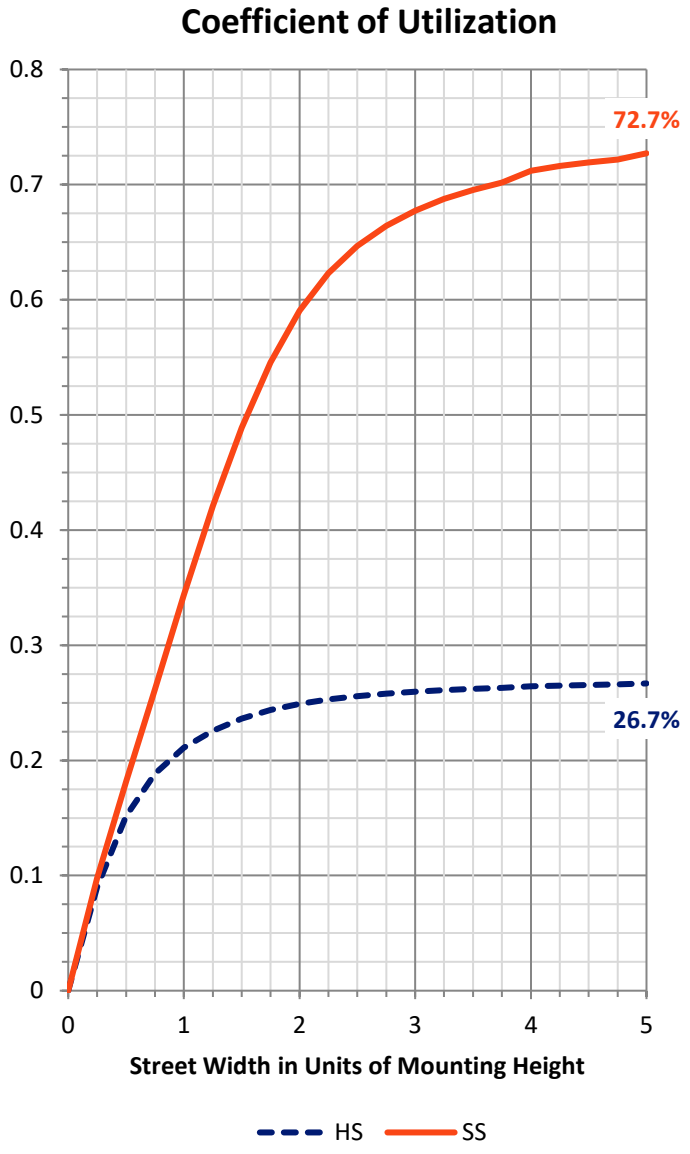
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 3698.8 | 0.0 | 3698.8 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 10050.2 | 0.0 | 10050.2 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 13749.0 | 0.0 | 13749.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 216.5 | 1.6 |
| 10°-20° | 663.4 | 4.8 |
| 20°-30° | 1026.7 | 7.5 |
| 30°-40° | 1273.8 | 9.3 |
| 40°-50° | 1862.7 | 13.5 |
| 50°-60° | 2917.7 | 21.2 |
| 60°-70° | 3462.0 | 25.2 |
| 70°-80° | 2019.2 | 14.7 |
| 80°-90° | 307.2 | 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° | 13749.0 | 100.0 |
| 0°-180° | 13749.0 | 100.0 |



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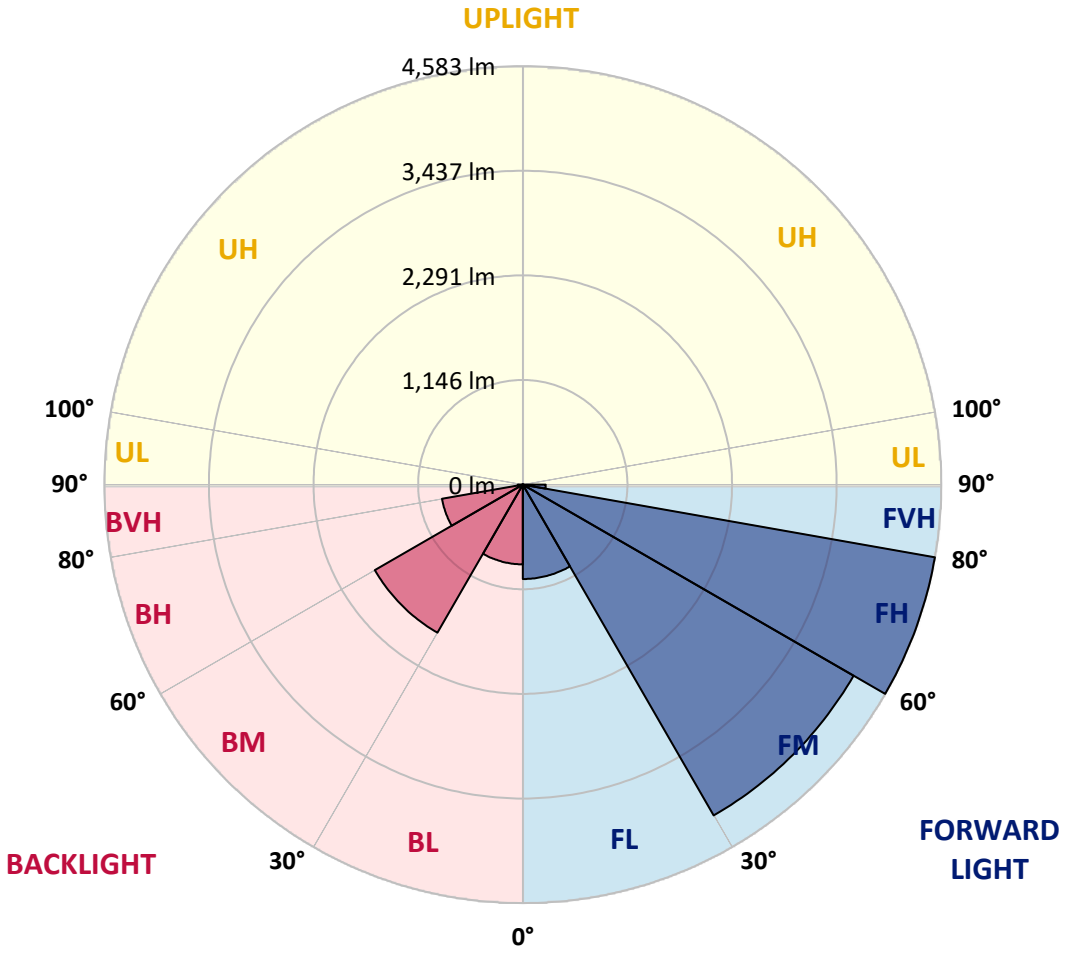
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1033.4 | 7.5 | | | |
| FM | (30°-60°) | 4182.7 | 30.4 | | | |
| FH | (60°-80°) | 4582.9 | 33.3 | | | G2/5000 |
| FVH | (80°-90°) | 251.2 | 1.8 | | | G3/500 |
| BL | (0°-30°) | 873.2 | 6.4 | B2/1000 | | |
| BM | (30°-60°) | 1871.4 | 13.6 | B2/2500 | | |
| BH | (60°-80°) | 898.3 | 6.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 56.0 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B2-U0-G3**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 |
| 2.5° | 2368.8 | 2347.3 | 2326.1 | 2306.6 | 2287.1 | 2267.6 | 2247.8 | 2229.0 | 2209.8 | 2190.6 | 2173.8 |
| 5° | 2530.2 | 2492.2 | 2454.6 | 2414.9 | 2375.6 | 2336.9 | 2298.2 | 2261.6 | 2225.3 | 2187.3 | 2154.6 |
| 7.5° | 2693.3 | 2629.4 | 2565.5 | 2505.4 | 2445.2 | 2391.4 | 2337.6 | 2289.5 | 2241.1 | 2190.6 | 2151.3 |
| 10° | 2795.9 | 2719.5 | 2642.9 | 2568.2 | 2493.2 | 2427.0 | 2360.4 | 2304.9 | 2249.5 | 2195.7 | 2153.6 |
| 12.5° | 2848.0 | 2772.0 | 2696.0 | 2612.3 | 2528.6 | 2454.2 | 2379.9 | 2318.7 | 2257.9 | 2199.0 | 2158.0 |
| 15° | 2873.2 | 2796.2 | 2719.5 | 2634.5 | 2549.4 | 2469.4 | 2389.0 | 2320.1 | 2251.2 | 2185.6 | 2149.3 |
| 17.5° | 2879.9 | 2808.0 | 2736.4 | 2645.6 | 2554.8 | 2463.3 | 2372.2 | 2291.8 | 2211.8 | 2135.1 | 2104.2 |
| 20° | 2901.8 | 2829.2 | 2756.5 | 2659.0 | 2561.5 | 2454.2 | 2347.0 | 2241.4 | 2135.8 | 2034.3 | 2014.8 |
| 22.5° | 2925.3 | 2858.7 | 2792.5 | 2685.2 | 2578.3 | 2447.2 | 2316.0 | 2183.6 | 2051.1 | 1930.0 | 1911.5 |
| 25° | 2962.3 | 2904.8 | 2847.3 | 2730.3 | 2613.3 | 2446.5 | 2279.7 | 2114.6 | 1949.5 | 1810.7 | 1809.0 |
| 27.5° | 3016.1 | 2972.1 | 2928.0 | 2796.2 | 2664.7 | 2452.9 | 2241.1 | 2044.0 | 1846.6 | 1704.8 | 1713.2 |
| 30° | 3091.8 | 3057.1 | 3022.8 | 2874.2 | 2725.3 | 2466.7 | 2208.4 | 1982.5 | 1756.9 | 1619.0 | 1628.1 |
| 32.5° | 3184.2 | 3162.7 | 3141.2 | 2966.0 | 2790.8 | 2482.2 | 2173.8 | 1928.7 | 1683.9 | 1556.8 | 1556.8 |
| 35° | 3340.6 | 3313.7 | 3286.8 | 3063.5 | 2840.6 | 2478.5 | 2116.7 | 1867.5 | 1618.0 | 1519.8 | 1499.0 |
| 37.5° | 3539.0 | 3507.0 | 3475.1 | 3182.5 | 2890.0 | 2468.0 | 2046.0 | 1799.6 | 1553.4 | 1476.1 | 1436.4 |
| 40° | 3831.5 | 3768.6 | 3705.4 | 3318.7 | 2932.0 | 2444.5 | 1956.9 | 1718.5 | 1480.1 | 1418.9 | 1369.2 |
| 42.5° | 4241.7 | 4108.6 | 3975.1 | 3469.4 | 2963.0 | 2403.8 | 1844.3 | 1622.0 | 1399.4 | 1356.7 | 1295.2 |
| 45° | 4751.1 | 4537.6 | 4324.1 | 3673.8 | 3023.5 | 2375.9 | 1728.3 | 1523.9 | 1319.8 | 1281.1 | 1219.9 |
| 47.5° | 5238.7 | 4968.3 | 4698.0 | 3883.9 | 3069.9 | 2343.3 | 1616.7 | 1426.3 | 1236.7 | 1192.0 | 1134.8 |
| 50° | 5803.6 | 5437.1 | 5070.6 | 4067.2 | 3063.9 | 2287.8 | 1511.4 | 1339.6 | 1167.4 | 1106.2 | 1049.8 |
| 52.5° | 6528.2 | 5946.1 | 5363.8 | 4154.0 | 2943.8 | 2174.2 | 1404.8 | 1261.6 | 1119.0 | 1040.7 | 980.2 |
| 55° | 7394.0 | 6457.6 | 5521.1 | 4131.1 | 2741.1 | 2023.5 | 1305.3 | 1196.4 | 1086.7 | 1008.7 | 937.4 |
| 57.5° | 8276.6 | 6886.9 | 5497.6 | 4006.3 | 2515.1 | 1865.8 | 1216.5 | 1141.2 | 1065.9 | 1000.3 | 912.9 |
| 60° | 8939.0 | 7079.3 | 5219.2 | 3707.4 | 2195.7 | 1666.4 | 1137.2 | 1084.4 | 1031.6 | 980.2 | 892.7 |
| 62.5° | 8665.0 | 6652.6 | 4640.2 | 3217.5 | 1794.9 | 1413.6 | 1032.3 | 1002.7 | 973.4 | 951.6 | 868.2 |
| 65° | *7740.3* | *5738.0* | *3735.7* | *2523.8* | *1312.0* | *1110.9* | *909.5* | *903.2* | *897.1* | *891.0* | *822.1* |
| 67.5° | 6872.8 | 4928.0 | 2983.2 | 1964.0 | 944.8 | 849.4 | 753.9 | 771.7 | 789.5 | 798.6 | 751.5 |
| 70° | 6042.3 | 4186.6 | 2330.8 | 1505.0 | 679.2 | 645.6 | 612.0 | 638.5 | 665.1 | 662.4 | 639.5 |
| 72.5° | 5186.6 | 3476.4 | 1766.0 | 1131.5 | 497.0 | 496.3 | 496.0 | 516.1 | 536.3 | 509.4 | 523.9 |
| 75° | 4246.8 | 2775.7 | 1304.6 | 838.6 | 372.6 | 370.2 | 368.2 | 392.1 | 416.3 | 427.0 | 436.4 |
| 77.5° | 2824.4 | 1821.1 | 817.7 | 542.0 | 266.3 | 268.3 | 269.7 | 295.9 | 322.1 | 353.1 | 354.7 |
| 80° | 1657.7 | 1044.0 | 430.4 | 299.6 | 168.8 | 170.8 | 172.2 | 199.7 | 227.0 | 270.7 | 269.0 |
| 82.5° | 828.8 | 523.2 | 217.9 | 161.1 | 104.2 | 104.6 | 104.9 | 118.4 | 131.8 | 156.4 | 163.1 |
| 85° | 188.3 | 124.4 | 60.5 | 51.1 | 42.0 | 44.0 | 46.4 | 55.1 | 63.9 | 77.3 | 81.4 |
| 87.5° | 15.1 | 14.8 | 14.1 | 13.8 | 13.4 | 14.1 | 15.1 | 16.8 | 18.5 | 20.2 | 23.5 |
| 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° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 |
| 2.5° | 2155.7 | 2137.8 | 2123.7 | 2109.9 | 2097.8 | 2085.4 | 2070.9 | 2056.1 | 2045.7 | 2034.9 | 2027.9 |
| 5° | 2122.4 | 2090.8 | 2064.5 | 2038.3 | 2016.8 | 1994.6 | 1975.1 | 1955.3 | 1939.8 | 1924.0 | 1911.2 |
| 7.5° | 2111.9 | 2072.9 | 2039.0 | 2004.7 | 1975.8 | 1946.9 | 1922.6 | 1898.1 | 1874.9 | 1852.0 | 1837.2 |
| 10° | 2112.3 | 2071.3 | 2036.3 | 2001.3 | 1970.7 | 1940.1 | 1908.2 | 1876.2 | 1850.7 | 1825.1 | 1802.9 |
| 12.5° | 2123.7 | 2089.8 | 2065.2 | 2041.0 | 2012.8 | 1984.5 | 1946.5 | 1908.2 | 1873.5 | 1839.3 | 1812.0 |
| 15° | 2127.1 | 2104.9 | 2102.9 | 2100.9 | 2091.1 | 2081.3 | 2046.0 | 2010.7 | 1963.0 | 1914.9 | 1875.9 |
| 17.5° | 2101.2 | 2098.2 | 2131.4 | 2164.7 | 2183.9 | 2203.1 | 2178.5 | 2153.6 | 2086.4 | 2019.1 | 1961.0 |
| 20° | 2033.9 | 2052.8 | 2118.0 | 2182.9 | 2234.7 | 2286.5 | 2283.8 | 2281.4 | 2193.7 | 2105.6 | 2029.2 |
| 22.5° | 1939.8 | 1967.7 | 2052.8 | 2137.8 | 2212.5 | 2287.1 | 2306.3 | 2325.1 | 2239.0 | 2152.6 | 2058.5 |
| 25° | 1839.6 | 1870.2 | 1948.9 | 2027.5 | 2107.9 | 2188.3 | 2223.9 | 2259.6 | 2188.6 | 2117.7 | 2026.2 |
| 27.5° | 1742.4 | 1772.0 | 1830.5 | 1889.0 | 1953.6 | 2018.1 | 2058.1 | 2098.2 | 2054.8 | 2011.4 | 1937.4 |
| 30° | 1651.0 | 1673.8 | 1716.2 | 1758.6 | 1802.3 | 1846.0 | 1877.9 | 1909.9 | 1881.3 | 1852.7 | 1799.6 |
| 32.5° | 1566.6 | 1576.3 | 1603.9 | 1631.5 | 1664.1 | 1696.3 | 1714.2 | 1731.7 | 1709.5 | 1687.3 | 1652.3 |
| 35° | 1490.9 | 1482.8 | 1501.0 | 1519.1 | 1545.4 | 1571.9 | 1585.4 | 1598.8 | 1580.3 | 1561.9 | 1530.6 |
| 37.5° | 1414.9 | 1392.7 | 1401.5 | 1409.5 | 1432.1 | 1454.3 | 1473.4 | 1492.9 | 1479.5 | 1466.0 | 1439.5 |
| 40° | 1336.9 | 1304.6 | 1304.0 | 1302.9 | 1324.5 | 1345.6 | 1369.9 | 1393.7 | 1391.4 | 1388.7 | 1363.5 |
| 42.5° | 1254.2 | 1213.2 | 1208.8 | 1204.4 | 1225.6 | 1246.8 | 1272.3 | 1297.9 | 1302.9 | 1308.0 | 1287.1 |
| 45° | 1177.5 | 1135.8 | 1129.1 | 1122.4 | 1140.5 | 1159.4 | 1187.3 | 1215.5 | 1227.3 | 1239.1 | 1220.2 |
| 47.5° | 1098.8 | 1062.5 | 1058.5 | 1054.1 | 1073.3 | 1092.8 | 1123.7 | 1155.0 | 1167.4 | 1180.2 | 1167.4 |
| 50° | 1020.2 | 990.2 | 995.3 | 1000.3 | 1021.5 | 1042.4 | 1066.6 | 1091.1 | 1114.3 | 1137.2 | 1134.8 |
| 52.5° | 958.0 | 935.4 | 951.2 | 966.7 | 985.9 | 1005.4 | 1030.6 | 1055.8 | 1080.0 | 1104.6 | 1108.3 |
| 55° | 912.6 | 887.7 | 909.9 | 932.1 | 955.3 | 978.5 | 1002.0 | 1025.5 | 1048.4 | 1070.9 | 1076.0 |
| 57.5° | 877.9 | 843.3 | 865.5 | 887.7 | 912.9 | 938.1 | 961.7 | 985.2 | 1011.8 | 1038.3 | 1042.4 |
| 60° | 849.0 | 805.3 | 820.1 | 834.6 | 860.4 | 886.0 | 910.5 | 934.8 | 961.7 | 988.6 | 993.9 |
| 62.5° | 811.0 | 753.9 | 755.9 | 757.2 | 786.5 | 815.4 | 835.6 | 855.7 | 881.3 | 907.2 | 914.9 |
| 65° | *760.6* | *699.4* | *692.7* | *685.9* | *713.5* | *741.4* | *757.2* | *773.4* | *795.6* | *817.7* | *825.5* |
| 67.5° | 697.4 | 642.9 | 629.1 | 615.3 | 640.9 | 666.4 | 679.5 | 692.7 | 707.8 | 722.9 | 731.7 |
| 70° | 607.3 | 575.0 | 566.2 | 557.5 | 578.3 | 599.2 | 610.6 | 622.1 | 634.2 | 646.3 | 651.0 |
| 72.5° | 516.5 | 509.4 | 503.0 | 497.0 | 512.8 | 528.6 | 538.3 | 548.1 | 559.5 | 570.9 | 573.6 |
| 75° | 432.4 | 428.7 | 424.0 | 419.6 | 431.7 | 443.8 | 451.2 | 459.0 | 470.7 | 482.5 | 487.6 |
| 77.5° | 346.0 | 336.9 | 332.2 | 326.8 | 337.9 | 349.0 | 356.1 | 363.1 | 372.9 | 382.6 | 384.0 |
| 80° | 258.2 | 247.1 | 243.4 | 239.4 | 247.5 | 255.5 | 258.2 | 260.6 | 268.7 | 276.4 | 276.4 |
| 82.5° | 163.1 | 163.1 | 160.7 | 158.0 | 156.4 | 154.7 | 151.3 | 147.9 | 156.0 | 164.1 | 166.8 |
| 85° | 82.0 | 82.4 | 78.7 | 74.6 | 69.9 | 64.6 | 63.6 | 62.2 | 61.9 | 61.2 | 63.6 |
| 87.5° | 25.6 | 27.6 | 29.6 | 30.9 | 33.0 | 34.3 | 33.3 | 31.9 | 30.6 | 29.6 | 26.9 |
| 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° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 |
| 2.5° | 2020.8 | 2017.5 | 2014.1 | 2011.4 | 2009.1 | 2007.4 | 2009.1 | 2011.4 | 2014.1 | 2017.5 | 2020.8 |
| 5° | 1898.1 | 1892.7 | 1887.0 | 1883.3 | 1879.6 | 1876.2 | 1879.6 | 1883.3 | 1887.0 | 1892.7 | 1898.1 |
| 7.5° | 1822.4 | 1813.7 | 1805.0 | 1798.6 | 1792.2 | 1788.8 | 1792.2 | 1798.6 | 1805.0 | 1813.7 | 1822.4 |
| 10° | 1781.4 | 1769.0 | 1756.9 | 1750.1 | 1743.4 | 1738.4 | 1743.4 | 1750.1 | 1756.9 | 1769.0 | 1781.4 |
| 12.5° | 1784.8 | 1769.3 | 1754.5 | 1744.4 | 1734.3 | 1728.3 | 1734.3 | 1744.4 | 1754.5 | 1769.3 | 1784.8 |
| 15° | 1836.6 | 1815.0 | 1792.9 | 1780.4 | 1768.0 | 1758.6 | 1768.0 | 1780.4 | 1792.9 | 1815.0 | 1836.6 |
| 17.5° | 1903.1 | 1871.5 | 1839.9 | 1828.8 | 1817.4 | 1812.4 | 1817.4 | 1828.8 | 1839.9 | 1871.5 | 1903.1 |
| 20° | 1952.9 | 1910.5 | 1868.8 | 1852.0 | 1835.2 | 1829.2 | 1835.2 | 1852.0 | 1868.8 | 1910.5 | 1952.9 |
| 22.5° | 1964.3 | 1914.6 | 1864.5 | 1848.7 | 1832.5 | 1825.8 | 1832.5 | 1848.7 | 1864.5 | 1914.6 | 1964.3 |
| 25° | 1935.1 | 1882.6 | 1829.8 | 1813.7 | 1797.2 | 1792.2 | 1797.2 | 1813.7 | 1829.8 | 1882.6 | 1935.1 |
| 27.5° | 1863.5 | 1817.1 | 1770.3 | 1753.2 | 1735.7 | 1724.9 | 1735.7 | 1753.2 | 1770.3 | 1817.1 | 1863.5 |
| 30° | 1746.8 | 1712.2 | 1677.9 | 1667.1 | 1656.0 | 1651.0 | 1656.0 | 1667.1 | 1677.9 | 1712.2 | 1746.8 |
| 32.5° | 1617.3 | 1595.8 | 1574.3 | 1567.2 | 1560.2 | 1556.8 | 1560.2 | 1567.2 | 1574.3 | 1595.8 | 1617.3 |
| 35° | 1499.6 | 1484.2 | 1468.7 | 1463.0 | 1457.6 | 1452.6 | 1457.6 | 1463.0 | 1468.7 | 1484.2 | 1499.6 |
| 37.5° | 1412.9 | 1394.7 | 1375.9 | 1365.8 | 1355.7 | 1348.3 | 1355.7 | 1365.8 | 1375.9 | 1394.7 | 1412.9 |
| 40° | 1338.2 | 1312.0 | 1286.1 | 1272.3 | 1258.2 | 1250.8 | 1258.2 | 1272.3 | 1286.1 | 1312.0 | 1338.2 |
| 42.5° | 1266.0 | 1235.7 | 1205.4 | 1184.2 | 1163.4 | 1150.0 | 1163.4 | 1184.2 | 1205.4 | 1235.7 | 1266.0 |
| 45° | 1201.1 | 1167.1 | 1133.1 | 1107.9 | 1082.7 | 1065.9 | 1082.7 | 1107.9 | 1133.1 | 1167.1 | 1201.1 |
| 47.5° | 1155.0 | 1125.7 | 1096.2 | 1074.0 | 1051.8 | 1035.6 | 1051.8 | 1074.0 | 1096.2 | 1125.7 | 1155.0 |
| 50° | 1132.5 | 1109.3 | 1086.1 | 1065.2 | 1044.0 | 1028.9 | 1044.0 | 1065.2 | 1086.1 | 1109.3 | 1132.5 |
| 52.5° | 1112.3 | 1095.5 | 1078.7 | 1060.5 | 1042.4 | 1028.9 | 1042.4 | 1060.5 | 1078.7 | 1095.5 | 1112.3 |
| 55° | 1081.0 | 1068.9 | 1056.5 | 1043.0 | 1029.6 | 1018.8 | 1029.6 | 1043.0 | 1056.5 | 1068.9 | 1081.0 |
| 57.5° | 1046.4 | 1033.6 | 1020.5 | 1010.4 | 1000.3 | 995.3 | 1000.3 | 1010.4 | 1020.5 | 1033.6 | 1046.4 |
| 60° | 999.3 | 989.2 | 979.1 | 969.7 | 960.0 | 951.6 | 960.0 | 969.7 | 979.1 | 989.2 | 999.3 |
| 62.5° | 923.0 | 918.3 | 913.9 | 903.2 | 892.7 | 881.0 | 892.7 | 903.2 | 913.9 | 918.3 | 923.0 |
| 65° | *833.2* | *830.9* | *828.8* | *821.1* | *813.7* | *800.3* | *813.7* | *821.1* | *828.8* | *830.9* | *833.2* |
| 67.5° | 740.4 | 736.0 | 731.3 | 723.3 | 715.5 | 712.8 | 715.5 | 723.3 | 731.3 | 736.0 | 740.4 |
| 70° | 655.7 | 649.0 | 642.2 | 624.1 | 605.9 | 585.1 | 605.9 | 624.1 | 642.2 | 649.0 | 655.7 |
| 72.5° | 576.7 | 566.2 | 555.5 | 534.3 | 512.8 | 490.9 | 512.8 | 534.3 | 555.5 | 566.2 | 576.7 |
| 75° | 492.6 | 477.8 | 463.3 | 440.8 | 418.6 | 403.5 | 418.6 | 440.8 | 463.3 | 477.8 | 492.6 |
| 77.5° | 386.0 | 373.2 | 360.5 | 347.0 | 333.6 | 326.2 | 333.6 | 347.0 | 360.5 | 373.2 | 386.0 |
| 80° | 276.4 | 267.0 | 257.2 | 250.5 | 243.8 | 238.7 | 243.8 | 250.5 | 257.2 | 267.0 | 276.4 |
| 82.5° | 169.8 | 165.4 | 161.4 | 154.0 | 146.3 | 141.2 | 146.3 | 154.0 | 161.4 | 165.4 | 169.8 |
| 85° | 65.6 | 64.6 | 63.9 | 61.2 | 58.8 | 57.2 | 58.8 | 61.2 | 63.9 | 64.6 | 65.6 |
| 87.5° | 24.2 | 22.2 | 20.2 | 18.8 | 17.5 | 16.8 | 17.5 | 18.8 | 20.2 | 22.2 | 24.2 |
| 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: P1364441
CATALOG NUMBER: GSS-SB3C-930-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 |
| 2.5° | 2027.9 | 2034.9 | 2045.7 | 2056.1 | 2070.9 | 2085.4 | 2097.8 | 2109.9 | 2123.7 | 2137.8 | 2155.7 |
| 5° | 1911.2 | 1924.0 | 1939.8 | 1955.3 | 1975.1 | 1994.6 | 2016.8 | 2038.3 | 2064.5 | 2090.8 | 2122.4 |
| 7.5° | 1837.2 | 1852.0 | 1874.9 | 1898.1 | 1922.6 | 1946.9 | 1975.8 | 2004.7 | 2039.0 | 2072.9 | 2111.9 |
| 10° | 1802.9 | 1825.1 | 1850.7 | 1876.2 | 1908.2 | 1940.1 | 1970.7 | 2001.3 | 2036.3 | 2071.3 | 2112.3 |
| 12.5° | 1812.0 | 1839.3 | 1873.5 | 1908.2 | 1946.5 | 1984.5 | 2012.8 | 2041.0 | 2065.2 | 2089.8 | 2123.7 |
| 15° | 1875.9 | 1914.9 | 1963.0 | 2010.7 | 2046.0 | 2081.3 | 2091.1 | 2100.9 | 2102.9 | 2104.9 | 2127.1 |
| 17.5° | 1961.0 | 2019.1 | 2086.4 | 2153.6 | 2178.5 | 2203.1 | 2183.9 | 2164.7 | 2131.4 | 2098.2 | 2101.2 |
| 20° | 2029.2 | 2105.6 | 2193.7 | 2281.4 | 2283.8 | 2286.5 | 2234.7 | 2182.9 | 2118.0 | 2052.8 | 2033.9 |
| 22.5° | 2058.5 | 2152.6 | 2239.0 | 2325.1 | 2306.3 | 2287.1 | 2212.5 | 2137.8 | 2052.8 | 1967.7 | 1939.8 |
| 25° | 2026.2 | 2117.7 | 2188.6 | 2259.6 | 2223.9 | 2188.3 | 2107.9 | 2027.5 | 1948.9 | 1870.2 | 1839.6 |
| 27.5° | 1937.4 | 2011.4 | 2054.8 | 2098.2 | 2058.1 | 2018.1 | 1953.6 | 1889.0 | 1830.5 | 1772.0 | 1742.4 |
| 30° | 1799.6 | 1852.7 | 1881.3 | 1909.9 | 1877.9 | 1846.0 | 1802.3 | 1758.6 | 1716.2 | 1673.8 | 1651.0 |
| 32.5° | 1652.3 | 1687.3 | 1709.5 | 1731.7 | 1714.2 | 1696.3 | 1664.1 | 1631.5 | 1603.9 | 1576.3 | 1566.6 |
| 35° | 1530.6 | 1561.9 | 1580.3 | 1598.8 | 1585.4 | 1571.9 | 1545.4 | 1519.1 | 1501.0 | 1482.8 | 1490.9 |
| 37.5° | 1439.5 | 1466.0 | 1479.5 | 1492.9 | 1473.4 | 1454.3 | 1432.1 | 1409.5 | 1401.5 | 1392.7 | 1414.9 |
| 40° | 1363.5 | 1388.7 | 1391.4 | 1393.7 | 1369.9 | 1345.6 | 1324.5 | 1302.9 | 1304.0 | 1304.6 | 1336.9 |
| 42.5° | 1287.1 | 1308.0 | 1302.9 | 1297.9 | 1272.3 | 1246.8 | 1225.6 | 1204.4 | 1208.8 | 1213.2 | 1254.2 |
| 45° | 1220.2 | 1239.1 | 1227.3 | 1215.5 | 1187.3 | 1159.4 | 1140.5 | 1122.4 | 1129.1 | 1135.8 | 1177.5 |
| 47.5° | 1167.4 | 1180.2 | 1167.4 | 1155.0 | 1123.7 | 1092.8 | 1073.3 | 1054.1 | 1058.5 | 1062.5 | 1098.8 |
| 50° | 1134.8 | 1137.2 | 1114.3 | 1091.1 | 1066.6 | 1042.4 | 1021.5 | 1000.3 | 995.3 | 990.2 | 1020.2 |
| 52.5° | 1108.3 | 1104.6 | 1080.0 | 1055.8 | 1030.6 | 1005.4 | 985.9 | 966.7 | 951.2 | 935.4 | 958.0 |
| 55° | 1076.0 | 1070.9 | 1048.4 | 1025.5 | 1002.0 | 978.5 | 955.3 | 932.1 | 909.9 | 887.7 | 912.6 |
| 57.5° | 1042.4 | 1038.3 | 1011.8 | 985.2 | 961.7 | 938.1 | 912.9 | 887.7 | 865.5 | 843.3 | 877.9 |
| 60° | 993.9 | 988.6 | 961.7 | 934.8 | 910.5 | 886.0 | 860.4 | 834.6 | 820.1 | 805.3 | 849.0 |
| 62.5° | 914.9 | 907.2 | 881.3 | 855.7 | 835.6 | 815.4 | 786.5 | 757.2 | 755.9 | 753.9 | 811.0 |
| 65° | *825.5* | *817.7* | *795.6* | *773.4* | *757.2* | *741.4* | *713.5* | *685.9* | *692.7* | *699.4* | *760.6* |
| 67.5° | 731.7 | 722.9 | 707.8 | 692.7 | 679.5 | 666.4 | 640.9 | 615.3 | 629.1 | 642.9 | 697.4 |
| 70° | 651.0 | 646.3 | 634.2 | 622.1 | 610.6 | 599.2 | 578.3 | 557.5 | 566.2 | 575.0 | 607.3 |
| 72.5° | 573.6 | 570.9 | 559.5 | 548.1 | 538.3 | 528.6 | 512.8 | 497.0 | 503.0 | 509.4 | 516.5 |
| 75° | 487.6 | 482.5 | 470.7 | 459.0 | 451.2 | 443.8 | 431.7 | 419.6 | 424.0 | 428.7 | 432.4 |
| 77.5° | 384.0 | 382.6 | 372.9 | 363.1 | 356.1 | 349.0 | 337.9 | 326.8 | 332.2 | 336.9 | 346.0 |
| 80° | 276.4 | 276.4 | 268.7 | 260.6 | 258.2 | 255.5 | 247.5 | 239.4 | 243.4 | 247.1 | 258.2 |
| 82.5° | 166.8 | 164.1 | 156.0 | 147.9 | 151.3 | 154.7 | 156.4 | 158.0 | 160.7 | 163.1 | 163.1 |
| 85° | 63.6 | 61.2 | 61.9 | 62.2 | 63.6 | 64.6 | 69.9 | 74.6 | 78.7 | 82.4 | 82.0 |
| 87.5° | 26.9 | 29.6 | 30.6 | 31.9 | 33.3 | 34.3 | 33.0 | 30.9 | 29.6 | 27.6 | 25.6 |
| 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
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Peachtree City, GA 30269

Scaled Data Report

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**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 |
| 2.5° | 2173.8 | 2190.6 | 2209.8 | 2229.0 | 2247.8 | 2267.6 | 2287.1 | 2306.6 | 2326.1 | 2347.3 | 2368.8 |
| 5° | 2154.6 | 2187.3 | 2225.3 | 2261.6 | 2298.2 | 2336.9 | 2375.6 | 2414.9 | 2454.6 | 2492.2 | 2530.2 |
| 7.5° | 2151.3 | 2190.6 | 2241.1 | 2289.5 | 2337.6 | 2391.4 | 2445.2 | 2505.4 | 2565.5 | 2629.4 | 2693.3 |
| 10° | 2153.6 | 2195.7 | 2249.5 | 2304.9 | 2360.4 | 2427.0 | 2493.2 | 2568.2 | 2642.9 | 2719.5 | 2795.9 |
| 12.5° | 2158.0 | 2199.0 | 2257.9 | 2318.7 | 2379.9 | 2454.2 | 2528.6 | 2612.3 | 2696.0 | 2772.0 | 2848.0 |
| 15° | 2149.3 | 2185.6 | 2251.2 | 2320.1 | 2389.0 | 2469.4 | 2549.4 | 2634.5 | 2719.5 | 2796.2 | 2873.2 |
| 17.5° | 2104.2 | 2135.1 | 2211.8 | 2291.8 | 2372.2 | 2463.3 | 2554.8 | 2645.6 | 2736.4 | 2808.0 | 2879.9 |
| 20° | 2014.8 | 2034.3 | 2135.8 | 2241.4 | 2347.0 | 2454.2 | 2561.5 | 2659.0 | 2756.5 | 2829.2 | 2901.8 |
| 22.5° | 1911.5 | 1930.0 | 2051.1 | 2183.6 | 2316.0 | 2447.2 | 2578.3 | 2685.2 | 2792.5 | 2858.7 | 2925.3 |
| 25° | 1809.0 | 1810.7 | 1949.5 | 2114.6 | 2279.7 | 2446.5 | 2613.3 | 2730.3 | 2847.3 | 2904.8 | 2962.3 |
| 27.5° | 1713.2 | 1704.8 | 1846.6 | 2044.0 | 2241.1 | 2452.9 | 2664.7 | 2796.2 | 2928.0 | 2972.1 | 3016.1 |
| 30° | 1628.1 | 1619.0 | 1756.9 | 1982.5 | 2208.4 | 2466.7 | 2725.3 | 2874.2 | 3022.8 | 3057.1 | 3091.8 |
| 32.5° | 1556.8 | 1556.8 | 1683.9 | 1928.7 | 2173.8 | 2482.2 | 2790.8 | 2966.0 | 3141.2 | 3162.7 | 3184.2 |
| 35° | 1499.0 | 1519.8 | 1618.0 | 1867.5 | 2116.7 | 2478.5 | 2840.6 | 3063.5 | 3286.8 | 3313.7 | 3340.6 |
| 37.5° | 1436.4 | 1476.1 | 1553.4 | 1799.6 | 2046.0 | 2468.0 | 2890.0 | 3182.5 | 3475.1 | 3507.0 | 3539.0 |
| 40° | 1369.2 | 1418.9 | 1480.1 | 1718.5 | 1956.9 | 2444.5 | 2932.0 | 3318.7 | 3705.4 | 3768.6 | 3831.5 |
| 42.5° | 1295.2 | 1356.7 | 1399.4 | 1622.0 | 1844.3 | 2403.8 | 2963.0 | 3469.4 | 3975.1 | 4108.6 | 4241.7 |
| 45° | 1219.9 | 1281.1 | 1319.8 | 1523.9 | 1728.3 | 2375.9 | 3023.5 | 3673.8 | 4324.1 | 4537.6 | 4751.1 |
| 47.5° | 1134.8 | 1192.0 | 1236.7 | 1426.3 | 1616.7 | 2343.3 | 3069.9 | 3883.9 | 4698.0 | 4968.3 | 5238.7 |
| 50° | 1049.8 | 1106.2 | 1167.4 | 1339.6 | 1511.4 | 2287.8 | 3063.9 | 4067.2 | 5070.6 | 5437.1 | 5803.6 |
| 52.5° | 980.2 | 1040.7 | 1119.0 | 1261.6 | 1404.8 | 2174.2 | 2943.8 | 4154.0 | 5363.8 | 5946.1 | 6528.2 |
| 55° | 937.4 | 1008.7 | 1086.7 | 1196.4 | 1305.3 | 2023.5 | 2741.1 | 4131.1 | 5521.1 | 6457.6 | 7394.0 |
| 57.5° | 912.9 | 1000.3 | 1065.9 | 1141.2 | 1216.5 | 1865.8 | 2515.1 | 4006.3 | 5497.6 | 6886.9 | 8276.6 |
| 60° | 892.7 | 980.2 | 1031.6 | 1084.4 | 1137.2 | 1666.4 | 2195.7 | 3707.4 | 5219.2 | 7079.3 | 8939.0 |
| 62.5° | 868.2 | 951.6 | 973.4 | 1002.7 | 1032.3 | 1413.6 | 1794.9 | 3217.5 | 4640.2 | 6652.6 | 8665.0 |
| 65° | *822.1* | *891.0* | *897.1* | *903.2* | *909.5* | *1110.9* | *1312.0* | *2523.8* | *3735.7* | *5738.0* | *7740.3* |
| 67.5° | 751.5 | 798.6 | 789.5 | 771.7 | 753.9 | 849.4 | 944.8 | 1964.0 | 2983.2 | 4928.0 | 6872.8 |
| 70° | 639.5 | 662.4 | 665.1 | 638.5 | 612.0 | 645.6 | 679.2 | 1505.0 | 2330.8 | 4186.6 | 6042.3 |
| 72.5° | 523.9 | 509.4 | 536.3 | 516.1 | 496.0 | 496.3 | 497.0 | 1131.5 | 1766.0 | 3476.4 | 5186.6 |
| 75° | 436.4 | 427.0 | 416.3 | 392.1 | 368.2 | 370.2 | 372.6 | 838.6 | 1304.6 | 2775.7 | 4246.8 |
| 77.5° | 354.7 | 353.1 | 322.1 | 295.9 | 269.7 | 268.3 | 266.3 | 542.0 | 817.7 | 1821.1 | 2824.4 |
| 80° | 269.0 | 270.7 | 227.0 | 199.7 | 172.2 | 170.8 | 168.8 | 299.6 | 430.4 | 1044.0 | 1657.7 |
| 82.5° | 163.1 | 156.4 | 131.8 | 118.4 | 104.9 | 104.6 | 104.2 | 161.1 | 217.9 | 523.2 | 828.8 |
| 85° | 81.4 | 77.3 | 63.9 | 55.1 | 46.4 | 44.0 | 42.0 | 51.1 | 60.5 | 124.4 | 188.3 |
| 87.5° | 23.5 | 20.2 | 18.5 | 16.8 | 15.1 | 14.1 | 13.4 | 13.8 | 14.1 | 14.8 | 15.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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Scaled Data Report

REPORT NUMBER: P1364441
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**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | *2192.3* | 2192.3 | 2192.3 |
| 2.5° | 2377.2 | 2385.6 | 2394.7 | 2404.1 | 2409.5 | 2414.9 | 2420.6 | 2426.0 | *2431.0* | 2426.0 | 2420.6 |
| 5° | 2568.2 | 2605.9 | 2631.4 | 2657.0 | 2676.5 | 2696.0 | 2707.1 | 2718.5 | *2720.2* | 2718.5 | 2707.1 |
| 7.5° | 2738.4 | 2783.4 | 2822.4 | 2861.4 | 2886.3 | 2911.2 | 2925.7 | 2940.5 | *2945.5* | 2940.5 | 2925.7 |
| 10° | 2848.7 | 2901.8 | 2939.4 | 2977.4 | 3000.6 | 3023.5 | 3034.9 | 3046.4 | *3049.7* | 3046.4 | 3034.9 |
| 12.5° | 2898.8 | 2949.5 | 2978.8 | 3007.7 | 3022.5 | 3037.0 | 3042.3 | 3047.0 | *3043.0* | 3047.0 | 3042.3 |
| 15° | 2903.1 | 2932.7 | 2945.2 | 2957.3 | 2950.2 | 2942.8 | 2932.4 | 2922.0 | *2915.2* | 2922.0 | 2932.4 |
| 17.5° | 2890.3 | 2901.1 | 2878.6 | 2856.4 | 2816.0 | 2775.7 | 2745.4 | 2715.2 | *2693.3* | 2715.2 | 2745.4 |
| 20° | 2885.0 | 2868.2 | 2808.3 | 2748.8 | 2673.1 | 2597.5 | 2546.7 | 2495.6 | *2464.7* | 2495.6 | 2546.7 |
| 22.5° | 2877.9 | 2830.5 | 2730.0 | 2629.4 | 2525.9 | 2422.6 | 2364.1 | 2306.0 | *2273.0* | 2306.0 | 2364.1 |
| 25° | 2880.9 | 2799.2 | 2663.4 | 2527.9 | 2406.2 | 2284.8 | 2221.2 | 2158.0 | *2121.7* | 2158.0 | 2221.2 |
| 27.5° | 2891.7 | 2767.3 | 2599.2 | 2431.0 | 2299.2 | 2167.1 | 2106.6 | 2046.0 | *2014.1* | 2046.0 | 2106.6 |
| 30° | 2926.7 | 2761.2 | 2560.2 | 2358.7 | 2220.9 | 2083.0 | 2023.9 | 1964.3 | *1930.0* | 1964.3 | 2023.9 |
| 32.5° | 2975.8 | 2767.3 | 2542.0 | 2316.7 | 2176.2 | 2036.0 | 1979.1 | 1922.6 | *1893.1* | 1922.6 | 1979.1 |
| 35° | 3076.6 | 2812.7 | 2562.8 | 2313.4 | 2182.9 | 2052.8 | 2011.1 | 1969.7 | *1953.6* | 1969.7 | 2011.1 |
| 37.5° | 3230.6 | 2922.0 | 2664.7 | 2407.5 | 2318.7 | 2230.0 | 2230.0 | 2230.0 | *2242.7* | 2230.0 | 2230.0 |
| 40° | 3485.2 | 3138.8 | 2895.4 | 2652.3 | 2646.9 | 2642.2 | 2698.7 | 2755.5 | *2780.7* | 2755.5 | 2698.7 |
| 42.5° | 3875.5 | 3509.7 | 3313.3 | 3117.0 | 3234.7 | 3352.3 | 3515.8 | 3679.2 | *3786.1* | 3679.2 | 3515.8 |
| 45° | 4394.7 | 4038.3 | 3901.1 | 3764.2 | 4026.2 | 4287.8 | 4576.6 | 4865.4 | *5070.6* | 4865.4 | 4576.6 |
| 47.5° | 4938.7 | 4638.5 | 4560.1 | 4482.1 | 4917.6 | 5353.0 | 5776.3 | 6199.7 | *6449.2* | 6199.7 | 5776.3 |
| 50° | 5533.9 | 5263.9 | 5248.8 | 5233.6 | 5813.7 | 6393.7 | 6940.1 | 7486.5 | *7790.8* | 7486.5 | 6940.1 |
| 52.5° | 6231.9 | 5935.4 | 5947.5 | 5958.9 | 6647.9 | 7336.8 | 7997.6 | 8658.3 | *9001.2* | 8658.3 | 7997.6 |
| 55° | 7022.4 | 6650.9 | 6648.9 | 6646.9 | 7438.4 | 8230.6 | 9042.3 | 9854.6 | *10312.6* | 9854.6 | 9042.3 |
| 57.5° | 7928.6 | 7580.6 | 7497.9 | 7414.8 | 8242.7 | 9070.2 | 9966.6 | 10863.4 | *11344.9* | 10863.4 | 9966.6 |
| 60° | 8747.4 | 8555.7 | 8423.2 | 8291.1 | 9141.1 | 9991.5 | 10917.5 | 11843.2 | *12323.3* | 11843.2 | 10917.5 |
| 62.5° | 9007.6 | 9350.3 | 9340.5 | 9330.8 | 10248.4 | 11166.0 | 12129.0 | 13092.7 | *13523.7* | 13092.7 | 12129.0 |
| 65° | *8286.7* | *8833.1* | *9209.0* | *9584.6* | *10693.9* | *11802.8* | *12806.2* | *13809.5* | *14250.0* | *13809.5* | *12806.2* |
| 67.5° | 7354.3 | 7836.2 | 8143.8 | 8451.5 | 9701.3 | 10951.5 | 12090.0 | 13228.5 | *13681.8* | 13228.5 | 12090.0 |
| 70° | 6575.6 | 7108.9 | 7328.8 | 7548.7 | 8610.5 | 9672.0 | 10572.8 | 11473.3 | *11650.8* | 11473.3 | 10572.8 |
| 72.5° | 5820.7 | 6455.2 | 6548.3 | 6641.5 | 7414.2 | 8186.9 | 8666.7 | 9146.5 | *8759.1* | 9146.5 | 8666.7 |
| 75° | 4962.3 | 5677.5 | 5739.7 | 5801.9 | 6042.6 | 6283.7 | 6405.8 | 6528.2 | *6307.9* | 6528.2 | 6405.8 |
| 77.5° | 3443.8 | 4063.5 | 4203.0 | 4342.6 | 4503.0 | 4663.7 | 4655.3 | 4646.9 | *4337.5* | 4646.9 | 4655.3 |
| 80° | 2142.2 | 2626.7 | 2644.9 | 2663.0 | 2783.4 | 2903.5 | 3026.2 | 3148.9 | *2952.2* | 3148.9 | 3026.2 |
| 82.5° | 1094.8 | 1361.1 | 1402.1 | 1443.2 | 1516.8 | 1590.4 | 1624.7 | 1659.4 | *1492.9* | 1659.4 | 1624.7 |
| 85° | 257.6 | 326.8 | 393.7 | 460.7 | 538.0 | 615.3 | 606.6 | 597.8 | *504.4* | 597.8 | 606.6 |
| 87.5° | 15.5 | 16.1 | 16.5 | 16.8 | 17.1 | 17.5 | 18.5 | 19.5 | *20.2* | 19.5 | 18.5 |
| 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: P1364441
CATALOG NUMBER: GSS-SB3C-930-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 | 2192.3 |
| 2.5° | 2414.9 | 2409.5 | 2404.1 | 2394.7 | 2385.6 | 2377.2 | 2368.8 |
| 5° | 2696.0 | 2676.5 | 2657.0 | 2631.4 | 2605.9 | 2568.2 | 2530.2 |
| 7.5° | 2911.2 | 2886.3 | 2861.4 | 2822.4 | 2783.4 | 2738.4 | 2693.3 |
| 10° | 3023.5 | 3000.6 | 2977.4 | 2939.4 | 2901.8 | 2848.7 | 2795.9 |
| 12.5° | 3037.0 | 3022.5 | 3007.7 | 2978.8 | 2949.5 | 2898.8 | 2848.0 |
| 15° | 2942.8 | 2950.2 | 2957.3 | 2945.2 | 2932.7 | 2903.1 | 2873.2 |
| 17.5° | 2775.7 | 2816.0 | 2856.4 | 2878.6 | 2901.1 | 2890.3 | 2879.9 |
| 20° | 2597.5 | 2673.1 | 2748.8 | 2808.3 | 2868.2 | 2885.0 | 2901.8 |
| 22.5° | 2422.6 | 2525.9 | 2629.4 | 2730.0 | 2830.5 | 2877.9 | 2925.3 |
| 25° | 2284.8 | 2406.2 | 2527.9 | 2663.4 | 2799.2 | 2880.9 | 2962.3 |
| 27.5° | 2167.1 | 2299.2 | 2431.0 | 2599.2 | 2767.3 | 2891.7 | 3016.1 |
| 30° | 2083.0 | 2220.9 | 2358.7 | 2560.2 | 2761.2 | 2926.7 | 3091.8 |
| 32.5° | 2036.0 | 2176.2 | 2316.7 | 2542.0 | 2767.3 | 2975.8 | 3184.2 |
| 35° | 2052.8 | 2182.9 | 2313.4 | 2562.8 | 2812.7 | 3076.6 | 3340.6 |
| 37.5° | 2230.0 | 2318.7 | 2407.5 | 2664.7 | 2922.0 | 3230.6 | 3539.0 |
| 40° | 2642.2 | 2646.9 | 2652.3 | 2895.4 | 3138.8 | 3485.2 | 3831.5 |
| 42.5° | 3352.3 | 3234.7 | 3117.0 | 3313.3 | 3509.7 | 3875.5 | 4241.7 |
| 45° | 4287.8 | 4026.2 | 3764.2 | 3901.1 | 4038.3 | 4394.7 | 4751.1 |
| 47.5° | 5353.0 | 4917.6 | 4482.1 | 4560.1 | 4638.5 | 4938.7 | 5238.7 |
| 50° | 6393.7 | 5813.7 | 5233.6 | 5248.8 | 5263.9 | 5533.9 | 5803.6 |
| 52.5° | 7336.8 | 6647.9 | 5958.9 | 5947.5 | 5935.4 | 6231.9 | 6528.2 |
| 55° | 8230.6 | 7438.4 | 6646.9 | 6648.9 | 6650.9 | 7022.4 | 7394.0 |
| 57.5° | 9070.2 | 8242.7 | 7414.8 | 7497.9 | 7580.6 | 7928.6 | 8276.6 |
| 60° | 9991.5 | 9141.1 | 8291.1 | 8423.2 | 8555.7 | 8747.4 | 8939.0 |
| 62.5° | 11166.0 | 10248.4 | 9330.8 | 9340.5 | 9350.3 | 9007.6 | 8665.0 |
| 65° | *11802.8* | *10693.9* | *9584.6* | *9209.0* | *8833.1* | *8286.7* | *7740.3* |
| 67.5° | 10951.5 | 9701.3 | 8451.5 | 8143.8 | 7836.2 | 7354.3 | 6872.8 |
| 70° | 9672.0 | 8610.5 | 7548.7 | 7328.8 | 7108.9 | 6575.6 | 6042.3 |
| 72.5° | 8186.9 | 7414.2 | 6641.5 | 6548.3 | 6455.2 | 5820.7 | 5186.6 |
| 75° | 6283.7 | 6042.6 | 5801.9 | 5739.7 | 5677.5 | 4962.3 | 4246.8 |
| 77.5° | 4663.7 | 4503.0 | 4342.6 | 4203.0 | 4063.5 | 3443.8 | 2824.4 |
| 80° | 2903.5 | 2783.4 | 2663.0 | 2644.9 | 2626.7 | 2142.2 | 1657.7 |
| 82.5° | 1590.4 | 1516.8 | 1443.2 | 1402.1 | 1361.1 | 1094.8 | 828.8 |
| 85° | 615.3 | 538.0 | 460.7 | 393.7 | 326.8 | 257.6 | 188.3 |
| 87.5° | 17.5 | 17.1 | 16.8 | 16.5 | 16.1 | 15.5 | 15.1 |
| 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: SP1-2106-271-2

Luminaire Tested: GFLD-SA1-A-930-U-WR-X-BK

Test Date: 06/16/2021

Report Generated By FNC07603 / LDUCLS01DT446
Version: v6.09

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

## Test Information

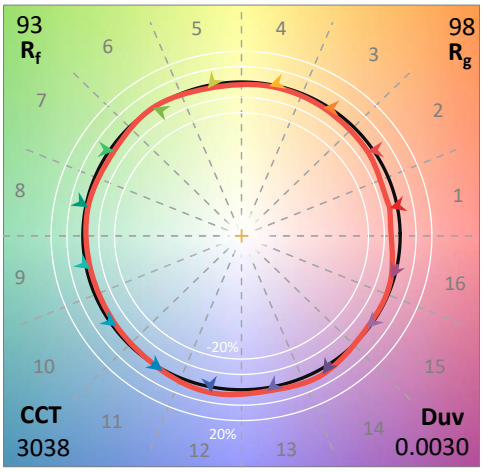
| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | SP1-2106-271-2 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 |
| Measurement Geometry: | 4π |
| Issue Date: | 06/16/2021 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | **GFLD-SA1-A-930-U-WR-X-BK** |
| Description: | MCGRAW EDISON |

N6, BLACK

## Spectral Parameters

| | | | | | |
|---|---|---|---|---|---|
| CCT (K): | 3038 | CRI (Ra): | 92.3 | | |
| CIE u': | 0.2481 | R1: | 92.0 | R9: | 58.9 |
| CIE v': | 0.5247 | R2: | 94.8 | R10: | 87.0 |
| Duv: | 0.0030 | R3: | 96.7 | R11: | 93.2 |
| CIE x: | 0.4384 | R4: | 93.0 | R12: | 81.1 |
| CIE y: | 0.4121 | R5: | 91.4 | R13: | 92.5 |
| CIE z: | 0.1495 | R6: | 93.7 | R14: | 97.4 |
| Peak Wavelength (nm): | 624 | R7: | 93.9 | | |
| Dominant Wavelength (nm): | 581 | R8: | 82.9 | | |
| Purity: | 55.6 | | | | |

| | |
|---|---|
| Rf: | 92.8 |
| Rg: | 98 |




## Test Conditions

| | |
|---|---|
| Stabilization Time: | 82M |
| Operation Time: | 12H |
| Room Temperature (°C) / RH%: | 24.3/43% |
| Sphere Temperature (°C): | 24.2 |

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

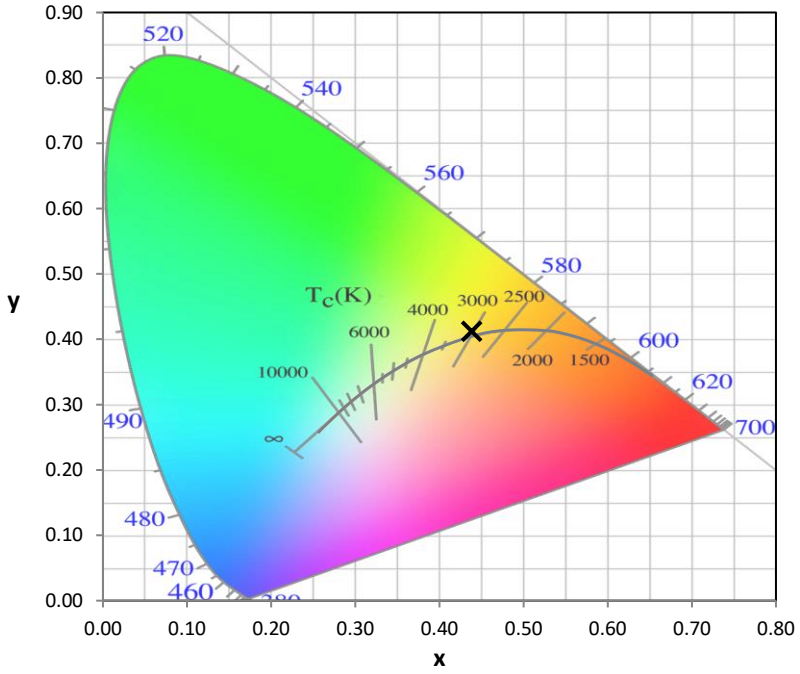
REPORT NUMBER: SP1-2106-271-2

| 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 |

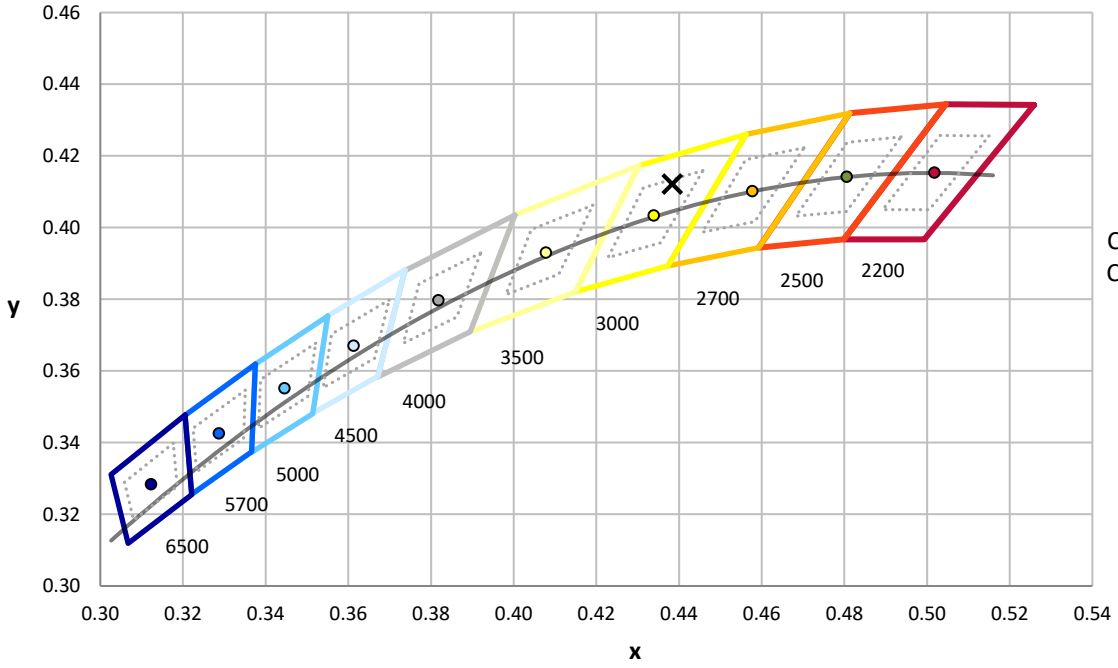
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2106-271-2

## CIE 1931 Chromaticity Diagram




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



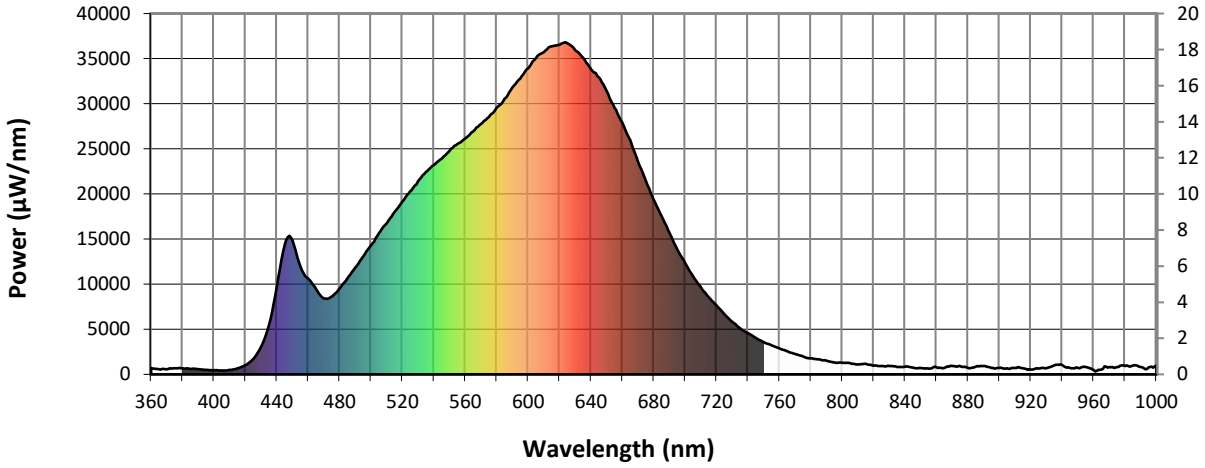

CCT = 3038K
CIE x = 0.4384
CIE y = 0.4121
Duv = 0.0030

Point lies inside the ANSI 3000K 4-step quadrangle

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

REPORT NUMBER: SP1-2106-271-2

## Photopic Flux vs. Wavelength



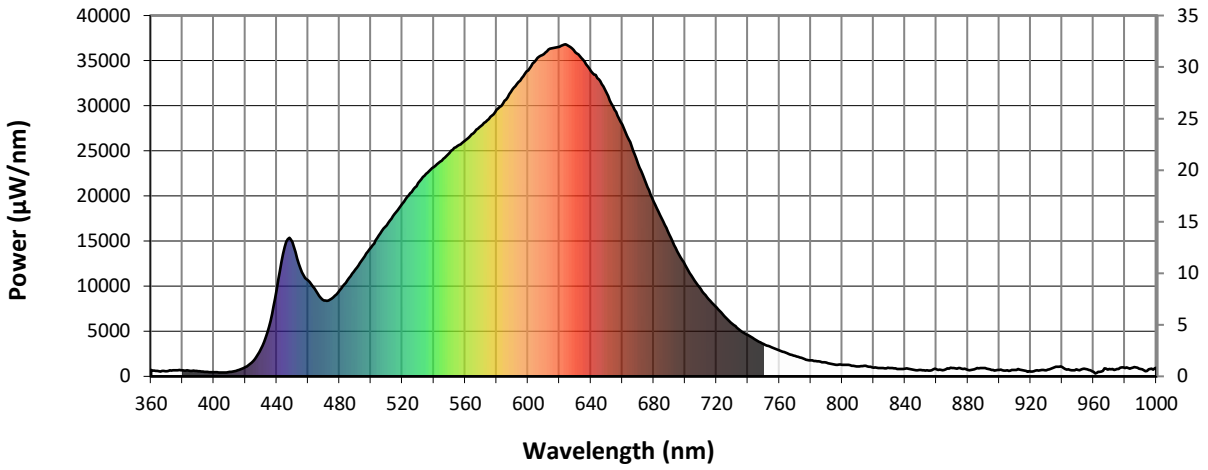

######

| 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 | 718 | NR | 490 | 11837 | NR | 620 | 36553 | NR | 750 | 3581 | NR | 880 | 702 | NR |
| 365 | 573 | NR | 495 | 13045 | NR | 625 | 36706 | NR | 755 | 3240 | NR | 885 | 837 | NR |
| 370 | 566 | NR | 500 | 14286 | NR | 630 | 35946 | NR | 760 | 2875 | NR | 890 | 938 | NR |
| 375 | 689 | NR | 505 | 15591 | NR | 635 | 35109 | NR | 765 | 2561 | NR | 895 | 722 | NR |
| 380 | 659 | NR | 510 | 16757 | NR | 640 | 33848 | NR | 770 | 2263 | NR | 900 | 712 | NR |
| 385 | 616 | NR | 515 | 17969 | NR | 645 | 32907 | NR | 775 | 1981 | NR | 905 | 660 | NR |
| 390 | 575 | NR | 520 | 19153 | NR | 650 | 31426 | NR | 780 | 1758 | NR | 910 | 722 | NR |
| 395 | 507 | NR | 525 | 20279 | NR | 655 | 29538 | NR | 785 | 1656 | NR | 915 | 683 | NR |
| 400 | 452 | NR | 530 | 21424 | NR | 660 | 27902 | NR | 790 | 1510 | NR | 920 | 536 | NR |
| 405 | 442 | NR | 535 | 22450 | NR | 665 | 25950 | NR | 795 | 1317 | NR | 925 | 653 | NR |
| 410 | 492 | NR | 540 | 23201 | NR | 670 | 23596 | NR | 800 | 1296 | NR | 930 | 693 | NR |
| 415 | 658 | NR | 545 | 23916 | NR | 675 | 21412 | NR | 805 | 1239 | NR | 935 | 1009 | NR |
| 420 | 1015 | NR | 550 | 24774 | NR | 680 | 19353 | NR | 810 | 1094 | NR | 940 | 1041 | NR |
| 425 | 1715 | NR | 555 | 25531 | NR | 685 | 17528 | NR | 815 | 1156 | NR | 945 | 716 | NR |
| 430 | 3048 | NR | 560 | 26160 | NR | 690 | 15706 | NR | 820 | 966 | NR | 950 | 700 | NR |
| 435 | 5481 | NR | 565 | 26923 | NR | 695 | 13845 | NR | 825 | 931 | NR | 955 | 812 | NR |
| 440 | 9614 | NR | 570 | 27732 | NR | 700 | 12373 | NR | 830 | 938 | NR | 960 | 505 | NR |
| 445 | 14315 | NR | 575 | 28529 | NR | 705 | 10898 | NR | 835 | 822 | NR | 965 | 551 | NR |
| 450 | 14893 | NR | 580 | 29552 | NR | 710 | 9649 | NR | 840 | 838 | NR | 970 | 824 | NR |
| 455 | 11988 | NR | 585 | 30530 | NR | 715 | 8554 | NR | 845 | 759 | NR | 975 | 814 | NR |
| 460 | 10638 | NR | 590 | 31835 | NR | 720 | 7611 | NR | 850 | 712 | NR | 980 | 926 | NR |
| 465 | 9480 | NR | 595 | 32776 | NR | 725 | 6679 | NR | 855 | 651 | NR | 985 | 954 | NR |
| 470 | 8416 | NR | 600 | 33912 | NR | 730 | 5833 | NR | 860 | 789 | NR | 990 | 814 | NR |
| 475 | 8624 | NR | 605 | 35057 | NR | 735 | 5111 | NR | 865 | 715 | NR | 995 | 765 | NR |
| 480 | 9529 | NR | 610 | 35715 | NR | 740 | 4579 | NR | 870 | 935 | NR | 1000 | 954 | NR |
| 485 | 10656 | NR | 615 | 36371 | NR | 745 | 4054 | NR | 875 | 919 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-2

## Scotopic Flux vs. Wavelength



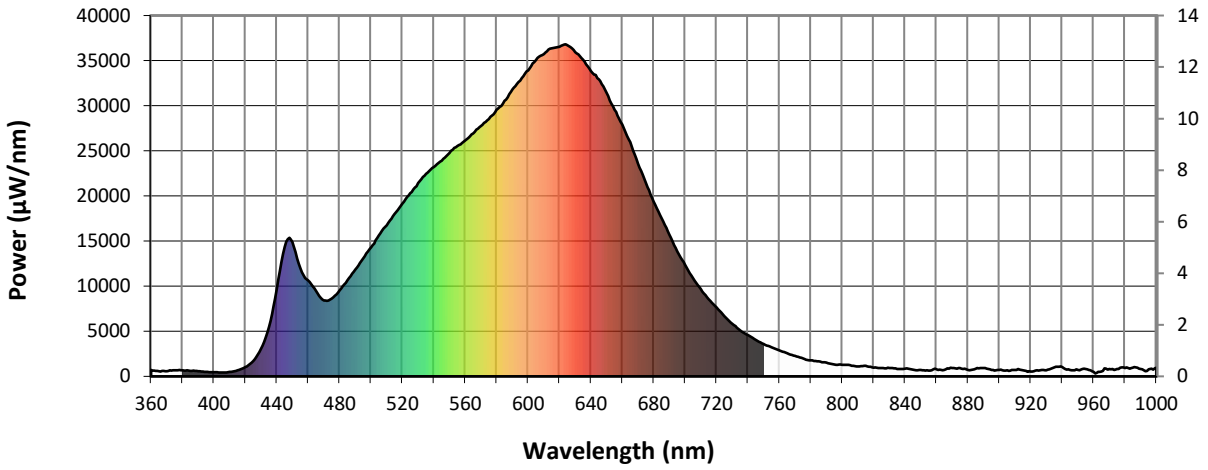

**Scotopic Lumens: 2650.8** **S/P: 1.41**

| 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 | 718 | NR | 490 | 11837 | NR | 620 | 36553 | NR | 750 | 3581 | NR | 880 | 702 | NR |
| 365 | 573 | NR | 495 | 13045 | NR | 625 | 36706 | NR | 755 | 3240 | NR | 885 | 837 | NR |
| 370 | 566 | NR | 500 | 14286 | NR | 630 | 35946 | NR | 760 | 2875 | NR | 890 | 938 | NR |
| 375 | 689 | NR | 505 | 15591 | NR | 635 | 35109 | NR | 765 | 2561 | NR | 895 | 722 | NR |
| 380 | 659 | NR | 510 | 16757 | NR | 640 | 33848 | NR | 770 | 2263 | NR | 900 | 712 | NR |
| 385 | 616 | NR | 515 | 17969 | NR | 645 | 32907 | NR | 775 | 1981 | NR | 905 | 660 | NR |
| 390 | 575 | NR | 520 | 19153 | NR | 650 | 31426 | NR | 780 | 1758 | NR | 910 | 722 | NR |
| 395 | 507 | NR | 525 | 20279 | NR | 655 | 29538 | NR | 785 | 1656 | NR | 915 | 683 | NR |
| 400 | 452 | NR | 530 | 21424 | NR | 660 | 27902 | NR | 790 | 1510 | NR | 920 | 536 | NR |
| 405 | 442 | NR | 535 | 22450 | NR | 665 | 25950 | NR | 795 | 1317 | NR | 925 | 653 | NR |
| 410 | 492 | NR | 540 | 23201 | NR | 670 | 23596 | NR | 800 | 1296 | NR | 930 | 693 | NR |
| 415 | 658 | NR | 545 | 23916 | NR | 675 | 21412 | NR | 805 | 1239 | NR | 935 | 1009 | NR |
| 420 | 1015 | NR | 550 | 24774 | NR | 680 | 19353 | NR | 810 | 1094 | NR | 940 | 1041 | NR |
| 425 | 1715 | NR | 555 | 25531 | NR | 685 | 17528 | NR | 815 | 1156 | NR | 945 | 716 | NR |
| 430 | 3048 | NR | 560 | 26160 | NR | 690 | 15706 | NR | 820 | 966 | NR | 950 | 700 | NR |
| 435 | 5481 | NR | 565 | 26923 | NR | 695 | 13845 | NR | 825 | 931 | NR | 955 | 812 | NR |
| 440 | 9614 | NR | 570 | 27732 | NR | 700 | 12373 | NR | 830 | 938 | NR | 960 | 505 | NR |
| 445 | 14315 | NR | 575 | 28529 | NR | 705 | 10898 | NR | 835 | 822 | NR | 965 | 551 | NR |
| 450 | 14893 | NR | 580 | 29552 | NR | 710 | 9649 | NR | 840 | 838 | NR | 970 | 824 | NR |
| 455 | 11988 | NR | 585 | 30530 | NR | 715 | 8554 | NR | 845 | 759 | NR | 975 | 814 | NR |
| 460 | 10638 | NR | 590 | 31835 | NR | 720 | 7611 | NR | 850 | 712 | NR | 980 | 926 | NR |
| 465 | 9480 | NR | 595 | 32776 | NR | 725 | 6679 | NR | 855 | 651 | NR | 985 | 954 | NR |
| 470 | 8416 | NR | 600 | 33912 | NR | 730 | 5833 | NR | 860 | 789 | NR | 990 | 814 | NR |
| 475 | 8624 | NR | 605 | 35057 | NR | 735 | 5111 | NR | 865 | 715 | NR | 995 | 765 | NR |
| 480 | 9529 | NR | 610 | 35715 | NR | 740 | 4579 | NR | 870 | 935 | NR | 1000 | 954 | NR |
| 485 | 10656 | NR | 615 | 36371 | NR | 745 | 4054 | NR | 875 | 919 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-2

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: 1008.8** **S/P: 0.54**

| 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 | 718 | NR | 490 | 11837 | NR | 620 | 36553 | NR | 750 | 3581 | NR | 880 | 702 | NR |
| 365 | 573 | NR | 495 | 13045 | NR | 625 | 36706 | NR | 755 | 3240 | NR | 885 | 837 | NR |
| 370 | 566 | NR | 500 | 14286 | NR | 630 | 35946 | NR | 760 | 2875 | NR | 890 | 938 | NR |
| 375 | 689 | NR | 505 | 15591 | NR | 635 | 35109 | NR | 765 | 2561 | NR | 895 | 722 | NR |
| 380 | 659 | NR | 510 | 16757 | NR | 640 | 33848 | NR | 770 | 2263 | NR | 900 | 712 | NR |
| 385 | 616 | NR | 515 | 17969 | NR | 645 | 32907 | NR | 775 | 1981 | NR | 905 | 660 | NR |
| 390 | 575 | NR | 520 | 19153 | NR | 650 | 31426 | NR | 780 | 1758 | NR | 910 | 722 | NR |
| 395 | 507 | NR | 525 | 20279 | NR | 655 | 29538 | NR | 785 | 1656 | NR | 915 | 683 | NR |
| 400 | 452 | NR | 530 | 21424 | NR | 660 | 27902 | NR | 790 | 1510 | NR | 920 | 536 | NR |
| 405 | 442 | NR | 535 | 22450 | NR | 665 | 25950 | NR | 795 | 1317 | NR | 925 | 653 | NR |
| 410 | 492 | NR | 540 | 23201 | NR | 670 | 23596 | NR | 800 | 1296 | NR | 930 | 693 | NR |
| 415 | 658 | NR | 545 | 23916 | NR | 675 | 21412 | NR | 805 | 1239 | NR | 935 | 1009 | NR |
| 420 | 1015 | NR | 550 | 24774 | NR | 680 | 19353 | NR | 810 | 1094 | NR | 940 | 1041 | NR |
| 425 | 1715 | NR | 555 | 25531 | NR | 685 | 17528 | NR | 815 | 1156 | NR | 945 | 716 | NR |
| 430 | 3048 | NR | 560 | 26160 | NR | 690 | 15706 | NR | 820 | 966 | NR | 950 | 700 | NR |
| 435 | 5481 | NR | 565 | 26923 | NR | 695 | 13845 | NR | 825 | 931 | NR | 955 | 812 | NR |
| 440 | 9614 | NR | 570 | 27732 | NR | 700 | 12373 | NR | 830 | 938 | NR | 960 | 505 | NR |
| 445 | 14315 | NR | 575 | 28529 | NR | 705 | 10898 | NR | 835 | 822 | NR | 965 | 551 | NR |
| 450 | 14893 | NR | 580 | 29552 | NR | 710 | 9649 | NR | 840 | 838 | NR | 970 | 824 | NR |
| 455 | 11988 | NR | 585 | 30530 | NR | 715 | 8554 | NR | 845 | 759 | NR | 975 | 814 | NR |
| 460 | 10638 | NR | 590 | 31835 | NR | 720 | 7611 | NR | 850 | 712 | NR | 980 | 926 | NR |
| 465 | 9480 | NR | 595 | 32776 | NR | 725 | 6679 | NR | 855 | 651 | NR | 985 | 954 | NR |
| 470 | 8416 | NR | 600 | 33912 | NR | 730 | 5833 | NR | 860 | 789 | NR | 990 | 814 | NR |
| 475 | 8624 | NR | 605 | 35057 | NR | 735 | 5111 | NR | 865 | 715 | NR | 995 | 765 | NR |
| 480 | 9529 | NR | 610 | 35715 | NR | 740 | 4579 | NR | 870 | 935 | NR | 1000 | 954 | NR |
| 485 | 10656 | NR | 615 | 36371 | NR | 745 | 4054 | NR | 875 | 919 | NR | | | |

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

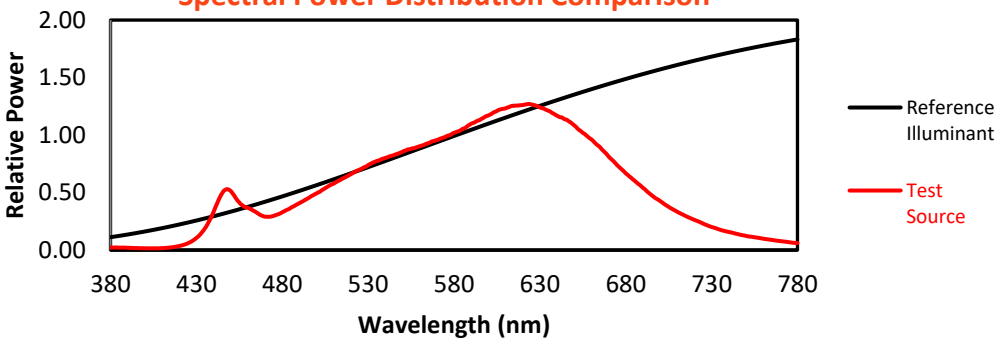
REPORT NUMBER: SP1-2106-271-2

# TM-30-18

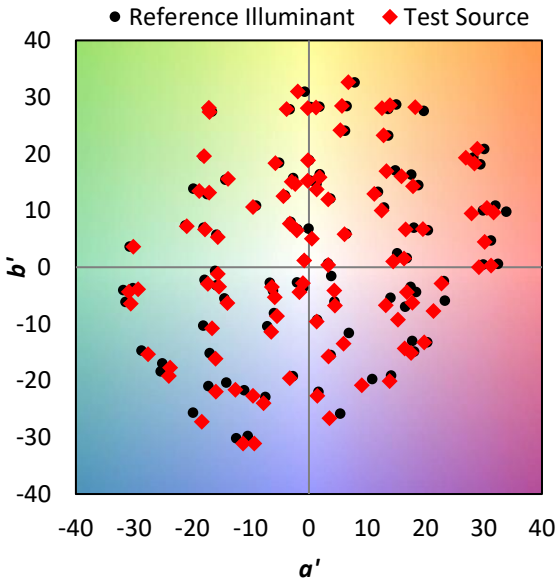
## Summary

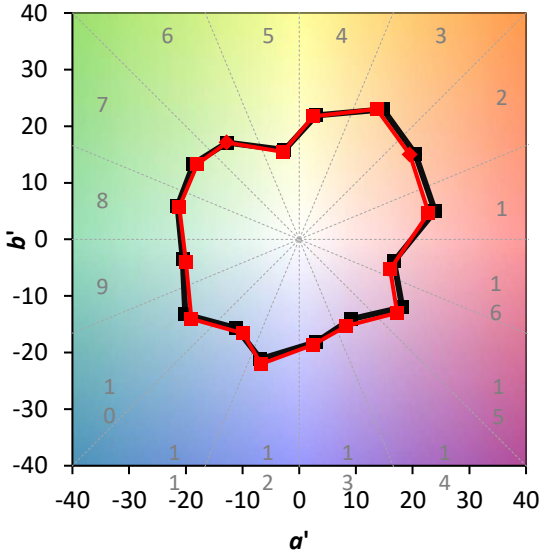
$R_f$ = 92.8
$R_g$ = 98
CIE $R_a$ = 92.3
$R_9$ = 58.9

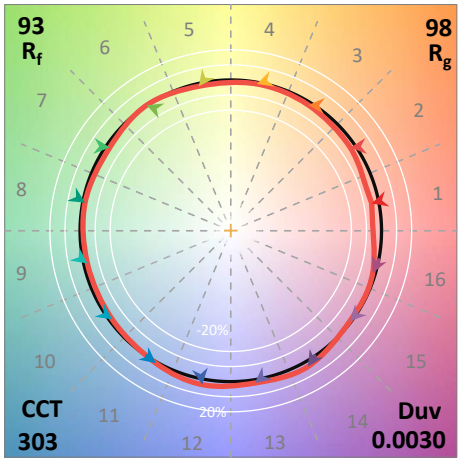
## Spectral Power Distribution Comparison

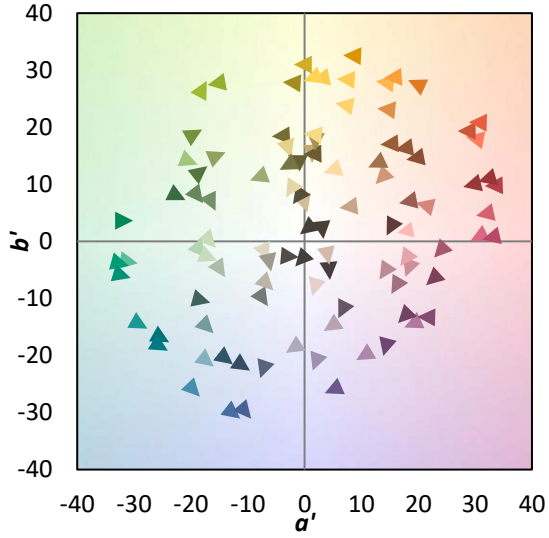



## Color Vector Graphics



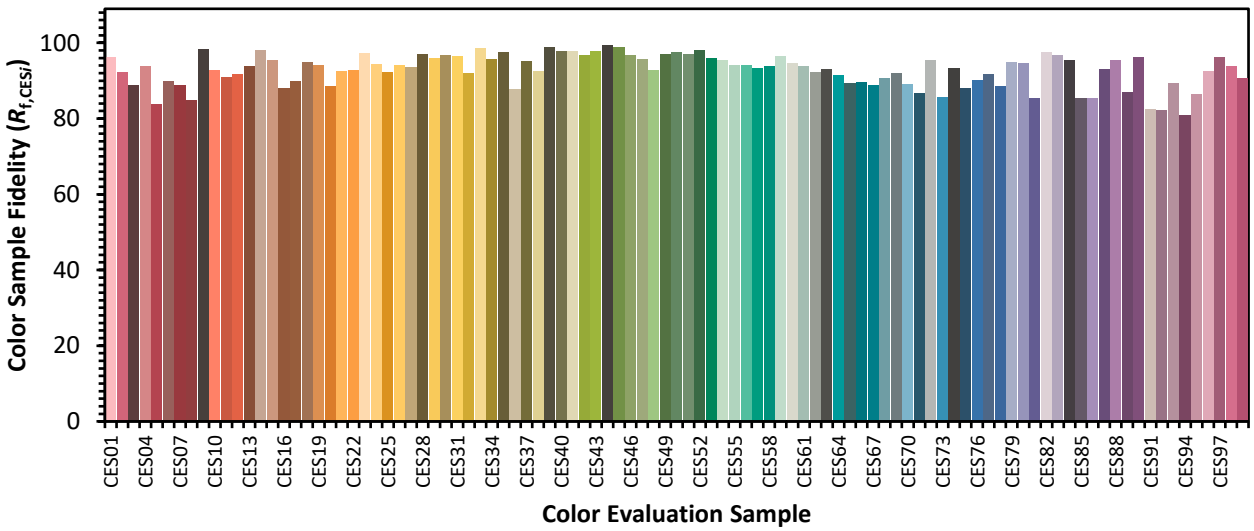
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Peachtree City, GA 30269

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

| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 94 | CES51 = 97 | CES76 = 90 |
| CES02 = 63 | CES27 = 94 | CES52 = 98 | CES77 = 92 |
| CES03 = 32 | CES28 = 97 | CES53 = 96 | CES78 = 88 |
| CES04 = 70 | CES29 = 96 | CES54 = 95 | CES79 = 95 |
| CES05 = 50 | CES30 = 97 | CES55 = 94 | CES80 = 95 |
| CES06 = 51 | CES31 = 97 | CES56 = 94 | CES81 = 85 |
| CES07 = 43 | CES32 = 92 | CES57 = 93 | CES82 = 98 |
| CES08 = 42 | CES33 = 99 | CES58 = 94 | CES83 = 97 |
| CES09 = 29 | CES34 = 96 | CES59 = 96 | CES84 = 95 |
| CES10 = 76 | CES35 = 98 | CES60 = 95 | CES85 = 86 |
| CES11 = 58 | CES36 = 88 | CES61 = 94 | CES86 = 85 |
| CES12 = 65 | CES37 = 95 | CES62 = 92 | CES87 = 93 |
| CES13 = 44 | CES38 = 93 | CES63 = 93 | CES88 = 96 |
| CES14 = 74 | CES39 = 99 | CES64 = 91 | CES89 = 87 |
| CES15 = 72 | CES40 = 98 | CES65 = 89 | CES90 = 96 |
| CES16 = 48 | CES41 = 98 | CES66 = 90 | CES91 = 82 |
| CES17 = 50 | CES42 = 97 | CES67 = 89 | CES92 = 82 |
| CES18 = 57 | CES43 = 98 | CES68 = 91 | CES93 = 89 |
| CES19 = 72 | CES44 = 99 | CES69 = 92 | CES94 = 81 |
| CES20 = 67 | CES45 = 99 | CES70 = 89 | CES95 = 86 |
| CES21 = 86 | CES46 = 97 | CES71 = 87 | CES96 = 93 |
| CES22 = 79 | CES47 = 96 | CES72 = 95 | CES97 = 96 |
| CES23 = 92 | CES48 = 93 | CES73 = 86 | CES98 = 94 |
| CES24 = 90 | CES49 = 97 | CES74 = 93 | CES99 = 91 |
| CES25 = 72 | CES50 = 98 | CES75 = 88 | |

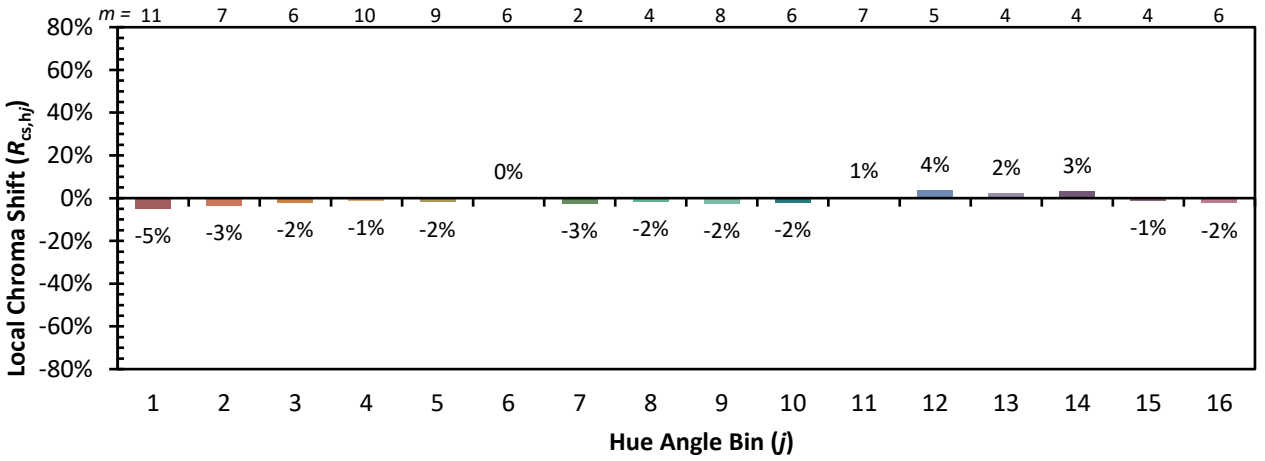


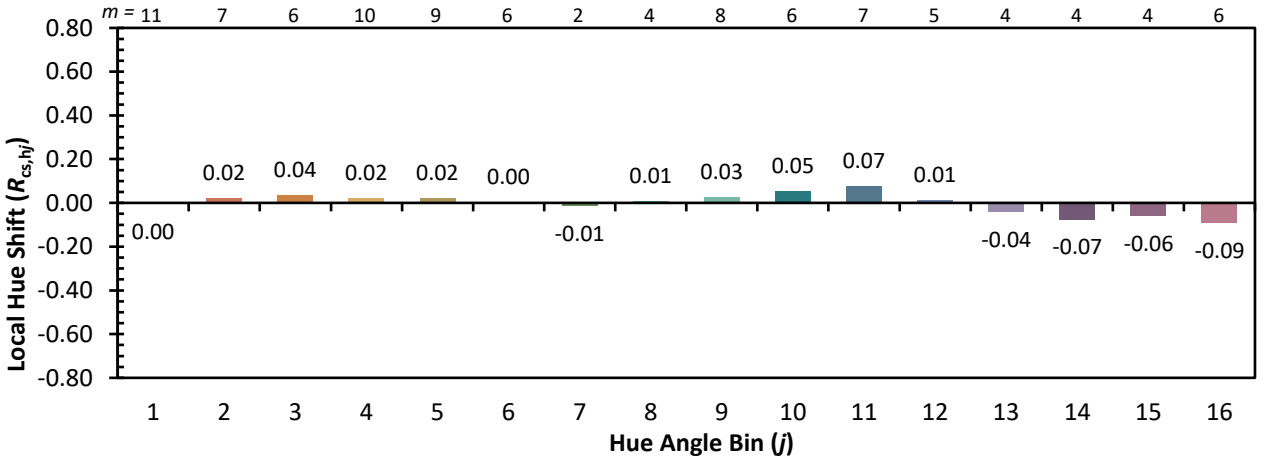
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Peachtree City, GA 30269

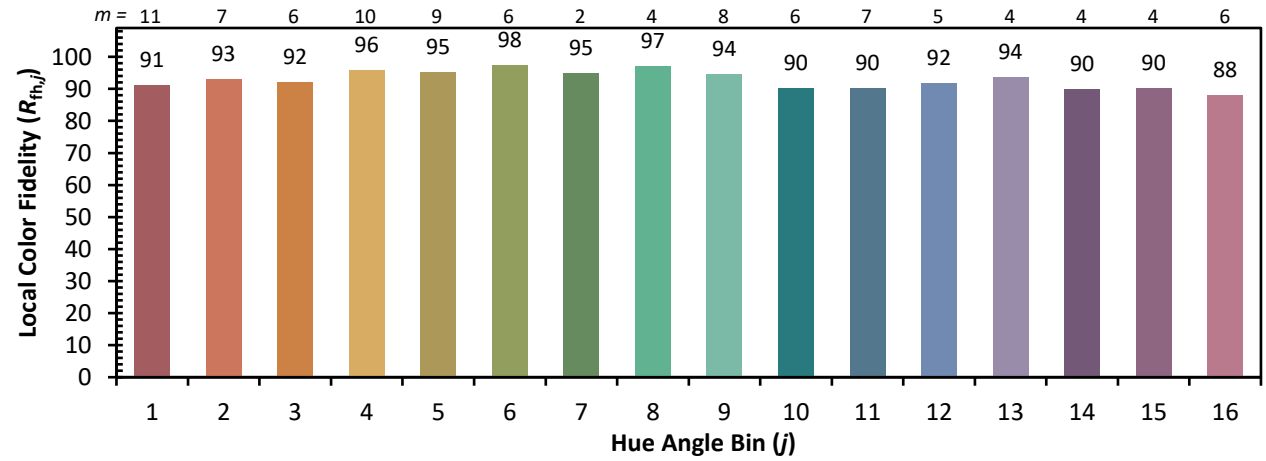
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## Color Rendition by Hue-Angle Bin



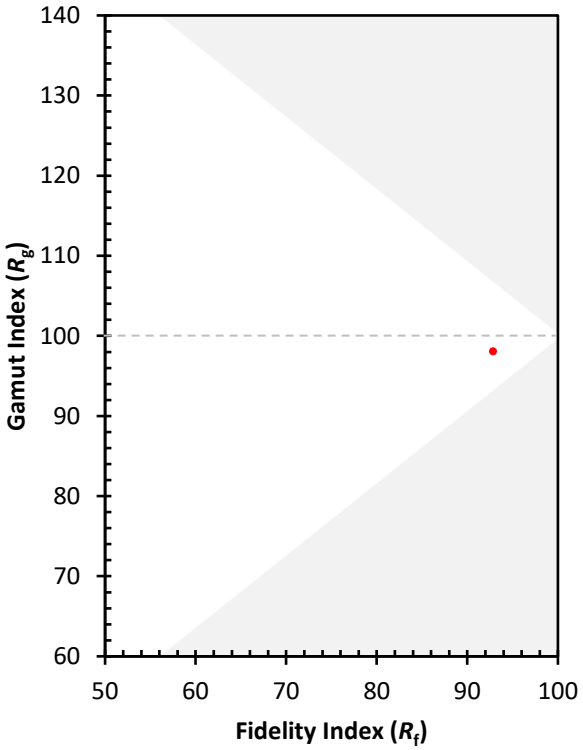



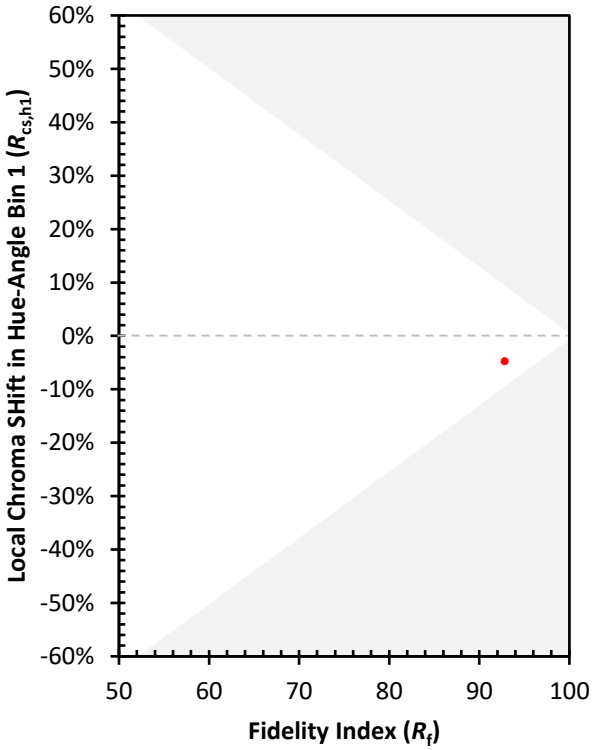
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### Measure Comparisons




(END OF REPORT)