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: P1365012

Luminaire Tested: **GSS-SB2B-750-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1365012 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB2B-750-U-SLL |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 74W 70CRI 5000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC |
| Light Source: | (52) 5000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 10518.4 lumens |
| Efficiency: | N/A |
| Efficacy: | 142.1 lumens/watt |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B2 - U0 - G2 |

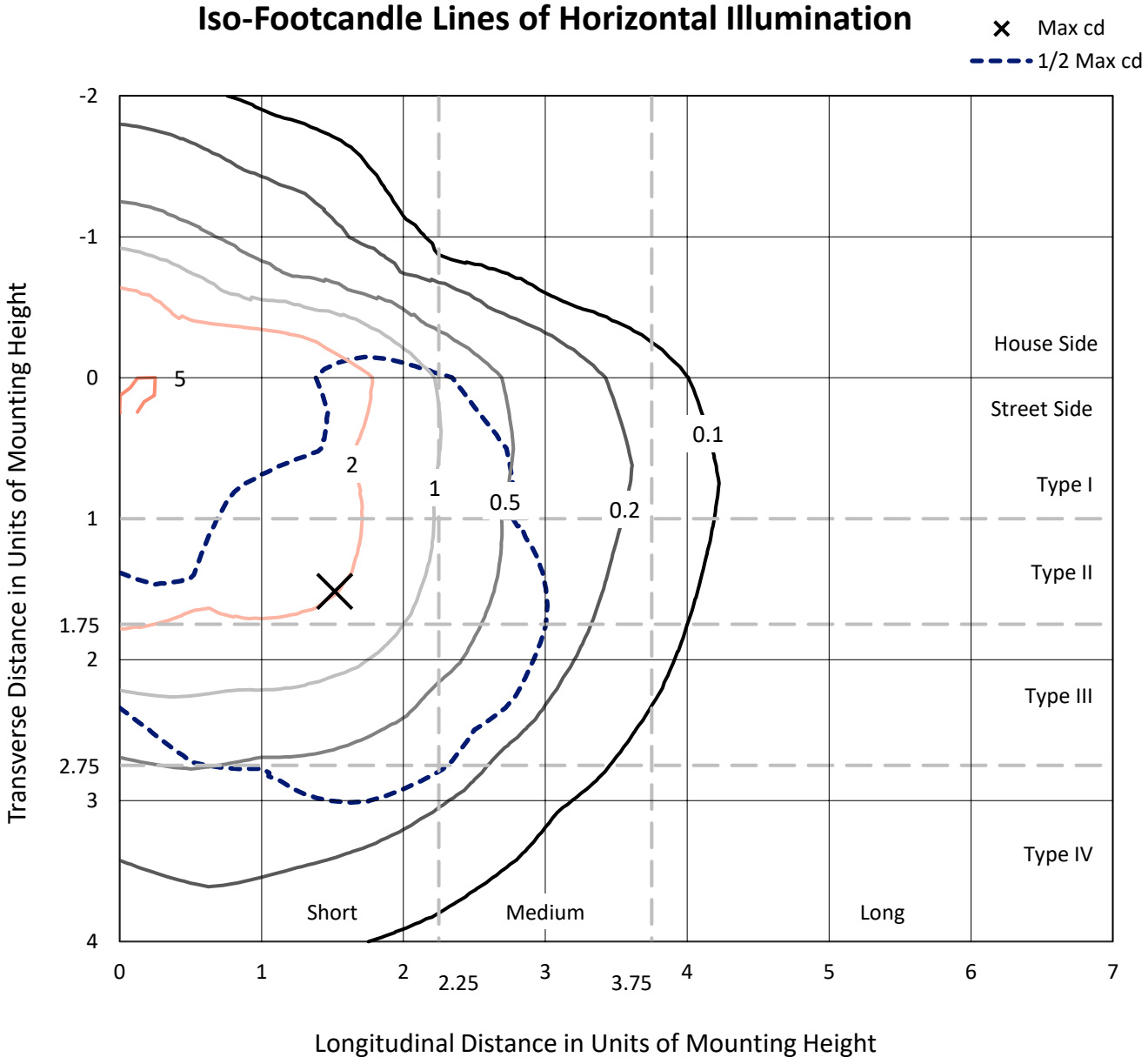
| | |
|---|---|
| Input Watts (W): | 74 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 13.6% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



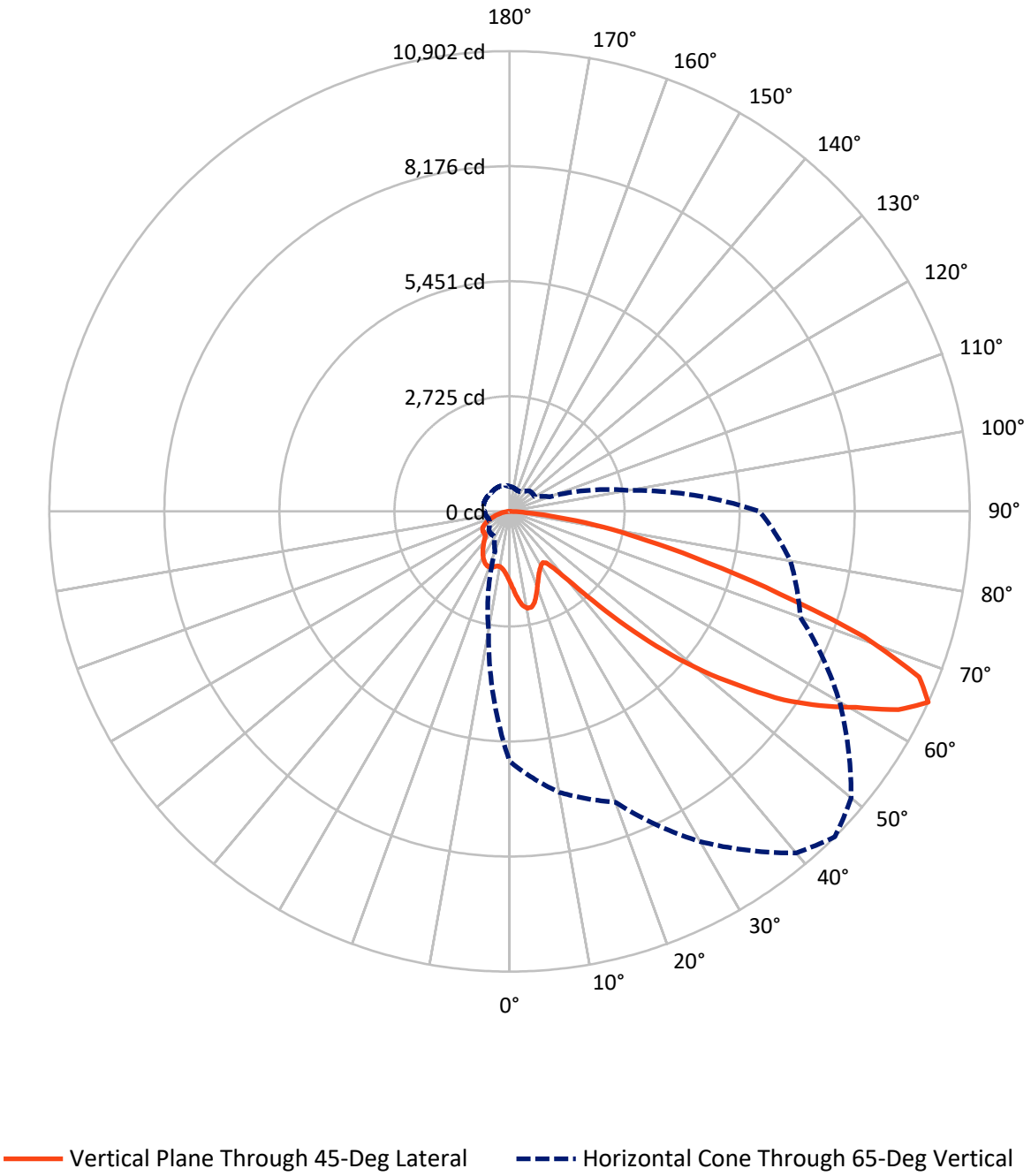

Based on 20 foot mounting height. Maximum calculated value = 5.6 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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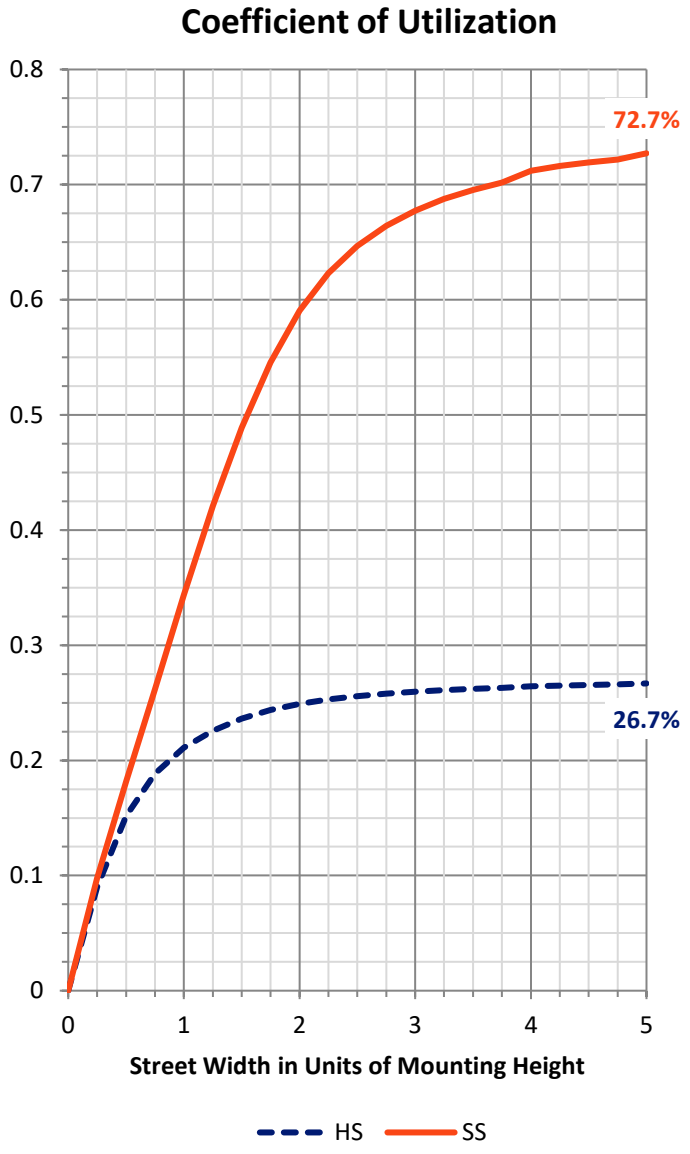
REPORT NUMBER: P1365012
CATALOG NUMBER: GSS-SB2B-750-U-SLL

**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 2829.7 | 0.0 | 2829.7 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 7688.7 | 0.0 | 7688.7 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 10518.4 | 0.0 | 10518.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 165.6 | 1.6 |
| 10°-20° | 507.5 | 4.8 |
| 20°-30° | 785.4 | 7.5 |
| 30°-40° | 974.5 | 9.3 |
| 40°-50° | 1425.0 | 13.5 |
| 50°-60° | 2232.1 | 21.2 |
| 60°-70° | 2648.5 | 25.2 |
| 70°-80° | 1544.7 | 14.7 |
| 80°-90° | 235.0 | 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° | 10518.4 | 100.0 |
| 0°-180° | 10518.4 | 100.0 |



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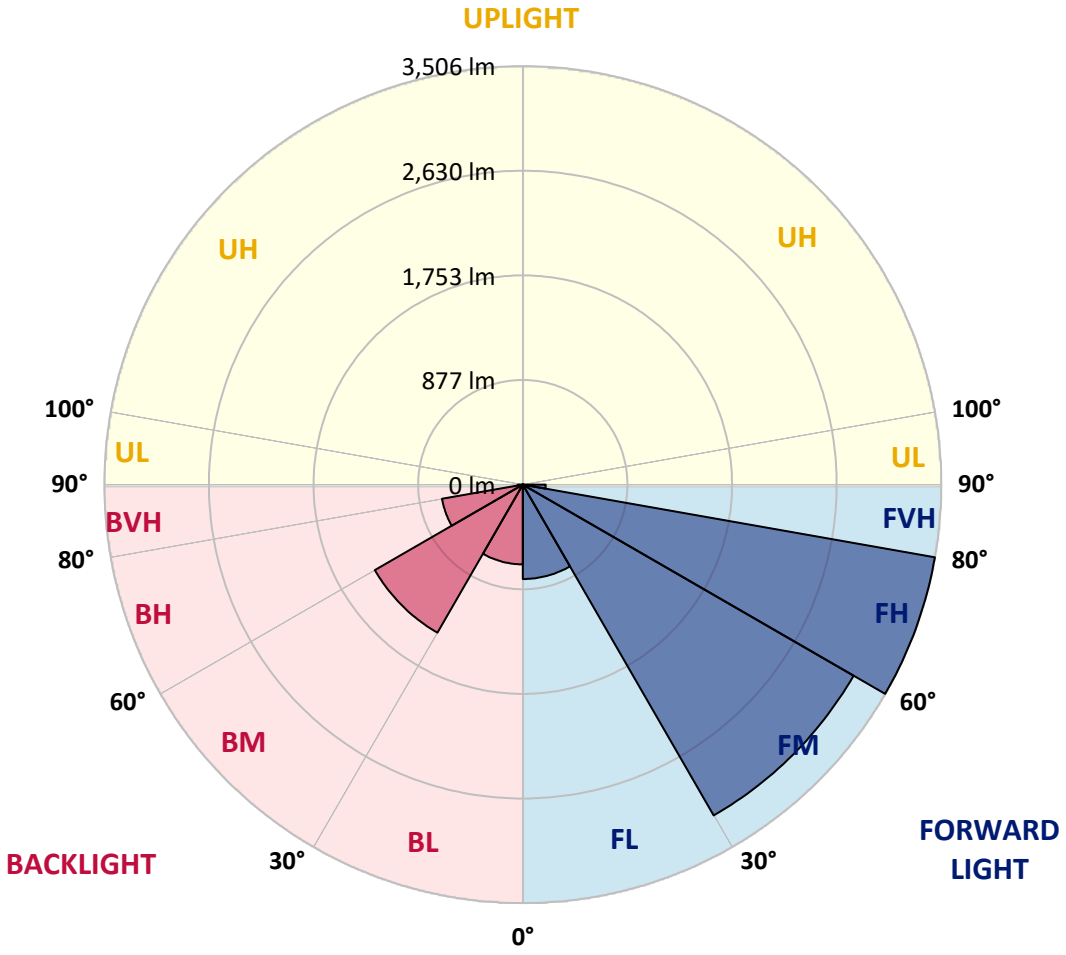
Scaled Data Report

REPORT NUMBER: P1365012
CATALOG NUMBER: GSS-SB2B-750-U-SLL

## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 790.6 | 7.5 | | | |
| FM | (30°-60°) | 3199.9 | 30.4 | | | |
| FH | (60°-80°) | 3506.1 | 33.3 | | | G2/5000 |
| FVH | (80°-90°) | 192.2 | 1.8 | | | G2/225 |
| BL | (0°-30°) | 668.0 | 6.4 | B2/1000 | | |
| BM | (30°-60°) | 1431.7 | 13.6 | B2/2500 | | |
| BH | (60°-80°) | 687.2 | 6.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 42.8 | 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-G2**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | *1677.2* | 1677.2 |
| 2.5° | 1812.2 | 1818.7 | 1825.1 | 1832.0 | 1839.2 | 1843.4 | 1847.5 | 1851.8 | 1856.0 | *1859.8* | 1856.0 |
| 5° | 1935.7 | 1964.8 | 1993.6 | 2013.1 | 2032.7 | 2047.6 | 2062.5 | 2071.0 | 2079.8 | *2081.0* | 2079.8 |
| 7.5° | 2060.5 | 2094.9 | 2129.4 | 2159.2 | 2189.1 | 2208.1 | 2227.2 | 2238.2 | 2249.5 | *2253.4* | 2249.5 |
| 10° | 2138.9 | 2179.3 | 2219.9 | 2248.8 | 2277.8 | 2295.6 | 2313.1 | 2321.8 | 2330.6 | *2333.1* | 2330.6 |
| 12.5° | 2178.8 | 2217.6 | 2256.5 | 2278.9 | 2301.0 | 2312.3 | 2323.4 | 2327.5 | 2331.1 | *2328.0* | 2331.1 |
| 15° | 2198.1 | 2221.0 | 2243.6 | 2253.1 | 2262.4 | 2257.0 | 2251.3 | 2243.4 | 2235.4 | *2230.2* | 2235.4 |
| 17.5° | 2203.2 | 2211.2 | 2219.4 | 2202.2 | 2185.2 | 2154.4 | 2123.5 | 2100.3 | 2077.2 | *2060.5* | 2077.2 |
| 20° | 2219.9 | 2207.1 | 2194.2 | 2148.4 | 2102.9 | 2045.0 | 1987.1 | 1948.3 | 1909.2 | *1885.5* | 1909.2 |
| 22.5° | 2238.0 | 2201.7 | 2165.4 | 2088.5 | 2011.6 | 1932.4 | 1853.4 | 1808.6 | 1764.1 | *1738.9* | 1764.1 |
| 25° | 2266.3 | 2204.0 | 2141.5 | 2037.6 | 1933.9 | 1840.8 | 1747.9 | 1699.3 | 1650.9 | *1623.2* | 1650.9 |
| 27.5° | 2307.4 | 2212.2 | 2117.1 | 1988.4 | 1859.8 | 1759.0 | 1657.9 | 1611.6 | 1565.3 | *1540.8* | 1565.3 |
| 30° | 2365.3 | 2239.0 | 2112.4 | 1958.6 | 1804.5 | 1699.0 | 1593.6 | 1548.3 | 1502.8 | *1476.5* | 1502.8 |
| 32.5° | 2436.0 | 2276.5 | 2117.1 | 1944.7 | 1772.4 | 1664.8 | 1557.6 | 1514.1 | 1470.9 | *1448.2* | 1470.9 |
| 35° | 2555.6 | 2353.7 | 2151.8 | 1960.7 | 1769.8 | 1670.0 | 1570.4 | 1538.5 | 1506.9 | *1494.5* | 1506.9 |
| 37.5° | 2707.4 | 2471.5 | 2235.4 | 2038.6 | 1841.8 | 1773.9 | 1706.0 | 1706.0 | 1706.0 | *1715.8* | 1706.0 |
| 40° | 2931.2 | 2666.3 | 2401.3 | 2215.1 | 2029.1 | 2025.0 | 2021.4 | 2064.6 | 2108.1 | *2127.3* | 2108.1 |
| 42.5° | 3245.0 | 2964.9 | 2685.0 | 2534.8 | 2384.6 | 2474.6 | 2564.6 | 2689.7 | 2814.7 | *2896.5* | 2814.7 |
| 45° | 3634.7 | 3362.1 | 3089.4 | 2984.5 | 2879.8 | 3080.1 | 3280.3 | 3501.2 | 3722.2 | *3879.1* | 3722.2 |
| 47.5° | 4007.7 | 3778.3 | 3548.6 | 3488.6 | 3429.0 | 3762.1 | 4095.2 | 4419.1 | 4742.9 | *4933.8* | 4742.9 |
| 50° | 4439.9 | 4233.6 | 4027.0 | 4015.5 | 4003.9 | 4447.6 | 4891.3 | 5309.4 | 5727.4 | *5960.2* | 5727.4 |
| 52.5° | 4994.2 | 4767.6 | 4540.7 | 4550.0 | 4558.7 | 5085.8 | 5612.9 | 6118.4 | 6623.8 | *6886.2* | 6623.8 |
| 55° | 5656.6 | 5372.4 | 5088.1 | 5086.6 | 5085.0 | 5690.6 | 6296.6 | 6917.6 | 7539.1 | *7889.4* | 7539.1 |
| 57.5° | 6331.9 | 6065.6 | 5799.4 | 5736.1 | 5672.6 | 6305.9 | 6938.9 | 7624.7 | 8310.8 | *8679.1* | 8310.8 |
| 60° | 6838.6 | 6692.0 | 6545.4 | 6444.0 | 6342.9 | 6993.2 | 7643.8 | 8352.2 | 9060.4 | *9427.7* | 9060.4 |
| 62.5° | 6629.0 | 6891.1 | 7153.2 | 7145.8 | 7138.3 | 7840.3 | 8542.3 | 9279.0 | 10016.3 | *10346.0* | 10016.3 |
| 65° | *5921.6* | *6339.6* | *6757.6* | *7045.2* | *7332.5* | *8181.1* | *9029.5* | *9797.1* | *10564.7* | *10901.7* | *10564.7* |
| 67.5° | 5257.9 | 5626.3 | 5994.9 | 6230.3 | 6465.6 | 7421.8 | 8378.2 | 9249.2 | 10120.2 | *10466.9* | 10120.2 |
| 70° | 4622.5 | 5030.5 | 5438.5 | 5606.7 | 5775.0 | 6587.3 | 7399.4 | 8088.5 | 8777.4 | *8913.2* | 8777.4 |
| 72.5° | 3967.9 | 4453.0 | 4938.4 | 5009.7 | 5080.9 | 5672.1 | 6263.2 | 6630.3 | 6997.3 | *6701.0* | 6997.3 |
| 75° | 3248.9 | 3796.3 | 4343.4 | 4391.0 | 4438.6 | 4622.8 | 4807.2 | 4900.6 | 4994.2 | *4825.8* | 4994.2 |
| 77.5° | 2160.8 | 2634.6 | 3108.7 | 3215.5 | 3322.2 | 3444.9 | 3567.9 | 3561.4 | 3555.0 | *3318.3* | 3555.0 |
| 80° | 1268.2 | 1638.9 | 2009.5 | 2023.4 | 2037.3 | 2129.4 | 2221.2 | 2315.1 | 2409.0 | *2258.5* | 2409.0 |
| 82.5° | 634.1 | 837.6 | 1041.3 | 1072.7 | 1104.1 | 1160.4 | 1216.7 | 1243.0 | 1269.5 | *1142.1* | 1269.5 |
| 85° | 144.1 | 197.0 | 250.0 | 301.2 | 352.4 | 411.6 | 470.7 | 464.1 | 457.4 | *385.9* | 457.4 |
| 87.5° | 11.6 | 11.8 | 12.3 | 12.6 | 12.9 | 13.1 | 13.4 | 14.1 | 14.9 | *15.4* | 14.9 |
| 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):**

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 |
| 2.5° | 1851.8 | 1847.5 | 1843.4 | 1839.2 | 1832.0 | 1825.1 | 1818.7 | 1812.2 | 1795.8 | 1779.6 | 1764.6 |
| 5° | 2071.0 | 2062.5 | 2047.6 | 2032.7 | 2013.1 | 1993.6 | 1964.8 | 1935.7 | 1906.6 | 1877.8 | 1847.5 |
| 7.5° | 2238.2 | 2227.2 | 2208.1 | 2189.1 | 2159.2 | 2129.4 | 2094.9 | 2060.5 | 2011.6 | 1962.7 | 1916.7 |
| 10° | 2321.8 | 2313.1 | 2295.6 | 2277.8 | 2248.8 | 2219.9 | 2179.3 | 2138.9 | 2080.5 | 2021.9 | 1964.8 |
| 12.5° | 2327.5 | 2323.4 | 2312.3 | 2301.0 | 2278.9 | 2256.5 | 2217.6 | 2178.8 | 2120.7 | 2062.5 | 1998.5 |
| 15° | 2243.4 | 2251.3 | 2257.0 | 2262.4 | 2253.1 | 2243.6 | 2221.0 | 2198.1 | 2139.2 | 2080.5 | 2015.4 |
| 17.5° | 2100.3 | 2123.5 | 2154.4 | 2185.2 | 2202.2 | 2219.4 | 2211.2 | 2203.2 | 2148.2 | 2093.4 | 2023.9 |
| 20° | 1948.3 | 1987.1 | 2045.0 | 2102.9 | 2148.4 | 2194.2 | 2207.1 | 2219.9 | 2164.4 | 2108.8 | 2034.2 |
| 22.5° | 1808.6 | 1853.4 | 1932.4 | 2011.6 | 2088.5 | 2165.4 | 2201.7 | 2238.0 | 2187.0 | 2136.3 | 2054.3 |
| 25° | 1699.3 | 1747.9 | 1840.8 | 1933.9 | 2037.6 | 2141.5 | 2204.0 | 2266.3 | 2222.3 | 2178.3 | 2088.8 |
| 27.5° | 1611.6 | 1657.9 | 1759.0 | 1859.8 | 1988.4 | 2117.1 | 2212.2 | 2307.4 | 2273.7 | 2240.0 | 2139.2 |
| 30° | 1548.3 | 1593.6 | 1699.0 | 1804.5 | 1958.6 | 2112.4 | 2239.0 | 2365.3 | 2338.8 | 2312.6 | 2198.9 |
| 32.5° | 1514.1 | 1557.6 | 1664.8 | 1772.4 | 1944.7 | 2117.1 | 2276.5 | 2436.0 | 2419.6 | 2403.1 | 2269.1 |
| 35° | 1538.5 | 1570.4 | 1670.0 | 1769.8 | 1960.7 | 2151.8 | 2353.7 | 2555.6 | 2535.1 | 2514.5 | 2343.7 |
| 37.5° | 1706.0 | 1706.0 | 1773.9 | 1841.8 | 2038.6 | 2235.4 | 2471.5 | 2707.4 | 2683.0 | 2658.5 | 2434.7 |
| 40° | 2064.6 | 2021.4 | 2025.0 | 2029.1 | 2215.1 | 2401.3 | 2666.3 | 2931.2 | 2883.1 | 2834.7 | 2538.9 |
| 42.5° | 2689.7 | 2564.6 | 2474.6 | 2384.6 | 2534.8 | 2685.0 | 2964.9 | 3245.0 | 3143.2 | 3041.0 | 2654.2 |
| 45° | 3501.2 | 3280.3 | 3080.1 | 2879.8 | 2984.5 | 3089.4 | 3362.1 | 3634.7 | 3471.4 | 3308.1 | 2810.6 |
| 47.5° | 4419.1 | 4095.2 | 3762.1 | 3429.0 | 3488.6 | 3548.6 | 3778.3 | 4007.7 | 3800.9 | 3594.1 | 2971.3 |
| 50° | 5309.4 | 4891.3 | 4447.6 | 4003.9 | 4015.5 | 4027.0 | 4233.6 | 4439.9 | 4159.5 | 3879.1 | 3111.5 |
| 52.5° | 6118.4 | 5612.9 | 5085.8 | 4558.7 | 4550.0 | 4540.7 | 4767.6 | 4994.2 | 4549.0 | 4103.4 | 3177.9 |
| 55° | 6917.6 | 6296.6 | 5690.6 | 5085.0 | 5086.6 | 5088.1 | 5372.4 | 5656.6 | 4940.2 | 4223.8 | 3160.4 |
| 57.5° | 7624.7 | 6938.9 | 6305.9 | 5672.6 | 5736.1 | 5799.4 | 6065.6 | 6331.9 | 5268.7 | 4205.8 | 3065.0 |
| 60° | 8352.2 | 7643.8 | 6993.2 | 6342.9 | 6444.0 | 6545.4 | 6692.0 | 6838.6 | 5415.9 | 3992.8 | 2836.3 |
| 62.5° | 9279.0 | 8542.3 | 7840.3 | 7138.3 | 7145.8 | 7153.2 | 6891.1 | 6629.0 | 5089.4 | 3549.9 | 2461.5 |
| 65° | *9797.1* | *9029.5* | *8181.1* | *7332.5* | *7045.2* | *6757.6* | *6339.6* | *5921.6* | *4389.7* | *2857.9* | *1930.8* |
| 67.5° | 9249.2 | 8378.2 | 7421.8 | 6465.6 | 6230.3 | 5994.9 | 5626.3 | 5257.9 | 3770.1 | 2282.2 | 1502.5 |
| 70° | 8088.5 | 7399.4 | 6587.3 | 5775.0 | 5606.7 | 5438.5 | 5030.5 | 4622.5 | 3202.8 | 1783.2 | 1151.4 |
| 72.5° | 6630.3 | 6263.2 | 5672.1 | 5080.9 | 5009.7 | 4938.4 | 4453.0 | 3967.9 | 2659.6 | 1351.0 | 865.6 |
| 75° | 4900.6 | 4807.2 | 4622.8 | 4438.6 | 4391.0 | 4343.4 | 3796.3 | 3248.9 | 2123.5 | 998.1 | 641.5 |
| 77.5° | 3561.4 | 3567.9 | 3444.9 | 3322.2 | 3215.5 | 3108.7 | 2634.6 | 2160.8 | 1393.2 | 625.6 | 414.7 |
| 80° | 2315.1 | 2221.2 | 2129.4 | 2037.3 | 2023.4 | 2009.5 | 1638.9 | 1268.2 | 798.7 | 329.3 | 229.2 |
| 82.5° | 1243.0 | 1216.7 | 1160.4 | 1104.1 | 1072.7 | 1041.3 | 837.6 | 634.1 | 400.3 | 166.7 | 123.2 |
| 85° | 464.1 | 470.7 | 411.6 | 352.4 | 301.2 | 250.0 | 197.0 | 144.1 | 95.2 | 46.3 | 39.1 |
| 87.5° | 14.1 | 13.4 | 13.1 | 12.9 | 12.6 | 12.3 | 11.8 | 11.6 | 11.3 | 10.8 | 10.5 |
| 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):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 |
| 2.5° | 1749.7 | 1734.8 | 1719.6 | 1705.2 | 1690.6 | 1675.9 | 1663.0 | 1649.1 | 1635.5 | 1624.7 | 1614.2 |
| 5° | 1817.4 | 1787.8 | 1758.2 | 1730.2 | 1702.4 | 1673.3 | 1648.4 | 1623.7 | 1599.5 | 1579.4 | 1559.4 |
| 7.5° | 1870.6 | 1829.5 | 1788.3 | 1751.5 | 1714.5 | 1675.9 | 1645.8 | 1615.7 | 1585.9 | 1559.9 | 1533.6 |
| 10° | 1907.4 | 1856.7 | 1805.8 | 1763.4 | 1720.9 | 1679.8 | 1647.6 | 1616.0 | 1584.6 | 1557.8 | 1531.1 |
| 12.5° | 1934.4 | 1877.6 | 1820.7 | 1773.9 | 1727.3 | 1682.3 | 1650.9 | 1624.7 | 1598.7 | 1579.9 | 1561.4 |
| 15° | 1950.4 | 1889.1 | 1827.7 | 1774.9 | 1722.2 | 1672.0 | 1644.3 | 1627.3 | 1610.3 | 1608.8 | 1607.2 |
| 17.5° | 1954.5 | 1884.5 | 1814.8 | 1753.3 | 1692.1 | 1633.4 | 1609.8 | 1607.5 | 1605.2 | 1630.6 | 1656.1 |
| 20° | 1959.6 | 1877.6 | 1795.5 | 1714.7 | 1634.0 | 1556.3 | 1541.4 | 1556.0 | 1570.4 | 1620.3 | 1670.0 |
| 22.5° | 1972.5 | 1872.2 | 1771.8 | 1670.5 | 1569.1 | 1476.5 | 1462.4 | 1484.0 | 1505.3 | 1570.4 | 1635.5 |
| 25° | 1999.2 | 1871.7 | 1744.1 | 1617.8 | 1491.5 | 1385.2 | 1383.9 | 1407.3 | 1430.7 | 1490.9 | 1551.1 |
| 27.5° | 2038.6 | 1876.5 | 1714.5 | 1563.7 | 1412.7 | 1304.2 | 1310.6 | 1333.0 | 1355.6 | 1400.4 | 1445.2 |
| 30° | 2084.9 | 1887.1 | 1689.5 | 1516.7 | 1344.1 | 1238.6 | 1245.5 | 1263.0 | 1280.5 | 1312.9 | 1345.3 |
| 32.5° | 2135.1 | 1898.9 | 1663.0 | 1475.5 | 1288.2 | 1191.0 | 1191.0 | 1198.5 | 1205.9 | 1227.0 | 1248.1 |
| 35° | 2173.1 | 1896.1 | 1619.3 | 1428.7 | 1237.8 | 1162.7 | 1146.8 | 1140.6 | 1134.4 | 1148.3 | 1162.2 |
| 37.5° | 2210.9 | 1888.1 | 1565.3 | 1376.7 | 1188.4 | 1129.3 | 1098.9 | 1082.4 | 1065.5 | 1072.2 | 1078.3 |
| 40° | 2243.1 | 1870.1 | 1497.1 | 1314.7 | 1132.4 | 1085.5 | 1047.5 | 1022.8 | 998.1 | 997.6 | 996.8 |
| 42.5° | 2266.8 | 1839.0 | 1410.9 | 1240.9 | 1070.6 | 1037.9 | 990.9 | 959.5 | 928.1 | 924.8 | 921.4 |
| 45° | 2313.1 | 1817.6 | 1322.2 | 1165.8 | 1009.7 | 980.1 | 933.3 | 900.8 | 868.9 | 863.8 | 858.7 |
| 47.5° | 2348.6 | 1792.7 | 1236.8 | 1091.2 | 946.1 | 911.9 | 868.2 | 840.6 | 812.9 | 809.8 | 806.4 |
| 50° | 2343.9 | 1750.2 | 1156.3 | 1024.8 | 893.1 | 846.3 | 803.1 | 780.5 | 757.6 | 761.4 | 765.3 |
| 52.5° | 2252.1 | 1663.3 | 1074.7 | 965.2 | 856.1 | 796.1 | 749.8 | 732.9 | 715.6 | 727.7 | 739.6 |
| 55° | 2097.0 | 1548.0 | 998.6 | 915.2 | 831.4 | 771.7 | 717.2 | 698.1 | 679.1 | 696.1 | 713.1 |
| 57.5° | 1924.1 | 1427.4 | 930.7 | 873.1 | 815.4 | 765.3 | 698.4 | 671.6 | 645.1 | 662.1 | 679.1 |
| 60° | 1679.8 | 1274.9 | 870.0 | 829.6 | 789.2 | 749.8 | 683.0 | 649.5 | 616.1 | 627.4 | 638.5 |
| 62.5° | 1373.1 | 1081.4 | 789.7 | 767.1 | 744.7 | 728.0 | 664.2 | 620.5 | 576.7 | 578.3 | 579.3 |
| 65° | *1003.7* | *849.9* | *695.8* | *690.9* | *686.3* | *681.7* | *628.9* | *581.9* | *535.1* | *529.9* | *524.8* |
| 67.5° | 722.8 | 649.8 | 576.7 | 590.4 | 604.0 | 610.9 | 574.9 | 533.5 | 491.8 | 481.3 | 470.7 |
| 70° | 519.6 | 493.9 | 468.2 | 488.5 | 508.8 | 506.8 | 489.3 | 464.6 | 439.9 | 433.2 | 426.5 |
| 72.5° | 380.2 | 379.7 | 379.4 | 394.9 | 410.3 | 389.7 | 400.8 | 395.1 | 389.7 | 384.8 | 380.2 |
| 75° | 285.0 | 283.2 | 281.7 | 299.9 | 318.5 | 326.7 | 333.9 | 330.8 | 328.0 | 324.4 | 321.0 |
| 77.5° | 203.7 | 205.3 | 206.3 | 226.4 | 246.4 | 270.1 | 271.4 | 264.7 | 257.8 | 254.1 | 250.0 |
| 80° | 129.1 | 130.7 | 131.7 | 152.8 | 173.6 | 207.1 | 205.8 | 197.6 | 189.1 | 186.2 | 183.2 |
| 82.5° | 79.7 | 80.0 | 80.3 | 90.5 | 100.8 | 119.6 | 124.8 | 124.8 | 124.8 | 123.0 | 120.9 |
| 85° | 32.2 | 33.7 | 35.5 | 42.2 | 48.9 | 59.2 | 62.3 | 62.8 | 63.0 | 60.2 | 57.1 |
| 87.5° | 10.3 | 10.8 | 11.6 | 12.9 | 14.1 | 15.4 | 18.0 | 19.5 | 21.1 | 22.6 | 23.7 |
| 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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1365012
CATALOG NUMBER: GSS-SB2B-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 |
| 2.5° | 1604.9 | 1595.4 | 1584.3 | 1573.0 | 1565.0 | 1556.8 | 1551.4 | 1546.0 | 1543.4 | 1540.8 | 1538.8 |
| 5° | 1542.9 | 1525.9 | 1511.0 | 1495.8 | 1484.0 | 1471.9 | 1462.1 | 1452.1 | 1448.0 | 1443.6 | 1440.8 |
| 7.5° | 1511.5 | 1489.4 | 1470.9 | 1452.1 | 1434.3 | 1416.9 | 1405.5 | 1394.2 | 1387.5 | 1380.8 | 1376.0 |
| 10° | 1507.7 | 1484.3 | 1459.8 | 1435.4 | 1415.8 | 1396.3 | 1379.3 | 1362.8 | 1353.3 | 1344.1 | 1338.9 |
| 12.5° | 1539.8 | 1518.2 | 1489.1 | 1459.8 | 1433.3 | 1407.1 | 1386.2 | 1365.4 | 1353.6 | 1342.3 | 1334.5 |
| 15° | 1599.8 | 1592.3 | 1565.3 | 1538.3 | 1501.7 | 1465.0 | 1435.1 | 1405.0 | 1388.6 | 1371.6 | 1362.1 |
| 17.5° | 1670.7 | 1685.4 | 1666.6 | 1647.6 | 1596.2 | 1544.7 | 1500.2 | 1456.0 | 1431.8 | 1407.6 | 1399.1 |
| 20° | 1709.6 | 1749.2 | 1747.1 | 1745.3 | 1678.2 | 1610.8 | 1552.4 | 1494.0 | 1461.6 | 1429.7 | 1416.9 |
| 22.5° | 1692.6 | 1749.7 | 1764.4 | 1778.8 | 1712.9 | 1646.8 | 1574.8 | 1502.8 | 1464.7 | 1426.4 | 1414.3 |
| 25° | 1612.6 | 1674.1 | 1701.4 | 1728.6 | 1674.4 | 1620.1 | 1550.1 | 1480.4 | 1440.3 | 1399.9 | 1387.5 |
| 27.5° | 1494.5 | 1543.9 | 1574.5 | 1605.2 | 1572.0 | 1538.8 | 1482.2 | 1425.6 | 1390.1 | 1354.3 | 1341.2 |
| 30° | 1378.8 | 1412.2 | 1436.7 | 1461.1 | 1439.2 | 1417.4 | 1376.7 | 1336.3 | 1309.8 | 1283.6 | 1275.4 |
| 32.5° | 1273.1 | 1297.8 | 1311.4 | 1324.8 | 1307.8 | 1290.8 | 1264.1 | 1237.3 | 1220.8 | 1204.4 | 1199.0 |
| 35° | 1182.3 | 1202.6 | 1212.9 | 1223.2 | 1209.0 | 1194.9 | 1170.9 | 1147.3 | 1135.4 | 1123.6 | 1119.2 |
| 37.5° | 1095.6 | 1112.5 | 1127.2 | 1142.1 | 1131.8 | 1121.5 | 1101.2 | 1080.9 | 1067.0 | 1052.6 | 1044.9 |
| 40° | 1013.3 | 1029.5 | 1048.0 | 1066.2 | 1064.4 | 1062.4 | 1043.1 | 1023.8 | 1003.7 | 983.9 | 973.4 |
| 42.5° | 937.6 | 953.8 | 973.4 | 992.9 | 996.8 | 1000.6 | 984.7 | 968.5 | 945.3 | 922.2 | 906.0 |
| 45° | 872.5 | 887.0 | 908.3 | 929.9 | 938.9 | 947.9 | 933.5 | 918.8 | 892.9 | 866.9 | 847.6 |
| 47.5° | 821.1 | 836.0 | 859.7 | 883.6 | 893.1 | 902.9 | 893.1 | 883.6 | 861.2 | 838.6 | 821.6 |
| 50° | 781.5 | 797.4 | 816.0 | 834.7 | 852.5 | 870.0 | 868.2 | 866.4 | 848.6 | 830.9 | 814.9 |
| 52.5° | 754.2 | 769.1 | 788.4 | 807.7 | 826.2 | 845.0 | 847.9 | 850.9 | 838.1 | 825.2 | 811.3 |
| 55° | 730.8 | 748.6 | 766.6 | 784.6 | 802.1 | 819.3 | 823.2 | 827.0 | 817.8 | 808.2 | 797.9 |
| 57.5° | 698.4 | 717.7 | 735.7 | 753.7 | 774.0 | 794.3 | 797.4 | 800.5 | 790.7 | 780.7 | 773.0 |
| 60° | 658.3 | 677.8 | 696.6 | 715.1 | 735.7 | 756.3 | 760.4 | 764.5 | 756.8 | 749.1 | 741.9 |
| 62.5° | 601.7 | 623.8 | 639.2 | 654.7 | 674.2 | 694.0 | 699.9 | 706.1 | 702.5 | 699.2 | 690.9 |
| 65° | *545.9* | *567.2* | *579.3* | *591.6* | *608.6* | *625.6* | *631.5* | *637.4* | *635.6* | *634.1* | *628.2* |
| 67.5° | 490.3 | 509.8 | 519.9 | 529.9 | 541.5 | 553.1 | 559.7 | 566.4 | 563.1 | 559.5 | 553.3 |
| 70° | 442.4 | 458.4 | 467.1 | 475.9 | 485.1 | 494.4 | 498.0 | 501.6 | 496.5 | 491.3 | 477.4 |
| 72.5° | 392.3 | 404.4 | 411.8 | 419.3 | 428.0 | 436.8 | 438.8 | 441.2 | 433.2 | 425.0 | 408.7 |
| 75° | 330.3 | 339.6 | 345.2 | 351.1 | 360.1 | 369.1 | 373.0 | 376.9 | 365.5 | 354.5 | 337.2 |
| 77.5° | 258.5 | 267.0 | 272.4 | 277.8 | 285.3 | 292.7 | 293.8 | 295.3 | 285.5 | 275.8 | 265.5 |
| 80° | 189.3 | 195.5 | 197.6 | 199.4 | 205.5 | 211.4 | 211.4 | 211.4 | 204.2 | 196.8 | 191.6 |
| 82.5° | 119.6 | 118.3 | 115.8 | 113.2 | 119.4 | 125.5 | 127.6 | 129.9 | 126.6 | 123.5 | 117.8 |
| 85° | 53.5 | 49.4 | 48.6 | 47.6 | 47.3 | 46.8 | 48.6 | 50.2 | 49.4 | 48.9 | 46.8 |
| 87.5° | 25.2 | 26.2 | 25.5 | 24.4 | 23.4 | 22.6 | 20.6 | 18.5 | 17.0 | 15.4 | 14.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1365012
CATALOG NUMBER: GSS-SB2B-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 |
| 2.5° | 1537.0 | 1535.7 | 1537.0 | 1538.8 | 1540.8 | 1543.4 | 1546.0 | 1551.4 | 1556.8 | 1565.0 | 1573.0 |
| 5° | 1438.0 | 1435.4 | 1438.0 | 1440.8 | 1443.6 | 1448.0 | 1452.1 | 1462.1 | 1471.9 | 1484.0 | 1495.8 |
| 7.5° | 1371.1 | 1368.5 | 1371.1 | 1376.0 | 1380.8 | 1387.5 | 1394.2 | 1405.5 | 1416.9 | 1434.3 | 1452.1 |
| 10° | 1333.8 | 1329.9 | 1333.8 | 1338.9 | 1344.1 | 1353.3 | 1362.8 | 1379.3 | 1396.3 | 1415.8 | 1435.4 |
| 12.5° | 1326.8 | 1322.2 | 1326.8 | 1334.5 | 1342.3 | 1353.6 | 1365.4 | 1386.2 | 1407.1 | 1433.3 | 1459.8 |
| 15° | 1352.5 | 1345.3 | 1352.5 | 1362.1 | 1371.6 | 1388.6 | 1405.0 | 1435.1 | 1465.0 | 1501.7 | 1538.3 |
| 17.5° | 1390.4 | 1386.5 | 1390.4 | 1399.1 | 1407.6 | 1431.8 | 1456.0 | 1500.2 | 1544.7 | 1596.2 | 1647.6 |
| 20° | 1404.0 | 1399.4 | 1404.0 | 1416.9 | 1429.7 | 1461.6 | 1494.0 | 1552.4 | 1610.8 | 1678.2 | 1745.3 |
| 22.5° | 1401.9 | 1396.8 | 1401.9 | 1414.3 | 1426.4 | 1464.7 | 1502.8 | 1574.8 | 1646.8 | 1712.9 | 1778.8 |
| 25° | 1374.9 | 1371.1 | 1374.9 | 1387.5 | 1399.9 | 1440.3 | 1480.4 | 1550.1 | 1620.1 | 1674.4 | 1728.6 |
| 27.5° | 1327.9 | 1319.6 | 1327.9 | 1341.2 | 1354.3 | 1390.1 | 1425.6 | 1482.2 | 1538.8 | 1572.0 | 1605.2 |
| 30° | 1266.9 | 1263.0 | 1266.9 | 1275.4 | 1283.6 | 1309.8 | 1336.3 | 1376.7 | 1417.4 | 1439.2 | 1461.1 |
| 32.5° | 1193.6 | 1191.0 | 1193.6 | 1199.0 | 1204.4 | 1220.8 | 1237.3 | 1264.1 | 1290.8 | 1307.8 | 1324.8 |
| 35° | 1115.1 | 1111.3 | 1115.1 | 1119.2 | 1123.6 | 1135.4 | 1147.3 | 1170.9 | 1194.9 | 1209.0 | 1223.2 |
| 37.5° | 1037.2 | 1031.5 | 1037.2 | 1044.9 | 1052.6 | 1067.0 | 1080.9 | 1101.2 | 1121.5 | 1131.8 | 1142.1 |
| 40° | 962.6 | 956.9 | 962.6 | 973.4 | 983.9 | 1003.7 | 1023.8 | 1043.1 | 1062.4 | 1064.4 | 1066.2 |
| 42.5° | 890.0 | 879.7 | 890.0 | 906.0 | 922.2 | 945.3 | 968.5 | 984.7 | 1000.6 | 996.8 | 992.9 |
| 45° | 828.3 | 815.4 | 828.3 | 847.6 | 866.9 | 892.9 | 918.8 | 933.5 | 947.9 | 938.9 | 929.9 |
| 47.5° | 804.6 | 792.3 | 804.6 | 821.6 | 838.6 | 861.2 | 883.6 | 893.1 | 902.9 | 893.1 | 883.6 |
| 50° | 798.7 | 787.1 | 798.7 | 814.9 | 830.9 | 848.6 | 866.4 | 868.2 | 870.0 | 852.5 | 834.7 |
| 52.5° | 797.4 | 787.1 | 797.4 | 811.3 | 825.2 | 838.1 | 850.9 | 847.9 | 845.0 | 826.2 | 807.7 |
| 55° | 787.7 | 779.4 | 787.7 | 797.9 | 808.2 | 817.8 | 827.0 | 823.2 | 819.3 | 802.1 | 784.6 |
| 57.5° | 765.3 | 761.4 | 765.3 | 773.0 | 780.7 | 790.7 | 800.5 | 797.4 | 794.3 | 774.0 | 753.7 |
| 60° | 734.4 | 728.0 | 734.4 | 741.9 | 749.1 | 756.8 | 764.5 | 760.4 | 756.3 | 735.7 | 715.1 |
| 62.5° | 683.0 | 674.0 | 683.0 | 690.9 | 699.2 | 702.5 | 706.1 | 699.9 | 694.0 | 674.2 | 654.7 |
| 65° | *622.5* | *612.2* | *622.5* | *628.2* | *634.1* | *635.6* | *637.4* | *631.5* | *625.6* | *608.6* | *591.6* |
| 67.5° | 547.4 | 545.3 | 547.4 | 553.3 | 559.5 | 563.1 | 566.4 | 559.7 | 553.1 | 541.5 | 529.9 |
| 70° | 463.5 | 447.6 | 463.5 | 477.4 | 491.3 | 496.5 | 501.6 | 498.0 | 494.4 | 485.1 | 475.9 |
| 72.5° | 392.3 | 375.6 | 392.3 | 408.7 | 425.0 | 433.2 | 441.2 | 438.8 | 436.8 | 428.0 | 419.3 |
| 75° | 320.3 | 308.7 | 320.3 | 337.2 | 354.5 | 365.5 | 376.9 | 373.0 | 369.1 | 360.1 | 351.1 |
| 77.5° | 255.2 | 249.5 | 255.2 | 265.5 | 275.8 | 285.5 | 295.3 | 293.8 | 292.7 | 285.3 | 277.8 |
| 80° | 186.5 | 182.6 | 186.5 | 191.6 | 196.8 | 204.2 | 211.4 | 211.4 | 211.4 | 205.5 | 199.4 |
| 82.5° | 111.9 | 108.0 | 111.9 | 117.8 | 123.5 | 126.6 | 129.9 | 127.6 | 125.5 | 119.4 | 113.2 |
| 85° | 45.0 | 43.7 | 45.0 | 46.8 | 48.9 | 49.4 | 50.2 | 48.6 | 46.8 | 47.3 | 47.6 |
| 87.5° | 13.4 | 12.9 | 13.4 | 14.4 | 15.4 | 17.0 | 18.5 | 20.6 | 22.6 | 23.4 | 24.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1365012
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**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 |
| 2.5° | 1584.3 | 1595.4 | 1604.9 | 1614.2 | 1624.7 | 1635.5 | 1649.1 | 1663.0 | 1675.9 | 1690.6 | 1705.2 |
| 5° | 1511.0 | 1525.9 | 1542.9 | 1559.4 | 1579.4 | 1599.5 | 1623.7 | 1648.4 | 1673.3 | 1702.4 | 1730.2 |
| 7.5° | 1470.9 | 1489.4 | 1511.5 | 1533.6 | 1559.9 | 1585.9 | 1615.7 | 1645.8 | 1675.9 | 1714.5 | 1751.5 |
| 10° | 1459.8 | 1484.3 | 1507.7 | 1531.1 | 1557.8 | 1584.6 | 1616.0 | 1647.6 | 1679.8 | 1720.9 | 1763.4 |
| 12.5° | 1489.1 | 1518.2 | 1539.8 | 1561.4 | 1579.9 | 1598.7 | 1624.7 | 1650.9 | 1682.3 | 1727.3 | 1773.9 |
| 15° | 1565.3 | 1592.3 | 1599.8 | 1607.2 | 1608.8 | 1610.3 | 1627.3 | 1644.3 | 1672.0 | 1722.2 | 1774.9 |
| 17.5° | 1666.6 | 1685.4 | 1670.7 | 1656.1 | 1630.6 | 1605.2 | 1607.5 | 1609.8 | 1633.4 | 1692.1 | 1753.3 |
| 20° | 1747.1 | 1749.2 | 1709.6 | 1670.0 | 1620.3 | 1570.4 | 1556.0 | 1541.4 | 1556.3 | 1634.0 | 1714.7 |
| 22.5° | 1764.4 | 1749.7 | 1692.6 | 1635.5 | 1570.4 | 1505.3 | 1484.0 | 1462.4 | 1476.5 | 1569.1 | 1670.5 |
| 25° | 1701.4 | 1674.1 | 1612.6 | 1551.1 | 1490.9 | 1430.7 | 1407.3 | 1383.9 | 1385.2 | 1491.5 | 1617.8 |
| 27.5° | 1574.5 | 1543.9 | 1494.5 | 1445.2 | 1400.4 | 1355.6 | 1333.0 | 1310.6 | 1304.2 | 1412.7 | 1563.7 |
| 30° | 1436.7 | 1412.2 | 1378.8 | 1345.3 | 1312.9 | 1280.5 | 1263.0 | 1245.5 | 1238.6 | 1344.1 | 1516.7 |
| 32.5° | 1311.4 | 1297.8 | 1273.1 | 1248.1 | 1227.0 | 1205.9 | 1198.5 | 1191.0 | 1191.0 | 1288.2 | 1475.5 |
| 35° | 1212.9 | 1202.6 | 1182.3 | 1162.2 | 1148.3 | 1134.4 | 1140.6 | 1146.8 | 1162.7 | 1237.8 | 1428.7 |
| 37.5° | 1127.2 | 1112.5 | 1095.6 | 1078.3 | 1072.2 | 1065.5 | 1082.4 | 1098.9 | 1129.3 | 1188.4 | 1376.7 |
| 40° | 1048.0 | 1029.5 | 1013.3 | 996.8 | 997.6 | 998.1 | 1022.8 | 1047.5 | 1085.5 | 1132.4 | 1314.7 |
| 42.5° | 973.4 | 953.8 | 937.6 | 921.4 | 924.8 | 928.1 | 959.5 | 990.9 | 1037.9 | 1070.6 | 1240.9 |
| 45° | 908.3 | 887.0 | 872.5 | 858.7 | 863.8 | 868.9 | 900.8 | 933.3 | 980.1 | 1009.7 | 1165.8 |
| 47.5° | 859.7 | 836.0 | 821.1 | 806.4 | 809.8 | 812.9 | 840.6 | 868.2 | 911.9 | 946.1 | 1091.2 |
| 50° | 816.0 | 797.4 | 781.5 | 765.3 | 761.4 | 757.6 | 780.5 | 803.1 | 846.3 | 893.1 | 1024.8 |
| 52.5° | 788.4 | 769.1 | 754.2 | 739.6 | 727.7 | 715.6 | 732.9 | 749.8 | 796.1 | 856.1 | 965.2 |
| 55° | 766.6 | 748.6 | 730.8 | 713.1 | 696.1 | 679.1 | 698.1 | 717.2 | 771.7 | 831.4 | 915.2 |
| 57.5° | 735.7 | 717.7 | 698.4 | 679.1 | 662.1 | 645.1 | 671.6 | 698.4 | 765.3 | 815.4 | 873.1 |
| 60° | 696.6 | 677.8 | 658.3 | 638.5 | 627.4 | 616.1 | 649.5 | 683.0 | 749.8 | 789.2 | 829.6 |
| 62.5° | 639.2 | 623.8 | 601.7 | 579.3 | 578.3 | 576.7 | 620.5 | 664.2 | 728.0 | 744.7 | 767.1 |
| 65° | *579.3* | *567.2* | *545.9* | *524.8* | *529.9* | *535.1* | *581.9* | *628.9* | *681.7* | *686.3* | *690.9* |
| 67.5° | 519.9 | 509.8 | 490.3 | 470.7 | 481.3 | 491.8 | 533.5 | 574.9 | 610.9 | 604.0 | 590.4 |
| 70° | 467.1 | 458.4 | 442.4 | 426.5 | 433.2 | 439.9 | 464.6 | 489.3 | 506.8 | 508.8 | 488.5 |
| 72.5° | 411.8 | 404.4 | 392.3 | 380.2 | 384.8 | 389.7 | 395.1 | 400.8 | 389.7 | 410.3 | 394.9 |
| 75° | 345.2 | 339.6 | 330.3 | 321.0 | 324.4 | 328.0 | 330.8 | 333.9 | 326.7 | 318.5 | 299.9 |
| 77.5° | 272.4 | 267.0 | 258.5 | 250.0 | 254.1 | 257.8 | 264.7 | 271.4 | 270.1 | 246.4 | 226.4 |
| 80° | 197.6 | 195.5 | 189.3 | 183.2 | 186.2 | 189.1 | 197.6 | 205.8 | 207.1 | 173.6 | 152.8 |
| 82.5° | 115.8 | 118.3 | 119.6 | 120.9 | 123.0 | 124.8 | 124.8 | 124.8 | 119.6 | 100.8 | 90.5 |
| 85° | 48.6 | 49.4 | 53.5 | 57.1 | 60.2 | 63.0 | 62.8 | 62.3 | 59.2 | 48.9 | 42.2 |
| 87.5° | 25.5 | 26.2 | 25.2 | 23.7 | 22.6 | 21.1 | 19.5 | 18.0 | 15.4 | 14.1 | 12.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1365012
CATALOG NUMBER: GSS-SB2B-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 | 1677.2 |
| 2.5° | 1719.6 | 1734.8 | 1749.7 | 1764.6 | 1779.6 | 1795.8 | 1812.2 |
| 5° | 1758.2 | 1787.8 | 1817.4 | 1847.5 | 1877.8 | 1906.6 | 1935.7 |
| 7.5° | 1788.3 | 1829.5 | 1870.6 | 1916.7 | 1962.7 | 2011.6 | 2060.5 |
| 10° | 1805.8 | 1856.7 | 1907.4 | 1964.8 | 2021.9 | 2080.5 | 2138.9 |
| 12.5° | 1820.7 | 1877.6 | 1934.4 | 1998.5 | 2062.5 | 2120.7 | 2178.8 |
| 15° | 1827.7 | 1889.1 | 1950.4 | 2015.4 | 2080.5 | 2139.2 | 2198.1 |
| 17.5° | 1814.8 | 1884.5 | 1954.5 | 2023.9 | 2093.4 | 2148.2 | 2203.2 |
| 20° | 1795.5 | 1877.6 | 1959.6 | 2034.2 | 2108.8 | 2164.4 | 2219.9 |
| 22.5° | 1771.8 | 1872.2 | 1972.5 | 2054.3 | 2136.3 | 2187.0 | 2238.0 |
| 25° | 1744.1 | 1871.7 | 1999.2 | 2088.8 | 2178.3 | 2222.3 | 2266.3 |
| 27.5° | 1714.5 | 1876.5 | 2038.6 | 2139.2 | 2240.0 | 2273.7 | 2307.4 |
| 30° | 1689.5 | 1887.1 | 2084.9 | 2198.9 | 2312.6 | 2338.8 | 2365.3 |
| 32.5° | 1663.0 | 1898.9 | 2135.1 | 2269.1 | 2403.1 | 2419.6 | 2436.0 |
| 35° | 1619.3 | 1896.1 | 2173.1 | 2343.7 | 2514.5 | 2535.1 | 2555.6 |
| 37.5° | 1565.3 | 1888.1 | 2210.9 | 2434.7 | 2658.5 | 2683.0 | 2707.4 |
| 40° | 1497.1 | 1870.1 | 2243.1 | 2538.9 | 2834.7 | 2883.1 | 2931.2 |
| 42.5° | 1410.9 | 1839.0 | 2266.8 | 2654.2 | 3041.0 | 3143.2 | 3245.0 |
| 45° | 1322.2 | 1817.6 | 2313.1 | 2810.6 | 3308.1 | 3471.4 | 3634.7 |
| 47.5° | 1236.8 | 1792.7 | 2348.6 | 2971.3 | 3594.1 | 3800.9 | 4007.7 |
| 50° | 1156.3 | 1750.2 | 2343.9 | 3111.5 | 3879.1 | 4159.5 | 4439.9 |
| 52.5° | 1074.7 | 1663.3 | 2252.1 | 3177.9 | 4103.4 | 4549.0 | 4994.2 |
| 55° | 998.6 | 1548.0 | 2097.0 | 3160.4 | 4223.8 | 4940.2 | 5656.6 |
| 57.5° | 930.7 | 1427.4 | 1924.1 | 3065.0 | 4205.8 | 5268.7 | 6331.9 |
| 60° | 870.0 | 1274.9 | 1679.8 | 2836.3 | 3992.8 | 5415.9 | 6838.6 |
| 62.5° | 789.7 | 1081.4 | 1373.1 | 2461.5 | 3549.9 | 5089.4 | 6629.0 |
| 65° | *695.8* | *849.9* | *1003.7* | *1930.8* | *2857.9* | *4389.7* | *5921.6* |
| 67.5° | 576.7 | 649.8 | 722.8 | 1502.5 | 2282.2 | 3770.1 | 5257.9 |
| 70° | 468.2 | 493.9 | 519.6 | 1151.4 | 1783.2 | 3202.8 | 4622.5 |
| 72.5° | 379.4 | 379.7 | 380.2 | 865.6 | 1351.0 | 2659.6 | 3967.9 |
| 75° | 281.7 | 283.2 | 285.0 | 641.5 | 998.1 | 2123.5 | 3248.9 |
| 77.5° | 206.3 | 205.3 | 203.7 | 414.7 | 625.6 | 1393.2 | 2160.8 |
| 80° | 131.7 | 130.7 | 129.1 | 229.2 | 329.3 | 798.7 | 1268.2 |
| 82.5° | 80.3 | 80.0 | 79.7 | 123.2 | 166.7 | 400.3 | 634.1 |
| 85° | 35.5 | 33.7 | 32.2 | 39.1 | 46.3 | 95.2 | 144.1 |
| 87.5° | 11.6 | 10.8 | 10.3 | 10.5 | 10.8 | 11.3 | 11.6 |
| 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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

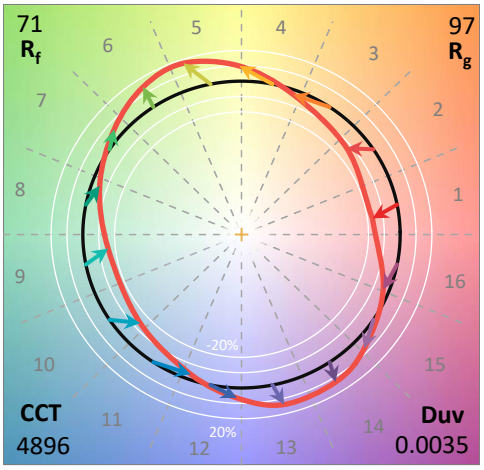
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-6 |
| 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-750-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 4896 |
| CIE u': | 0.2101 |
| CIE v': | 0.4901 |
| Duv: | 0.0035 |
| CIE x: | 0.3489 |
| CIE y: | 0.3618 |
| CIE z: | 0.2893 |
| Peak Wavelength (nm): | 443 |
| Dominant Wavelength (nm): | 570 |
| Purity: | 13.25435 |
| Rf: | 70.7 |
| Rg: | 96.8 |

| | |
|---|---|
| CRI (Ra): | 70.2 |
| R1: | 68.1 |
| R2: | 73.9 |
| R3: | 79.4 |
| R4: | 72.1 |
| R5: | 69.2 |
| R6: | 65.7 |
| R7: | 78.1 |
| R8: | 55.3 |
| R9: | -35.1 |
| R10: | 39.3 |
| R11: | 71.1 |
| R12: | 43.8 |
| R13: | 68.1 |
| R14: | 88.4 |
| R15: | 59.7 |



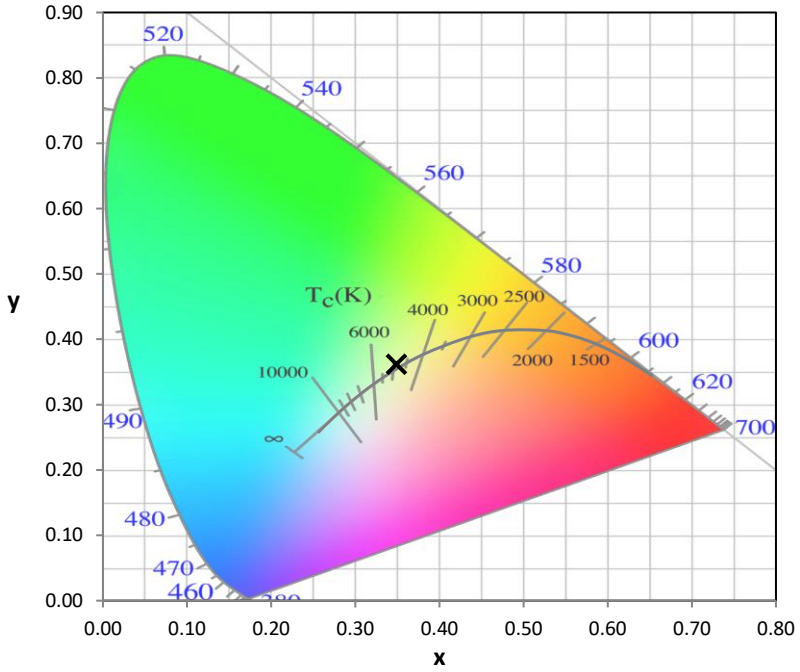

## Test Conditions

| | |
|---|---|
| Stabilization Time: | 21M |
| Operation Time: | 1H 21M |
| Sphere Temperature (°C): | 25.2 |

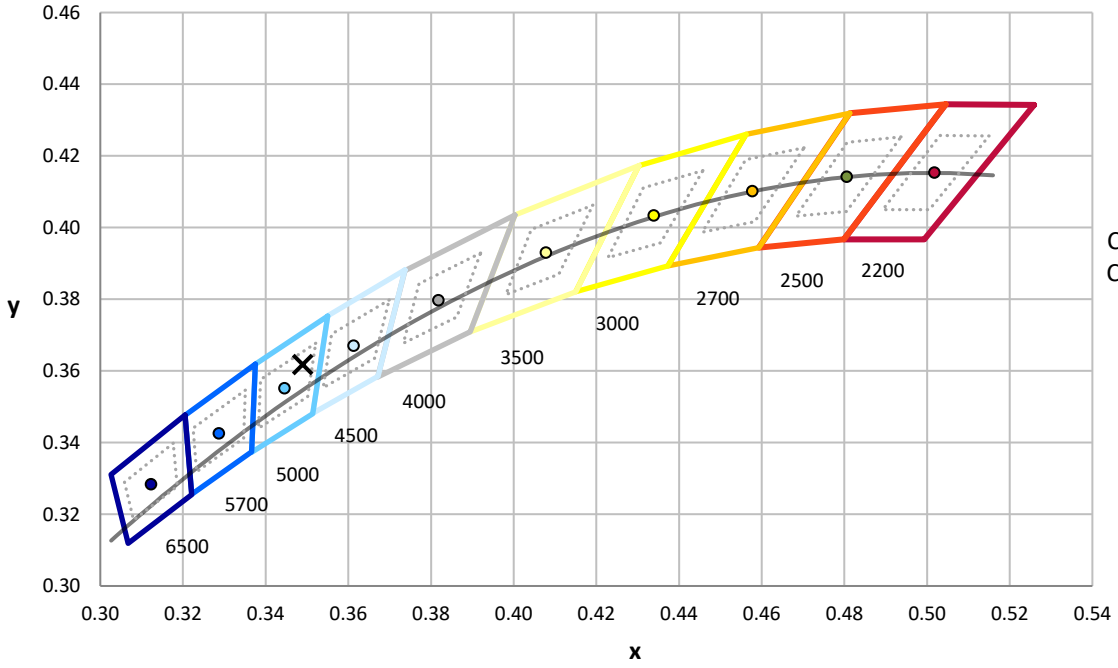
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC 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: SP1-2407-184-6

## CIE 1931 Chromaticity Diagram




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

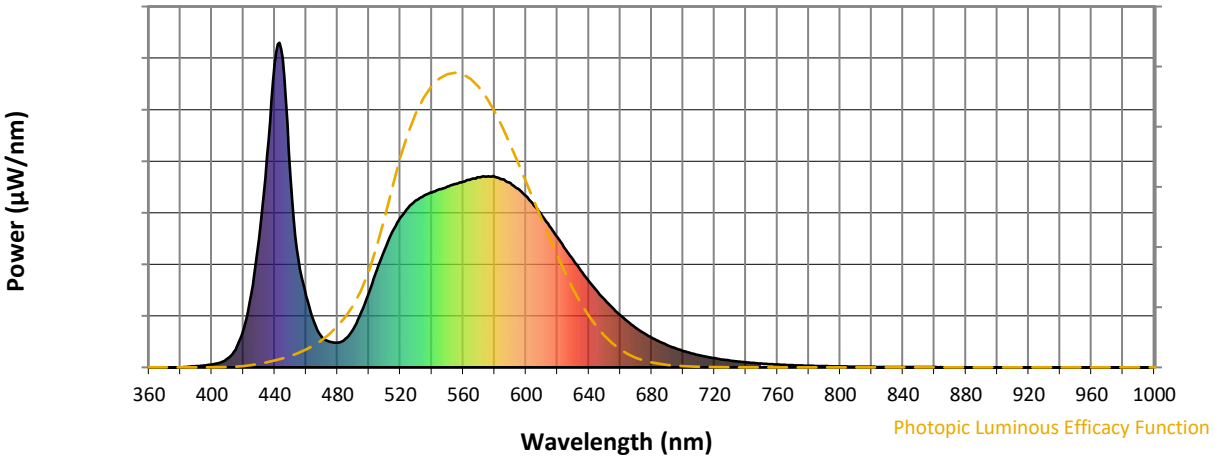



CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

## Photopic Flux vs. Wavelength

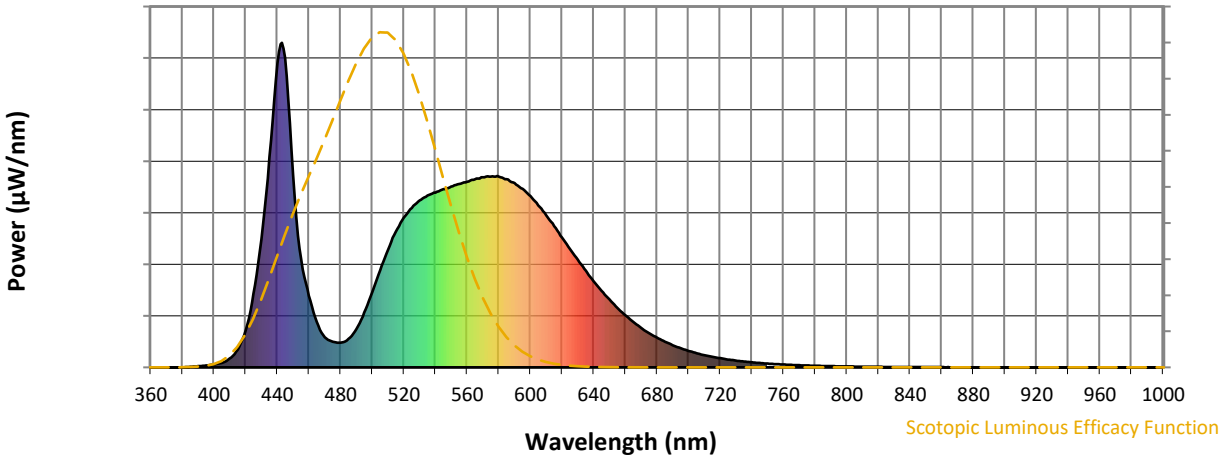



## Photopic Lumens: NR

| 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 | 118 | NR | 620 | 401 | NR | 750 | 12 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 168 | NR | 625 | 365 | NR | 755 | 10 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 230 | NR | 630 | 331 | NR | 760 | 9 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 299 | NR | 635 | 298 | NR | 765 | 8 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 362 | NR | 640 | 266 | NR | 770 | 6 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 418 | NR | 645 | 236 | NR | 775 | 6 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 461 | NR | 650 | 209 | NR | 780 | 5 | NR | 910 | 0 | NR |
| 395 | 6 | NR | 525 | 491 | NR | 655 | 184 | NR | 785 | 4 | NR | 915 | 0 | NR |
| 400 | 9 | NR | 530 | 514 | NR | 660 | 160 | NR | 790 | 4 | NR | 920 | 0 | NR |
| 405 | 14 | NR | 535 | 530 | NR | 665 | 140 | NR | 795 | 3 | NR | 925 | 0 | NR |
| 410 | 27 | NR | 540 | 539 | NR | 670 | 122 | NR | 800 | 3 | NR | 930 | 0 | NR |
| 415 | 55 | NR | 545 | 549 | NR | 675 | 106 | NR | 805 | 2 | NR | 935 | 0 | NR |
| 420 | 115 | NR | 550 | 557 | NR | 680 | 92 | NR | 810 | 2 | NR | 940 | 0 | NR |
| 425 | 226 | NR | 555 | 565 | NR | 685 | 79 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 395 | NR | 560 | 572 | NR | 690 | 68 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 648 | NR | 565 | 580 | NR | 695 | 59 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 937 | NR | 570 | 586 | NR | 700 | 51 | NR | 830 | 1 | NR | 960 | 0 | NR |
| 445 | 953 | NR | 575 | 588 | NR | 705 | 44 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 591 | NR | 580 | 588 | NR | 710 | 38 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 334 | NR | 585 | 580 | NR | 715 | 32 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 221 | NR | 590 | 568 | NR | 720 | 28 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 140 | NR | 595 | 550 | NR | 725 | 24 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 93 | NR | 600 | 527 | NR | 730 | 21 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 79 | NR | 605 | 499 | NR | 735 | 18 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 469 | NR | 740 | 15 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 87 | NR | 615 | 435 | NR | 745 | 13 | NR | 875 | 0 | NR | | | |

REPORT NUMBER: SP1-2407-184-6

## Scotopic Flux vs. Wavelength

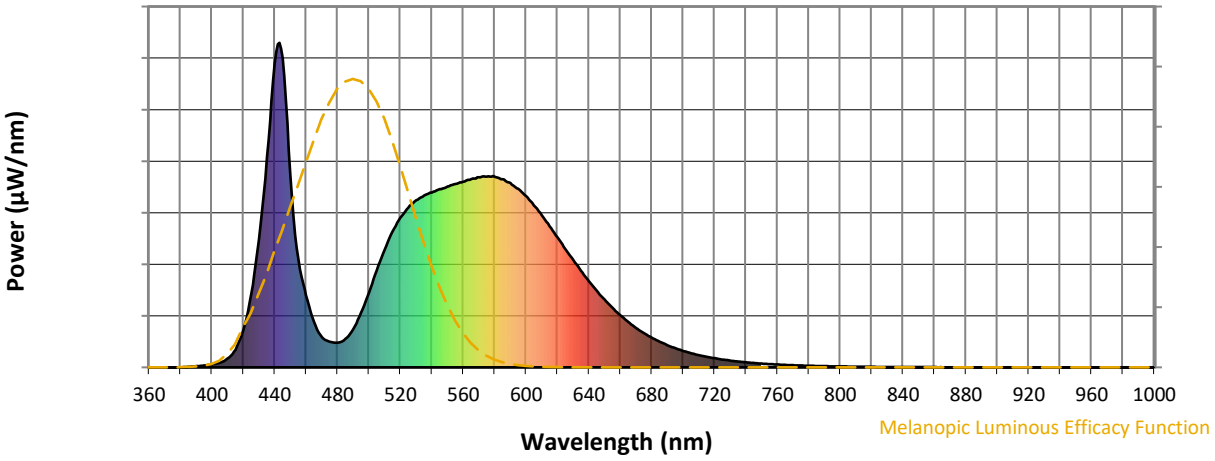



**Scotopic Lumens: NR** **S/P: 1.7**

| 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 | 118 | NR | 620 | 401 | NR | 750 | 12 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 168 | NR | 625 | 365 | NR | 755 | 10 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 230 | NR | 630 | 331 | NR | 760 | 9 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 299 | NR | 635 | 298 | NR | 765 | 8 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 362 | NR | 640 | 266 | NR | 770 | 6 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 418 | NR | 645 | 236 | NR | 775 | 6 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 461 | NR | 650 | 209 | NR | 780 | 5 | NR | 910 | 0 | NR |
| 395 | 6 | NR | 525 | 491 | NR | 655 | 184 | NR | 785 | 4 | NR | 915 | 0 | NR |
| 400 | 9 | NR | 530 | 514 | NR | 660 | 160 | NR | 790 | 4 | NR | 920 | 0 | NR |
| 405 | 14 | NR | 535 | 530 | NR | 665 | 140 | NR | 795 | 3 | NR | 925 | 0 | NR |
| 410 | 27 | NR | 540 | 539 | NR | 670 | 122 | NR | 800 | 3 | NR | 930 | 0 | NR |
| 415 | 55 | NR | 545 | 549 | NR | 675 | 106 | NR | 805 | 2 | NR | 935 | 0 | NR |
| 420 | 115 | NR | 550 | 557 | NR | 680 | 92 | NR | 810 | 2 | NR | 940 | 0 | NR |
| 425 | 226 | NR | 555 | 565 | NR | 685 | 79 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 395 | NR | 560 | 572 | NR | 690 | 68 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 648 | NR | 565 | 580 | NR | 695 | 59 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 937 | NR | 570 | 586 | NR | 700 | 51 | NR | 830 | 1 | NR | 960 | 0 | NR |
| 445 | 953 | NR | 575 | 588 | NR | 705 | 44 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 591 | NR | 580 | 588 | NR | 710 | 38 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 334 | NR | 585 | 580 | NR | 715 | 32 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 221 | NR | 590 | 568 | NR | 720 | 28 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 140 | NR | 595 | 550 | NR | 725 | 24 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 93 | NR | 600 | 527 | NR | 730 | 21 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 79 | NR | 605 | 499 | NR | 735 | 18 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 469 | NR | 740 | 15 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 87 | NR | 615 | 435 | NR | 745 | 13 | NR | 875 | 0 | NR | | | |

REPORT NUMBER: SP1-2407-184-6

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 3.37**

| 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 | 118 | NR | 620 | 401 | NR | 750 | 12 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 168 | NR | 625 | 365 | NR | 755 | 10 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 230 | NR | 630 | 331 | NR | 760 | 9 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 299 | NR | 635 | 298 | NR | 765 | 8 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 362 | NR | 640 | 266 | NR | 770 | 6 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 418 | NR | 645 | 236 | NR | 775 | 6 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 461 | NR | 650 | 209 | NR | 780 | 5 | NR | 910 | 0 | NR |
| 395 | 6 | NR | 525 | 491 | NR | 655 | 184 | NR | 785 | 4 | NR | 915 | 0 | NR |
| 400 | 9 | NR | 530 | 514 | NR | 660 | 160 | NR | 790 | 4 | NR | 920 | 0 | NR |
| 405 | 14 | NR | 535 | 530 | NR | 665 | 140 | NR | 795 | 3 | NR | 925 | 0 | NR |
| 410 | 27 | NR | 540 | 539 | NR | 670 | 122 | NR | 800 | 3 | NR | 930 | 0 | NR |
| 415 | 55 | NR | 545 | 549 | NR | 675 | 106 | NR | 805 | 2 | NR | 935 | 0 | NR |
| 420 | 115 | NR | 550 | 557 | NR | 680 | 92 | NR | 810 | 2 | NR | 940 | 0 | NR |
| 425 | 226 | NR | 555 | 565 | NR | 685 | 79 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 395 | NR | 560 | 572 | NR | 690 | 68 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 648 | NR | 565 | 580 | NR | 695 | 59 | NR | 825 | 1 | NR | 955 | 0 | NR |
| 440 | 937 | NR | 570 | 586 | NR | 700 | 51 | NR | 830 | 1 | NR | 960 | 0 | NR |
| 445 | 953 | NR | 575 | 588 | NR | 705 | 44 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 591 | NR | 580 | 588 | NR | 710 | 38 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 334 | NR | 585 | 580 | NR | 715 | 32 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 221 | NR | 590 | 568 | NR | 720 | 28 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 140 | NR | 595 | 550 | NR | 725 | 24 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 93 | NR | 600 | 527 | NR | 730 | 21 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 79 | NR | 605 | 499 | NR | 735 | 18 | NR | 865 | 0 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 469 | NR | 740 | 15 | NR | 870 | 0 | NR | 1000 | 0 | NR |
| 485 | 87 | NR | 615 | 435 | NR | 745 | 13 | NR | 875 | 0 | NR | | | |

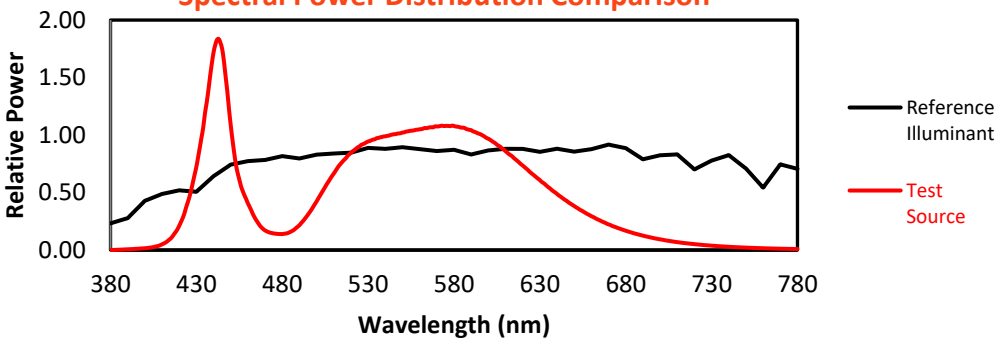
REPORT NUMBER: SP1-2407-184-6

# TM-30-18

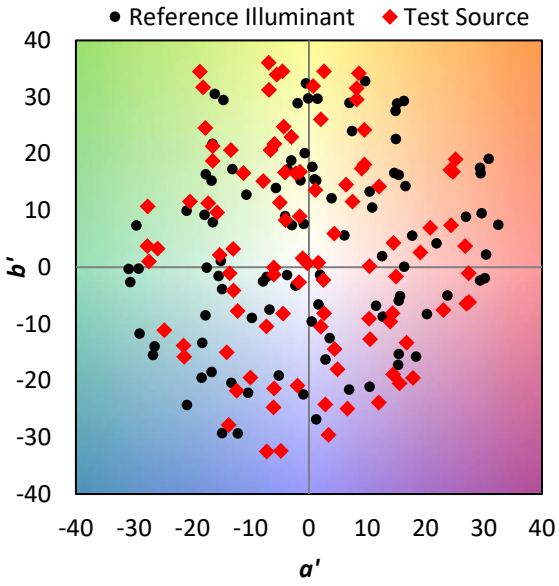
## Summary

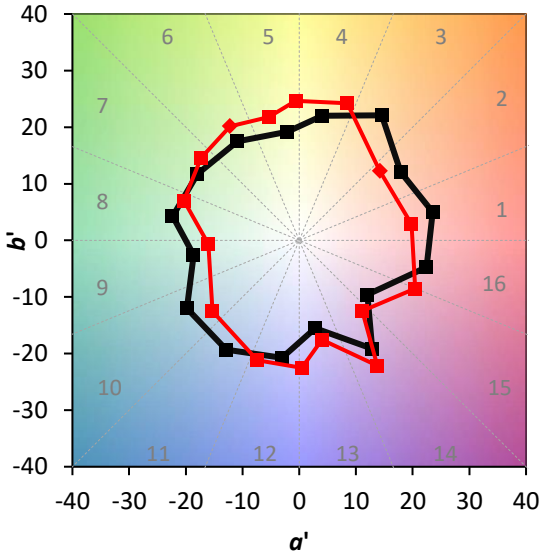
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$R_g$ = 96.8
CIE $R_a$ = 70.2
$R_9$ = -35.1

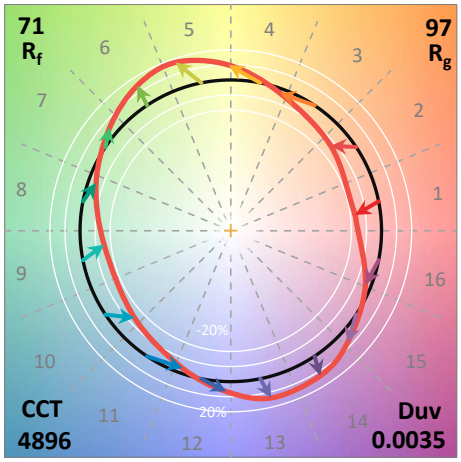
## Spectral Power Distribution Comparison

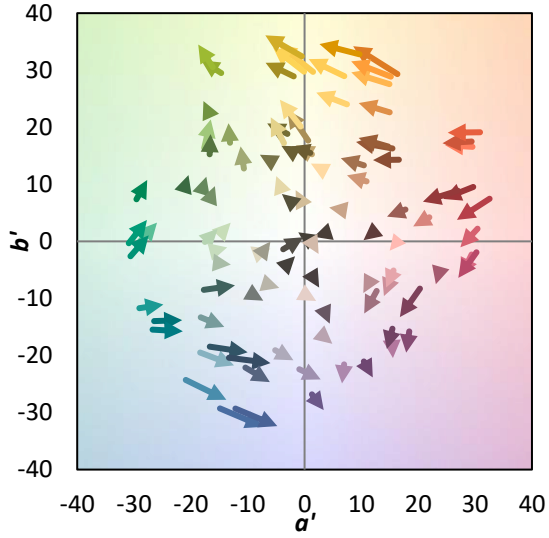



## Color Vector Graphics



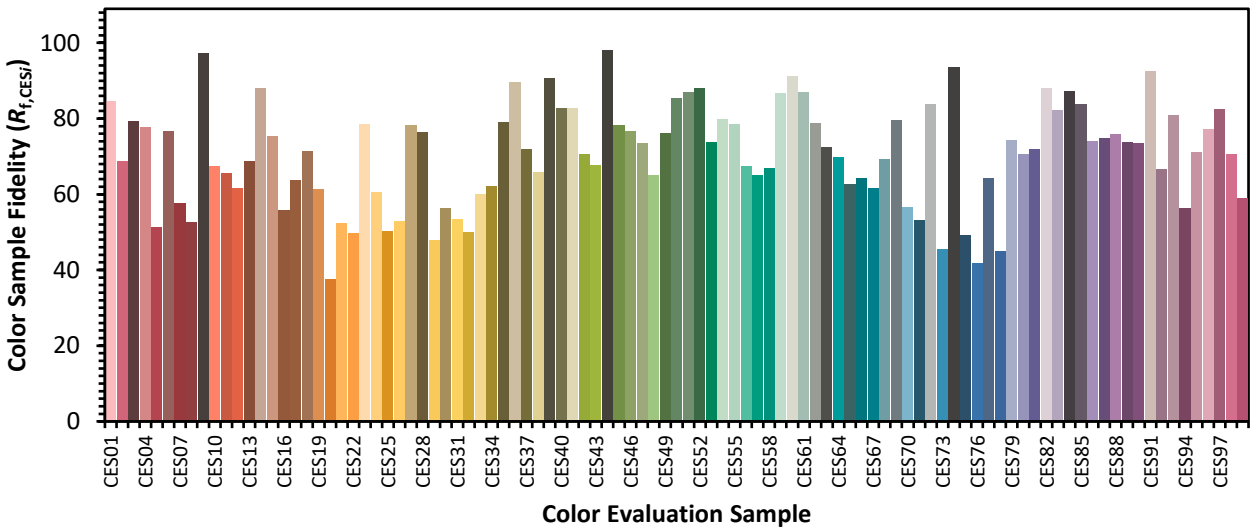



REPORT NUMBER: SP1-2407-184-6

# TM-30-18

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

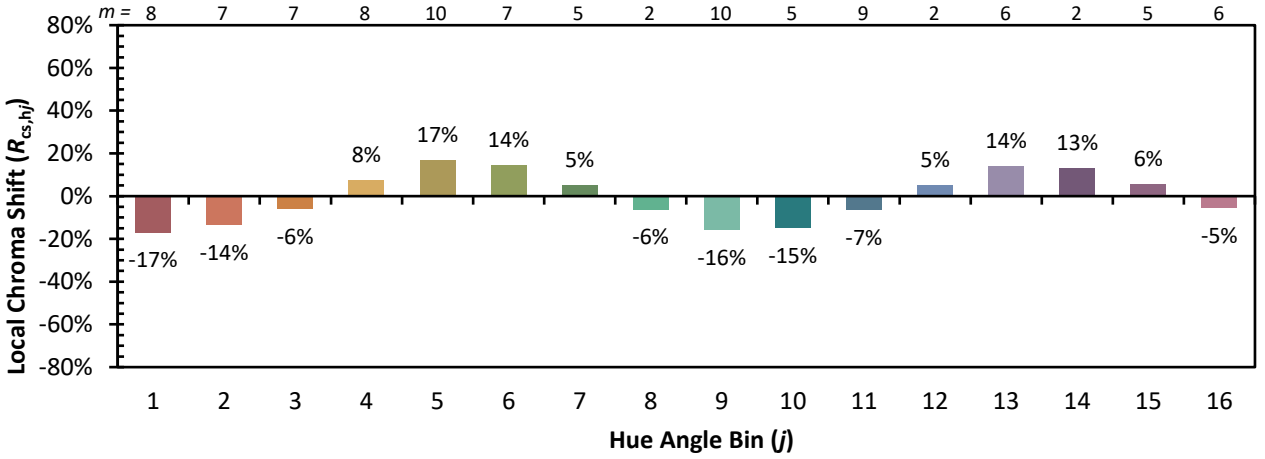
| | | | |
|---|---|---|---|
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| CES02 = 59 | CES27 = 78 | CES52 = 88 | CES77 = 64 |
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| CES06 = 50 | CES31 = 54 | CES56 = 68 | CES81 = 72 |
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| CES20 = 64 | CES45 = 78 | CES70 = 56 | CES95 = 71 |
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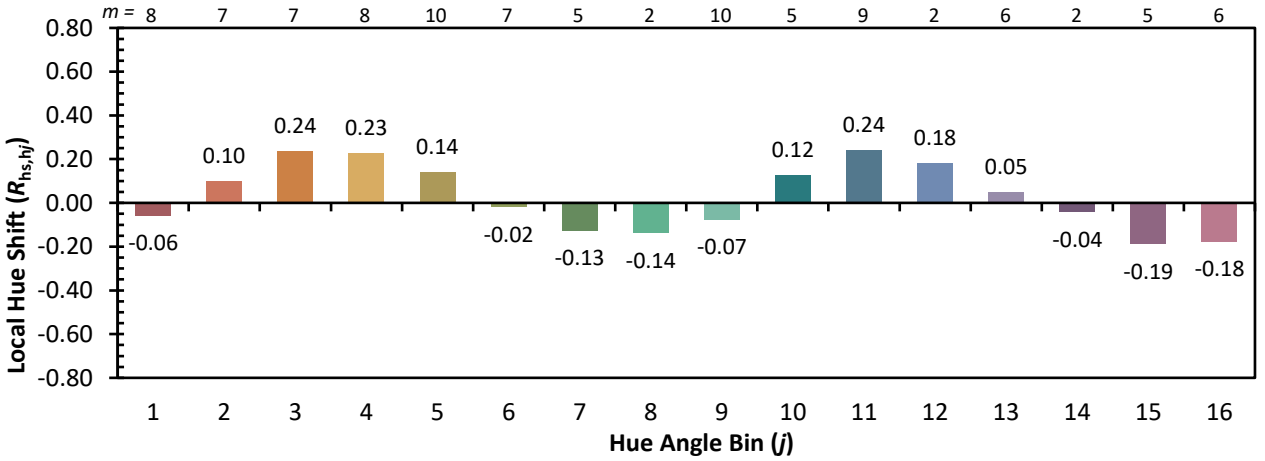


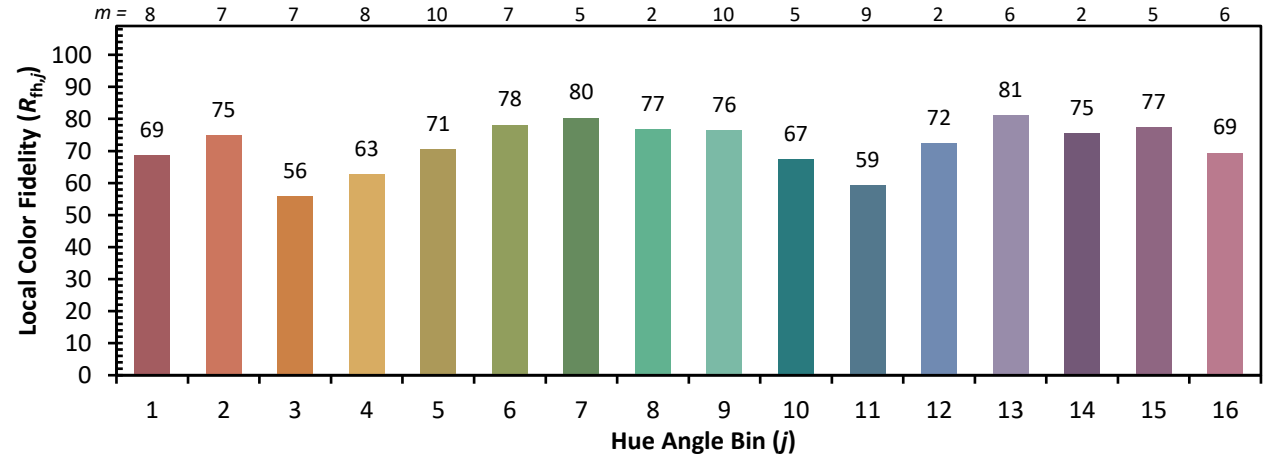
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## Color Rendition by Hue-Angle Bin



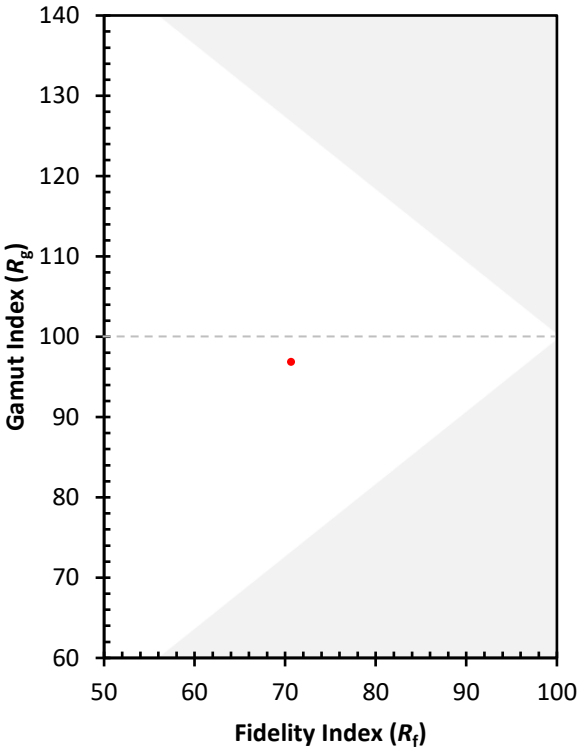



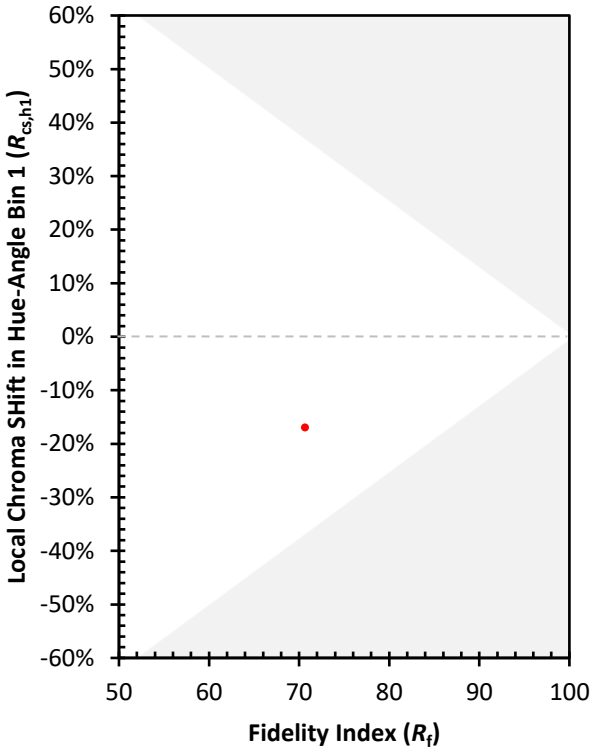



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## Measure Comparisons




(END OF REPORT)