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: P1364633

Luminaire Tested: **GSS-SB3C-750-U-SLR-HSS**

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: | P1364633 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB3C-750-U-SLR-HSS |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 70CRI 5000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC AND HOUSE SIDE SHIELD |
| Light Source: | (78) 5000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 16640.6 lumens |
| Efficiency: | N/A |
| Efficacy: | 110.9 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') |
| IES Classification: | Type III - Short |
| BUG Rating: | B2 - U0 - G3 |

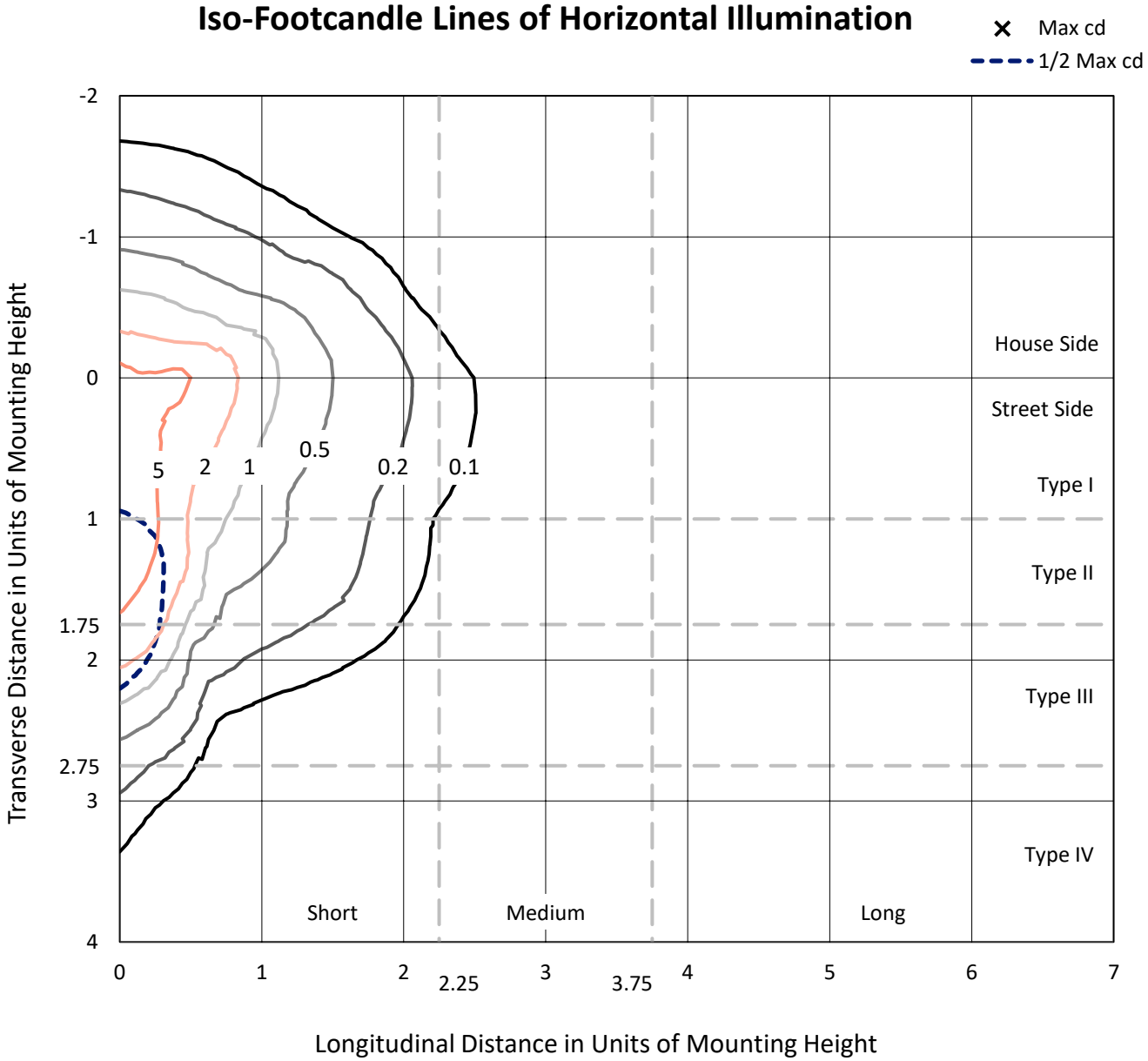
| | |
|---|---|
| Input Watts (W): | 150 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 6.3% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature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

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## Iso-Footcandle Lines of Horizontal Illumination



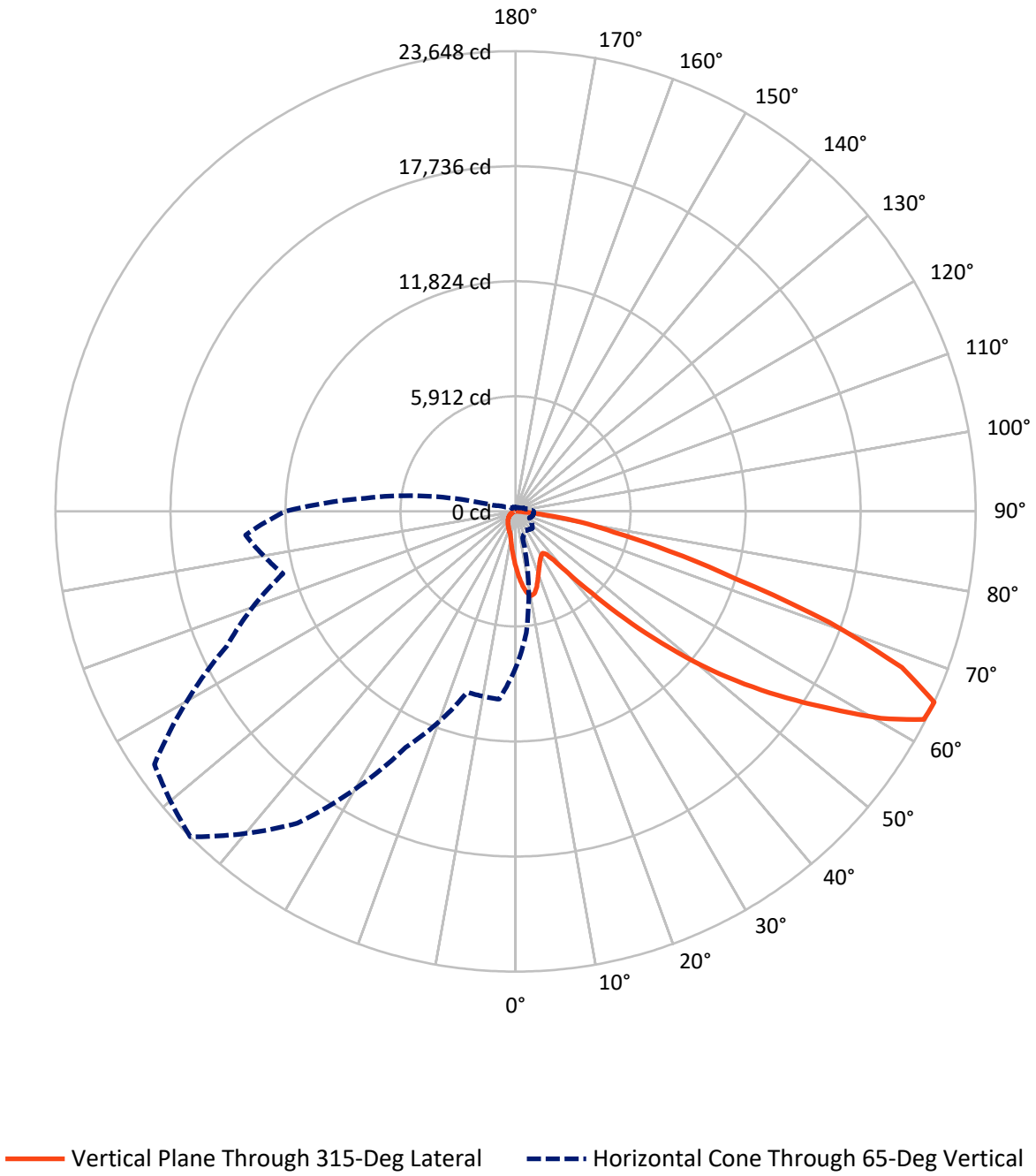

Based on 20 foot mounting height. Maximum calculated value = 9.1 fc
Type III - Short - N/A

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## Luminous Intensity Polar Plot



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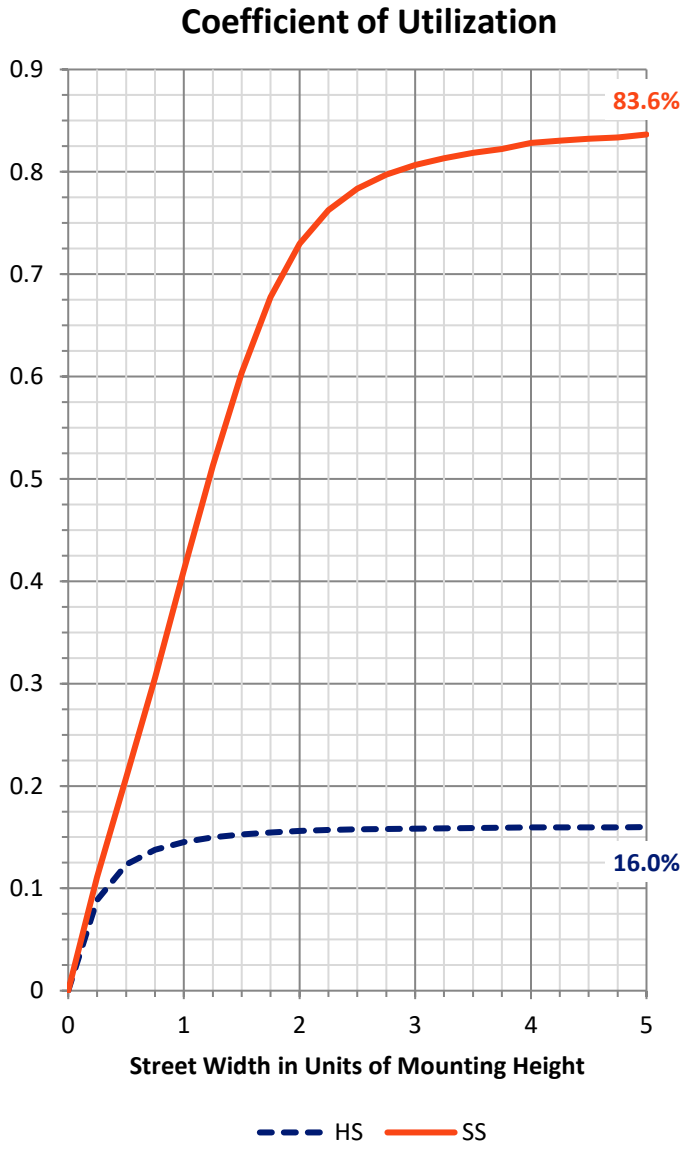
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 2690.0 | 0.0 | 2690.0 |
| | % Fixture | 16.2 | 0.0 | 16.2 |
| **Street Side** | Lumens | 13950.5 | 0.0 | 13950.5 |
| | % Fixture | 83.8 | 0.0 | 83.8 |
| **Total** | Lumens | 16640.6 | 0.0 | 16640.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 276.5 | 1.7 |
| 10°-20° | 764.6 | 4.6 |
| 20°-30° | 1095.1 | 6.6 |
| 30°-40° | 1373.6 | 8.3 |
| 40°-50° | 2256.5 | 13.6 |
| 50°-60° | 4072.0 | 24.5 |
| 60°-70° | 4519.1 | 27.2 |
| 70°-80° | 2041.7 | 12.3 |
| 80°-90° | 241.4 | 1.5 |
| 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° | 16640.6 | 100.0 |
| 0°-180° | 16640.6 | 100.0 |



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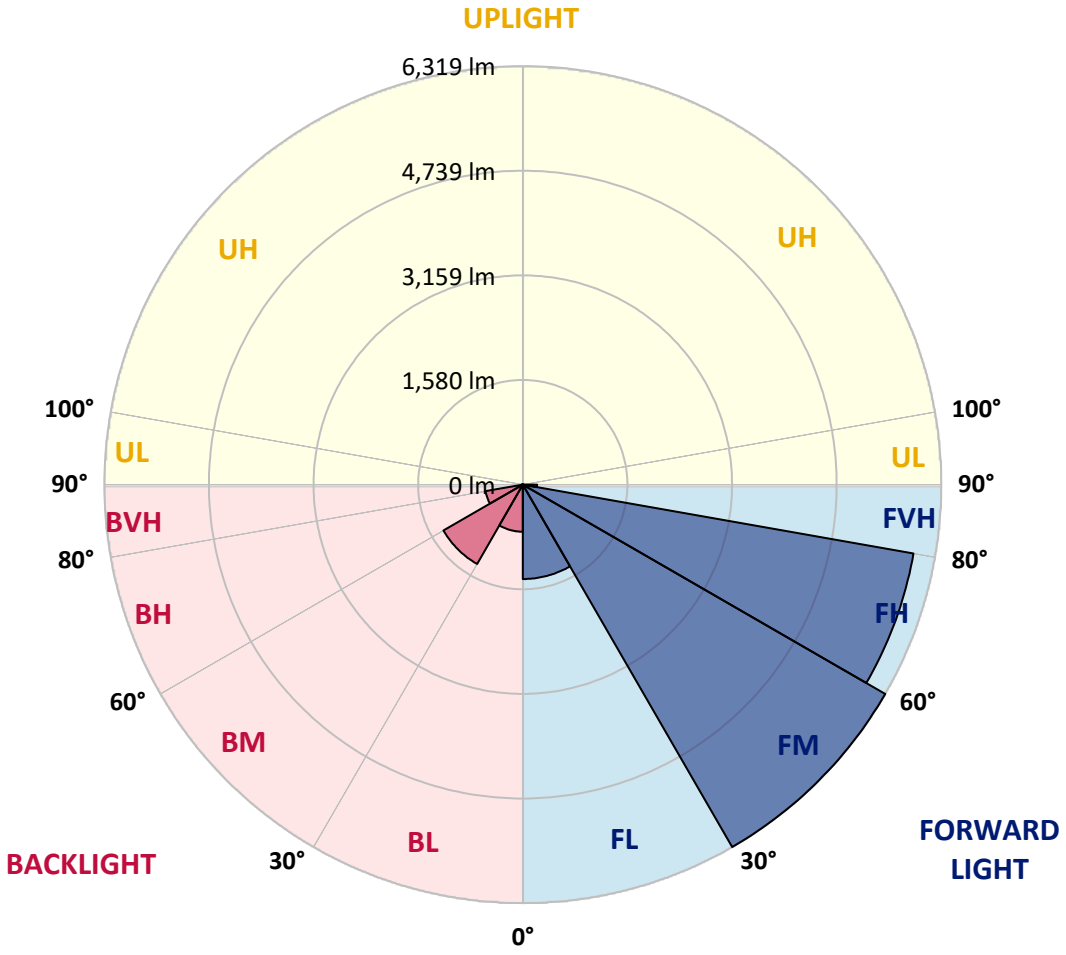
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1425.4 | 8.6 | | | |
| FM | (30°-60°) | 6318.9 | 38.0 | | | |
| FH | (60°-80°) | 5989.5 | 36.0 | | | G3/7500 |
| FVH | (80°-90°) | 216.7 | 1.3 | | | G2/225 |
| BL | (0°-30°) | 710.8 | 4.3 | B2/1000 | | |
| BM | (30°-60°) | 1383.2 | 8.3 | B2/2500 | | |
| BH | (60°-80°) | 571.3 | 3.4 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 24.7 | 0.1 | | | 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 III Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 |
| 2.5° | 3244.7 | 3241.6 | 3229.4 | 3152.7 | 3076.1 | 3009.7 | 2943.2 | 2876.8 | 2784.8 | 2713.3 | 2652.0 |
| 5° | 3551.3 | 3534.9 | 3469.5 | 3352.0 | 3224.3 | 3111.9 | 2984.1 | 2861.5 | 2723.5 | 2611.1 | 2493.6 |
| 7.5° | 3760.8 | 3744.5 | 3679.0 | 3484.9 | 3290.7 | 3152.7 | 3014.8 | 2887.0 | 2733.7 | 2585.6 | 2416.9 |
| 10° | 3857.9 | 3839.5 | 3765.9 | 3556.4 | 3331.6 | 3163.0 | 3025.0 | 2907.5 | 2779.7 | 2631.5 | 2422.0 |
| 12.5° | 3924.3 | 3901.8 | 3811.9 | 3571.7 | 3341.8 | 3173.2 | 3030.1 | 2917.7 | 2825.7 | 2738.8 | 2534.5 |
| 15° | 3965.2 | 3944.8 | 3863.0 | 3612.6 | 3346.9 | 3157.8 | 2989.2 | 2881.9 | 2851.3 | 2866.6 | 2769.5 |
| 17.5° | 4026.5 | 4007.1 | 3929.4 | 3663.7 | 3377.6 | 3132.3 | 2902.4 | 2784.8 | 2851.3 | 2989.2 | 3019.9 |
| 20° | 4108.3 | 4087.8 | 4006.1 | 3730.1 | 3403.1 | 3055.7 | 2738.8 | 2626.4 | 2795.1 | 3025.0 | 3183.4 |
| 22.5° | 4200.2 | 4183.9 | 4118.5 | 3806.8 | 3428.7 | 2943.2 | 2524.2 | 2473.1 | 2677.5 | 2922.8 | 3127.2 |
| 25° | 4312.7 | 4297.3 | 4236.0 | 3914.1 | 3454.2 | 2789.9 | 2340.3 | 2350.5 | 2524.2 | 2718.4 | 2927.9 |
| 27.5° | 4466.0 | 4451.6 | 4394.4 | 4047.0 | 3484.9 | 2631.5 | 2192.1 | 2243.2 | 2370.9 | 2503.8 | 2631.5 |
| 30° | 4634.6 | 4623.3 | 4578.4 | 4205.4 | 3546.2 | 2483.4 | 2105.2 | 2135.9 | 2222.8 | 2330.1 | 2406.7 |
| 32.5° | 4864.5 | 4846.1 | 4772.5 | 4353.5 | 3541.1 | 2370.9 | 2064.4 | 2033.7 | 2059.2 | 2146.1 | 2222.8 |
| 35° | 5150.7 | 5136.4 | 5079.1 | 4506.8 | 3449.1 | 2268.7 | 2043.9 | 1936.6 | 1921.3 | 1972.4 | 2049.0 |
| 37.5° | 5569.7 | 5557.4 | 5508.3 | 4757.2 | 3306.0 | 2141.0 | 1992.8 | 1834.4 | 1783.3 | 1819.1 | 1870.2 |
| 40° | 6198.2 | 6166.5 | 6039.8 | 5043.4 | 3147.6 | 2013.3 | 1900.8 | 1711.8 | 1640.2 | 1665.8 | 1722.0 |
| 42.5° | 7051.5 | 6991.2 | 6750.0 | 5426.6 | 2933.0 | 1890.6 | 1762.9 | 1589.1 | 1512.5 | 1527.8 | 1578.9 |
| 45° | 8145.0 | 8054.0 | 7690.2 | 5952.9 | 2708.2 | 1793.5 | 1619.8 | 1461.4 | 1379.6 | 1395.0 | 1451.2 |
| 47.5° | 9422.4 | 9297.8 | 8799.1 | 6504.8 | 2468.0 | 1737.3 | 1507.4 | 1333.7 | 1272.3 | 1308.1 | 1364.3 |
| 50° | 10929.8 | 10804.1 | 10301.3 | 6857.3 | 2273.9 | 1701.6 | 1420.5 | 1216.1 | 1190.6 | 1236.6 | 1282.6 |
| 52.5° | 12575.2 | 12396.3 | 11681.0 | 6632.5 | 2115.5 | 1670.9 | 1389.9 | 1134.4 | 1144.6 | 1180.4 | 1226.3 |
| 55° | 14174.5 | 13777.0 | 12186.8 | 5886.5 | 1911.1 | 1635.1 | 1410.3 | 1073.1 | 1098.6 | 1144.6 | 1180.4 |
| 57.5° | 15216.9 | 14526.1 | 11762.7 | 4741.9 | 1696.4 | 1594.3 | 1425.6 | 1042.4 | 1062.8 | 1113.9 | 1154.8 |
| 60° | 14307.4 | 13612.5 | 10832.7 | 3551.3 | 1512.5 | 1507.4 | 1400.1 | 1032.2 | 1001.5 | 1073.1 | 1108.8 |
| 62.5° | 11721.8 | 11149.6 | 8860.4 | 2268.7 | 1338.8 | 1343.9 | 1343.9 | 1027.1 | 899.3 | 991.3 | 1022.0 |
| 65° | *8053.0* | *7695.3* | *6264.6* | *1405.2* | *1093.5* | *1144.6* | *1221.2* | *996.4* | *792.0* | *899.3* | *930.0* |
| 67.5° | 5293.7 | 5031.1 | 3980.5 | 868.7 | 843.1 | 940.2 | 1057.7 | 935.1 | 710.3 | 807.3 | 827.8 |
| 70° | 2871.7 | 2672.4 | 1875.3 | 572.3 | 551.9 | 735.8 | 832.9 | 792.0 | 638.7 | 720.5 | 740.9 |
| 72.5° | 1895.7 | 1732.2 | 1078.2 | 403.7 | 403.7 | 577.4 | 582.5 | 648.9 | 572.3 | 638.7 | 659.2 |
| 75° | 1425.6 | 1279.5 | 694.9 | 281.0 | 311.7 | 367.9 | 454.8 | 465.0 | 480.3 | 541.6 | 567.2 |
| 77.5° | 654.1 | 574.3 | 255.5 | 168.6 | 229.9 | 255.5 | 347.5 | 296.4 | 357.7 | 403.7 | 413.9 |
| 80° | 378.1 | 331.1 | 143.1 | 112.4 | 148.2 | 163.5 | 286.1 | 173.7 | 214.6 | 286.1 | 301.5 |
| 82.5° | 158.4 | 141.0 | 71.5 | 76.6 | 92.0 | 97.1 | 158.4 | 122.6 | 138.0 | 189.1 | 184.0 |
| 85° | 46.0 | 46.0 | 46.0 | 51.1 | 56.2 | 56.2 | 92.0 | 86.9 | 81.8 | 86.9 | 86.9 |
| 87.5° | 30.7 | 30.7 | 30.7 | 30.7 | 35.8 | 35.8 | 40.9 | 46.0 | 51.1 | 51.1 | 51.1 |
| 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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**CANDELA DISTRIBUTION (continued):**

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 |
| 2.5° | 2626.4 | 2590.7 | 2544.7 | 2478.2 | 2468.0 | 2432.3 | 2406.7 | 2432.3 | 2457.8 | 2503.8 | 2508.9 |
| 5° | 2432.3 | 2376.1 | 2268.7 | 2187.0 | 2095.0 | 2049.0 | 2043.9 | 2033.7 | 2064.4 | 2130.8 | 2171.7 |
| 7.5° | 2325.0 | 2233.0 | 2038.8 | 1895.7 | 1768.0 | 1722.0 | 1686.2 | 1716.9 | 1711.8 | 1798.6 | 1834.4 |
| 10° | 2299.4 | 2156.3 | 1885.5 | 1670.9 | 1512.5 | 1451.2 | 1415.4 | 1410.3 | 1420.5 | 1471.6 | 1507.4 |
| 12.5° | 2391.4 | 2207.4 | 1824.2 | 1507.4 | 1323.4 | 1257.0 | 1216.1 | 1180.4 | 1180.4 | 1190.6 | 1236.6 |
| 15° | 2595.8 | 2376.1 | 1860.0 | 1430.7 | 1231.5 | 1144.6 | 1078.2 | 1032.2 | 996.4 | 1001.5 | 1006.6 |
| 17.5° | 2881.9 | 2621.3 | 1951.9 | 1405.2 | 1175.3 | 1083.3 | 1001.5 | 955.5 | 914.7 | 904.4 | 904.4 |
| 20° | 3106.7 | 2856.4 | 2023.5 | 1384.8 | 1129.3 | 1011.7 | 940.2 | 899.3 | 863.6 | 848.2 | 848.2 |
| 22.5° | 3132.3 | 2953.5 | 2084.8 | 1359.2 | 1073.1 | 940.2 | 873.8 | 838.0 | 812.5 | 807.3 | 807.3 |
| 25° | 2963.7 | 2876.8 | 2064.4 | 1328.5 | 1016.8 | 873.8 | 822.7 | 792.0 | 766.5 | 761.4 | 766.5 |
| 27.5° | 2682.6 | 2636.6 | 1992.8 | 1287.7 | 970.9 | 822.7 | 776.7 | 751.1 | 725.6 | 720.5 | 725.6 |
| 30° | 2432.3 | 2381.2 | 1870.2 | 1221.2 | 935.1 | 781.8 | 730.7 | 705.2 | 679.6 | 679.6 | 684.7 |
| 32.5° | 2227.9 | 2176.8 | 1747.5 | 1144.6 | 889.1 | 735.8 | 689.8 | 664.3 | 638.7 | 638.7 | 648.9 |
| 35° | 2043.9 | 2003.0 | 1650.5 | 1067.9 | 843.1 | 694.9 | 643.8 | 623.4 | 603.0 | 597.8 | 608.1 |
| 37.5° | 1885.5 | 1865.1 | 1563.6 | 986.2 | 797.1 | 654.1 | 608.1 | 587.6 | 562.1 | 557.0 | 567.2 |
| 40° | 1732.2 | 1722.0 | 1466.5 | 914.7 | 740.9 | 613.2 | 567.2 | 546.7 | 516.1 | 516.1 | 526.3 |
| 42.5° | 1589.1 | 1584.0 | 1379.6 | 868.7 | 689.8 | 572.3 | 521.2 | 500.8 | 475.2 | 475.2 | 485.4 |
| 45° | 1476.7 | 1471.6 | 1297.9 | 843.1 | 638.7 | 526.3 | 480.3 | 454.8 | 434.3 | 439.4 | 449.7 |
| 47.5° | 1374.5 | 1364.3 | 1211.0 | 848.2 | 613.2 | 495.6 | 434.3 | 408.8 | 393.5 | 403.7 | 419.0 |
| 50° | 1292.8 | 1282.6 | 1149.7 | 853.3 | 572.3 | 454.8 | 398.6 | 373.0 | 362.8 | 378.1 | 393.5 |
| 52.5° | 1241.7 | 1231.5 | 1088.4 | 822.7 | 521.2 | 424.1 | 362.8 | 347.5 | 347.5 | 362.8 | 373.0 |
| 55° | 1190.6 | 1180.4 | 986.2 | 756.2 | 465.0 | 393.5 | 337.2 | 327.0 | 327.0 | 342.4 | 352.6 |
| 57.5° | 1159.9 | 1139.5 | 878.9 | 679.6 | 419.0 | 357.7 | 311.7 | 311.7 | 311.7 | 316.8 | 321.9 |
| 60° | 1113.9 | 1062.8 | 766.5 | 582.5 | 383.2 | 321.9 | 291.3 | 286.1 | 286.1 | 281.0 | 286.1 |
| 62.5° | 1016.8 | 930.0 | 643.8 | 495.6 | 342.4 | 291.3 | 265.7 | 260.6 | 245.3 | 229.9 | 235.1 |
| 65° | *919.8* | *786.9* | *511.0* | *413.9* | *296.4* | *250.4* | *235.1* | *229.9* | *204.4* | *184.0* | *189.1* |
| 67.5° | 797.1 | 628.5 | 383.2 | 347.5 | 255.5 | 214.6 | 199.3 | 199.3 | 184.0 | 168.6 | 168.6 |
| 70° | 710.3 | 490.5 | 321.9 | 260.6 | 204.4 | 168.6 | 168.6 | 178.8 | 163.5 | 143.1 | 143.1 |
| 72.5° | 628.5 | 398.6 | 260.6 | 209.5 | 158.4 | 132.9 | 143.1 | 148.2 | 132.9 | 117.5 | 117.5 |
| 75° | 536.5 | 311.7 | 204.4 | 163.5 | 117.5 | 102.2 | 107.3 | 117.5 | 107.3 | 92.0 | 97.1 |
| 77.5° | 388.3 | 214.6 | 138.0 | 107.3 | 86.9 | 76.6 | 81.8 | 81.8 | 76.6 | 71.5 | 71.5 |
| 80° | 270.8 | 143.1 | 92.0 | 71.5 | 61.3 | 56.2 | 56.2 | 51.1 | 51.1 | 56.2 | 56.2 |
| 82.5° | 163.5 | 102.2 | 66.4 | 56.2 | 46.0 | 35.8 | 35.8 | 40.9 | 40.9 | 46.0 | 46.0 |
| 85° | 71.5 | 61.3 | 46.0 | 40.9 | 30.7 | 25.5 | 30.7 | 30.7 | 35.8 | 40.9 | 40.9 |
| 87.5° | 46.0 | 46.0 | 35.8 | 30.7 | 25.5 | 20.4 | 20.4 | 25.5 | 25.5 | 30.7 | 35.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 |
| 2.5° | 2529.3 | 2580.4 | 2641.8 | 2728.6 | 2805.3 | 2897.2 | 2989.2 | 3076.1 | 3157.8 | 3168.1 | 3203.8 |
| 5° | 2202.3 | 2299.4 | 2422.0 | 2565.1 | 2738.8 | 2922.8 | 3101.6 | 3290.7 | 3444.0 | 3500.2 | 3582.0 |
| 7.5° | 1865.1 | 1987.7 | 2166.5 | 2386.3 | 2631.5 | 2907.5 | 3183.4 | 3449.1 | 3679.0 | 3786.4 | 3893.7 |
| 10° | 1543.2 | 1660.7 | 1880.4 | 2146.1 | 2462.9 | 2835.9 | 3203.8 | 3561.5 | 3842.6 | 3965.2 | 4067.4 |
| 12.5° | 1251.9 | 1369.4 | 1548.3 | 1854.9 | 2238.1 | 2687.7 | 3173.2 | 3602.4 | 3914.1 | 4041.8 | 4138.9 |
| 15° | 1022.0 | 1119.0 | 1287.7 | 1573.8 | 1977.5 | 2483.4 | 3065.9 | 3571.7 | 3929.4 | 4052.1 | 4123.6 |
| 17.5° | 899.3 | 924.9 | 1032.2 | 1292.8 | 1732.2 | 2299.4 | 2927.9 | 3530.9 | 3939.6 | 4052.1 | 4092.9 |
| 20° | 848.2 | 848.2 | 868.7 | 1006.6 | 1435.8 | 2105.2 | 2825.7 | 3505.3 | 3955.0 | 4067.4 | 4062.3 |
| 22.5° | 802.2 | 812.5 | 812.5 | 843.1 | 1093.5 | 1834.4 | 2718.4 | 3495.1 | 4001.0 | 4087.8 | 4016.3 |
| 25° | 761.4 | 776.7 | 776.7 | 786.9 | 858.4 | 1512.5 | 2585.6 | 3515.5 | 4082.7 | 4128.7 | 3985.6 |
| 27.5° | 725.6 | 740.9 | 740.9 | 751.1 | 766.5 | 1124.2 | 2365.8 | 3520.6 | 4174.7 | 4179.8 | 3944.8 |
| 30° | 689.8 | 705.2 | 715.4 | 715.4 | 725.6 | 827.8 | 2089.9 | 3490.0 | 4276.9 | 4246.2 | 3939.6 |
| 32.5° | 648.9 | 669.4 | 674.5 | 684.7 | 689.8 | 720.5 | 1732.2 | 3438.9 | 4404.6 | 4338.2 | 3944.8 |
| 35° | 613.2 | 638.7 | 643.8 | 643.8 | 654.1 | 684.7 | 1384.8 | 3382.7 | 4578.4 | 4460.8 | 3965.2 |
| 37.5° | 577.4 | 597.8 | 603.0 | 608.1 | 618.3 | 648.9 | 1098.6 | 3300.9 | 4726.6 | 4614.1 | 4067.4 |
| 40° | 536.5 | 562.1 | 567.2 | 572.3 | 582.5 | 613.2 | 945.3 | 3198.7 | 4951.4 | 4869.6 | 4220.7 |
| 42.5° | 495.6 | 521.2 | 531.4 | 536.5 | 541.6 | 582.5 | 863.6 | 3127.2 | 5314.2 | 5227.3 | 4532.4 |
| 45° | 459.9 | 485.4 | 495.6 | 495.6 | 505.9 | 562.1 | 792.0 | 3285.6 | 5814.9 | 5774.1 | 4951.4 |
| 47.5° | 429.2 | 454.8 | 459.9 | 459.9 | 465.0 | 531.4 | 730.7 | 3709.7 | 6581.4 | 6474.1 | 5605.4 |
| 50° | 403.7 | 424.1 | 434.3 | 424.1 | 429.2 | 505.9 | 766.5 | 4409.7 | 7562.5 | 7598.3 | 6566.1 |
| 52.5° | 383.2 | 403.7 | 408.8 | 388.3 | 388.3 | 470.1 | 812.5 | 4982.0 | 8814.4 | 9141.4 | 8088.8 |
| 55° | 357.7 | 378.1 | 383.2 | 357.7 | 357.7 | 413.9 | 705.2 | 5017.8 | 10240.0 | 11292.6 | 10071.4 |
| 57.5° | 332.1 | 352.6 | 352.6 | 332.1 | 327.0 | 357.7 | 572.3 | 4450.6 | 11343.7 | 13730.0 | 12784.7 |
| 60° | 301.5 | 321.9 | 316.8 | 306.6 | 296.4 | 327.0 | 526.3 | 3392.9 | 11195.5 | 15319.1 | 15896.5 |
| 62.5° | 245.3 | 275.9 | 286.1 | 281.0 | 260.6 | 296.4 | 490.5 | 2212.5 | 9688.2 | 13939.5 | 15799.5 |
| 65° | *204.4* | *229.9* | *245.3* | *245.3* | *229.9* | *327.0* | *429.2* | *1165.0* | *7756.7* | *11829.2* | *13929.3* |
| 67.5° | 178.8 | 204.4 | 214.6 | 209.5 | 199.3 | 291.3 | 270.8 | 562.1 | 5947.8 | 10194.0 | 12467.9 |
| 70° | 158.4 | 178.8 | 189.1 | 173.7 | 163.5 | 235.1 | 194.2 | 332.1 | 3980.5 | 8507.8 | 11103.6 |
| 72.5° | 127.7 | 148.2 | 158.4 | 143.1 | 127.7 | 173.7 | 148.2 | 219.7 | 2590.7 | 7250.8 | 9867.0 |
| 75° | 102.2 | 122.6 | 127.7 | 117.5 | 102.2 | 127.7 | 117.5 | 153.3 | 1691.3 | 5998.9 | 8390.3 |
| 77.5° | 76.6 | 86.9 | 97.1 | 92.0 | 76.6 | 92.0 | 81.8 | 107.3 | 965.7 | 4210.5 | 5886.5 |
| 80° | 61.3 | 66.4 | 66.4 | 66.4 | 61.3 | 56.2 | 56.2 | 71.5 | 434.3 | 2074.6 | 3071.0 |
| 82.5° | 51.1 | 56.2 | 56.2 | 51.1 | 46.0 | 40.9 | 35.8 | 40.9 | 127.7 | 930.0 | 1415.4 |
| 85° | 46.0 | 51.1 | 40.9 | 35.8 | 30.7 | 25.5 | 15.3 | 15.3 | 35.8 | 148.2 | 275.9 |
| 87.5° | 35.8 | 30.7 | 25.5 | 20.4 | 10.2 | 5.1 | 5.1 | 0.0 | 5.1 | 5.1 | 5.1 |
| 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: P1364633
CATALOG NUMBER: GSS-SB3C-750-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 | 2876.8 |
| 2.5° | 3260.0 | 3311.1 | 3346.9 | 3377.6 | 3367.3 | 3341.8 | 3290.7 | 3254.9 | 3246.8 | 3244.7 |
| 5° | 3689.3 | 3771.0 | 3842.6 | 3832.3 | 3842.6 | 3765.9 | 3689.3 | 3597.3 | 3560.5 | 3551.3 |
| 7.5° | 4047.0 | 4149.1 | 4236.0 | 4225.8 | 4195.1 | 4108.3 | 3980.5 | 3842.6 | 3777.2 | 3760.8 |
| 10° | 4241.1 | 4358.6 | 4430.2 | 4404.6 | 4353.5 | 4241.1 | 4113.4 | 3949.9 | 3876.3 | 3857.9 |
| 12.5° | 4276.9 | 4353.5 | 4338.2 | 4328.0 | 4317.8 | 4261.6 | 4164.5 | 4016.3 | 3942.7 | 3924.3 |
| 15° | 4184.9 | 4154.3 | 4067.4 | 4047.0 | 4123.6 | 4195.1 | 4174.7 | 4052.1 | 3982.6 | 3965.2 |
| 17.5° | 4031.6 | 3873.2 | 3714.8 | 3694.4 | 3822.1 | 4021.4 | 4179.8 | 4108.3 | 4042.9 | 4026.5 |
| 20° | 3863.0 | 3566.6 | 3392.9 | 3357.1 | 3515.5 | 3811.9 | 4123.6 | 4164.5 | 4119.5 | 4108.3 |
| 22.5° | 3663.7 | 3316.3 | 3132.3 | 3111.9 | 3229.4 | 3576.9 | 4041.8 | 4225.8 | 4205.4 | 4200.2 |
| 25° | 3490.0 | 3096.5 | 2922.8 | 2892.1 | 3045.4 | 3382.7 | 3960.1 | 4328.0 | 4315.7 | 4312.7 |
| 27.5° | 3346.9 | 2938.1 | 2754.2 | 2733.7 | 2881.9 | 3219.2 | 3857.9 | 4414.9 | 4455.7 | 4466.0 |
| 30° | 3234.5 | 2820.6 | 2636.6 | 2611.1 | 2774.6 | 3106.7 | 3786.4 | 4537.5 | 4615.2 | 4634.6 |
| 32.5° | 3147.6 | 2754.2 | 2580.4 | 2565.1 | 2738.8 | 3060.8 | 3745.5 | 4665.2 | 4824.7 | 4864.5 |
| 35° | 3117.0 | 2774.6 | 2657.1 | 2692.9 | 2825.7 | 3106.7 | 3776.1 | 4874.7 | 5095.5 | 5150.7 |
| 37.5° | 3183.4 | 2999.4 | 3081.2 | 3173.2 | 3224.3 | 3326.5 | 3919.2 | 5212.0 | 5498.1 | 5569.7 |
| 40° | 3398.0 | 3602.4 | 3985.6 | 4164.5 | 4144.0 | 3909.0 | 4246.2 | 5687.2 | 6096.0 | 6198.2 |
| 42.5° | 3944.8 | 4609.0 | 5421.5 | 5723.0 | 5549.2 | 4839.0 | 4767.4 | 6469.0 | 6935.0 | 7051.5 |
| 45° | 4757.2 | 5825.2 | 7158.8 | 7838.4 | 7240.6 | 6019.3 | 5590.1 | 7582.9 | 8032.6 | 8145.0 |
| 47.5° | 5569.7 | 7184.4 | 9304.9 | 10112.3 | 8937.0 | 7189.5 | 6668.3 | 8916.6 | 9321.3 | 9422.4 |
| 50° | 6397.5 | 8686.6 | 11445.9 | 12524.1 | 10628.4 | 8380.0 | 7812.9 | 10561.9 | 10856.3 | 10929.8 |
| 52.5° | 7250.8 | 10030.5 | 13806.6 | 14736.6 | 12396.3 | 9299.8 | 9121.0 | 12355.5 | 12531.2 | 12575.2 |
| 55° | 8201.2 | 11302.8 | 16172.5 | 16923.6 | 14005.9 | 10102.0 | 10653.9 | 14230.8 | 14185.8 | 14174.5 |
| 57.5° | 9468.4 | 12641.6 | 18078.4 | 19125.9 | 15467.3 | 11185.3 | 12702.9 | 16315.5 | 15436.7 | 15216.9 |
| 60° | 11681.0 | 14721.3 | 20449.4 | 21588.8 | 17424.4 | 12769.4 | 14210.3 | 16269.6 | 14699.8 | 14307.4 |
| 62.5° | 14246.1 | 16724.3 | 22595.5 | 23556.1 | 19483.6 | 14343.2 | 13009.5 | 13663.6 | 12110.2 | 11721.8 |
| 65° | 12375.9 | 16371.8 | 22661.9 | 23648.1 | 19560.3 | 13382.5 | 9616.6 | 9688.2 | 8380.0 | 8053.0 |
| 67.5° | 10531.3 | 14511.8 | 20638.4 | 21415.1 | 17449.9 | 11062.7 | 6377.0 | 6320.8 | 5499.2 | 5293.7 |
| 70° | 9376.5 | 12713.1 | 17787.2 | 17117.8 | 14670.2 | 9350.9 | 4236.0 | 3510.4 | 2999.4 | 2871.7 |
| 72.5° | 8426.0 | 10086.7 | 14414.7 | 11798.5 | 12171.5 | 7608.5 | 2692.9 | 2391.4 | 1994.9 | 1895.7 |
| 75° | 7628.9 | 8344.3 | 8993.2 | 8155.2 | 8645.8 | 6269.7 | 2284.1 | 1844.6 | 1509.4 | 1425.6 |
| 77.5° | 6070.4 | 6494.5 | 5324.4 | 5171.1 | 6055.1 | 4460.8 | 1134.4 | 776.7 | 678.6 | 654.1 |
| 80° | 3612.6 | 3071.0 | 3019.9 | 3444.0 | 4031.6 | 2314.7 | 694.9 | 429.2 | 388.3 | 378.1 |
| 82.5° | 2187.0 | 1108.8 | 1205.9 | 1522.7 | 2146.1 | 1052.6 | 413.9 | 184.0 | 163.5 | 158.4 |
| 85° | 367.9 | 301.5 | 465.0 | 444.6 | 419.0 | 224.8 | 112.4 | 51.1 | 47.0 | 46.0 |
| 87.5° | 10.2 | 15.3 | 20.4 | 25.5 | 25.5 | 25.5 | 25.5 | 25.5 | 29.6 | 30.7 |
| 90° | 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

# 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

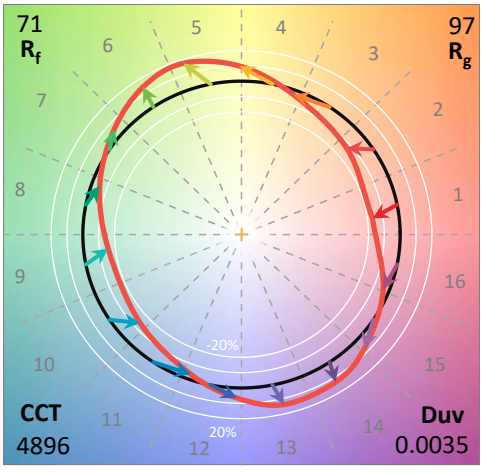
## Test Information

| | |
|---|---|
| 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

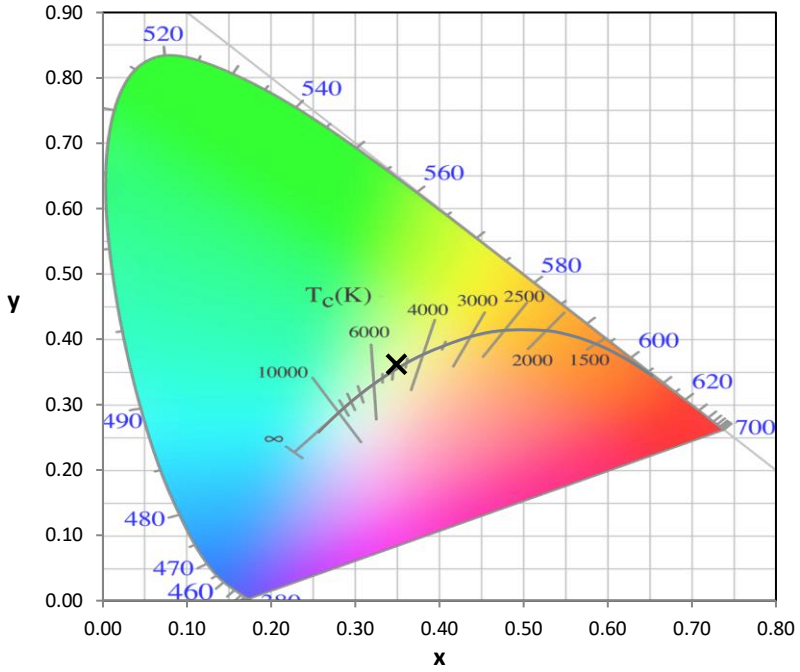
| | |
|---|---|
| Stabilization Time: | 21M |
| Operation Time: | 1H 21M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-6

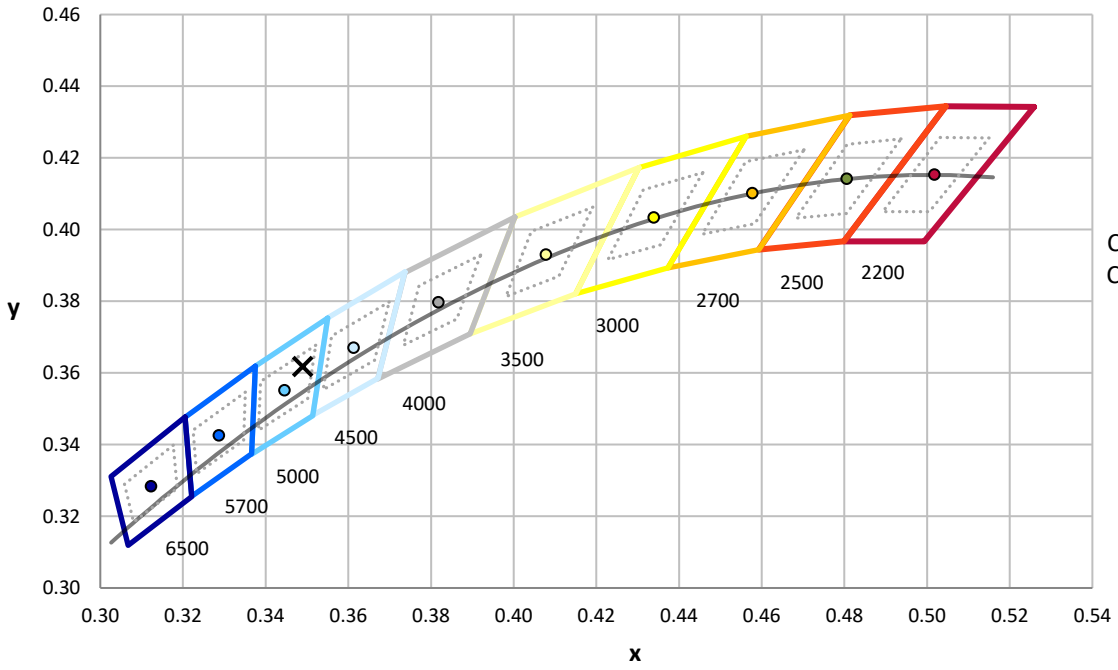
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC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

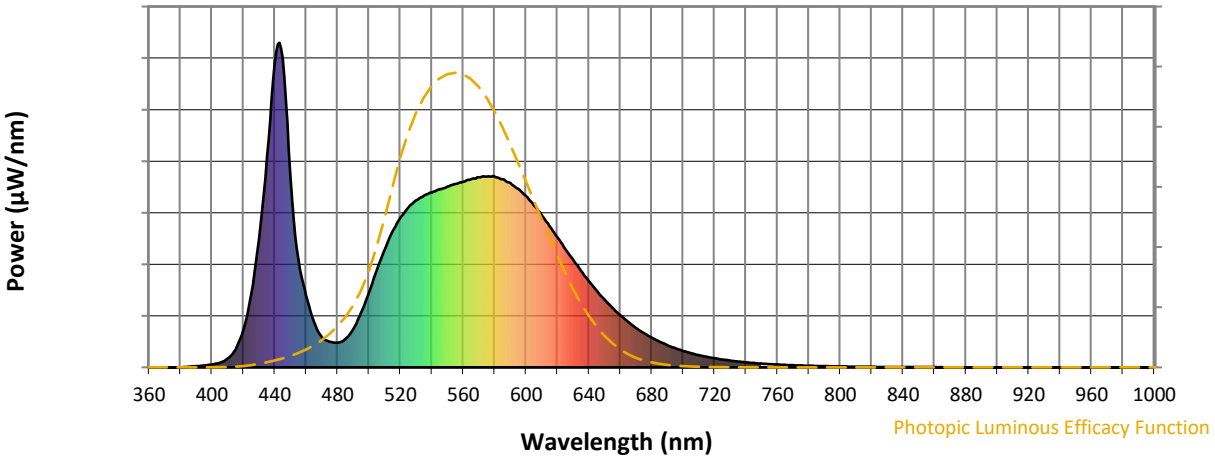



CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

## Photopic Flux vs. Wavelength

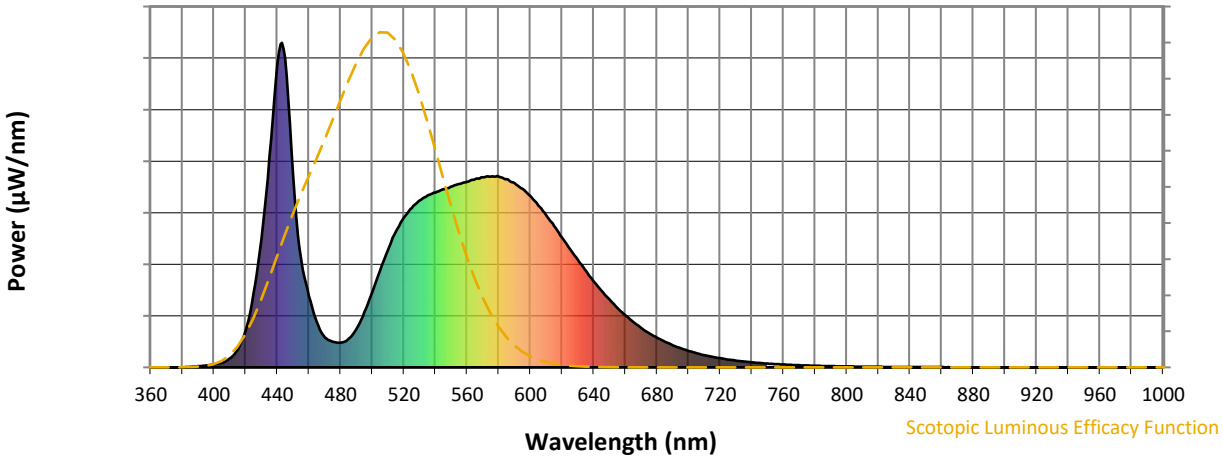



## Photopic Lumens: NR

| 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

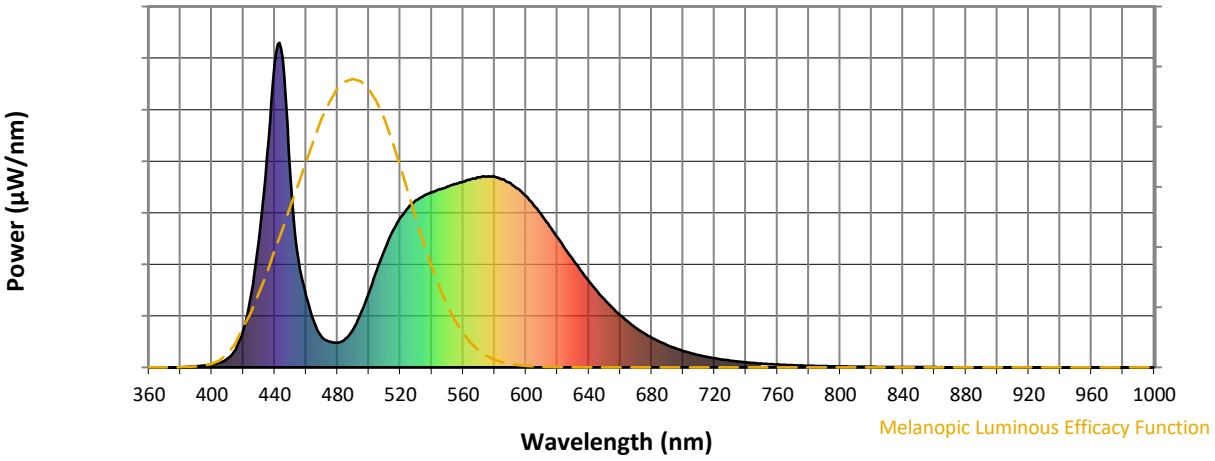



**Scotopic Lumens: NR** **S/P: 1.7**

| 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 | | | |

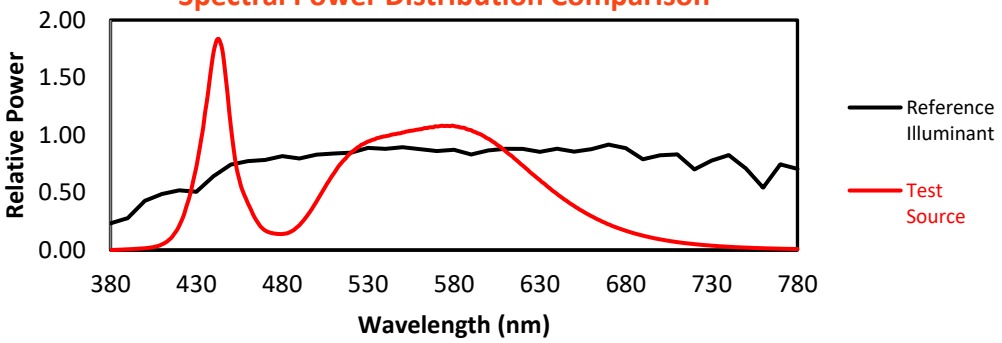
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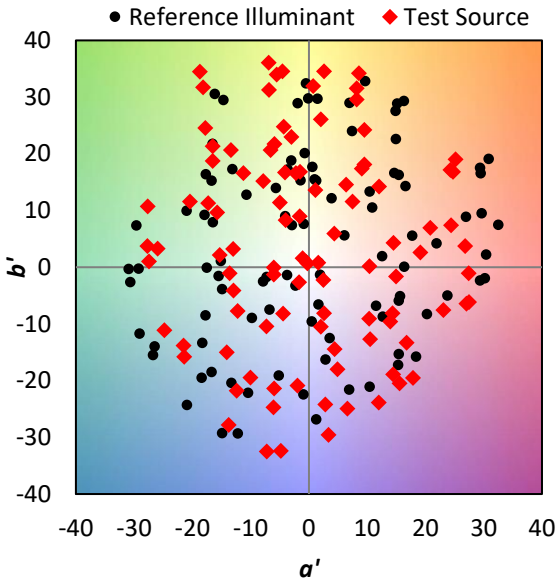
## Summary

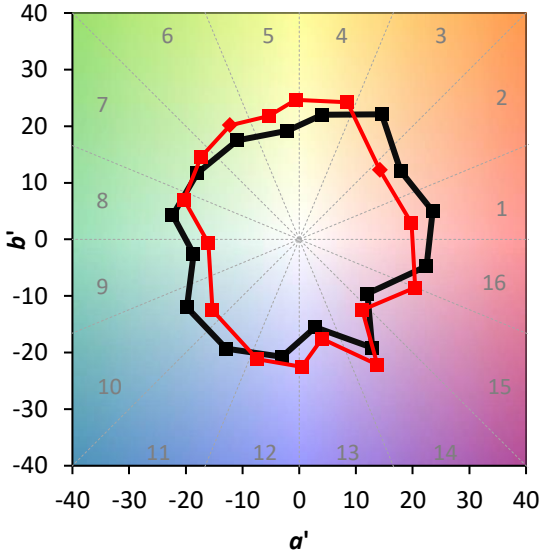
$R_f$ = 70.7
$R_g$ = 96.8
CIE $R_a$ = 70.2
$R_9$ = -35.1

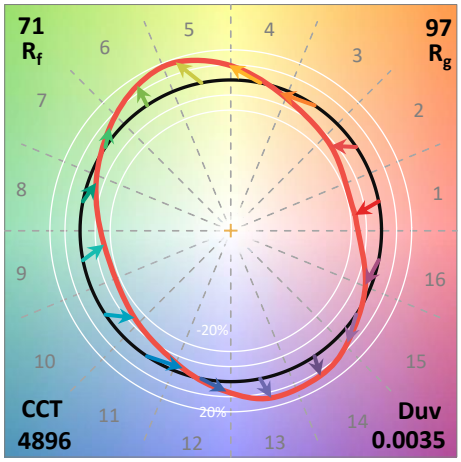
## Spectral Power Distribution Comparison

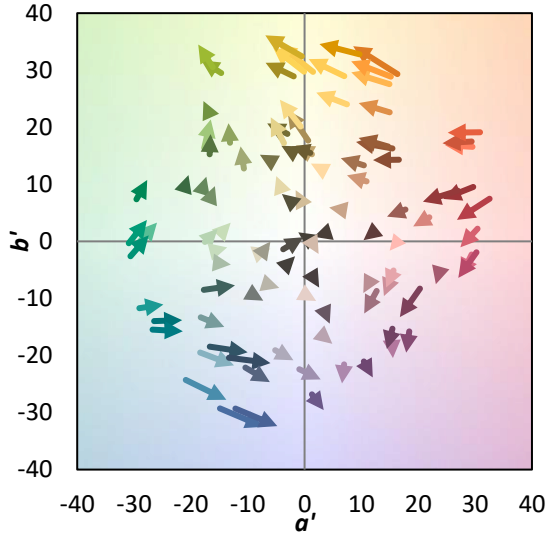



## Color Vector Graphics



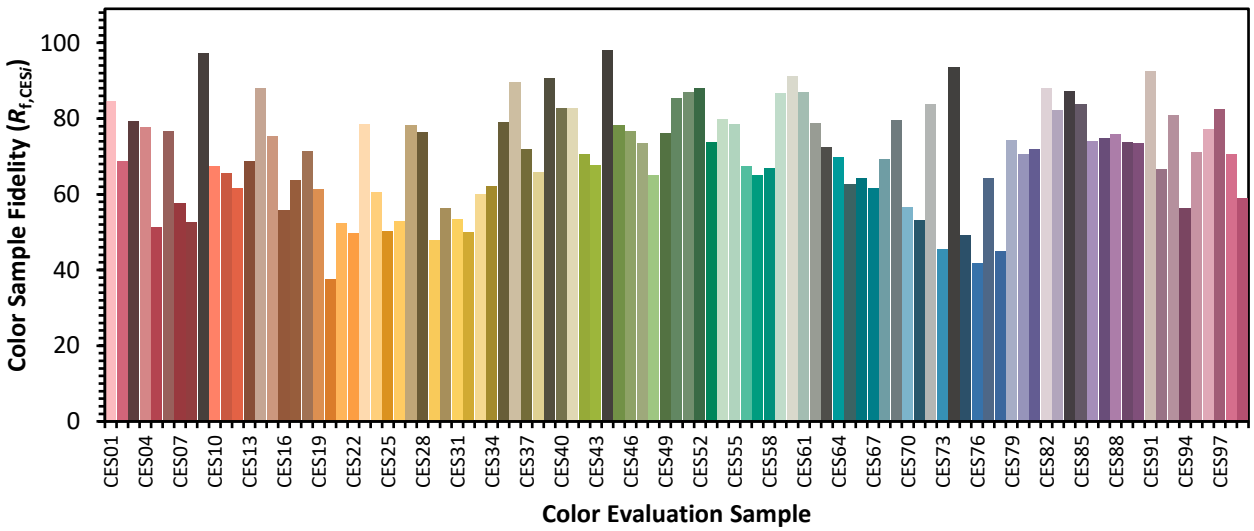



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**Individual Sample Fidelity Index ($R_{f,i}$)**

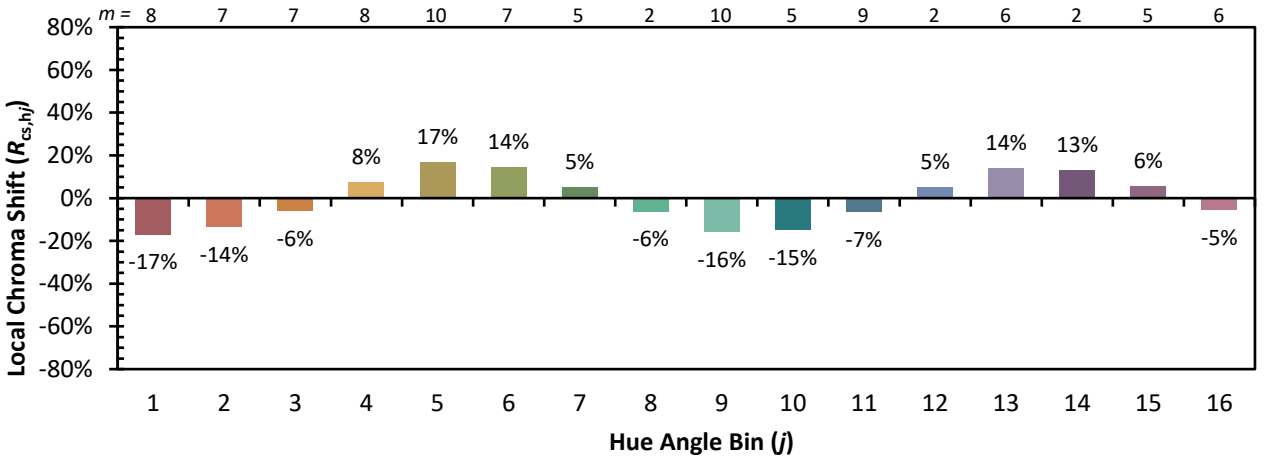
| | | | |
|---|---|---|---|
| CES01 = 85 | CES26 = 53 | CES51 = 87 | CES76 = 42 |
| CES02 = 59 | CES27 = 78 | CES52 = 88 | CES77 = 64 |
| CES03 = 30 | CES28 = 76 | CES53 = 74 | CES78 = 45 |
| CES04 = 69 | CES29 = 48 | CES54 = 80 | CES79 = 74 |
| CES05 = 46 | CES30 = 56 | CES55 = 79 | CES80 = 71 |
| CES06 = 50 | CES31 = 54 | CES56 = 68 | CES81 = 72 |
| CES07 = 39 | CES32 = 50 | CES57 = 65 | CES82 = 88 |
| CES08 = 38 | CES33 = 60 | CES58 = 67 | CES83 = 82 |
| CES09 = 29 | CES34 = 62 | CES59 = 87 | CES84 = 87 |
| CES10 = 72 | CES35 = 79 | CES60 = 91 | CES85 = 84 |
| CES11 = 56 | CES36 = 90 | CES61 = 87 | CES86 = 74 |
| CES12 = 61 | CES37 = 72 | CES62 = 79 | CES87 = 75 |
| CES13 = 41 | CES38 = 66 | CES63 = 72 | CES88 = 76 |
| CES14 = 74 | CES39 = 91 | CES64 = 70 | CES89 = 74 |
| CES15 = 70 | CES40 = 83 | CES65 = 63 | CES90 = 73 |
| CES16 = 46 | CES41 = 83 | CES66 = 64 | CES91 = 92 |
| CES17 = 49 | CES42 = 70 | CES67 = 62 | CES92 = 67 |
| CES18 = 55 | CES43 = 68 | CES68 = 69 | CES93 = 81 |
| CES19 = 71 | CES44 = 98 | CES69 = 80 | CES94 = 56 |
| CES20 = 64 | CES45 = 78 | CES70 = 56 | CES95 = 71 |
| CES21 = 85 | CES46 = 77 | CES71 = 53 | CES96 = 77 |
| CES22 = 77 | CES47 = 73 | CES72 = 84 | CES97 = 82 |
| CES23 = 91 | CES48 = 65 | CES73 = 46 | CES98 = 71 |
| CES24 = 90 | CES49 = 76 | CES74 = 94 | CES99 = 59 |
| CES25 = 71 | CES50 = 85 | CES75 = 49 | |

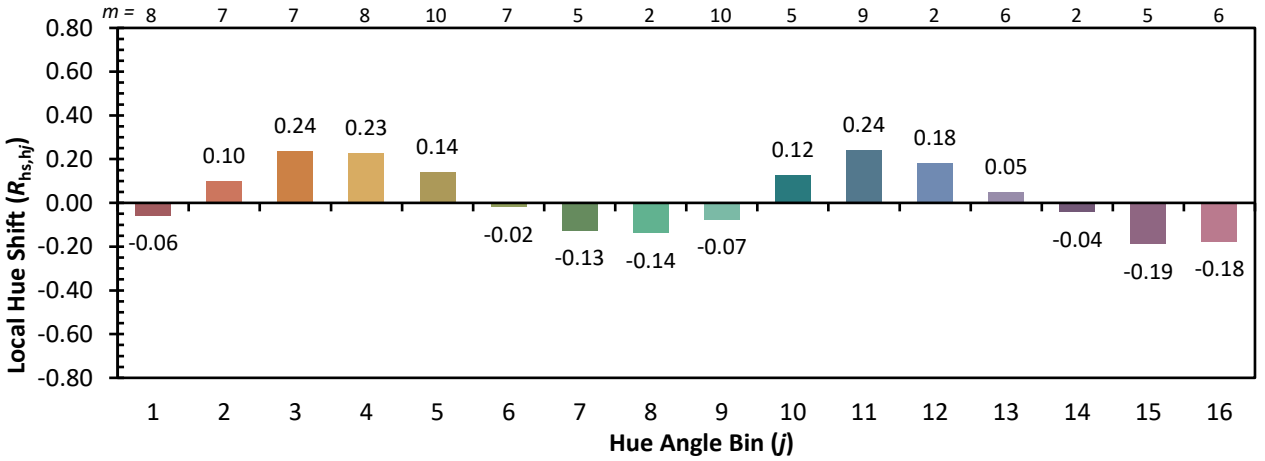


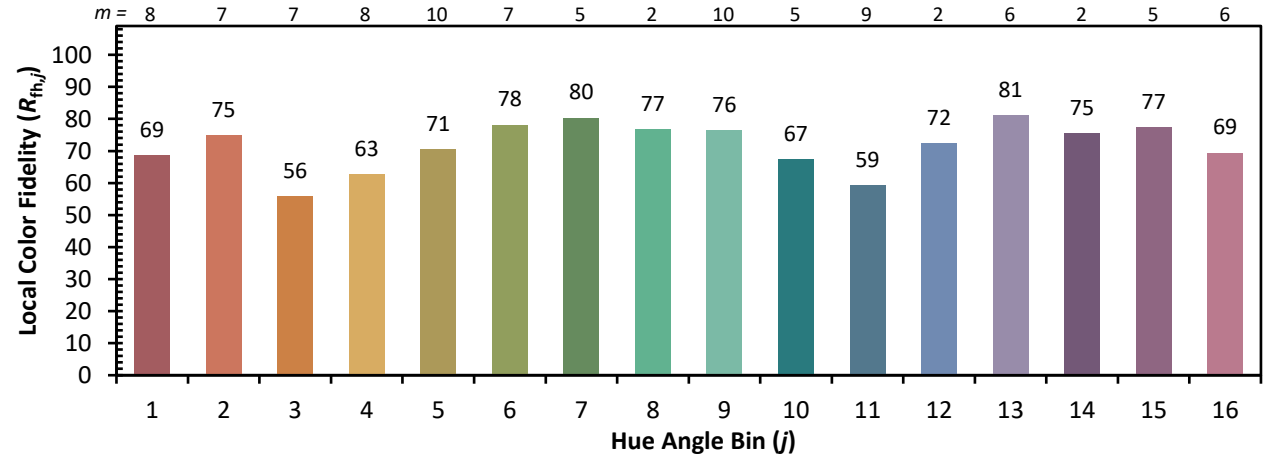
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## Color Rendition by Hue-Angle Bin



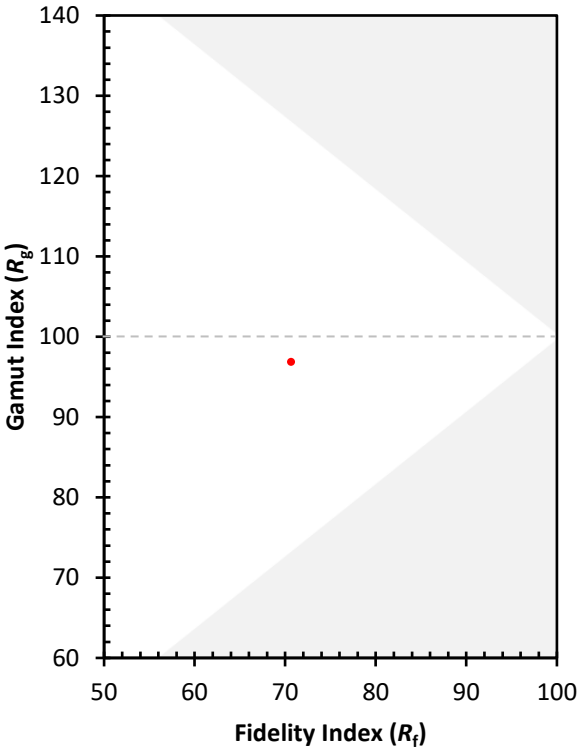



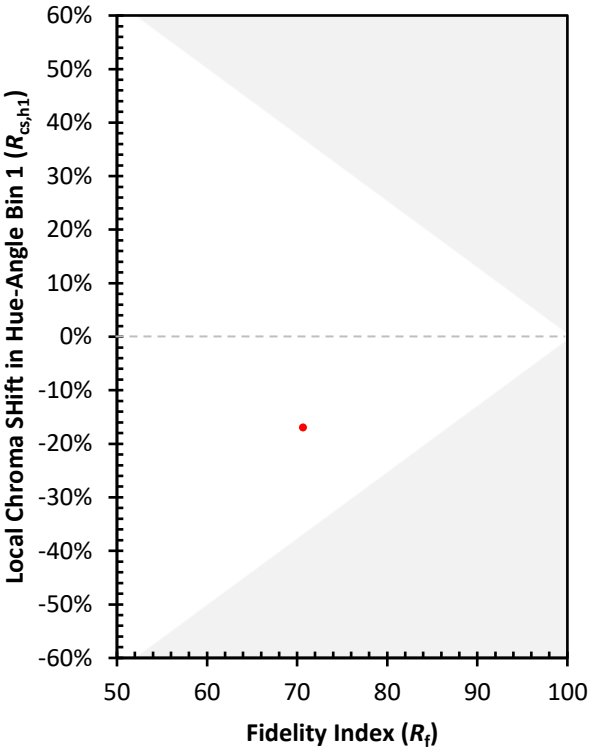



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## Measure Comparisons




(END OF REPORT)