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: P1364913

Luminaire Tested: **GSS-SB1C-722-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: | P1364913 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB1C-722-U-SLL |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC |
| Light Source: | (26) 2200K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 5305.9 lumens |
| Efficiency: | N/A |
| Efficacy: | 102.0 lumens/watt |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B1 - U0 - G1 |

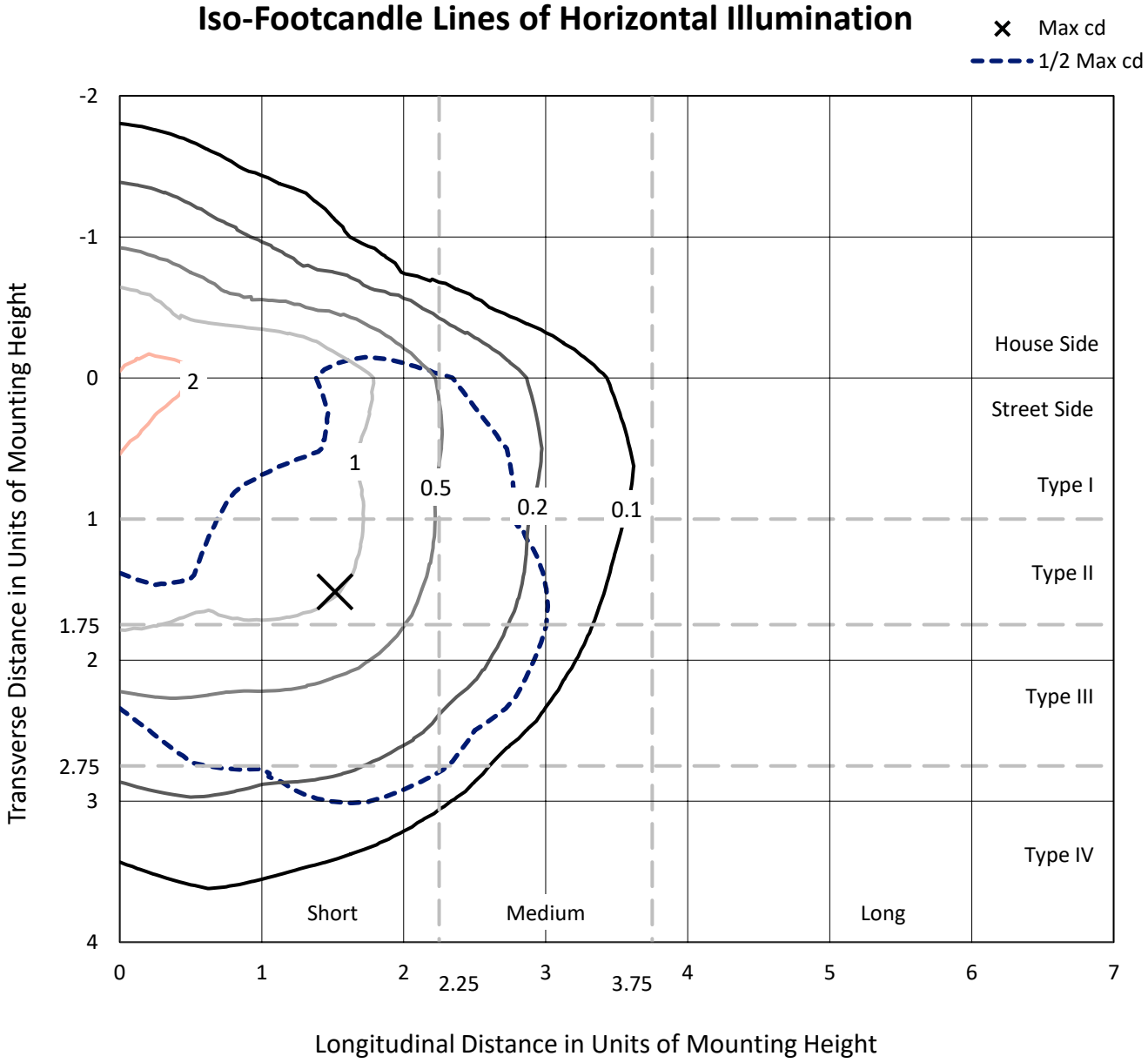
| | |
|---|---|
| Input Watts (W): | 52 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 10.1% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



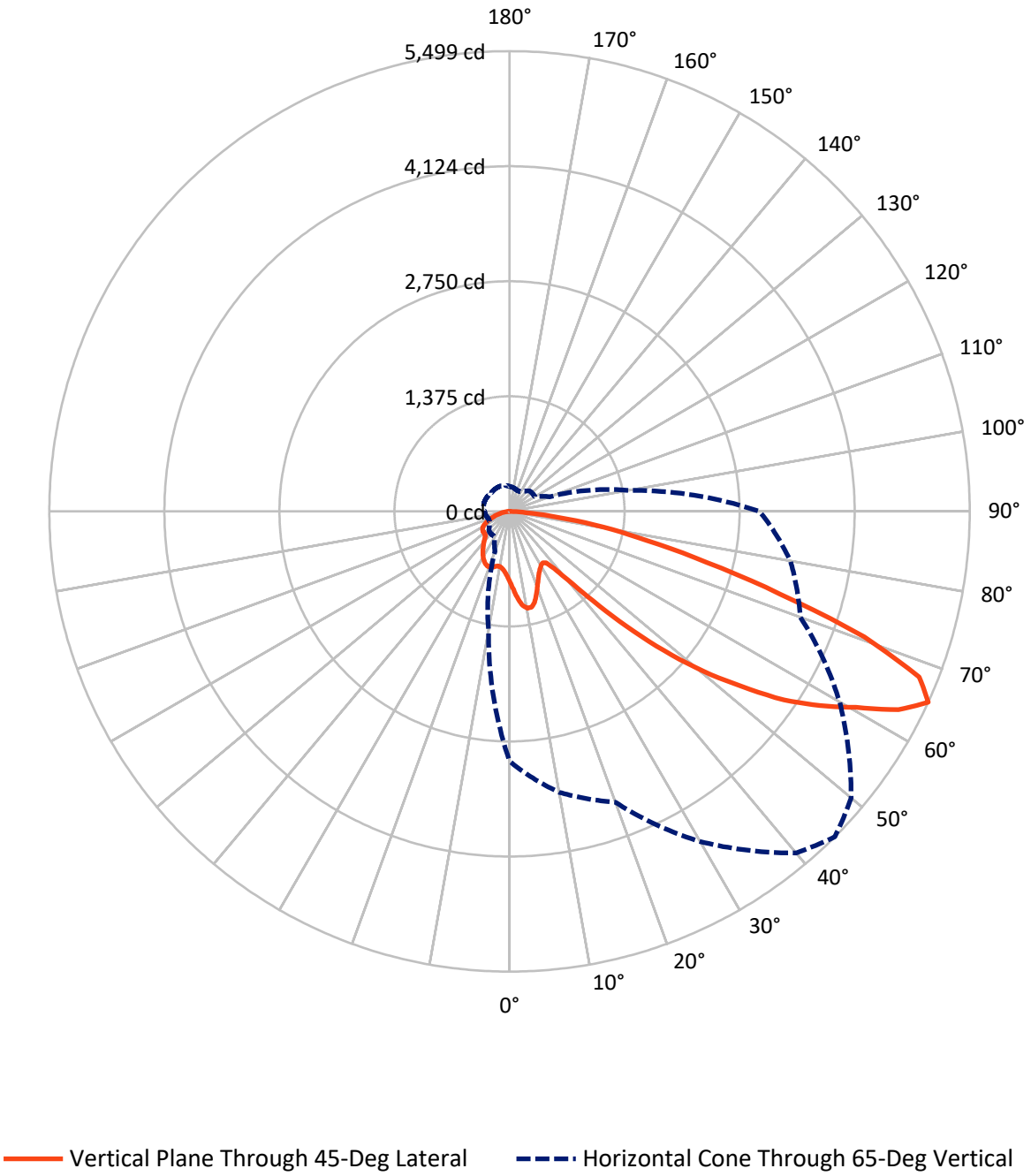

Based on 20 foot mounting height. Maximum calculated value = 2.8 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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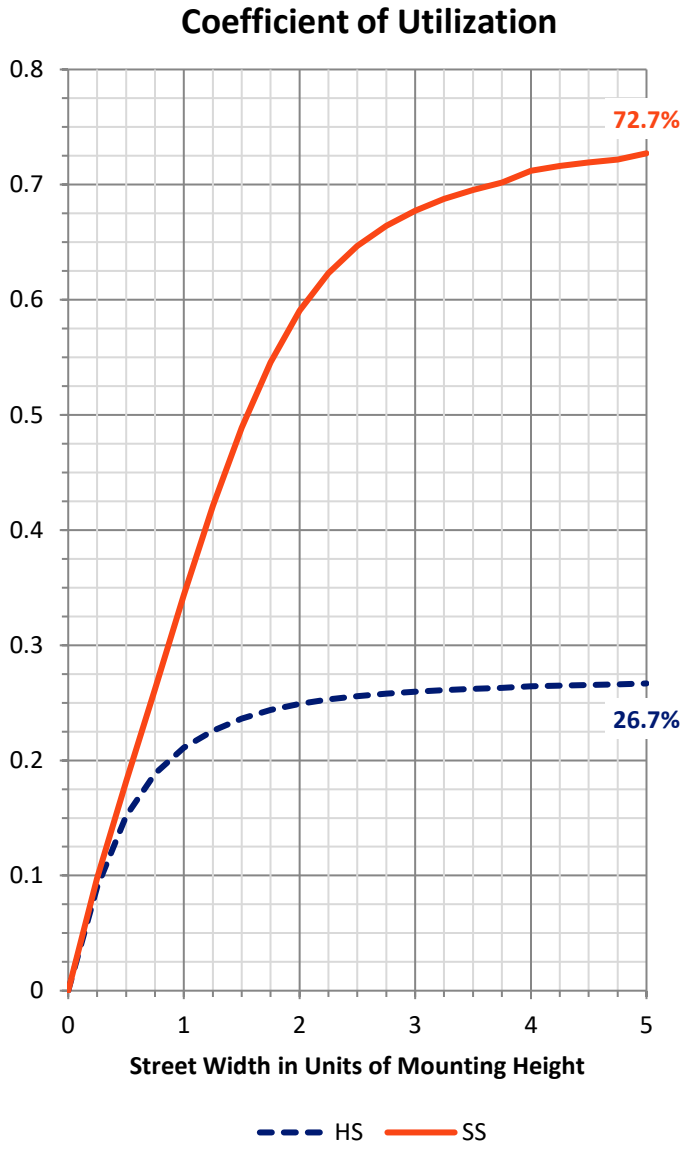
REPORT NUMBER: P1364913
CATALOG NUMBER: GSS-SB1C-722-U-SLL

**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 1427.4 | 0.0 | 1427.4 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 3878.5 | 0.0 | 3878.5 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 5305.9 | 0.0 | 5305.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 83.5 | 1.6 |
| 10°-20° | 256.0 | 4.8 |
| 20°-30° | 396.2 | 7.5 |
| 30°-40° | 491.6 | 9.3 |
| 40°-50° | 718.8 | 13.5 |
| 50°-60° | 1126.0 | 21.2 |
| 60°-70° | 1336.0 | 25.2 |
| 70°-80° | 779.2 | 14.7 |
| 80°-90° | 118.5 | 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° | 5305.9 | 100.0 |
| 0°-180° | 5305.9 | 100.0 |



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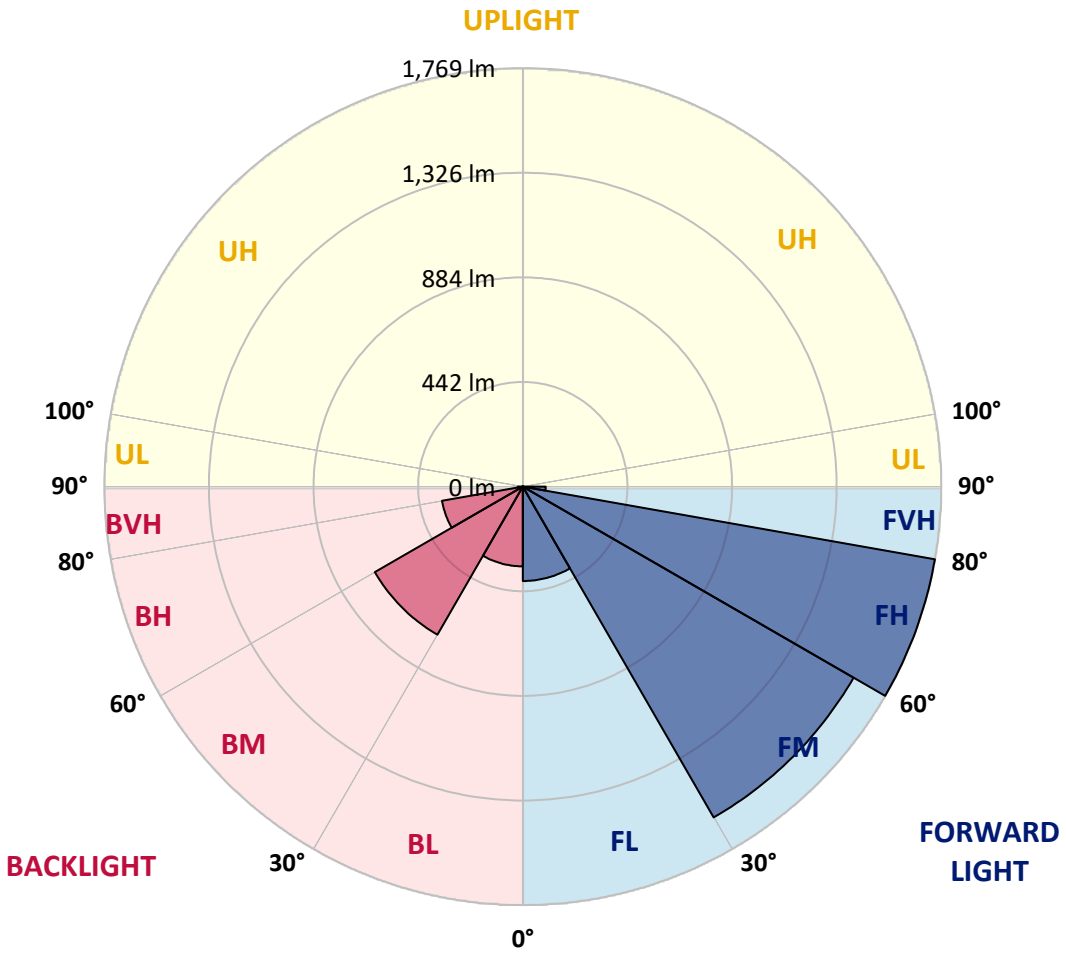
Scaled Data Report

REPORT NUMBER: P1364913
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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°) | 398.8 | 7.5 | | | |
| FM | (30°-60°) | 1614.2 | 30.4 | | | |
| FH | (60°-80°) | 1768.6 | 33.3 | | | G1/1800 |
| FVH | (80°-90°) | 97.0 | 1.8 | | | G1/100 |
| BL | (0°-30°) | 337.0 | 6.4 | B1/500 | | |
| BM | (30°-60°) | 722.2 | 13.6 | B1/1000 | | |
| BH | (60°-80°) | 346.7 | 6.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 21.6 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B1-U0-G1**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | *846.0* | 846.0 |
| 2.5° | 914.2 | 917.4 | 920.7 | 924.2 | 927.8 | 929.9 | 931.9 | 934.1 | 936.2 | *938.2* | 936.2 |
| 5° | 976.4 | 991.1 | 1005.6 | 1015.5 | 1025.4 | 1032.9 | 1040.4 | 1044.7 | 1049.1 | *1049.8* | 1049.1 |
| 7.5° | 1039.4 | 1056.8 | 1074.2 | 1089.2 | 1104.3 | 1113.9 | 1123.5 | 1129.0 | 1134.8 | *1136.7* | 1134.8 |
| 10° | 1079.0 | 1099.3 | 1119.8 | 1134.4 | 1149.0 | 1158.0 | 1166.8 | 1171.2 | 1175.6 | *1176.9* | 1175.6 |
| 12.5° | 1099.1 | 1118.7 | 1138.3 | 1149.5 | 1160.7 | 1166.4 | 1172.0 | 1174.1 | 1175.9 | *1174.3* | 1175.9 |
| 15° | 1108.8 | 1120.4 | 1131.8 | 1136.6 | 1141.2 | 1138.5 | 1135.7 | 1131.6 | 1127.6 | *1125.0* | 1127.6 |
| 17.5° | 1111.4 | 1115.4 | 1119.6 | 1110.9 | 1102.3 | 1086.7 | 1071.2 | 1059.5 | 1047.8 | *1039.4* | 1047.8 |
| 20° | 1119.8 | 1113.3 | 1106.9 | 1083.8 | 1060.8 | 1031.6 | 1002.4 | 982.8 | 963.1 | *951.1* | 963.1 |
| 22.5° | 1128.9 | 1110.6 | 1092.3 | 1053.5 | 1014.7 | 974.8 | 934.9 | 912.3 | 889.9 | *877.2* | 889.9 |
| 25° | 1143.2 | 1111.8 | 1080.3 | 1027.8 | 975.5 | 928.6 | 881.7 | 857.2 | 832.8 | *818.8* | 832.8 |
| 27.5° | 1164.0 | 1115.9 | 1067.9 | 1003.0 | 938.2 | 887.3 | 836.3 | 813.0 | 789.6 | *777.3* | 789.6 |
| 30° | 1193.1 | 1129.4 | 1065.6 | 988.0 | 910.3 | 857.1 | 803.9 | 781.0 | 758.1 | *744.8* | 758.1 |
| 32.5° | 1228.8 | 1148.4 | 1067.9 | 981.0 | 894.1 | 839.8 | 785.7 | 763.8 | 742.0 | *730.6* | 742.0 |
| 35° | 1289.2 | 1187.3 | 1085.4 | 989.0 | 892.8 | 842.4 | 792.2 | 776.1 | 760.1 | *753.9* | 760.1 |
| 37.5° | 1365.7 | 1246.7 | 1127.6 | 1028.4 | 929.1 | 894.8 | 860.6 | 860.6 | 860.6 | *865.5* | 860.6 |
| 40° | 1478.6 | 1345.0 | 1211.3 | 1117.4 | 1023.6 | 1021.5 | 1019.7 | 1041.5 | 1063.4 | *1073.1* | 1063.4 |
| 42.5° | 1636.9 | 1495.6 | 1354.4 | 1278.7 | 1202.9 | 1248.3 | 1293.7 | 1356.8 | 1419.8 | *1461.1* | 1419.8 |
| 45° | 1833.5 | 1696.0 | 1558.4 | 1505.5 | 1452.7 | 1553.8 | 1654.7 | 1766.2 | 1877.6 | *1956.8* | 1877.6 |
| 47.5° | 2021.7 | 1905.9 | 1790.0 | 1759.8 | 1729.7 | 1897.7 | 2065.8 | 2229.2 | 2392.5 | *2488.8* | 2392.5 |
| 50° | 2239.7 | 2135.6 | 2031.4 | 2025.6 | 2019.7 | 2243.6 | 2467.4 | 2678.3 | 2889.1 | *3006.6* | 2889.1 |
| 52.5° | 2519.3 | 2405.0 | 2290.5 | 2295.2 | 2299.6 | 2565.5 | 2831.4 | 3086.4 | 3341.3 | *3473.7* | 3341.3 |
| 55° | 2853.4 | 2710.1 | 2566.7 | 2565.9 | 2565.1 | 2870.6 | 3176.3 | 3489.5 | 3803.0 | *3979.8* | 3803.0 |
| 57.5° | 3194.1 | 3059.8 | 2925.5 | 2893.5 | 2861.5 | 3181.0 | 3500.3 | 3846.2 | 4192.3 | *4378.1* | 4192.3 |
| 60° | 3449.7 | 3375.7 | 3301.8 | 3250.6 | 3199.6 | 3527.7 | 3855.8 | 4213.2 | 4570.4 | *4755.7* | 4570.4 |
| 62.5° | 3343.9 | 3476.2 | 3608.4 | 3604.6 | 3600.9 | 3955.0 | 4309.1 | 4680.7 | 5052.6 | *5219.0* | 5052.6 |
| 65° | *2987.1* | *3198.0* | *3408.8* | *3553.9* | *3698.8* | *4126.9* | *4554.9* | *4942.1* | *5329.3* | *5499.3* | *5329.3* |
| 67.5° | 2652.3 | 2838.1 | 3024.1 | 3142.8 | 3261.5 | 3743.9 | 4226.3 | 4665.7 | 5105.0 | *5280.0* | 5105.0 |
| 70° | 2331.8 | 2537.6 | 2743.4 | 2828.3 | 2913.1 | 3322.9 | 3732.6 | 4080.2 | 4427.7 | *4496.2* | 4427.7 |
| 72.5° | 2001.6 | 2246.3 | 2491.1 | 2527.1 | 2563.0 | 2861.2 | 3159.4 | 3344.6 | 3529.7 | *3380.3* | 3529.7 |
| 75° | 1638.9 | 1915.0 | 2191.0 | 2215.0 | 2239.0 | 2331.9 | 2425.0 | 2472.1 | 2519.3 | *2434.3* | 2519.3 |
| 77.5° | 1090.0 | 1329.0 | 1568.2 | 1622.0 | 1675.9 | 1737.8 | 1799.8 | 1796.5 | 1793.3 | *1673.9* | 1793.3 |
| 80° | 639.7 | 826.7 | 1013.7 | 1020.7 | 1027.7 | 1074.2 | 1120.5 | 1167.8 | 1215.2 | *1139.3* | 1215.2 |
| 82.5° | 319.9 | 422.5 | 525.3 | 541.1 | 556.9 | 585.4 | 613.8 | 627.0 | 640.4 | *576.1* | 640.4 |
| 85° | 72.7 | 99.4 | 126.1 | 151.9 | 177.8 | 207.6 | 237.5 | 234.1 | 230.7 | *194.6* | 230.7 |
| 87.5° | 5.8 | 6.0 | 6.2 | 6.4 | 6.5 | 6.6 | 6.7 | 7.1 | 7.5 | *7.8* | 7.5 |
| 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° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 |
| 2.5° | 934.1 | 931.9 | 929.9 | 927.8 | 924.2 | 920.7 | 917.4 | 914.2 | 905.9 | 897.7 | 890.2 |
| 5° | 1044.7 | 1040.4 | 1032.9 | 1025.4 | 1015.5 | 1005.6 | 991.1 | 976.4 | 961.8 | 947.3 | 931.9 |
| 7.5° | 1129.0 | 1123.5 | 1113.9 | 1104.3 | 1089.2 | 1074.2 | 1056.8 | 1039.4 | 1014.7 | 990.1 | 966.8 |
| 10° | 1171.2 | 1166.8 | 1158.0 | 1149.0 | 1134.4 | 1119.8 | 1099.3 | 1079.0 | 1049.5 | 1019.9 | 991.1 |
| 12.5° | 1174.1 | 1172.0 | 1166.4 | 1160.7 | 1149.5 | 1138.3 | 1118.7 | 1099.1 | 1069.7 | 1040.4 | 1008.1 |
| 15° | 1131.6 | 1135.7 | 1138.5 | 1141.2 | 1136.6 | 1131.8 | 1120.4 | 1108.8 | 1079.1 | 1049.5 | 1016.7 |
| 17.5° | 1059.5 | 1071.2 | 1086.7 | 1102.3 | 1110.9 | 1119.6 | 1115.4 | 1111.4 | 1083.6 | 1056.0 | 1021.0 |
| 20° | 982.8 | 1002.4 | 1031.6 | 1060.8 | 1083.8 | 1106.9 | 1113.3 | 1119.8 | 1091.8 | 1063.8 | 1026.1 |
| 22.5° | 912.3 | 934.9 | 974.8 | 1014.7 | 1053.5 | 1092.3 | 1110.6 | 1128.9 | 1103.2 | 1077.7 | 1036.3 |
| 25° | 857.2 | 881.7 | 928.6 | 975.5 | 1027.8 | 1080.3 | 1111.8 | 1143.2 | 1121.0 | 1098.8 | 1053.7 |
| 27.5° | 813.0 | 836.3 | 887.3 | 938.2 | 1003.0 | 1067.9 | 1115.9 | 1164.0 | 1147.0 | 1130.0 | 1079.1 |
| 30° | 781.0 | 803.9 | 857.1 | 910.3 | 988.0 | 1065.6 | 1129.4 | 1193.1 | 1179.8 | 1166.5 | 1109.2 |
| 32.5° | 763.8 | 785.7 | 839.8 | 894.1 | 981.0 | 1067.9 | 1148.4 | 1228.8 | 1220.5 | 1212.2 | 1144.6 |
| 35° | 776.1 | 792.2 | 842.4 | 892.8 | 989.0 | 1085.4 | 1187.3 | 1289.2 | 1278.8 | 1268.4 | 1182.2 |
| 37.5° | 860.6 | 860.6 | 894.8 | 929.1 | 1028.4 | 1127.6 | 1246.7 | 1365.7 | 1353.4 | 1341.1 | 1228.2 |
| 40° | 1041.5 | 1019.7 | 1021.5 | 1023.6 | 1117.4 | 1211.3 | 1345.0 | 1478.6 | 1454.4 | 1430.0 | 1280.7 |
| 42.5° | 1356.8 | 1293.7 | 1248.3 | 1202.9 | 1278.7 | 1354.4 | 1495.6 | 1636.9 | 1585.5 | 1534.0 | 1338.9 |
| 45° | 1766.2 | 1654.7 | 1553.8 | 1452.7 | 1505.5 | 1558.4 | 1696.0 | 1833.5 | 1751.1 | 1668.7 | 1417.8 |
| 47.5° | 2229.2 | 2065.8 | 1897.7 | 1729.7 | 1759.8 | 1790.0 | 1905.9 | 2021.7 | 1917.3 | 1813.0 | 1498.9 |
| 50° | 2678.3 | 2467.4 | 2243.6 | 2019.7 | 2025.6 | 2031.4 | 2135.6 | 2239.7 | 2098.2 | 1956.8 | 1569.6 |
| 52.5° | 3086.4 | 2831.4 | 2565.5 | 2299.6 | 2295.2 | 2290.5 | 2405.0 | 2519.3 | 2294.7 | 2069.9 | 1603.1 |
| 55° | 3489.5 | 3176.3 | 2870.6 | 2565.1 | 2565.9 | 2566.7 | 2710.1 | 2853.4 | 2492.1 | 2130.7 | 1594.2 |
| 57.5° | 3846.2 | 3500.3 | 3181.0 | 2861.5 | 2893.5 | 2925.5 | 3059.8 | 3194.1 | 2657.8 | 2121.6 | 1546.1 |
| 60° | 4213.2 | 3855.8 | 3527.7 | 3199.6 | 3250.6 | 3301.8 | 3375.7 | 3449.7 | 2732.0 | 2014.1 | 1430.7 |
| 62.5° | 4680.7 | 4309.1 | 3955.0 | 3600.9 | 3604.6 | 3608.4 | 3476.2 | 3343.9 | 2567.3 | 1790.7 | 1241.7 |
| 65° | *4942.1* | *4554.9* | *4126.9* | *3698.8* | *3553.9* | *3408.8* | *3198.0* | *2987.1* | *2214.4* | *1441.6* | *974.0* |
| 67.5° | 4665.7 | 4226.3 | 3743.9 | 3261.5 | 3142.8 | 3024.1 | 2838.1 | 2652.3 | 1901.8 | 1151.2 | 757.9 |
| 70° | 4080.2 | 3732.6 | 3322.9 | 2913.1 | 2828.3 | 2743.4 | 2537.6 | 2331.8 | 1615.6 | 899.5 | 580.8 |
| 72.5° | 3344.6 | 3159.4 | 2861.2 | 2563.0 | 2527.1 | 2491.1 | 2246.3 | 2001.6 | 1341.6 | 681.5 | 436.6 |
| 75° | 2472.1 | 2425.0 | 2331.9 | 2239.0 | 2215.0 | 2191.0 | 1915.0 | 1638.9 | 1071.2 | 503.5 | 323.6 |
| 77.5° | 1796.5 | 1799.8 | 1737.8 | 1675.9 | 1622.0 | 1568.2 | 1329.0 | 1090.0 | 702.8 | 315.6 | 209.2 |
| 80° | 1167.8 | 1120.5 | 1074.2 | 1027.7 | 1020.7 | 1013.7 | 826.7 | 639.7 | 402.9 | 166.1 | 115.6 |
| 82.5° | 627.0 | 613.8 | 585.4 | 556.9 | 541.1 | 525.3 | 422.5 | 319.9 | 201.9 | 84.1 | 62.2 |
| 85° | 234.1 | 237.5 | 207.6 | 177.8 | 151.9 | 126.1 | 99.4 | 72.7 | 48.0 | 23.4 | 19.7 |
| 87.5° | 7.1 | 6.7 | 6.6 | 6.5 | 6.4 | 6.2 | 6.0 | 5.8 | 5.7 | 5.4 | 5.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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REPORT NUMBER: P1364913
CATALOG NUMBER: GSS-SB1C-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 |
| 2.5° | 882.6 | 875.1 | 867.4 | 860.2 | 852.8 | 845.4 | 838.9 | 831.9 | 825.0 | 819.6 | 814.2 |
| 5° | 916.8 | 901.8 | 886.9 | 872.8 | 858.8 | 844.1 | 831.5 | 819.0 | 806.9 | 796.7 | 786.6 |
| 7.5° | 943.6 | 922.9 | 902.1 | 883.5 | 864.9 | 845.4 | 830.2 | 815.0 | 800.0 | 786.9 | 773.6 |
| 10° | 962.2 | 936.6 | 910.9 | 889.5 | 868.1 | 847.3 | 831.1 | 815.2 | 799.3 | 785.8 | 772.3 |
| 12.5° | 975.8 | 947.1 | 918.4 | 894.8 | 871.3 | 848.6 | 832.8 | 819.6 | 806.5 | 797.0 | 787.6 |
| 15° | 983.8 | 953.0 | 921.9 | 895.3 | 868.7 | 843.4 | 829.4 | 820.9 | 812.3 | 811.5 | 810.7 |
| 17.5° | 985.9 | 950.6 | 915.5 | 884.4 | 853.6 | 824.0 | 812.0 | 810.9 | 809.7 | 822.6 | 835.4 |
| 20° | 988.5 | 947.1 | 905.7 | 865.0 | 824.2 | 785.1 | 777.5 | 784.9 | 792.2 | 817.4 | 842.4 |
| 22.5° | 995.0 | 944.4 | 893.8 | 842.7 | 791.5 | 744.8 | 737.7 | 748.6 | 759.4 | 792.2 | 825.0 |
| 25° | 1008.5 | 944.1 | 879.8 | 816.1 | 752.4 | 698.8 | 698.1 | 709.9 | 721.7 | 752.1 | 782.5 |
| 27.5° | 1028.4 | 946.6 | 864.9 | 788.8 | 712.6 | 657.9 | 661.1 | 672.4 | 683.8 | 706.4 | 729.0 |
| 30° | 1051.7 | 951.9 | 852.3 | 765.1 | 678.0 | 624.8 | 628.3 | 637.1 | 645.9 | 662.3 | 678.6 |
| 32.5° | 1077.0 | 957.9 | 838.9 | 744.3 | 649.8 | 600.8 | 600.8 | 604.6 | 608.3 | 619.0 | 629.6 |
| 35° | 1096.2 | 956.5 | 816.8 | 720.7 | 624.4 | 586.5 | 578.5 | 575.4 | 572.2 | 579.3 | 586.3 |
| 37.5° | 1115.3 | 952.4 | 789.6 | 694.5 | 599.5 | 569.6 | 554.3 | 546.0 | 537.5 | 540.8 | 544.0 |
| 40° | 1131.5 | 943.4 | 755.2 | 663.2 | 571.2 | 547.6 | 528.4 | 515.9 | 503.5 | 503.2 | 502.8 |
| 42.5° | 1143.5 | 927.7 | 711.7 | 626.0 | 540.1 | 523.6 | 499.8 | 484.0 | 468.2 | 466.5 | 464.8 |
| 45° | 1166.8 | 916.9 | 667.0 | 588.1 | 509.3 | 494.4 | 470.8 | 454.4 | 438.3 | 435.7 | 433.1 |
| 47.5° | 1184.7 | 904.3 | 623.9 | 550.4 | 477.3 | 460.0 | 437.9 | 424.1 | 410.0 | 408.5 | 406.8 |
| 50° | 1182.4 | 882.9 | 583.3 | 517.0 | 450.5 | 426.9 | 405.1 | 393.7 | 382.1 | 384.1 | 386.0 |
| 52.5° | 1136.1 | 839.0 | 542.1 | 486.9 | 431.8 | 401.6 | 378.3 | 369.7 | 361.0 | 367.1 | 373.1 |
| 55° | 1057.8 | 780.9 | 503.7 | 461.7 | 419.4 | 389.3 | 361.8 | 352.2 | 342.6 | 351.1 | 359.7 |
| 57.5° | 970.6 | 720.0 | 469.5 | 440.4 | 411.3 | 386.0 | 352.3 | 338.8 | 325.4 | 334.0 | 342.6 |
| 60° | 847.3 | 643.1 | 438.9 | 418.5 | 398.1 | 378.3 | 344.5 | 327.6 | 310.8 | 316.5 | 322.1 |
| 62.5° | 692.7 | 545.5 | 398.4 | 386.9 | 375.7 | 367.2 | 335.0 | 313.0 | 290.9 | 291.7 | 292.2 |
| 65° | *506.3* | *428.7* | *351.0* | *348.5* | *346.2* | *343.9* | *317.3* | *293.5* | *269.9* | *267.3* | *264.7* |
| 67.5° | 364.6 | 327.8 | 290.9 | 297.8 | 304.7 | 308.2 | 290.0 | 269.1 | 248.1 | 242.8 | 237.5 |
| 70° | 262.1 | 249.1 | 236.2 | 246.4 | 256.7 | 255.6 | 246.8 | 234.3 | 221.9 | 218.5 | 215.1 |
| 72.5° | 191.8 | 191.5 | 191.4 | 199.2 | 207.0 | 196.6 | 202.2 | 199.3 | 196.6 | 194.1 | 191.8 |
| 75° | 143.8 | 142.9 | 142.1 | 151.3 | 160.6 | 164.8 | 168.4 | 166.9 | 165.4 | 163.6 | 161.9 |
| 77.5° | 102.8 | 103.5 | 104.1 | 114.2 | 124.3 | 136.2 | 136.9 | 133.5 | 130.0 | 128.2 | 126.1 |
| 80° | 65.1 | 65.9 | 66.4 | 77.1 | 87.6 | 104.5 | 103.8 | 99.7 | 95.4 | 93.9 | 92.4 |
| 82.5° | 40.2 | 40.4 | 40.5 | 45.7 | 50.9 | 60.3 | 62.9 | 62.9 | 62.9 | 62.0 | 61.0 |
| 85° | 16.2 | 17.0 | 17.9 | 21.3 | 24.7 | 29.8 | 31.4 | 31.7 | 31.8 | 30.4 | 28.8 |
| 87.5° | 5.2 | 5.4 | 5.8 | 6.5 | 7.1 | 7.8 | 9.1 | 9.9 | 10.6 | 11.4 | 11.9 |
| 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: P1364913
CATALOG NUMBER: GSS-SB1C-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 |
| 2.5° | 809.6 | 804.8 | 799.2 | 793.5 | 789.5 | 785.3 | 782.6 | 779.9 | 778.6 | 777.3 | 776.2 |
| 5° | 778.3 | 769.7 | 762.2 | 754.6 | 748.6 | 742.5 | 737.6 | 732.5 | 730.4 | 728.2 | 726.8 |
| 7.5° | 762.5 | 751.3 | 742.0 | 732.5 | 723.5 | 714.7 | 709.0 | 703.3 | 699.9 | 696.6 | 694.1 |
| 10° | 760.5 | 748.7 | 736.4 | 724.1 | 714.2 | 704.3 | 695.8 | 687.5 | 682.7 | 678.0 | 675.4 |
| 12.5° | 776.7 | 765.8 | 751.2 | 736.4 | 723.0 | 709.8 | 699.3 | 688.8 | 682.8 | 677.1 | 673.2 |
| 15° | 807.0 | 803.2 | 789.6 | 776.0 | 757.5 | 739.0 | 723.9 | 708.8 | 700.4 | 691.9 | 687.1 |
| 17.5° | 842.8 | 850.2 | 840.7 | 831.1 | 805.2 | 779.2 | 756.8 | 734.4 | 722.2 | 710.1 | 705.8 |
| 20° | 862.4 | 882.4 | 881.3 | 880.4 | 846.6 | 812.6 | 783.1 | 753.6 | 737.3 | 721.2 | 714.7 |
| 22.5° | 853.8 | 882.6 | 890.0 | 897.3 | 864.1 | 830.7 | 794.4 | 758.1 | 738.9 | 719.5 | 713.4 |
| 25° | 813.5 | 844.5 | 858.2 | 872.0 | 844.6 | 817.2 | 781.9 | 746.8 | 726.5 | 706.2 | 699.9 |
| 27.5° | 753.9 | 778.8 | 794.3 | 809.7 | 793.0 | 776.2 | 747.7 | 719.1 | 701.2 | 683.2 | 676.6 |
| 30° | 695.5 | 712.4 | 724.7 | 737.0 | 726.0 | 715.0 | 694.5 | 674.1 | 660.7 | 647.5 | 643.4 |
| 32.5° | 642.2 | 654.6 | 661.5 | 668.3 | 659.7 | 651.1 | 637.6 | 624.1 | 615.8 | 607.5 | 604.8 |
| 35° | 596.4 | 606.6 | 611.8 | 617.0 | 609.9 | 602.7 | 590.7 | 578.7 | 572.8 | 566.8 | 564.6 |
| 37.5° | 552.7 | 561.2 | 568.6 | 576.1 | 570.9 | 565.8 | 555.5 | 545.3 | 538.2 | 531.0 | 527.1 |
| 40° | 511.1 | 519.3 | 528.6 | 537.9 | 536.9 | 535.9 | 526.2 | 516.4 | 506.3 | 496.3 | 491.0 |
| 42.5° | 473.0 | 481.2 | 491.0 | 500.9 | 502.8 | 504.8 | 496.7 | 488.5 | 476.9 | 465.2 | 457.0 |
| 45° | 440.1 | 447.4 | 458.2 | 469.1 | 473.6 | 478.2 | 470.9 | 463.5 | 450.4 | 437.3 | 427.6 |
| 47.5° | 414.2 | 421.7 | 433.7 | 445.7 | 450.5 | 455.5 | 450.5 | 445.7 | 434.4 | 423.0 | 414.5 |
| 50° | 394.2 | 402.3 | 411.6 | 421.1 | 430.0 | 438.9 | 437.9 | 437.0 | 428.1 | 419.1 | 411.1 |
| 52.5° | 380.5 | 388.0 | 397.7 | 407.4 | 416.8 | 426.3 | 427.7 | 429.2 | 422.8 | 416.3 | 409.3 |
| 55° | 368.7 | 377.6 | 386.7 | 395.8 | 404.6 | 413.3 | 415.2 | 417.2 | 412.5 | 407.7 | 402.5 |
| 57.5° | 352.3 | 362.0 | 371.1 | 380.2 | 390.4 | 400.7 | 402.3 | 403.8 | 398.9 | 393.8 | 389.9 |
| 60° | 332.1 | 341.9 | 351.4 | 360.7 | 371.1 | 381.5 | 383.6 | 385.6 | 381.8 | 377.9 | 374.2 |
| 62.5° | 303.5 | 314.7 | 322.5 | 330.2 | 340.1 | 350.1 | 353.1 | 356.2 | 354.4 | 352.7 | 348.5 |
| 65° | *275.4* | *286.1* | *292.2* | *298.4* | *307.0* | *315.6* | *318.6* | *321.5* | *320.6* | *319.9* | *316.9* |
| 67.5° | 247.3 | 257.2 | 262.2 | 267.3 | 273.1 | 279.0 | 282.4 | 285.7 | 284.0 | 282.2 | 279.1 |
| 70° | 223.2 | 231.2 | 235.6 | 240.1 | 244.7 | 249.4 | 251.2 | 253.0 | 250.4 | 247.8 | 240.8 |
| 72.5° | 197.9 | 204.0 | 207.7 | 211.5 | 215.9 | 220.3 | 221.4 | 222.5 | 218.5 | 214.4 | 206.2 |
| 75° | 166.6 | 171.3 | 174.1 | 177.1 | 181.7 | 186.2 | 188.2 | 190.1 | 184.4 | 178.8 | 170.1 |
| 77.5° | 130.4 | 134.7 | 137.4 | 140.1 | 143.9 | 147.7 | 148.2 | 149.0 | 144.0 | 139.1 | 133.9 |
| 80° | 95.5 | 98.6 | 99.7 | 100.6 | 103.7 | 106.7 | 106.7 | 106.7 | 103.0 | 99.3 | 96.7 |
| 82.5° | 60.3 | 59.7 | 58.4 | 57.1 | 60.2 | 63.3 | 64.4 | 65.5 | 63.8 | 62.3 | 59.4 |
| 85° | 27.0 | 24.9 | 24.5 | 24.0 | 23.9 | 23.6 | 24.5 | 25.3 | 24.9 | 24.7 | 23.6 |
| 87.5° | 12.7 | 13.2 | 12.8 | 12.3 | 11.8 | 11.4 | 10.4 | 9.3 | 8.6 | 7.8 | 7.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364913
CATALOG NUMBER: GSS-SB1C-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 |
| 2.5° | 775.3 | 774.7 | 775.3 | 776.2 | 777.3 | 778.6 | 779.9 | 782.6 | 785.3 | 789.5 | 793.5 |
| 5° | 725.4 | 724.1 | 725.4 | 726.8 | 728.2 | 730.4 | 732.5 | 737.6 | 742.5 | 748.6 | 754.6 |
| 7.5° | 691.6 | 690.3 | 691.6 | 694.1 | 696.6 | 699.9 | 703.3 | 709.0 | 714.7 | 723.5 | 732.5 |
| 10° | 672.8 | 670.9 | 672.8 | 675.4 | 678.0 | 682.7 | 687.5 | 695.8 | 704.3 | 714.2 | 724.1 |
| 12.5° | 669.3 | 667.0 | 669.3 | 673.2 | 677.1 | 682.8 | 688.8 | 699.3 | 709.8 | 723.0 | 736.4 |
| 15° | 682.3 | 678.6 | 682.3 | 687.1 | 691.9 | 700.4 | 708.8 | 723.9 | 739.0 | 757.5 | 776.0 |
| 17.5° | 701.4 | 699.4 | 701.4 | 705.8 | 710.1 | 722.2 | 734.4 | 756.8 | 779.2 | 805.2 | 831.1 |
| 20° | 708.2 | 705.9 | 708.2 | 714.7 | 721.2 | 737.3 | 753.6 | 783.1 | 812.6 | 846.6 | 880.4 |
| 22.5° | 707.2 | 704.6 | 707.2 | 713.4 | 719.5 | 738.9 | 758.1 | 794.4 | 830.7 | 864.1 | 897.3 |
| 25° | 693.6 | 691.6 | 693.6 | 699.9 | 706.2 | 726.5 | 746.8 | 781.9 | 817.2 | 844.6 | 872.0 |
| 27.5° | 669.8 | 665.7 | 669.8 | 676.6 | 683.2 | 701.2 | 719.1 | 747.7 | 776.2 | 793.0 | 809.7 |
| 30° | 639.1 | 637.1 | 639.1 | 643.4 | 647.5 | 660.7 | 674.1 | 694.5 | 715.0 | 726.0 | 737.0 |
| 32.5° | 602.1 | 600.8 | 602.1 | 604.8 | 607.5 | 615.8 | 624.1 | 637.6 | 651.1 | 659.7 | 668.3 |
| 35° | 562.5 | 560.6 | 562.5 | 564.6 | 566.8 | 572.8 | 578.7 | 590.7 | 602.7 | 609.9 | 617.0 |
| 37.5° | 523.2 | 520.3 | 523.2 | 527.1 | 531.0 | 538.2 | 545.3 | 555.5 | 565.8 | 570.9 | 576.1 |
| 40° | 485.6 | 482.7 | 485.6 | 491.0 | 496.3 | 506.3 | 516.4 | 526.2 | 535.9 | 536.9 | 537.9 |
| 42.5° | 449.0 | 443.8 | 449.0 | 457.0 | 465.2 | 476.9 | 488.5 | 496.7 | 504.8 | 502.8 | 500.9 |
| 45° | 417.8 | 411.3 | 417.8 | 427.6 | 437.3 | 450.4 | 463.5 | 470.9 | 478.2 | 473.6 | 469.1 |
| 47.5° | 405.9 | 399.7 | 405.9 | 414.5 | 423.0 | 434.4 | 445.7 | 450.5 | 455.5 | 450.5 | 445.7 |
| 50° | 402.9 | 397.1 | 402.9 | 411.1 | 419.1 | 428.1 | 437.0 | 437.9 | 438.9 | 430.0 | 421.1 |
| 52.5° | 402.3 | 397.1 | 402.3 | 409.3 | 416.3 | 422.8 | 429.2 | 427.7 | 426.3 | 416.8 | 407.4 |
| 55° | 397.3 | 393.2 | 397.3 | 402.5 | 407.7 | 412.5 | 417.2 | 415.2 | 413.3 | 404.6 | 395.8 |
| 57.5° | 386.0 | 384.1 | 386.0 | 389.9 | 393.8 | 398.9 | 403.8 | 402.3 | 400.7 | 390.4 | 380.2 |
| 60° | 370.5 | 367.2 | 370.5 | 374.2 | 377.9 | 381.8 | 385.6 | 383.6 | 381.5 | 371.1 | 360.7 |
| 62.5° | 344.5 | 340.0 | 344.5 | 348.5 | 352.7 | 354.4 | 356.2 | 353.1 | 350.1 | 340.1 | 330.2 |
| 65° | *314.0* | *308.8* | *314.0* | *316.9* | *319.9* | *320.6* | *321.5* | *318.6* | *315.6* | *307.0* | *298.4* |
| 67.5° | 276.1 | 275.1 | 276.1 | 279.1 | 282.2 | 284.0 | 285.7 | 282.4 | 279.0 | 273.1 | 267.3 |
| 70° | 233.8 | 225.8 | 233.8 | 240.8 | 247.8 | 250.4 | 253.0 | 251.2 | 249.4 | 244.7 | 240.1 |
| 72.5° | 197.9 | 189.5 | 197.9 | 206.2 | 214.4 | 218.5 | 222.5 | 221.4 | 220.3 | 215.9 | 211.5 |
| 75° | 161.6 | 155.7 | 161.6 | 170.1 | 178.8 | 184.4 | 190.1 | 188.2 | 186.2 | 181.7 | 177.1 |
| 77.5° | 128.7 | 125.9 | 128.7 | 133.9 | 139.1 | 144.0 | 149.0 | 148.2 | 147.7 | 143.9 | 140.1 |
| 80° | 94.1 | 92.1 | 94.1 | 96.7 | 99.3 | 103.0 | 106.7 | 106.7 | 106.7 | 103.7 | 100.6 |
| 82.5° | 56.4 | 54.5 | 56.4 | 59.4 | 62.3 | 63.8 | 65.5 | 64.4 | 63.3 | 60.2 | 57.1 |
| 85° | 22.7 | 22.1 | 22.7 | 23.6 | 24.7 | 24.9 | 25.3 | 24.5 | 23.6 | 23.9 | 24.0 |
| 87.5° | 6.7 | 6.5 | 6.7 | 7.3 | 7.8 | 8.6 | 9.3 | 10.4 | 11.4 | 11.8 | 12.3 |
| 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: P1364913
CATALOG NUMBER: GSS-SB1C-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 |
| 2.5° | 799.2 | 804.8 | 809.6 | 814.2 | 819.6 | 825.0 | 831.9 | 838.9 | 845.4 | 852.8 | 860.2 |
| 5° | 762.2 | 769.7 | 778.3 | 786.6 | 796.7 | 806.9 | 819.0 | 831.5 | 844.1 | 858.8 | 872.8 |
| 7.5° | 742.0 | 751.3 | 762.5 | 773.6 | 786.9 | 800.0 | 815.0 | 830.2 | 845.4 | 864.9 | 883.5 |
| 10° | 736.4 | 748.7 | 760.5 | 772.3 | 785.8 | 799.3 | 815.2 | 831.1 | 847.3 | 868.1 | 889.5 |
| 12.5° | 751.2 | 765.8 | 776.7 | 787.6 | 797.0 | 806.5 | 819.6 | 832.8 | 848.6 | 871.3 | 894.8 |
| 15° | 789.6 | 803.2 | 807.0 | 810.7 | 811.5 | 812.3 | 820.9 | 829.4 | 843.4 | 868.7 | 895.3 |
| 17.5° | 840.7 | 850.2 | 842.8 | 835.4 | 822.6 | 809.7 | 810.9 | 812.0 | 824.0 | 853.6 | 884.4 |
| 20° | 881.3 | 882.4 | 862.4 | 842.4 | 817.4 | 792.2 | 784.9 | 777.5 | 785.1 | 824.2 | 865.0 |
| 22.5° | 890.0 | 882.6 | 853.8 | 825.0 | 792.2 | 759.4 | 748.6 | 737.7 | 744.8 | 791.5 | 842.7 |
| 25° | 858.2 | 844.5 | 813.5 | 782.5 | 752.1 | 721.7 | 709.9 | 698.1 | 698.8 | 752.4 | 816.1 |
| 27.5° | 794.3 | 778.8 | 753.9 | 729.0 | 706.4 | 683.8 | 672.4 | 661.1 | 657.9 | 712.6 | 788.8 |
| 30° | 724.7 | 712.4 | 695.5 | 678.6 | 662.3 | 645.9 | 637.1 | 628.3 | 624.8 | 678.0 | 765.1 |
| 32.5° | 661.5 | 654.6 | 642.2 | 629.6 | 619.0 | 608.3 | 604.6 | 600.8 | 600.8 | 649.8 | 744.3 |
| 35° | 611.8 | 606.6 | 596.4 | 586.3 | 579.3 | 572.2 | 575.4 | 578.5 | 586.5 | 624.4 | 720.7 |
| 37.5° | 568.6 | 561.2 | 552.7 | 544.0 | 540.8 | 537.5 | 546.0 | 554.3 | 569.6 | 599.5 | 694.5 |
| 40° | 528.6 | 519.3 | 511.1 | 502.8 | 503.2 | 503.5 | 515.9 | 528.4 | 547.6 | 571.2 | 663.2 |
| 42.5° | 491.0 | 481.2 | 473.0 | 464.8 | 466.5 | 468.2 | 484.0 | 499.8 | 523.6 | 540.1 | 626.0 |
| 45° | 458.2 | 447.4 | 440.1 | 433.1 | 435.7 | 438.3 | 454.4 | 470.8 | 494.4 | 509.3 | 588.1 |
| 47.5° | 433.7 | 421.7 | 414.2 | 406.8 | 408.5 | 410.0 | 424.1 | 437.9 | 460.0 | 477.3 | 550.4 |
| 50° | 411.6 | 402.3 | 394.2 | 386.0 | 384.1 | 382.1 | 393.7 | 405.1 | 426.9 | 450.5 | 517.0 |
| 52.5° | 397.7 | 388.0 | 380.5 | 373.1 | 367.1 | 361.0 | 369.7 | 378.3 | 401.6 | 431.8 | 486.9 |
| 55° | 386.7 | 377.6 | 368.7 | 359.7 | 351.1 | 342.6 | 352.2 | 361.8 | 389.3 | 419.4 | 461.7 |
| 57.5° | 371.1 | 362.0 | 352.3 | 342.6 | 334.0 | 325.4 | 338.8 | 352.3 | 386.0 | 411.3 | 440.4 |
| 60° | 351.4 | 341.9 | 332.1 | 322.1 | 316.5 | 310.8 | 327.6 | 344.5 | 378.3 | 398.1 | 418.5 |
| 62.5° | 322.5 | 314.7 | 303.5 | 292.2 | 291.7 | 290.9 | 313.0 | 335.0 | 367.2 | 375.7 | 386.9 |
| 65° | *292.2* | *286.1* | *275.4* | *264.7* | *267.3* | *269.9* | *293.5* | *317.3* | *343.9* | *346.2* | *348.5* |
| 67.5° | 262.2 | 257.2 | 247.3 | 237.5 | 242.8 | 248.1 | 269.1 | 290.0 | 308.2 | 304.7 | 297.8 |
| 70° | 235.6 | 231.2 | 223.2 | 215.1 | 218.5 | 221.9 | 234.3 | 246.8 | 255.6 | 256.7 | 246.4 |
| 72.5° | 207.7 | 204.0 | 197.9 | 191.8 | 194.1 | 196.6 | 199.3 | 202.2 | 196.6 | 207.0 | 199.2 |
| 75° | 174.1 | 171.3 | 166.6 | 161.9 | 163.6 | 165.4 | 166.9 | 168.4 | 164.8 | 160.6 | 151.3 |
| 77.5° | 137.4 | 134.7 | 130.4 | 126.1 | 128.2 | 130.0 | 133.5 | 136.9 | 136.2 | 124.3 | 114.2 |
| 80° | 99.7 | 98.6 | 95.5 | 92.4 | 93.9 | 95.4 | 99.7 | 103.8 | 104.5 | 87.6 | 77.1 |
| 82.5° | 58.4 | 59.7 | 60.3 | 61.0 | 62.0 | 62.9 | 62.9 | 62.9 | 60.3 | 50.9 | 45.7 |
| 85° | 24.5 | 24.9 | 27.0 | 28.8 | 30.4 | 31.8 | 31.7 | 31.4 | 29.8 | 24.7 | 21.3 |
| 87.5° | 12.8 | 13.2 | 12.7 | 11.9 | 11.4 | 10.6 | 9.9 | 9.1 | 7.8 | 7.1 | 6.5 |
| 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: P1364913
CATALOG NUMBER: GSS-SB1C-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 |
| 2.5° | 867.4 | 875.1 | 882.6 | 890.2 | 897.7 | 905.9 | 914.2 |
| 5° | 886.9 | 901.8 | 916.8 | 931.9 | 947.3 | 961.8 | 976.4 |
| 7.5° | 902.1 | 922.9 | 943.6 | 966.8 | 990.1 | 1014.7 | 1039.4 |
| 10° | 910.9 | 936.6 | 962.2 | 991.1 | 1019.9 | 1049.5 | 1079.0 |
| 12.5° | 918.4 | 947.1 | 975.8 | 1008.1 | 1040.4 | 1069.7 | 1099.1 |
| 15° | 921.9 | 953.0 | 983.8 | 1016.7 | 1049.5 | 1079.1 | 1108.8 |
| 17.5° | 915.5 | 950.6 | 985.9 | 1021.0 | 1056.0 | 1083.6 | 1111.4 |
| 20° | 905.7 | 947.1 | 988.5 | 1026.1 | 1063.8 | 1091.8 | 1119.8 |
| 22.5° | 893.8 | 944.4 | 995.0 | 1036.3 | 1077.7 | 1103.2 | 1128.9 |
| 25° | 879.8 | 944.1 | 1008.5 | 1053.7 | 1098.8 | 1121.0 | 1143.2 |
| 27.5° | 864.9 | 946.6 | 1028.4 | 1079.1 | 1130.0 | 1147.0 | 1164.0 |
| 30° | 852.3 | 951.9 | 1051.7 | 1109.2 | 1166.5 | 1179.8 | 1193.1 |
| 32.5° | 838.9 | 957.9 | 1077.0 | 1144.6 | 1212.2 | 1220.5 | 1228.8 |
| 35° | 816.8 | 956.5 | 1096.2 | 1182.2 | 1268.4 | 1278.8 | 1289.2 |
| 37.5° | 789.6 | 952.4 | 1115.3 | 1228.2 | 1341.1 | 1353.4 | 1365.7 |
| 40° | 755.2 | 943.4 | 1131.5 | 1280.7 | 1430.0 | 1454.4 | 1478.6 |
| 42.5° | 711.7 | 927.7 | 1143.5 | 1338.9 | 1534.0 | 1585.5 | 1636.9 |
| 45° | 667.0 | 916.9 | 1166.8 | 1417.8 | 1668.7 | 1751.1 | 1833.5 |
| 47.5° | 623.9 | 904.3 | 1184.7 | 1498.9 | 1813.0 | 1917.3 | 2021.7 |
| 50° | 583.3 | 882.9 | 1182.4 | 1569.6 | 1956.8 | 2098.2 | 2239.7 |
| 52.5° | 542.1 | 839.0 | 1136.1 | 1603.1 | 2069.9 | 2294.7 | 2519.3 |
| 55° | 503.7 | 780.9 | 1057.8 | 1594.2 | 2130.7 | 2492.1 | 2853.4 |
| 57.5° | 469.5 | 720.0 | 970.6 | 1546.1 | 2121.6 | 2657.8 | 3194.1 |
| 60° | 438.9 | 643.1 | 847.3 | 1430.7 | 2014.1 | 2732.0 | 3449.7 |
| 62.5° | 398.4 | 545.5 | 692.7 | 1241.7 | 1790.7 | 2567.3 | 3343.9 |
| 65° | *351.0* | *428.7* | *506.3* | *974.0* | *1441.6* | *2214.4* | *2987.1* |
| 67.5° | 290.9 | 327.8 | 364.6 | 757.9 | 1151.2 | 1901.8 | 2652.3 |
| 70° | 236.2 | 249.1 | 262.1 | 580.8 | 899.5 | 1615.6 | 2331.8 |
| 72.5° | 191.4 | 191.5 | 191.8 | 436.6 | 681.5 | 1341.6 | 2001.6 |
| 75° | 142.1 | 142.9 | 143.8 | 323.6 | 503.5 | 1071.2 | 1638.9 |
| 77.5° | 104.1 | 103.5 | 102.8 | 209.2 | 315.6 | 702.8 | 1090.0 |
| 80° | 66.4 | 65.9 | 65.1 | 115.6 | 166.1 | 402.9 | 639.7 |
| 82.5° | 40.5 | 40.4 | 40.2 | 62.2 | 84.1 | 201.9 | 319.9 |
| 85° | 17.9 | 17.0 | 16.2 | 19.7 | 23.4 | 48.0 | 72.7 |
| 87.5° | 5.8 | 5.4 | 5.2 | 5.3 | 5.4 | 5.7 | 5.8 |
| 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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

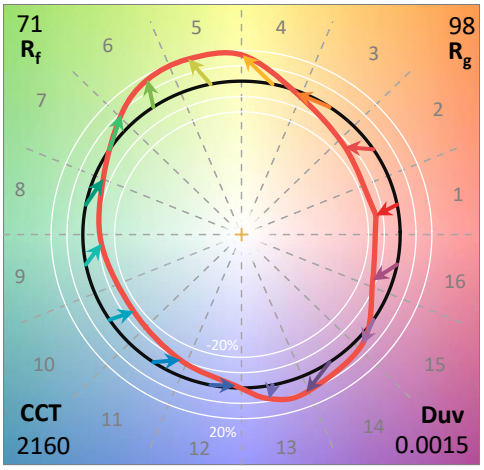
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-2 |
| 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-722-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 2160 |
| CIE u': | 0.2927 |
| CIE v': | 0.5388 |
| Duv: | 0.0015 |
| CIE x: | 0.5130 |
| CIE y: | 0.4197 |
| CIE z: | 0.0674 |
| Peak Wavelength (nm): | 609 |
| Dominant Wavelength (nm): | 587 |
| Purity: | 79.96089 |
| Rf: | 70.6 |
| Rg: | 97.6 |

| | |
|---|---|
| CRI (Ra): | 71.9 |
| R1: | 68.7 |
| R2: | 82.6 |
| R3: | 95.5 |
| R4: | 66.4 |
| R5: | 65.4 |
| R6: | 75.9 |
| R7: | 77.2 |
| R8: | 43.5 |
| R9: | -17.8 |
| R10: | 60.5 |
| R11: | 60.2 |
| R12: | 48.2 |
| R13: | 70.7 |
| R14: | 96.8 |
| R15: | 61.8 |




## Test Conditions

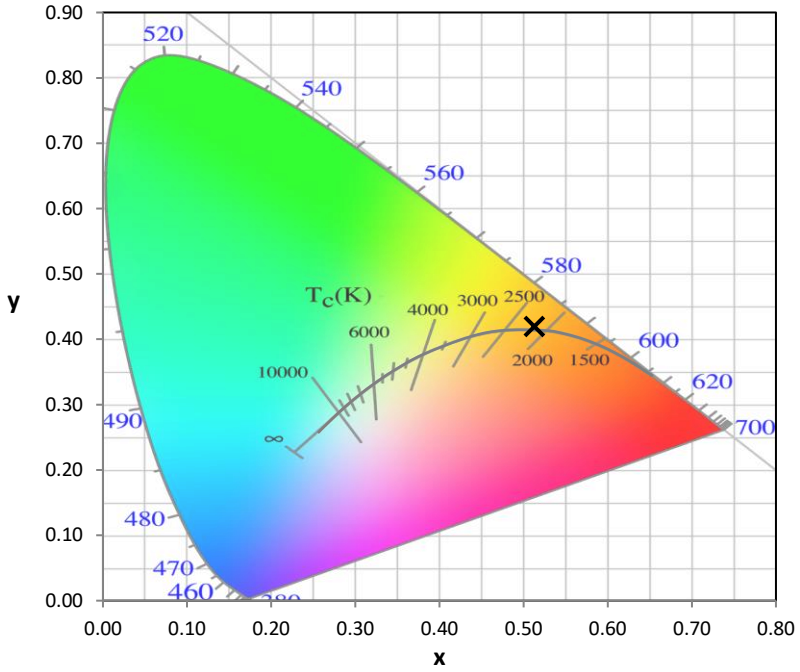
| | |
|---|---|
| Stabilization Time: | 21M |
| Operation Time: | 1H 21M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-2

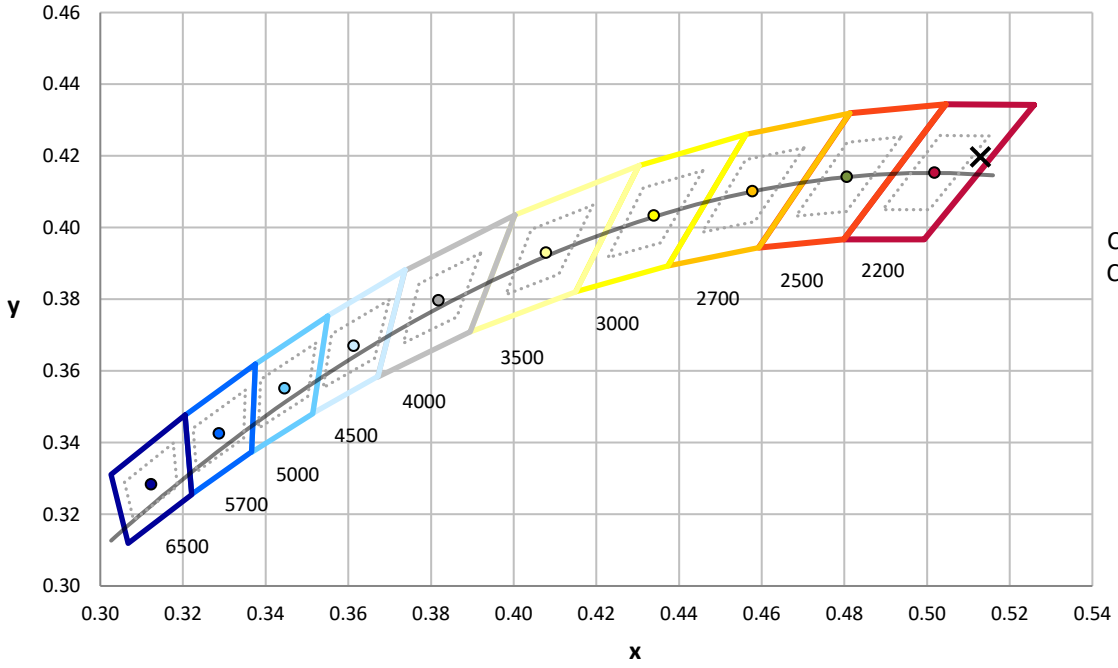
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC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

## CIE 1931 Chromaticity Diagram




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

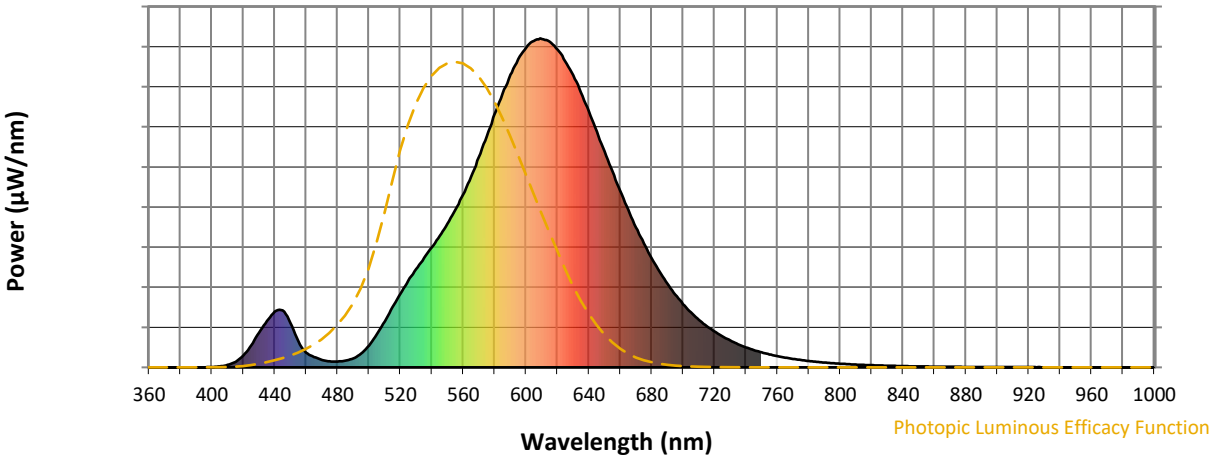



CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

## Photopic Flux vs. Wavelength

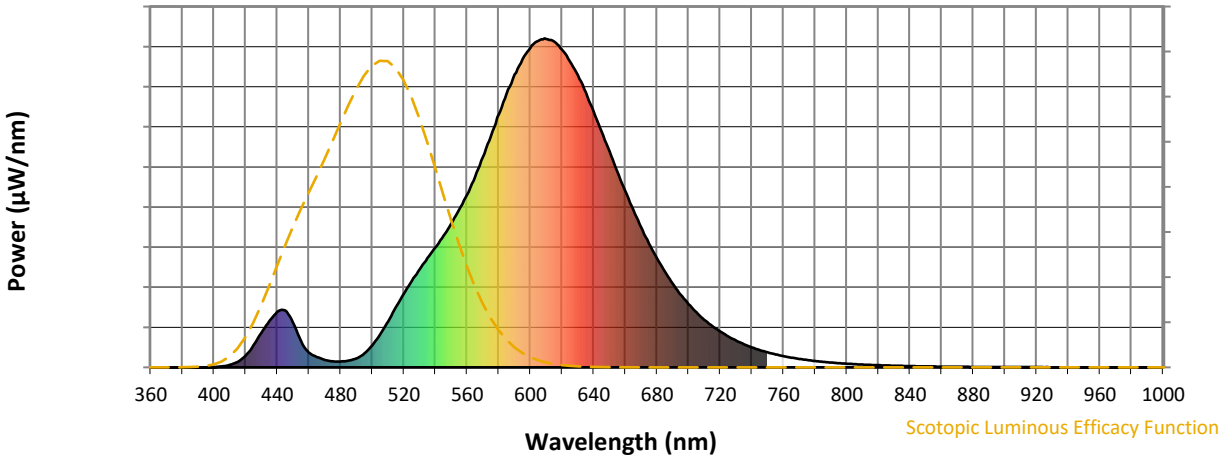



## Photopic Lumens: NR

| 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 | 27 | NR | 620 | 966 | NR | 750 | 46 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 42 | NR | 625 | 930 | NR | 755 | 39 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 67 | NR | 630 | 888 | NR | 760 | 34 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 101 | NR | 635 | 835 | NR | 765 | 30 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 139 | NR | 640 | 778 | NR | 770 | 26 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 183 | NR | 645 | 717 | NR | 775 | 22 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 224 | NR | 650 | 656 | NR | 780 | 19 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 262 | NR | 655 | 595 | NR | 785 | 17 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 299 | NR | 660 | 536 | NR | 790 | 15 | NR | 920 | 1 | NR |
| 405 | 3 | NR | 535 | 332 | NR | 665 | 480 | NR | 795 | 13 | NR | 925 | 1 | NR |
| 410 | 7 | NR | 540 | 365 | NR | 670 | 425 | NR | 800 | 11 | NR | 930 | 1 | NR |
| 415 | 17 | NR | 545 | 400 | NR | 675 | 376 | NR | 805 | 10 | NR | 935 | 0 | NR |
| 420 | 36 | NR | 550 | 437 | NR | 680 | 332 | NR | 810 | 8 | NR | 940 | 0 | NR |
| 425 | 67 | NR | 555 | 479 | NR | 685 | 291 | NR | 815 | 8 | NR | 945 | 0 | NR |
| 430 | 105 | NR | 560 | 525 | NR | 690 | 255 | NR | 820 | 7 | NR | 950 | 0 | NR |
| 435 | 141 | NR | 565 | 579 | NR | 695 | 221 | NR | 825 | 6 | NR | 955 | 0 | NR |
| 440 | 169 | NR | 570 | 639 | NR | 700 | 192 | NR | 830 | 5 | NR | 960 | 0 | NR |
| 445 | 173 | NR | 575 | 703 | NR | 705 | 167 | NR | 835 | 4 | NR | 965 | 0 | NR |
| 450 | 136 | NR | 580 | 769 | NR | 710 | 144 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 80 | NR | 585 | 832 | NR | 715 | 125 | NR | 845 | 3 | NR | 975 | 0 | NR |
| 460 | 45 | NR | 590 | 890 | NR | 720 | 109 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 32 | NR | 595 | 937 | NR | 725 | 94 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 23 | NR | 600 | 972 | NR | 730 | 81 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 18 | NR | 605 | 992 | NR | 735 | 70 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 18 | NR | 610 | 998 | NR | 740 | 61 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 20 | NR | 615 | 990 | NR | 745 | 53 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2407-184-2

## Scotopic Flux vs. Wavelength

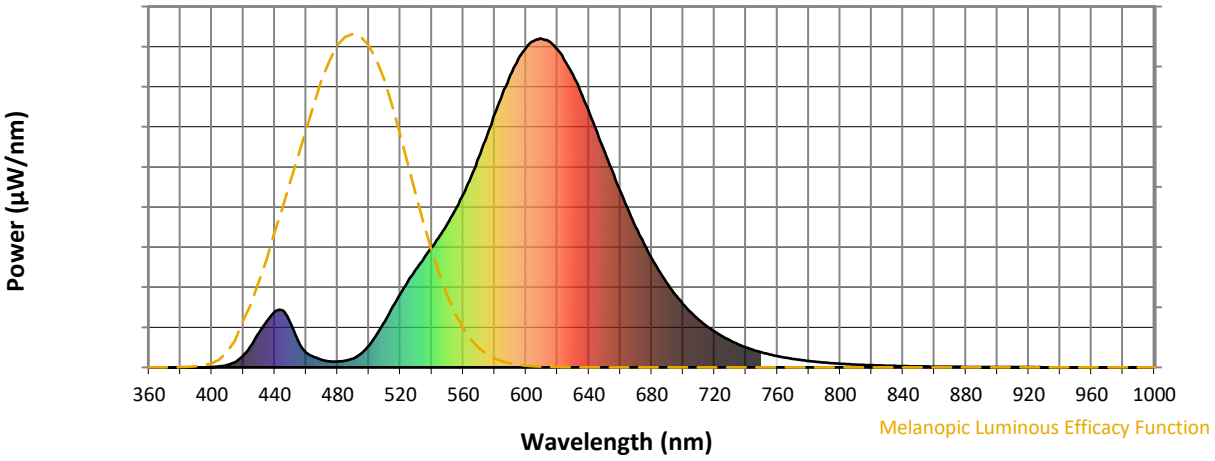



**Scotopic Lumens: NR** **S/P: 0.8**

| 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 | 27 | NR | 620 | 966 | NR | 750 | 46 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 42 | NR | 625 | 930 | NR | 755 | 39 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 67 | NR | 630 | 888 | NR | 760 | 34 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 101 | NR | 635 | 835 | NR | 765 | 30 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 139 | NR | 640 | 778 | NR | 770 | 26 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 183 | NR | 645 | 717 | NR | 775 | 22 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 224 | NR | 650 | 656 | NR | 780 | 19 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 262 | NR | 655 | 595 | NR | 785 | 17 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 299 | NR | 660 | 536 | NR | 790 | 15 | NR | 920 | 1 | NR |
| 405 | 3 | NR | 535 | 332 | NR | 665 | 480 | NR | 795 | 13 | NR | 925 | 1 | NR |
| 410 | 7 | NR | 540 | 365 | NR | 670 | 425 | NR | 800 | 11 | NR | 930 | 1 | NR |
| 415 | 17 | NR | 545 | 400 | NR | 675 | 376 | NR | 805 | 10 | NR | 935 | 0 | NR |
| 420 | 36 | NR | 550 | 437 | NR | 680 | 332 | NR | 810 | 8 | NR | 940 | 0 | NR |
| 425 | 67 | NR | 555 | 479 | NR | 685 | 291 | NR | 815 | 8 | NR | 945 | 0 | NR |
| 430 | 105 | NR | 560 | 525 | NR | 690 | 255 | NR | 820 | 7 | NR | 950 | 0 | NR |
| 435 | 141 | NR | 565 | 579 | NR | 695 | 221 | NR | 825 | 6 | NR | 955 | 0 | NR |
| 440 | 169 | NR | 570 | 639 | NR | 700 | 192 | NR | 830 | 5 | NR | 960 | 0 | NR |
| 445 | 173 | NR | 575 | 703 | NR | 705 | 167 | NR | 835 | 4 | NR | 965 | 0 | NR |
| 450 | 136 | NR | 580 | 769 | NR | 710 | 144 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 80 | NR | 585 | 832 | NR | 715 | 125 | NR | 845 | 3 | NR | 975 | 0 | NR |
| 460 | 45 | NR | 590 | 890 | NR | 720 | 109 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 32 | NR | 595 | 937 | NR | 725 | 94 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 23 | NR | 600 | 972 | NR | 730 | 81 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 18 | NR | 605 | 992 | NR | 735 | 70 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 18 | NR | 610 | 998 | NR | 740 | 61 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 20 | NR | 615 | 990 | NR | 745 | 53 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2407-184-2

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 1.21**

| 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 | 27 | NR | 620 | 966 | NR | 750 | 46 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 42 | NR | 625 | 930 | NR | 755 | 39 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 67 | NR | 630 | 888 | NR | 760 | 34 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 101 | NR | 635 | 835 | NR | 765 | 30 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 139 | NR | 640 | 778 | NR | 770 | 26 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 183 | NR | 645 | 717 | NR | 775 | 22 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 224 | NR | 650 | 656 | NR | 780 | 19 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 262 | NR | 655 | 595 | NR | 785 | 17 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 299 | NR | 660 | 536 | NR | 790 | 15 | NR | 920 | 1 | NR |
| 405 | 3 | NR | 535 | 332 | NR | 665 | 480 | NR | 795 | 13 | NR | 925 | 1 | NR |
| 410 | 7 | NR | 540 | 365 | NR | 670 | 425 | NR | 800 | 11 | NR | 930 | 1 | NR |
| 415 | 17 | NR | 545 | 400 | NR | 675 | 376 | NR | 805 | 10 | NR | 935 | 0 | NR |
| 420 | 36 | NR | 550 | 437 | NR | 680 | 332 | NR | 810 | 8 | NR | 940 | 0 | NR |
| 425 | 67 | NR | 555 | 479 | NR | 685 | 291 | NR | 815 | 8 | NR | 945 | 0 | NR |
| 430 | 105 | NR | 560 | 525 | NR | 690 | 255 | NR | 820 | 7 | NR | 950 | 0 | NR |
| 435 | 141 | NR | 565 | 579 | NR | 695 | 221 | NR | 825 | 6 | NR | 955 | 0 | NR |
| 440 | 169 | NR | 570 | 639 | NR | 700 | 192 | NR | 830 | 5 | NR | 960 | 0 | NR |
| 445 | 173 | NR | 575 | 703 | NR | 705 | 167 | NR | 835 | 4 | NR | 965 | 0 | NR |
| 450 | 136 | NR | 580 | 769 | NR | 710 | 144 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 80 | NR | 585 | 832 | NR | 715 | 125 | NR | 845 | 3 | NR | 975 | 0 | NR |
| 460 | 45 | NR | 590 | 890 | NR | 720 | 109 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 32 | NR | 595 | 937 | NR | 725 | 94 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 23 | NR | 600 | 972 | NR | 730 | 81 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 18 | NR | 605 | 992 | NR | 735 | 70 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 18 | NR | 610 | 998 | NR | 740 | 61 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 20 | NR | 615 | 990 | NR | 745 | 53 | NR | 875 | 2 | NR | | | |

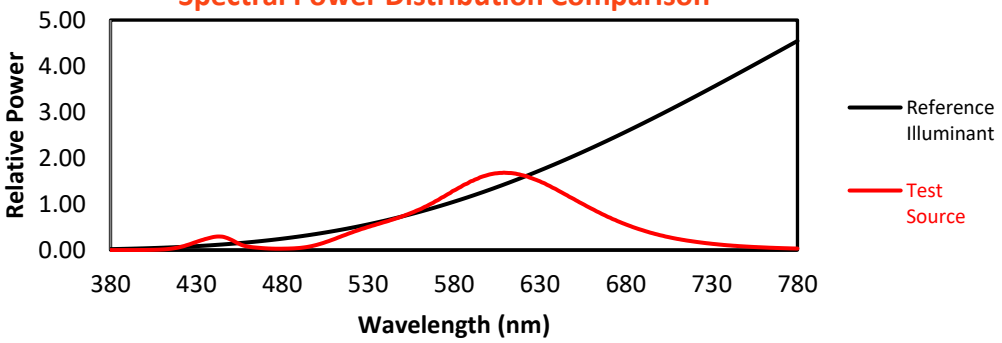
REPORT NUMBER: SP1-2407-184-2

# TM-30-18

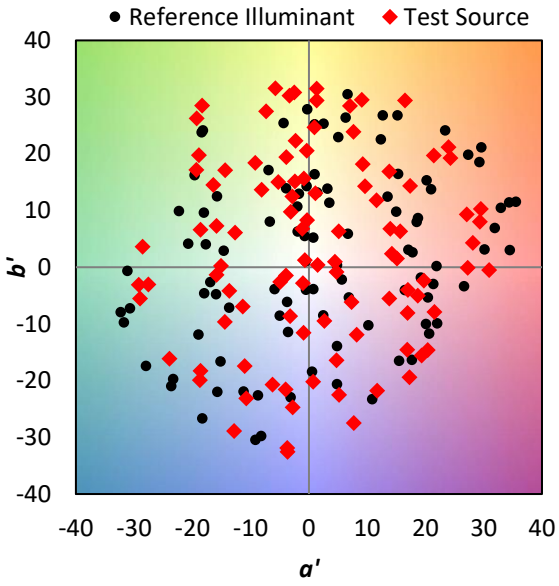
## Summary

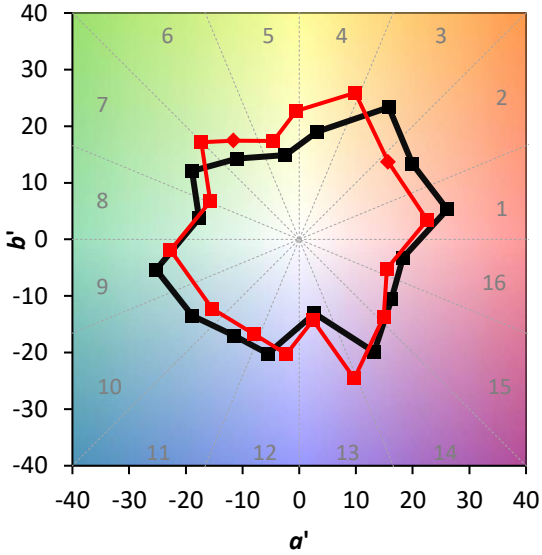
$R_f$ = 70.6
$R_g$ = 97.6
CIE $R_a$ = 71.9
$R_9$ = -17.8

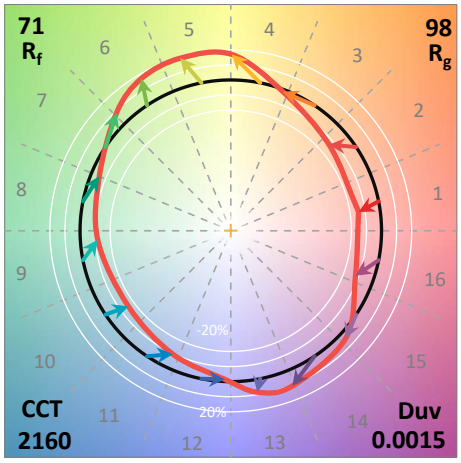
## Spectral Power Distribution Comparison

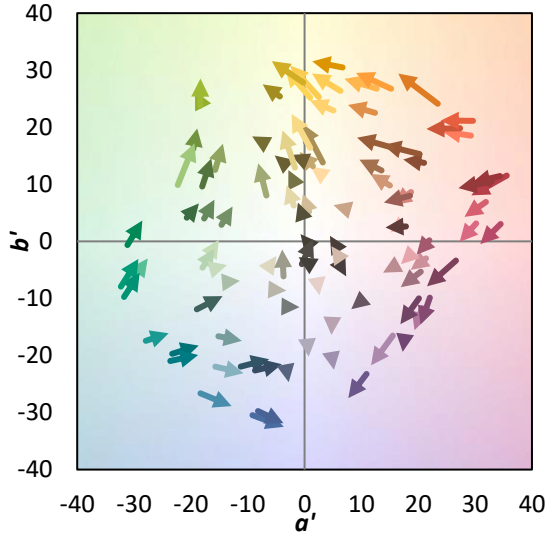



## Color Vector Graphics



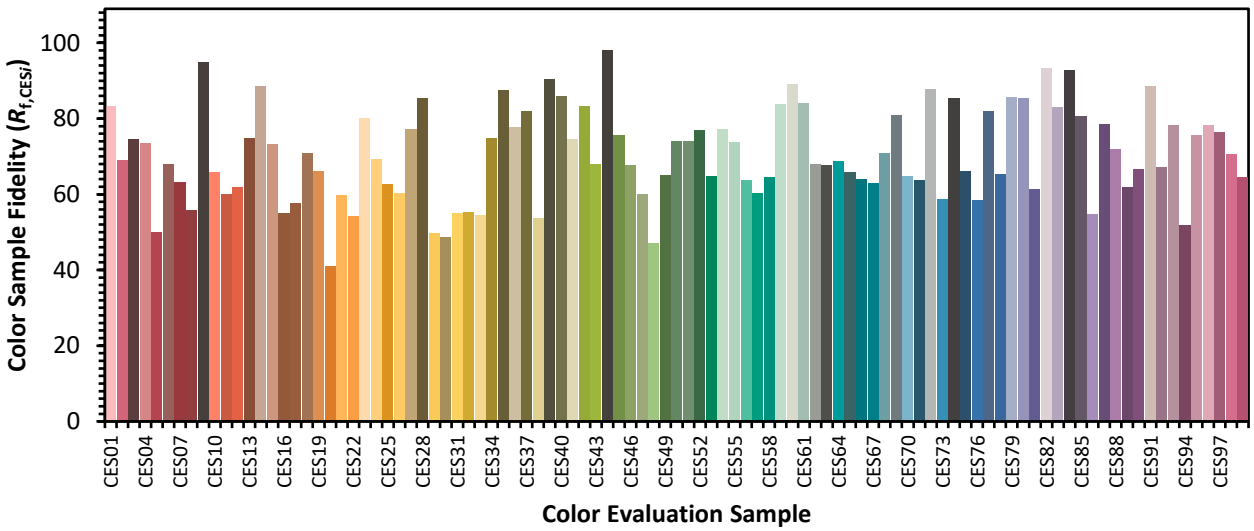



REPORT NUMBER: SP1-2407-184-2

# TM-30-18

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

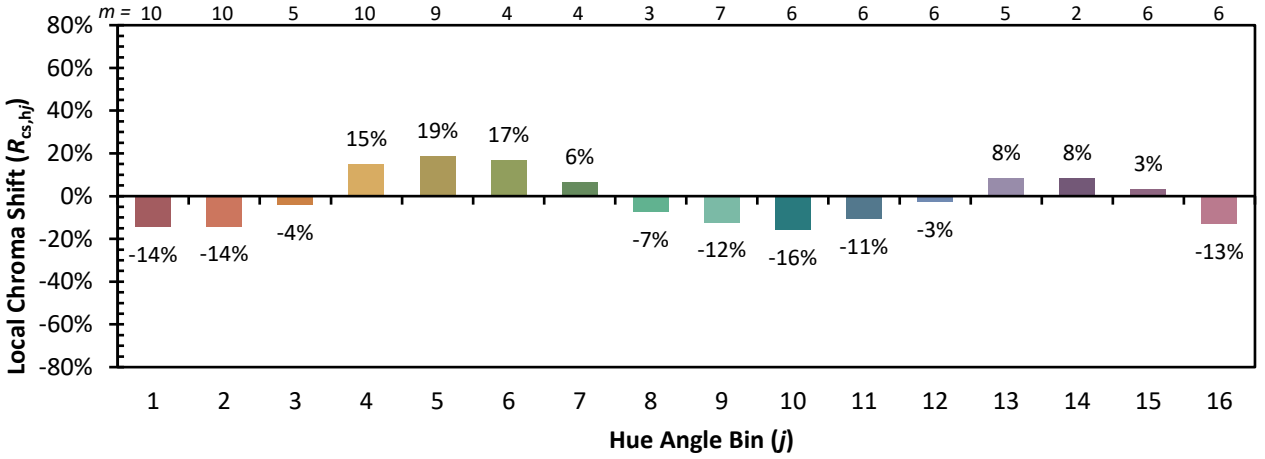
| | | | |
|---|---|---|---|
| CES01 = 87 | CES26 = 60 | CES51 = 74 | CES76 = 58 |
| CES02 = 65 | CES27 = 77 | CES52 = 77 | CES77 = 82 |
| CES03 = 32 | CES28 = 85 | CES53 = 65 | CES78 = 65 |
| CES04 = 72 | CES29 = 50 | CES54 = 77 | CES79 = 86 |
| CES05 = 52 | CES30 = 49 | CES55 = 74 | CES80 = 85 |
| CES06 = 53 | CES31 = 55 | CES56 = 64 | CES81 = 61 |
| CES07 = 44 | CES32 = 55 | CES57 = 60 | CES82 = 93 |
| CES08 = 43 | CES33 = 55 | CES58 = 64 | CES83 = 83 |
| CES09 = 29 | CES34 = 75 | CES59 = 84 | CES84 = 93 |
| CES10 = 79 | CES35 = 88 | CES60 = 89 | CES85 = 81 |
| CES11 = 62 | CES36 = 78 | CES61 = 84 | CES86 = 55 |
| CES12 = 68 | CES37 = 82 | CES62 = 68 | CES87 = 79 |
| CES13 = 45 | CES38 = 54 | CES63 = 68 | CES88 = 72 |
| CES14 = 75 | CES39 = 90 | CES64 = 69 | CES89 = 62 |
| CES15 = 72 | CES40 = 86 | CES65 = 66 | CES90 = 67 |
| CES16 = 49 | CES41 = 75 | CES66 = 64 | CES91 = 89 |
| CES17 = 51 | CES42 = 83 | CES67 = 63 | CES92 = 67 |
| CES18 = 57 | CES43 = 68 | CES68 = 71 | CES93 = 78 |
| CES19 = 74 | CES44 = 98 | CES69 = 81 | CES94 = 52 |
| CES20 = 68 | CES45 = 76 | CES70 = 65 | CES95 = 76 |
| CES21 = 89 | CES46 = 68 | CES71 = 64 | CES96 = 78 |
| CES22 = 81 | CES47 = 60 | CES72 = 88 | CES97 = 76 |
| CES23 = 92 | CES48 = 47 | CES73 = 59 | CES98 = 71 |
| CES24 = 92 | CES49 = 65 | CES74 = 85 | CES99 = 65 |
| CES25 = 74 | CES50 = 74 | CES75 = 66 | |

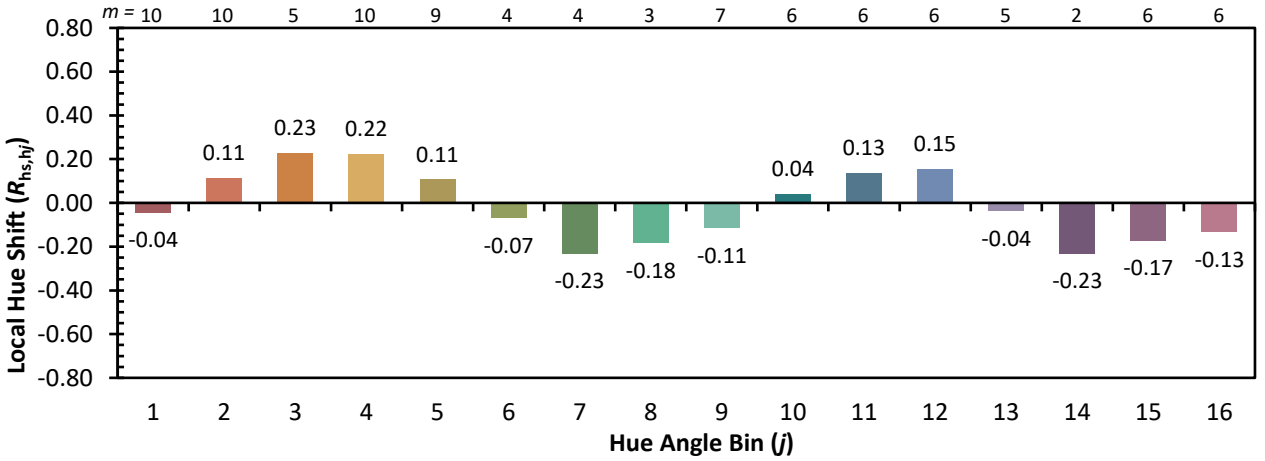


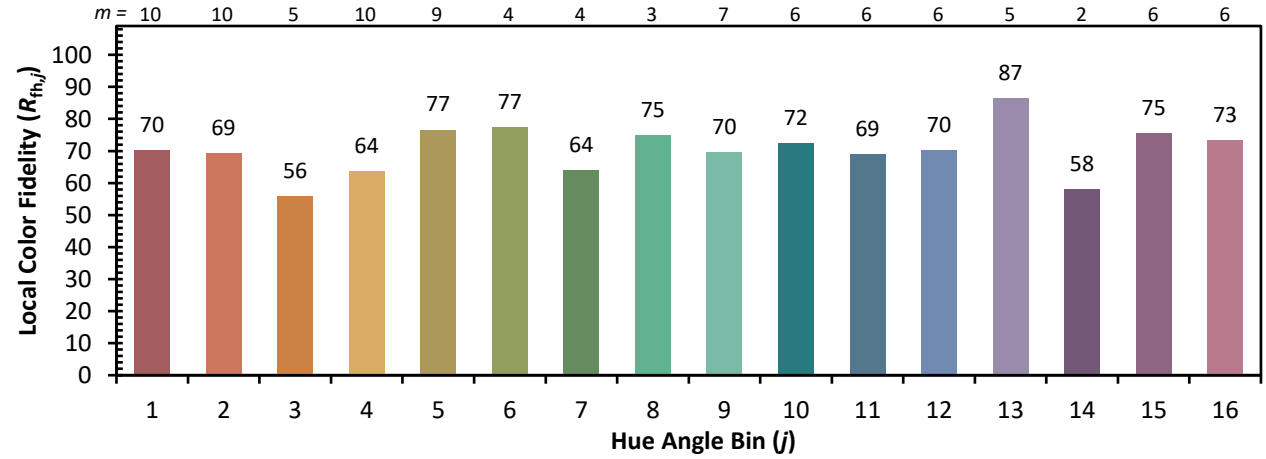
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## Color Rendition by Hue-Angle Bin



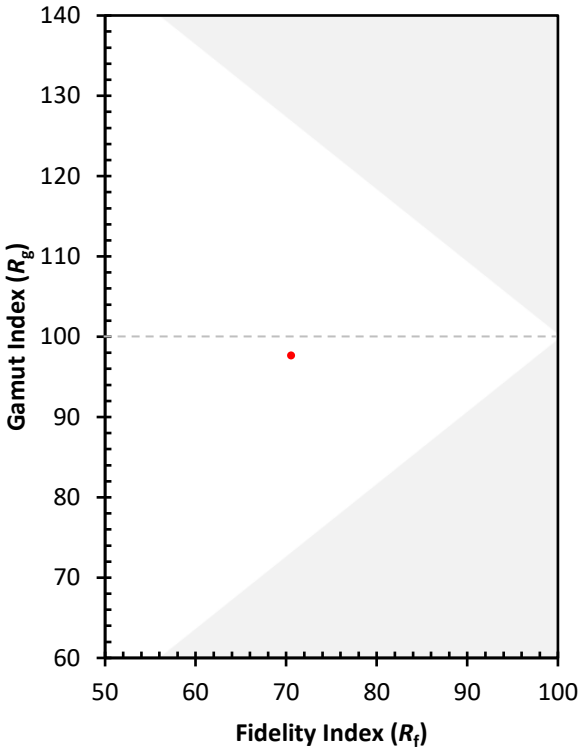



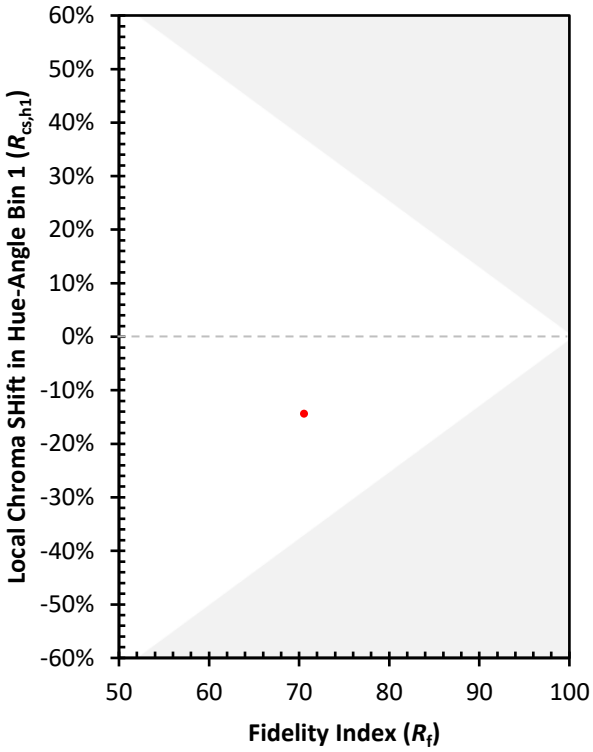



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## Measure Comparisons




(END OF REPORT)