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: P1364505

Luminaire Tested: **GSS-SB1C-740-U-SLR-HSS**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364505 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB1C-740-U-SLR-HSS |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC AND HOUSE SIDE SHIELD |
| Light Source: | (26) 4000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 5410.4 lumens |
| Efficiency: | N/A |
| Efficacy: | 104.0 lumens/watt |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') |
| IES Classification: | Type III - Short |
| BUG Rating: | B1 - U0 - G2 |

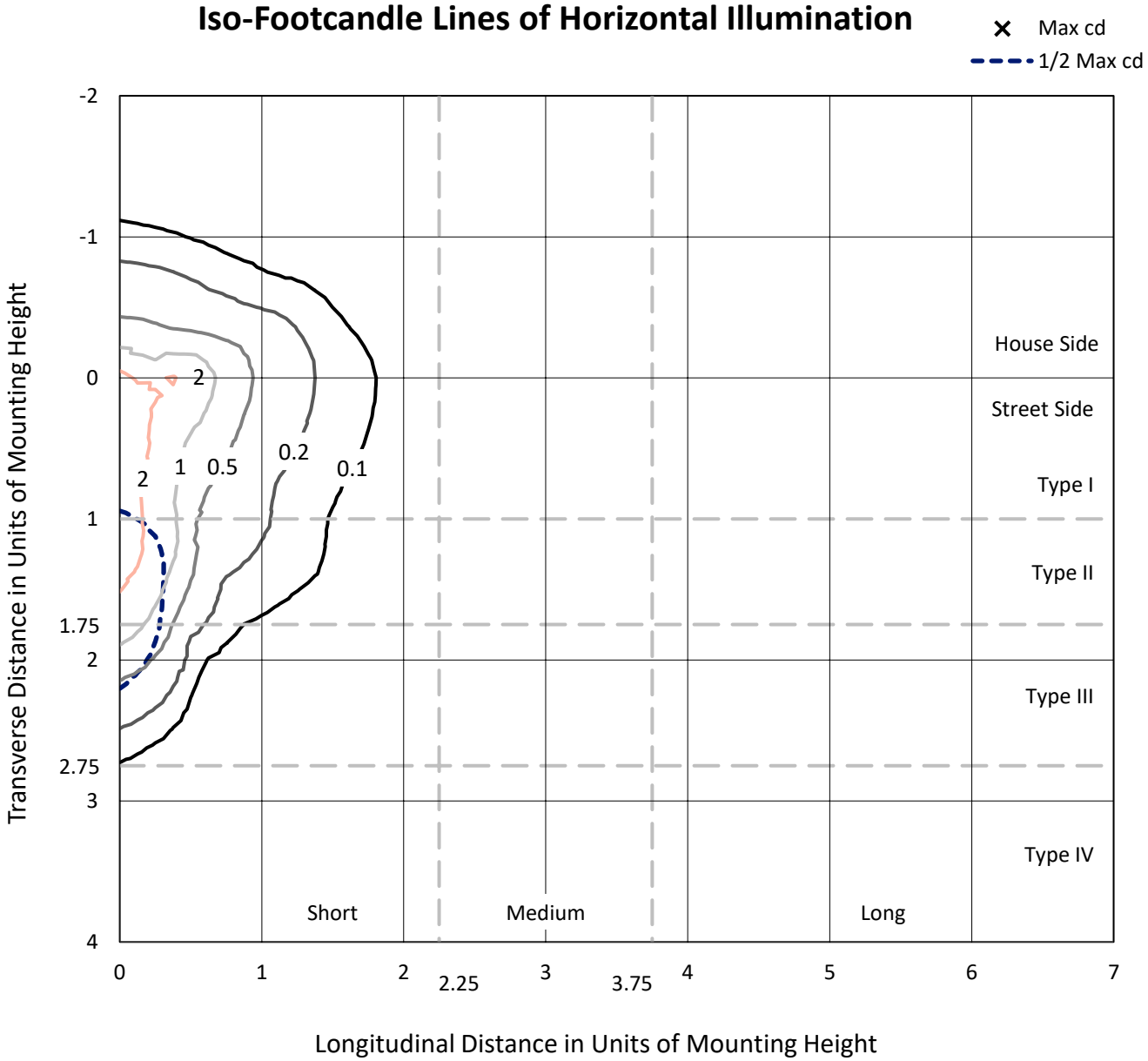
| | |
|---|---|
| Input Watts (W): | 52 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 10.1% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature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

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## Iso-Footcandle Lines of Horizontal Illumination



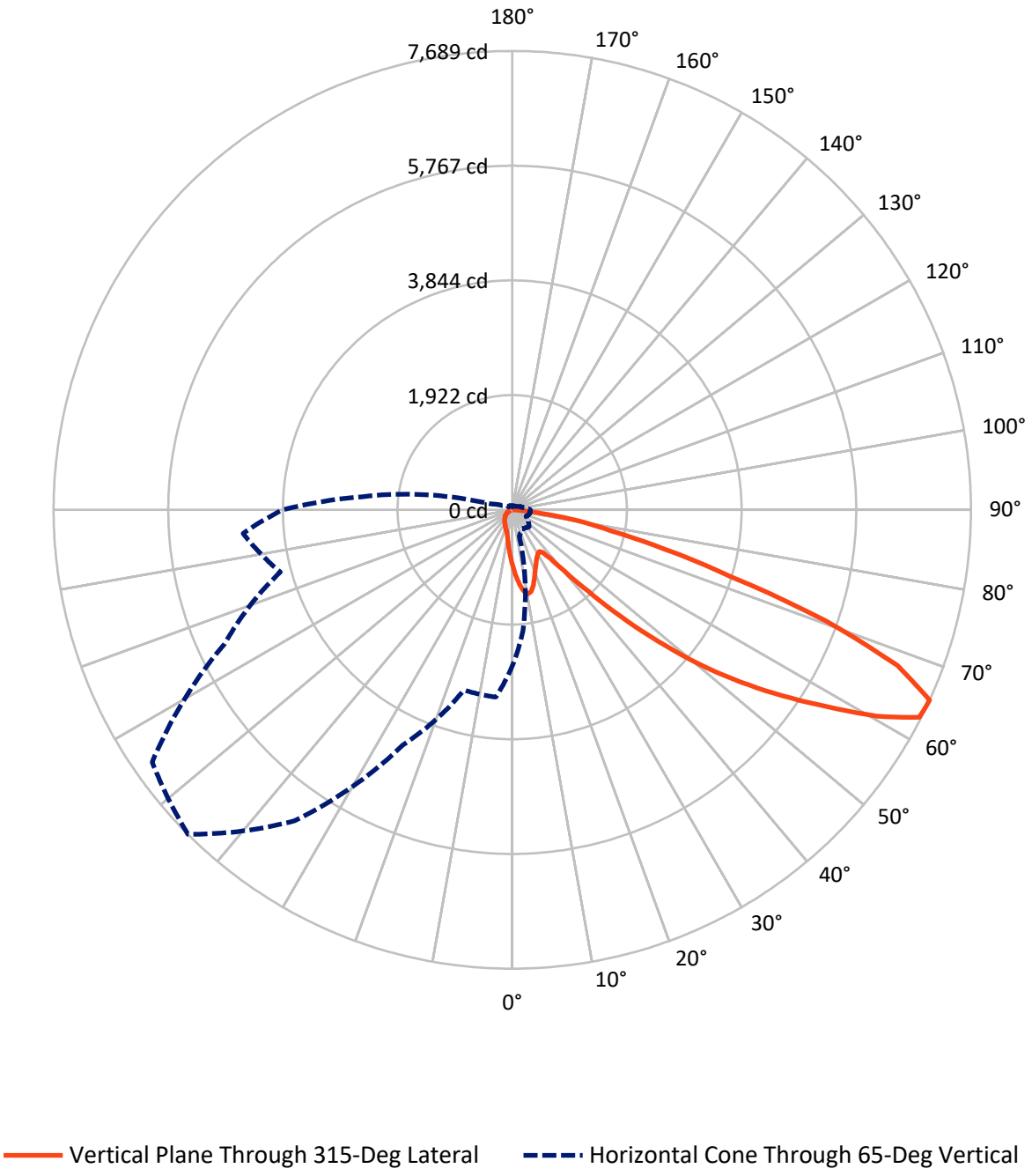

Based on 20 foot mounting height. Maximum calculated value = 3 fc
Type III - Short - N/A

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## Luminous Intensity Polar Plot



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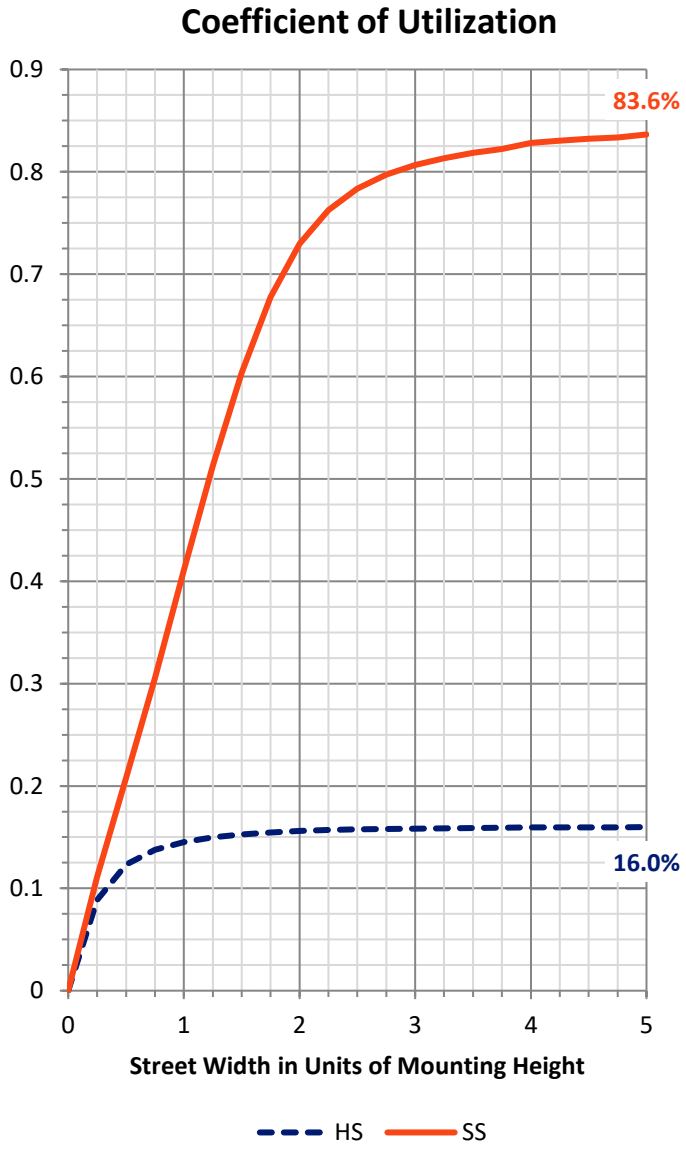
REPORT NUMBER: P1364505
CATALOG NUMBER: GSS-SB1C-740-U-SLR-HSS

**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 874.6 | 0.0 | 874.6 |
| | % Fixture | 16.2 | 0.0 | 16.2 |
| **Street Side** | Lumens | 4535.8 | 0.0 | 4535.8 |
| | % Fixture | 83.8 | 0.0 | 83.8 |
| **Total** | Lumens | 5410.4 | 0.0 | 5410.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 89.9 | 1.7 |
| 10°-20° | 248.6 | 4.6 |
| 20°-30° | 356.1 | 6.6 |
| 30°-40° | 446.6 | 8.3 |
| 40°-50° | 733.7 | 13.6 |
| 50°-60° | 1323.9 | 24.5 |
| 60°-70° | 1469.3 | 27.2 |
| 70°-80° | 663.8 | 12.3 |
| 80°-90° | 78.5 | 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° | 5410.4 | 100.0 |
| 0°-180° | 5410.4 | 100.0 |



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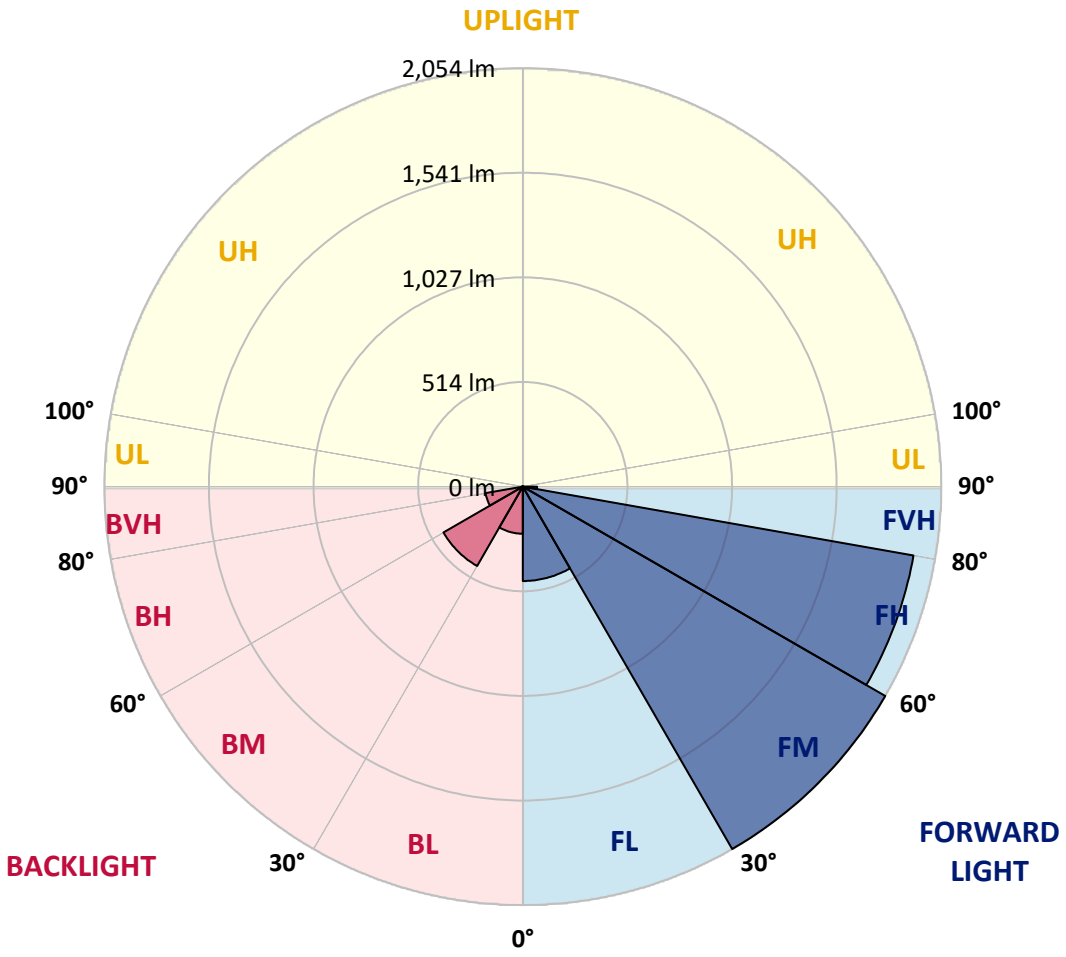
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 463.4 | 8.6 | | | |
| FM | (30°-60°) | 2054.5 | 38.0 | | | |
| FH | (60°-80°) | 1947.4 | 36.0 | | | G2/5000 |
| FVH | (80°-90°) | 70.5 | 1.3 | | | G1/100 |
| BL | (0°-30°) | 231.1 | 4.3 | B1/500 | | |
| BM | (30°-60°) | 449.7 | 8.3 | B1/1000 | | |
| BH | (60°-80°) | 185.7 | 3.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 8.0 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B1-U0-G2**
Type III Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |
| 2.5° | 1055.0 | 1054.0 | 1050.0 | 1025.1 | 1000.1 | 978.5 | 956.9 | 935.4 | 905.4 | 882.2 | 862.3 |
| 5° | 1154.7 | 1149.3 | 1128.1 | 1089.9 | 1048.3 | 1011.8 | 970.2 | 930.4 | 885.5 | 849.0 | 810.7 |
| 7.5° | 1222.8 | 1217.5 | 1196.2 | 1133.1 | 1069.9 | 1025.1 | 980.2 | 938.7 | 888.8 | 840.7 | 785.8 |
| 10° | 1254.3 | 1248.4 | 1224.4 | 1156.3 | 1083.2 | 1028.4 | 983.5 | 945.3 | 903.8 | 855.6 | 787.5 |
| 12.5° | 1275.9 | 1268.6 | 1239.4 | 1161.3 | 1086.5 | 1031.7 | 985.2 | 948.6 | 918.7 | 890.5 | 824.0 |
| 15° | 1289.2 | 1282.6 | 1256.0 | 1174.6 | 1088.2 | 1026.7 | 971.9 | 937.0 | 927.0 | 932.0 | 900.5 |
| 17.5° | 1309.2 | 1302.8 | 1277.6 | 1191.2 | 1098.2 | 1018.4 | 943.7 | 905.4 | 927.0 | 971.9 | 981.9 |
| 20° | 1335.7 | 1329.1 | 1302.5 | 1212.8 | 1106.5 | 993.5 | 890.5 | 853.9 | 908.8 | 983.5 | 1035.0 |
| 22.5° | 1365.6 | 1360.3 | 1339.1 | 1237.7 | 1114.8 | 956.9 | 820.7 | 804.1 | 870.6 | 950.3 | 1016.8 |
| 25° | 1402.2 | 1397.2 | 1377.3 | 1272.6 | 1123.1 | 907.1 | 760.9 | 764.2 | 820.7 | 883.8 | 952.0 |
| 27.5° | 1452.0 | 1447.4 | 1428.8 | 1315.8 | 1133.1 | 855.6 | 712.7 | 729.3 | 770.9 | 814.1 | 855.6 |
| 30° | 1506.9 | 1503.2 | 1488.6 | 1367.3 | 1153.0 | 807.4 | 684.5 | 694.5 | 722.7 | 757.6 | 782.5 |
| 32.5° | 1581.6 | 1575.6 | 1551.7 | 1415.5 | 1151.3 | 770.9 | 671.2 | 661.2 | 669.5 | 697.8 | 722.7 |
| 35° | 1674.7 | 1670.0 | 1651.4 | 1465.3 | 1121.4 | 737.6 | 664.5 | 629.7 | 624.7 | 641.3 | 666.2 |
| 37.5° | 1810.9 | 1806.9 | 1791.0 | 1546.7 | 1074.9 | 696.1 | 647.9 | 596.4 | 579.8 | 591.4 | 608.1 |
| 40° | 2015.2 | 2004.9 | 1963.7 | 1639.8 | 1023.4 | 654.6 | 618.0 | 556.6 | 533.3 | 541.6 | 559.9 |
| 42.5° | 2292.7 | 2273.1 | 2194.7 | 1764.4 | 953.6 | 614.7 | 573.2 | 516.7 | 491.8 | 496.7 | 513.4 |
| 45° | 2648.2 | 2618.7 | 2500.4 | 1935.5 | 880.5 | 583.1 | 526.7 | 475.2 | 448.6 | 453.6 | 471.8 |
| 47.5° | 3063.6 | 3023.0 | 2860.9 | 2114.9 | 802.4 | 564.9 | 490.1 | 433.6 | 413.7 | 425.3 | 443.6 |
| 50° | 3553.7 | 3512.8 | 3349.3 | 2229.6 | 739.3 | 553.2 | 461.9 | 395.4 | 387.1 | 402.1 | 417.0 |
| 52.5° | 4088.6 | 4030.5 | 3797.9 | 2156.5 | 687.8 | 543.3 | 451.9 | 368.8 | 372.1 | 383.8 | 398.7 |
| 55° | 4608.6 | 4479.4 | 3962.4 | 1913.9 | 621.4 | 531.6 | 458.5 | 348.9 | 357.2 | 372.1 | 383.8 |
| 57.5° | 4947.6 | 4722.9 | 3824.5 | 1541.8 | 551.6 | 518.3 | 463.5 | 338.9 | 345.6 | 362.2 | 375.5 |
| 60° | 4651.8 | 4425.9 | 3522.1 | 1154.7 | 491.8 | 490.1 | 455.2 | 335.6 | 325.6 | 348.9 | 360.5 |
| 62.5° | 3811.2 | 3625.1 | 2880.8 | 737.6 | 435.3 | 436.9 | 436.9 | 333.9 | 292.4 | 322.3 | 332.3 |
| 65° | *2618.3* | *2502.0* | *2036.8* | *456.9* | *355.5* | *372.1* | *397.1* | *324.0* | *257.5* | *292.4* | *302.4* |
| 67.5° | 1721.2 | 1635.8 | 1294.2 | 282.4 | 274.1 | 305.7 | 343.9 | 304.0 | 230.9 | 262.5 | 269.1 |
| 70° | 933.7 | 868.9 | 609.7 | 186.1 | 179.4 | 239.2 | 270.8 | 257.5 | 207.7 | 234.3 | 240.9 |
| 72.5° | 616.4 | 563.2 | 350.5 | 131.2 | 131.2 | 187.7 | 189.4 | 211.0 | 186.1 | 207.7 | 214.3 |
| 75° | 463.5 | 416.0 | 225.9 | 91.4 | 101.3 | 119.6 | 147.9 | 151.2 | 156.2 | 176.1 | 184.4 |
| 77.5° | 212.7 | 186.7 | 83.1 | 54.8 | 74.8 | 83.1 | 113.0 | 96.4 | 116.3 | 131.2 | 134.6 |
| 80° | 122.9 | 107.7 | 46.5 | 36.6 | 48.2 | 53.2 | 93.0 | 56.5 | 69.8 | 93.0 | 98.0 |
| 82.5° | 51.5 | 45.9 | 23.3 | 24.9 | 29.9 | 31.6 | 51.5 | 39.9 | 44.9 | 61.5 | 59.8 |
| 85° | 15.0 | 15.0 | 15.0 | 16.6 | 18.3 | 18.3 | 29.9 | 28.2 | 26.6 | 28.2 | 28.2 |
| 87.5° | 10.0 | 10.0 | 10.0 | 10.0 | 11.6 | 11.6 | 13.3 | 15.0 | 16.6 | 16.6 | 16.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |
| 2.5° | 853.9 | 842.3 | 827.4 | 805.8 | 802.4 | 790.8 | 782.5 | 790.8 | 799.1 | 814.1 | 815.7 |
| 5° | 790.8 | 772.5 | 737.6 | 711.1 | 681.2 | 666.2 | 664.5 | 661.2 | 671.2 | 692.8 | 706.1 |
| 7.5° | 755.9 | 726.0 | 662.9 | 616.4 | 574.8 | 559.9 | 548.3 | 558.2 | 556.6 | 584.8 | 596.4 |
| 10° | 747.6 | 701.1 | 613.0 | 543.3 | 491.8 | 471.8 | 460.2 | 458.5 | 461.9 | 478.5 | 490.1 |
| 12.5° | 777.5 | 717.7 | 593.1 | 490.1 | 430.3 | 408.7 | 395.4 | 383.8 | 383.8 | 387.1 | 402.1 |
| 15° | 844.0 | 772.5 | 604.7 | 465.2 | 400.4 | 372.1 | 350.5 | 335.6 | 324.0 | 325.6 | 327.3 |
| 17.5° | 937.0 | 852.3 | 634.6 | 456.9 | 382.1 | 352.2 | 325.6 | 310.7 | 297.4 | 294.1 | 294.1 |
| 20° | 1010.1 | 928.7 | 657.9 | 450.2 | 367.2 | 329.0 | 305.7 | 292.4 | 280.8 | 275.8 | 275.8 |
| 22.5° | 1018.4 | 960.3 | 677.8 | 441.9 | 348.9 | 305.7 | 284.1 | 272.5 | 264.2 | 262.5 | 262.5 |
| 25° | 963.6 | 935.4 | 671.2 | 432.0 | 330.6 | 284.1 | 267.5 | 257.5 | 249.2 | 247.5 | 249.2 |
| 27.5° | 872.2 | 857.3 | 647.9 | 418.7 | 315.7 | 267.5 | 252.5 | 244.2 | 235.9 | 234.3 | 235.9 |
| 30° | 790.8 | 774.2 | 608.1 | 397.1 | 304.0 | 254.2 | 237.6 | 229.3 | 221.0 | 221.0 | 222.6 |
| 32.5° | 724.4 | 707.7 | 568.2 | 372.1 | 289.1 | 239.2 | 224.3 | 216.0 | 207.7 | 207.7 | 211.0 |
| 35° | 664.5 | 651.3 | 536.6 | 347.2 | 274.1 | 225.9 | 209.3 | 202.7 | 196.0 | 194.4 | 197.7 |
| 37.5° | 613.0 | 606.4 | 508.4 | 320.6 | 259.2 | 212.7 | 197.7 | 191.1 | 182.8 | 181.1 | 184.4 |
| 40° | 563.2 | 559.9 | 476.8 | 297.4 | 240.9 | 199.4 | 184.4 | 177.8 | 167.8 | 167.8 | 171.1 |
| 42.5° | 516.7 | 515.0 | 448.6 | 282.4 | 224.3 | 186.1 | 169.5 | 162.8 | 154.5 | 154.5 | 157.8 |
| 45° | 480.1 | 478.5 | 422.0 | 274.1 | 207.7 | 171.1 | 156.2 | 147.9 | 141.2 | 142.9 | 146.2 |
| 47.5° | 446.9 | 443.6 | 393.7 | 275.8 | 199.4 | 161.2 | 141.2 | 132.9 | 127.9 | 131.2 | 136.2 |
| 50° | 420.3 | 417.0 | 373.8 | 277.4 | 186.1 | 147.9 | 129.6 | 121.3 | 118.0 | 122.9 | 127.9 |
| 52.5° | 403.7 | 400.4 | 353.9 | 267.5 | 169.5 | 137.9 | 118.0 | 113.0 | 113.0 | 118.0 | 121.3 |
| 55° | 387.1 | 383.8 | 320.6 | 245.9 | 151.2 | 127.9 | 109.7 | 106.3 | 106.3 | 111.3 | 114.6 |
| 57.5° | 377.1 | 370.5 | 285.8 | 221.0 | 136.2 | 116.3 | 101.3 | 101.3 | 101.3 | 103.0 | 104.7 |
| 60° | 362.2 | 345.6 | 249.2 | 189.4 | 124.6 | 104.7 | 94.7 | 93.0 | 93.0 | 91.4 | 93.0 |
| 62.5° | 330.6 | 302.4 | 209.3 | 161.2 | 111.3 | 94.7 | 86.4 | 84.7 | 79.7 | 74.8 | 76.4 |
| 65° | *299.0* | *255.9* | *166.1* | *134.6* | *96.4* | *81.4* | *76.4* | *74.8* | *66.5* | *59.8* | *61.5* |
| 67.5° | 259.2 | 204.3 | 124.6 | 113.0 | 83.1 | 69.8 | 64.8 | 64.8 | 59.8 | 54.8 | 54.8 |
| 70° | 230.9 | 159.5 | 104.7 | 84.7 | 66.5 | 54.8 | 54.8 | 58.1 | 53.2 | 46.5 | 46.5 |
| 72.5° | 204.3 | 129.6 | 84.7 | 68.1 | 51.5 | 43.2 | 46.5 | 48.2 | 43.2 | 38.2 | 38.2 |
| 75° | 174.4 | 101.3 | 66.5 | 53.2 | 38.2 | 33.2 | 34.9 | 38.2 | 34.9 | 29.9 | 31.6 |
| 77.5° | 126.3 | 69.8 | 44.9 | 34.9 | 28.2 | 24.9 | 26.6 | 26.6 | 24.9 | 23.3 | 23.3 |
| 80° | 88.1 | 46.5 | 29.9 | 23.3 | 19.9 | 18.3 | 18.3 | 16.6 | 16.6 | 18.3 | 18.3 |
| 82.5° | 53.2 | 33.2 | 21.6 | 18.3 | 15.0 | 11.6 | 11.6 | 13.3 | 13.3 | 15.0 | 15.0 |
| 85° | 23.3 | 19.9 | 15.0 | 13.3 | 10.0 | 8.3 | 10.0 | 10.0 | 11.6 | 13.3 | 13.3 |
| 87.5° | 15.0 | 15.0 | 11.6 | 10.0 | 8.3 | 6.6 | 6.6 | 8.3 | 8.3 | 10.0 | 11.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |
| 2.5° | 822.4 | 839.0 | 858.9 | 887.2 | 912.1 | 942.0 | 971.9 | 1000.1 | 1026.7 | 1030.0 | 1041.7 |
| 5° | 716.1 | 747.6 | 787.5 | 834.0 | 890.5 | 950.3 | 1008.5 | 1069.9 | 1119.8 | 1138.0 | 1164.6 |
| 7.5° | 606.4 | 646.3 | 704.4 | 775.9 | 855.6 | 945.3 | 1035.0 | 1121.4 | 1196.2 | 1231.1 | 1266.0 |
| 10° | 501.7 | 539.9 | 611.4 | 697.8 | 800.8 | 922.1 | 1041.7 | 1158.0 | 1249.4 | 1289.2 | 1322.5 |
| 12.5° | 407.0 | 445.2 | 503.4 | 603.1 | 727.7 | 873.9 | 1031.7 | 1171.3 | 1272.6 | 1314.1 | 1345.7 |
| 15° | 332.3 | 363.8 | 418.7 | 511.7 | 643.0 | 807.4 | 996.8 | 1161.3 | 1277.6 | 1317.5 | 1340.7 |
| 17.5° | 292.4 | 300.7 | 335.6 | 420.3 | 563.2 | 747.6 | 952.0 | 1148.0 | 1280.9 | 1317.5 | 1330.8 |
| 20° | 275.8 | 275.8 | 282.4 | 327.3 | 466.8 | 684.5 | 918.7 | 1139.7 | 1285.9 | 1322.5 | 1320.8 |
| 22.5° | 260.8 | 264.2 | 264.2 | 274.1 | 355.5 | 596.4 | 883.8 | 1136.4 | 1300.9 | 1329.1 | 1305.8 |
| 25° | 247.5 | 252.5 | 252.5 | 255.9 | 279.1 | 491.8 | 840.7 | 1143.0 | 1327.4 | 1342.4 | 1295.9 |
| 27.5° | 235.9 | 240.9 | 240.9 | 244.2 | 249.2 | 365.5 | 769.2 | 1144.7 | 1357.3 | 1359.0 | 1282.6 |
| 30° | 224.3 | 229.3 | 232.6 | 232.6 | 235.9 | 269.1 | 679.5 | 1134.7 | 1390.6 | 1380.6 | 1280.9 |
| 32.5° | 211.0 | 217.6 | 219.3 | 222.6 | 224.3 | 234.3 | 563.2 | 1118.1 | 1432.1 | 1410.5 | 1282.6 |
| 35° | 199.4 | 207.7 | 209.3 | 209.3 | 212.7 | 222.6 | 450.2 | 1099.8 | 1488.6 | 1450.4 | 1289.2 |
| 37.5° | 187.7 | 194.4 | 196.0 | 197.7 | 201.0 | 211.0 | 357.2 | 1073.2 | 1536.8 | 1500.2 | 1322.5 |
| 40° | 174.4 | 182.8 | 184.4 | 186.1 | 189.4 | 199.4 | 307.4 | 1040.0 | 1609.9 | 1583.3 | 1372.3 |
| 42.5° | 161.2 | 169.5 | 172.8 | 174.4 | 176.1 | 189.4 | 280.8 | 1016.8 | 1727.8 | 1699.6 | 1473.6 |
| 45° | 149.5 | 157.8 | 161.2 | 161.2 | 164.5 | 182.8 | 257.5 | 1068.3 | 1890.6 | 1877.3 | 1609.9 |
| 47.5° | 139.6 | 147.9 | 149.5 | 149.5 | 151.2 | 172.8 | 237.6 | 1206.2 | 2139.8 | 2105.0 | 1822.5 |
| 50° | 131.2 | 137.9 | 141.2 | 137.9 | 139.6 | 164.5 | 249.2 | 1433.8 | 2458.8 | 2470.5 | 2134.9 |
| 52.5° | 124.6 | 131.2 | 132.9 | 126.3 | 126.3 | 152.8 | 264.2 | 1619.8 | 2865.9 | 2972.2 | 2629.9 |
| 55° | 116.3 | 122.9 | 124.6 | 116.3 | 116.3 | 134.6 | 229.3 | 1631.5 | 3329.4 | 3671.6 | 3274.6 |
| 57.5° | 108.0 | 114.6 | 114.6 | 108.0 | 106.3 | 116.3 | 186.1 | 1447.1 | 3688.2 | 4464.1 | 4156.7 |
| 60° | 98.0 | 104.7 | 103.0 | 99.7 | 96.4 | 106.3 | 171.1 | 1103.2 | 3640.1 | 4980.8 | 5168.5 |
| 62.5° | 79.7 | 89.7 | 93.0 | 91.4 | 84.7 | 96.4 | 159.5 | 719.4 | 3150.0 | 4532.2 | 5137.0 |
| 65° | *66.5* | *74.8* | *79.7* | *79.7* | *74.8* | *106.3* | *139.6* | *378.8* | *2522.0* | *3846.1* | *4528.9* |
| 67.5° | 58.1 | 66.5 | 69.8 | 68.1 | 64.8 | 94.7 | 88.1 | 182.8 | 1933.8 | 3314.4 | 4053.7 |
| 70° | 51.5 | 58.1 | 61.5 | 56.5 | 53.2 | 76.4 | 63.1 | 108.0 | 1294.2 | 2766.2 | 3610.2 |
| 72.5° | 41.5 | 48.2 | 51.5 | 46.5 | 41.5 | 56.5 | 48.2 | 71.4 | 842.3 | 2357.5 | 3208.1 |
| 75° | 33.2 | 39.9 | 41.5 | 38.2 | 33.2 | 41.5 | 38.2 | 49.8 | 549.9 | 1950.4 | 2728.0 |
| 77.5° | 24.9 | 28.2 | 31.6 | 29.9 | 24.9 | 29.9 | 26.6 | 34.9 | 314.0 | 1369.0 | 1913.9 |
| 80° | 19.9 | 21.6 | 21.6 | 21.6 | 19.9 | 18.3 | 18.3 | 23.3 | 141.2 | 674.5 | 998.5 |
| 82.5° | 16.6 | 18.3 | 18.3 | 16.6 | 15.0 | 13.3 | 11.6 | 13.3 | 41.5 | 302.4 | 460.2 |
| 85° | 15.0 | 16.6 | 13.3 | 11.6 | 10.0 | 8.3 | 5.0 | 5.0 | 11.6 | 48.2 | 89.7 |
| 87.5° | 11.6 | 10.0 | 8.3 | 6.6 | 3.3 | 1.7 | 1.7 | 0.0 | 1.7 | 1.7 | 1.7 |
| 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: P1364505
CATALOG NUMBER: GSS-SB1C-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 935.4 | 935.4 | 935.4 | *935.4* | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |
| 2.5° | 1060.0 | 1076.6 | 1088.2 | *1098.2* | 1094.8 | 1086.5 | 1069.9 | 1058.3 | 1055.6 | 1055.0 |
| 5° | 1199.5 | 1226.1 | 1249.4 | *1246.0* | 1249.4 | 1224.4 | 1199.5 | 1169.6 | 1157.6 | 1154.7 |
| 7.5° | 1315.8 | 1349.0 | 1377.3 | *1374.0* | 1364.0 | 1335.7 | 1294.2 | 1249.4 | 1228.1 | 1222.8 |
| 10° | 1378.9 | 1417.1 | 1440.4 | *1432.1* | 1415.5 | 1378.9 | 1337.4 | 1284.2 | 1260.3 | 1254.3 |
| 12.5° | 1390.6 | 1415.5 | 1410.5 | *1407.2* | 1403.9 | 1385.6 | 1354.0 | 1305.8 | 1281.9 | 1275.9 |
| 15° | 1360.7 | 1350.7 | 1322.5 | *1315.8* | 1340.7 | 1364.0 | 1357.3 | 1317.5 | 1294.9 | 1289.2 |
| 17.5° | 1310.8 | 1259.3 | 1207.8 | *1201.2* | 1242.7 | 1307.5 | 1359.0 | 1335.7 | 1314.5 | 1309.2 |
| 20° | 1256.0 | 1159.6 | 1103.2 | *1091.5* | 1143.0 | 1239.4 | 1340.7 | 1354.0 | 1339.4 | 1335.7 |
| 22.5° | 1191.2 | 1078.2 | 1018.4 | *1011.8* | 1050.0 | 1163.0 | 1314.1 | 1374.0 | 1367.3 | 1365.6 |
| 25° | 1134.7 | 1006.8 | 950.3 | *940.3* | 990.2 | 1099.8 | 1287.6 | 1407.2 | 1403.2 | 1402.2 |
| 27.5° | 1088.2 | 955.3 | 895.5 | *888.8* | 937.0 | 1046.7 | 1254.3 | 1435.4 | 1448.7 | 1452.0 |
| 30° | 1051.6 | 917.1 | 857.3 | *849.0* | 902.1 | 1010.1 | 1231.1 | 1475.3 | 1500.6 | 1506.9 |
| 32.5° | 1023.4 | 895.5 | 839.0 | *834.0* | 890.5 | 995.2 | 1217.8 | 1516.8 | 1568.7 | 1581.6 |
| 35° | 1013.4 | 902.1 | 863.9 | *875.5* | 918.7 | 1010.1 | 1227.8 | 1584.9 | 1656.7 | 1674.7 |
| 37.5° | 1035.0 | 975.2 | 1001.8 | *1031.7* | 1048.3 | 1081.6 | 1274.3 | 1694.6 | 1787.6 | 1810.9 |
| 40° | 1104.8 | 1171.3 | 1295.9 | *1354.0* | 1347.4 | 1270.9 | 1380.6 | 1849.1 | 1982.0 | 2015.2 |
| 42.5° | 1282.6 | 1498.6 | 1762.7 | *1860.7* | 1804.2 | 1573.3 | 1550.1 | 2103.3 | 2254.8 | 2292.7 |
| 45° | 1546.7 | 1894.0 | 2327.6 | *2548.5* | 2354.2 | 1957.1 | 1817.5 | 2465.5 | 2611.7 | 2648.2 |
| 47.5° | 1810.9 | 2335.9 | 3025.4 | *3287.9* | 2905.7 | 2337.5 | 2168.1 | 2899.1 | 3030.7 | 3063.6 |
| 50° | 2080.0 | 2824.3 | 3721.5 | *4072.0* | 3455.7 | 2724.6 | 2540.2 | 3434.1 | 3529.7 | 3553.7 |
| 52.5° | 2357.5 | 3261.3 | 4489.0 | *4791.4* | 4030.5 | 3023.7 | 2965.5 | 4017.2 | 4074.3 | 4088.6 |
| 55° | 2666.5 | 3675.0 | 5258.2 | *5502.5* | 4553.8 | 3284.5 | 3464.0 | 4626.9 | 4612.3 | 4608.6 |
| 57.5° | 3078.5 | 4110.2 | 5877.9 | *6218.5* | 5029.0 | 3636.7 | 4130.2 | 5304.8 | 5019.0 | 4947.6 |
| 60° | 3797.9 | 4786.4 | 6648.8 | *7019.3* | 5665.3 | 4151.8 | 4620.3 | 5289.8 | 4779.4 | 4651.8 |
| 62.5° | 4631.9 | 5437.7 | 7346.6 | *7658.9* | 6334.8 | 4663.5 | 4229.8 | 4442.5 | 3937.4 | 3811.2 |
| 65° | *4023.8* | *5323.0* | *7368.2* | *7688.8* | *6359.7* | *4351.1* | *3126.7* | *3150.0* | *2724.6* | *2618.3* |
| 67.5° | 3424.1 | 4718.3 | 6710.3 | *6962.8* | 5673.6 | 3596.9 | 2073.4 | 2055.1 | 1788.0 | 1721.2 |
| 70° | 3048.6 | 4133.5 | 5783.2 | *5565.6* | 4769.8 | 3040.3 | 1377.3 | 1141.4 | 975.2 | 933.7 |
| 72.5° | 2739.6 | 3279.5 | 4686.7 | *3836.1* | 3957.4 | 2473.8 | 875.5 | 777.5 | 648.6 | 616.4 |
| 75° | 2480.4 | 2713.0 | 2924.0 | *2651.5* | 2811.0 | 2038.5 | 742.6 | 599.8 | 490.8 | 463.5 |
| 77.5° | 1973.7 | 2111.6 | 1731.1 | *1681.3* | 1968.7 | 1450.4 | 368.8 | 252.5 | 220.6 | 212.7 |
| 80° | 1174.6 | 998.5 | 981.9 | *1119.8* | 1310.8 | 752.6 | 225.9 | 139.6 | 126.3 | 122.9 |
| 82.5° | 711.1 | 360.5 | 392.1 | *495.1* | 697.8 | 342.2 | 134.6 | 59.8 | 53.2 | 51.5 |
| 85° | 119.6 | 98.0 | 151.2 | *144.5* | 136.2 | 73.1 | 36.6 | 16.6 | 15.3 | 15.0 |
| 87.5° | 3.3 | 5.0 | 6.6 | *8.3* | 8.3 | 8.3 | 8.3 | 8.3 | 9.6 | 10.0 |
| 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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

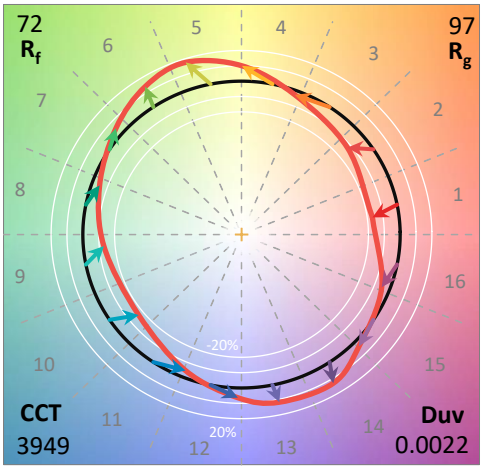
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-1 |
| 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-740-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 3949 |
| CIE u': | 0.2248 |
| CIE v': | 0.5053 |
| Duv: | 0.0022 |
| CIE x: | 0.3844 |
| CIE y: | 0.3840 |
| CIE z: | 0.2316 |
| Peak Wavelength (nm): | 440 |
| Dominant Wavelength (nm): | 578 |
| Purity: | 30.60026 |
| Rf: | 71.8 |
| Rg: | 96.5 |

| | |
|---|---|
| CRI (Ra): | 70.7 |
| R1: | 68.0 |
| R2: | 76.0 |
| R3: | 84.3 |
| R4: | 72.0 |
| R5: | 68.6 |
| R6: | 68.3 |
| R7: | 77.9 |
| R8: | 50.3 |
| R9: | -36.7 |
| R10: | 45.1 |
| R11: | 70.7 |
| R12: | 47.1 |
| R13: | 68.5 |
| R14: | 91.1 |
| R15: | 58.7 |




## Test Conditions

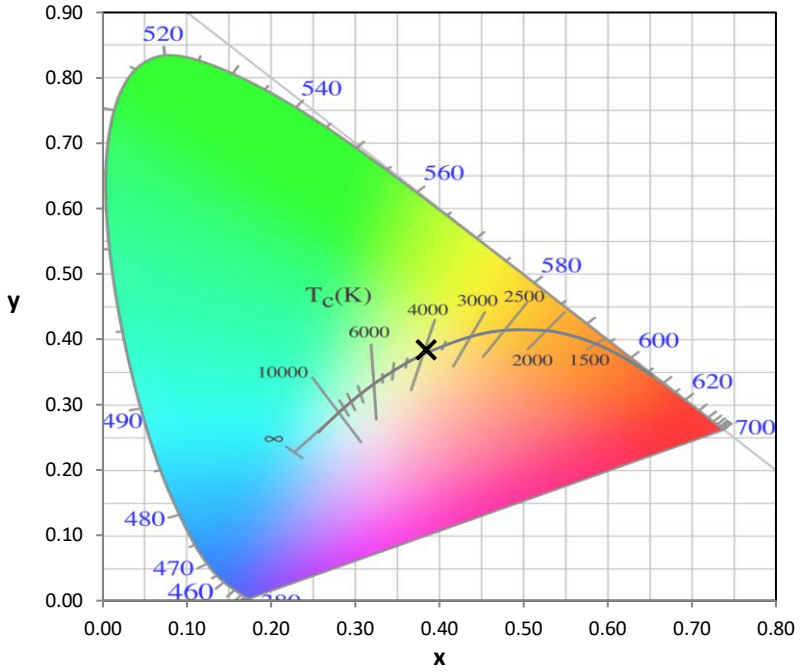
| | |
|---|---|
| Stabilization Time: | 34M |
| Operation Time: | 1H 34M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-1

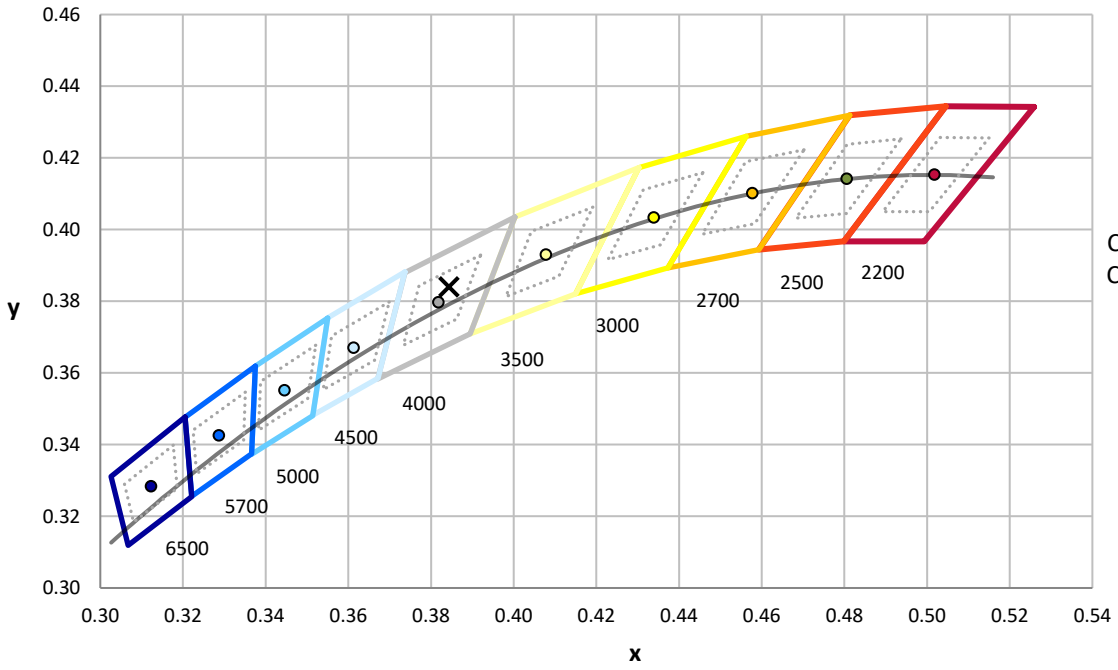
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC 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: SP1-2407-184-1

## CIE 1931 Chromaticity Diagram




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

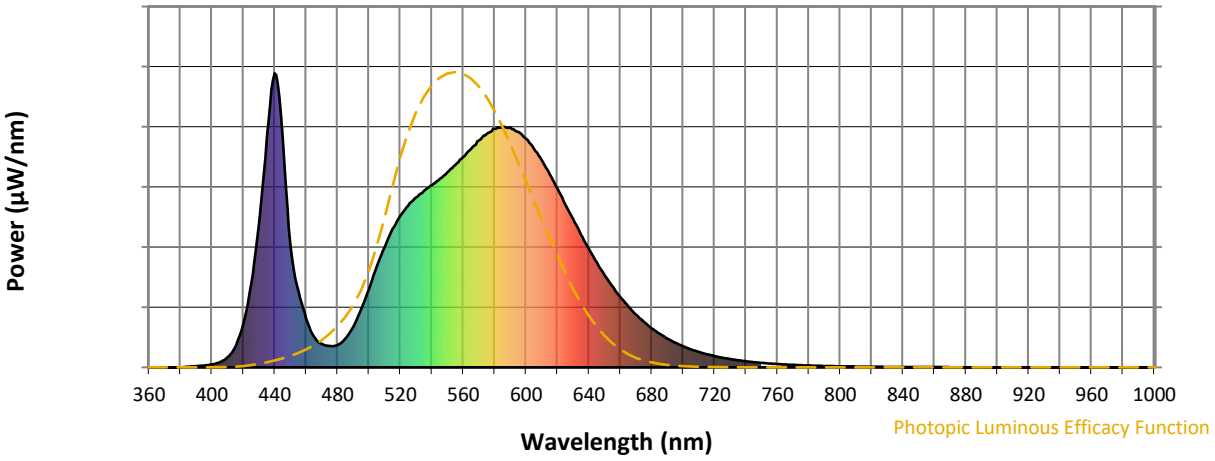



CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

## Photopic Flux vs. Wavelength

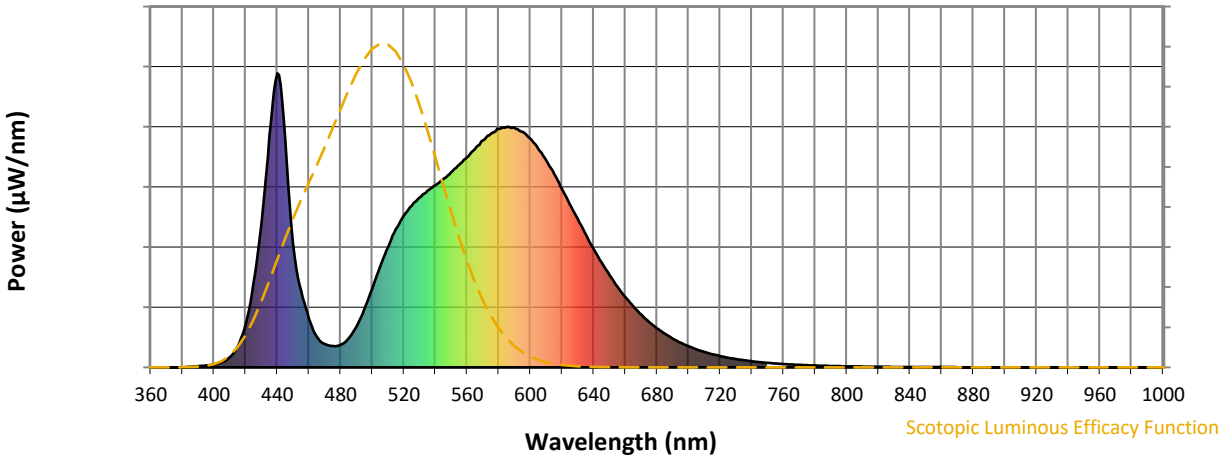



## Photopic Lumens: NR

| 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 | 139 | NR | 620 | 607 | NR | 750 | 15 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 198 | NR | 625 | 554 | NR | 755 | 13 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 267 | NR | 630 | 504 | NR | 760 | 11 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 343 | NR | 635 | 452 | NR | 765 | 10 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 410 | NR | 640 | 403 | NR | 770 | 8 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 470 | NR | 645 | 357 | NR | 775 | 7 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 516 | NR | 650 | 314 | NR | 780 | 6 | NR | 910 | 0 | NR |
| 395 | 7 | NR | 525 | 550 | NR | 655 | 275 | NR | 785 | 5 | NR | 915 | 0 | NR |
| 400 | 10 | NR | 530 | 578 | NR | 660 | 240 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 17 | NR | 535 | 601 | NR | 665 | 208 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 35 | NR | 540 | 620 | NR | 670 | 179 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 70 | NR | 545 | 641 | NR | 675 | 155 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 147 | NR | 550 | 664 | NR | 680 | 133 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 285 | NR | 555 | 689 | NR | 685 | 114 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 487 | NR | 560 | 715 | NR | 690 | 98 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 787 | NR | 565 | 743 | NR | 695 | 84 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 1000 | NR | 570 | 771 | NR | 700 | 72 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 783 | NR | 575 | 794 | NR | 705 | 61 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 417 | NR | 580 | 811 | NR | 710 | 52 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 261 | NR | 585 | 817 | NR | 715 | 45 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 167 | NR | 590 | 815 | NR | 720 | 39 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 104 | NR | 595 | 801 | NR | 725 | 33 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 79 | NR | 600 | 777 | NR | 730 | 28 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 73 | NR | 605 | 744 | NR | 735 | 24 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 704 | NR | 740 | 21 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 98 | NR | 615 | 657 | NR | 745 | 18 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-1

## Scotopic Flux vs. Wavelength

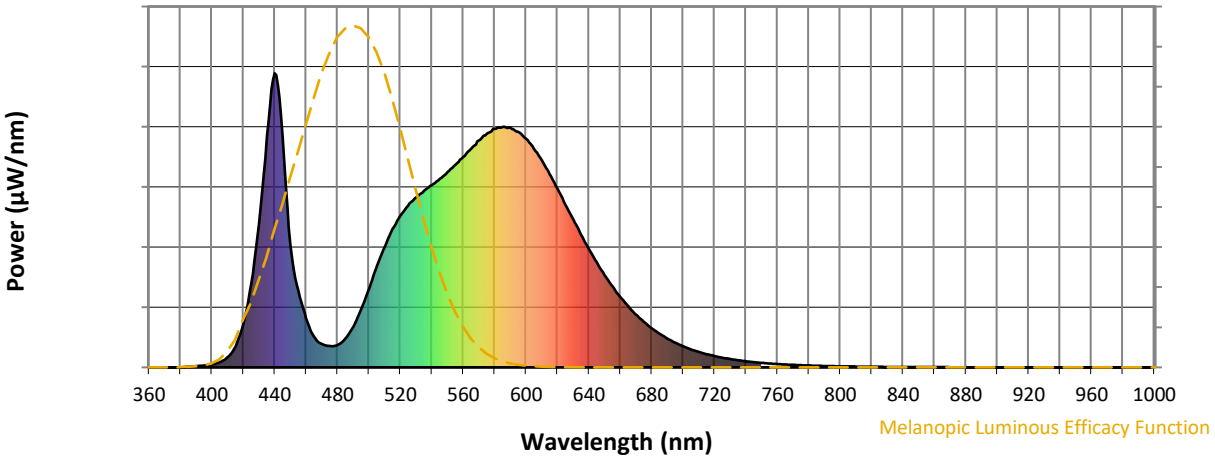



**Scotopic Lumens: NR** **S/P: 1.47**

| 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 | 139 | NR | 620 | 607 | NR | 750 | 15 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 198 | NR | 625 | 554 | NR | 755 | 13 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 267 | NR | 630 | 504 | NR | 760 | 11 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 343 | NR | 635 | 452 | NR | 765 | 10 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 410 | NR | 640 | 403 | NR | 770 | 8 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 470 | NR | 645 | 357 | NR | 775 | 7 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 516 | NR | 650 | 314 | NR | 780 | 6 | NR | 910 | 0 | NR |
| 395 | 7 | NR | 525 | 550 | NR | 655 | 275 | NR | 785 | 5 | NR | 915 | 0 | NR |
| 400 | 10 | NR | 530 | 578 | NR | 660 | 240 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 17 | NR | 535 | 601 | NR | 665 | 208 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 35 | NR | 540 | 620 | NR | 670 | 179 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 70 | NR | 545 | 641 | NR | 675 | 155 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 147 | NR | 550 | 664 | NR | 680 | 133 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 285 | NR | 555 | 689 | NR | 685 | 114 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 487 | NR | 560 | 715 | NR | 690 | 98 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 787 | NR | 565 | 743 | NR | 695 | 84 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 1000 | NR | 570 | 771 | NR | 700 | 72 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 783 | NR | 575 | 794 | NR | 705 | 61 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 417 | NR | 580 | 811 | NR | 710 | 52 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 261 | NR | 585 | 817 | NR | 715 | 45 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 167 | NR | 590 | 815 | NR | 720 | 39 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 104 | NR | 595 | 801 | NR | 725 | 33 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 79 | NR | 600 | 777 | NR | 730 | 28 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 73 | NR | 605 | 744 | NR | 735 | 24 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 704 | NR | 740 | 21 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 98 | NR | 615 | 657 | NR | 745 | 18 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-1

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 2.78**

| 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 | 139 | NR | 620 | 607 | NR | 750 | 15 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 198 | NR | 625 | 554 | NR | 755 | 13 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 267 | NR | 630 | 504 | NR | 760 | 11 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 343 | NR | 635 | 452 | NR | 765 | 10 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 410 | NR | 640 | 403 | NR | 770 | 8 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 470 | NR | 645 | 357 | NR | 775 | 7 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 516 | NR | 650 | 314 | NR | 780 | 6 | NR | 910 | 0 | NR |
| 395 | 7 | NR | 525 | 550 | NR | 655 | 275 | NR | 785 | 5 | NR | 915 | 0 | NR |
| 400 | 10 | NR | 530 | 578 | NR | 660 | 240 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 17 | NR | 535 | 601 | NR | 665 | 208 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 35 | NR | 540 | 620 | NR | 670 | 179 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 70 | NR | 545 | 641 | NR | 675 | 155 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 147 | NR | 550 | 664 | NR | 680 | 133 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 285 | NR | 555 | 689 | NR | 685 | 114 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 487 | NR | 560 | 715 | NR | 690 | 98 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 787 | NR | 565 | 743 | NR | 695 | 84 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 1000 | NR | 570 | 771 | NR | 700 | 72 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 783 | NR | 575 | 794 | NR | 705 | 61 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 417 | NR | 580 | 811 | NR | 710 | 52 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 261 | NR | 585 | 817 | NR | 715 | 45 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 167 | NR | 590 | 815 | NR | 720 | 39 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 104 | NR | 595 | 801 | NR | 725 | 33 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 79 | NR | 600 | 777 | NR | 730 | 28 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 73 | NR | 605 | 744 | NR | 735 | 24 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 704 | NR | 740 | 21 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 98 | NR | 615 | 657 | NR | 745 | 18 | NR | 875 | 1 | NR | | | |

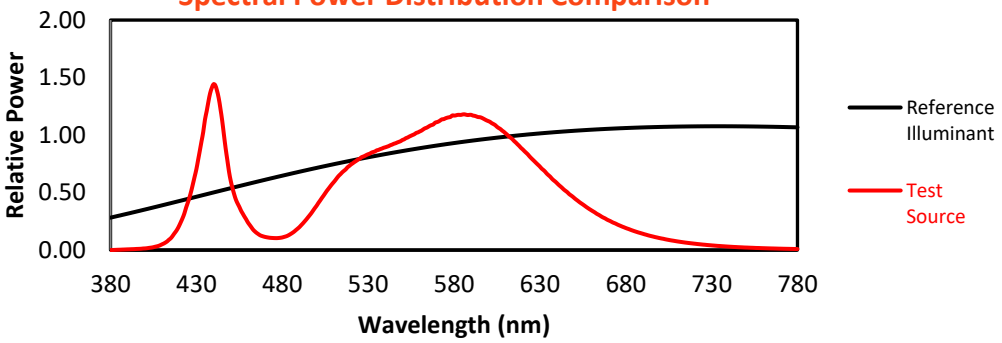
REPORT NUMBER: SP1-2407-184-1

# TM-30-18

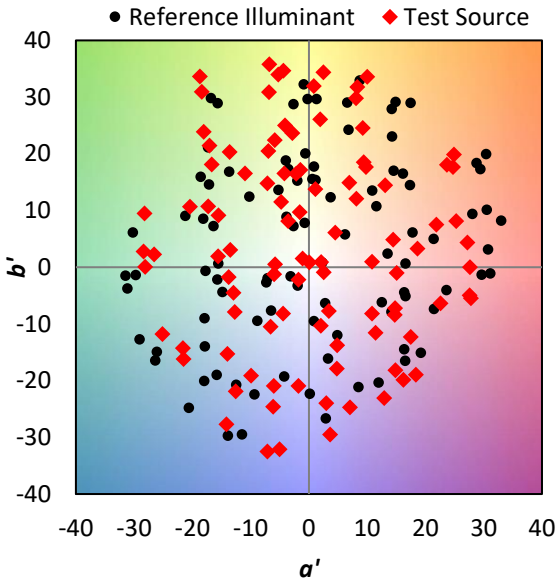
## Summary

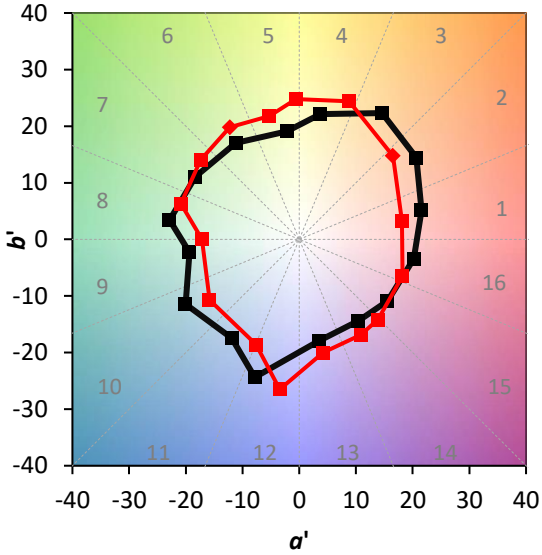
$R_f$ = 71.8
$R_g$ = 96.5
CIE $R_a$ = 70.7
$R_9$ = -36.7

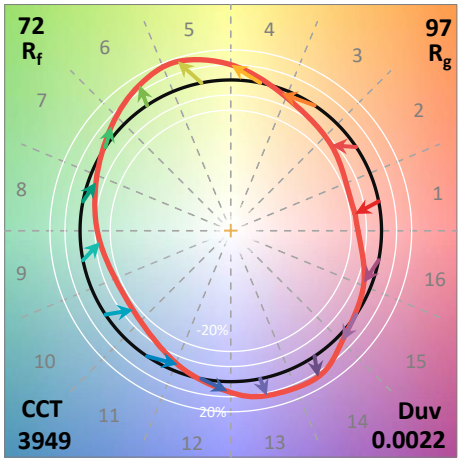
## Spectral Power Distribution Comparison

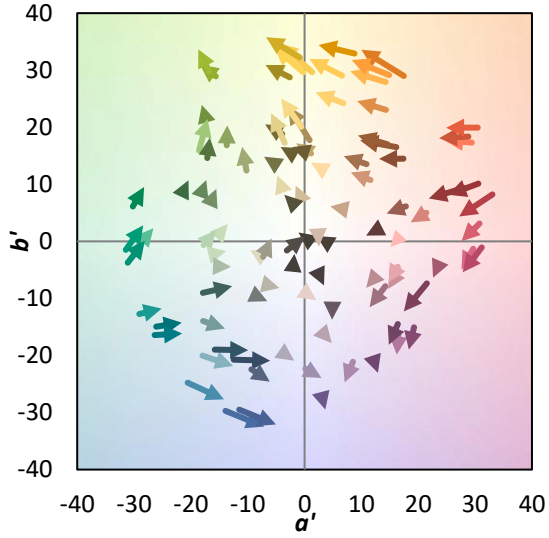



## Color Vector Graphics



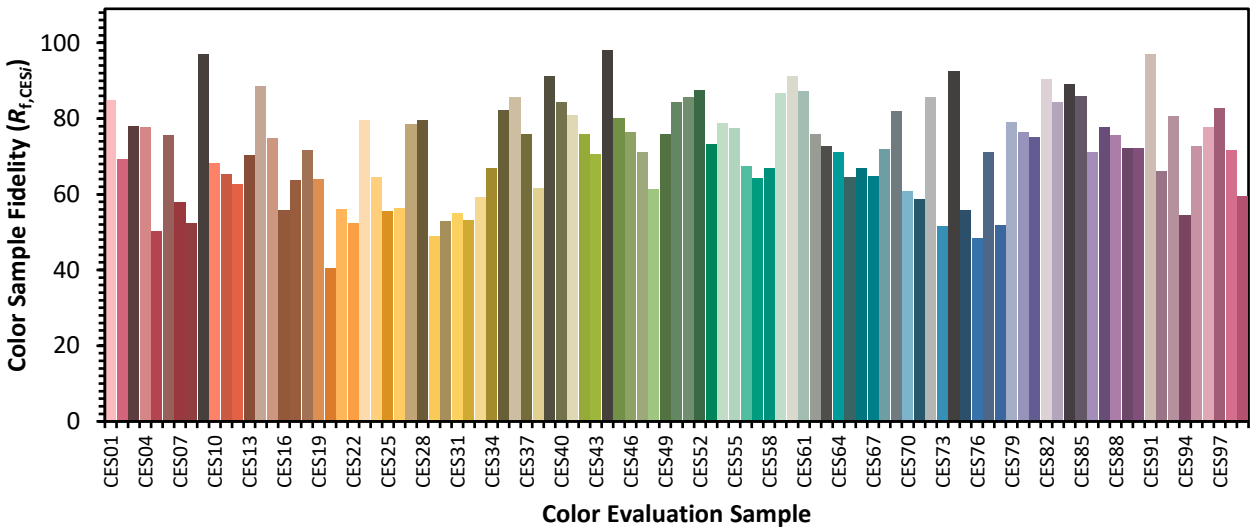



REPORT NUMBER: SP1-2407-184-1

# TM-30-18

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

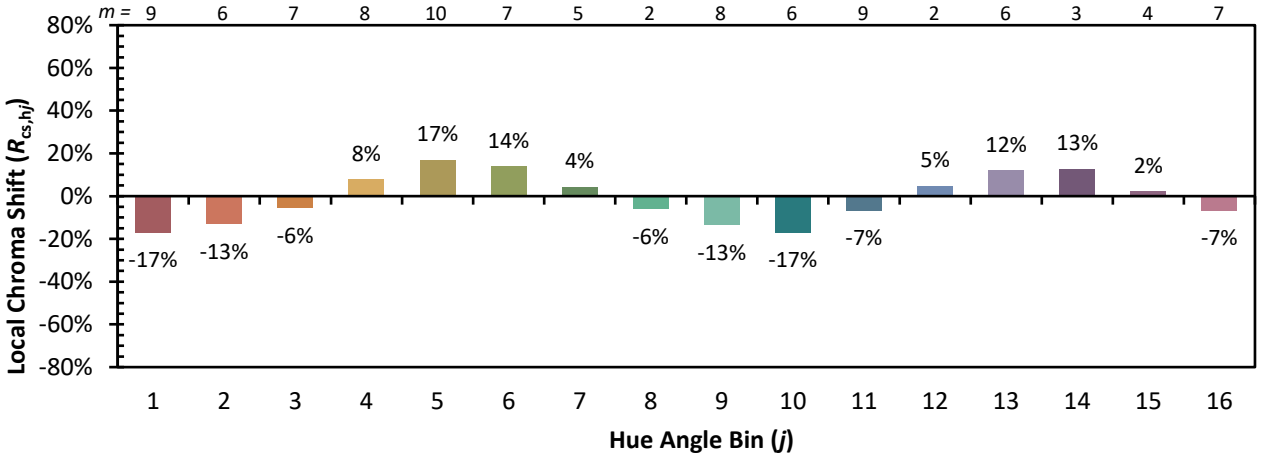
| | | | |
|---|---|---|---|
| CES01 = 85 | CES26 = 56 | CES51 = 86 | CES76 = 48 |
| CES02 = 61 | CES27 = 79 | CES52 = 88 | CES77 = 71 |
| CES03 = 30 | CES28 = 80 | CES53 = 73 | CES78 = 52 |
| CES04 = 70 | CES29 = 49 | CES54 = 79 | CES79 = 79 |
| CES05 = 47 | CES30 = 53 | CES55 = 77 | CES80 = 77 |
| CES06 = 50 | CES31 = 55 | CES56 = 67 | CES81 = 75 |
| CES07 = 40 | CES32 = 53 | CES57 = 64 | CES82 = 90 |
| CES08 = 39 | CES33 = 59 | CES58 = 67 | CES83 = 84 |
| CES09 = 29 | CES34 = 67 | CES59 = 87 | CES84 = 89 |
| CES10 = 74 | CES35 = 82 | CES60 = 91 | CES85 = 86 |
| CES11 = 57 | CES36 = 86 | CES61 = 87 | CES86 = 71 |
| CES12 = 63 | CES37 = 76 | CES62 = 76 | CES87 = 78 |
| CES13 = 42 | CES38 = 62 | CES63 = 73 | CES88 = 76 |
| CES14 = 74 | CES39 = 91 | CES64 = 71 | CES89 = 72 |
| CES15 = 71 | CES40 = 84 | CES65 = 64 | CES90 = 72 |
| CES16 = 46 | CES41 = 81 | CES66 = 67 | CES91 = 97 |
| CES17 = 49 | CES42 = 76 | CES67 = 65 | CES92 = 66 |
| CES18 = 56 | CES43 = 71 | CES68 = 72 | CES93 = 81 |
| CES19 = 72 | CES44 = 98 | CES69 = 82 | CES94 = 55 |
| CES20 = 65 | CES45 = 80 | CES70 = 61 | CES95 = 73 |
| CES21 = 86 | CES46 = 76 | CES71 = 59 | CES96 = 78 |
| CES22 = 78 | CES47 = 71 | CES72 = 86 | CES97 = 83 |
| CES23 = 92 | CES48 = 61 | CES73 = 52 | CES98 = 72 |
| CES24 = 91 | CES49 = 76 | CES74 = 93 | CES99 = 60 |
| CES25 = 72 | CES50 = 84 | CES75 = 56 | |

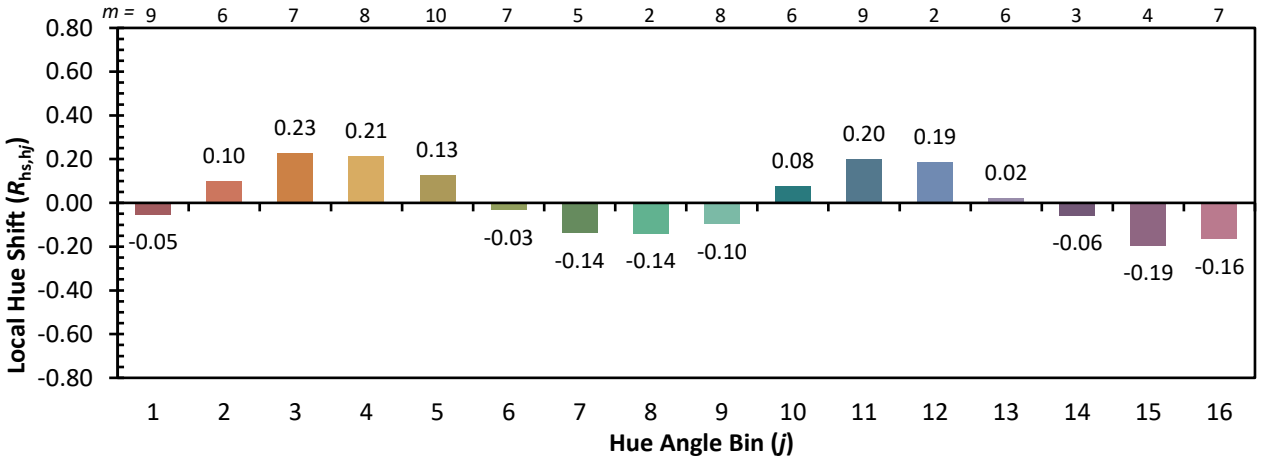


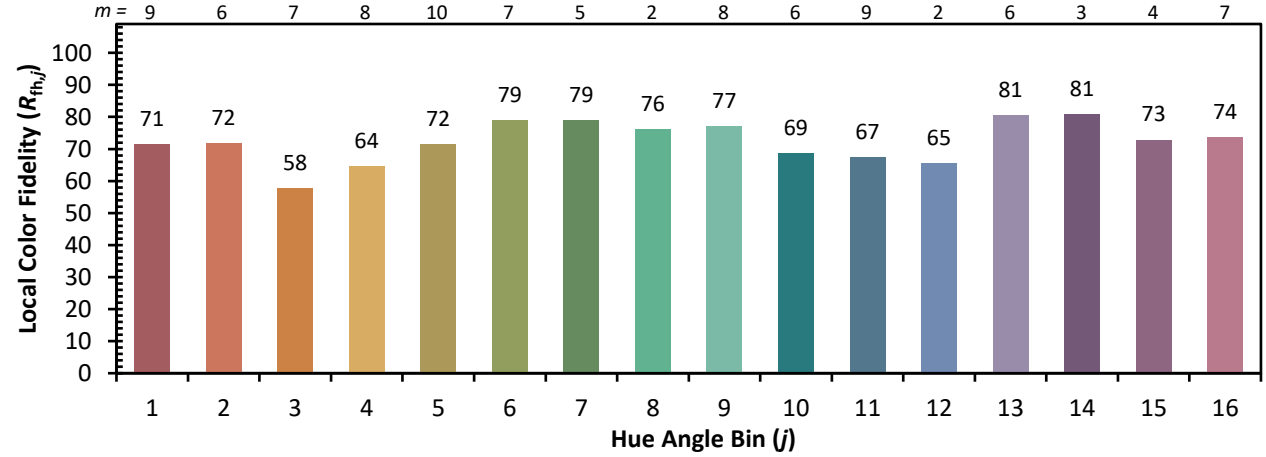
REPORT NUMBER: SP1-2407-184-1

**TM-30-18**

## Color Rendition by Hue-Angle Bin



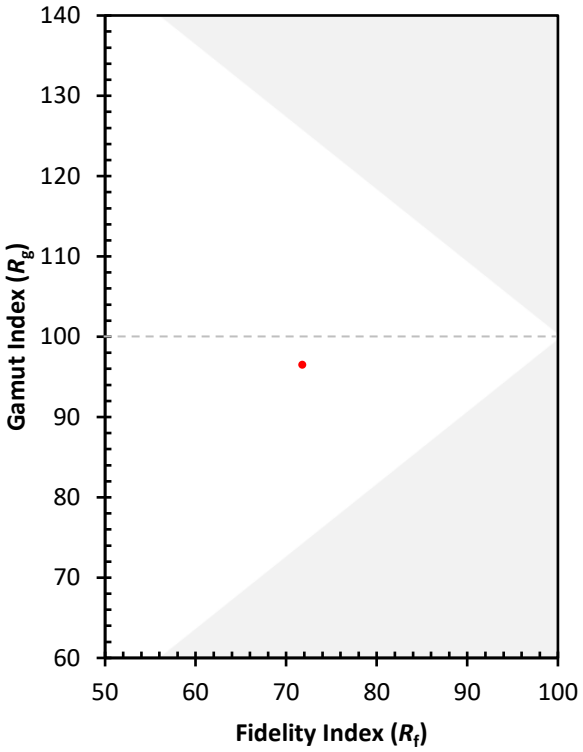



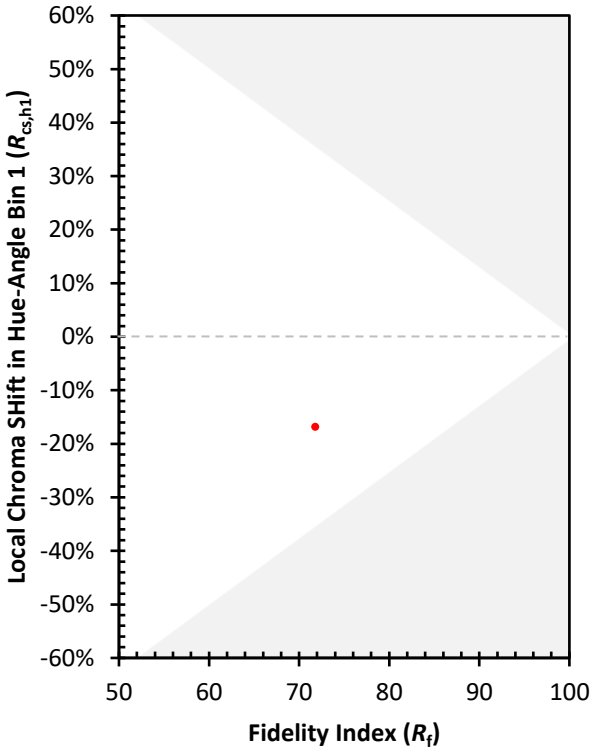



REPORT NUMBER: SP1-2407-184-1

# TM-30-18

## Measure Comparisons




(END OF REPORT)