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: P1364463

Luminaire Tested: **GSS-SB3A-935-U-SLR**

Issue Date: 02/18/2026

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364463 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB3A-935-U-SLR |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 90CRI 3500K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC |
| Light Source: | (78) 3500K CCT, 90 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

Luminaire Equipment:

| Sample No. | Condition | Description |
|---|---|---|
| a | good | reflector |
| b | good | lens |
| c | good | housing |
| d | good | cord |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 8275.6 lumens |
| Efficiency: | N/A |
| Efficacy: | 97.4 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B2 - U0 - G2 |

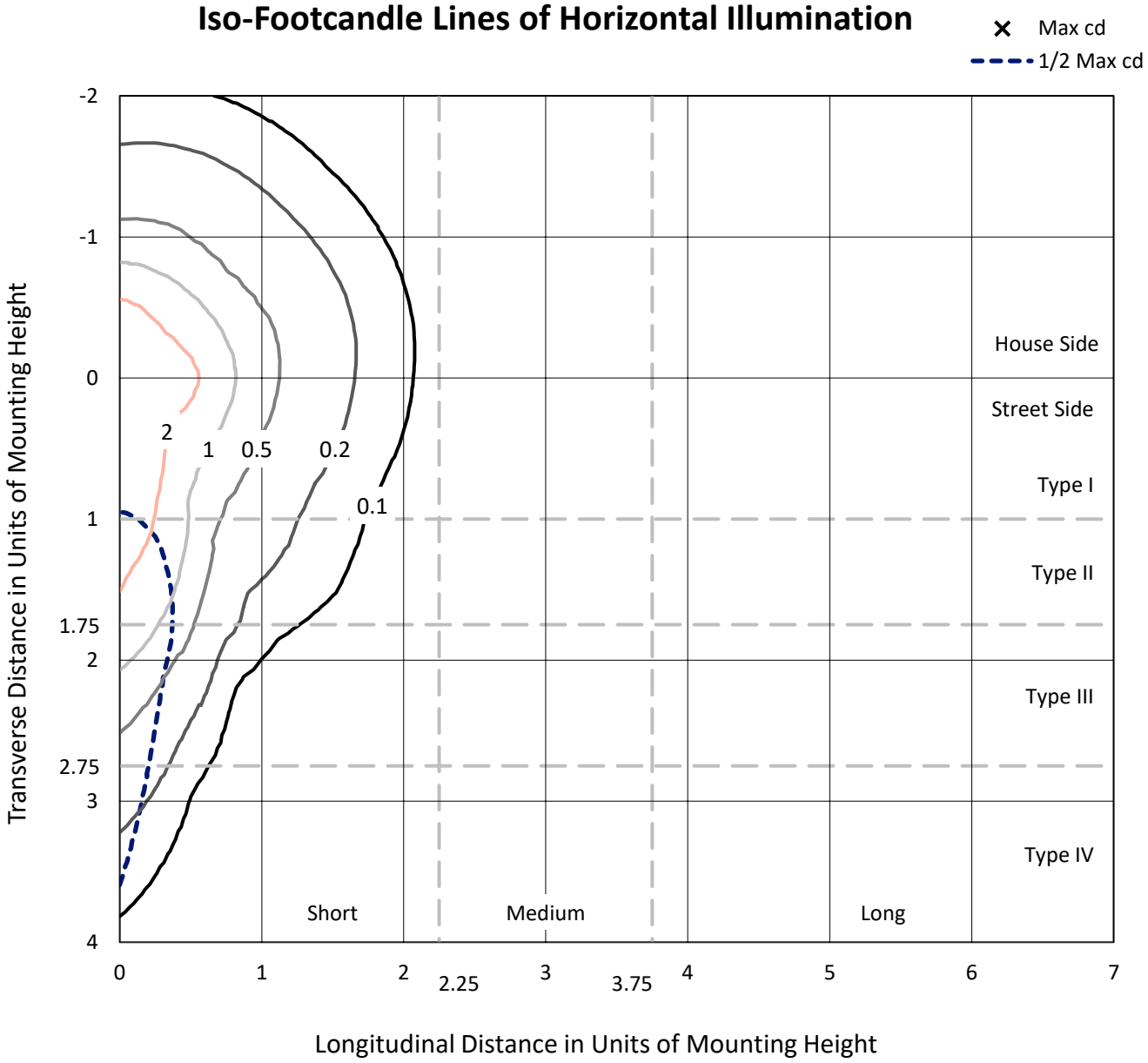
| | |
|---|---|
| Input Watts (W): | 85 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 11.0% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



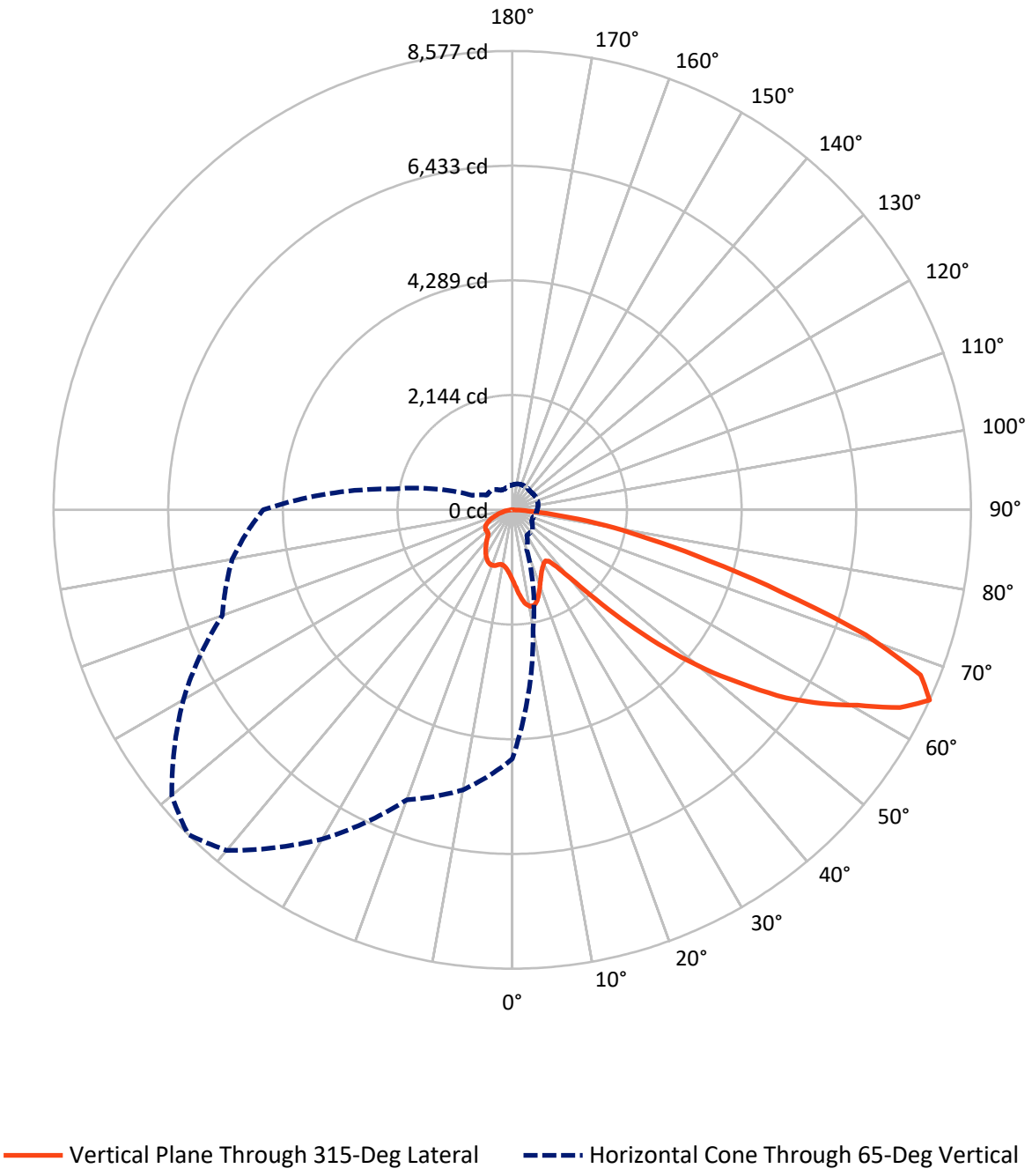

Based on 20 foot mounting height. Maximum calculated value = 3.9 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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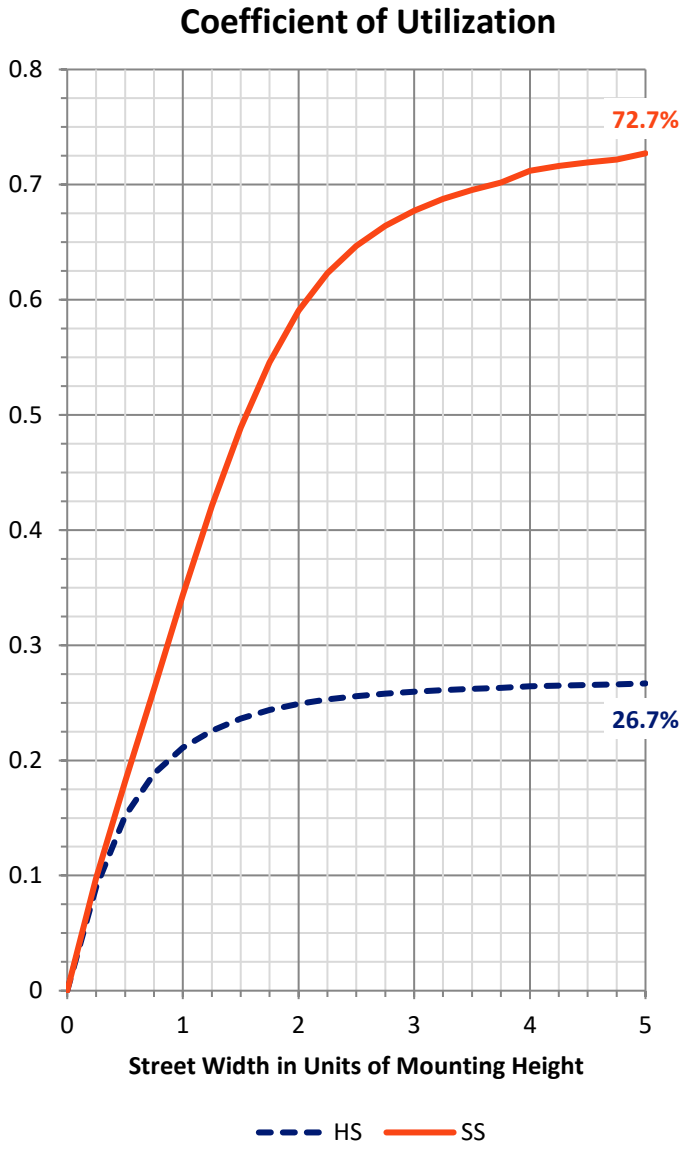
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 2226.3 | 0.0 | 2226.3 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 6049.3 | 0.0 | 6049.3 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 8275.6 | 0.0 | 8275.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 130.3 | 1.6 |
| 10°-20° | 399.3 | 4.8 |
| 20°-30° | 618.0 | 7.5 |
| 30°-40° | 766.7 | 9.3 |
| 40°-50° | 1121.2 | 13.5 |
| 50°-60° | 1756.2 | 21.2 |
| 60°-70° | 2083.8 | 25.2 |
| 70°-80° | 1215.4 | 14.7 |
| 80°-90° | 184.9 | 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° | 8275.6 | 100.0 |
| 0°-180° | 8275.6 | 100.0 |



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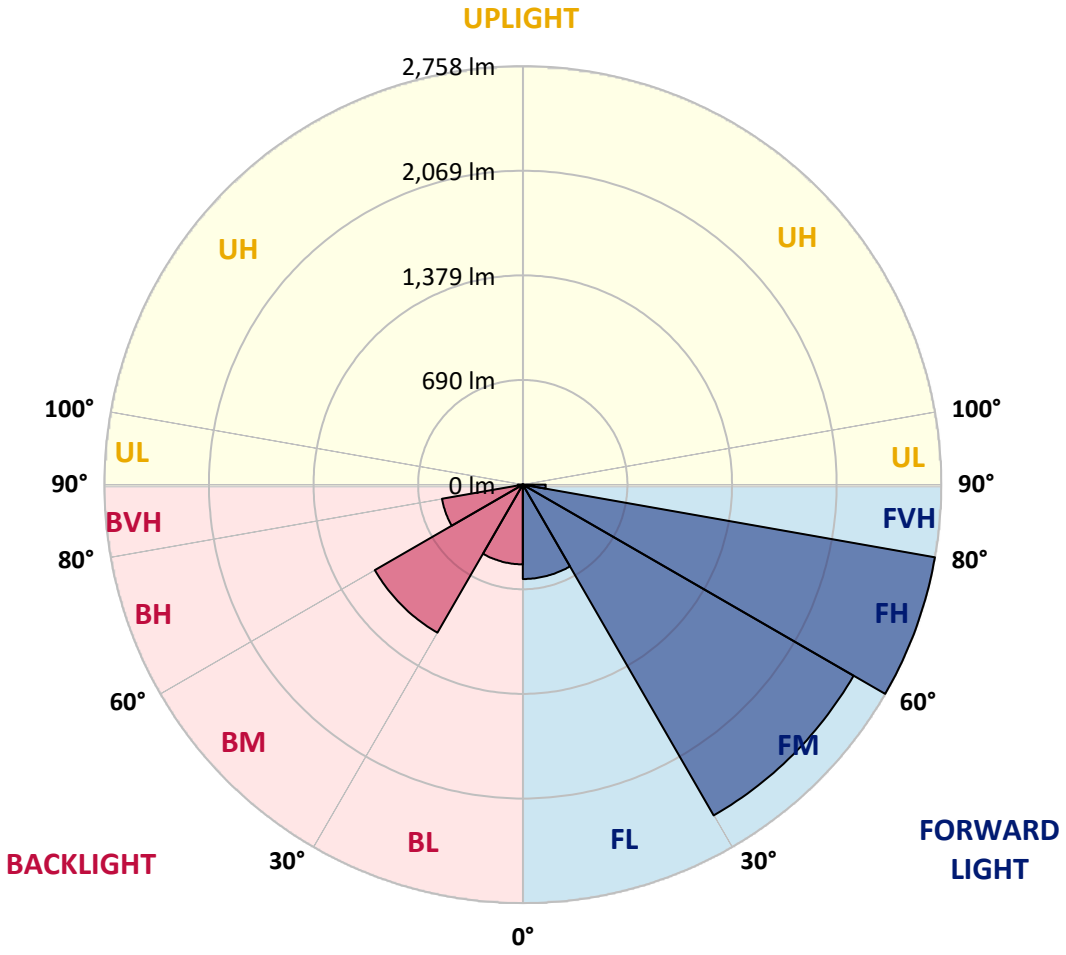
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 622.0 | 7.5 | | | |
| FM | (30°-60°) | 2517.6 | 30.4 | | | |
| FH | (60°-80°) | 2758.5 | 33.3 | | | G2/5000 |
| FVH | (80°-90°) | 151.2 | 1.8 | | | G2/225 |
| BL | (0°-30°) | 525.6 | 6.4 | B2/1000 | | |
| BM | (30°-60°) | 1126.4 | 13.6 | B2/2500 | | |
| BH | (60°-80°) | 540.7 | 6.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 33.7 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B2-U0-G2**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 |
| 2.5° | 1425.8 | 1412.9 | 1400.1 | 1388.4 | 1376.6 | 1364.9 | 1353.0 | 1341.6 | 1330.1 | 1318.6 | 1308.4 |
| 5° | 1523.0 | 1500.1 | 1477.4 | 1453.5 | 1429.9 | 1406.6 | 1383.3 | 1361.3 | 1339.4 | 1316.5 | 1296.9 |
| 7.5° | 1621.1 | 1582.7 | 1544.2 | 1508.0 | 1471.8 | 1439.4 | 1407.0 | 1378.1 | 1348.9 | 1318.6 | 1294.9 |
| 10° | 1682.8 | 1636.9 | 1590.8 | 1545.8 | 1500.7 | 1460.8 | 1420.8 | 1387.4 | 1354.0 | 1321.6 | 1296.3 |
| 12.5° | 1714.2 | 1668.5 | 1622.7 | 1572.3 | 1521.9 | 1477.2 | 1432.5 | 1395.7 | 1359.0 | 1323.6 | 1298.9 |
| 15° | 1729.4 | 1683.0 | 1636.9 | 1585.7 | 1534.5 | 1486.3 | 1438.0 | 1396.5 | 1355.0 | 1315.5 | 1293.7 |
| 17.5° | 1733.4 | 1690.1 | 1647.0 | 1592.4 | 1537.7 | 1482.7 | 1427.8 | 1379.5 | 1331.3 | 1285.2 | 1266.5 |
| 20° | 1746.6 | 1702.9 | 1659.2 | 1600.5 | 1541.8 | 1477.2 | 1412.7 | 1349.1 | 1285.6 | 1224.4 | 1212.7 |
| 22.5° | 1760.8 | 1720.7 | 1680.8 | 1616.3 | 1551.9 | 1473.0 | 1394.0 | 1314.3 | 1234.6 | 1161.7 | 1150.6 |
| 25° | 1783.0 | 1748.4 | 1713.8 | 1643.4 | 1573.0 | 1472.6 | 1372.2 | 1272.8 | 1173.4 | 1089.9 | 1088.8 |
| 27.5° | 1815.4 | 1788.9 | 1762.4 | 1683.0 | 1603.9 | 1476.4 | 1348.9 | 1230.3 | 1111.5 | 1026.1 | 1031.2 |
| 30° | 1860.9 | 1840.1 | 1819.5 | 1730.0 | 1640.3 | 1484.7 | 1329.3 | 1193.3 | 1057.5 | 974.5 | 980.0 |
| 32.5° | 1916.6 | 1903.7 | 1890.7 | 1785.3 | 1679.8 | 1494.0 | 1308.4 | 1160.9 | 1013.6 | 937.1 | 937.1 |
| 35° | 2010.7 | 1994.5 | 1978.3 | 1843.9 | 1709.8 | 1491.8 | 1274.0 | 1124.1 | 973.9 | 914.8 | 902.2 |
| 37.5° | 2130.1 | 2110.9 | 2091.7 | 1915.6 | 1739.5 | 1485.5 | 1231.5 | 1083.2 | 935.0 | 888.5 | 864.6 |
| 40° | 2306.2 | 2268.4 | 2230.3 | 1997.6 | 1764.8 | 1471.4 | 1177.9 | 1034.4 | 890.9 | 854.1 | 824.1 |
| 42.5° | 2553.1 | 2473.0 | 2392.6 | 2088.2 | 1783.4 | 1446.9 | 1110.1 | 976.3 | 842.3 | 816.6 | 779.6 |
| 45° | 2859.7 | 2731.2 | 2602.7 | 2211.3 | 1819.9 | 1430.1 | 1040.3 | 917.2 | 794.4 | 771.1 | 734.3 |
| 47.5° | 3153.2 | 2990.5 | 2827.7 | 2337.8 | 1847.8 | 1410.4 | 973.1 | 858.5 | 744.4 | 717.5 | 683.1 |
| 50° | 3493.2 | 3272.6 | 3052.0 | 2448.1 | 1844.1 | 1377.0 | 909.7 | 806.3 | 702.7 | 665.9 | 631.9 |
| 52.5° | 3929.3 | 3579.0 | 3228.5 | 2500.3 | 1771.9 | 1308.6 | 845.6 | 759.4 | 673.5 | 626.4 | 590.0 |
| 55° | 4450.5 | 3886.8 | 3323.2 | 2486.5 | 1649.9 | 1218.0 | 785.7 | 720.1 | 654.1 | 607.2 | 564.3 |
| 57.5° | 4981.8 | 4145.3 | 3309.0 | 2411.4 | 1513.9 | 1123.0 | 732.2 | 686.9 | 641.6 | 602.1 | 549.5 |
| 60° | 5380.5 | 4261.1 | 3141.4 | 2231.5 | 1321.6 | 1003.0 | 684.5 | 652.7 | 620.9 | 590.0 | 537.3 |
| 62.5° | 5215.5 | 4004.2 | 2792.9 | 1936.6 | 1080.3 | 850.8 | 621.3 | 603.5 | 585.9 | 572.8 | 522.6 |
| 65° | *4658.9* | *3453.7* | *2248.5* | *1519.1* | *789.7* | *668.7* | *547.5* | *543.6* | *540.0* | *536.3* | *494.8* |
| 67.5° | 4136.8 | 2966.2 | 1795.6 | 1182.1 | 568.7 | 511.2 | 453.8 | 464.5 | 475.2 | 480.7 | 452.3 |
| 70° | 3636.9 | 2519.9 | 1402.9 | 905.9 | 408.8 | 388.6 | 368.3 | 384.3 | 400.3 | 398.7 | 384.9 |
| 72.5° | 3121.8 | 2092.5 | 1062.9 | 681.0 | 299.1 | 298.7 | 298.5 | 310.7 | 322.8 | 306.6 | 315.3 |
| 75° | 2556.1 | 1670.7 | 785.3 | 504.8 | 224.2 | 222.8 | 221.6 | 236.0 | 250.6 | 257.0 | 262.7 |
| 77.5° | 1700.0 | 1096.1 | 492.2 | 326.2 | 160.3 | 161.5 | 162.3 | 178.1 | 193.9 | 212.5 | 213.5 |
| 80° | 997.8 | 628.4 | 259.1 | 180.3 | 101.6 | 102.8 | 103.6 | 120.2 | 136.6 | 162.9 | 161.9 |
| 82.5° | 498.9 | 314.9 | 131.1 | 96.9 | 62.7 | 62.9 | 63.1 | 71.2 | 79.3 | 94.1 | 98.2 |
| 85° | 113.3 | 74.9 | 36.4 | 30.8 | 25.3 | 26.5 | 27.9 | 33.2 | 38.5 | 46.5 | 49.0 |
| 87.5° | 9.1 | 8.9 | 8.5 | 8.3 | 8.1 | 8.5 | 9.1 | 10.1 | 11.1 | 12.1 | 14.2 |
| 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° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 |
| 2.5° | 1297.5 | 1286.8 | 1278.3 | 1270.0 | 1262.7 | 1255.2 | 1246.5 | 1237.6 | 1231.3 | 1224.8 | 1220.6 |
| 5° | 1277.5 | 1258.4 | 1242.7 | 1226.9 | 1213.9 | 1200.6 | 1188.8 | 1176.9 | 1167.6 | 1158.1 | 1150.4 |
| 7.5° | 1271.2 | 1247.7 | 1227.3 | 1206.6 | 1189.2 | 1171.8 | 1157.2 | 1142.5 | 1128.5 | 1114.7 | 1105.8 |
| 10° | 1271.4 | 1246.7 | 1225.7 | 1204.6 | 1186.2 | 1167.8 | 1148.5 | 1129.3 | 1113.9 | 1098.6 | 1085.2 |
| 12.5° | 1278.3 | 1257.8 | 1243.1 | 1228.5 | 1211.5 | 1194.5 | 1171.6 | 1148.5 | 1127.7 | 1107.1 | 1090.7 |
| 15° | 1280.3 | 1266.9 | 1265.7 | 1264.5 | 1258.6 | 1252.8 | 1231.5 | 1210.3 | 1181.5 | 1152.6 | 1129.1 |
| 17.5° | 1264.7 | 1262.9 | 1282.9 | 1303.0 | 1314.5 | 1326.0 | 1311.3 | 1296.3 | 1255.8 | 1215.3 | 1180.3 |
| 20° | 1224.2 | 1235.6 | 1274.8 | 1313.9 | 1345.1 | 1376.2 | 1374.6 | 1373.2 | 1320.4 | 1267.3 | 1221.4 |
| 22.5° | 1167.6 | 1184.4 | 1235.6 | 1286.8 | 1331.7 | 1376.6 | 1388.2 | 1399.5 | 1347.7 | 1295.7 | 1239.0 |
| 25° | 1107.3 | 1125.7 | 1173.0 | 1220.4 | 1268.8 | 1317.1 | 1338.6 | 1360.0 | 1317.3 | 1274.6 | 1219.6 |
| 27.5° | 1048.8 | 1066.6 | 1101.8 | 1137.0 | 1175.9 | 1214.7 | 1238.8 | 1262.9 | 1236.8 | 1210.7 | 1166.2 |
| 30° | 993.7 | 1007.5 | 1033.0 | 1058.5 | 1084.8 | 1111.1 | 1130.3 | 1149.6 | 1132.4 | 1115.2 | 1083.2 |
| 32.5° | 942.9 | 948.8 | 965.4 | 982.0 | 1001.6 | 1021.0 | 1031.8 | 1042.3 | 1028.9 | 1015.6 | 994.5 |
| 35° | 897.4 | 892.5 | 903.5 | 914.4 | 930.2 | 946.2 | 954.3 | 962.3 | 951.2 | 940.1 | 921.3 |
| 37.5° | 851.6 | 838.3 | 843.5 | 848.4 | 862.0 | 875.3 | 886.9 | 898.6 | 890.5 | 882.4 | 866.4 |
| 40° | 804.7 | 785.3 | 784.9 | 784.2 | 797.2 | 810.0 | 824.5 | 838.9 | 837.5 | 835.9 | 820.7 |
| 42.5° | 754.9 | 730.2 | 727.6 | 724.9 | 737.7 | 750.5 | 765.8 | 781.2 | 784.2 | 787.3 | 774.7 |
| 45° | 708.8 | 683.7 | 679.6 | 675.6 | 686.5 | 697.8 | 714.6 | 731.6 | 738.7 | 745.8 | 734.5 |
| 47.5° | 661.4 | 639.5 | 637.1 | 634.5 | 646.0 | 657.8 | 676.4 | 695.2 | 702.7 | 710.4 | 702.7 |
| 50° | 614.0 | 596.0 | 599.1 | 602.1 | 614.9 | 627.4 | 642.0 | 656.7 | 670.7 | 684.5 | 683.1 |
| 52.5° | 576.6 | 563.0 | 572.6 | 581.9 | 593.4 | 605.1 | 620.3 | 635.5 | 650.1 | 664.8 | 667.1 |
| 55° | 549.3 | 534.3 | 547.7 | 561.0 | 575.0 | 588.9 | 603.1 | 617.3 | 631.0 | 644.6 | 647.6 |
| 57.5° | 528.4 | 507.6 | 520.9 | 534.3 | 549.5 | 564.7 | 578.8 | 593.0 | 609.0 | 625.0 | 627.4 |
| 60° | 511.0 | 484.7 | 493.6 | 502.3 | 517.9 | 533.3 | 548.1 | 562.6 | 578.8 | 595.0 | 598.3 |
| 62.5° | 488.2 | 453.8 | 455.0 | 455.8 | 473.4 | 490.8 | 502.9 | 515.1 | 530.5 | 546.0 | 550.7 |
| 65° | *457.8* | *421.0* | *416.9* | *412.9* | *429.5* | *446.3* | *455.8* | *465.5* | *478.8* | *492.2* | *496.9* |
| 67.5° | 419.8 | 387.0 | 378.7 | 370.4 | 385.7 | 401.1 | 409.0 | 416.9 | 426.0 | 435.1 | 440.4 |
| 70° | 365.5 | 346.1 | 340.8 | 335.6 | 348.1 | 360.7 | 367.5 | 374.4 | 381.7 | 389.0 | 391.8 |
| 72.5° | 310.9 | 306.6 | 302.8 | 299.1 | 308.6 | 318.2 | 324.0 | 329.9 | 336.8 | 343.7 | 345.3 |
| 75° | 260.3 | 258.0 | 255.2 | 252.6 | 259.9 | 267.2 | 271.6 | 276.3 | 283.3 | 290.4 | 293.5 |
| 77.5° | 208.3 | 202.8 | 200.0 | 196.7 | 203.4 | 210.1 | 214.3 | 218.6 | 224.4 | 230.3 | 231.1 |
| 80° | 155.4 | 148.8 | 146.5 | 144.1 | 149.0 | 153.8 | 155.4 | 156.8 | 161.7 | 166.4 | 166.4 |
| 82.5° | 98.2 | 98.2 | 96.7 | 95.1 | 94.1 | 93.1 | 91.1 | 89.1 | 93.9 | 98.8 | 100.4 |
| 85° | 49.4 | 49.6 | 47.4 | 44.9 | 42.1 | 38.9 | 38.3 | 37.4 | 37.2 | 36.8 | 38.3 |
| 87.5° | 15.4 | 16.6 | 17.8 | 18.6 | 19.8 | 20.6 | 20.0 | 19.2 | 18.4 | 17.8 | 16.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 |
| 2.5° | 1216.3 | 1214.3 | 1212.3 | 1210.7 | 1209.3 | 1208.2 | 1209.3 | 1210.7 | 1212.3 | 1214.3 | 1216.3 |
| 5° | 1142.5 | 1139.2 | 1135.8 | 1133.6 | 1131.3 | 1129.3 | 1131.3 | 1133.6 | 1135.8 | 1139.2 | 1142.5 |
| 7.5° | 1096.9 | 1091.7 | 1086.4 | 1082.6 | 1078.7 | 1076.7 | 1078.7 | 1082.6 | 1086.4 | 1091.7 | 1096.9 |
| 10° | 1072.2 | 1064.8 | 1057.5 | 1053.4 | 1049.4 | 1046.3 | 1049.4 | 1053.4 | 1057.5 | 1064.8 | 1072.2 |
| 12.5° | 1074.3 | 1065.0 | 1056.1 | 1050.0 | 1043.9 | 1040.3 | 1043.9 | 1050.0 | 1056.1 | 1065.0 | 1074.3 |
| 15° | 1105.4 | 1092.5 | 1079.1 | 1071.6 | 1064.1 | 1058.5 | 1064.1 | 1071.6 | 1079.1 | 1092.5 | 1105.4 |
| 17.5° | 1145.5 | 1126.5 | 1107.5 | 1100.8 | 1093.9 | 1090.9 | 1093.9 | 1100.8 | 1107.5 | 1126.5 | 1145.5 |
| 20° | 1175.5 | 1150.0 | 1124.9 | 1114.7 | 1104.6 | 1101.0 | 1104.6 | 1114.7 | 1124.9 | 1150.0 | 1175.5 |
| 22.5° | 1182.3 | 1152.4 | 1122.2 | 1112.7 | 1103.0 | 1099.0 | 1103.0 | 1112.7 | 1122.2 | 1152.4 | 1182.3 |
| 25° | 1164.7 | 1133.2 | 1101.4 | 1091.7 | 1081.8 | 1078.7 | 1081.8 | 1091.7 | 1101.4 | 1133.2 | 1164.7 |
| 27.5° | 1121.6 | 1093.7 | 1065.6 | 1055.2 | 1044.7 | 1038.2 | 1044.7 | 1055.2 | 1065.6 | 1093.7 | 1121.6 |
| 30° | 1051.4 | 1030.6 | 1009.9 | 1003.4 | 996.8 | 993.7 | 996.8 | 1003.4 | 1009.9 | 1030.6 | 1051.4 |
| 32.5° | 973.5 | 960.5 | 947.6 | 943.3 | 939.1 | 937.1 | 939.1 | 943.3 | 947.6 | 960.5 | 973.5 |
| 35° | 902.6 | 893.3 | 884.0 | 880.6 | 877.3 | 874.3 | 877.3 | 880.6 | 884.0 | 893.3 | 902.6 |
| 37.5° | 850.4 | 839.5 | 828.2 | 822.1 | 816.0 | 811.6 | 816.0 | 822.1 | 828.2 | 839.5 | 850.4 |
| 40° | 805.5 | 789.7 | 774.1 | 765.8 | 757.3 | 752.9 | 757.3 | 765.8 | 774.1 | 789.7 | 805.5 |
| 42.5° | 762.0 | 743.8 | 725.6 | 712.8 | 700.3 | 692.2 | 700.3 | 712.8 | 725.6 | 743.8 | 762.0 |
| 45° | 722.9 | 702.5 | 682.0 | 666.9 | 651.7 | 641.6 | 651.7 | 666.9 | 682.0 | 702.5 | 722.9 |
| 47.5° | 695.2 | 677.6 | 659.8 | 646.4 | 633.1 | 623.4 | 633.1 | 646.4 | 659.8 | 677.6 | 695.2 |
| 50° | 681.6 | 667.7 | 653.7 | 641.2 | 628.4 | 619.3 | 628.4 | 641.2 | 653.7 | 667.7 | 681.6 |
| 52.5° | 669.5 | 659.4 | 649.3 | 638.3 | 627.4 | 619.3 | 627.4 | 638.3 | 649.3 | 659.4 | 669.5 |
| 55° | 650.7 | 643.4 | 635.9 | 627.8 | 619.7 | 613.2 | 619.7 | 627.8 | 635.9 | 643.4 | 650.7 |
| 57.5° | 629.8 | 622.1 | 614.2 | 608.2 | 602.1 | 599.1 | 602.1 | 608.2 | 614.2 | 622.1 | 629.8 |
| 60° | 601.5 | 595.4 | 589.4 | 583.7 | 577.8 | 572.8 | 577.8 | 583.7 | 589.4 | 595.4 | 601.5 |
| 62.5° | 555.6 | 552.7 | 550.1 | 543.6 | 537.3 | 530.3 | 537.3 | 543.6 | 550.1 | 552.7 | 555.6 |
| 65° | *501.5* | *500.1* | *498.9* | *494.2* | *489.8* | *481.7* | *489.8* | *494.2* | *498.9* | *500.1* | *501.5* |
| 67.5° | 445.7 | 443.0 | 440.2 | 435.3 | 430.7 | 429.1 | 430.7 | 435.3 | 440.2 | 443.0 | 445.7 |
| 70° | 394.7 | 390.6 | 386.6 | 375.6 | 364.7 | 352.2 | 364.7 | 375.6 | 386.6 | 390.6 | 394.7 |
| 72.5° | 347.1 | 340.8 | 334.3 | 321.6 | 308.6 | 295.5 | 308.6 | 321.6 | 334.3 | 340.8 | 347.1 |
| 75° | 296.5 | 287.6 | 278.9 | 265.3 | 252.0 | 242.9 | 252.0 | 265.3 | 278.9 | 287.6 | 296.5 |
| 77.5° | 232.3 | 224.6 | 217.0 | 208.9 | 200.8 | 196.3 | 200.8 | 208.9 | 217.0 | 224.6 | 232.3 |
| 80° | 166.4 | 160.7 | 154.8 | 150.8 | 146.7 | 143.7 | 146.7 | 150.8 | 154.8 | 160.7 | 166.4 |
| 82.5° | 102.2 | 99.6 | 97.1 | 92.7 | 88.0 | 85.0 | 88.0 | 92.7 | 97.1 | 99.6 | 102.2 |
| 85° | 39.5 | 38.9 | 38.5 | 36.8 | 35.4 | 34.4 | 35.4 | 36.8 | 38.5 | 38.9 | 39.5 |
| 87.5° | 14.6 | 13.4 | 12.1 | 11.3 | 10.5 | 10.1 | 10.5 | 11.3 | 12.1 | 13.4 | 14.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1364463
CATALOG NUMBER: GSS-SB3A-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 |
| 2.5° | 1220.6 | 1224.8 | 1231.3 | 1237.6 | 1246.5 | 1255.2 | 1262.7 | 1270.0 | 1278.3 | 1286.8 | 1297.5 |
| 5° | 1150.4 | 1158.1 | 1167.6 | 1176.9 | 1188.8 | 1200.6 | 1213.9 | 1226.9 | 1242.7 | 1258.4 | 1277.5 |
| 7.5° | 1105.8 | 1114.7 | 1128.5 | 1142.5 | 1157.2 | 1171.8 | 1189.2 | 1206.6 | 1227.3 | 1247.7 | 1271.2 |
| 10° | 1085.2 | 1098.6 | 1113.9 | 1129.3 | 1148.5 | 1167.8 | 1186.2 | 1204.6 | 1225.7 | 1246.7 | 1271.4 |
| 12.5° | 1090.7 | 1107.1 | 1127.7 | 1148.5 | 1171.6 | 1194.5 | 1211.5 | 1228.5 | 1243.1 | 1257.8 | 1278.3 |
| 15° | 1129.1 | 1152.6 | 1181.5 | 1210.3 | 1231.5 | 1252.8 | 1258.6 | 1264.5 | 1265.7 | 1266.9 | 1280.3 |
| 17.5° | 1180.3 | 1215.3 | 1255.8 | 1296.3 | 1311.3 | 1326.0 | 1314.5 | 1303.0 | 1282.9 | 1262.9 | 1264.7 |
| 20° | 1221.4 | 1267.3 | 1320.4 | 1373.2 | 1374.6 | 1376.2 | 1345.1 | 1313.9 | 1274.8 | 1235.6 | 1224.2 |
| 22.5° | 1239.0 | 1295.7 | 1347.7 | 1399.5 | 1388.2 | 1376.6 | 1331.7 | 1286.8 | 1235.6 | 1184.4 | 1167.6 |
| 25° | 1219.6 | 1274.6 | 1317.3 | 1360.0 | 1338.6 | 1317.1 | 1268.8 | 1220.4 | 1173.0 | 1125.7 | 1107.3 |
| 27.5° | 1166.2 | 1210.7 | 1236.8 | 1262.9 | 1238.8 | 1214.7 | 1175.9 | 1137.0 | 1101.8 | 1066.6 | 1048.8 |
| 30° | 1083.2 | 1115.2 | 1132.4 | 1149.6 | 1130.3 | 1111.1 | 1084.8 | 1058.5 | 1033.0 | 1007.5 | 993.7 |
| 32.5° | 994.5 | 1015.6 | 1028.9 | 1042.3 | 1031.8 | 1021.0 | 1001.6 | 982.0 | 965.4 | 948.8 | 942.9 |
| 35° | 921.3 | 940.1 | 951.2 | 962.3 | 954.3 | 946.2 | 930.2 | 914.4 | 903.5 | 892.5 | 897.4 |
| 37.5° | 866.4 | 882.4 | 890.5 | 898.6 | 886.9 | 875.3 | 862.0 | 848.4 | 843.5 | 838.3 | 851.6 |
| 40° | 820.7 | 835.9 | 837.5 | 838.9 | 824.5 | 810.0 | 797.2 | 784.2 | 784.9 | 785.3 | 804.7 |
| 42.5° | 774.7 | 787.3 | 784.2 | 781.2 | 765.8 | 750.5 | 737.7 | 724.9 | 727.6 | 730.2 | 754.9 |
| 45° | 734.5 | 745.8 | 738.7 | 731.6 | 714.6 | 697.8 | 686.5 | 675.6 | 679.6 | 683.7 | 708.8 |
| 47.5° | 702.7 | 710.4 | 702.7 | 695.2 | 676.4 | 657.8 | 646.0 | 634.5 | 637.1 | 639.5 | 661.4 |
| 50° | 683.1 | 684.5 | 670.7 | 656.7 | 642.0 | 627.4 | 614.9 | 602.1 | 599.1 | 596.0 | 614.0 |
| 52.5° | 667.1 | 664.8 | 650.1 | 635.5 | 620.3 | 605.1 | 593.4 | 581.9 | 572.6 | 563.0 | 576.6 |
| 55° | 647.6 | 644.6 | 631.0 | 617.3 | 603.1 | 588.9 | 575.0 | 561.0 | 547.7 | 534.3 | 549.3 |
| 57.5° | 627.4 | 625.0 | 609.0 | 593.0 | 578.8 | 564.7 | 549.5 | 534.3 | 520.9 | 507.6 | 528.4 |
| 60° | 598.3 | 595.0 | 578.8 | 562.6 | 548.1 | 533.3 | 517.9 | 502.3 | 493.6 | 484.7 | 511.0 |
| 62.5° | 550.7 | 546.0 | 530.5 | 515.1 | 502.9 | 490.8 | 473.4 | 455.8 | 455.0 | 453.8 | 488.2 |
| 65° | *496.9* | *492.2* | *478.8* | *465.5* | *455.8* | *446.3* | *429.5* | *412.9* | *416.9* | *421.0* | *457.8* |
| 67.5° | 440.4 | 435.1 | 426.0 | 416.9 | 409.0 | 401.1 | 385.7 | 370.4 | 378.7 | 387.0 | 419.8 |
| 70° | 391.8 | 389.0 | 381.7 | 374.4 | 367.5 | 360.7 | 348.1 | 335.6 | 340.8 | 346.1 | 365.5 |
| 72.5° | 345.3 | 343.7 | 336.8 | 329.9 | 324.0 | 318.2 | 308.6 | 299.1 | 302.8 | 306.6 | 310.9 |
| 75° | 293.5 | 290.4 | 283.3 | 276.3 | 271.6 | 267.2 | 259.9 | 252.6 | 255.2 | 258.0 | 260.3 |
| 77.5° | 231.1 | 230.3 | 224.4 | 218.6 | 214.3 | 210.1 | 203.4 | 196.7 | 200.0 | 202.8 | 208.3 |
| 80° | 166.4 | 166.4 | 161.7 | 156.8 | 155.4 | 153.8 | 149.0 | 144.1 | 146.5 | 148.8 | 155.4 |
| 82.5° | 100.4 | 98.8 | 93.9 | 89.1 | 91.1 | 93.1 | 94.1 | 95.1 | 96.7 | 98.2 | 98.2 |
| 85° | 38.3 | 36.8 | 37.2 | 37.4 | 38.3 | 38.9 | 42.1 | 44.9 | 47.4 | 49.6 | 49.4 |
| 87.5° | 16.2 | 17.8 | 18.4 | 19.2 | 20.0 | 20.6 | 19.8 | 18.6 | 17.8 | 16.6 | 15.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1364463
CATALOG NUMBER: GSS-SB3A-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 |
| 2.5° | 1308.4 | 1318.6 | 1330.1 | 1341.6 | 1353.0 | 1364.9 | 1376.6 | 1388.4 | 1400.1 | 1412.9 | 1425.8 |
| 5° | 1296.9 | 1316.5 | 1339.4 | 1361.3 | 1383.3 | 1406.6 | 1429.9 | 1453.5 | 1477.4 | 1500.1 | 1523.0 |
| 7.5° | 1294.9 | 1318.6 | 1348.9 | 1378.1 | 1407.0 | 1439.4 | 1471.8 | 1508.0 | 1544.2 | 1582.7 | 1621.1 |
| 10° | 1296.3 | 1321.6 | 1354.0 | 1387.4 | 1420.8 | 1460.8 | 1500.7 | 1545.8 | 1590.8 | 1636.9 | 1682.8 |
| 12.5° | 1298.9 | 1323.6 | 1359.0 | 1395.7 | 1432.5 | 1477.2 | 1521.9 | 1572.3 | 1622.7 | 1668.5 | 1714.2 |
| 15° | 1293.7 | 1315.5 | 1355.0 | 1396.5 | 1438.0 | 1486.3 | 1534.5 | 1585.7 | 1636.9 | 1683.0 | 1729.4 |
| 17.5° | 1266.5 | 1285.2 | 1331.3 | 1379.5 | 1427.8 | 1482.7 | 1537.7 | 1592.4 | 1647.0 | 1690.1 | 1733.4 |
| 20° | 1212.7 | 1224.4 | 1285.6 | 1349.1 | 1412.7 | 1477.2 | 1541.8 | 1600.5 | 1659.2 | 1702.9 | 1746.6 |
| 22.5° | 1150.6 | 1161.7 | 1234.6 | 1314.3 | 1394.0 | 1473.0 | 1551.9 | 1616.3 | 1680.8 | 1720.7 | 1760.8 |
| 25° | 1088.8 | 1089.9 | 1173.4 | 1272.8 | 1372.2 | 1472.6 | 1573.0 | 1643.4 | 1713.8 | 1748.4 | 1783.0 |
| 27.5° | 1031.2 | 1026.1 | 1111.5 | 1230.3 | 1348.9 | 1476.4 | 1603.9 | 1683.0 | 1762.4 | 1788.9 | 1815.4 |
| 30° | 980.0 | 974.5 | 1057.5 | 1193.3 | 1329.3 | 1484.7 | 1640.3 | 1730.0 | 1819.5 | 1840.1 | 1860.9 |
| 32.5° | 937.1 | 937.1 | 1013.6 | 1160.9 | 1308.4 | 1494.0 | 1679.8 | 1785.3 | 1890.7 | 1903.7 | 1916.6 |
| 35° | 902.2 | 914.8 | 973.9 | 1124.1 | 1274.0 | 1491.8 | 1709.8 | 1843.9 | 1978.3 | 1994.5 | 2010.7 |
| 37.5° | 864.6 | 888.5 | 935.0 | 1083.2 | 1231.5 | 1485.5 | 1739.5 | 1915.6 | 2091.7 | 2110.9 | 2130.1 |
| 40° | 824.1 | 854.1 | 890.9 | 1034.4 | 1177.9 | 1471.4 | 1764.8 | 1997.6 | 2230.3 | 2268.4 | 2306.2 |
| 42.5° | 779.6 | 816.6 | 842.3 | 976.3 | 1110.1 | 1446.9 | 1783.4 | 2088.2 | 2392.6 | 2473.0 | 2553.1 |
| 45° | 734.3 | 771.1 | 794.4 | 917.2 | 1040.3 | 1430.1 | 1819.9 | 2211.3 | 2602.7 | 2731.2 | 2859.7 |
| 47.5° | 683.1 | 717.5 | 744.4 | 858.5 | 973.1 | 1410.4 | 1847.8 | 2337.8 | 2827.7 | 2990.5 | 3153.2 |
| 50° | 631.9 | 665.9 | 702.7 | 806.3 | 909.7 | 1377.0 | 1844.1 | 2448.1 | 3052.0 | 3272.6 | 3493.2 |
| 52.5° | 590.0 | 626.4 | 673.5 | 759.4 | 845.6 | 1308.6 | 1771.9 | 2500.3 | 3228.5 | 3579.0 | 3929.3 |
| 55° | 564.3 | 607.2 | 654.1 | 720.1 | 785.7 | 1218.0 | 1649.9 | 2486.5 | 3323.2 | 3886.8 | 4450.5 |
| 57.5° | 549.5 | 602.1 | 641.6 | 686.9 | 732.2 | 1123.0 | 1513.9 | 2411.4 | 3309.0 | 4145.3 | 4981.8 |
| 60° | 537.3 | 590.0 | 620.9 | 652.7 | 684.5 | 1003.0 | 1321.6 | 2231.5 | 3141.4 | 4261.1 | 5380.5 |
| 62.5° | 522.6 | 572.8 | 585.9 | 603.5 | 621.3 | 850.8 | 1080.3 | 1936.6 | 2792.9 | 4004.2 | 5215.5 |
| 65° | *494.8* | *536.3* | *540.0* | *543.6* | *547.5* | *668.7* | *789.7* | *1519.1* | *2248.5* | *3453.7* | *4658.9* |
| 67.5° | 452.3 | 480.7 | 475.2 | 464.5 | 453.8 | 511.2 | 568.7 | 1182.1 | 1795.6 | 2966.2 | 4136.8 |
| 70° | 384.9 | 398.7 | 400.3 | 384.3 | 368.3 | 388.6 | 408.8 | 905.9 | 1402.9 | 2519.9 | 3636.9 |
| 72.5° | 315.3 | 306.6 | 322.8 | 310.7 | 298.5 | 298.7 | 299.1 | 681.0 | 1062.9 | 2092.5 | 3121.8 |
| 75° | 262.7 | 257.0 | 250.6 | 236.0 | 221.6 | 222.8 | 224.2 | 504.8 | 785.3 | 1670.7 | 2556.1 |
| 77.5° | 213.5 | 212.5 | 193.9 | 178.1 | 162.3 | 161.5 | 160.3 | 326.2 | 492.2 | 1096.1 | 1700.0 |
| 80° | 161.9 | 162.9 | 136.6 | 120.2 | 103.6 | 102.8 | 101.6 | 180.3 | 259.1 | 628.4 | 997.8 |
| 82.5° | 98.2 | 94.1 | 79.3 | 71.2 | 63.1 | 62.9 | 62.7 | 96.9 | 131.1 | 314.9 | 498.9 |
| 85° | 49.0 | 46.5 | 38.5 | 33.2 | 27.9 | 26.5 | 25.3 | 30.8 | 36.4 | 74.9 | 113.3 |
| 87.5° | 14.2 | 12.1 | 11.1 | 10.1 | 9.1 | 8.5 | 8.1 | 8.3 | 8.5 | 8.9 | 9.1 |
| 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: P1364463
CATALOG NUMBER: GSS-SB3A-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | *1319.6* | 1319.6 | 1319.6 |
| 2.5° | 1430.9 | 1435.9 | 1441.4 | 1447.1 | 1450.3 | 1453.5 | 1457.0 | 1460.2 | *1463.3* | 1460.2 | 1457.0 |
| 5° | 1545.8 | 1568.5 | 1583.9 | 1599.3 | 1611.0 | 1622.7 | 1629.4 | 1636.3 | *1637.3* | 1636.3 | 1629.4 |
| 7.5° | 1648.2 | 1675.4 | 1698.8 | 1722.3 | 1737.3 | 1752.3 | 1761.0 | 1769.9 | *1772.9* | 1769.9 | 1761.0 |
| 10° | 1714.6 | 1746.6 | 1769.3 | 1792.1 | 1806.1 | 1819.9 | 1826.7 | 1833.6 | *1835.6* | 1833.6 | 1826.7 |
| 12.5° | 1744.8 | 1775.3 | 1792.9 | 1810.3 | 1819.3 | 1828.0 | 1831.2 | 1834.0 | *1831.6* | 1834.0 | 1831.2 |
| 15° | 1747.4 | 1765.2 | 1772.7 | 1780.0 | 1775.7 | 1771.3 | 1765.0 | 1758.7 | *1754.7* | 1758.7 | 1765.0 |
| 17.5° | 1739.7 | 1746.2 | 1732.6 | 1719.3 | 1695.0 | 1670.7 | 1652.5 | 1634.3 | *1621.1* | 1634.3 | 1652.5 |
| 20° | 1736.5 | 1726.4 | 1690.3 | 1654.5 | 1609.0 | 1563.4 | 1532.9 | 1502.1 | *1483.5* | 1502.1 | 1532.9 |
| 22.5° | 1732.2 | 1703.7 | 1643.2 | 1582.7 | 1520.3 | 1458.2 | 1423.0 | 1388.0 | *1368.1* | 1388.0 | 1423.0 |
| 25° | 1734.1 | 1684.9 | 1603.1 | 1521.5 | 1448.3 | 1375.2 | 1337.0 | 1298.9 | *1277.1* | 1298.9 | 1337.0 |
| 27.5° | 1740.5 | 1665.6 | 1564.4 | 1463.3 | 1383.9 | 1304.4 | 1268.0 | 1231.5 | *1212.3* | 1231.5 | 1268.0 |
| 30° | 1761.6 | 1662.0 | 1541.0 | 1419.7 | 1336.8 | 1253.8 | 1218.2 | 1182.3 | *1161.7* | 1182.3 | 1218.2 |
| 32.5° | 1791.1 | 1665.6 | 1530.0 | 1394.4 | 1309.8 | 1225.5 | 1191.2 | 1157.2 | *1139.4* | 1157.2 | 1191.2 |
| 35° | 1851.8 | 1693.0 | 1542.6 | 1392.4 | 1313.9 | 1235.6 | 1210.5 | 1185.6 | *1175.9* | 1185.6 | 1210.5 |
| 37.5° | 1944.5 | 1758.7 | 1603.9 | 1449.1 | 1395.7 | 1342.2 | 1342.2 | 1342.2 | *1349.9* | 1342.2 | 1342.2 |
| 40° | 2097.7 | 1889.3 | 1742.8 | 1596.4 | 1593.2 | 1590.4 | 1624.4 | 1658.6 | *1673.7* | 1658.6 | 1624.4 |
| 42.5° | 2332.7 | 2112.5 | 1994.3 | 1876.1 | 1947.0 | 2017.8 | 2116.2 | 2214.5 | *2278.9* | 2214.5 | 2116.2 |
| 45° | 2645.2 | 2430.7 | 2348.1 | 2265.7 | 2423.4 | 2580.8 | 2754.7 | 2928.5 | *3052.0* | 2928.5 | 2754.7 |
| 47.5° | 2972.7 | 2791.9 | 2744.8 | 2697.8 | 2959.9 | 3222.0 | 3476.8 | 3731.6 | *3881.8* | 3731.6 | 3476.8 |
| 50° | 3330.9 | 3168.4 | 3159.3 | 3150.2 | 3499.3 | 3848.4 | 4177.3 | 4506.1 | *4689.3* | 4506.1 | 4177.3 |
| 52.5° | 3751.0 | 3572.5 | 3579.8 | 3586.7 | 4001.4 | 4416.1 | 4813.8 | 5211.5 | *5417.9* | 5211.5 | 4813.8 |
| 55° | 4226.8 | 4003.2 | 4002.0 | 4000.8 | 4477.2 | 4954.0 | 5442.6 | 5931.6 | *6207.2* | 5931.6 | 5442.6 |
| 57.5° | 4772.3 | 4562.8 | 4513.0 | 4463.0 | 4961.3 | 5459.4 | 5998.9 | 6538.7 | *6828.5* | 6538.7 | 5998.9 |
| 60° | 5265.1 | 5149.7 | 5070.0 | 4990.5 | 5502.1 | 6013.9 | 6571.3 | 7128.5 | *7417.5* | 7128.5 | 6571.3 |
| 62.5° | 5421.7 | 5628.0 | 5622.1 | 5616.2 | 6168.5 | 6720.9 | 7300.5 | 7880.5 | *8140.0* | 7880.5 | 7300.5 |
| 65° | *4987.8* | *5316.7* | *5543.0* | *5769.0* | *6436.7* | *7104.2* | *7708.1* | *8312.0* | *8577.2* | *8312.0* | *7708.1* |
| 67.5° | 4426.6 | 4716.6 | 4901.8 | 5087.0 | 5839.3 | 6591.7 | 7277.0 | 7962.3 | *8235.1* | 7962.3 | 7277.0 |
| 70° | 3957.9 | 4278.9 | 4411.2 | 4543.6 | 5182.7 | 5821.7 | 6363.9 | 6905.8 | *7012.7* | 6905.8 | 6363.9 |
| 72.5° | 3503.5 | 3885.4 | 3941.5 | 3997.5 | 4462.6 | 4927.7 | 5216.5 | 5505.3 | *5272.2* | 5505.3 | 5216.5 |
| 75° | 2986.8 | 3417.3 | 3454.7 | 3492.2 | 3637.1 | 3782.2 | 3855.7 | 3929.3 | *3796.8* | 3929.3 | 3855.7 |
| 77.5° | 2072.8 | 2445.8 | 2529.8 | 2613.8 | 2710.4 | 2807.1 | 2802.0 | 2797.0 | *2610.8* | 2797.0 | 2802.0 |
| 80° | 1289.4 | 1581.0 | 1592.0 | 1602.9 | 1675.4 | 1747.6 | 1821.5 | 1895.4 | *1777.0* | 1895.4 | 1821.5 |
| 82.5° | 659.0 | 819.3 | 844.0 | 868.6 | 913.0 | 957.3 | 977.9 | 998.8 | *898.6* | 998.8 | 977.9 |
| 85° | 155.0 | 196.7 | 237.0 | 277.3 | 323.8 | 370.4 | 365.1 | 359.8 | *303.6* | 359.8 | 365.1 |
| 87.5° | 9.3 | 9.7 | 9.9 | 10.1 | 10.3 | 10.5 | 11.1 | 11.7 | *12.1* | 11.7 | 11.1 |
| 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: P1364463
CATALOG NUMBER: GSS-SB3A-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 | 1319.6 |
| 2.5° | 1453.5 | 1450.3 | 1447.1 | 1441.4 | 1435.9 | 1430.9 | 1425.8 |
| 5° | 1622.7 | 1611.0 | 1599.3 | 1583.9 | 1568.5 | 1545.8 | 1523.0 |
| 7.5° | 1752.3 | 1737.3 | 1722.3 | 1698.8 | 1675.4 | 1648.2 | 1621.1 |
| 10° | 1819.9 | 1806.1 | 1792.1 | 1769.3 | 1746.6 | 1714.6 | 1682.8 |
| 12.5° | 1828.0 | 1819.3 | 1810.3 | 1792.9 | 1775.3 | 1744.8 | 1714.2 |
| 15° | 1771.3 | 1775.7 | 1780.0 | 1772.7 | 1765.2 | 1747.4 | 1729.4 |
| 17.5° | 1670.7 | 1695.0 | 1719.3 | 1732.6 | 1746.2 | 1739.7 | 1733.4 |
| 20° | 1563.4 | 1609.0 | 1654.5 | 1690.3 | 1726.4 | 1736.5 | 1746.6 |
| 22.5° | 1458.2 | 1520.3 | 1582.7 | 1643.2 | 1703.7 | 1732.2 | 1760.8 |
| 25° | 1375.2 | 1448.3 | 1521.5 | 1603.1 | 1684.9 | 1734.1 | 1783.0 |
| 27.5° | 1304.4 | 1383.9 | 1463.3 | 1564.4 | 1665.6 | 1740.5 | 1815.4 |
| 30° | 1253.8 | 1336.8 | 1419.7 | 1541.0 | 1662.0 | 1761.6 | 1860.9 |
| 32.5° | 1225.5 | 1309.8 | 1394.4 | 1530.0 | 1665.6 | 1791.1 | 1916.6 |
| 35° | 1235.6 | 1313.9 | 1392.4 | 1542.6 | 1693.0 | 1851.8 | 2010.7 |
| 37.5° | 1342.2 | 1395.7 | 1449.1 | 1603.9 | 1758.7 | 1944.5 | 2130.1 |
| 40° | 1590.4 | 1593.2 | 1596.4 | 1742.8 | 1889.3 | 2097.7 | 2306.2 |
| 42.5° | 2017.8 | 1947.0 | 1876.1 | 1994.3 | 2112.5 | 2332.7 | 2553.1 |
| 45° | 2580.8 | 2423.4 | 2265.7 | 2348.1 | 2430.7 | 2645.2 | 2859.7 |
| 47.5° | 3222.0 | 2959.9 | 2697.8 | 2744.8 | 2791.9 | 2972.7 | 3153.2 |
| 50° | 3848.4 | 3499.3 | 3150.2 | 3159.3 | 3168.4 | 3330.9 | 3493.2 |
| 52.5° | 4416.1 | 4001.4 | 3586.7 | 3579.8 | 3572.5 | 3751.0 | 3929.3 |
| 55° | 4954.0 | 4477.2 | 4000.8 | 4002.0 | 4003.2 | 4226.8 | 4450.5 |
| 57.5° | 5459.4 | 4961.3 | 4463.0 | 4513.0 | 4562.8 | 4772.3 | 4981.8 |
| 60° | 6013.9 | 5502.1 | 4990.5 | 5070.0 | 5149.7 | 5265.1 | 5380.5 |
| 62.5° | 6720.9 | 6168.5 | 5616.2 | 5622.1 | 5628.0 | 5421.7 | 5215.5 |
| 65° | *7104.2* | *6436.7* | *5769.0* | *5543.0* | *5316.7* | *4987.8* | *4658.9* |
| 67.5° | 6591.7 | 5839.3 | 5087.0 | 4901.8 | 4716.6 | 4426.6 | 4136.8 |
| 70° | 5821.7 | 5182.7 | 4543.6 | 4411.2 | 4278.9 | 3957.9 | 3636.9 |
| 72.5° | 4927.7 | 4462.6 | 3997.5 | 3941.5 | 3885.4 | 3503.5 | 3121.8 |
| 75° | 3782.2 | 3637.1 | 3492.2 | 3454.7 | 3417.3 | 2986.8 | 2556.1 |
| 77.5° | 2807.1 | 2710.4 | 2613.8 | 2529.8 | 2445.8 | 2072.8 | 1700.0 |
| 80° | 1747.6 | 1675.4 | 1602.9 | 1592.0 | 1581.0 | 1289.4 | 997.8 |
| 82.5° | 957.3 | 913.0 | 868.6 | 844.0 | 819.3 | 659.0 | 498.9 |
| 85° | 370.4 | 323.8 | 277.3 | 237.0 | 196.7 | 155.0 | 113.3 |
| 87.5° | 10.5 | 10.3 | 10.1 | 9.9 | 9.7 | 9.3 | 9.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

# LM-79-08: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

McGRAW-EDISON

Report Number: SP1-2106-271-3

Luminaire Tested: GFLD-SA1-A-935-U-WR-X-BK

Test Date: 06/15/2021

Report Generated By FNC07603 / LDUCLS01DT446
Version: v6.09

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

## Test Information

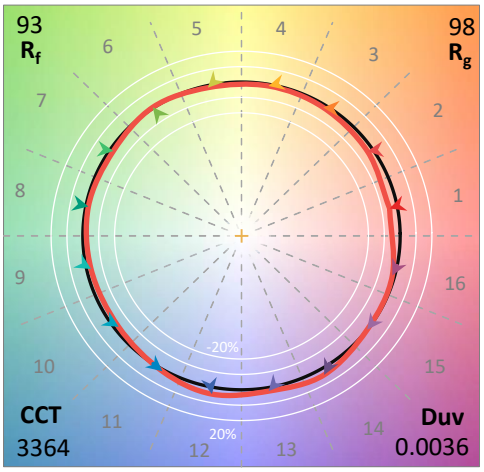
| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | SP1-2106-271-3 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 |
| Measurement Geometry: | 4π |
| Issue Date: | 06/15/2021 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | **GFLD-SA1-A-935-U-WR-X-BK** |
| Description: | MCGRAW EDISON |

N6, BLACK

## Spectral Parameters

| | | | | | |
|---|---|---|---|---|---|
| CCT (K): | 3364 | CRI (Ra): | 92.0 | | |
| CIE u': | 0.2376 | R1: | 91.7 | R9: | 59.7 |
| CIE v': | 0.5188 | R2: | 94.0 | R10: | 85.2 |
| Duv: | 0.0036 | R3: | 95.5 | R11: | 92.8 |
| CIE x: | 0.4173 | R4: | 93.0 | R12: | 78.2 |
| CIE y: | 0.4050 | R5: | 90.9 | R13: | 92.0 |
| CIE z: | 0.1777 | R6: | 92.2 | R14: | 96.9 |
| Peak Wavelength (nm): | 622 | R7: | 94.8 | | |
| Dominant Wavelength (nm): | 580 | R8: | 84.1 | | |
| Purity: | 46.9 | | | | |

| | |
|---|---|
| Rf: | 92.6 |
| Rg: | 98.3 |




## Test Conditions

| | |
|---|---|
| Stabilization Time: | 76M |
| Operation Time: | 12H |
| Room Temperature (°C) / RH%: | 24.8/44% |
| Sphere Temperature (°C): | 24.9 |

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

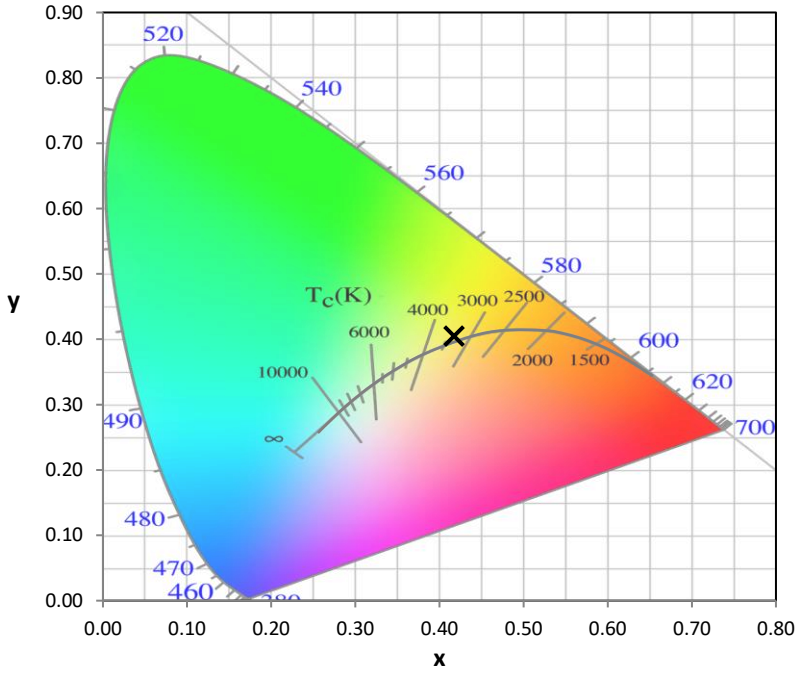
REPORT NUMBER: SP1-2106-271-3

| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 1/31/2021 | 7/31/2021 |
| Power Meter | XITRON 2801 IN0071 | 12/1/2020 | 12/1/2021 |
| AC Power Source | CHROMA 61603 IN0063 | 12/1/2020 | 12/1/2021 |
| DC Power Source | AGILENT E3634A IN0208 | 12/1/2020 | 12/1/2021 |
| Sphere Thermometer | ONSET IN0085 | 12/1/2020 | 12/1/2021 |
| Room Thermometer | ONSET IN0046 | 12/1/2020 | 12/1/2021 |

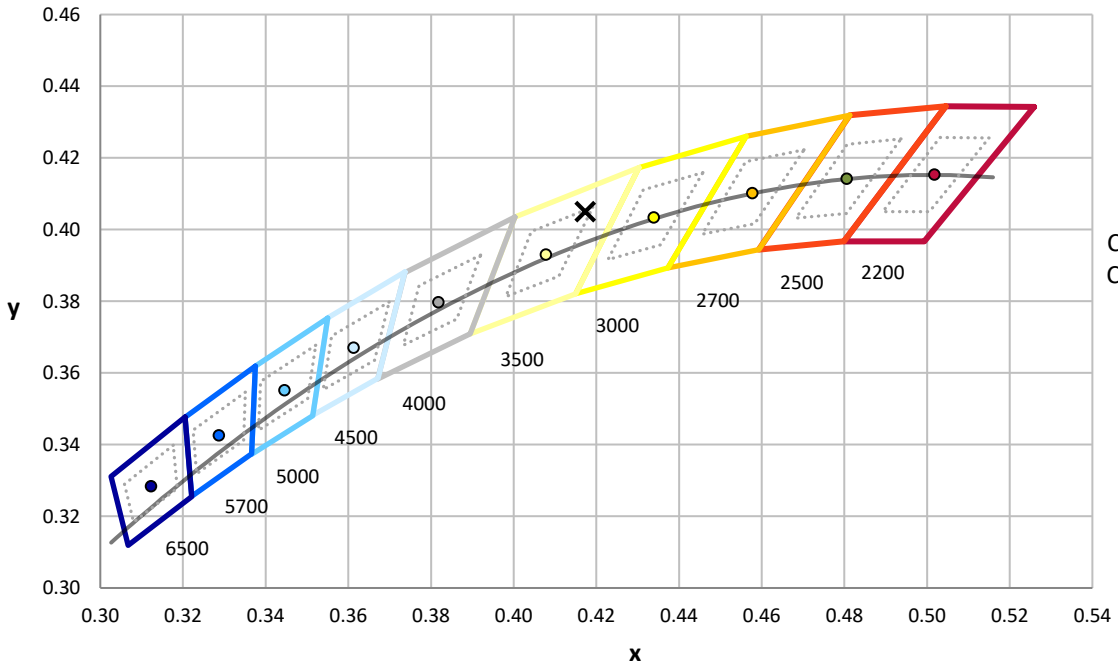
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2106-271-3

## CIE 1931 Chromaticity Diagram




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



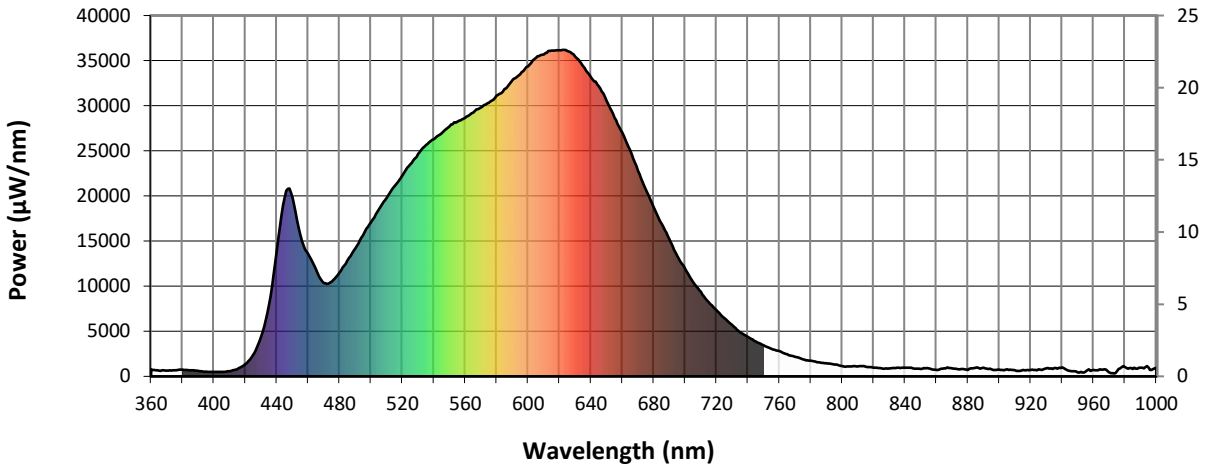

CCT = 3364K
CIE x = 0.4173
CIE y = 0.4050
Duv = 0.0036

Point lies inside the ANSI 3500K 4-step quadrangle

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

REPORT NUMBER: SP1-2106-271-3

## Photopic Flux vs. Wavelength



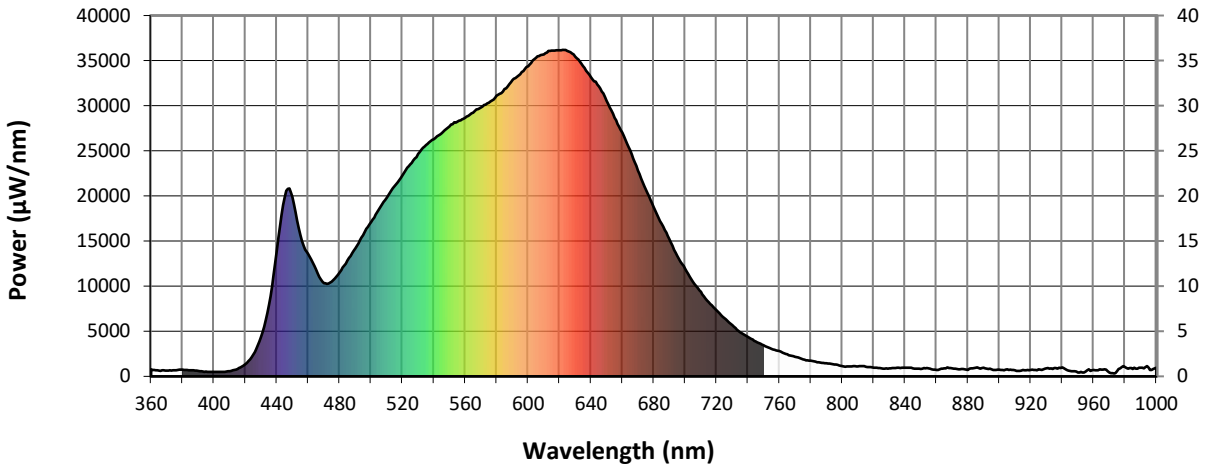

######

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 792 | NR | 490 | 14205 | NR | 620 | 36151 | NR | 750 | 3427 | NR | 880 | 712 | NR |
| 365 | 640 | NR | 495 | 15647 | NR | 625 | 36077 | NR | 755 | 3047 | NR | 885 | 942 | NR |
| 370 | 630 | NR | 500 | 17088 | NR | 630 | 35451 | NR | 760 | 2790 | NR | 890 | 952 | NR |
| 375 | 684 | NR | 505 | 18475 | NR | 635 | 34417 | NR | 765 | 2433 | NR | 895 | 764 | NR |
| 380 | 731 | NR | 510 | 19780 | NR | 640 | 33166 | NR | 770 | 2178 | NR | 900 | 743 | NR |
| 385 | 664 | NR | 515 | 21055 | NR | 645 | 32124 | NR | 775 | 1893 | NR | 905 | 776 | NR |
| 390 | 595 | NR | 520 | 22268 | NR | 650 | 30559 | NR | 780 | 1724 | NR | 910 | 659 | NR |
| 395 | 520 | NR | 525 | 23497 | NR | 655 | 28656 | NR | 785 | 1549 | NR | 915 | 701 | NR |
| 400 | 491 | NR | 530 | 24653 | NR | 660 | 27033 | NR | 790 | 1451 | NR | 920 | 728 | NR |
| 405 | 489 | NR | 535 | 25661 | NR | 665 | 25030 | NR | 795 | 1317 | NR | 925 | 793 | NR |
| 410 | 585 | NR | 540 | 26289 | NR | 670 | 22820 | NR | 800 | 1124 | NR | 930 | 877 | NR |
| 415 | 826 | NR | 545 | 26945 | NR | 675 | 20678 | NR | 805 | 1116 | NR | 935 | 923 | NR |
| 420 | 1336 | NR | 550 | 27713 | NR | 680 | 18748 | NR | 810 | 1105 | NR | 940 | 1001 | NR |
| 425 | 2406 | NR | 555 | 28230 | NR | 685 | 16904 | NR | 815 | 1073 | NR | 945 | 604 | NR |
| 430 | 4355 | NR | 560 | 28678 | NR | 690 | 15203 | NR | 820 | 977 | NR | 950 | 424 | NR |
| 435 | 7911 | NR | 565 | 29242 | NR | 695 | 13356 | NR | 825 | 882 | NR | 955 | 550 | NR |
| 440 | 13821 | NR | 570 | 29806 | NR | 700 | 11948 | NR | 830 | 875 | NR | 960 | 709 | NR |
| 445 | 19836 | NR | 575 | 30322 | NR | 705 | 10482 | NR | 835 | 944 | NR | 965 | 755 | NR |
| 450 | 19902 | NR | 580 | 31125 | NR | 710 | 9351 | NR | 840 | 956 | NR | 970 | 426 | NR |
| 455 | 15697 | NR | 585 | 31838 | NR | 715 | 8217 | NR | 845 | 875 | NR | 975 | 556 | NR |
| 460 | 13589 | NR | 590 | 32845 | NR | 720 | 7313 | NR | 850 | 801 | NR | 980 | 1040 | NR |
| 465 | 11857 | NR | 595 | 33487 | NR | 725 | 6460 | NR | 855 | 890 | NR | 985 | 833 | NR |
| 470 | 10336 | NR | 600 | 34359 | NR | 730 | 5680 | NR | 860 | 706 | NR | 990 | 964 | NR |
| 475 | 10504 | NR | 605 | 35281 | NR | 735 | 4904 | NR | 865 | 902 | NR | 995 | 953 | NR |
| 480 | 11526 | NR | 610 | 35679 | NR | 740 | 4372 | NR | 870 | 879 | NR | 1000 | 950 | NR |
| 485 | 12831 | NR | 615 | 36113 | NR | 745 | 3858 | NR | 875 | 769 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-3

## Scotopic Flux vs. Wavelength



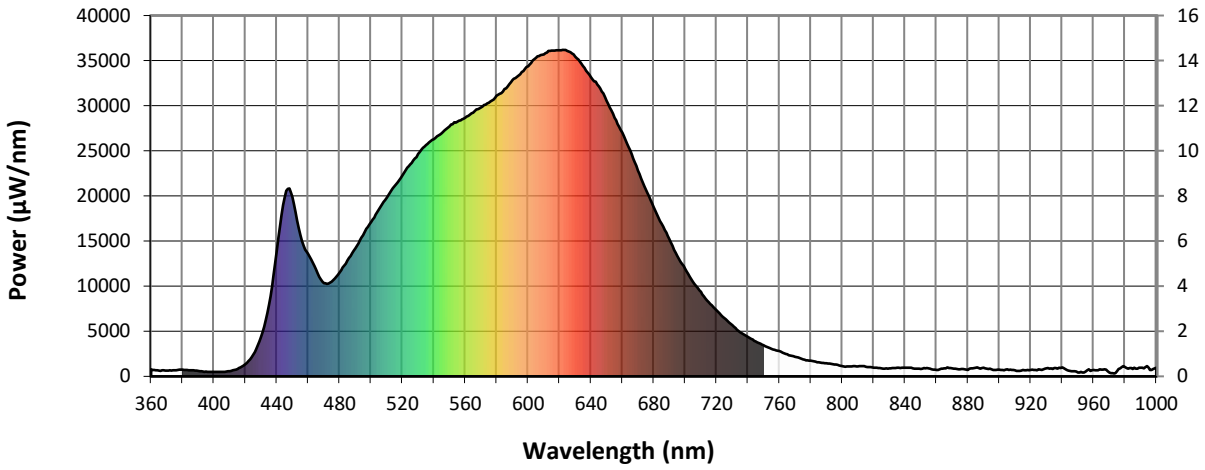

**Scotopic Lumens: 3109.5** **S/P: 1.54**

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 792 | NR | 490 | 14205 | NR | 620 | 36151 | NR | 750 | 3427 | NR | 880 | 712 | NR |
| 365 | 640 | NR | 495 | 15647 | NR | 625 | 36077 | NR | 755 | 3047 | NR | 885 | 942 | NR |
| 370 | 630 | NR | 500 | 17088 | NR | 630 | 35451 | NR | 760 | 2790 | NR | 890 | 952 | NR |
| 375 | 684 | NR | 505 | 18475 | NR | 635 | 34417 | NR | 765 | 2433 | NR | 895 | 764 | NR |
| 380 | 731 | NR | 510 | 19780 | NR | 640 | 33166 | NR | 770 | 2178 | NR | 900 | 743 | NR |
| 385 | 664 | NR | 515 | 21055 | NR | 645 | 32124 | NR | 775 | 1893 | NR | 905 | 776 | NR |
| 390 | 595 | NR | 520 | 22268 | NR | 650 | 30559 | NR | 780 | 1724 | NR | 910 | 659 | NR |
| 395 | 520 | NR | 525 | 23497 | NR | 655 | 28656 | NR | 785 | 1549 | NR | 915 | 701 | NR |
| 400 | 491 | NR | 530 | 24653 | NR | 660 | 27033 | NR | 790 | 1451 | NR | 920 | 728 | NR |
| 405 | 489 | NR | 535 | 25661 | NR | 665 | 25030 | NR | 795 | 1317 | NR | 925 | 793 | NR |
| 410 | 585 | NR | 540 | 26289 | NR | 670 | 22820 | NR | 800 | 1124 | NR | 930 | 877 | NR |
| 415 | 826 | NR | 545 | 26945 | NR | 675 | 20678 | NR | 805 | 1116 | NR | 935 | 923 | NR |
| 420 | 1336 | NR | 550 | 27713 | NR | 680 | 18748 | NR | 810 | 1105 | NR | 940 | 1001 | NR |
| 425 | 2406 | NR | 555 | 28230 | NR | 685 | 16904 | NR | 815 | 1073 | NR | 945 | 604 | NR |
| 430 | 4355 | NR | 560 | 28678 | NR | 690 | 15203 | NR | 820 | 977 | NR | 950 | 424 | NR |
| 435 | 7911 | NR | 565 | 29242 | NR | 695 | 13356 | NR | 825 | 882 | NR | 955 | 550 | NR |
| 440 | 13821 | NR | 570 | 29806 | NR | 700 | 11948 | NR | 830 | 875 | NR | 960 | 709 | NR |
| 445 | 19836 | NR | 575 | 30322 | NR | 705 | 10482 | NR | 835 | 944 | NR | 965 | 755 | NR |
| 450 | 19902 | NR | 580 | 31125 | NR | 710 | 9351 | NR | 840 | 956 | NR | 970 | 426 | NR |
| 455 | 15697 | NR | 585 | 31838 | NR | 715 | 8217 | NR | 845 | 875 | NR | 975 | 556 | NR |
| 460 | 13589 | NR | 590 | 32845 | NR | 720 | 7313 | NR | 850 | 801 | NR | 980 | 1040 | NR |
| 465 | 11857 | NR | 595 | 33487 | NR | 725 | 6460 | NR | 855 | 890 | NR | 985 | 833 | NR |
| 470 | 10336 | NR | 600 | 34359 | NR | 730 | 5680 | NR | 860 | 706 | NR | 990 | 964 | NR |
| 475 | 10504 | NR | 605 | 35281 | NR | 735 | 4904 | NR | 865 | 902 | NR | 995 | 953 | NR |
| 480 | 11526 | NR | 610 | 35679 | NR | 740 | 4372 | NR | 870 | 879 | NR | 1000 | 950 | NR |
| 485 | 12831 | NR | 615 | 36113 | NR | 745 | 3858 | NR | 875 | 769 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-3

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: 1210.8** **S/P: 0.6**

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 792 | NR | 490 | 14205 | NR | 620 | 36151 | NR | 750 | 3427 | NR | 880 | 712 | NR |
| 365 | 640 | NR | 495 | 15647 | NR | 625 | 36077 | NR | 755 | 3047 | NR | 885 | 942 | NR |
| 370 | 630 | NR | 500 | 17088 | NR | 630 | 35451 | NR | 760 | 2790 | NR | 890 | 952 | NR |
| 375 | 684 | NR | 505 | 18475 | NR | 635 | 34417 | NR | 765 | 2433 | NR | 895 | 764 | NR |
| 380 | 731 | NR | 510 | 19780 | NR | 640 | 33166 | NR | 770 | 2178 | NR | 900 | 743 | NR |
| 385 | 664 | NR | 515 | 21055 | NR | 645 | 32124 | NR | 775 | 1893 | NR | 905 | 776 | NR |
| 390 | 595 | NR | 520 | 22268 | NR | 650 | 30559 | NR | 780 | 1724 | NR | 910 | 659 | NR |
| 395 | 520 | NR | 525 | 23497 | NR | 655 | 28656 | NR | 785 | 1549 | NR | 915 | 701 | NR |
| 400 | 491 | NR | 530 | 24653 | NR | 660 | 27033 | NR | 790 | 1451 | NR | 920 | 728 | NR |
| 405 | 489 | NR | 535 | 25661 | NR | 665 | 25030 | NR | 795 | 1317 | NR | 925 | 793 | NR |
| 410 | 585 | NR | 540 | 26289 | NR | 670 | 22820 | NR | 800 | 1124 | NR | 930 | 877 | NR |
| 415 | 826 | NR | 545 | 26945 | NR | 675 | 20678 | NR | 805 | 1116 | NR | 935 | 923 | NR |
| 420 | 1336 | NR | 550 | 27713 | NR | 680 | 18748 | NR | 810 | 1105 | NR | 940 | 1001 | NR |
| 425 | 2406 | NR | 555 | 28230 | NR | 685 | 16904 | NR | 815 | 1073 | NR | 945 | 604 | NR |
| 430 | 4355 | NR | 560 | 28678 | NR | 690 | 15203 | NR | 820 | 977 | NR | 950 | 424 | NR |
| 435 | 7911 | NR | 565 | 29242 | NR | 695 | 13356 | NR | 825 | 882 | NR | 955 | 550 | NR |
| 440 | 13821 | NR | 570 | 29806 | NR | 700 | 11948 | NR | 830 | 875 | NR | 960 | 709 | NR |
| 445 | 19836 | NR | 575 | 30322 | NR | 705 | 10482 | NR | 835 | 944 | NR | 965 | 755 | NR |
| 450 | 19902 | NR | 580 | 31125 | NR | 710 | 9351 | NR | 840 | 956 | NR | 970 | 426 | NR |
| 455 | 15697 | NR | 585 | 31838 | NR | 715 | 8217 | NR | 845 | 875 | NR | 975 | 556 | NR |
| 460 | 13589 | NR | 590 | 32845 | NR | 720 | 7313 | NR | 850 | 801 | NR | 980 | 1040 | NR |
| 465 | 11857 | NR | 595 | 33487 | NR | 725 | 6460 | NR | 855 | 890 | NR | 985 | 833 | NR |
| 470 | 10336 | NR | 600 | 34359 | NR | 730 | 5680 | NR | 860 | 706 | NR | 990 | 964 | NR |
| 475 | 10504 | NR | 605 | 35281 | NR | 735 | 4904 | NR | 865 | 902 | NR | 995 | 953 | NR |
| 480 | 11526 | NR | 610 | 35679 | NR | 740 | 4372 | NR | 870 | 879 | NR | 1000 | 950 | NR |
| 485 | 12831 | NR | 615 | 36113 | NR | 745 | 3858 | NR | 875 | 769 | NR | | | |

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

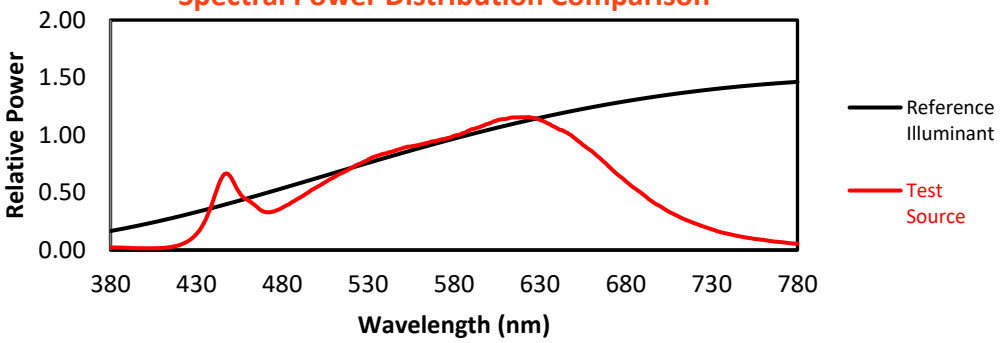
REPORT NUMBER: SP1-2106-271-3

## TM-30-18

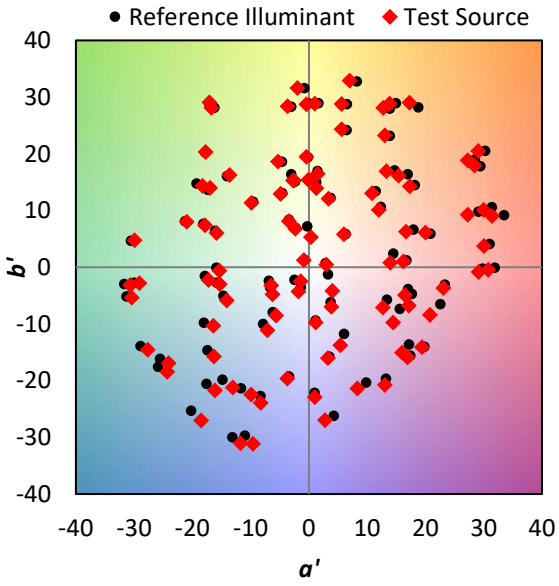
### Summary

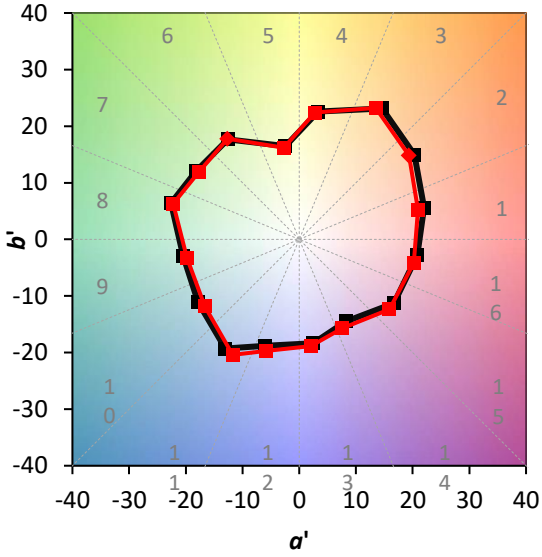
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$R_g$ = 98.3
CIE $R_a$ = 92.0
$R_9$ = 59.7

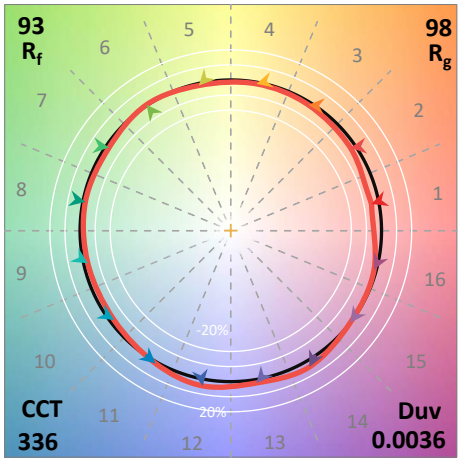
### Spectral Power Distribution Comparison

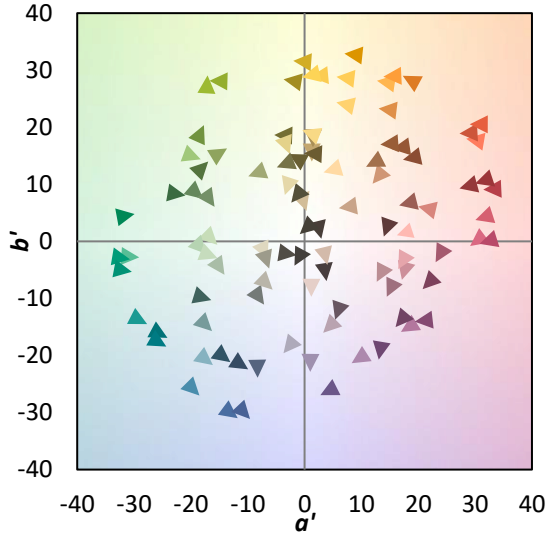



### Color Vector Graphics



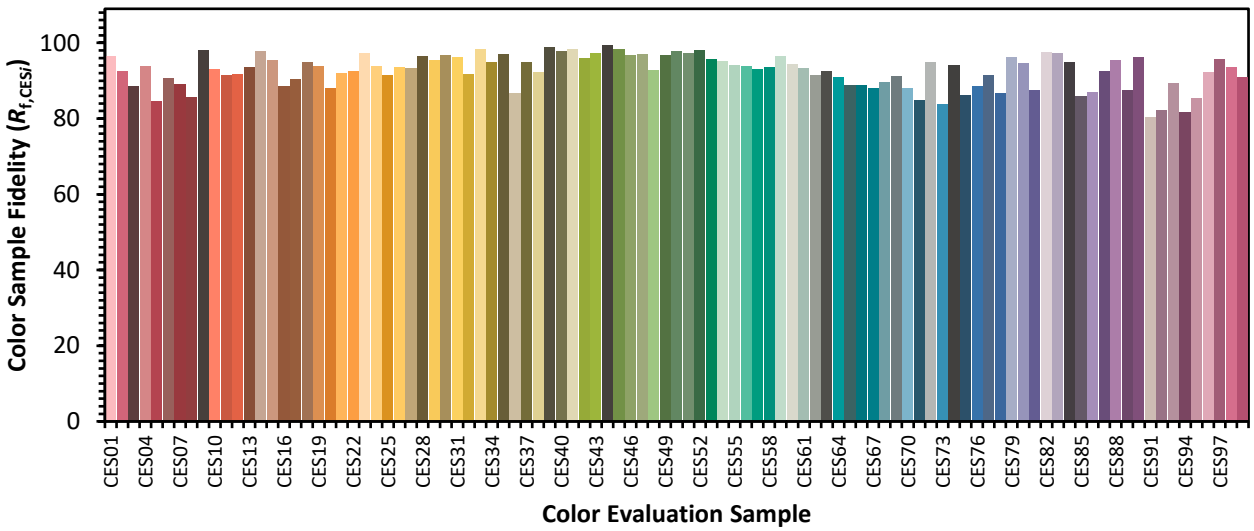
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Peachtree City, GA 30269

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

| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 94 | CES51 = 97 | CES76 = 88 |
| CES02 = 62 | CES27 = 93 | CES52 = 98 | CES77 = 91 |
| CES03 = 31 | CES28 = 96 | CES53 = 96 | CES78 = 87 |
| CES04 = 70 | CES29 = 96 | CES54 = 95 | CES79 = 96 |
| CES05 = 50 | CES30 = 97 | CES55 = 94 | CES80 = 95 |
| CES06 = 51 | CES31 = 96 | CES56 = 94 | CES81 = 88 |
| CES07 = 42 | CES32 = 92 | CES57 = 93 | CES82 = 98 |
| CES08 = 41 | CES33 = 98 | CES58 = 94 | CES83 = 97 |
| CES09 = 29 | CES34 = 95 | CES59 = 96 | CES84 = 95 |
| CES10 = 75 | CES35 = 97 | CES60 = 94 | CES85 = 86 |
| CES11 = 58 | CES36 = 87 | CES61 = 93 | CES86 = 87 |
| CES12 = 64 | CES37 = 95 | CES62 = 91 | CES87 = 92 |
| CES13 = 43 | CES38 = 92 | CES63 = 93 | CES88 = 96 |
| CES14 = 74 | CES39 = 99 | CES64 = 91 | CES89 = 87 |
| CES15 = 71 | CES40 = 98 | CES65 = 89 | CES90 = 96 |
| CES16 = 48 | CES41 = 98 | CES66 = 89 | CES91 = 80 |
| CES17 = 49 | CES42 = 96 | CES67 = 88 | CES92 = 82 |
| CES18 = 56 | CES43 = 97 | CES68 = 90 | CES93 = 89 |
| CES19 = 71 | CES44 = 99 | CES69 = 91 | CES94 = 82 |
| CES20 = 66 | CES45 = 98 | CES70 = 88 | CES95 = 85 |
| CES21 = 86 | CES46 = 97 | CES71 = 85 | CES96 = 92 |
| CES22 = 78 | CES47 = 97 | CES72 = 95 | CES97 = 96 |
| CES23 = 91 | CES48 = 93 | CES73 = 84 | CES98 = 94 |
| CES24 = 90 | CES49 = 97 | CES74 = 94 | CES99 = 91 |
| CES25 = 71 | CES50 = 98 | CES75 = 86 | |

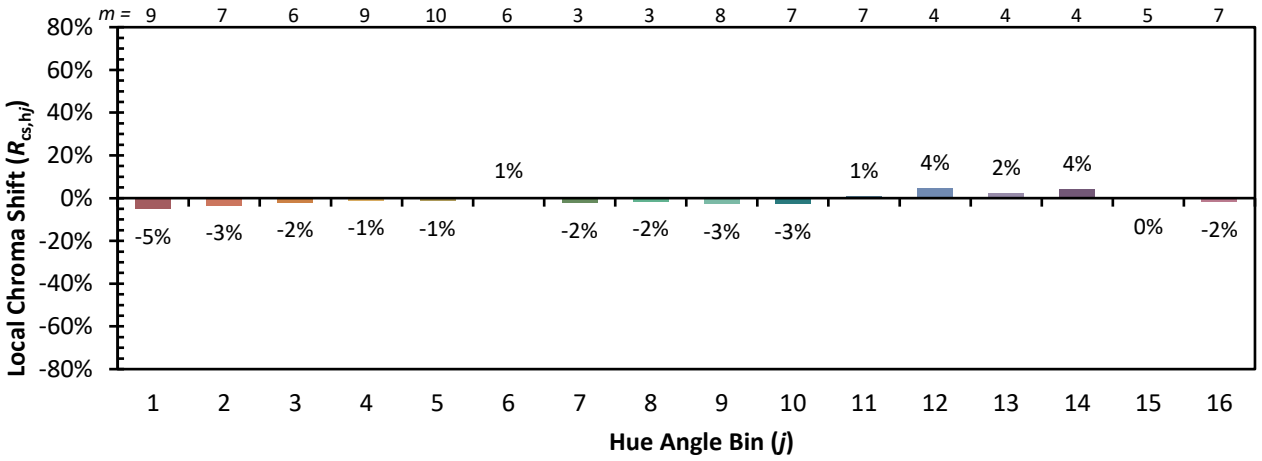


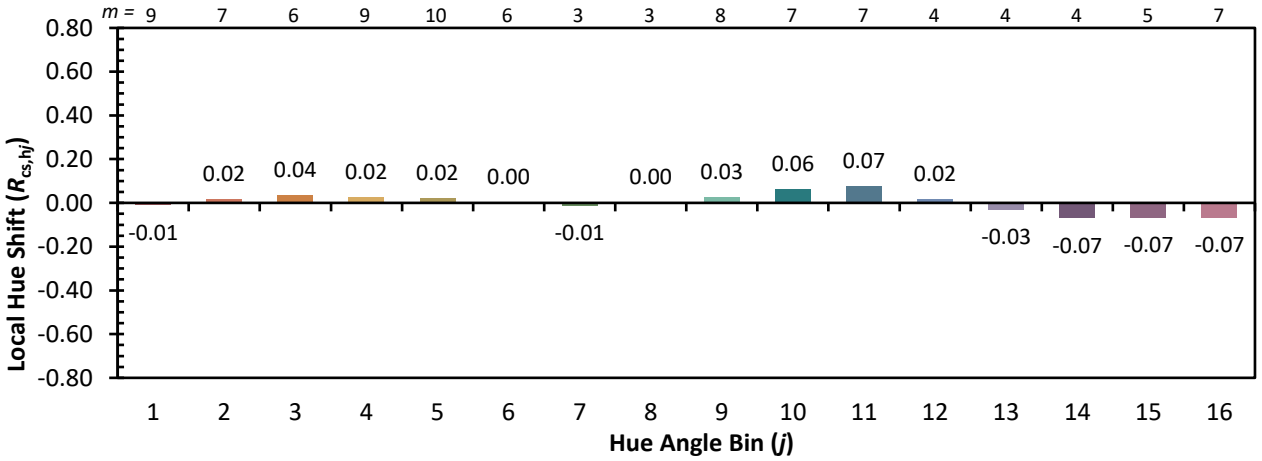
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Peachtree City, GA 30269

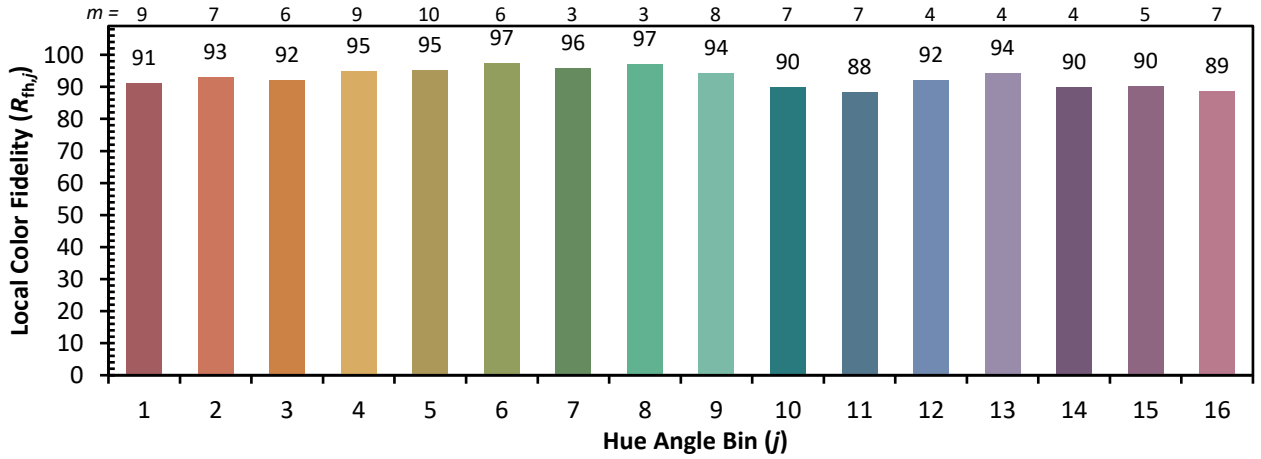
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### Color Rendition by Hue-Angle Bin



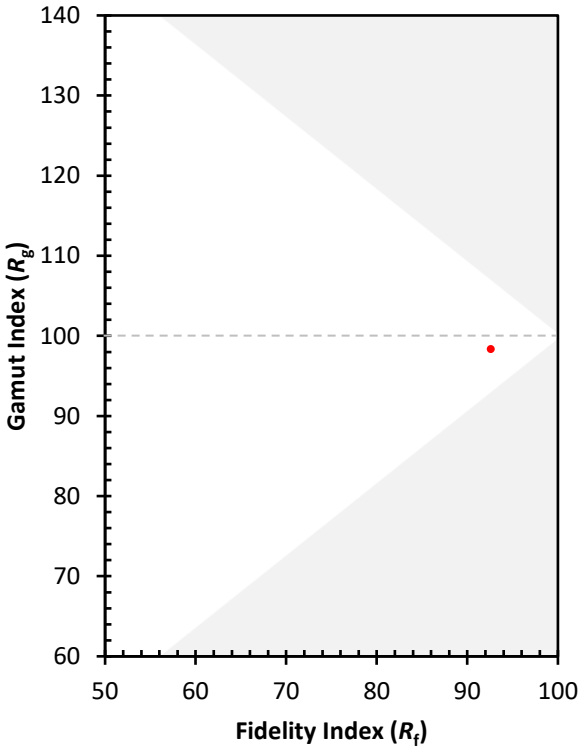



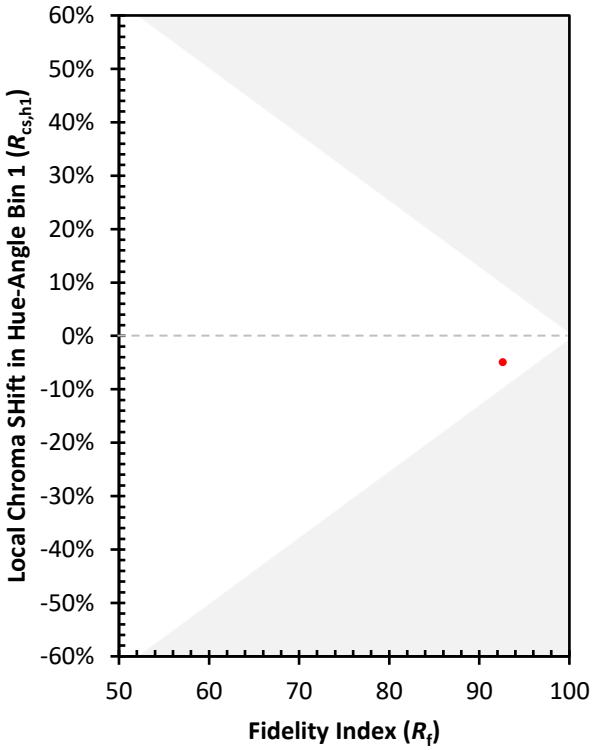
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### Measure Comparisons




(END OF REPORT)