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: P1365289

Luminaire Tested: **GSS-SB5C-740-U-SLL-HSS**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1365289 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB5C-740-U-SLL-HSS |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator LETT OPTIC OPTIC AND HOUSE SIDE SHIELD |
| Light Source: | (130) 4000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 28921.5 lumens |
| Efficiency: | N/A |
| Efficacy: | 114.8 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |
| IES Classification: | Type III - Short |
| BUG Rating: | B3 - U0 - G4 |

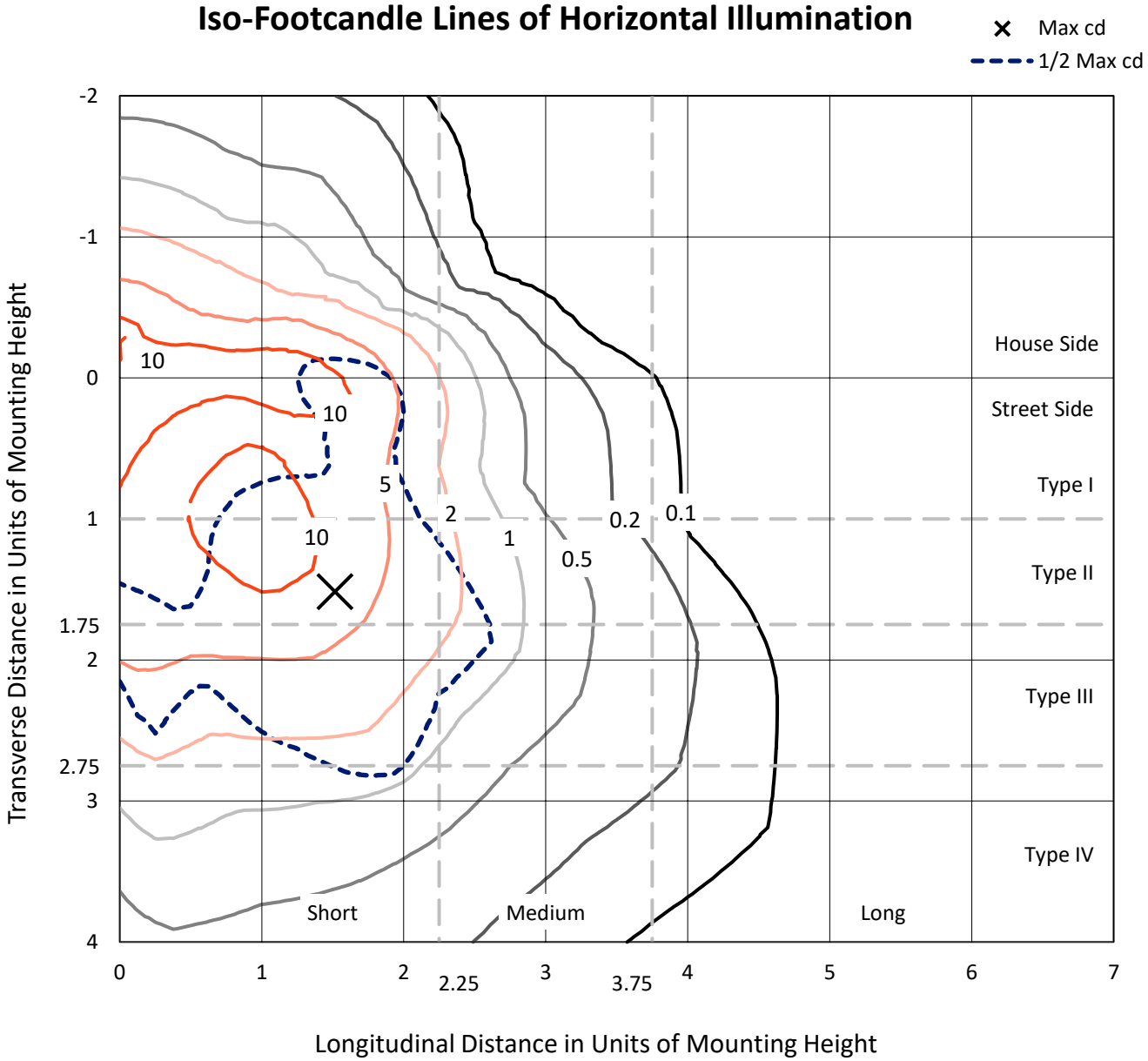
| | |
|---|---|
| Input Watts (W): | 252 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 7.9% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



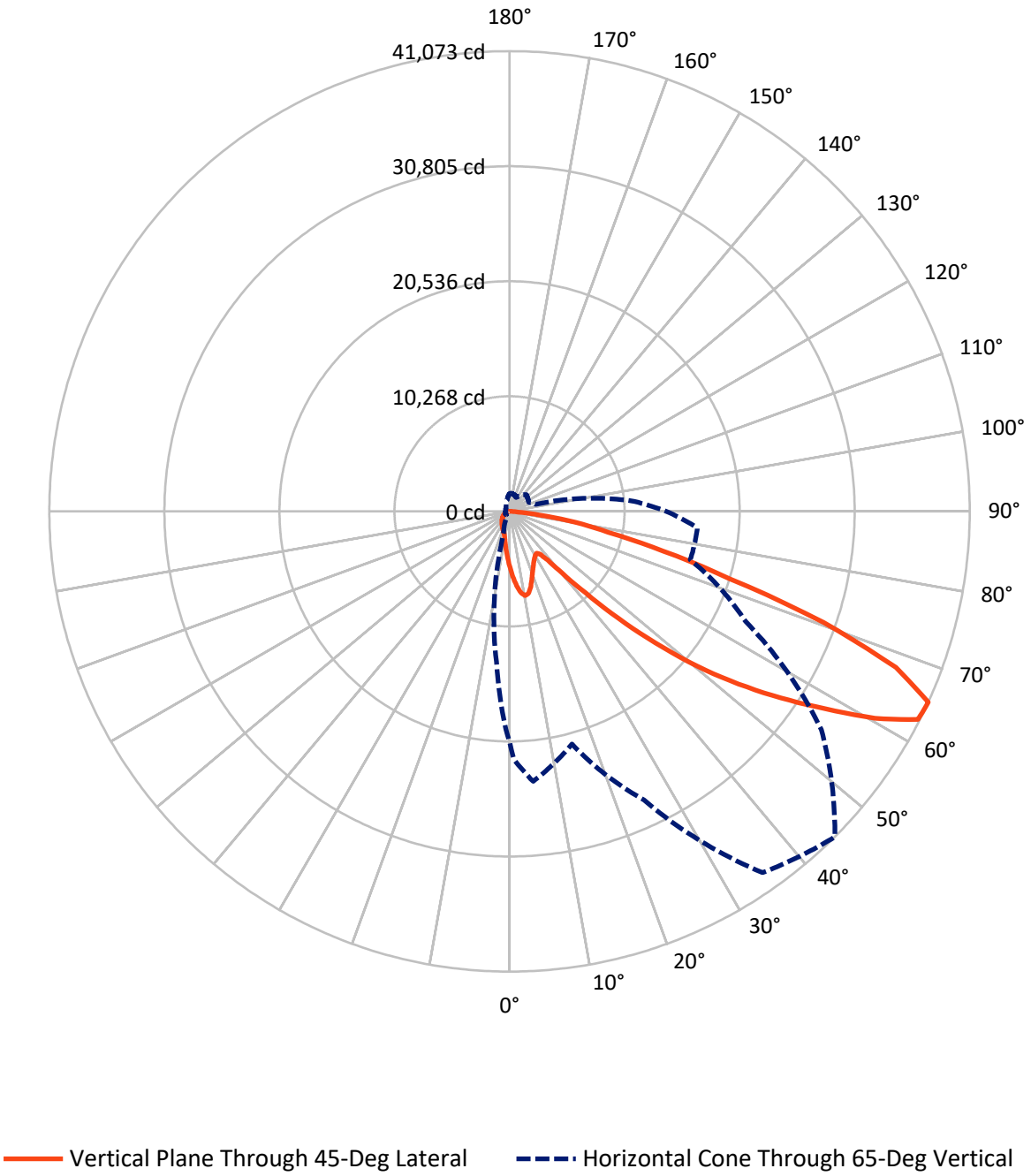

Based on 20 foot mounting height. Maximum calculated value = 18.3 fc
Type III - Short - N/A

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## Luminous Intensity Polar Plot



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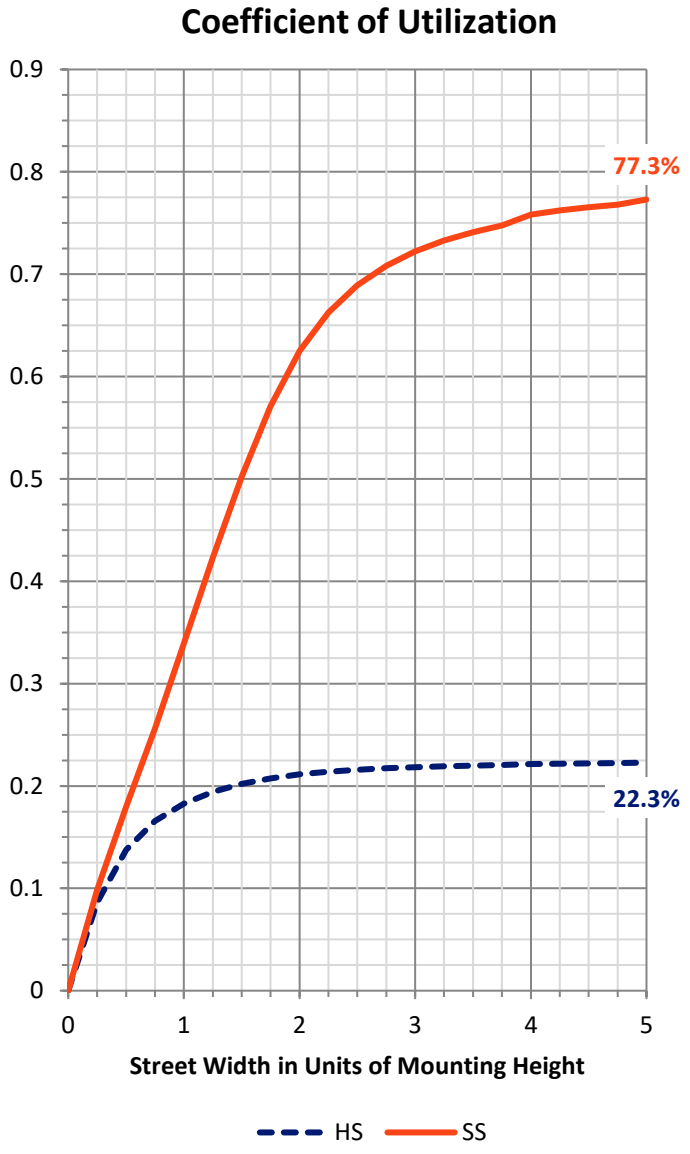
REPORT NUMBER: P1365289
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 6505.8 | 0.0 | 6505.8 |
| | % Fixture | 22.5 | 0.0 | 22.5 |
| **Street Side** | Lumens | 22415.7 | 0.0 | 22415.7 |
| | % Fixture | 77.5 | 0.0 | 77.5 |
| **Total** | Lumens | 28921.5 | 0.0 | 28921.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 480.2 | 1.7 |
| 10°-20° | 1328.1 | 4.6 |
| 20°-30° | 1902.2 | 6.6 |
| 30°-40° | 2386.1 | 8.3 |
| 40°-50° | 3919.6 | 13.6 |
| 50°-60° | 7077.0 | 24.5 |
| 60°-70° | 7856.6 | 27.2 |
| 70°-80° | 3551.3 | 12.3 |
| 80°-90° | 420.3 | 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° | 28921.5 | 100.0 |
| 0°-180° | 28921.5 | 100.0 |



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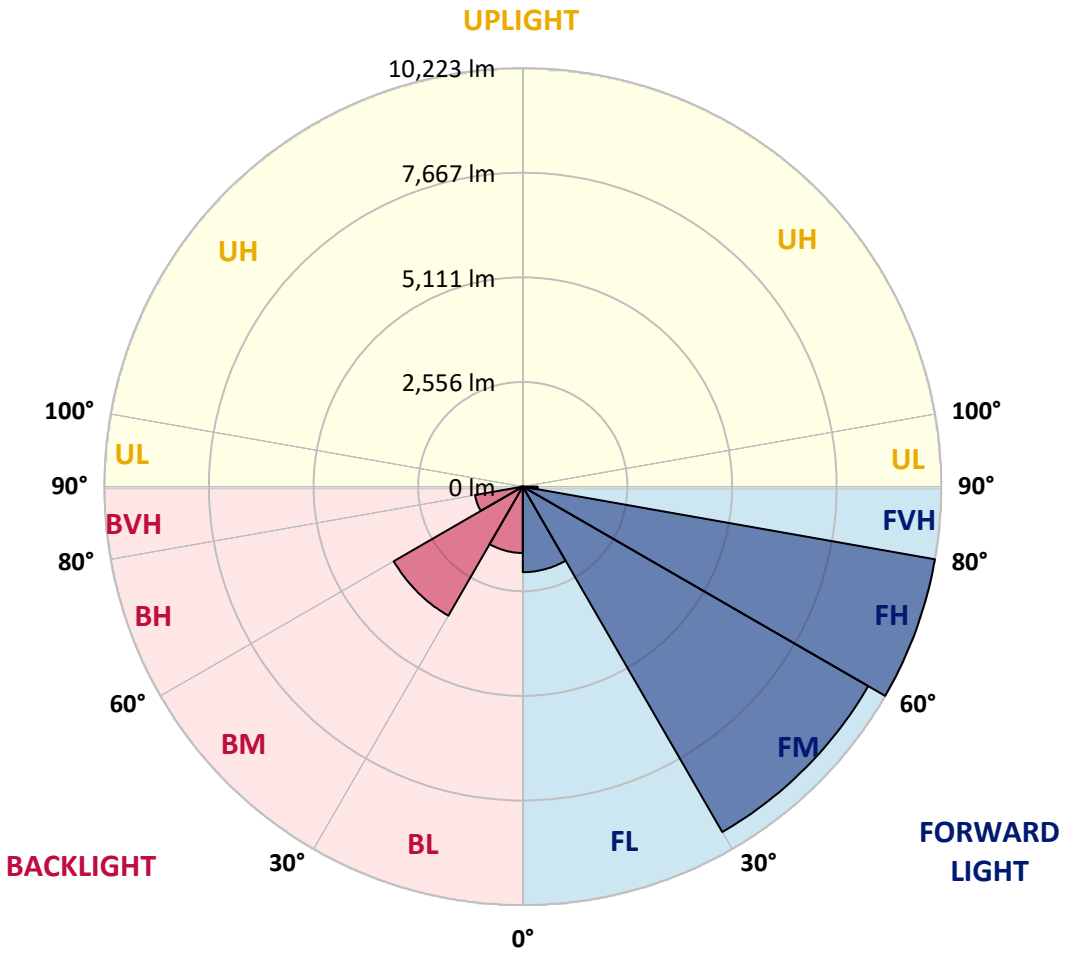
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 2089.3 | 7.2 | | | |
| FM | (30°-60°) | 9742.6 | 33.7 | | | |
| FH | (60°-80°) | 10222.9 | 35.3 | | | G4/12000 |
| FVH | (80°-90°) | 360.9 | 1.2 | | | G3/500 |
| BL | (0°-30°) | 1621.2 | 5.6 | B3/2500 | | |
| BM | (30°-60°) | 3640.1 | 12.6 | B3/5000 | | |
| BH | (60°-80°) | 1185.0 | 4.1 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 59.4 | 0.2 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B3-U0-G4**
Type III Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 |
| 2.5° | 5502.4 | 5573.4 | 5564.5 | 5662.1 | 5750.9 | 5813.0 | 5866.3 | 5848.5 | 5804.1 | 5715.4 | 5653.3 |
| 5° | 6079.3 | 6132.5 | 6221.3 | 6407.6 | 6549.6 | 6673.9 | 6656.1 | 6673.9 | 6540.8 | 6407.6 | 6247.9 |
| 7.5° | 6576.3 | 6638.4 | 6762.6 | 7028.9 | 7206.4 | 7357.2 | 7339.5 | 7286.2 | 7135.4 | 6913.5 | 6673.9 |
| 10° | 6886.9 | 6931.3 | 7064.4 | 7366.1 | 7570.2 | 7694.5 | 7650.1 | 7561.4 | 7366.1 | 7144.2 | 6860.3 |
| 12.5° | 7020.0 | 7073.2 | 7188.6 | 7428.2 | 7561.4 | 7534.7 | 7517.0 | 7499.2 | 7401.6 | 7233.0 | 6975.6 |
| 15° | 7037.7 | 7073.2 | 7162.0 | 7268.5 | 7215.2 | 7064.4 | 7028.9 | 7162.0 | 7286.2 | 7250.7 | 7037.7 |
| 17.5° | 7037.7 | 7091.0 | 7108.7 | 7002.3 | 6727.1 | 6452.0 | 6416.5 | 6638.4 | 6984.5 | 7259.6 | 7135.4 |
| 20° | 7064.4 | 7091.0 | 7055.5 | 6709.4 | 6194.6 | 5892.9 | 5830.8 | 6105.9 | 6620.6 | 7162.0 | 7233.0 |
| 22.5° | 7099.9 | 7126.5 | 6975.6 | 6363.3 | 5759.8 | 5440.3 | 5404.8 | 5608.9 | 6212.4 | 7020.0 | 7339.5 |
| 25° | 7170.9 | 7153.1 | 6922.4 | 6061.5 | 5378.2 | 5076.4 | 5023.2 | 5289.4 | 5875.1 | 6878.0 | 7517.0 |
| 27.5° | 7259.6 | 7179.7 | 6851.4 | 5813.0 | 5103.0 | 4783.5 | 4748.0 | 5005.4 | 5591.2 | 6700.5 | 7667.9 |
| 30° | 7375.0 | 7295.1 | 6842.5 | 5617.8 | 4898.9 | 4579.4 | 4535.0 | 4819.0 | 5395.9 | 6576.3 | 7880.9 |
| 32.5° | 7534.7 | 7419.4 | 6851.4 | 5466.9 | 4783.5 | 4481.8 | 4455.2 | 4756.9 | 5316.0 | 6505.3 | 8102.7 |
| 35° | 7747.7 | 7579.1 | 6886.9 | 5413.7 | 4819.0 | 4614.9 | 4677.0 | 4907.8 | 5395.9 | 6558.5 | 8466.6 |
| 37.5° | 8014.0 | 7854.2 | 7064.4 | 5529.0 | 5209.5 | 5351.5 | 5511.3 | 5600.0 | 5777.5 | 6807.0 | 9052.3 |
| 40° | 8457.7 | 8235.9 | 7330.6 | 5901.8 | 6256.8 | 6922.4 | 7233.0 | 7197.5 | 6789.3 | 7375.0 | 9877.7 |
| 42.5° | 9079.0 | 8874.8 | 7872.0 | 6851.4 | 8005.1 | 9416.2 | 9939.8 | 9638.1 | 8404.5 | 8280.2 | 11235.5 |
| 45° | 10028.6 | 9691.3 | 8599.7 | 8262.5 | 10117.3 | 12433.7 | 13614.0 | 12575.7 | 10454.6 | 9709.1 | 13170.3 |
| 47.5° | 11244.4 | 10907.2 | 9735.7 | 9673.6 | 12478.0 | 16161.1 | 17563.3 | 15522.1 | 12486.9 | 11581.7 | 15486.6 |
| 50° | 13196.9 | 12824.1 | 11404.2 | 11111.3 | 15087.2 | 19879.6 | 21752.2 | 18459.7 | 14554.7 | 13569.6 | 18344.3 |
| 52.5° | 15877.1 | 15628.6 | 14048.9 | 12593.4 | 17421.3 | 23979.8 | 25595.0 | 21530.4 | 16152.2 | 15841.6 | 21459.4 |
| 55° | 19613.4 | 19373.8 | 17492.3 | 14244.1 | 19631.2 | 28088.9 | 29393.5 | 24325.9 | 17545.6 | 18504.0 | 24716.4 |
| 57.5° | 23846.7 | 24246.1 | 22204.9 | 16445.1 | 21956.4 | 31399.2 | 33218.5 | 26864.1 | 19427.0 | 22062.9 | 28337.4 |
| 60° | 26606.8 | 27867.0 | 27609.6 | 20287.9 | 25568.4 | 35517.1 | 37496.2 | 30263.2 | 22178.2 | 24680.9 | 28257.5 |
| 62.5° | 24210.6 | 25470.8 | 27441.0 | 24743.1 | 29047.4 | 39244.6 | 40913.0 | 33839.8 | 24911.7 | 22595.3 | 23731.3 |
| 65° | 20545.3 | 22116.1 | 24192.8 | 21494.9 | 28435.0 | 39359.9 | 41072.8 | 33972.9 | 23243.2 | 16702.5 | 16826.7 |
| 67.5° | 17705.3 | 19098.7 | 21654.6 | 18291.0 | 25204.6 | 35845.5 | 37194.5 | 30307.6 | 19214.0 | 11075.8 | 10978.2 |
| 70° | 14776.6 | 16054.6 | 19285.0 | 16285.3 | 22080.6 | 30893.3 | 29730.7 | 25479.7 | 16241.0 | 7357.2 | 6097.0 |
| 72.5° | 12593.4 | 13773.8 | 17137.3 | 14634.6 | 17518.9 | 25035.9 | 20492.0 | 21139.9 | 13214.6 | 4677.0 | 4153.4 |
| 75° | 10419.1 | 11501.8 | 14572.5 | 13250.1 | 14492.6 | 15619.7 | 14164.2 | 15016.2 | 10889.4 | 3967.1 | 3203.8 |
| 77.5° | 7312.9 | 7987.4 | 10223.8 | 10543.3 | 11279.9 | 9247.6 | 8981.3 | 10516.7 | 7747.7 | 1970.2 | 1349.0 |
| 80° | 3603.2 | 4020.3 | 5333.8 | 6274.5 | 5333.8 | 5245.0 | 5981.6 | 7002.3 | 4020.3 | 1207.0 | 745.5 |
| 82.5° | 1615.2 | 1917.0 | 2458.3 | 3798.4 | 1925.8 | 2094.5 | 2644.7 | 3727.4 | 1828.2 | 718.9 | 319.5 |
| 85° | 257.4 | 284.0 | 479.2 | 639.0 | 523.6 | 807.6 | 772.1 | 727.7 | 390.5 | 195.2 | 88.7 |
| 87.5° | 8.9 | 8.9 | 8.9 | 17.7 | 26.6 | 35.5 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 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° | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 |
| 2.5° | 5635.5 | 5608.9 | 5475.8 | 5342.7 | 5227.3 | 5111.9 | 4996.5 | 4836.8 | 4712.5 | 4606.0 | 4561.7 |
| 5° | 6168.0 | 6026.0 | 5821.9 | 5600.0 | 5404.8 | 5182.9 | 4969.9 | 4730.3 | 4535.0 | 4330.9 | 4224.4 |
| 7.5° | 6531.9 | 6389.9 | 6052.6 | 5715.4 | 5475.8 | 5236.2 | 5014.3 | 4748.0 | 4490.7 | 4197.8 | 4038.1 |
| 10° | 6700.5 | 6540.8 | 6176.9 | 5786.4 | 5493.5 | 5253.9 | 5049.8 | 4827.9 | 4570.5 | 4206.7 | 3993.7 |
| 12.5° | 6815.9 | 6620.6 | 6203.5 | 5804.1 | 5511.3 | 5262.8 | 5067.5 | 4907.8 | 4756.9 | 4401.9 | 4153.4 |
| 15° | 6886.9 | 6709.4 | 6274.5 | 5813.0 | 5484.7 | 5191.8 | 5005.4 | 4952.2 | 4978.8 | 4810.2 | 4508.4 |
| 17.5° | 6993.4 | 6824.8 | 6363.3 | 5866.3 | 5440.3 | 5040.9 | 4836.8 | 4952.2 | 5191.8 | 5245.0 | 5005.4 |
| 20° | 7135.4 | 6957.9 | 6478.6 | 5910.6 | 5307.2 | 4756.9 | 4561.7 | 4854.5 | 5253.9 | 5529.0 | 5395.9 |
| 22.5° | 7295.1 | 7153.1 | 6611.8 | 5955.0 | 5111.9 | 4384.2 | 4295.4 | 4650.4 | 5076.4 | 5431.4 | 5440.3 |
| 25° | 7490.4 | 7357.2 | 6798.1 | 5999.4 | 4845.7 | 4064.7 | 4082.4 | 4384.2 | 4721.4 | 5085.3 | 5147.4 |
| 27.5° | 7756.6 | 7632.4 | 7028.9 | 6052.6 | 4570.5 | 3807.3 | 3896.1 | 4117.9 | 4348.7 | 4570.5 | 4659.3 |
| 30° | 8049.5 | 7951.9 | 7304.0 | 6159.1 | 4313.2 | 3656.4 | 3709.7 | 3860.6 | 4046.9 | 4180.1 | 4224.4 |
| 32.5° | 8448.8 | 8289.1 | 7561.4 | 6150.3 | 4117.9 | 3585.4 | 3532.2 | 3576.6 | 3727.4 | 3860.6 | 3869.4 |
| 35° | 8945.8 | 8821.6 | 7827.6 | 5990.5 | 3940.4 | 3549.9 | 3363.6 | 3336.9 | 3425.7 | 3558.8 | 3549.9 |
| 37.5° | 9673.6 | 9567.1 | 8262.5 | 5742.0 | 3718.6 | 3461.2 | 3186.1 | 3097.3 | 3159.4 | 3248.2 | 3274.8 |
| 40° | 10765.2 | 10490.1 | 8759.5 | 5466.9 | 3496.7 | 3301.4 | 2973.1 | 2848.8 | 2893.2 | 2990.8 | 3008.6 |
| 42.5° | 12247.3 | 11723.7 | 9425.1 | 5094.2 | 3283.7 | 3061.8 | 2760.1 | 2627.0 | 2653.6 | 2742.3 | 2760.1 |
| 45° | 14146.5 | 13356.6 | 10339.2 | 4703.7 | 3115.1 | 2813.3 | 2538.2 | 2396.2 | 2422.8 | 2520.5 | 2564.8 |
| 47.5° | 16365.2 | 15282.5 | 11297.7 | 4286.5 | 3017.4 | 2618.1 | 2316.3 | 2209.8 | 2272.0 | 2369.6 | 2387.3 |
| 50° | 18983.3 | 17891.7 | 11910.0 | 3949.3 | 2955.3 | 2467.2 | 2112.2 | 2067.8 | 2147.7 | 2227.6 | 2245.3 |
| 52.5° | 21841.0 | 20287.9 | 11519.5 | 3674.2 | 2902.1 | 2414.0 | 1970.2 | 1988.0 | 2050.1 | 2130.0 | 2156.6 |
| 55° | 24618.8 | 21166.5 | 10223.8 | 3319.2 | 2839.9 | 2449.5 | 1863.7 | 1908.1 | 1988.0 | 2050.1 | 2067.8 |
| 57.5° | 26429.3 | 20429.9 | 8235.9 | 2946.4 | 2769.0 | 2476.1 | 1810.5 | 1846.0 | 1934.7 | 2005.7 | 2014.6 |
| 60° | 24849.6 | 18814.7 | 6168.0 | 2627.0 | 2618.1 | 2431.7 | 1792.7 | 1739.5 | 1863.7 | 1925.8 | 1934.7 |
| 62.5° | 20358.9 | 15389.0 | 3940.4 | 2325.2 | 2334.1 | 2334.1 | 1783.8 | 1562.0 | 1721.7 | 1775.0 | 1766.1 |
| 65° | *13986.8* | *10880.6* | *2440.6* | *1899.2* | *1988.0* | *2121.1* | *1730.6* | *1375.6* | *1562.0* | *1615.2* | *1597.5* |
| 67.5° | 9194.3 | 6913.5 | 1508.7 | 1464.3 | 1633.0 | 1837.1 | 1624.1 | 1233.6 | 1402.2 | 1437.7 | 1384.5 |
| 70° | 4987.7 | 3257.1 | 994.0 | 958.5 | 1278.0 | 1446.6 | 1375.6 | 1109.4 | 1251.4 | 1286.9 | 1233.6 |
| 72.5° | 3292.6 | 1872.6 | 701.1 | 701.1 | 1002.9 | 1011.7 | 1127.1 | 994.0 | 1109.4 | 1144.9 | 1091.6 |
| 75° | 2476.1 | 1207.0 | 488.1 | 541.4 | 639.0 | 789.9 | 807.6 | 834.2 | 940.7 | 985.1 | 931.9 |
| 77.5° | 1136.0 | 443.7 | 292.9 | 399.4 | 443.7 | 603.5 | 514.7 | 621.2 | 701.1 | 718.9 | 674.5 |
| 80° | 656.7 | 248.5 | 195.2 | 257.4 | 284.0 | 497.0 | 301.7 | 372.7 | 497.0 | 523.6 | 470.4 |
| 82.5° | 275.1 | 124.2 | 133.1 | 159.7 | 168.6 | 275.1 | 213.0 | 239.6 | 328.4 | 319.5 | 284.0 |
| 85° | 79.9 | 79.9 | 88.7 | 97.6 | 97.6 | 159.7 | 150.9 | 142.0 | 150.9 | 150.9 | 124.2 |
| 87.5° | 53.2 | 53.2 | 53.2 | 62.1 | 62.1 | 71.0 | 79.9 | 88.7 | 88.7 | 88.7 | 79.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 |
| 2.5° | 4499.5 | 4419.7 | 4304.3 | 4286.5 | 4224.4 | 4180.1 | 4224.4 | 4268.8 | 4348.7 | 4357.5 | 4393.0 |
| 5° | 4126.8 | 3940.4 | 3798.4 | 3638.7 | 3558.8 | 3549.9 | 3532.2 | 3585.4 | 3700.8 | 3771.8 | 3825.1 |
| 7.5° | 3878.3 | 3541.1 | 3292.6 | 3070.7 | 2990.8 | 2928.7 | 2981.9 | 2973.1 | 3123.9 | 3186.1 | 3239.3 |
| 10° | 3745.2 | 3274.8 | 2902.1 | 2627.0 | 2520.5 | 2458.3 | 2449.5 | 2467.2 | 2556.0 | 2618.1 | 2680.2 |
| 12.5° | 3833.9 | 3168.3 | 2618.1 | 2298.6 | 2183.2 | 2112.2 | 2050.1 | 2050.1 | 2067.8 | 2147.7 | 2174.3 |
| 15° | 4126.8 | 3230.4 | 2485.0 | 2138.8 | 1988.0 | 1872.6 | 1792.7 | 1730.6 | 1739.5 | 1748.3 | 1775.0 |
| 17.5° | 4552.8 | 3390.2 | 2440.6 | 2041.2 | 1881.5 | 1739.5 | 1659.6 | 1588.6 | 1570.8 | 1570.8 | 1562.0 |
| 20° | 4961.0 | 3514.4 | 2405.1 | 1961.3 | 1757.2 | 1633.0 | 1562.0 | 1499.8 | 1473.2 | 1473.2 | 1473.2 |
| 22.5° | 5129.7 | 3620.9 | 2360.7 | 1863.7 | 1633.0 | 1517.6 | 1455.5 | 1411.1 | 1402.2 | 1402.2 | 1393.4 |
| 25° | 4996.5 | 3585.4 | 2307.5 | 1766.1 | 1517.6 | 1428.8 | 1375.6 | 1331.2 | 1322.4 | 1331.2 | 1322.4 |
| 27.5° | 4579.4 | 3461.2 | 2236.5 | 1686.2 | 1428.8 | 1349.0 | 1304.6 | 1260.2 | 1251.4 | 1260.2 | 1260.2 |
| 30° | 4135.7 | 3248.2 | 2121.1 | 1624.1 | 1357.9 | 1269.1 | 1224.7 | 1180.4 | 1180.4 | 1189.2 | 1198.1 |
| 32.5° | 3780.7 | 3035.2 | 1988.0 | 1544.2 | 1278.0 | 1198.1 | 1153.7 | 1109.4 | 1109.4 | 1127.1 | 1127.1 |
| 35° | 3478.9 | 2866.6 | 1854.8 | 1464.3 | 1207.0 | 1118.2 | 1082.7 | 1047.2 | 1038.4 | 1056.1 | 1065.0 |
| 37.5° | 3239.3 | 2715.7 | 1712.8 | 1384.5 | 1136.0 | 1056.1 | 1020.6 | 976.2 | 967.4 | 985.1 | 1002.9 |
| 40° | 2990.8 | 2547.1 | 1588.6 | 1286.9 | 1065.0 | 985.1 | 949.6 | 896.4 | 896.4 | 914.1 | 931.9 |
| 42.5° | 2751.2 | 2396.2 | 1508.7 | 1198.1 | 994.0 | 905.2 | 869.7 | 825.4 | 825.4 | 843.1 | 860.9 |
| 45° | 2556.0 | 2254.2 | 1464.3 | 1109.4 | 914.1 | 834.2 | 789.9 | 754.4 | 763.2 | 781.0 | 798.7 |
| 47.5° | 2369.6 | 2103.3 | 1473.2 | 1065.0 | 860.9 | 754.4 | 710.0 | 683.4 | 701.1 | 727.7 | 745.5 |
| 50° | 2227.6 | 1996.8 | 1482.1 | 994.0 | 789.9 | 692.2 | 647.9 | 630.1 | 656.7 | 683.4 | 701.1 |
| 52.5° | 2138.8 | 1890.3 | 1428.8 | 905.2 | 736.6 | 630.1 | 603.5 | 603.5 | 630.1 | 647.9 | 665.6 |
| 55° | 2050.1 | 1712.8 | 1313.5 | 807.6 | 683.4 | 585.7 | 568.0 | 568.0 | 594.6 | 612.4 | 621.2 |
| 57.5° | 1979.1 | 1526.5 | 1180.4 | 727.7 | 621.2 | 541.4 | 541.4 | 541.4 | 550.2 | 559.1 | 576.9 |
| 60° | 1846.0 | 1331.2 | 1011.7 | 665.6 | 559.1 | 505.9 | 497.0 | 497.0 | 488.1 | 497.0 | 523.6 |
| 62.5° | 1615.2 | 1118.2 | 860.9 | 594.6 | 505.9 | 461.5 | 452.6 | 426.0 | 399.4 | 408.2 | 426.0 |
| 65° | *1366.7* | *887.5* | *718.9* | *514.7* | *434.9* | *408.2* | *399.4* | *355.0* | *319.5* | *328.4* | *355.0* |
| 67.5° | 1091.6 | 665.6 | 603.5 | 443.7 | 372.7 | 346.1 | 346.1 | 319.5 | 292.9 | 292.9 | 310.6 |
| 70° | 852.0 | 559.1 | 452.6 | 355.0 | 292.9 | 292.9 | 310.6 | 284.0 | 248.5 | 248.5 | 275.1 |
| 72.5° | 692.2 | 452.6 | 363.9 | 275.1 | 230.7 | 248.5 | 257.4 | 230.7 | 204.1 | 204.1 | 221.9 |
| 75° | 541.4 | 355.0 | 284.0 | 204.1 | 177.5 | 186.4 | 204.1 | 186.4 | 159.7 | 168.6 | 177.5 |
| 77.5° | 372.7 | 239.6 | 186.4 | 150.9 | 133.1 | 142.0 | 142.0 | 133.1 | 124.2 | 124.2 | 133.1 |
| 80° | 248.5 | 159.7 | 124.2 | 106.5 | 97.6 | 97.6 | 88.7 | 88.7 | 97.6 | 97.6 | 106.5 |
| 82.5° | 177.5 | 115.4 | 97.6 | 79.9 | 62.1 | 62.1 | 71.0 | 71.0 | 79.9 | 79.9 | 88.7 |
| 85° | 106.5 | 79.9 | 71.0 | 53.2 | 44.4 | 53.2 | 53.2 | 62.1 | 71.0 | 71.0 | 79.9 |
| 87.5° | 79.9 | 62.1 | 53.2 | 44.4 | 35.5 | 35.5 | 44.4 | 44.4 | 53.2 | 62.1 | 62.1 |
| 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: P1365289
CATALOG NUMBER: GSS-SB5C-740-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 | 4996.5 |
| 2.5° | 4481.8 | 4588.3 | 4739.2 | 4872.3 | 5032.0 | 5191.8 | 5342.7 | 5484.7 | 5493.5 | 5502.4 |
| 5° | 3993.7 | 4206.7 | 4455.2 | 4756.9 | 5076.4 | 5387.0 | 5715.4 | 5981.6 | 6043.8 | 6079.3 |
| 7.5° | 3452.3 | 3762.9 | 4144.6 | 4570.5 | 5049.8 | 5529.0 | 5990.5 | 6389.9 | 6540.8 | 6576.3 |
| 10° | 2884.3 | 3265.9 | 3727.4 | 4277.7 | 4925.5 | 5564.5 | 6185.8 | 6673.9 | 6851.4 | 6886.9 |
| 12.5° | 2378.5 | 2689.1 | 3221.6 | 3887.2 | 4668.2 | 5511.3 | 6256.8 | 6798.1 | 6975.6 | 7020.0 |
| 15° | 1943.6 | 2236.5 | 2733.5 | 3434.6 | 4313.2 | 5324.9 | 6203.5 | 6824.8 | 7002.3 | 7037.7 |
| 17.5° | 1606.3 | 1792.7 | 2245.3 | 3008.6 | 3993.7 | 5085.3 | 6132.5 | 6842.5 | 7011.1 | 7037.7 |
| 20° | 1473.2 | 1508.7 | 1748.3 | 2493.8 | 3656.4 | 4907.8 | 6088.1 | 6869.1 | 7037.7 | 7064.4 |
| 22.5° | 1411.1 | 1411.1 | 1464.3 | 1899.2 | 3186.1 | 4721.4 | 6070.4 | 6949.0 | 7073.2 | 7099.9 |
| 25° | 1349.0 | 1349.0 | 1366.7 | 1491.0 | 2627.0 | 4490.7 | 6105.9 | 7091.0 | 7170.9 | 7170.9 |
| 27.5° | 1286.9 | 1286.9 | 1304.6 | 1331.2 | 1952.5 | 4109.1 | 6114.8 | 7250.7 | 7286.2 | 7259.6 |
| 30° | 1224.7 | 1242.5 | 1242.5 | 1260.2 | 1437.7 | 3629.8 | 6061.5 | 7428.2 | 7428.2 | 7375.0 |
| 32.5° | 1162.6 | 1171.5 | 1189.2 | 1198.1 | 1251.4 | 3008.6 | 5972.8 | 7650.1 | 7605.7 | 7534.7 |
| 35° | 1109.4 | 1118.2 | 1118.2 | 1136.0 | 1189.2 | 2405.1 | 5875.1 | 7951.9 | 7827.6 | 7747.7 |
| 37.5° | 1038.4 | 1047.2 | 1056.1 | 1073.9 | 1127.1 | 1908.1 | 5733.1 | 8209.2 | 8120.5 | 8014.0 |
| 40° | 976.2 | 985.1 | 994.0 | 1011.7 | 1065.0 | 1641.8 | 5555.7 | 8599.7 | 8582.0 | 8457.7 |
| 42.5° | 905.2 | 923.0 | 931.9 | 940.7 | 1011.7 | 1499.8 | 5431.4 | 9229.8 | 9229.8 | 9079.0 |
| 45° | 843.1 | 860.9 | 860.9 | 878.6 | 976.2 | 1375.6 | 5706.5 | 10099.6 | 10170.6 | 10028.6 |
| 47.5° | 789.9 | 798.7 | 798.7 | 807.6 | 923.0 | 1269.1 | 6443.1 | 11430.8 | 11342.0 | 11244.4 |
| 50° | 736.6 | 754.4 | 736.6 | 745.5 | 878.6 | 1331.2 | 7659.0 | 13134.8 | 13365.5 | 13196.9 |
| 52.5° | 701.1 | 710.0 | 674.5 | 674.5 | 816.5 | 1411.1 | 8653.0 | 15309.1 | 16081.2 | 15877.1 |
| 55° | 656.7 | 665.6 | 621.2 | 621.2 | 718.9 | 1224.7 | 8715.1 | 17785.2 | 19480.3 | 19613.4 |
| 57.5° | 612.4 | 612.4 | 576.9 | 568.0 | 621.2 | 994.0 | 7730.0 | 19702.1 | 23545.0 | 23846.7 |
| 60° | 559.1 | 550.2 | 532.5 | 514.7 | 568.0 | 914.1 | 5892.9 | 19444.8 | 25559.5 | 26606.8 |
| 62.5° | 479.2 | 497.0 | 488.1 | 452.6 | 514.7 | 852.0 | 3842.8 | 16826.7 | 23287.6 | 24210.6 |
| 65° | *399.4* | *426.0* | *426.0* | *399.4* | *568.0* | *745.5* | *2023.5* | *13472.0* | *19435.9* | *20545.3* |
| 67.5° | 355.0 | 372.7 | 363.9 | 346.1 | 505.9 | 470.4 | 976.2 | 10330.3 | 16640.3 | 17705.3 |
| 70° | 310.6 | 328.4 | 301.7 | 284.0 | 408.2 | 337.2 | 576.9 | 6913.5 | 13738.3 | 14776.6 |
| 72.5° | 257.4 | 275.1 | 248.5 | 221.9 | 301.7 | 257.4 | 381.6 | 4499.5 | 11439.7 | 12593.4 |
| 75° | 213.0 | 221.9 | 204.1 | 177.5 | 221.9 | 204.1 | 266.2 | 2937.6 | 9567.1 | 10419.1 |
| 77.5° | 150.9 | 168.6 | 159.7 | 133.1 | 159.7 | 142.0 | 186.4 | 1677.3 | 6673.9 | 7312.9 |
| 80° | 115.4 | 115.4 | 115.4 | 106.5 | 97.6 | 97.6 | 124.2 | 754.4 | 3239.3 | 3603.2 |
| 82.5° | 97.6 | 97.6 | 88.7 | 79.9 | 71.0 | 62.1 | 71.0 | 221.9 | 1526.5 | 1615.2 |
| 85° | 88.7 | 71.0 | 62.1 | 53.2 | 44.4 | 26.6 | 26.6 | 62.1 | 310.6 | 257.4 |
| 87.5° | 53.2 | 44.4 | 35.5 | 17.7 | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 8.9 |
| 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

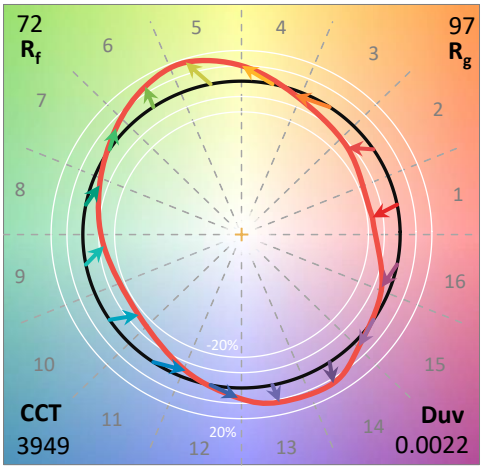
## Test Information

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

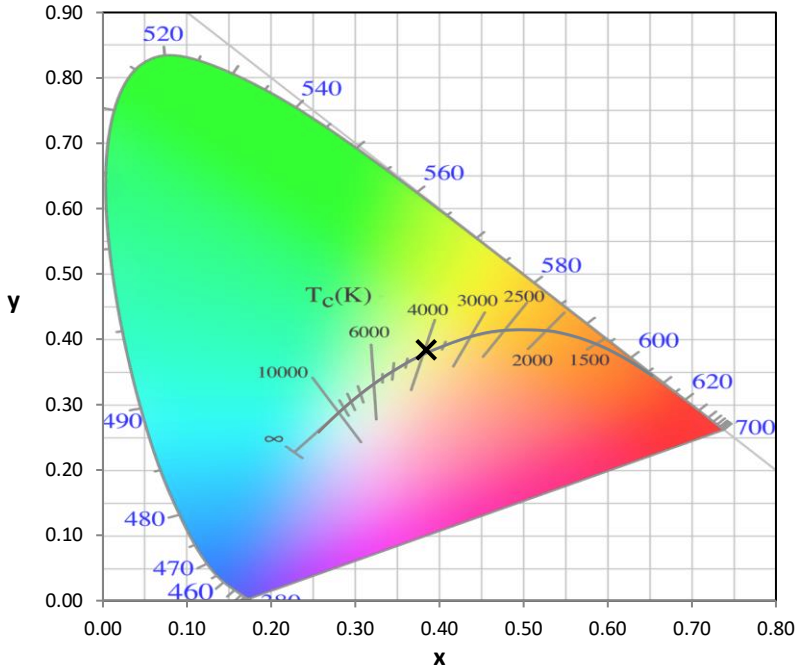
| | |
|---|---|
| Stabilization Time: | 34M |
| Operation Time: | 1H 34M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-1

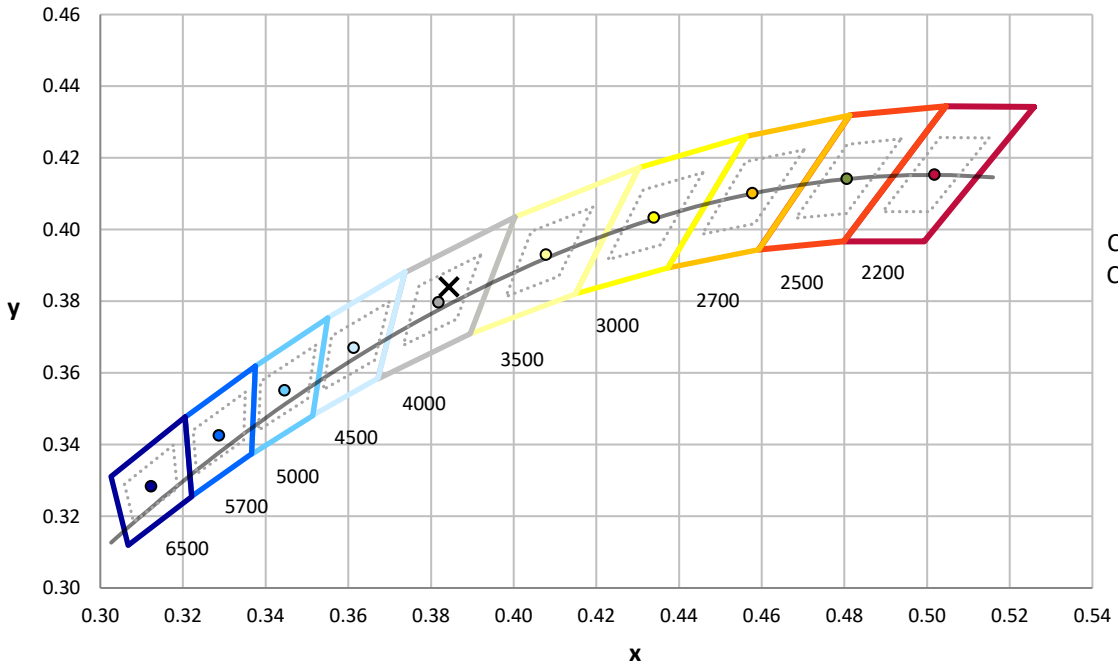
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC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

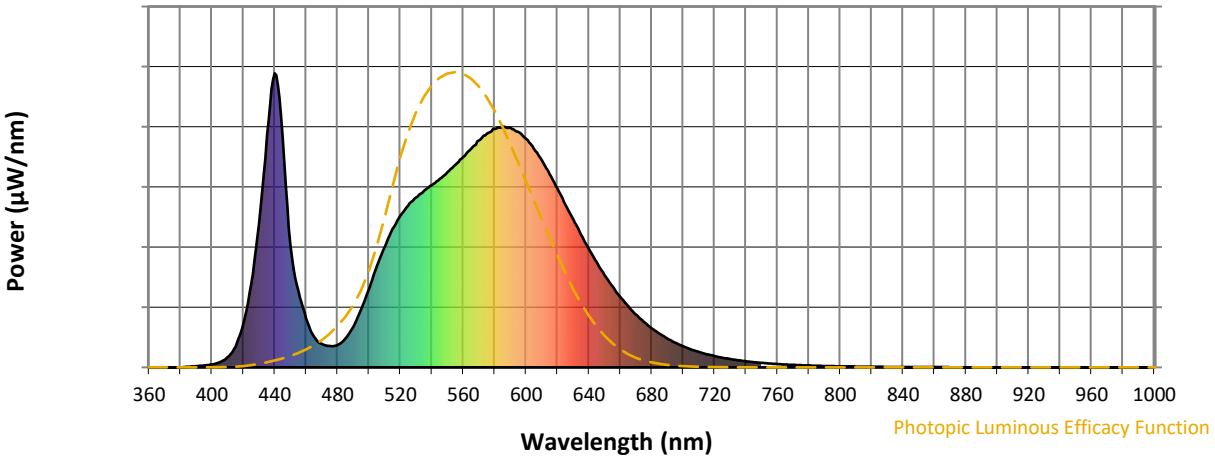



CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

## Photopic Flux vs. Wavelength

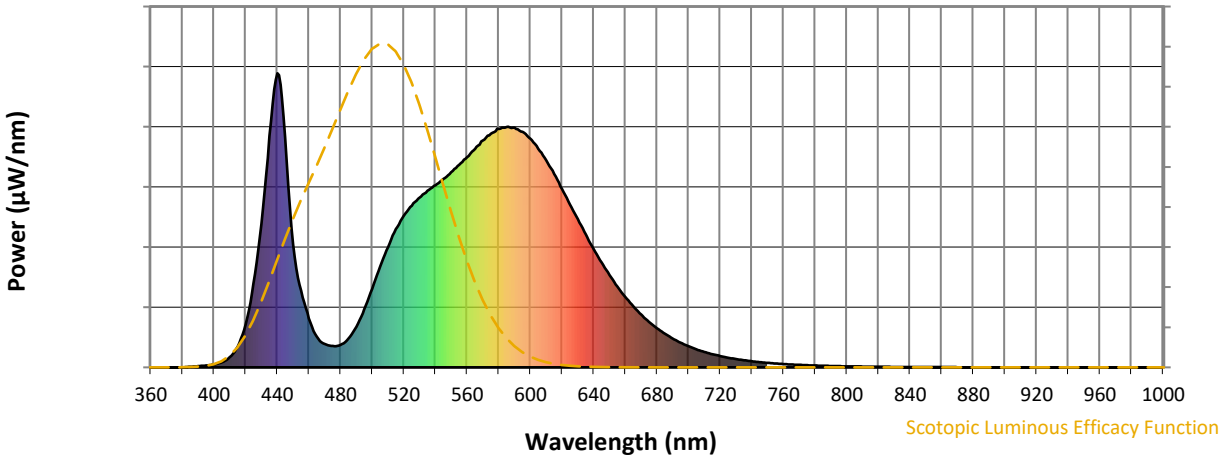



## Photopic Lumens: NR

| 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

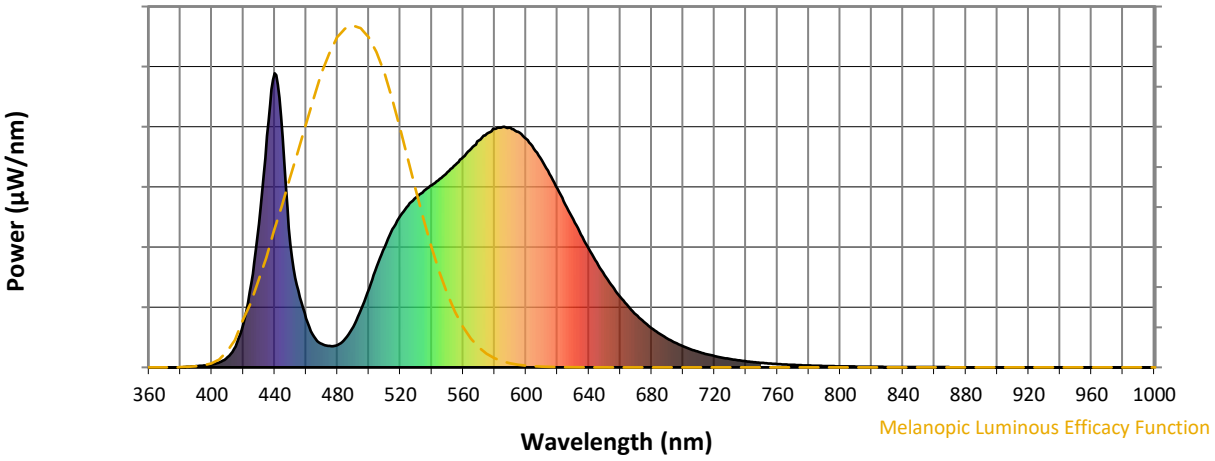



**Scotopic Lumens: NR** **S/P: 1.47**

| 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 | | | |

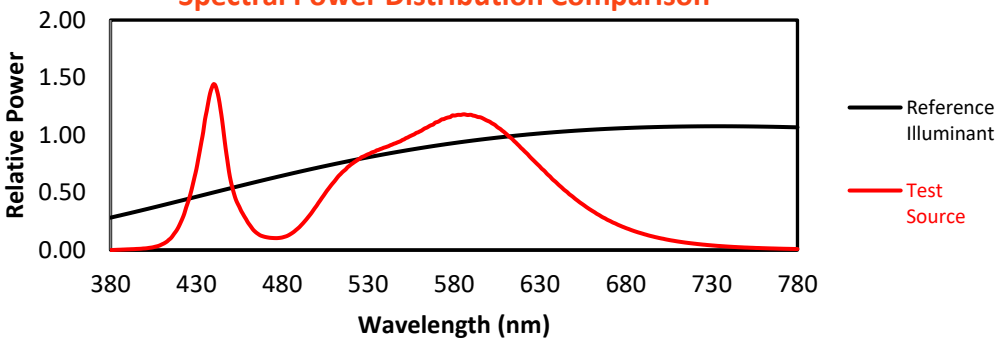
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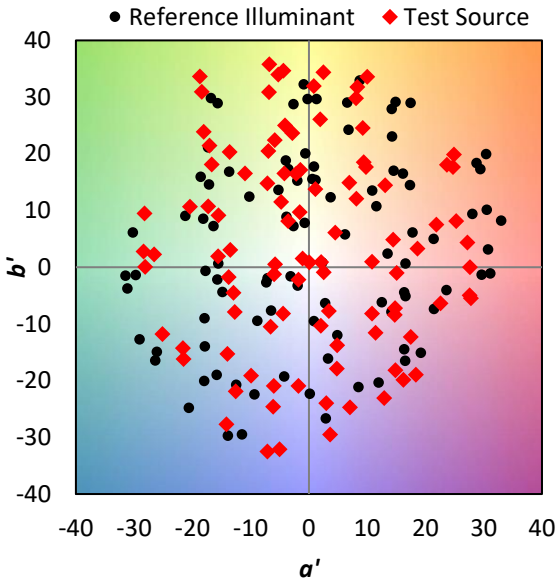
## Summary

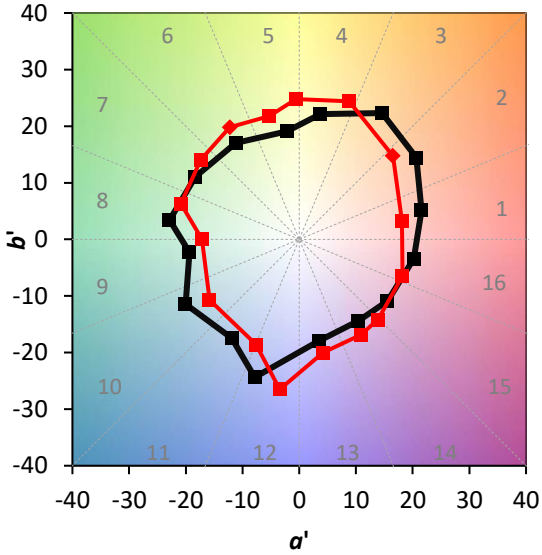
$R_f$ = 71.8
$R_g$ = 96.5
CIE $R_a$ = 70.7
$R_9$ = -36.7

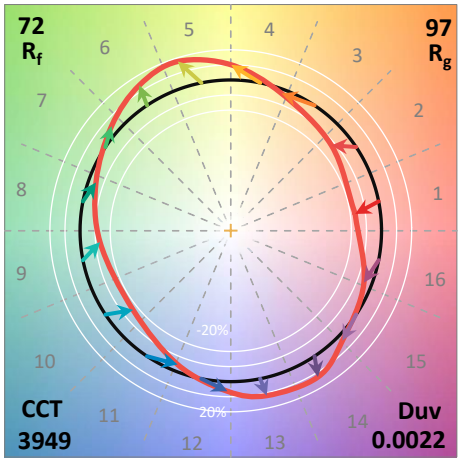
## Spectral Power Distribution Comparison

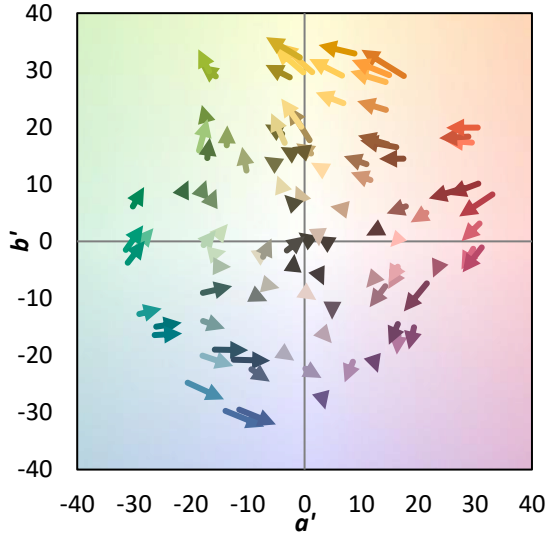



## Color Vector Graphics



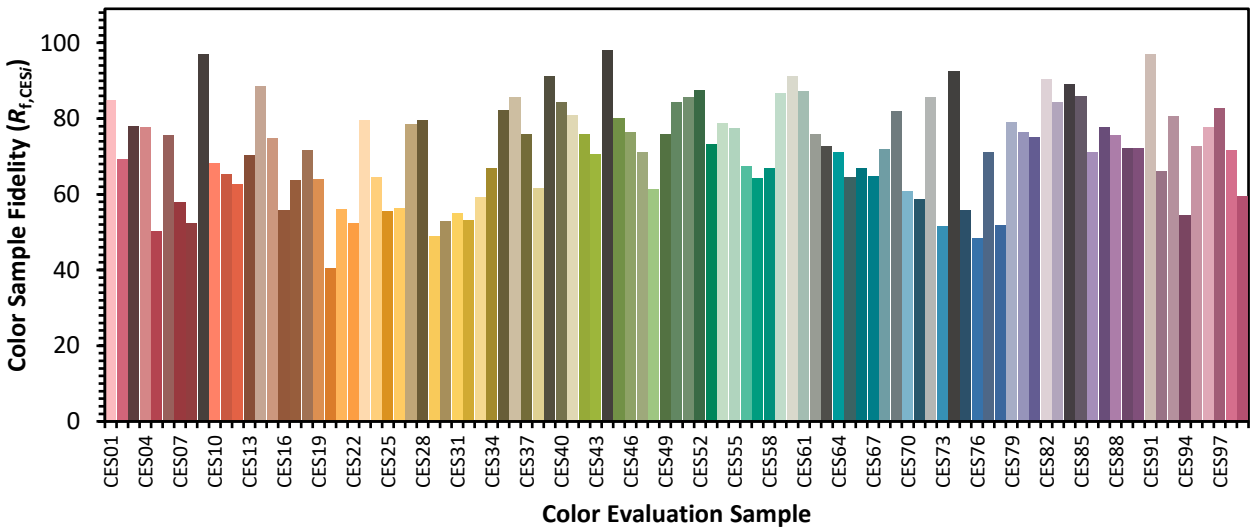



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**Individual Sample Fidelity Index ($R_{f,i}$)**

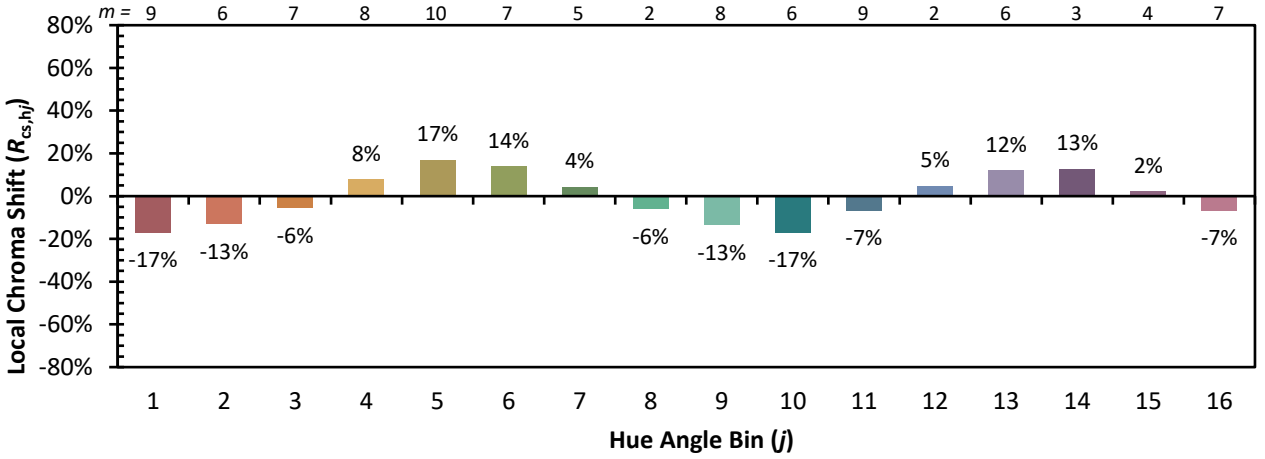
| | | | |
|---|---|---|---|
| CES01 = 85 | CES26 = 56 | CES51 = 86 | CES76 = 48 |
| CES02 = 61 | CES27 = 79 | CES52 = 88 | CES77 = 71 |
| CES03 = 30 | CES28 = 80 | CES53 = 73 | CES78 = 52 |
| CES04 = 70 | CES29 = 49 | CES54 = 79 | CES79 = 79 |
| CES05 = 47 | CES30 = 53 | CES55 = 77 | CES80 = 77 |
| CES06 = 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 | |

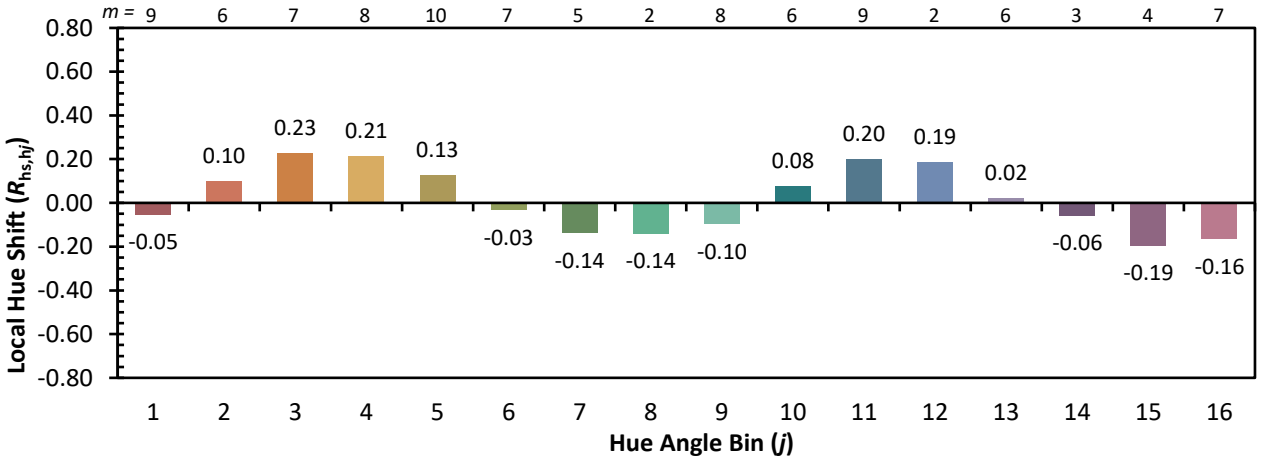


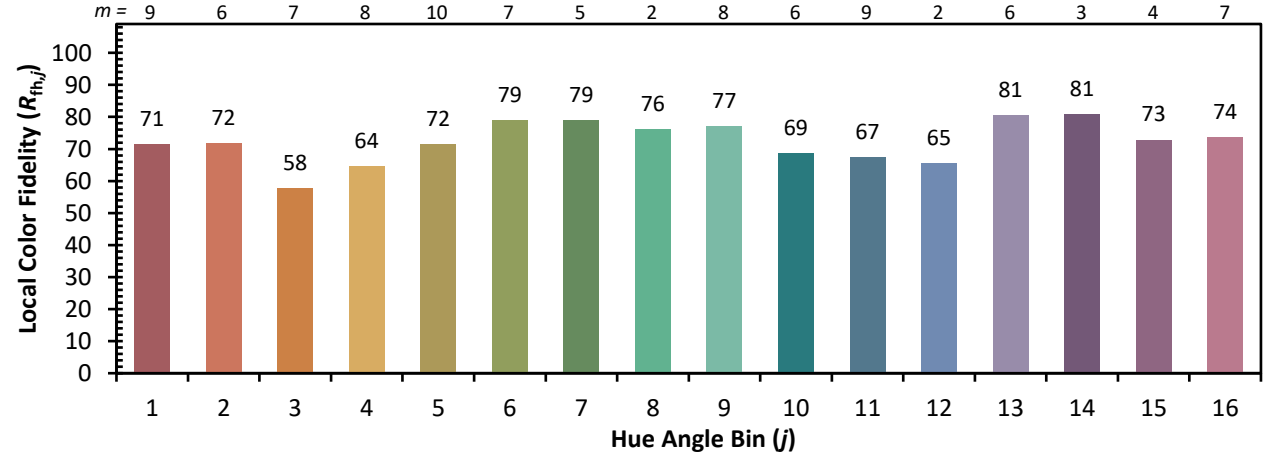
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## Color Rendition by Hue-Angle Bin



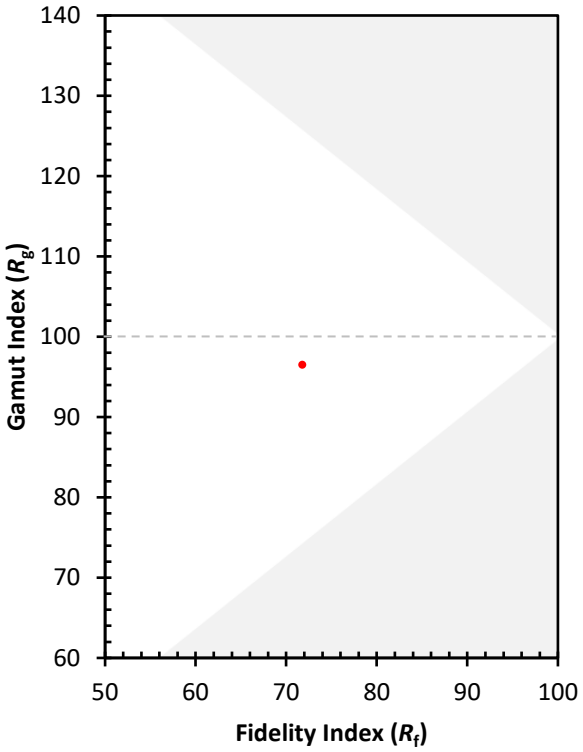



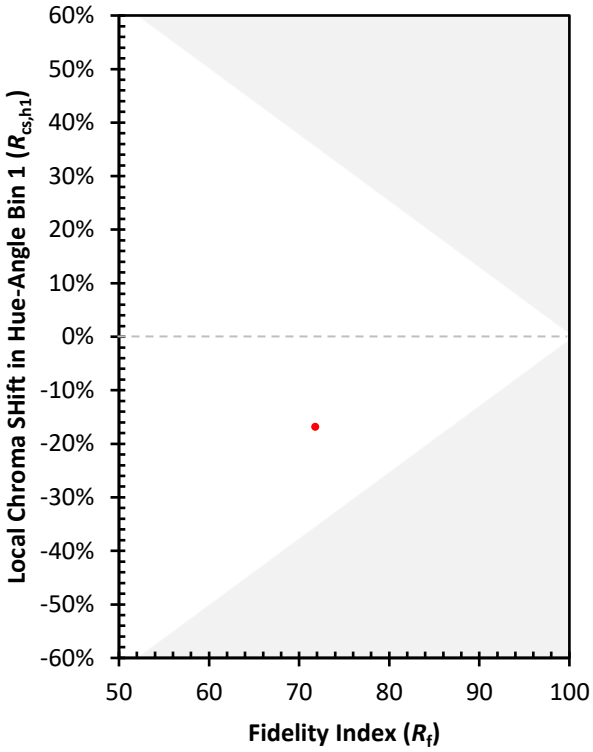



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## Measure Comparisons




(END OF REPORT)