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: P1364213

Luminaire Tested: **GSS-SB6C-730-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364213 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB6C-730-U-SLR |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC |
| Light Source: | (156) 3000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 41174.9 lumens |
| Efficiency: | N/A |
| Efficacy: | 137.2 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B4 - U0 - G5 |

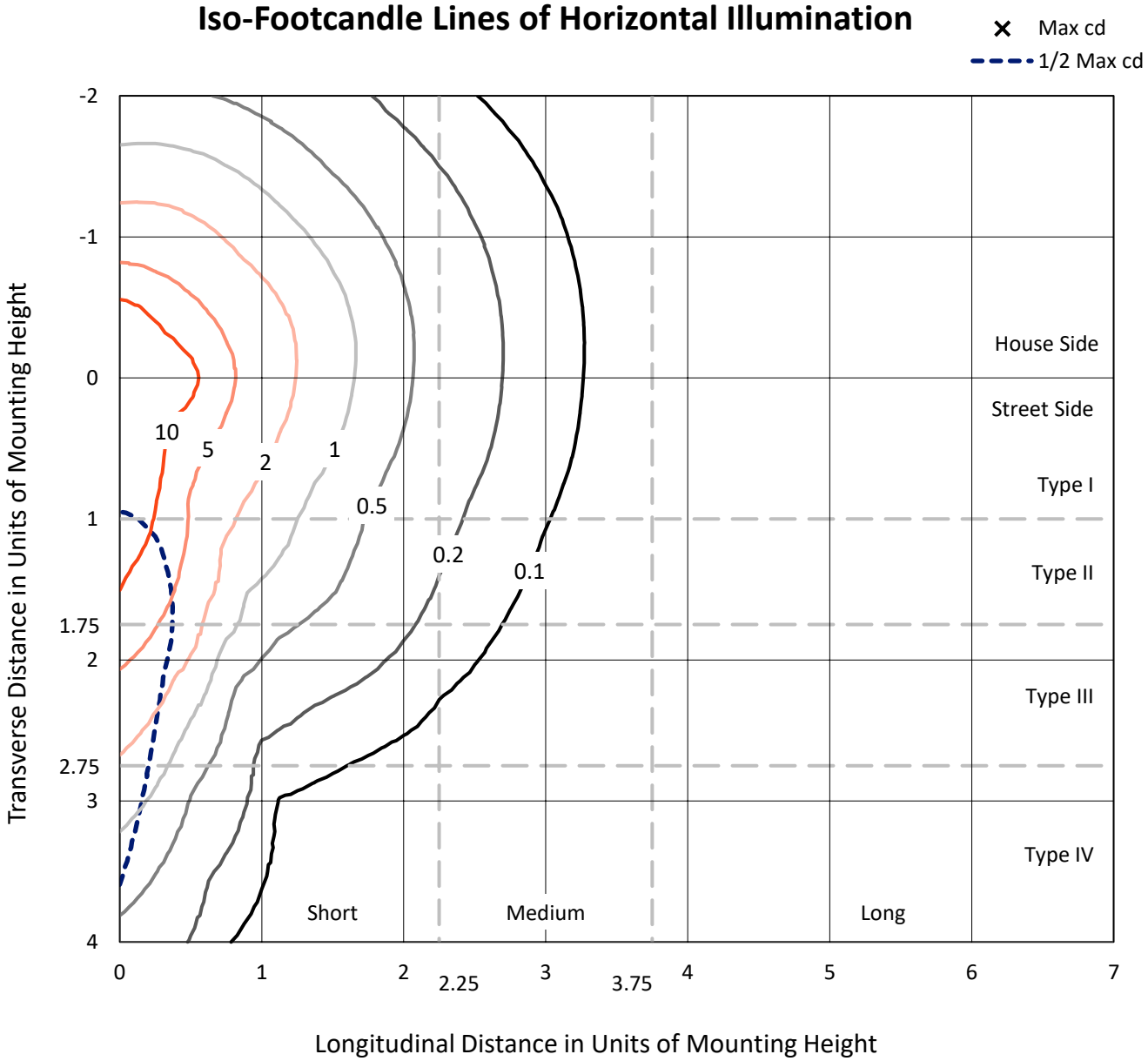
| | |
|---|---|
| Input Watts (W): | 300 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 6.3% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



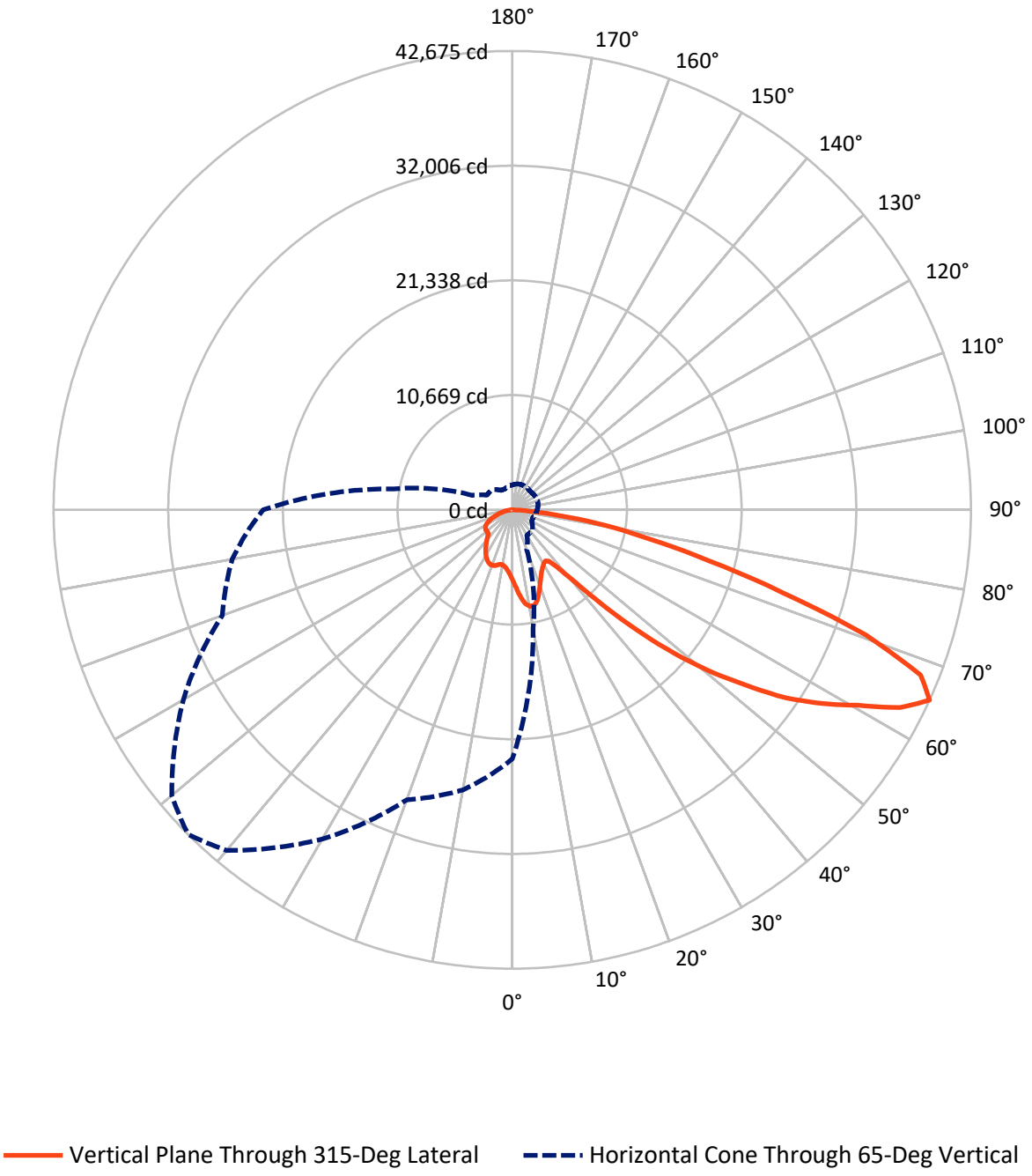

Based on 20 foot mounting height. Maximum calculated value = 19.6 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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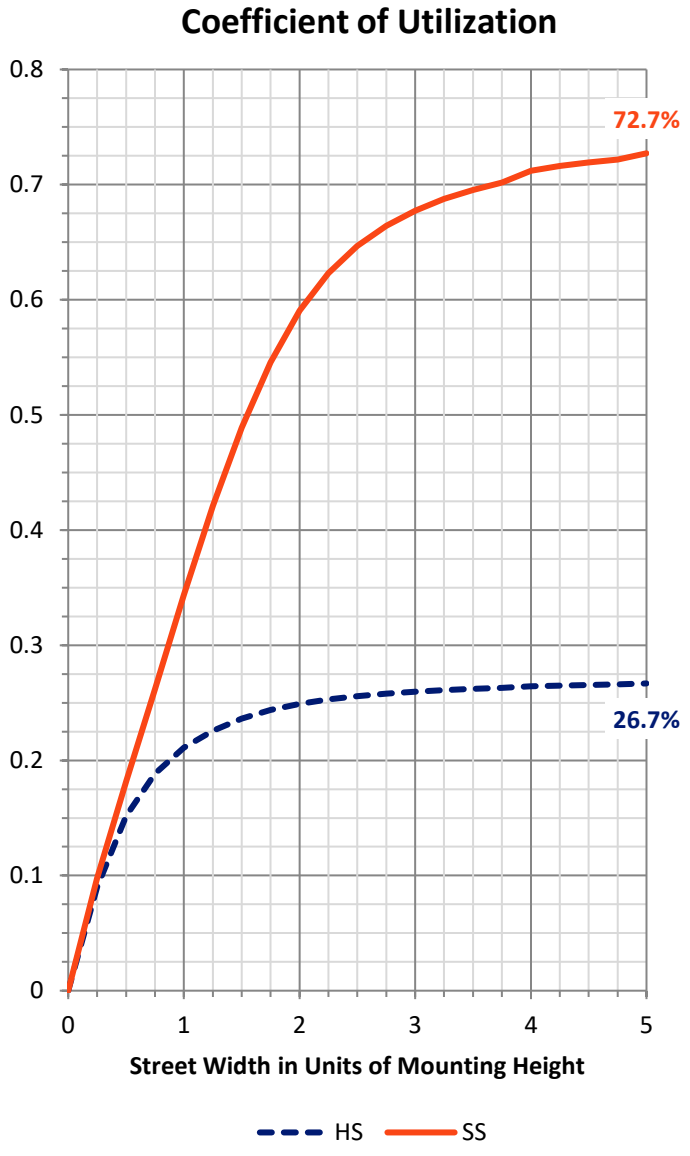
REPORT NUMBER: P1364213
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 11077.0 | 0.0 | 11077.0 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 30098.0 | 0.0 | 30098.0 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 41174.9 | 0.0 | 41174.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 648.3 | 1.6 |
| 10°-20° | 1986.6 | 4.8 |
| 20°-30° | 3074.7 | 7.5 |
| 30°-40° | 3814.7 | 9.3 |
| 40°-50° | 5578.3 | 13.5 |
| 50°-60° | 8737.7 | 21.2 |
| 60°-70° | 10367.8 | 25.2 |
| 70°-80° | 6047.0 | 14.7 |
| 80°-90° | 919.9 | 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° | 41174.9 | 100.0 |
| 0°-180° | 41174.9 | 100.0 |



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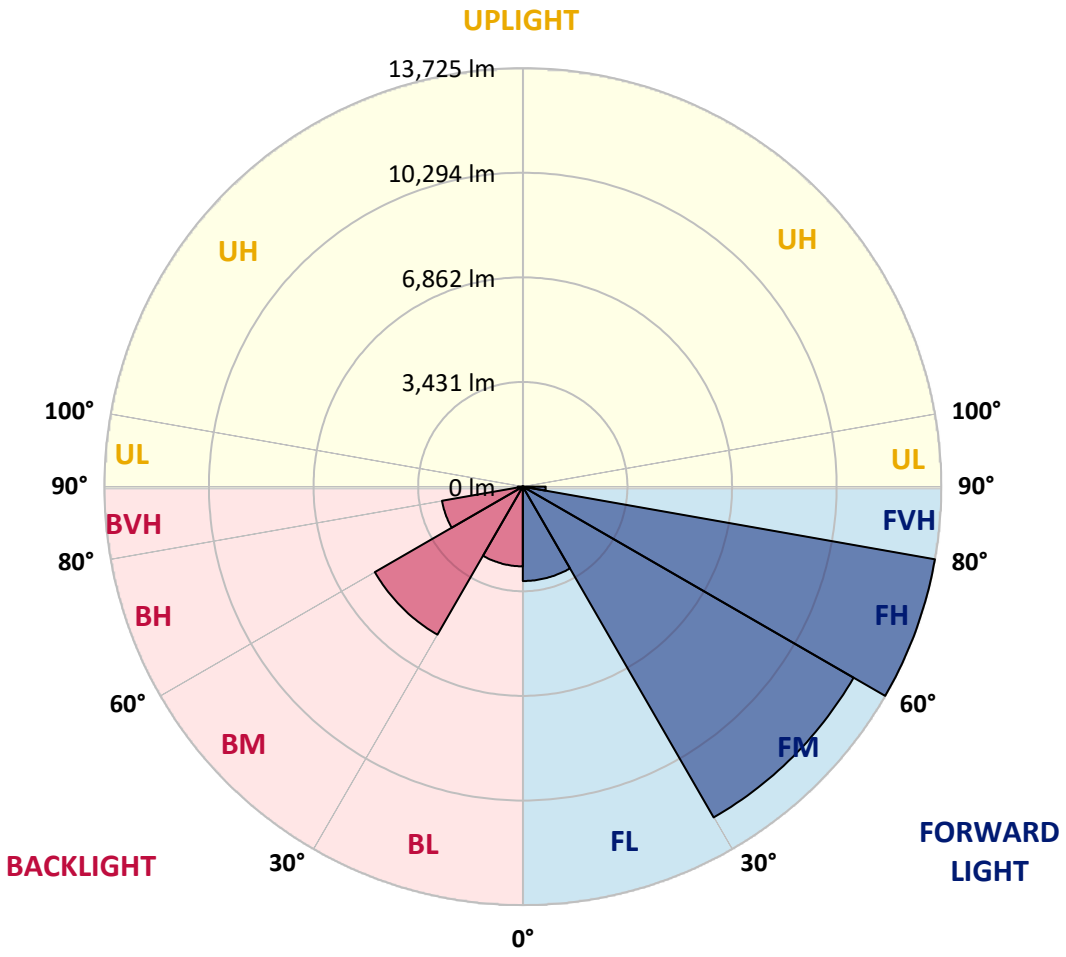
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 3094.7 | 7.5 | | | |
| FM | (30°-60°) | 12526.3 | 30.4 | | | |
| FH | (60°-80°) | 13724.7 | 33.3 | | | G5 |
| FVH | (80°-90°) | 752.4 | 1.8 | | | G5 |
| BL | (0°-30°) | 2614.9 | 6.4 | B4/5000 | | |
| BM | (30°-60°) | 5604.3 | 13.6 | B4/8500 | | |
| BH | (60°-80°) | 2690.1 | 6.5 | B4/5000 | | G4/5000 |
| BVH | (80°-90°) | 167.6 | 0.4 | | | G2/225 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B4-U0-G5**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 |
| 2.5° | 7094.1 | 7029.6 | 6966.2 | 6907.8 | 6849.4 | 6791.0 | 6731.6 | 6675.2 | 6617.8 | 6560.4 | 6510.0 |
| 5° | 7577.4 | 7463.6 | 7350.9 | 7232.0 | 7114.2 | 6998.4 | 6882.6 | 6772.9 | 6664.1 | 6550.3 | 6452.6 |
| 7.5° | 8065.8 | 7874.5 | 7683.1 | 7502.9 | 7322.7 | 7161.5 | 7000.4 | 6856.4 | 6711.4 | 6560.4 | 6442.6 |
| 10° | 8372.9 | 8144.3 | 7914.8 | 7691.2 | 7466.7 | 7268.3 | 7068.9 | 6902.8 | 6736.6 | 6575.5 | 6449.6 |
| 12.5° | 8529.0 | 8301.4 | 8073.9 | 7823.1 | 7572.4 | 7349.8 | 7127.3 | 6944.0 | 6761.8 | 6585.6 | 6462.7 |
| 15° | 8604.5 | 8373.9 | 8144.3 | 7889.6 | 7634.8 | 7395.2 | 7154.5 | 6948.1 | 6741.6 | 6545.3 | 6436.5 |
| 17.5° | 8624.7 | 8409.2 | 8194.7 | 7922.8 | 7650.9 | 7377.0 | 7104.1 | 6863.5 | 6623.8 | 6394.2 | 6301.6 |
| 20° | 8690.1 | 8472.6 | 8255.1 | 7963.1 | 7671.1 | 7349.8 | 7028.6 | 6712.4 | 6396.2 | 6092.1 | 6033.7 |
| 22.5° | 8760.6 | 8561.2 | 8362.9 | 8041.6 | 7721.4 | 7328.7 | 6936.0 | 6539.2 | 6142.5 | 5780.0 | 5724.6 |
| 25° | 8871.4 | 8699.2 | 8527.0 | 8176.6 | 7826.1 | 7326.7 | 6827.2 | 6332.8 | 5838.4 | 5422.5 | 5417.5 |
| 27.5° | 9032.5 | 8900.6 | 8768.7 | 8373.9 | 7980.2 | 7345.8 | 6711.4 | 6121.3 | 5530.3 | 5105.3 | 5130.5 |
| 30° | 9259.1 | 9155.3 | 9052.6 | 8607.5 | 8161.5 | 7387.1 | 6613.8 | 5937.1 | 5261.4 | 4848.5 | 4875.7 |
| 32.5° | 9536.0 | 9471.5 | 9407.1 | 8882.4 | 8357.8 | 7433.4 | 6510.0 | 5776.0 | 5042.9 | 4662.3 | 4662.3 |
| 35° | 10004.2 | 9923.6 | 9843.1 | 9174.5 | 8506.8 | 7422.3 | 6338.9 | 5592.7 | 4845.5 | 4551.5 | 4489.1 |
| 37.5° | 10598.3 | 10502.7 | 10407.0 | 9530.9 | 8654.9 | 7391.1 | 6127.4 | 5389.3 | 4652.2 | 4420.6 | 4301.8 |
| 40° | 11474.4 | 11286.1 | 11096.8 | 9938.8 | 8780.7 | 7320.6 | 5860.5 | 5146.6 | 4432.7 | 4249.4 | 4100.4 |
| 42.5° | 12702.9 | 12304.1 | 11904.4 | 10389.9 | 8873.4 | 7198.8 | 5523.2 | 4857.6 | 4191.0 | 4063.1 | 3878.8 |
| 45° | 14228.4 | 13589.0 | 12949.6 | 11002.1 | 9054.6 | 7115.2 | 5175.8 | 4563.6 | 3952.3 | 3836.5 | 3653.3 |
| 47.5° | 15688.5 | 14878.9 | 14069.3 | 11631.5 | 9193.6 | 7017.5 | 4841.5 | 4271.5 | 3703.6 | 3569.7 | 3398.5 |
| 50° | 17380.2 | 16282.6 | 15185.0 | 12180.3 | 9175.5 | 6851.4 | 4526.3 | 4011.8 | 3496.2 | 3312.9 | 3143.7 |
| 52.5° | 19550.2 | 17807.2 | 16063.1 | 12440.1 | 8816.0 | 6511.0 | 4207.1 | 3778.1 | 3351.2 | 3116.6 | 2935.3 |
| 55° | 22143.2 | 19338.8 | 16534.4 | 12371.6 | 8208.8 | 6059.9 | 3909.0 | 3582.8 | 3254.5 | 3020.9 | 2807.4 |
| 57.5° | 24786.5 | 20624.7 | 16463.9 | 11998.0 | 7532.1 | 5587.7 | 3643.2 | 3417.6 | 3192.1 | 2995.7 | 2733.9 |
| 60° | 26770.2 | 21200.7 | 15630.1 | 11102.8 | 6575.5 | 4990.5 | 3405.6 | 3247.5 | 3089.4 | 2935.3 | 2673.5 |
| 62.5° | 25949.5 | 19922.8 | 13896.1 | 9635.7 | 5375.2 | 4233.3 | 3091.4 | 3002.8 | 2915.2 | 2849.7 | 2600.0 |
| 65° | *23180.4* | *17183.9* | *11187.4* | *7558.3* | *3929.2* | *3327.0* | *2723.8* | *2704.7* | *2686.6* | *2668.5* | *2462.0* |
| 67.5° | 20582.4 | 14758.1 | 8933.8 | 5881.7 | 2829.6 | 2543.6 | 2257.6 | 2311.0 | 2364.4 | 2391.5 | 2250.6 |
| 70° | 18095.2 | 12537.7 | 6980.3 | 4507.2 | 2034.1 | 1933.4 | 1832.7 | 1912.2 | 1991.8 | 1983.7 | 1915.2 |
| 72.5° | 15532.4 | 10411.0 | 5288.6 | 3388.4 | 1488.3 | 1486.3 | 1485.3 | 1545.7 | 1606.1 | 1525.6 | 1568.9 |
| 75° | 12718.0 | 8312.5 | 3907.0 | 2511.4 | 1115.7 | 1108.7 | 1102.6 | 1174.1 | 1246.6 | 1278.8 | 1307.0 |
| 77.5° | 8458.5 | 5453.7 | 2448.9 | 1623.2 | 797.5 | 803.6 | 807.6 | 886.1 | 964.7 | 1057.3 | 1062.3 |
| 80° | 4964.3 | 3126.6 | 1288.9 | 897.2 | 505.5 | 511.5 | 515.6 | 598.1 | 679.7 | 810.6 | 805.6 |
| 82.5° | 2482.2 | 1566.8 | 652.5 | 482.3 | 312.2 | 313.2 | 314.2 | 354.5 | 394.7 | 468.2 | 488.4 |
| 85° | 563.9 | 372.6 | 181.3 | 153.1 | 125.9 | 131.9 | 139.0 | 165.1 | 191.3 | 231.6 | 243.7 |
| 87.5° | 45.3 | 44.3 | 42.3 | 41.3 | 40.3 | 42.3 | 45.3 | 50.3 | 55.4 | 60.4 | 70.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 |
| 2.5° | 6455.7 | 6402.3 | 6360.0 | 6318.7 | 6282.5 | 6245.2 | 6201.9 | 6157.6 | 6126.4 | 6094.2 | 6073.0 |
| 5° | 6356.0 | 6261.3 | 6182.8 | 6104.2 | 6039.8 | 5973.3 | 5914.9 | 5855.5 | 5809.2 | 5761.9 | 5723.6 |
| 7.5° | 6324.8 | 6207.9 | 6106.2 | 6003.5 | 5916.9 | 5830.3 | 5757.8 | 5684.3 | 5614.8 | 5546.4 | 5502.1 |
| 10° | 6325.8 | 6202.9 | 6098.2 | 5993.5 | 5901.8 | 5810.2 | 5714.5 | 5618.9 | 5542.3 | 5465.8 | 5399.4 |
| 12.5° | 6360.0 | 6258.3 | 6184.8 | 6112.3 | 6027.7 | 5943.1 | 5829.3 | 5714.5 | 5610.8 | 5508.1 | 5426.5 |
| 15° | 6370.1 | 6303.6 | 6297.6 | 6291.5 | 6262.3 | 6233.1 | 6127.4 | 6021.7 | 5878.7 | 5734.7 | 5617.9 |
| 17.5° | 6292.5 | 6283.5 | 6383.2 | 6482.8 | 6540.2 | 6597.6 | 6524.1 | 6449.6 | 6248.2 | 6046.8 | 5872.6 |
| 20° | 6091.1 | 6147.5 | 6342.9 | 6537.2 | 6692.3 | 6847.4 | 6839.3 | 6832.3 | 6569.4 | 6305.6 | 6077.0 |
| 22.5° | 5809.2 | 5892.8 | 6147.5 | 6402.3 | 6625.8 | 6849.4 | 6906.8 | 6963.2 | 6705.4 | 6446.6 | 6164.6 |
| 25° | 5509.1 | 5600.7 | 5836.4 | 6072.0 | 6312.7 | 6553.3 | 6660.1 | 6766.8 | 6554.3 | 6341.9 | 6068.0 |
| 27.5° | 5218.1 | 5306.7 | 5481.9 | 5657.1 | 5850.5 | 6043.8 | 6163.6 | 6283.5 | 6153.6 | 6023.7 | 5802.1 |
| 30° | 4944.2 | 5012.7 | 5139.6 | 5266.4 | 5397.3 | 5528.2 | 5623.9 | 5719.6 | 5634.0 | 5548.4 | 5389.3 |
| 32.5° | 4691.5 | 4720.7 | 4803.2 | 4885.8 | 4983.5 | 5080.1 | 5133.5 | 5185.9 | 5119.4 | 5053.0 | 4948.2 |
| 35° | 4464.9 | 4440.7 | 4495.1 | 4549.5 | 4628.0 | 4707.6 | 4747.8 | 4788.1 | 4732.7 | 4677.4 | 4583.7 |
| 37.5° | 4237.3 | 4170.9 | 4197.0 | 4221.2 | 4288.7 | 4355.1 | 4412.5 | 4470.9 | 4430.6 | 4390.4 | 4310.8 |
| 40° | 4003.7 | 3907.0 | 3905.0 | 3902.0 | 3966.4 | 4029.9 | 4102.4 | 4173.9 | 4166.8 | 4158.8 | 4083.2 |
| 42.5° | 3756.0 | 3633.1 | 3620.0 | 3607.0 | 3670.4 | 3733.8 | 3810.4 | 3886.9 | 3902.0 | 3917.1 | 3854.7 |
| 45° | 3526.4 | 3401.5 | 3381.4 | 3361.3 | 3415.6 | 3472.0 | 3555.6 | 3640.2 | 3675.4 | 3710.7 | 3654.3 |
| 47.5° | 3290.8 | 3182.0 | 3169.9 | 3156.8 | 3214.2 | 3272.6 | 3365.3 | 3458.9 | 3496.2 | 3534.5 | 3496.2 |
| 50° | 3055.1 | 2965.5 | 2980.6 | 2995.7 | 3059.2 | 3121.6 | 3194.1 | 3267.6 | 3337.1 | 3405.6 | 3398.5 |
| 52.5° | 2868.8 | 2801.4 | 2848.7 | 2895.0 | 2952.4 | 3010.8 | 3086.4 | 3161.9 | 3234.4 | 3307.9 | 3319.0 |
| 55° | 2732.9 | 2658.4 | 2724.8 | 2791.3 | 2860.8 | 2930.3 | 3000.8 | 3071.2 | 3139.7 | 3207.2 | 3222.3 |
| 57.5° | 2629.2 | 2525.5 | 2591.9 | 2658.4 | 2733.9 | 2809.4 | 2879.9 | 2950.4 | 3030.0 | 3109.5 | 3121.6 |
| 60° | 2542.6 | 2411.7 | 2456.0 | 2499.3 | 2576.8 | 2653.4 | 2726.9 | 2799.4 | 2879.9 | 2960.5 | 2976.6 |
| 62.5° | 2428.8 | 2257.6 | 2263.7 | 2267.7 | 2355.3 | 2441.9 | 2502.3 | 2562.7 | 2639.3 | 2716.8 | 2740.0 |
| 65° | *2277.8* | *2094.5* | *2074.3* | *2054.2* | *2136.8* | *2220.4* | *2267.7* | *2316.0* | *2382.5* | *2448.9* | *2472.1* |
| 67.5° | 2088.4 | 1925.3 | 1884.0 | 1842.7 | 1919.3 | 1995.8 | 2035.1 | 2074.3 | 2119.7 | 2165.0 | 2191.2 |
| 70° | 1818.6 | 1721.9 | 1695.7 | 1669.5 | 1732.0 | 1794.4 | 1828.7 | 1862.9 | 1899.1 | 1935.4 | 1949.5 |
| 72.5° | 1546.7 | 1525.6 | 1506.4 | 1488.3 | 1535.6 | 1583.0 | 1612.2 | 1641.4 | 1675.6 | 1709.8 | 1717.9 |
| 75° | 1295.0 | 1283.9 | 1269.8 | 1256.7 | 1292.9 | 1329.2 | 1351.3 | 1374.5 | 1409.8 | 1445.0 | 1460.1 |
| 77.5° | 1036.2 | 1009.0 | 994.9 | 978.8 | 1012.0 | 1045.2 | 1066.4 | 1087.5 | 1116.7 | 1145.9 | 1150.0 |
| 80° | 773.3 | 740.1 | 729.0 | 717.0 | 741.1 | 765.3 | 773.3 | 780.4 | 804.6 | 827.7 | 827.7 |
| 82.5° | 488.4 | 488.4 | 481.3 | 473.3 | 468.2 | 463.2 | 453.1 | 443.1 | 467.2 | 491.4 | 499.5 |
| 85° | 245.7 | 246.7 | 235.6 | 223.5 | 209.4 | 193.3 | 190.3 | 186.3 | 185.3 | 183.3 | 190.3 |
| 87.5° | 76.5 | 82.6 | 88.6 | 92.6 | 98.7 | 102.7 | 99.7 | 95.7 | 91.6 | 88.6 | 80.6 |
| 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):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 |
| 2.5° | 6051.9 | 6041.8 | 6031.7 | 6023.7 | 6016.6 | 6011.6 | 6016.6 | 6023.7 | 6031.7 | 6041.8 | 6051.9 |
| 5° | 5684.3 | 5668.2 | 5651.1 | 5640.0 | 5628.9 | 5618.9 | 5628.9 | 5640.0 | 5651.1 | 5668.2 | 5684.3 |
| 7.5° | 5457.8 | 5431.6 | 5405.4 | 5386.3 | 5367.1 | 5357.1 | 5367.1 | 5386.3 | 5405.4 | 5431.6 | 5457.8 |
| 10° | 5334.9 | 5297.6 | 5261.4 | 5241.3 | 5221.1 | 5206.0 | 5221.1 | 5241.3 | 5261.4 | 5297.6 | 5334.9 |
| 12.5° | 5345.0 | 5298.7 | 5254.3 | 5224.1 | 5193.9 | 5175.8 | 5193.9 | 5224.1 | 5254.3 | 5298.7 | 5345.0 |
| 15° | 5500.0 | 5435.6 | 5369.1 | 5331.9 | 5294.6 | 5266.4 | 5294.6 | 5331.9 | 5369.1 | 5435.6 | 5500.0 |
| 17.5° | 5699.4 | 5604.8 | 5510.1 | 5476.9 | 5442.7 | 5427.5 | 5442.7 | 5476.9 | 5510.1 | 5604.8 | 5699.4 |
| 20° | 5848.5 | 5721.6 | 5596.7 | 5546.4 | 5496.0 | 5477.9 | 5496.0 | 5546.4 | 5596.7 | 5721.6 | 5848.5 |
| 22.5° | 5882.7 | 5733.7 | 5583.6 | 5536.3 | 5488.0 | 5467.8 | 5488.0 | 5536.3 | 5583.6 | 5733.7 | 5882.7 |
| 25° | 5795.1 | 5638.0 | 5479.9 | 5431.6 | 5382.2 | 5367.1 | 5382.2 | 5431.6 | 5479.9 | 5638.0 | 5795.1 |
| 27.5° | 5580.6 | 5441.6 | 5301.7 | 5250.3 | 5198.0 | 5165.7 | 5198.0 | 5250.3 | 5301.7 | 5441.6 | 5580.6 |
| 30° | 5231.2 | 5127.5 | 5024.8 | 4992.5 | 4959.3 | 4944.2 | 4959.3 | 4992.5 | 5024.8 | 5127.5 | 5231.2 |
| 32.5° | 4843.5 | 4779.1 | 4714.6 | 4693.5 | 4672.3 | 4662.3 | 4672.3 | 4693.5 | 4714.6 | 4779.1 | 4843.5 |
| 35° | 4491.1 | 4444.7 | 4398.4 | 4381.3 | 4365.2 | 4350.1 | 4365.2 | 4381.3 | 4398.4 | 4444.7 | 4491.1 |
| 37.5° | 4231.3 | 4176.9 | 4120.5 | 4090.3 | 4060.1 | 4037.9 | 4060.1 | 4090.3 | 4120.5 | 4176.9 | 4231.3 |
| 40° | 4007.7 | 3929.2 | 3851.6 | 3810.4 | 3768.1 | 3745.9 | 3768.1 | 3810.4 | 3851.6 | 3929.2 | 4007.7 |
| 42.5° | 3791.2 | 3700.6 | 3610.0 | 3546.5 | 3484.1 | 3443.8 | 3484.1 | 3546.5 | 3610.0 | 3700.6 | 3791.2 |
| 45° | 3596.9 | 3495.2 | 3393.5 | 3318.0 | 3242.4 | 3192.1 | 3242.4 | 3318.0 | 3393.5 | 3495.2 | 3596.9 |
| 47.5° | 3458.9 | 3371.3 | 3282.7 | 3216.2 | 3149.8 | 3101.5 | 3149.8 | 3216.2 | 3282.7 | 3371.3 | 3458.9 |
| 50° | 3391.5 | 3322.0 | 3252.5 | 3190.1 | 3126.6 | 3081.3 | 3126.6 | 3190.1 | 3252.5 | 3322.0 | 3391.5 |
| 52.5° | 3331.0 | 3280.7 | 3230.3 | 3176.0 | 3121.6 | 3081.3 | 3121.6 | 3176.0 | 3230.3 | 3280.7 | 3331.0 |
| 55° | 3237.4 | 3201.1 | 3163.9 | 3123.6 | 3083.3 | 3051.1 | 3083.3 | 3123.6 | 3163.9 | 3201.1 | 3237.4 |
| 57.5° | 3133.7 | 3095.4 | 3056.1 | 3025.9 | 2995.7 | 2980.6 | 2995.7 | 3025.9 | 3056.1 | 3095.4 | 3133.7 |
| 60° | 2992.7 | 2962.5 | 2932.3 | 2904.1 | 2874.9 | 2849.7 | 2874.9 | 2904.1 | 2932.3 | 2962.5 | 2992.7 |
| 62.5° | 2764.1 | 2750.0 | 2736.9 | 2704.7 | 2673.5 | 2638.3 | 2673.5 | 2704.7 | 2736.9 | 2750.0 | 2764.1 |
| 65° | *2495.3* | *2488.2* | *2482.2* | *2459.0* | *2436.9* | *2396.6* | *2436.9* | *2459.0* | *2482.2* | *2488.2* | *2495.3* |
| 67.5° | 2217.3 | 2204.2 | 2190.2 | 2166.0 | 2142.8 | 2134.8 | 2142.8 | 2166.0 | 2190.2 | 2204.2 | 2217.3 |
| 70° | 1963.6 | 1943.4 | 1923.3 | 1868.9 | 1814.6 | 1752.1 | 1814.6 | 1868.9 | 1923.3 | 1943.4 | 1963.6 |
| 72.5° | 1726.9 | 1695.7 | 1663.5 | 1600.1 | 1535.6 | 1470.2 | 1535.6 | 1600.1 | 1663.5 | 1695.7 | 1726.9 |
| 75° | 1475.2 | 1430.9 | 1387.6 | 1320.1 | 1253.7 | 1208.4 | 1253.7 | 1320.1 | 1387.6 | 1430.9 | 1475.2 |
| 77.5° | 1156.0 | 1117.7 | 1079.5 | 1039.2 | 998.9 | 976.8 | 998.9 | 1039.2 | 1079.5 | 1117.7 | 1156.0 |
| 80° | 827.7 | 799.5 | 770.3 | 750.2 | 730.1 | 714.9 | 730.1 | 750.2 | 770.3 | 799.5 | 827.7 |
| 82.5° | 508.5 | 495.4 | 483.3 | 461.2 | 438.0 | 422.9 | 438.0 | 461.2 | 483.3 | 495.4 | 508.5 |
| 85° | 196.4 | 193.3 | 191.3 | 183.3 | 176.2 | 171.2 | 176.2 | 183.3 | 191.3 | 193.3 | 196.4 |
| 87.5° | 72.5 | 66.5 | 60.4 | 56.4 | 52.4 | 50.3 | 52.4 | 56.4 | 60.4 | 66.5 | 72.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1364213
CATALOG NUMBER: GSS-SB6C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 |
| 2.5° | 6073.0 | 6094.2 | 6126.4 | 6157.6 | 6201.9 | 6245.2 | 6282.5 | 6318.7 | 6360.0 | 6402.3 | 6455.7 |
| 5° | 5723.6 | 5761.9 | 5809.2 | 5855.5 | 5914.9 | 5973.3 | 6039.8 | 6104.2 | 6182.8 | 6261.3 | 6356.0 |
| 7.5° | 5502.1 | 5546.4 | 5614.8 | 5684.3 | 5757.8 | 5830.3 | 5916.9 | 6003.5 | 6106.2 | 6207.9 | 6324.8 |
| 10° | 5399.4 | 5465.8 | 5542.3 | 5618.9 | 5714.5 | 5810.2 | 5901.8 | 5993.5 | 6098.2 | 6202.9 | 6325.8 |
| 12.5° | 5426.5 | 5508.1 | 5610.8 | 5714.5 | 5829.3 | 5943.1 | 6027.7 | 6112.3 | 6184.8 | 6258.3 | 6360.0 |
| 15° | 5617.9 | 5734.7 | 5878.7 | 6021.7 | 6127.4 | 6233.1 | 6262.3 | 6291.5 | 6297.6 | 6303.6 | 6370.1 |
| 17.5° | 5872.6 | 6046.8 | 6248.2 | 6449.6 | 6524.1 | 6597.6 | 6540.2 | 6482.8 | 6383.2 | 6283.5 | 6292.5 |
| 20° | 6077.0 | 6305.6 | 6569.4 | 6832.3 | 6839.3 | 6847.4 | 6692.3 | 6537.2 | 6342.9 | 6147.5 | 6091.1 |
| 22.5° | 6164.6 | 6446.6 | 6705.4 | 6963.2 | 6906.8 | 6849.4 | 6625.8 | 6402.3 | 6147.5 | 5892.8 | 5809.2 |
| 25° | 6068.0 | 6341.9 | 6554.3 | 6766.8 | 6660.1 | 6553.3 | 6312.7 | 6072.0 | 5836.4 | 5600.7 | 5509.1 |
| 27.5° | 5802.1 | 6023.7 | 6153.6 | 6283.5 | 6163.6 | 6043.8 | 5850.5 | 5657.1 | 5481.9 | 5306.7 | 5218.1 |
| 30° | 5389.3 | 5548.4 | 5634.0 | 5719.6 | 5623.9 | 5528.2 | 5397.3 | 5266.4 | 5139.6 | 5012.7 | 4944.2 |
| 32.5° | 4948.2 | 5053.0 | 5119.4 | 5185.9 | 5133.5 | 5080.1 | 4983.5 | 4885.8 | 4803.2 | 4720.7 | 4691.5 |
| 35° | 4583.7 | 4677.4 | 4732.7 | 4788.1 | 4747.8 | 4707.6 | 4628.0 | 4549.5 | 4495.1 | 4440.7 | 4464.9 |
| 37.5° | 4310.8 | 4390.4 | 4430.6 | 4470.9 | 4412.5 | 4355.1 | 4288.7 | 4221.2 | 4197.0 | 4170.9 | 4237.3 |
| 40° | 4083.2 | 4158.8 | 4166.8 | 4173.9 | 4102.4 | 4029.9 | 3966.4 | 3902.0 | 3905.0 | 3907.0 | 4003.7 |
| 42.5° | 3854.7 | 3917.1 | 3902.0 | 3886.9 | 3810.4 | 3733.8 | 3670.4 | 3607.0 | 3620.0 | 3633.1 | 3756.0 |
| 45° | 3654.3 | 3710.7 | 3675.4 | 3640.2 | 3555.6 | 3472.0 | 3415.6 | 3361.3 | 3381.4 | 3401.5 | 3526.4 |
| 47.5° | 3496.2 | 3534.5 | 3496.2 | 3458.9 | 3365.3 | 3272.6 | 3214.2 | 3156.8 | 3169.9 | 3182.0 | 3290.8 |
| 50° | 3398.5 | 3405.6 | 3337.1 | 3267.6 | 3194.1 | 3121.6 | 3059.2 | 2995.7 | 2980.6 | 2965.5 | 3055.1 |
| 52.5° | 3319.0 | 3307.9 | 3234.4 | 3161.9 | 3086.4 | 3010.8 | 2952.4 | 2895.0 | 2848.7 | 2801.4 | 2868.8 |
| 55° | 3222.3 | 3207.2 | 3139.7 | 3071.2 | 3000.8 | 2930.3 | 2860.8 | 2791.3 | 2724.8 | 2658.4 | 2732.9 |
| 57.5° | 3121.6 | 3109.5 | 3030.0 | 2950.4 | 2879.9 | 2809.4 | 2733.9 | 2658.4 | 2591.9 | 2525.5 | 2629.2 |
| 60° | 2976.6 | 2960.5 | 2879.9 | 2799.4 | 2726.9 | 2653.4 | 2576.8 | 2499.3 | 2456.0 | 2411.7 | 2542.6 |
| 62.5° | 2740.0 | 2716.8 | 2639.3 | 2562.7 | 2502.3 | 2441.9 | 2355.3 | 2267.7 | 2263.7 | 2257.6 | 2428.8 |
| 65° | *2472.1* | *2448.9* | *2382.5* | *2316.0* | *2267.7* | *2220.4* | *2136.8* | *2054.2* | *2074.3* | *2094.5* | *2277.8* |
| 67.5° | 2191.2 | 2165.0 | 2119.7 | 2074.3 | 2035.1 | 1995.8 | 1919.3 | 1842.7 | 1884.0 | 1925.3 | 2088.4 |
| 70° | 1949.5 | 1935.4 | 1899.1 | 1862.9 | 1828.7 | 1794.4 | 1732.0 | 1669.5 | 1695.7 | 1721.9 | 1818.6 |
| 72.5° | 1717.9 | 1709.8 | 1675.6 | 1641.4 | 1612.2 | 1583.0 | 1535.6 | 1488.3 | 1506.4 | 1525.6 | 1546.7 |
| 75° | 1460.1 | 1445.0 | 1409.8 | 1374.5 | 1351.3 | 1329.2 | 1292.9 | 1256.7 | 1269.8 | 1283.9 | 1295.0 |
| 77.5° | 1150.0 | 1145.9 | 1116.7 | 1087.5 | 1066.4 | 1045.2 | 1012.0 | 978.8 | 994.9 | 1009.0 | 1036.2 |
| 80° | 827.7 | 827.7 | 804.6 | 780.4 | 773.3 | 765.3 | 741.1 | 717.0 | 729.0 | 740.1 | 773.3 |
| 82.5° | 499.5 | 491.4 | 467.2 | 443.1 | 453.1 | 463.2 | 468.2 | 473.3 | 481.3 | 488.4 | 488.4 |
| 85° | 190.3 | 183.3 | 185.3 | 186.3 | 190.3 | 193.3 | 209.4 | 223.5 | 235.6 | 246.7 | 245.7 |
| 87.5° | 80.6 | 88.6 | 91.6 | 95.7 | 99.7 | 102.7 | 98.7 | 92.6 | 88.6 | 82.6 | 76.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

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**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 |
| 2.5° | 6510.0 | 6560.4 | 6617.8 | 6675.2 | 6731.6 | 6791.0 | 6849.4 | 6907.8 | 6966.2 | 7029.6 | 7094.1 |
| 5° | 6452.6 | 6550.3 | 6664.1 | 6772.9 | 6882.6 | 6998.4 | 7114.2 | 7232.0 | 7350.9 | 7463.6 | 7577.4 |
| 7.5° | 6442.6 | 6560.4 | 6711.4 | 6856.4 | 7000.4 | 7161.5 | 7322.7 | 7502.9 | 7683.1 | 7874.5 | 8065.8 |
| 10° | 6449.6 | 6575.5 | 6736.6 | 6902.8 | 7068.9 | 7268.3 | 7466.7 | 7691.2 | 7914.8 | 8144.3 | 8372.9 |
| 12.5° | 6462.7 | 6585.6 | 6761.8 | 6944.0 | 7127.3 | 7349.8 | 7572.4 | 7823.1 | 8073.9 | 8301.4 | 8529.0 |
| 15° | 6436.5 | 6545.3 | 6741.6 | 6948.1 | 7154.5 | 7395.2 | 7634.8 | 7889.6 | 8144.3 | 8373.9 | 8604.5 |
| 17.5° | 6301.6 | 6394.2 | 6623.8 | 6863.5 | 7104.1 | 7377.0 | 7650.9 | 7922.8 | 8194.7 | 8409.2 | 8624.7 |
| 20° | 6033.7 | 6092.1 | 6396.2 | 6712.4 | 7028.6 | 7349.8 | 7671.1 | 7963.1 | 8255.1 | 8472.6 | 8690.1 |
| 22.5° | 5724.6 | 5780.0 | 6142.5 | 6539.2 | 6936.0 | 7328.7 | 7721.4 | 8041.6 | 8362.9 | 8561.2 | 8760.6 |
| 25° | 5417.5 | 5422.5 | 5838.4 | 6332.8 | 6827.2 | 7326.7 | 7826.1 | 8176.6 | 8527.0 | 8699.2 | 8871.4 |
| 27.5° | 5130.5 | 5105.3 | 5530.3 | 6121.3 | 6711.4 | 7345.8 | 7980.2 | 8373.9 | 8768.7 | 8900.6 | 9032.5 |
| 30° | 4875.7 | 4848.5 | 5261.4 | 5937.1 | 6613.8 | 7387.1 | 8161.5 | 8607.5 | 9052.6 | 9155.3 | 9259.1 |
| 32.5° | 4662.3 | 4662.3 | 5042.9 | 5776.0 | 6510.0 | 7433.4 | 8357.8 | 8882.4 | 9407.1 | 9471.5 | 9536.0 |
| 35° | 4489.1 | 4551.5 | 4845.5 | 5592.7 | 6338.9 | 7422.3 | 8506.8 | 9174.5 | 9843.1 | 9923.6 | 10004.2 |
| 37.5° | 4301.8 | 4420.6 | 4652.2 | 5389.3 | 6127.4 | 7391.1 | 8654.9 | 9530.9 | 10407.0 | 10502.7 | 10598.3 |
| 40° | 4100.4 | 4249.4 | 4432.7 | 5146.6 | 5860.5 | 7320.6 | 8780.7 | 9938.8 | 11096.8 | 11286.1 | 11474.4 |
| 42.5° | 3878.8 | 4063.1 | 4191.0 | 4857.6 | 5523.2 | 7198.8 | 8873.4 | 10389.9 | 11904.4 | 12304.1 | 12702.9 |
| 45° | 3653.3 | 3836.5 | 3952.3 | 4563.6 | 5175.8 | 7115.2 | 9054.6 | 11002.1 | 12949.6 | 13589.0 | 14228.4 |
| 47.5° | 3398.5 | 3569.7 | 3703.6 | 4271.5 | 4841.5 | 7017.5 | 9193.6 | 11631.5 | 14069.3 | 14878.9 | 15688.5 |
| 50° | 3143.7 | 3312.9 | 3496.2 | 4011.8 | 4526.3 | 6851.4 | 9175.5 | 12180.3 | 15185.0 | 16282.6 | 17380.2 |
| 52.5° | 2935.3 | 3116.6 | 3351.2 | 3778.1 | 4207.1 | 6511.0 | 8816.0 | 12440.1 | 16063.1 | 17807.2 | 19550.2 |
| 55° | 2807.4 | 3020.9 | 3254.5 | 3582.8 | 3909.0 | 6059.9 | 8208.8 | 12371.6 | 16534.4 | 19338.8 | 22143.2 |
| 57.5° | 2733.9 | 2995.7 | 3192.1 | 3417.6 | 3643.2 | 5587.7 | 7532.1 | 11998.0 | 16463.9 | 20624.7 | 24786.5 |
| 60° | 2673.5 | 2935.3 | 3089.4 | 3247.5 | 3405.6 | 4990.5 | 6575.5 | 11102.8 | 15630.1 | 21200.7 | 26770.2 |
| 62.5° | 2600.0 | 2849.7 | 2915.2 | 3002.8 | 3091.4 | 4233.3 | 5375.2 | 9635.7 | 13896.1 | 19922.8 | 25949.5 |
| 65° | *2462.0* | *2668.5* | *2686.6* | *2704.7* | *2723.8* | *3327.0* | *3929.2* | *7558.3* | *11187.4* | *17183.9* | *23180.4* |
| 67.5° | 2250.6 | 2391.5 | 2364.4 | 2311.0 | 2257.6 | 2543.6 | 2829.6 | 5881.7 | 8933.8 | 14758.1 | 20582.4 |
| 70° | 1915.2 | 1983.7 | 1991.8 | 1912.2 | 1832.7 | 1933.4 | 2034.1 | 4507.2 | 6980.3 | 12537.7 | 18095.2 |
| 72.5° | 1568.9 | 1525.6 | 1606.1 | 1545.7 | 1485.3 | 1486.3 | 1488.3 | 3388.4 | 5288.6 | 10411.0 | 15532.4 |
| 75° | 1307.0 | 1278.8 | 1246.6 | 1174.1 | 1102.6 | 1108.7 | 1115.7 | 2511.4 | 3907.0 | 8312.5 | 12718.0 |
| 77.5° | 1062.3 | 1057.3 | 964.7 | 886.1 | 807.6 | 803.6 | 797.5 | 1623.2 | 2448.9 | 5453.7 | 8458.5 |
| 80° | 805.6 | 810.6 | 679.7 | 598.1 | 515.6 | 511.5 | 505.5 | 897.2 | 1288.9 | 3126.6 | 4964.3 |
| 82.5° | 488.4 | 468.2 | 394.7 | 354.5 | 314.2 | 313.2 | 312.2 | 482.3 | 652.5 | 1566.8 | 2482.2 |
| 85° | 243.7 | 231.6 | 191.3 | 165.1 | 139.0 | 131.9 | 125.9 | 153.1 | 181.3 | 372.6 | 563.9 |
| 87.5° | 70.5 | 60.4 | 55.4 | 50.3 | 45.3 | 42.3 | 40.3 | 41.3 | 42.3 | 44.3 | 45.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | *6565.4* | 6565.4 | 6565.4 |
| 2.5° | 7119.2 | 7144.4 | 7171.6 | 7199.8 | 7215.9 | 7232.0 | 7249.1 | 7265.3 | *7280.4* | 7265.3 | 7249.1 |
| 5° | 7691.2 | 7804.0 | 7880.5 | 7957.0 | 8015.4 | 8073.9 | 8107.1 | 8141.3 | *8146.4* | 8141.3 | 8107.1 |
| 7.5° | 8200.7 | 8335.7 | 8452.5 | 8569.3 | 8643.8 | 8718.3 | 8761.6 | 8805.9 | *8821.0* | 8805.9 | 8761.6 |
| 10° | 8531.0 | 8690.1 | 8802.9 | 8916.7 | 8986.2 | 9054.6 | 9088.9 | 9123.1 | *9133.2* | 9123.1 | 9088.9 |
| 12.5° | 8681.1 | 8833.1 | 8920.7 | 9007.3 | 9051.6 | 9094.9 | 9111.0 | 9125.1 | *9113.0* | 9125.1 | 9111.0 |
| 15° | 8694.1 | 8782.8 | 8820.0 | 8856.3 | 8835.1 | 8813.0 | 8781.7 | 8750.5 | *8730.4* | 8750.5 | 8781.7 |
| 17.5° | 8655.9 | 8688.1 | 8620.6 | 8554.2 | 8433.3 | 8312.5 | 8221.9 | 8131.2 | *8065.8* | 8131.2 | 8221.9 |
| 20° | 8639.8 | 8589.4 | 8410.2 | 8231.9 | 8005.4 | 7778.8 | 7626.8 | 7473.7 | *7381.1* | 7473.7 | 7626.8 |
| 22.5° | 8618.6 | 8476.6 | 8175.6 | 7874.5 | 7564.3 | 7255.2 | 7080.0 | 6905.8 | *6807.1* | 6905.8 | 7080.0 |
| 25° | 8627.7 | 8383.0 | 7976.2 | 7570.4 | 7205.8 | 6842.3 | 6652.0 | 6462.7 | *6354.0* | 6462.7 | 6652.0 |
| 27.5° | 8659.9 | 8287.3 | 7783.8 | 7280.4 | 6885.6 | 6489.9 | 6308.6 | 6127.4 | *6031.7* | 6127.4 | 6308.6 |
| 30° | 8764.6 | 8269.2 | 7667.0 | 7063.9 | 6651.0 | 6238.2 | 6060.9 | 5882.7 | *5780.0* | 5882.7 | 6060.9 |
| 32.5° | 8911.6 | 8287.3 | 7612.7 | 6938.0 | 6517.1 | 6097.2 | 5927.0 | 5757.8 | *5669.2* | 5757.8 | 5927.0 |
| 35° | 9213.7 | 8423.3 | 7675.1 | 6927.9 | 6537.2 | 6147.5 | 6022.7 | 5898.8 | *5850.5* | 5898.8 | 6022.7 |
| 37.5° | 9674.9 | 8750.5 | 7980.2 | 7209.9 | 6944.0 | 6678.2 | 6678.2 | 6678.2 | *6716.5* | 6678.2 | 6678.2 |
| 40° | 10437.2 | 9400.0 | 8671.0 | 7942.9 | 7926.8 | 7912.7 | 8081.9 | 8252.1 | *8327.6* | 8252.1 | 8081.9 |
| 42.5° | 11606.3 | 10510.7 | 9922.6 | 9334.6 | 9687.0 | 10039.4 | 10528.8 | 11018.2 | *11338.4* | 11018.2 | 10528.8 |
| 45° | 13161.0 | 12093.7 | 11682.8 | 11273.0 | 12057.4 | 12840.8 | 13705.8 | 14570.8 | *15185.0* | 14570.8 | 13705.8 |
| 47.5° | 14790.3 | 13891.1 | 13656.5 | 13422.9 | 14726.9 | 16030.9 | 17298.7 | 18566.4 | *19313.6* | 18566.4 | 17298.7 |
| 50° | 16572.6 | 15764.1 | 15718.7 | 15673.4 | 17410.4 | 19147.5 | 20783.8 | 22420.1 | *23331.4* | 22420.1 | 20783.8 |
| 52.5° | 18663.1 | 17775.0 | 17811.2 | 17845.4 | 19908.7 | 21972.0 | 23950.7 | 25929.4 | *26956.5* | 25929.4 | 23950.7 |
| 55° | 21030.5 | 19917.8 | 19911.7 | 19905.7 | 22276.1 | 24648.5 | 27079.3 | 29512.2 | *30883.6* | 29512.2 | 27079.3 |
| 57.5° | 23744.3 | 22702.0 | 22454.3 | 22205.6 | 24684.8 | 27162.9 | 29847.5 | 32533.1 | *33975.0* | 32533.1 | 29847.5 |
| 60° | 26196.2 | 25622.2 | 25225.5 | 24829.8 | 27375.4 | 29922.0 | 32695.2 | 35467.4 | *36905.3* | 35467.4 | 32695.2 |
| 62.5° | 26975.6 | 28001.7 | 27972.5 | 27943.3 | 30691.3 | 33439.3 | 36323.3 | 39209.2 | *40500.2* | 39209.2 | 36323.3 |
| 65° | *24816.7* | *26453.0* | *27578.8* | *28703.6* | *32025.5* | *35346.5* | *38351.3* | *41356.1* | *42675.2* | *41356.1* | *38351.3* |
| 67.5° | 22024.4 | 23467.3 | 24388.7 | 25310.1 | 29053.0 | 32796.9 | 36206.5 | 39616.1 | *40973.4* | 39616.1 | 36206.5 |
| 70° | 19692.2 | 21289.3 | 21947.8 | 22606.4 | 25786.4 | 28965.4 | 31663.0 | 34359.7 | *34891.4* | 34359.7 | 31663.0 |
| 72.5° | 17431.6 | 19331.7 | 19610.7 | 19889.6 | 22203.6 | 24517.6 | 25954.5 | 27391.5 | *26231.5* | 27391.5 | 25954.5 |
| 75° | 14860.8 | 17002.6 | 17188.9 | 17375.2 | 18096.2 | 18818.2 | 19183.7 | 19550.2 | *18890.7* | 19550.2 | 19183.7 |
| 77.5° | 10313.3 | 12169.2 | 12587.1 | 13005.0 | 13485.3 | 13966.6 | 13941.4 | 13916.3 | *12989.9* | 13916.3 | 13941.4 |
| 80° | 6415.4 | 7866.4 | 7920.8 | 7975.2 | 8335.7 | 8695.2 | 9062.7 | 9430.2 | *8841.2* | 9430.2 | 9062.7 |
| 82.5° | 3278.7 | 4076.2 | 4199.0 | 4321.9 | 4542.4 | 4762.9 | 4865.7 | 4969.4 | *4470.9* | 4969.4 | 4865.7 |
| 85° | 771.3 | 978.8 | 1179.2 | 1379.5 | 1611.1 | 1842.7 | 1816.6 | 1790.4 | *1510.4* | 1790.4 | 1816.6 |
| 87.5° | 46.3 | 48.3 | 49.3 | 50.3 | 51.4 | 52.4 | 55.4 | 58.4 | *60.4* | 58.4 | 55.4 |
| 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: P1364213
CATALOG NUMBER: GSS-SB6C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 | 6565.4 |
| 2.5° | 7232.0 | 7215.9 | 7199.8 | 7171.6 | 7144.4 | 7119.2 | 7094.1 |
| 5° | 8073.9 | 8015.4 | 7957.0 | 7880.5 | 7804.0 | 7691.2 | 7577.4 |
| 7.5° | 8718.3 | 8643.8 | 8569.3 | 8452.5 | 8335.7 | 8200.7 | 8065.8 |
| 10° | 9054.6 | 8986.2 | 8916.7 | 8802.9 | 8690.1 | 8531.0 | 8372.9 |
| 12.5° | 9094.9 | 9051.6 | 9007.3 | 8920.7 | 8833.1 | 8681.1 | 8529.0 |
| 15° | 8813.0 | 8835.1 | 8856.3 | 8820.0 | 8782.8 | 8694.1 | 8604.5 |
| 17.5° | 8312.5 | 8433.3 | 8554.2 | 8620.6 | 8688.1 | 8655.9 | 8624.7 |
| 20° | 7778.8 | 8005.4 | 8231.9 | 8410.2 | 8589.4 | 8639.8 | 8690.1 |
| 22.5° | 7255.2 | 7564.3 | 7874.5 | 8175.6 | 8476.6 | 8618.6 | 8760.6 |
| 25° | 6842.3 | 7205.8 | 7570.4 | 7976.2 | 8383.0 | 8627.7 | 8871.4 |
| 27.5° | 6489.9 | 6885.6 | 7280.4 | 7783.8 | 8287.3 | 8659.9 | 9032.5 |
| 30° | 6238.2 | 6651.0 | 7063.9 | 7667.0 | 8269.2 | 8764.6 | 9259.1 |
| 32.5° | 6097.2 | 6517.1 | 6938.0 | 7612.7 | 8287.3 | 8911.6 | 9536.0 |
| 35° | 6147.5 | 6537.2 | 6927.9 | 7675.1 | 8423.3 | 9213.7 | 10004.2 |
| 37.5° | 6678.2 | 6944.0 | 7209.9 | 7980.2 | 8750.5 | 9674.9 | 10598.3 |
| 40° | 7912.7 | 7926.8 | 7942.9 | 8671.0 | 9400.0 | 10437.2 | 11474.4 |
| 42.5° | 10039.4 | 9687.0 | 9334.6 | 9922.6 | 10510.7 | 11606.3 | 12702.9 |
| 45° | 12840.8 | 12057.4 | 11273.0 | 11682.8 | 12093.7 | 13161.0 | 14228.4 |
| 47.5° | 16030.9 | 14726.9 | 13422.9 | 13656.5 | 13891.1 | 14790.3 | 15688.5 |
| 50° | 19147.5 | 17410.4 | 15673.4 | 15718.7 | 15764.1 | 16572.6 | 17380.2 |
| 52.5° | 21972.0 | 19908.7 | 17845.4 | 17811.2 | 17775.0 | 18663.1 | 19550.2 |
| 55° | 24648.5 | 22276.1 | 19905.7 | 19911.7 | 19917.8 | 21030.5 | 22143.2 |
| 57.5° | 27162.9 | 24684.8 | 22205.6 | 22454.3 | 22702.0 | 23744.3 | 24786.5 |
| 60° | 29922.0 | 27375.4 | 24829.8 | 25225.5 | 25622.2 | 26196.2 | 26770.2 |
| 62.5° | 33439.3 | 30691.3 | 27943.3 | 27972.5 | 28001.7 | 26975.6 | 25949.5 |
| 65° | *35346.5* | *32025.5* | *28703.6* | *27578.8* | *26453.0* | *24816.7* | *23180.4* |
| 67.5° | 32796.9 | 29053.0 | 25310.1 | 24388.7 | 23467.3 | 22024.4 | 20582.4 |
| 70° | 28965.4 | 25786.4 | 22606.4 | 21947.8 | 21289.3 | 19692.2 | 18095.2 |
| 72.5° | 24517.6 | 22203.6 | 19889.6 | 19610.7 | 19331.7 | 17431.6 | 15532.4 |
| 75° | 18818.2 | 18096.2 | 17375.2 | 17188.9 | 17002.6 | 14860.8 | 12718.0 |
| 77.5° | 13966.6 | 13485.3 | 13005.0 | 12587.1 | 12169.2 | 10313.3 | 8458.5 |
| 80° | 8695.2 | 8335.7 | 7975.2 | 7920.8 | 7866.4 | 6415.4 | 4964.3 |
| 82.5° | 4762.9 | 4542.4 | 4321.9 | 4199.0 | 4076.2 | 3278.7 | 2482.2 |
| 85° | 1842.7 | 1611.1 | 1379.5 | 1179.2 | 978.8 | 771.3 | 563.9 |
| 87.5° | 52.4 | 51.4 | 50.3 | 49.3 | 48.3 | 46.3 | 45.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

# LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

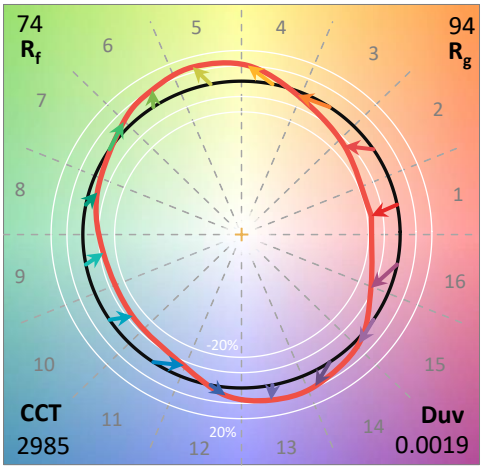
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-4 |
| 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-730-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 2985 |
| CIE u': | 0.2504 |
| CIE v': | 0.5243 |
| Duv: | 0.0019 |
| CIE x: | 0.4408 |
| CIE y: | 0.4101 |
| CIE z: | 0.1491 |
| Peak Wavelength (nm): | 595 |
| Dominant Wavelength (nm): | 582 |
| Purity: | 55.41818 |
| Rf: | 73.8 |
| Rg: | 94.4 |

| | |
|---|---|
| CRI (Ra): | 70.8 |
| R1: | 66.3 |
| R2: | 80.6 |
| R3: | 94.5 |
| R4: | 68.2 |
| R5: | 66.5 |
| R6: | 74.7 |
| R7: | 76.2 |
| R8: | 39.6 |
| R9: | -43.2 |
| R10: | 57.6 |
| R11: | 64.8 |
| R12: | 53.5 |
| R13: | 68.7 |
| R14: | 97.0 |
| R15: | 56.4 |



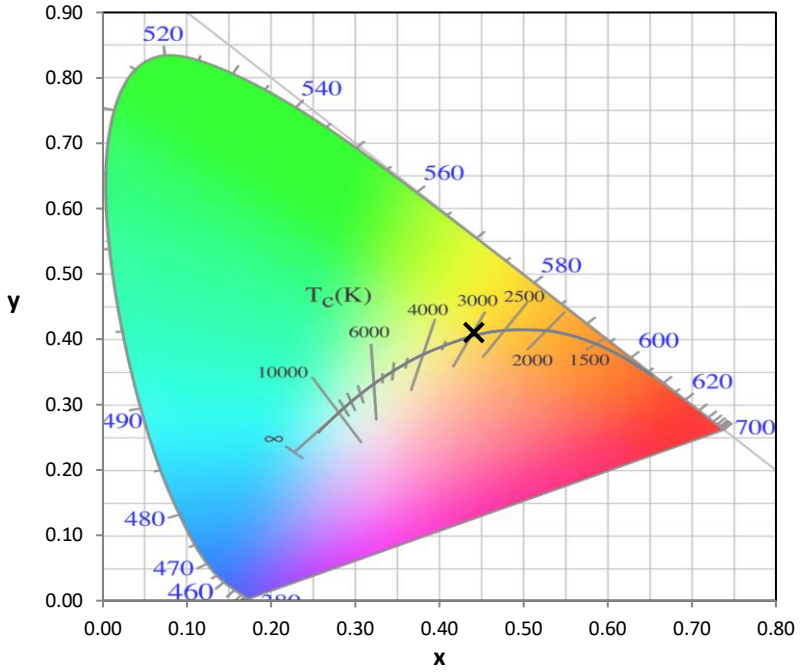

## Test Conditions

| | |
|---|---|
| Stabilization Time: | 36M |
| Operation Time: | 1H 36M |
| Sphere Temperature (°C): | 25.2 |

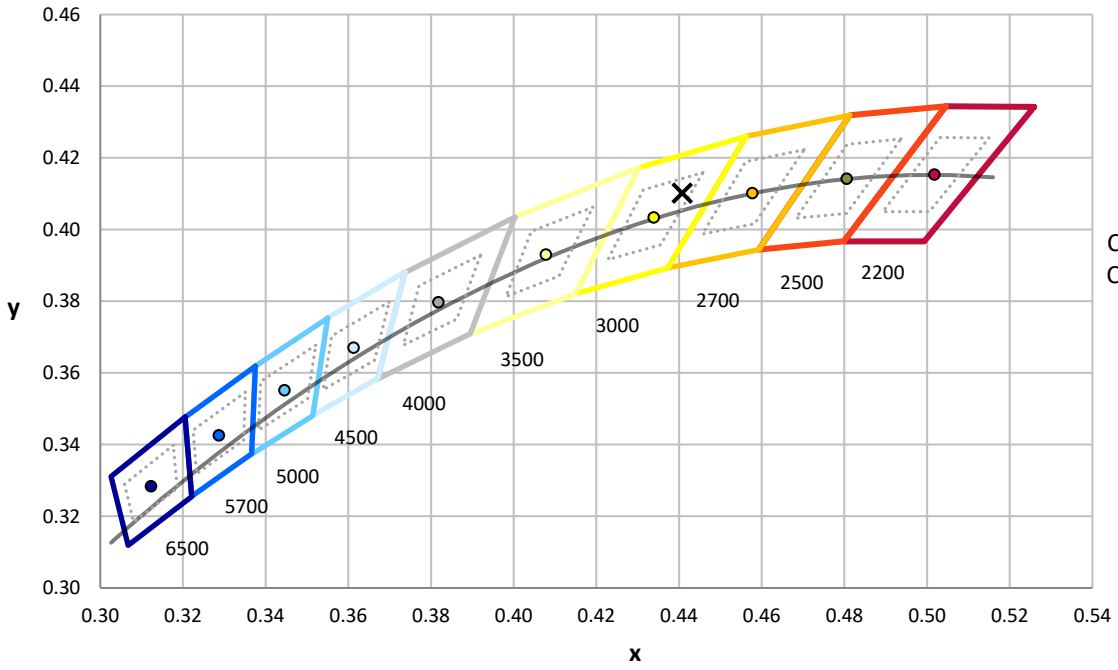
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC Power Source | IN0208 | 10/24/2023 | 10/24/2024 |
| Sphere Thermometer | IN0085 | 10/24/2023 | 10/24/2024 |
| Room Thermometer | IN0046 | 10/24/2023 | 10/24/2024 |

REPORT NUMBER: SP1-2407-184-4

## CIE 1931 Chromaticity Diagram




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

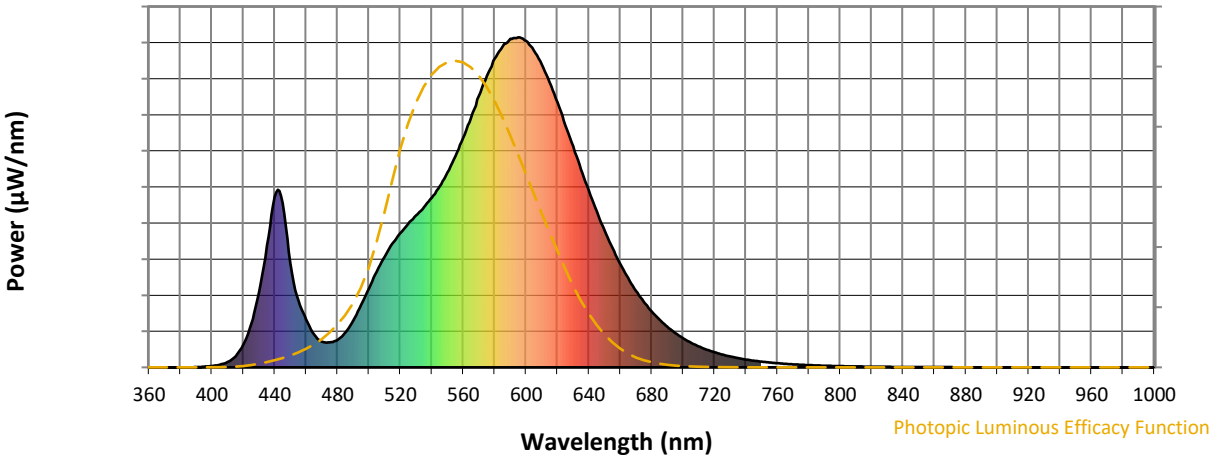



CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

## Photopic Flux vs. Wavelength

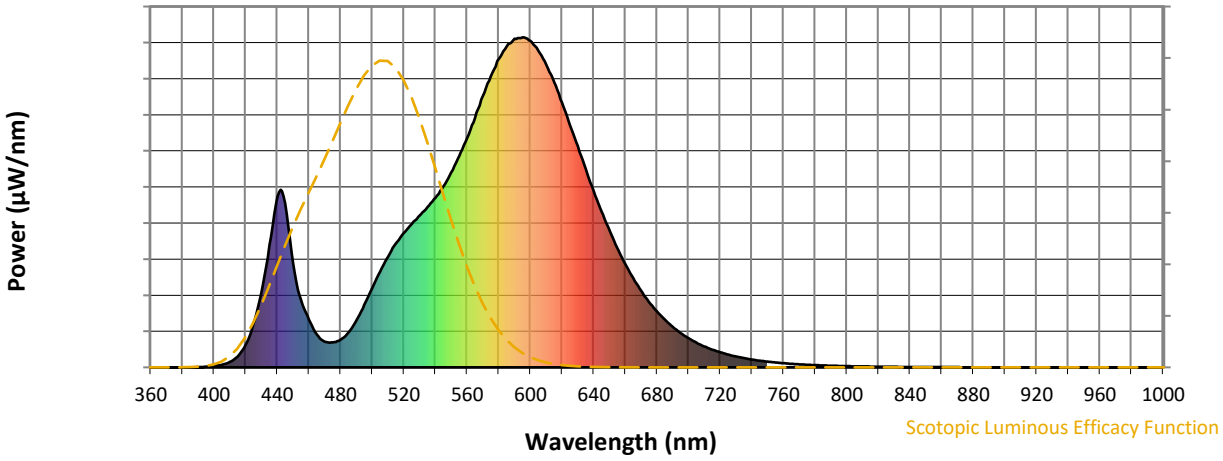



## Photopic Lumens: NR

| 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 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-4

## Scotopic Flux vs. Wavelength

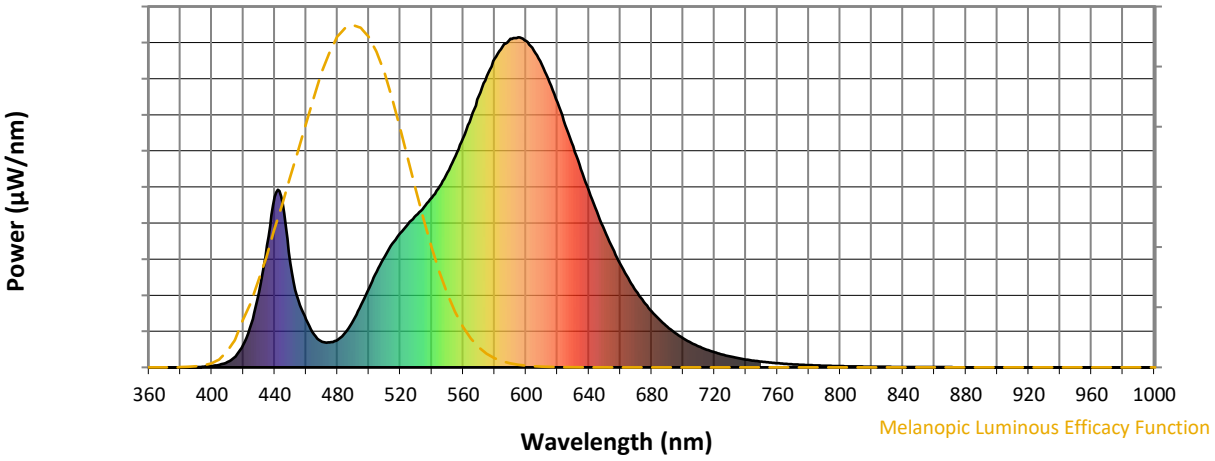



**Scotopic Lumens: NR** **S/P: 1.19**

| 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 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-4

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 2.13**

| 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 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

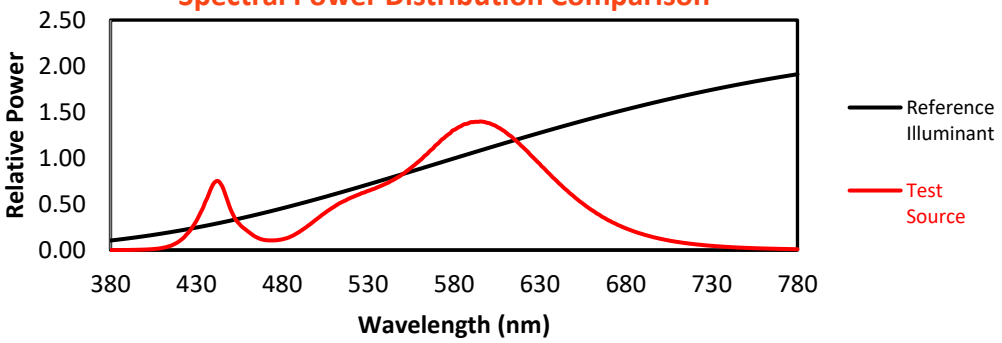
REPORT NUMBER: SP1-2407-184-4

# TM-30-18

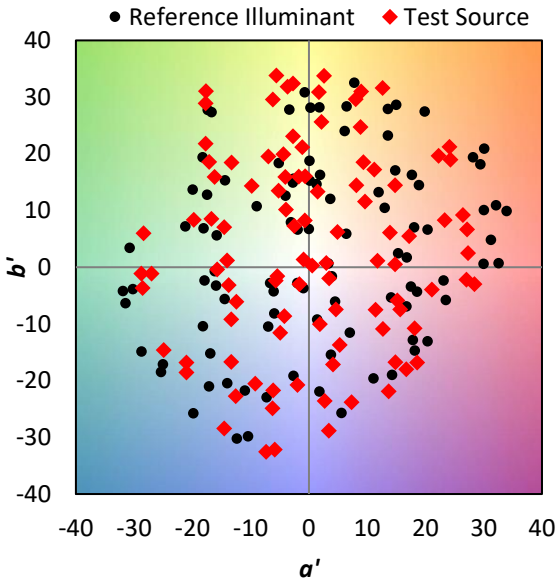
## Summary

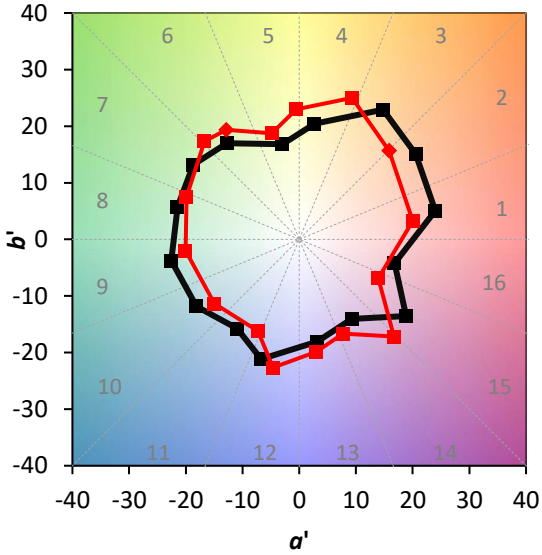
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$R_g$ = 94.4
CIE $R_a$ = 70.8
$R_9$ = -43.2

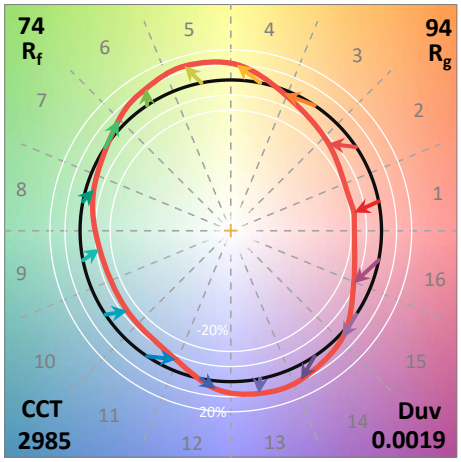
## Spectral Power Distribution Comparison

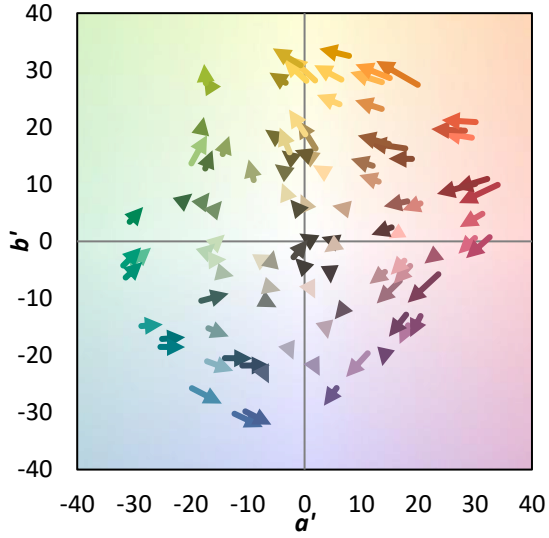



## Color Vector Graphics



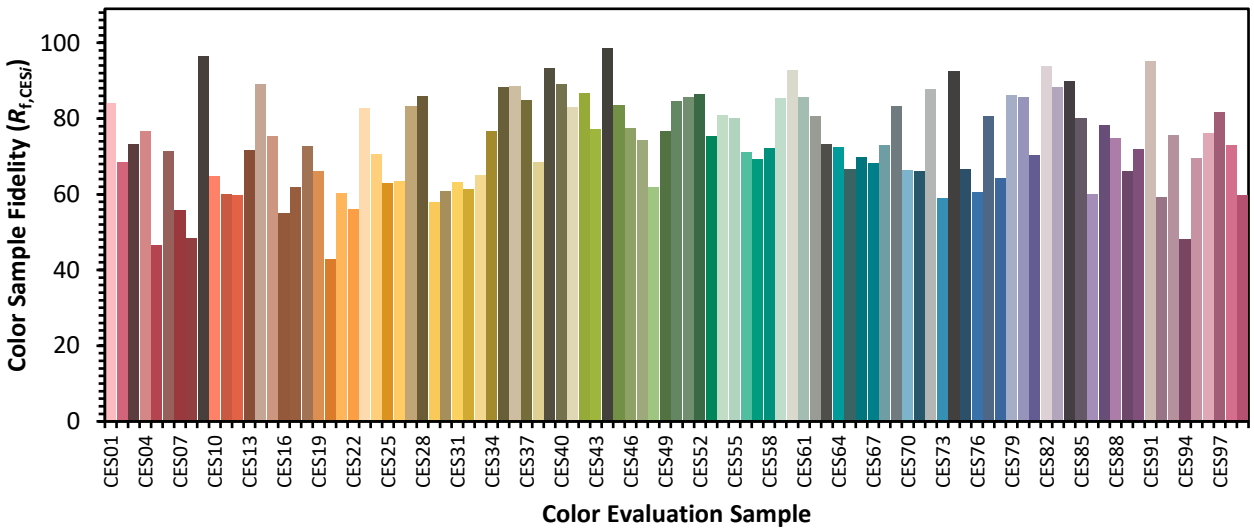



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**Individual Sample Fidelity Index ($R_{f,i}$)**

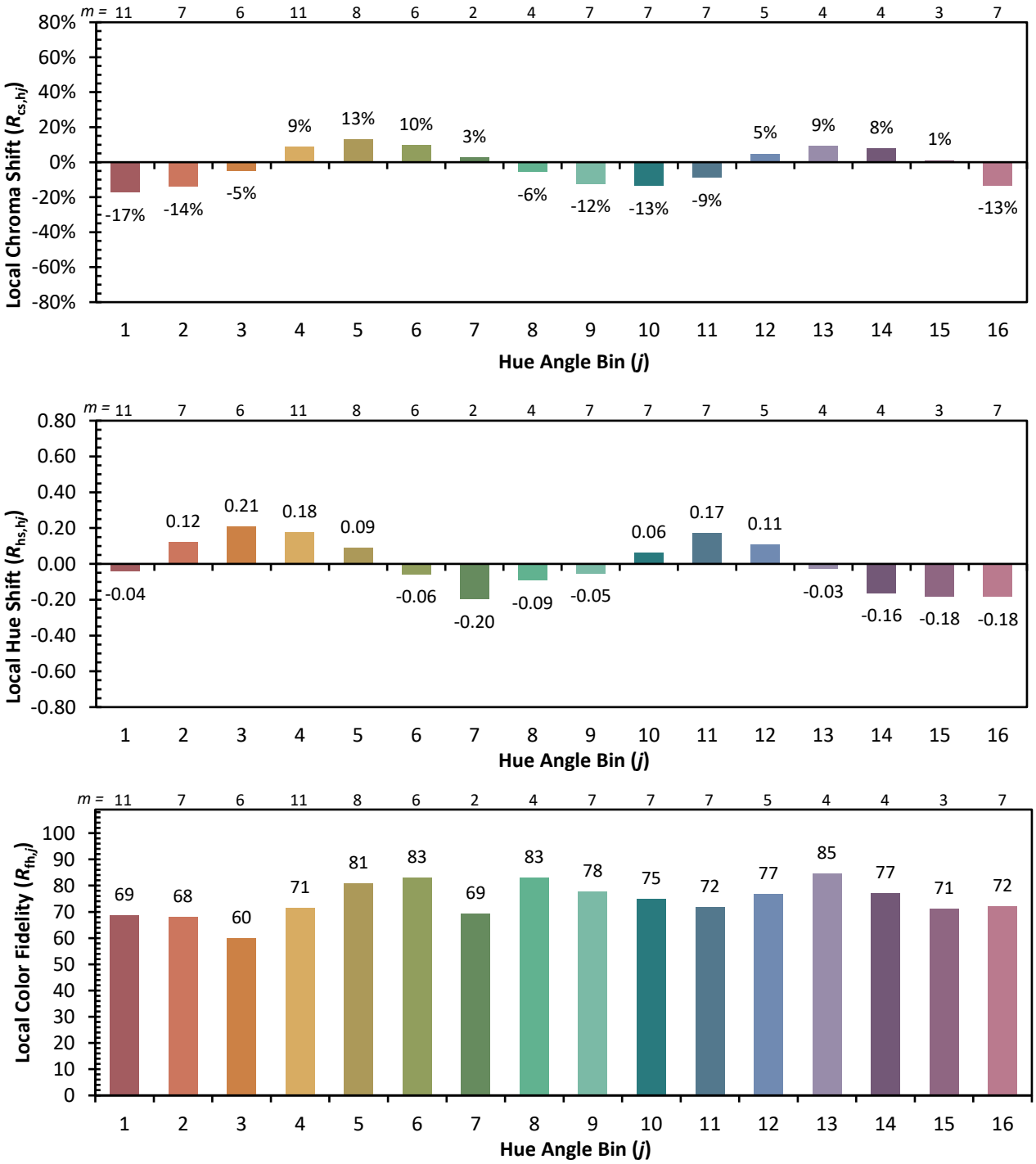
| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 63 | CES51 = 86 | CES76 = 61 |
| CES02 = 62 | CES27 = 83 | CES52 = 86 | CES77 = 81 |
| CES03 = 31 | CES28 = 86 | CES53 = 75 | CES78 = 64 |
| CES04 = 71 | CES29 = 58 | CES54 = 81 | CES79 = 86 |
| CES05 = 49 | CES30 = 61 | CES55 = 80 | CES80 = 86 |
| CES06 = 51 | CES31 = 63 | CES56 = 71 | CES81 = 70 |
| CES07 = 41 | CES32 = 61 | CES57 = 69 | CES82 = 94 |
| CES08 = 40 | CES33 = 65 | CES58 = 72 | CES83 = 88 |
| CES09 = 29 | CES34 = 77 | CES59 = 85 | CES84 = 90 |
| CES10 = 76 | CES35 = 88 | CES60 = 93 | CES85 = 80 |
| CES11 = 59 | CES36 = 89 | CES61 = 86 | CES86 = 60 |
| CES12 = 65 | CES37 = 85 | CES62 = 81 | CES87 = 78 |
| CES13 = 43 | CES38 = 69 | CES63 = 73 | CES88 = 75 |
| CES14 = 74 | CES39 = 93 | CES64 = 72 | CES89 = 66 |
| CES15 = 71 | CES40 = 89 | CES65 = 67 | CES90 = 72 |
| CES16 = 47 | CES41 = 83 | CES66 = 70 | CES91 = 95 |
| CES17 = 50 | CES42 = 87 | CES67 = 68 | CES92 = 59 |
| CES18 = 56 | CES43 = 77 | CES68 = 73 | CES93 = 76 |
| CES19 = 73 | CES44 = 99 | CES69 = 83 | CES94 = 48 |
| CES20 = 66 | CES45 = 83 | CES70 = 66 | CES95 = 70 |
| CES21 = 87 | CES46 = 77 | CES71 = 66 | CES96 = 76 |
| CES22 = 79 | CES47 = 74 | CES72 = 88 | CES97 = 82 |
| CES23 = 92 | CES48 = 62 | CES73 = 59 | CES98 = 73 |
| CES24 = 91 | CES49 = 77 | CES74 = 93 | CES99 = 60 |
| CES25 = 73 | CES50 = 85 | CES75 = 67 | |



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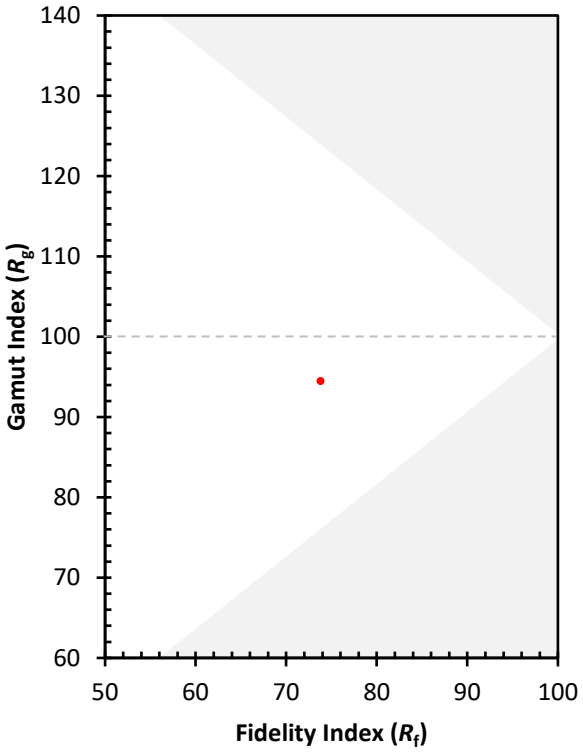
## Color Rendition by Hue-Angle Bin

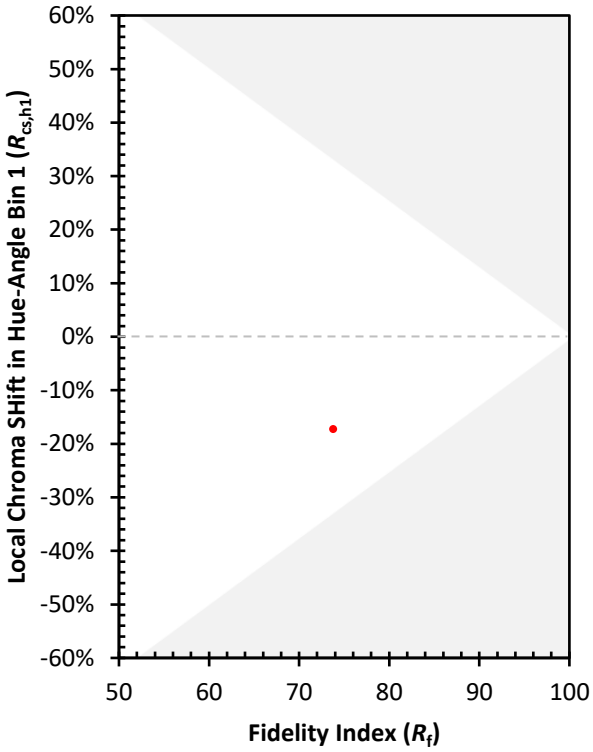


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## Measure Comparisons




(END OF REPORT)