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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1200763

Luminaire Tested: GPC-SB2D-760-U-SLL

Issue Date: 10/30/2025

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

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2024 |
| Report Number: | P1200763 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 3/15/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GPC-SB2D-760-U-SLL |
| Description: | GALLEON PEDESTRIAN LUMINAIRE |
| | (2) 70 CRI, 5700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF |
| | LEFT OPTICS |
| Light Source: | - |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 21449 lumens |
| Efficiency: | N/A |
| Efficacy: | 145.3 lumens/watt |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B3 - U0 - G4 |

| | |
|---|---|
| Input Watts (W): | 147.6 |
| Input Voltage (V): | 120.0 |
| Input Current (Ain): | 1.234 |
| Voltage Rise (V): | NR |
| Power Factor: | 0.999 |
| Total Harmonic Distortion (THDi): | 3.108 |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

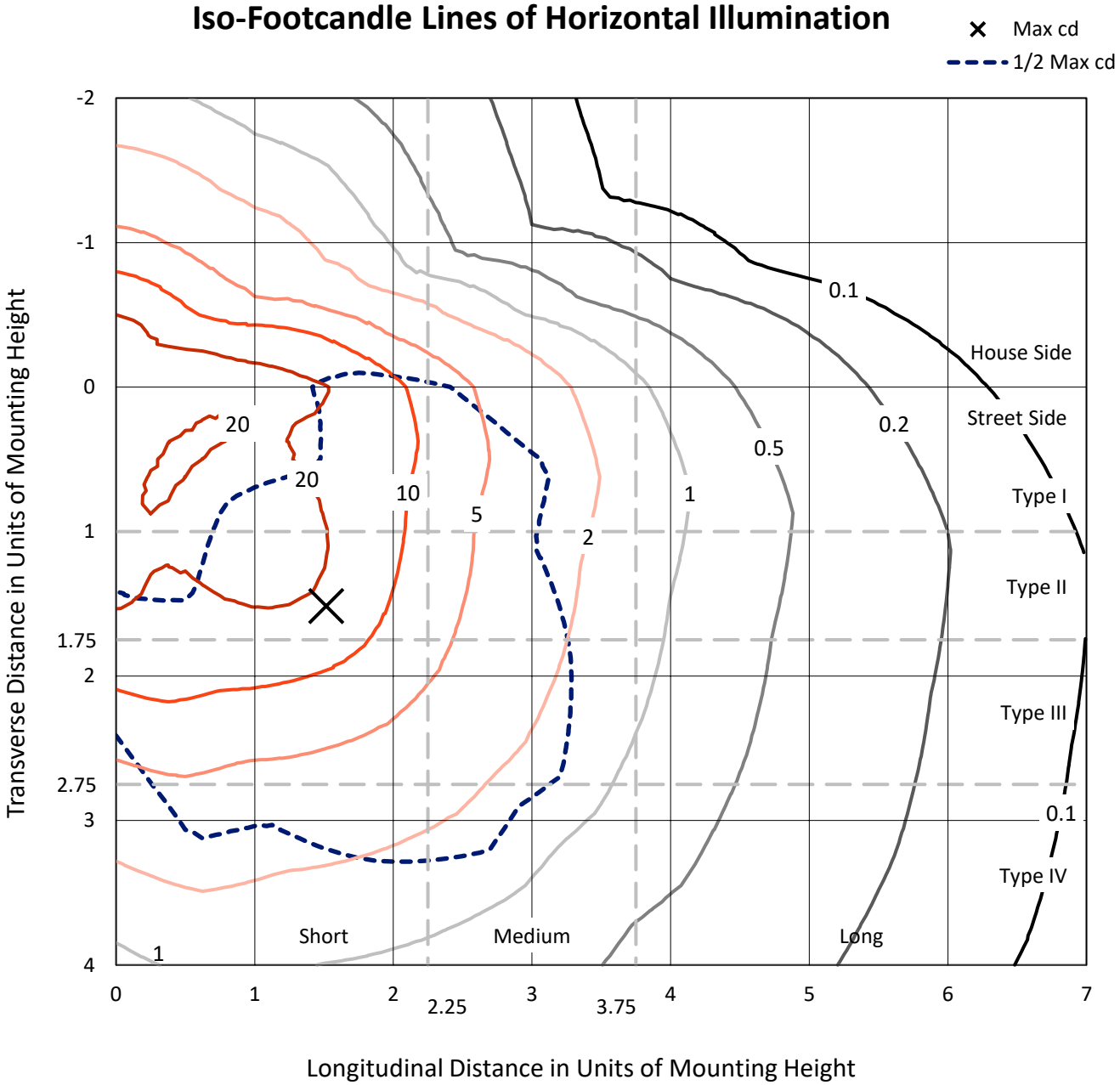


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REPORT NUMBER: P1200763
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## Iso-Footcandle Lines of Horizontal Illumination




Longitudinal Distance in Units of Mounting Height

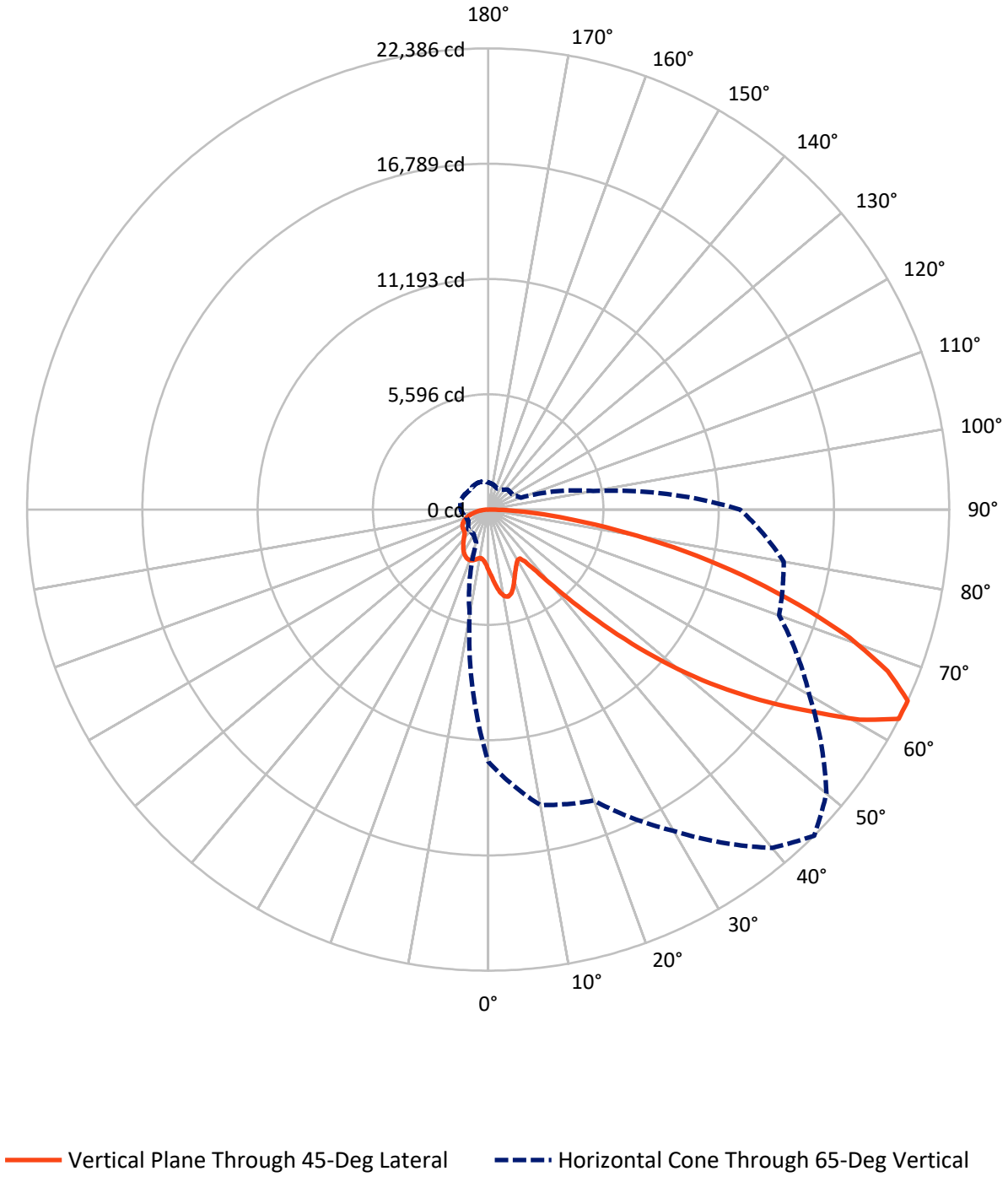
Based on 10 foot mounting height. Maximum calculated value = 40.8 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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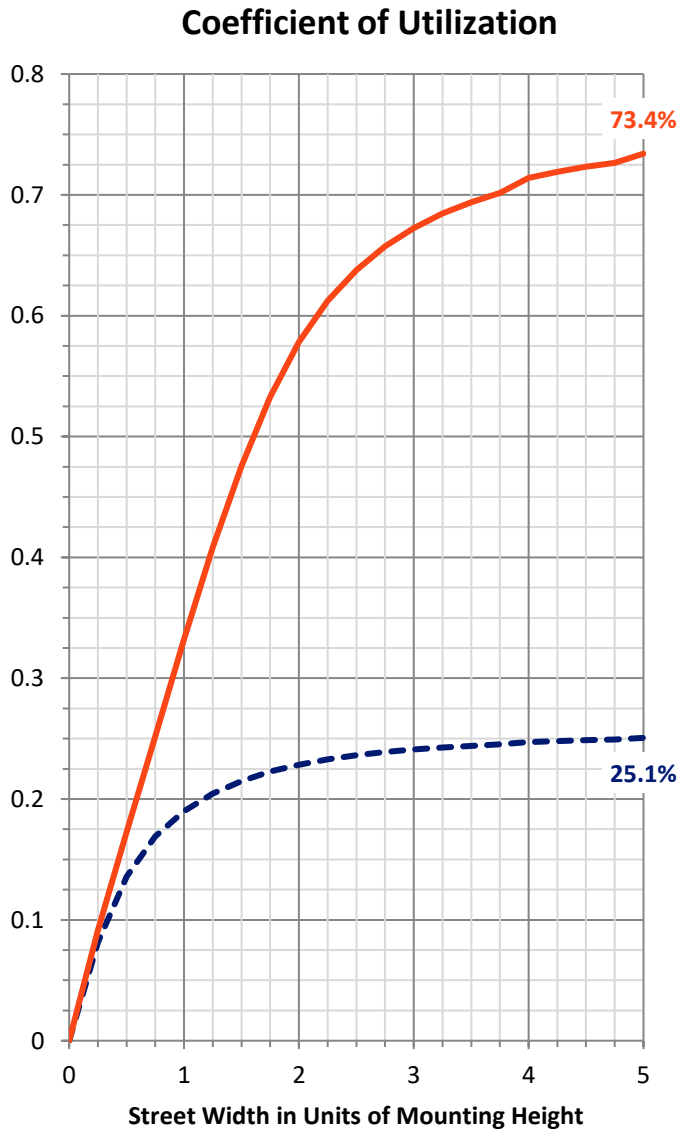
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 5451.3 | 0.0 | 5451.3 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| **Street Side** | Lumens | 15997.7 | 0.0 | 15997.7 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| **Total** | Lumens | 21449.0 | 0.0 | 21449.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 292.6 | 1.4 |
| 10°-20° | 918.5 | 4.3 |
| 20°-30° | 1418.7 | 6.6 |
| 30°-40° | 1797.9 | 8.4 |
| 40°-50° | 2711.6 | 12.6 |
| 50°-60° | 4381.1 | 20.4 |
| 60°-70° | 5461.7 | 25.5 |
| 70°-80° | 3581.5 | 16.7 |
| 80°-90° | 885.4 | 4.1 |
| 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° | 21449.0 | 100.0 |
| 0°-180° | 21449.0 | 100.0 |



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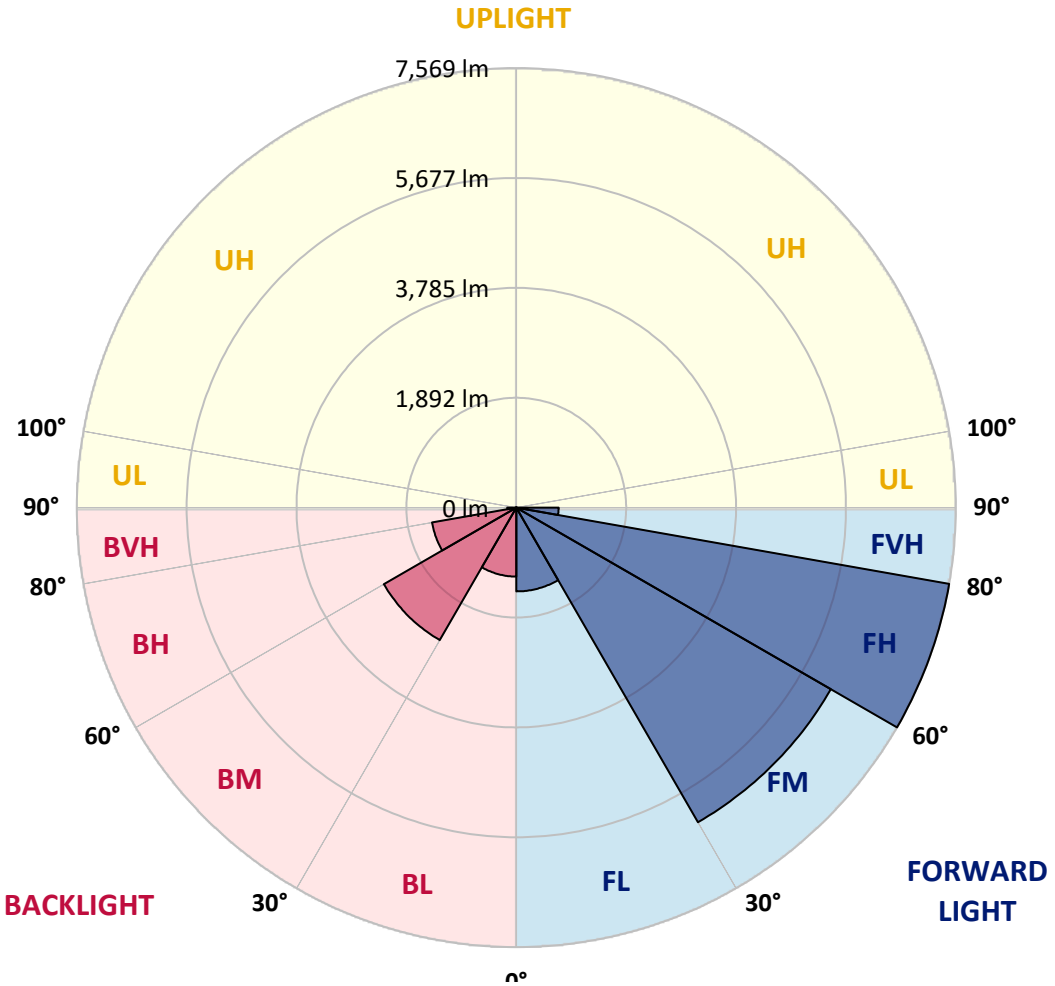
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1442.7 | 6.7 | | | |
| FM | (30°-60°) | 6256.2 | 29.2 | | | |
| FH | (60°-80°) | 7569.4 | 35.3 | | | G4/12000 |
| FVH | (80°-90°) | 729.4 | 3.4 | | | G4/750 |
| BL | (0°-30°) | 1187.1 | 5.5 | B3/2500 | | |
| BM | (30°-60°) | 2634.4 | 12.3 | B3/5000 | | |
| BH | (60°-80°) | 1473.8 | 6.9 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 156.0 | 0.7 | | | G2/225 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

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



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | *2949.4* | 2949.4 |
| 2.5° | 3171.8 | 3183.8 | 3195.9 | 3213.0 | 3230.1 | 3240.3 | 3250.5 | 3255.6 | 3260.7 | *3258.4* | 3260.7 |
| 5° | 3410.6 | 3452.6 | 3494.7 | 3536.4 | 3578.1 | 3600.8 | 3623.4 | 3637.1 | 3650.9 | *3661.3* | 3650.9 |
| 7.5° | 3650.6 | 3718.9 | 3787.2 | 3848.6 | 3910.1 | 3947.1 | 3984.1 | 4004.1 | 4024.0 | *4033.7* | 4024.0 |
| 10° | 3834.5 | 3915.3 | 3996.1 | 4068.2 | 4140.3 | 4184.0 | 4227.4 | 4246.9 | 4266.2 | *4273.6* | 4266.2 |
| 12.5° | 3947.1 | 4034.7 | 4122.2 | 4187.4 | 4252.3 | 4284.0 | 4315.7 | 4326.3 | 4337.0 | *4338.1* | 4337.0 |
| 15° | 4015.6 | 4091.2 | 4166.7 | 4207.5 | 4248.5 | 4249.6 | 4250.7 | 4239.4 | 4228.1 | *4214.8* | 4228.1 |
| 17.5° | 4054.0 | 4105.1 | 4156.1 | 4156.9 | 4157.6 | 4111.8 | 4065.9 | 4023.9 | 3981.8 | *3952.2* | 3981.8 |
| 20° | 4096.5 | 4114.3 | 4132.1 | 4078.4 | 4024.6 | 3923.4 | 3822.3 | 3748.6 | 3674.9 | *3629.6* | 3674.9 |
| 22.5° | 4145.7 | 4122.4 | 4099.1 | 3987.7 | 3876.4 | 3727.5 | 3578.7 | 3486.6 | 3394.4 | *3344.4* | 3394.4 |
| 25° | 4209.1 | 4135.5 | 4062.0 | 3892.9 | 3723.8 | 3543.0 | 3362.3 | 3265.4 | 3168.8 | *3121.5* | 3168.8 |
| 27.5° | 4295.1 | 4163.6 | 4032.0 | 3808.0 | 3584.1 | 3383.8 | 3183.5 | 3088.2 | 2993.0 | *2948.3* | 2993.0 |
| 30° | 4411.1 | 4215.0 | 4019.0 | 3743.3 | 3467.6 | 3258.9 | 3050.2 | 2961.8 | 2873.4 | *2831.7* | 2873.4 |
| 32.5° | 4548.1 | 4279.5 | 4011.0 | 3699.1 | 3387.2 | 3191.1 | 2994.9 | 2925.5 | 2856.1 | *2826.1* | 2856.1 |
| 35° | 4714.4 | 4385.8 | 4057.2 | 3732.2 | 3407.2 | 3271.0 | 3134.8 | 3118.6 | 3102.4 | *3099.9* | 3102.4 |
| 37.5° | 4994.6 | 4607.9 | 4221.3 | 3925.9 | 3630.5 | 3621.7 | 3612.9 | 3686.9 | 3760.9 | *3799.4* | 3760.9 |
| 40° | 5417.8 | 4997.4 | 4576.9 | 4357.2 | 4137.6 | 4292.6 | 4447.7 | 4627.6 | 4807.6 | *4897.2* | 4807.6 |
| 42.5° | 5979.2 | 5562.0 | 5144.9 | 5018.3 | 4891.8 | 5230.0 | 5568.1 | 5895.4 | 6222.8 | *6414.9* | 6222.8 |
| 45° | 6672.4 | 6297.7 | 5922.8 | 5867.0 | 5811.1 | 6352.9 | 6894.8 | 7432.6 | 7970.6 | *8297.1* | 7970.6 |
| 47.5° | 7539.4 | 7174.8 | 6810.2 | 6798.8 | 6787.5 | 7569.1 | 8350.5 | 9137.9 | 9925.2 | *10387.5* | 9925.2 |
| 50° | 8675.7 | 8225.3 | 7775.1 | 7777.0 | 7779.0 | 8786.2 | 9793.5 | 10832.8 | 11872.2 | *12500.5* | 11872.2 |
| 52.5° | 9980.0 | 9434.8 | 8889.6 | 8834.5 | 8779.2 | 9982.4 | 11185.6 | 12471.6 | 13757.4 | *14510.6* | 13757.4 |
| 55° | 11368.7 | 10830.0 | 10291.3 | 10076.4 | 9861.4 | 11200.6 | 12539.6 | 14072.6 | 15605.6 | *16501.4* | 15605.6 |
| 57.5° | 12631.8 | 12338.5 | 12045.0 | 11613.9 | 11182.9 | 12535.0 | 13887.2 | 15623.6 | 17359.8 | *18470.7* | 17359.8 |
| 60° | 13395.2 | 13850.9 | 14306.6 | 13771.3 | 13236.0 | 14515.5 | 15795.1 | 17654.2 | 19513.3 | *20713.9* | 19513.3 |
| 62.5° | 13007.6 | 14252.6 | 15497.7 | 15437.4 | 15376.9 | 16549.1 | 17721.4 | 19490.2 | 21258.8 | *22368.5* | 21258.8 |
| 65° | *12231.7* | *13400.3* | *14568.9* | *14800.1* | *15031.2* | *16520.8* | *18010.6* | *19725.7* | *21440.7* | *22385.5* | *21440.7* |
| 67.5° | 11192.2 | 12303.6 | 13415.0 | 13523.4 | 13631.7 | 15183.9 | 16735.9 | 18458.3 | 20180.8 | *20921.0* | 20180.8 |
| 70° | 9943.3 | 11152.1 | 12361.1 | 12409.5 | 12458.1 | 13846.1 | 15234.0 | 16716.3 | 18198.5 | *18609.9* | 18198.5 |
| 72.5° | 8455.0 | 9842.2 | 11229.5 | 11264.4 | 11299.1 | 12385.1 | 13471.0 | 14581.2 | 15691.2 | *15732.9* | 15691.2 |
| 75° | 6572.3 | 8008.0 | 9443.8 | 9572.7 | 9701.6 | 10546.5 | 11391.4 | 12172.9 | 12954.4 | *12745.0* | 12954.4 |
| 77.5° | 4695.8 | 6036.0 | 7376.4 | 7560.9 | 7745.3 | 8387.6 | 9029.9 | 9584.2 | 10138.5 | *9778.6* | 10138.5 |
| 80° | 3073.4 | 4200.9 | 5328.4 | 5557.7 | 5787.0 | 6272.1 | 6757.0 | 7048.1 | 7339.0 | *6760.1* | 7339.0 |
| 82.5° | 1786.5 | 2557.4 | 3328.3 | 3584.5 | 3840.7 | 4174.6 | 4508.5 | 4629.9 | 4751.2 | *4296.2* | 4751.2 |
| 85° | 786.0 | 1195.2 | 1604.3 | 1822.2 | 2040.0 | 2314.4 | 2588.6 | 2657.5 | 2726.5 | *2362.0* | 2726.5 |
| 87.5° | 243.3 | 380.8 | 518.4 | 639.9 | 761.5 | 898.6 | 1035.8 | 1041.7 | 1047.5 | *879.4* | 1047.5 |
| 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° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 |
| 2.5° | 3255.6 | 3250.5 | 3240.3 | 3230.1 | 3213.0 | 3195.9 | 3183.8 | 3171.8 | 3147.5 | 3123.2 | 3097.2 |
| 5° | 3637.1 | 3623.4 | 3600.8 | 3578.1 | 3536.4 | 3494.7 | 3452.6 | 3410.6 | 3356.9 | 3303.1 | 3249.5 |
| 7.5° | 4004.1 | 3984.1 | 3947.1 | 3910.1 | 3848.6 | 3787.2 | 3718.9 | 3650.6 | 3561.8 | 3473.2 | 3391.3 |
| 10° | 4246.9 | 4227.4 | 4184.0 | 4140.3 | 4068.2 | 3996.1 | 3915.3 | 3834.5 | 3722.3 | 3610.2 | 3501.8 |
| 12.5° | 4326.3 | 4315.7 | 4284.0 | 4252.3 | 4187.4 | 4122.2 | 4034.7 | 3947.1 | 3823.8 | 3700.7 | 3578.0 |
| 15° | 4239.4 | 4250.7 | 4249.6 | 4248.5 | 4207.5 | 4166.7 | 4091.2 | 4015.6 | 3887.1 | 3758.6 | 3625.5 |
| 17.5° | 4023.9 | 4065.9 | 4111.8 | 4157.6 | 4156.9 | 4156.1 | 4105.1 | 4054.0 | 3923.8 | 3793.5 | 3648.3 |
| 20° | 3748.6 | 3822.3 | 3923.4 | 4024.6 | 4078.4 | 4132.1 | 4114.3 | 4096.5 | 3961.1 | 3825.6 | 3666.1 |
| 22.5° | 3486.6 | 3578.7 | 3727.5 | 3876.4 | 3987.7 | 4099.1 | 4122.4 | 4145.7 | 4007.4 | 3869.0 | 3690.1 |
| 25° | 3265.4 | 3362.3 | 3543.0 | 3723.8 | 3892.9 | 4062.0 | 4135.5 | 4209.1 | 4073.5 | 3938.0 | 3733.5 |
| 27.5° | 3088.2 | 3183.5 | 3383.8 | 3584.1 | 3808.0 | 4032.0 | 4163.6 | 4295.1 | 4165.9 | 4036.5 | 3801.4 |
| 30° | 2961.8 | 3050.2 | 3258.9 | 3467.6 | 3743.3 | 4019.0 | 4215.0 | 4411.1 | 4286.2 | 4161.3 | 3889.4 |
| 32.5° | 2925.5 | 2994.9 | 3191.1 | 3387.2 | 3699.1 | 4011.0 | 4279.5 | 4548.1 | 4424.4 | 4300.8 | 3981.2 |
| 35° | 3118.6 | 3134.8 | 3271.0 | 3407.2 | 3732.2 | 4057.2 | 4385.8 | 4714.4 | 4596.1 | 4477.6 | 4085.7 |
| 37.5° | 3686.9 | 3612.9 | 3621.7 | 3630.5 | 3925.9 | 4221.3 | 4607.9 | 4994.6 | 4843.6 | 4692.6 | 4202.9 |
| 40° | 4627.6 | 4447.7 | 4292.6 | 4137.6 | 4357.2 | 4576.9 | 4997.4 | 5417.8 | 5197.8 | 4977.8 | 4351.6 |
| 42.5° | 5895.4 | 5568.1 | 5230.0 | 4891.8 | 5018.3 | 5144.9 | 5562.0 | 5979.2 | 5661.6 | 5344.0 | 4546.1 |
| 45° | 7432.6 | 6894.8 | 6352.9 | 5811.1 | 5867.0 | 5922.8 | 6297.7 | 6672.4 | 6244.0 | 5815.7 | 4802.1 |
| 47.5° | 9137.9 | 8350.5 | 7569.1 | 6787.5 | 6798.8 | 6810.2 | 7174.8 | 7539.4 | 6936.5 | 6333.4 | 5074.9 |
| 50° | 10832.8 | 9793.5 | 8786.2 | 7779.0 | 7777.0 | 7775.1 | 8225.3 | 8675.7 | 7766.7 | 6857.7 | 5328.0 |
| 52.5° | 12471.6 | 11185.6 | 9982.4 | 8779.2 | 8834.5 | 8889.6 | 9434.8 | 9980.0 | 8638.9 | 7297.7 | 5492.3 |
| 55° | 14072.6 | 12539.6 | 11200.6 | 9861.4 | 10076.4 | 10291.3 | 10830.0 | 11368.7 | 9412.1 | 7455.6 | 5456.1 |
| 57.5° | 15623.6 | 13887.2 | 12535.0 | 11182.9 | 11613.9 | 12045.0 | 12338.5 | 12631.8 | 9960.1 | 7288.4 | 5201.2 |
| 60° | 17654.2 | 15795.1 | 14515.5 | 13236.0 | 13771.3 | 14306.6 | 13850.9 | 13395.2 | 10097.1 | 6798.8 | 4726.9 |
| 62.5° | 19490.2 | 17721.4 | 16549.1 | 15376.9 | 15437.4 | 15497.7 | 14252.6 | 13007.6 | 9520.4 | 6033.3 | 4085.5 |
| 65° | *19725.7* | *18010.6* | *16520.8* | *15031.2* | *14800.1* | *14568.9* | *13400.3* | *12231.7* | *8704.5* | *5177.3* | *3431.1* |
| 67.5° | 18458.3 | 16735.9 | 15183.9 | 13631.7 | 13523.4 | 13415.0 | 12303.6 | 11192.2 | 7733.6 | 4275.0 | 2790.1 |
| 70° | 16716.3 | 15234.0 | 13846.1 | 12458.1 | 12409.5 | 12361.1 | 11152.1 | 9943.3 | 6674.1 | 3405.0 | 2196.8 |
| 72.5° | 14581.2 | 13471.0 | 12385.1 | 11299.1 | 11264.4 | 11229.5 | 9842.2 | 8455.0 | 5525.6 | 2596.3 | 1679.5 |
| 75° | 12172.9 | 11391.4 | 10546.5 | 9701.6 | 9572.7 | 9443.8 | 8008.0 | 6572.3 | 4209.0 | 1845.7 | 1218.9 |
| 77.5° | 9584.2 | 9029.9 | 8387.6 | 7745.3 | 7560.9 | 7376.4 | 6036.0 | 4695.8 | 2945.9 | 1196.1 | 826.0 |
| 80° | 7048.1 | 6757.0 | 6272.1 | 5787.0 | 5557.7 | 5328.4 | 4200.9 | 3073.4 | 1898.0 | 722.6 | 532.2 |
| 82.5° | 4629.9 | 4508.5 | 4174.6 | 3840.7 | 3584.5 | 3328.3 | 2557.4 | 1786.5 | 1098.5 | 410.6 | 327.3 |
| 85° | 2657.5 | 2588.6 | 2314.4 | 2040.0 | 1822.2 | 1604.3 | 1195.2 | 786.0 | 494.1 | 202.4 | 175.0 |
| 87.5° | 1041.7 | 1035.8 | 898.6 | 761.5 | 639.9 | 518.4 | 380.8 | 243.3 | 161.8 | 80.4 | 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 |

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REPORT NUMBER: P1200763
CATALOG NUMBER: GPC-SB2D-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 |
| 2.5° | 3071.4 | 3045.4 | 3019.4 | 2994.5 | 2969.6 | 2945.5 | 2918.6 | 2896.9 | 2875.3 | 2855.7 | 2836.2 |
| 5° | 3195.9 | 3141.9 | 3088.1 | 3037.7 | 2987.3 | 2939.8 | 2892.8 | 2851.9 | 2810.8 | 2776.4 | 2742.1 |
| 7.5° | 3309.3 | 3229.5 | 3149.7 | 3079.5 | 3009.2 | 2944.3 | 2883.6 | 2829.0 | 2774.6 | 2729.3 | 2684.0 |
| 10° | 3393.6 | 3296.8 | 3199.8 | 3116.7 | 3033.4 | 2953.4 | 2888.1 | 2830.6 | 2773.1 | 2727.8 | 2682.5 |
| 12.5° | 3455.3 | 3341.0 | 3226.7 | 3132.7 | 3038.6 | 2954.5 | 2893.7 | 2846.7 | 2799.8 | 2769.7 | 2739.8 |
| 15° | 3492.5 | 3360.8 | 3229.2 | 3120.3 | 3011.4 | 2918.3 | 2869.6 | 2847.1 | 2824.7 | 2828.8 | 2832.8 |
| 17.5° | 3503.1 | 3350.3 | 3197.5 | 3066.6 | 2935.6 | 2826.1 | 2796.1 | 2804.3 | 2812.5 | 2861.8 | 2911.2 |
| 20° | 3506.5 | 3321.3 | 3136.2 | 2973.9 | 2811.6 | 2684.0 | 2676.1 | 2714.6 | 2753.1 | 2838.7 | 2924.5 |
| 22.5° | 3511.0 | 3285.8 | 3060.6 | 2865.1 | 2669.6 | 2524.4 | 2539.9 | 2596.9 | 2653.8 | 2751.6 | 2849.6 |
| 25° | 3528.9 | 3250.7 | 2972.6 | 2743.7 | 2514.8 | 2366.0 | 2407.9 | 2473.5 | 2539.2 | 2627.1 | 2715.1 |
| 27.5° | 3566.2 | 3227.3 | 2888.3 | 2632.6 | 2377.0 | 2241.5 | 2292.4 | 2355.8 | 2419.2 | 2491.5 | 2563.7 |
| 30° | 3617.4 | 3216.3 | 2815.0 | 2539.8 | 2264.7 | 2151.0 | 2190.9 | 2241.2 | 2291.6 | 2351.6 | 2411.6 |
| 32.5° | 3661.5 | 3202.7 | 2743.7 | 2459.8 | 2175.8 | 2084.2 | 2101.9 | 2131.7 | 2161.5 | 2209.4 | 2257.3 |
| 35° | 3693.9 | 3177.1 | 2660.6 | 2381.2 | 2101.7 | 2025.3 | 2018.0 | 2026.1 | 2034.4 | 2070.9 | 2107.4 |
| 37.5° | 3713.1 | 3133.3 | 2553.5 | 2288.6 | 2023.6 | 1956.8 | 1929.9 | 1920.9 | 1911.8 | 1938.1 | 1964.2 |
| 40° | 3725.3 | 3073.0 | 2420.9 | 2178.1 | 1935.3 | 1874.8 | 1833.5 | 1813.0 | 1792.5 | 1811.4 | 1830.3 |
| 42.5° | 3748.2 | 3010.8 | 2273.5 | 2056.2 | 1838.9 | 1783.1 | 1731.1 | 1703.9 | 1676.7 | 1692.1 | 1707.6 |
| 45° | 3788.6 | 2952.9 | 2117.3 | 1926.7 | 1736.2 | 1679.6 | 1629.2 | 1602.7 | 1576.3 | 1589.2 | 1602.4 |
| 47.5° | 3816.4 | 2905.2 | 1994.0 | 1824.3 | 1654.7 | 1581.7 | 1538.3 | 1516.1 | 1494.0 | 1506.2 | 1518.3 |
| 50° | 3798.3 | 2853.1 | 1908.0 | 1756.3 | 1604.6 | 1508.7 | 1458.3 | 1438.6 | 1419.0 | 1438.0 | 1457.2 |
| 52.5° | 3686.8 | 2765.2 | 1843.7 | 1711.5 | 1579.4 | 1469.1 | 1398.7 | 1379.2 | 1359.8 | 1388.5 | 1417.0 |
| 55° | 3456.5 | 2619.4 | 1782.3 | 1679.0 | 1575.7 | 1473.0 | 1367.0 | 1336.2 | 1305.5 | 1346.1 | 1386.7 |
| 57.5° | 3114.1 | 2413.9 | 1713.5 | 1640.5 | 1567.5 | 1477.0 | 1348.0 | 1303.1 | 1258.3 | 1302.0 | 1345.7 |
| 60° | 2654.9 | 2147.0 | 1639.0 | 1581.7 | 1524.3 | 1464.5 | 1330.1 | 1272.0 | 1213.8 | 1252.2 | 1290.5 |
| 62.5° | 2137.7 | 1827.6 | 1517.5 | 1479.4 | 1441.3 | 1434.0 | 1309.2 | 1236.6 | 1164.0 | 1188.4 | 1212.7 |
| 65° | *1685.0* | *1540.2* | *1395.5* | *1377.5* | *1359.5* | *1360.4* | *1265.3* | *1188.1* | *1110.8* | *1120.2* | *1129.5* |
| 67.5° | 1305.2 | 1264.1 | 1222.9 | 1233.0 | 1242.9 | 1240.4 | 1187.0 | 1122.7 | 1058.4 | 1055.5 | 1052.6 |
| 70° | 988.6 | 1000.4 | 1012.0 | 1058.7 | 1105.2 | 1105.2 | 1087.6 | 1041.9 | 996.2 | 986.0 | 975.8 |
| 72.5° | 762.6 | 798.0 | 833.6 | 899.7 | 965.6 | 976.7 | 977.0 | 945.6 | 914.3 | 899.3 | 884.5 |
| 75° | 592.1 | 624.3 | 656.4 | 730.5 | 804.5 | 855.6 | 851.3 | 827.2 | 803.0 | 788.7 | 774.4 |
| 77.5° | 455.9 | 477.7 | 499.7 | 571.5 | 643.4 | 727.7 | 725.5 | 706.1 | 686.8 | 672.3 | 657.8 |
| 80° | 341.8 | 350.9 | 359.9 | 420.8 | 481.6 | 582.3 | 582.0 | 565.8 | 549.5 | 537.4 | 525.1 |
| 82.5° | 244.2 | 245.8 | 247.6 | 292.5 | 337.3 | 423.3 | 428.0 | 420.1 | 412.2 | 403.6 | 395.0 |
| 85° | 147.7 | 146.9 | 146.0 | 178.8 | 211.6 | 275.6 | 281.8 | 273.3 | 264.8 | 255.2 | 245.6 |
| 87.5° | 64.7 | 63.9 | 63.2 | 76.5 | 90.0 | 116.6 | 124.5 | 121.1 | 117.7 | 115.9 | 114.1 |
| 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: P1200763
CATALOG NUMBER: GPC-SB2D-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 |
| 2.5° | 2819.2 | 2802.1 | 2784.9 | 2767.8 | 2754.5 | 2741.2 | 2730.4 | 2719.7 | 2711.3 | 2702.9 | 2695.2 |
| 5° | 2711.7 | 2681.4 | 2653.9 | 2626.3 | 2605.1 | 2583.9 | 2569.0 | 2554.2 | 2543.7 | 2533.2 | 2525.1 |
| 7.5° | 2645.9 | 2607.6 | 2573.9 | 2540.3 | 2515.0 | 2489.9 | 2472.3 | 2454.6 | 2442.5 | 2430.5 | 2423.3 |
| 10° | 2641.5 | 2600.3 | 2562.4 | 2524.4 | 2494.3 | 2464.1 | 2444.4 | 2424.5 | 2413.1 | 2401.6 | 2395.5 |
| 12.5° | 2707.4 | 2675.3 | 2636.0 | 2596.9 | 2558.4 | 2519.9 | 2494.4 | 2469.0 | 2456.2 | 2443.5 | 2438.3 |
| 15° | 2824.5 | 2816.1 | 2782.0 | 2748.0 | 2693.2 | 2638.4 | 2599.7 | 2561.0 | 2543.2 | 2525.6 | 2518.8 |
| 17.5° | 2937.4 | 2963.6 | 2936.1 | 2908.7 | 2836.1 | 2763.6 | 2706.5 | 2649.5 | 2623.2 | 2596.9 | 2588.3 |
| 20° | 2979.4 | 3034.3 | 3021.6 | 3008.8 | 2925.9 | 2843.0 | 2773.1 | 2703.3 | 2669.6 | 2635.9 | 2625.2 |
| 22.5° | 2921.0 | 2992.4 | 3000.1 | 3007.7 | 2928.5 | 2849.3 | 2777.3 | 2705.2 | 2669.8 | 2634.2 | 2622.3 |
| 25° | 2785.4 | 2855.7 | 2882.0 | 2908.1 | 2843.1 | 2778.3 | 2714.2 | 2650.4 | 2619.6 | 2588.9 | 2577.7 |
| 27.5° | 2620.1 | 2676.4 | 2705.6 | 2734.9 | 2688.7 | 2642.5 | 2592.8 | 2543.1 | 2522.5 | 2501.8 | 2496.7 |
| 30° | 2458.3 | 2505.2 | 2529.0 | 2552.7 | 2517.5 | 2482.2 | 2446.7 | 2410.9 | 2400.4 | 2389.8 | 2389.8 |
| 32.5° | 2302.2 | 2347.1 | 2373.5 | 2399.9 | 2367.6 | 2335.1 | 2306.7 | 2278.3 | 2271.4 | 2264.5 | 2265.4 |
| 35° | 2151.7 | 2196.2 | 2227.9 | 2259.6 | 2236.5 | 2213.5 | 2187.3 | 2161.1 | 2150.6 | 2140.2 | 2137.9 |
| 37.5° | 2008.5 | 2052.8 | 2092.0 | 2131.1 | 2120.5 | 2109.9 | 2085.8 | 2061.5 | 2042.4 | 2023.4 | 2013.3 |
| 40° | 1873.1 | 1915.9 | 1960.9 | 2006.1 | 2008.7 | 2011.2 | 1990.7 | 1970.2 | 1942.4 | 1914.7 | 1896.0 |
| 42.5° | 1748.1 | 1788.8 | 1837.4 | 1886.1 | 1899.1 | 1912.1 | 1894.8 | 1877.6 | 1843.1 | 1808.6 | 1781.3 |
| 45° | 1640.9 | 1679.3 | 1729.8 | 1780.3 | 1799.0 | 1817.6 | 1802.0 | 1786.5 | 1747.0 | 1707.6 | 1675.6 |
| 47.5° | 1556.0 | 1593.5 | 1643.3 | 1693.1 | 1714.6 | 1736.2 | 1725.3 | 1714.4 | 1679.3 | 1644.3 | 1614.6 |
| 50° | 1492.7 | 1528.1 | 1572.7 | 1617.3 | 1644.9 | 1672.5 | 1671.9 | 1671.4 | 1643.3 | 1615.3 | 1587.9 |
| 52.5° | 1449.6 | 1482.1 | 1523.6 | 1565.3 | 1598.0 | 1630.7 | 1636.6 | 1642.4 | 1619.6 | 1596.7 | 1572.2 |
| 55° | 1421.7 | 1456.8 | 1493.3 | 1529.6 | 1564.2 | 1599.0 | 1607.1 | 1615.3 | 1595.4 | 1575.4 | 1553.9 |
| 57.5° | 1386.9 | 1428.1 | 1464.1 | 1500.2 | 1535.1 | 1570.0 | 1578.3 | 1586.5 | 1566.4 | 1546.2 | 1525.0 |
| 60° | 1337.8 | 1385.1 | 1421.6 | 1458.3 | 1493.4 | 1528.5 | 1537.5 | 1546.6 | 1526.9 | 1507.3 | 1485.3 |
| 62.5° | 1267.8 | 1323.1 | 1362.1 | 1401.1 | 1433.3 | 1465.4 | 1474.1 | 1482.9 | 1465.1 | 1447.3 | 1424.2 |
| 65° | *1188.6* | *1247.8* | *1285.1* | *1322.5* | *1350.8* | *1379.1* | *1388.0* | *1396.8* | *1379.8* | *1362.7* | *1340.3* |
| 67.5° | 1107.1 | 1161.8 | 1197.2 | 1232.5 | 1257.0 | 1281.4 | 1290.1 | 1298.7 | 1283.0 | 1267.4 | 1246.5 |
| 70° | 1023.8 | 1071.8 | 1102.4 | 1132.9 | 1155.0 | 1177.1 | 1185.4 | 1193.8 | 1181.0 | 1168.2 | 1148.3 |
| 72.5° | 922.3 | 960.0 | 987.6 | 1015.2 | 1036.8 | 1058.4 | 1068.4 | 1078.4 | 1067.7 | 1057.1 | 1038.1 |
| 75° | 802.4 | 830.5 | 855.5 | 880.5 | 900.2 | 919.9 | 930.3 | 940.7 | 935.5 | 930.3 | 914.4 |
| 77.5° | 680.7 | 703.4 | 724.9 | 746.4 | 767.1 | 787.7 | 797.5 | 807.2 | 799.9 | 792.5 | 776.4 |
| 80° | 544.2 | 563.1 | 581.2 | 599.3 | 615.0 | 630.6 | 643.5 | 656.4 | 653.3 | 650.2 | 628.6 |
| 82.5° | 393.4 | 391.8 | 385.5 | 379.1 | 412.6 | 446.1 | 468.1 | 490.1 | 488.7 | 487.2 | 469.0 |
| 85° | 237.4 | 229.2 | 211.6 | 194.1 | 225.5 | 256.9 | 284.1 | 311.2 | 309.0 | 306.7 | 292.5 |
| 87.5° | 113.7 | 113.4 | 100.0 | 86.6 | 99.7 | 113.0 | 123.9 | 134.9 | 132.2 | 129.2 | 122.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1200763
CATALOG NUMBER: GPC-SB2D-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 |
| 2.5° | 2687.4 | 2677.8 | 2687.4 | 2695.2 | 2702.9 | 2711.3 | 2719.7 | 2730.4 | 2741.2 | 2754.5 | 2767.8 |
| 5° | 2517.1 | 2509.2 | 2517.1 | 2525.1 | 2533.2 | 2543.7 | 2554.2 | 2569.0 | 2583.9 | 2605.1 | 2626.3 |
| 7.5° | 2416.1 | 2410.7 | 2416.1 | 2423.3 | 2430.5 | 2442.5 | 2454.6 | 2472.3 | 2489.9 | 2515.0 | 2540.3 |
| 10° | 2389.4 | 2386.9 | 2389.4 | 2395.5 | 2401.6 | 2413.1 | 2424.5 | 2444.4 | 2464.1 | 2494.3 | 2524.4 |
| 12.5° | 2433.1 | 2432.2 | 2433.1 | 2438.3 | 2443.5 | 2456.2 | 2469.0 | 2494.4 | 2519.9 | 2558.4 | 2596.9 |
| 15° | 2512.0 | 2511.4 | 2512.0 | 2518.8 | 2525.6 | 2543.2 | 2561.0 | 2599.7 | 2638.4 | 2693.2 | 2748.0 |
| 17.5° | 2579.6 | 2578.2 | 2579.6 | 2588.3 | 2596.9 | 2623.2 | 2649.5 | 2706.5 | 2763.6 | 2836.1 | 2908.7 |
| 20° | 2614.4 | 2611.0 | 2614.4 | 2625.2 | 2635.9 | 2669.6 | 2703.3 | 2773.1 | 2843.0 | 2925.9 | 3008.8 |
| 22.5° | 2610.5 | 2605.4 | 2610.5 | 2622.3 | 2634.2 | 2669.8 | 2705.2 | 2777.3 | 2849.3 | 2928.5 | 3007.7 |
| 25° | 2566.7 | 2560.1 | 2566.7 | 2577.7 | 2588.9 | 2619.6 | 2650.4 | 2714.2 | 2778.3 | 2843.1 | 2908.1 |
| 27.5° | 2491.6 | 2489.9 | 2491.6 | 2496.7 | 2501.8 | 2522.5 | 2543.1 | 2592.8 | 2642.5 | 2688.7 | 2734.9 |
| 30° | 2389.8 | 2391.5 | 2389.8 | 2389.8 | 2389.8 | 2400.4 | 2410.9 | 2446.7 | 2482.2 | 2517.5 | 2552.7 |
| 32.5° | 2266.4 | 2268.1 | 2266.4 | 2265.4 | 2264.5 | 2271.4 | 2278.3 | 2306.7 | 2335.1 | 2367.6 | 2399.9 |
| 35° | 2135.7 | 2134.5 | 2135.7 | 2137.9 | 2140.2 | 2150.6 | 2161.1 | 2187.3 | 2213.5 | 2236.5 | 2259.6 |
| 37.5° | 2003.3 | 1997.6 | 2003.3 | 2013.3 | 2023.4 | 2042.4 | 2061.5 | 2085.8 | 2109.9 | 2120.5 | 2131.1 |
| 40° | 1877.4 | 1866.3 | 1877.4 | 1896.0 | 1914.7 | 1942.4 | 1970.2 | 1990.7 | 2011.2 | 2008.7 | 2006.1 |
| 42.5° | 1754.0 | 1736.2 | 1754.0 | 1781.3 | 1808.6 | 1843.1 | 1877.6 | 1894.8 | 1912.1 | 1899.1 | 1886.1 |
| 45° | 1643.6 | 1623.0 | 1643.6 | 1675.6 | 1707.6 | 1747.0 | 1786.5 | 1802.0 | 1817.6 | 1799.0 | 1780.3 |
| 47.5° | 1585.1 | 1565.3 | 1585.1 | 1614.6 | 1644.3 | 1679.3 | 1714.4 | 1725.3 | 1736.2 | 1714.6 | 1693.1 |
| 50° | 1560.5 | 1541.5 | 1560.5 | 1587.9 | 1615.3 | 1643.3 | 1671.4 | 1671.9 | 1672.5 | 1644.9 | 1617.3 |
| 52.5° | 1547.7 | 1530.2 | 1547.7 | 1572.2 | 1596.7 | 1619.6 | 1642.4 | 1636.6 | 1630.7 | 1598.0 | 1565.3 |
| 55° | 1532.4 | 1516.6 | 1532.4 | 1553.9 | 1575.4 | 1595.4 | 1615.3 | 1607.1 | 1599.0 | 1564.2 | 1529.6 |
| 57.5° | 1503.6 | 1487.2 | 1503.6 | 1525.0 | 1546.2 | 1566.4 | 1586.5 | 1578.3 | 1570.0 | 1535.1 | 1500.2 |
| 60° | 1463.4 | 1446.4 | 1463.4 | 1485.3 | 1507.3 | 1526.9 | 1546.6 | 1537.5 | 1528.5 | 1493.4 | 1458.3 |
| 62.5° | 1401.1 | 1380.8 | 1401.1 | 1424.2 | 1447.3 | 1465.1 | 1482.9 | 1474.1 | 1465.4 | 1433.3 | 1401.1 |
| 65° | *1318.0* | *1300.4* | *1318.0* | *1340.3* | *1362.7* | *1379.8* | *1396.8* | *1388.0* | *1379.1* | *1350.8* | *1322.5* |
| 67.5° | 1225.7 | 1209.9 | 1225.7 | 1246.5 | 1267.4 | 1283.0 | 1298.7 | 1290.1 | 1281.4 | 1257.0 | 1232.5 |
| 70° | 1128.4 | 1110.3 | 1128.4 | 1148.3 | 1168.2 | 1181.0 | 1193.8 | 1185.4 | 1177.1 | 1155.0 | 1132.9 |
| 72.5° | 1019.2 | 1001.6 | 1019.2 | 1038.1 | 1057.1 | 1067.7 | 1078.4 | 1068.4 | 1058.4 | 1036.8 | 1015.2 |
| 75° | 898.4 | 881.7 | 898.4 | 914.4 | 930.3 | 935.5 | 940.7 | 930.3 | 919.9 | 900.2 | 880.5 |
| 77.5° | 760.3 | 747.0 | 760.3 | 776.4 | 792.5 | 799.9 | 807.2 | 797.5 | 787.7 | 767.1 | 746.4 |
| 80° | 606.9 | 581.7 | 606.9 | 628.6 | 650.2 | 653.3 | 656.4 | 643.5 | 630.6 | 615.0 | 599.3 |
| 82.5° | 450.7 | 434.6 | 450.7 | 469.0 | 487.2 | 488.7 | 490.1 | 468.1 | 446.1 | 412.6 | 379.1 |
| 85° | 278.2 | 263.7 | 278.2 | 292.5 | 306.7 | 309.0 | 311.2 | 284.1 | 256.9 | 225.5 | 194.1 |
| 87.5° | 114.5 | 107.5 | 114.5 | 122.0 | 129.2 | 132.2 | 134.9 | 123.9 | 113.0 | 99.7 | 86.6 |
| 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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Scaled Data Report

REPORT NUMBER: P1200763
CATALOG NUMBER: GPC-SB2D-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 |
| 2.5° | 2784.9 | 2802.1 | 2819.2 | 2836.2 | 2855.7 | 2875.3 | 2896.9 | 2918.6 | 2945.5 | 2969.6 | 2994.5 |
| 5° | 2653.9 | 2681.4 | 2711.7 | 2742.1 | 2776.4 | 2810.8 | 2851.9 | 2892.8 | 2939.8 | 2987.3 | 3037.7 |
| 7.5° | 2573.9 | 2607.6 | 2645.9 | 2684.0 | 2729.3 | 2774.6 | 2829.0 | 2883.6 | 2944.3 | 3009.2 | 3079.5 |
| 10° | 2562.4 | 2600.3 | 2641.5 | 2682.5 | 2727.8 | 2773.1 | 2830.6 | 2888.1 | 2953.4 | 3033.4 | 3116.7 |
| 12.5° | 2636.0 | 2675.3 | 2707.4 | 2739.8 | 2769.7 | 2799.8 | 2846.7 | 2893.7 | 2954.5 | 3038.6 | 3132.7 |
| 15° | 2782.0 | 2816.1 | 2824.5 | 2832.8 | 2828.8 | 2824.7 | 2847.1 | 2869.6 | 2918.3 | 3011.4 | 3120.3 |
| 17.5° | 2936.1 | 2963.6 | 2937.4 | 2911.2 | 2861.8 | 2812.5 | 2804.3 | 2796.1 | 2826.1 | 2935.6 | 3066.6 |
| 20° | 3021.6 | 3034.3 | 2979.4 | 2924.5 | 2838.7 | 2753.1 | 2714.6 | 2676.1 | 2684.0 | 2811.6 | 2973.9 |
| 22.5° | 3000.1 | 2992.4 | 2921.0 | 2849.6 | 2751.6 | 2653.8 | 2596.9 | 2539.9 | 2524.4 | 2669.6 | 2865.1 |
| 25° | 2882.0 | 2855.7 | 2785.4 | 2715.1 | 2627.1 | 2539.2 | 2473.5 | 2407.9 | 2366.0 | 2514.8 | 2743.7 |
| 27.5° | 2705.6 | 2676.4 | 2620.1 | 2563.7 | 2491.5 | 2419.2 | 2355.8 | 2292.4 | 2241.5 | 2377.0 | 2632.6 |
| 30° | 2529.0 | 2505.2 | 2458.3 | 2411.6 | 2351.6 | 2291.6 | 2241.2 | 2190.9 | 2151.0 | 2264.7 | 2539.8 |
| 32.5° | 2373.5 | 2347.1 | 2302.2 | 2257.3 | 2209.4 | 2161.5 | 2131.7 | 2101.9 | 2084.2 | 2175.8 | 2459.8 |
| 35° | 2227.9 | 2196.2 | 2151.7 | 2107.4 | 2070.9 | 2034.4 | 2026.1 | 2018.0 | 2025.3 | 2101.7 | 2381.2 |
| 37.5° | 2092.0 | 2052.8 | 2008.5 | 1964.2 | 1938.1 | 1911.8 | 1920.9 | 1929.9 | 1956.8 | 2023.6 | 2288.6 |
| 40° | 1960.9 | 1915.9 | 1873.1 | 1830.3 | 1811.4 | 1792.5 | 1813.0 | 1833.5 | 1874.8 | 1935.3 | 2178.1 |
| 42.5° | 1837.4 | 1788.8 | 1748.1 | 1707.6 | 1692.1 | 1676.7 | 1703.9 | 1731.1 | 1783.1 | 1838.9 | 2056.2 |
| 45° | 1729.8 | 1679.3 | 1640.9 | 1602.4 | 1589.2 | 1576.3 | 1602.7 | 1629.2 | 1679.6 | 1736.2 | 1926.7 |
| 47.5° | 1643.3 | 1593.5 | 1556.0 | 1518.3 | 1506.2 | 1494.0 | 1516.1 | 1538.3 | 1581.7 | 1654.7 | 1824.3 |
| 50° | 1572.7 | 1528.1 | 1492.7 | 1457.2 | 1438.0 | 1419.0 | 1438.6 | 1458.3 | 1508.7 | 1604.6 | 1756.3 |
| 52.5° | 1523.6 | 1482.1 | 1449.6 | 1417.0 | 1388.5 | 1359.8 | 1379.2 | 1398.7 | 1469.1 | 1579.4 | 1711.5 |
| 55° | 1493.3 | 1456.8 | 1421.7 | 1386.7 | 1346.1 | 1305.5 | 1336.2 | 1367.0 | 1473.0 | 1575.7 | 1679.0 |
| 57.5° | 1464.1 | 1428.1 | 1386.9 | 1345.7 | 1302.0 | 1258.3 | 1303.1 | 1348.0 | 1477.0 | 1567.5 | 1640.5 |
| 60° | 1421.6 | 1385.1 | 1337.8 | 1290.5 | 1252.2 | 1213.8 | 1272.0 | 1330.1 | 1464.5 | 1524.3 | 1581.7 |
| 62.5° | 1362.1 | 1323.1 | 1267.8 | 1212.7 | 1188.4 | 1164.0 | 1236.6 | 1309.2 | 1434.0 | 1441.3 | 1479.4 |
| 65° | *1285.1* | *1247.8* | *1188.6* | *1129.5* | *1120.2* | *1110.8* | *1188.1* | *1265.3* | *1360.4* | *1359.5* | *1377.5* |
| 67.5° | 1197.2 | 1161.8 | 1107.1 | 1052.6 | 1055.5 | 1058.4 | 1122.7 | 1187.0 | 1240.4 | 1242.9 | 1233.0 |
| 70° | 1102.4 | 1071.8 | 1023.8 | 975.8 | 986.0 | 996.2 | 1041.9 | 1087.6 | 1105.2 | 1105.2 | 1058.7 |
| 72.5° | 987.6 | 960.0 | 922.3 | 884.5 | 899.3 | 914.3 | 945.6 | 977.0 | 976.7 | 965.6 | 899.7 |
| 75° | 855.5 | 830.5 | 802.4 | 774.4 | 788.7 | 803.0 | 827.2 | 851.3 | 855.6 | 804.5 | 730.5 |
| 77.5° | 724.9 | 703.4 | 680.7 | 657.8 | 672.3 | 686.8 | 706.1 | 725.5 | 727.7 | 643.4 | 571.5 |
| 80° | 581.2 | 563.1 | 544.2 | 525.1 | 537.4 | 549.5 | 565.8 | 582.0 | 582.3 | 481.6 | 420.8 |
| 82.5° | 385.5 | 391.8 | 393.4 | 395.0 | 403.6 | 412.2 | 420.1 | 428.0 | 423.3 | 337.3 | 292.5 |
| 85° | 211.6 | 229.2 | 237.4 | 245.6 | 255.2 | 264.8 | 273.3 | 281.8 | 275.6 | 211.6 | 178.8 |
| 87.5° | 100.0 | 113.4 | 113.7 | 114.1 | 115.9 | 117.7 | 121.1 | 124.5 | 116.6 | 90.0 | 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 |

REPORT NUMBER: P1200763
CATALOG NUMBER: GPC-SB2D-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 | 2949.4 |
| 2.5° | 3019.4 | 3045.4 | 3071.4 | 3097.2 | 3123.2 | 3147.5 | 3171.8 |
| 5° | 3088.1 | 3141.9 | 3195.9 | 3249.5 | 3303.1 | 3356.9 | 3410.6 |
| 7.5° | 3149.7 | 3229.5 | 3309.3 | 3391.3 | 3473.2 | 3561.8 | 3650.6 |
| 10° | 3199.8 | 3296.8 | 3393.6 | 3501.8 | 3610.2 | 3722.3 | 3834.5 |
| 12.5° | 3226.7 | 3341.0 | 3455.3 | 3578.0 | 3700.7 | 3823.8 | 3947.1 |
| 15° | 3229.2 | 3360.8 | 3492.5 | 3625.5 | 3758.6 | 3887.1 | 4015.6 |
| 17.5° | 3197.5 | 3350.3 | 3503.1 | 3648.3 | 3793.5 | 3923.8 | 4054.0 |
| 20° | 3136.2 | 3321.3 | 3506.5 | 3666.1 | 3825.6 | 3961.1 | 4096.5 |
| 22.5° | 3060.6 | 3285.8 | 3511.0 | 3690.1 | 3869.0 | 4007.4 | 4145.7 |
| 25° | 2972.6 | 3250.7 | 3528.9 | 3733.5 | 3938.0 | 4073.5 | 4209.1 |
| 27.5° | 2888.3 | 3227.3 | 3566.2 | 3801.4 | 4036.5 | 4165.9 | 4295.1 |
| 30° | 2815.0 | 3216.3 | 3617.4 | 3889.4 | 4161.3 | 4286.2 | 4411.1 |
| 32.5° | 2743.7 | 3202.7 | 3661.5 | 3981.2 | 4300.8 | 4424.4 | 4548.1 |
| 35° | 2660.6 | 3177.1 | 3693.9 | 4085.7 | 4477.6 | 4596.1 | 4714.4 |
| 37.5° | 2553.5 | 3133.3 | 3713.1 | 4202.9 | 4692.6 | 4843.6 | 4994.6 |
| 40° | 2420.9 | 3073.0 | 3725.3 | 4351.6 | 4977.8 | 5197.8 | 5417.8 |
| 42.5° | 2273.5 | 3010.8 | 3748.2 | 4546.1 | 5344.0 | 5661.6 | 5979.2 |
| 45° | 2117.3 | 2952.9 | 3788.6 | 4802.1 | 5815.7 | 6244.0 | 6672.4 |
| 47.5° | 1994.0 | 2905.2 | 3816.4 | 5074.9 | 6333.4 | 6936.5 | 7539.4 |
| 50° | 1908.0 | 2853.1 | 3798.3 | 5328.0 | 6857.7 | 7766.7 | 8675.7 |
| 52.5° | 1843.7 | 2765.2 | 3686.8 | 5492.3 | 7297.7 | 8638.9 | 9980.0 |
| 55° | 1782.3 | 2619.4 | 3456.5 | 5456.1 | 7455.6 | 9412.1 | 11368.7 |
| 57.5° | 1713.5 | 2413.9 | 3114.1 | 5201.2 | 7288.4 | 9960.1 | 12631.8 |
| 60° | 1639.0 | 2147.0 | 2654.9 | 4726.9 | 6798.8 | 10097.1 | 13395.2 |
| 62.5° | 1517.5 | 1827.6 | 2137.7 | 4085.5 | 6033.3 | 9520.4 | 13007.6 |
| 65° | *1395.5* | *1540.2* | *1685.0* | *3431.1* | *5177.3* | *8704.5* | *12231.7* |
| 67.5° | 1222.9 | 1264.1 | 1305.2 | 2790.1 | 4275.0 | 7733.6 | 11192.2 |
| 70° | 1012.0 | 1000.4 | 988.6 | 2196.8 | 3405.0 | 6674.1 | 9943.3 |
| 72.5° | 833.6 | 798.0 | 762.6 | 1679.5 | 2596.3 | 5525.6 | 8455.0 |
| 75° | 656.4 | 624.3 | 592.1 | 1218.9 | 1845.7 | 4209.0 | 6572.3 |
| 77.5° | 499.7 | 477.7 | 455.9 | 826.0 | 1196.1 | 2945.9 | 4695.8 |
| 80° | 359.9 | 350.9 | 341.8 | 532.2 | 722.6 | 1898.0 | 3073.4 |
| 82.5° | 247.6 | 245.8 | 244.2 | 327.3 | 410.6 | 1098.5 | 1786.5 |
| 85° | 146.0 | 146.9 | 147.7 | 175.0 | 202.4 | 494.1 | 786.0 |
| 87.5° | 63.2 | 63.9 | 64.7 | 72.5 | 80.4 | 161.8 | 243.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |


HS
SS

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v6.13

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

## Test Information

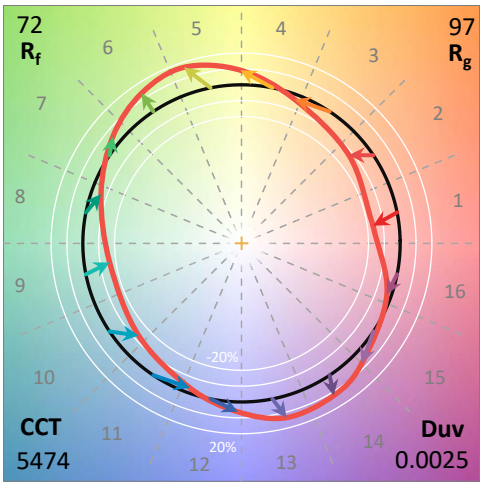
| | |
|---|---|
| Test Method: | LM-79-2008 |
| Report Number: | SP1-1908-441-9-R4 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 - 76IN SPHERE |
| Measurement Geometry: | 4π |
| Issue Date: | 10/28/2024 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | **SA1C-760-U-5WQ** |
| Description: | McGRAW EDISON ROADWAY AND AREA LUMINAIRE |

***THIS IS A REVISION OF SP1-1908-441-4-R3. TO UPDATE THE CATALOG INFORMATION.***TESTED IN SITU. ROADWAY AND AREA LUMINAIRE. (1) 70 CRI, 5000K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

## Spectral Parameters

| | | | | | |
|---|---|---|---|---|---|
| CCT (K): | 5474 | CRI (Ra): | 71.7 | | |
| CIE u': | 0.2052 | R1: | 70.6 | R9: | -27.1 |
| CIE v': | 0.4804 | R2: | 74.6 | R10: | 40.8 |
| Duv: | 0.0025 | R3: | 78.3 | R11: | 74.6 |
| CIE x: | 0.3330 | R4: | 73.8 | R12: | 50.4 |
| CIE y: | 0.3466 | R5: | 72.4 | R13: | 70.0 |
| CIE z: | 0.3204 | R6: | 67.5 | R14: | 87.8 |
| Peak Wavelength (nm): | 442 | R7: | 77.5 | | |
| Dominant Wavelength (nm): | 554 | R8: | 58.9 | | |
| Purity: | 4.1 | | | | |

| | |
|---|---|
| Rf: | 72.1 |
| Rg: | 97.2 |




## Test Conditions

| | |
|---|---|
| Stabilization Time: | 240M |
| Operation Time: | 12H |
| Room Temperature (°C) / RH%: | 24.6/31% |
| Sphere Temperature (°C): | 25.9 |

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

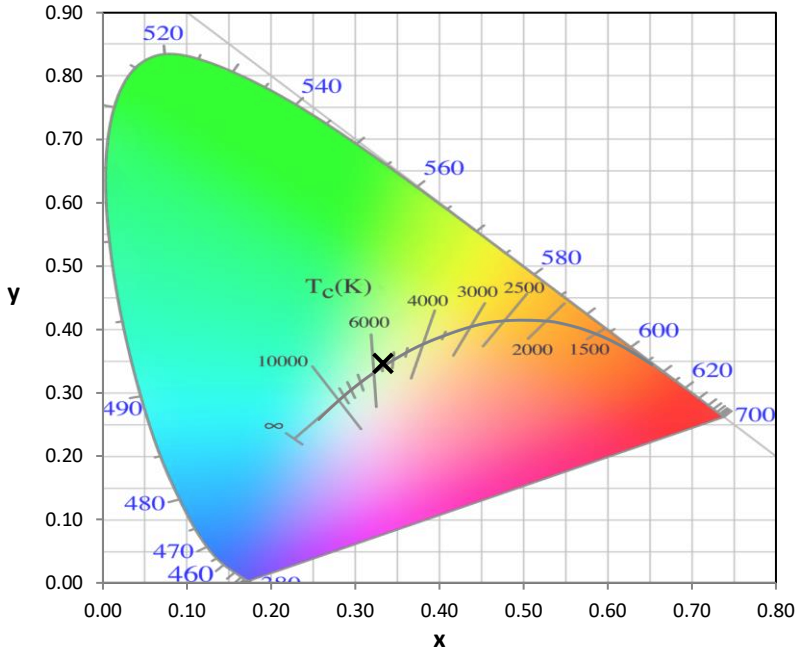
REPORT NUMBER: SP1-1908-441-9-R4

| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/28/2019 | 12/28/2019 |
| Power Meter | IN0071 | 12/5/2018 | 12/5/2019 |
| AC Power Source | IN0063 | 12/5/2018 | 12/5/2019 |
| DC Power Source | IN0208 | 12/5/2018 | 12/5/2019 |
| Sphere Thermometer | IN0085 | 12/5/2018 | 12/5/2019 |
| Room Thermometer | IN0046 | 12/5/2018 | 12/5/2019 |

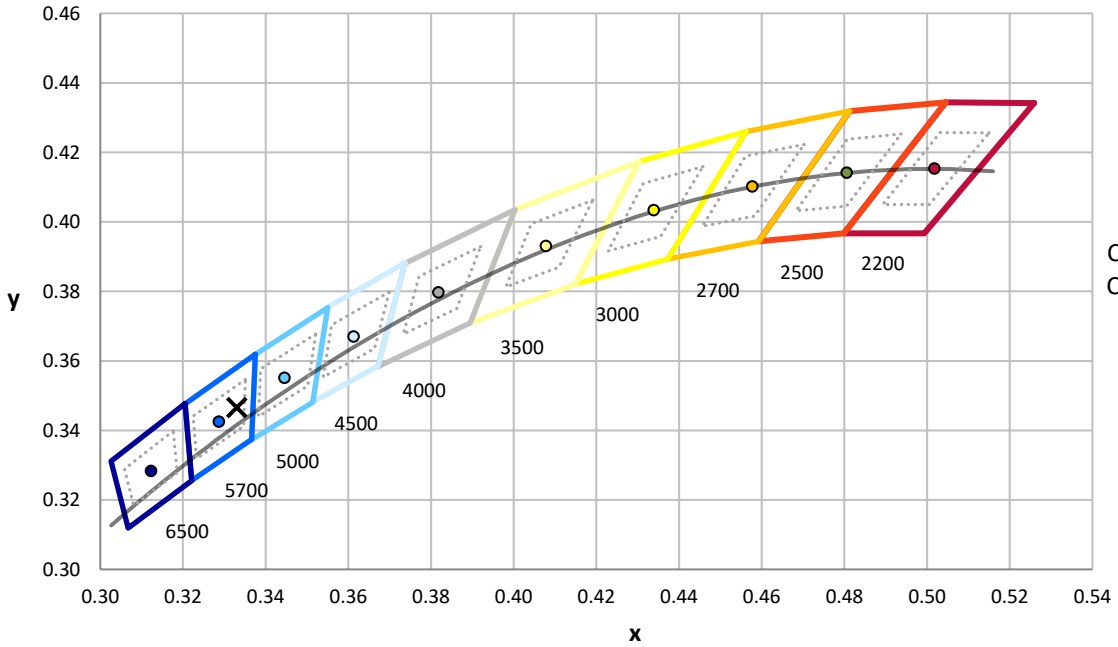
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-1908-441-9-R4

## CIE 1931 Chromaticity Diagram




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



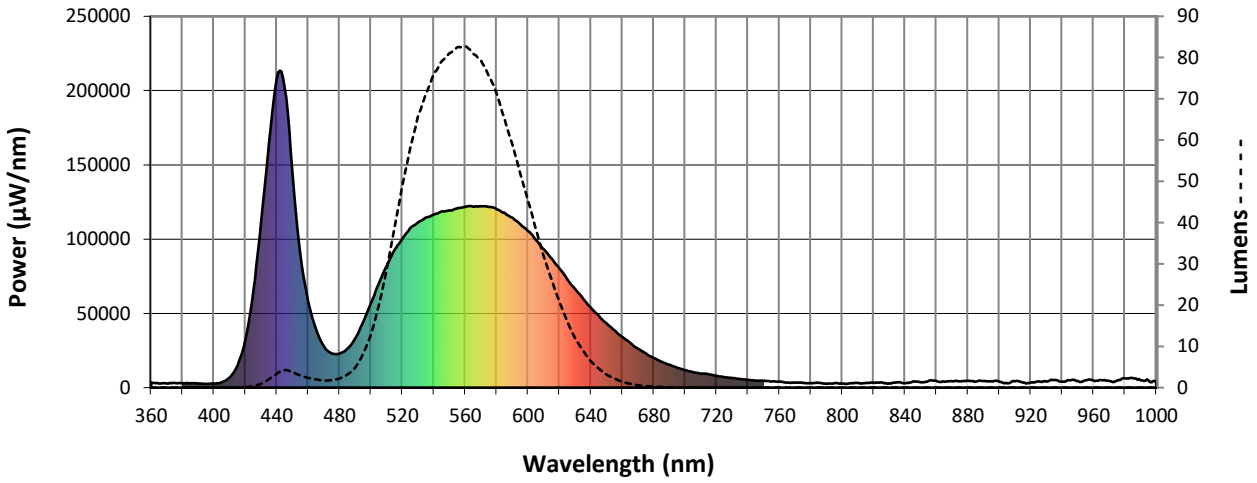

CCT = 5474K
CIE x = 0.3330
CIE y = 0.3466
Duv = 0.0025

Point lies inside the ANSI 5700K 4-step quadrangle

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

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## Photopic Flux vs. Wavelength



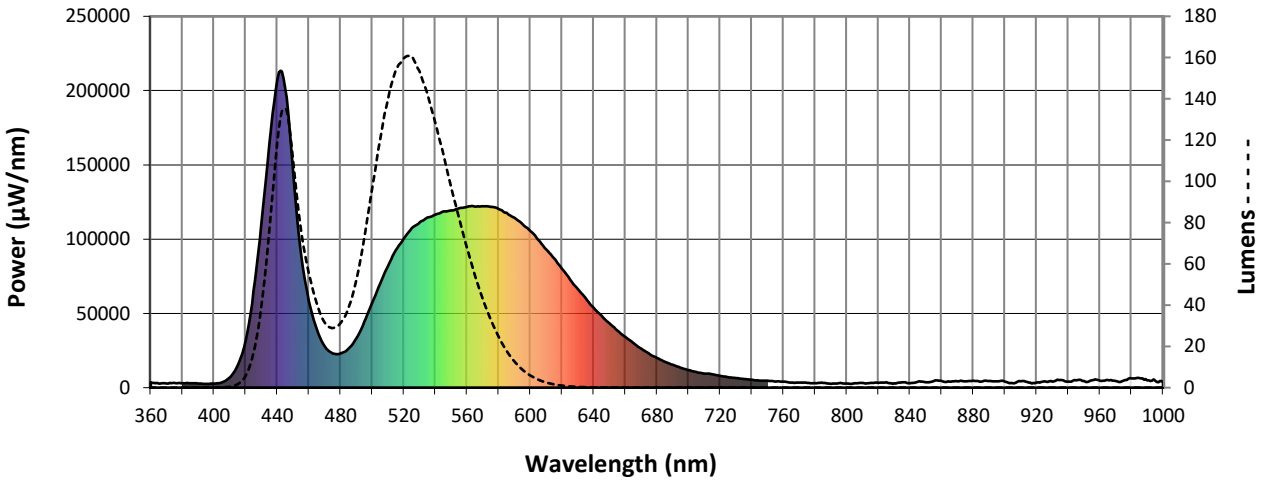

**Photopic Lumens: 7459.9**

| 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 | 3540 | 0.0 | 490 | 33363 | 4.7 | 620 | 80193 | 20.9 | 750 | 4663 | 0.0 | 880 | 4678 | 0.0 |
| 365 | 2862 | 0.0 | 495 | 44177 | 8.0 | 625 | 73091 | 16.1 | 755 | 4147 | 0.0 | 885 | 4128 | 0.0 |
| 370 | 2865 | 0.0 | 500 | 57019 | 12.6 | 630 | 66269 | 12.0 | 760 | 4040 | 0.0 | 890 | 4504 | 0.0 |
| 375 | 3254 | 0.0 | 505 | 70030 | 19.6 | 635 | 60012 | 9.0 | 765 | 3474 | 0.0 | 895 | 4371 | 0.0 |
| 380 | 3076 | 0.0 | 510 | 81972 | 28.2 | 640 | 53914 | 6.4 | 770 | 3469 | 0.0 | 900 | 4082 | 0.0 |
| 385 | 2904 | 0.0 | 515 | 92590 | 38.4 | 645 | 48385 | 4.7 | 775 | 3181 | 0.0 | 905 | 2982 | 0.0 |
| 390 | 2689 | 0.0 | 520 | 100305 | 48.6 | 650 | 43219 | 3.2 | 780 | 2969 | 0.0 | 910 | 4351 | 0.0 |
| 395 | 2619 | 0.0 | 525 | 107452 | 57.7 | 655 | 38562 | 2.2 | 785 | 3132 | 0.0 | 915 | 3365 | 0.0 |
| 400 | 2679 | 0.0 | 530 | 111373 | 65.6 | 660 | 34110 | 1.4 | 790 | 2507 | 0.0 | 920 | 3430 | 0.0 |
| 405 | 3515 | 0.0 | 535 | 114505 | 71.0 | 665 | 30085 | 1.0 | 795 | 2968 | 0.0 | 925 | 4264 | 0.0 |
| 410 | 6934 | 0.0 | 540 | 116408 | 75.8 | 670 | 26205 | 0.6 | 800 | 2758 | 0.0 | 930 | 4095 | 0.0 |
| 415 | 14943 | 0.0 | 545 | 118700 | 79.0 | 675 | 22906 | 0.4 | 805 | 2872 | 0.0 | 935 | 5048 | 0.0 |
| 420 | 31939 | 0.1 | 550 | 119209 | 81.0 | 680 | 20058 | 0.2 | 810 | 3094 | 0.0 | 940 | 4074 | 0.0 |
| 425 | 64701 | 0.3 | 555 | 120742 | 82.5 | 685 | 17413 | 0.1 | 815 | 3222 | 0.0 | 945 | 4949 | 0.0 |
| 430 | 110939 | 0.9 | 560 | 121594 | 82.6 | 690 | 15447 | 0.1 | 820 | 3238 | 0.0 | 950 | 4387 | 0.0 |
| 435 | 164597 | 1.9 | 565 | 121913 | 81.1 | 695 | 13398 | 0.1 | 825 | 3524 | 0.0 | 955 | 4978 | 0.0 |
| 440 | 207696 | 3.3 | 570 | 122147 | 79.4 | 700 | 11777 | 0.0 | 830 | 2921 | 0.0 | 960 | 4706 | 0.0 |
| 445 | 201830 | 4.2 | 575 | 121605 | 75.7 | 705 | 10412 | 0.0 | 835 | 3595 | 0.0 | 965 | 5083 | 0.0 |
| 450 | 145410 | 3.8 | 580 | 120248 | 71.5 | 710 | 9544 | 0.0 | 840 | 3016 | 0.0 | 970 | 4522 | 0.0 |
| 455 | 89594 | 3.0 | 585 | 117717 | 65.4 | 715 | 8940 | 0.0 | 845 | 4032 | 0.0 | 975 | 4740 | 0.0 |
| 460 | 58321 | 2.4 | 590 | 114359 | 59.1 | 720 | 7897 | 0.0 | 850 | 3579 | 0.0 | 980 | 6122 | 0.0 |
| 465 | 39318 | 2.0 | 595 | 109974 | 52.1 | 725 | 7045 | 0.0 | 855 | 4571 | 0.0 | 985 | 6450 | 0.0 |
| 470 | 27693 | 1.7 | 600 | 105269 | 45.4 | 730 | 6483 | 0.0 | 860 | 4485 | 0.0 | 990 | 4875 | 0.0 |
| 475 | 23081 | 1.8 | 605 | 99453 | 38.5 | 735 | 5838 | 0.0 | 865 | 3978 | 0.0 | 995 | 4764 | 0.0 |
| 480 | 23002 | 2.2 | 610 | 92921 | 31.9 | 740 | 5261 | 0.0 | 870 | 4298 | 0.0 | 1000 | 3640 | 0.0 |
| 485 | 26201 | 3.1 | 615 | 86989 | 26.3 | 745 | 4760 | 0.0 | 875 | 4356 | 0.0 | | | |

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

REPORT NUMBER: SP1-1908-441-9-R4

## Scotopic Flux vs. Wavelength



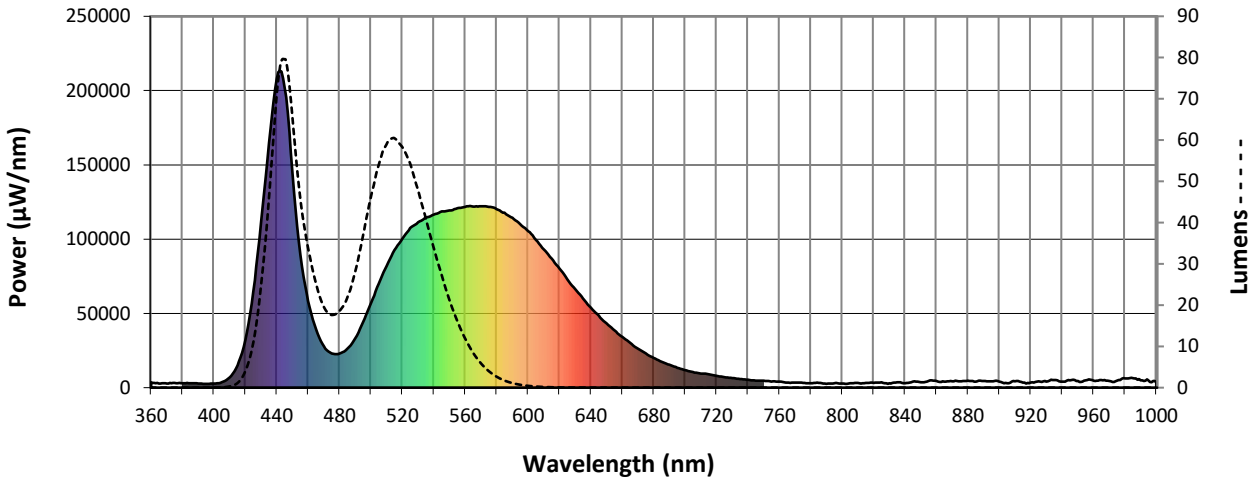

**Scotopic Lumens: 13759.3** **S/P: 1.85**

| 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 | 3540 | 0.0 | 490 | 33363 | 27.8 | 620 | 80193 | 0.1 | 750 | 4663 | 0.0 | 880 | 4678 | 0.0 |
| 365 | 2862 | 0.0 | 495 | 44177 | 36.5 | 625 | 73091 | 0.0 | 755 | 4147 | 0.0 | 885 | 4128 | 0.0 |
| 370 | 2865 | 0.0 | 500 | 57019 | 45.8 | 630 | 66269 | 0.0 | 760 | 4040 | 0.0 | 890 | 4504 | 0.0 |
| 375 | 3254 | 0.0 | 505 | 70030 | 53.7 | 635 | 60012 | 0.0 | 765 | 3474 | 0.0 | 895 | 4371 | 0.0 |
| 380 | 3076 | 0.0 | 510 | 81972 | 58.9 | 640 | 53914 | 0.0 | 770 | 3469 | 0.0 | 900 | 4082 | 0.0 |
| 385 | 2904 | 0.0 | 515 | 92590 | 60.5 | 645 | 48385 | 0.0 | 775 | 3181 | 0.0 | 905 | 2982 | 0.0 |
| 390 | 2689 | 0.0 | 520 | 100305 | 58.4 | 650 | 43219 | 0.0 | 780 | 2969 | 0.0 | 910 | 4351 | 0.0 |
| 395 | 2619 | 0.0 | 525 | 107452 | 54.5 | 655 | 38562 | 0.0 | 785 | 3132 | 0.0 | 915 | 3365 | 0.0 |
| 400 | 2679 | 0.0 | 530 | 111373 | 48.1 | 660 | 34110 | 0.0 | 790 | 2507 | 0.0 | 920 | 3430 | 0.0 |
| 405 | 3515 | 0.1 | 535 | 114505 | 41.2 | 665 | 30085 | 0.0 | 795 | 2968 | 0.0 | 925 | 4264 | 0.0 |
| 410 | 6934 | 0.3 | 540 | 116408 | 34.1 | 670 | 26205 | 0.0 | 800 | 2758 | 0.0 | 930 | 4095 | 0.0 |
| 415 | 14943 | 1.0 | 545 | 118700 | 27.6 | 675 | 22906 | 0.0 | 805 | 2872 | 0.0 | 935 | 5048 | 0.0 |
| 420 | 31939 | 3.6 | 550 | 119209 | 21.4 | 680 | 20058 | 0.0 | 810 | 3094 | 0.0 | 940 | 4074 | 0.0 |
| 425 | 64701 | 10.1 | 555 | 120742 | 16.3 | 685 | 17413 | 0.0 | 815 | 3222 | 0.0 | 945 | 4949 | 0.0 |
| 430 | 110939 | 23.4 | 560 | 121594 | 12.0 | 690 | 15447 | 0.0 | 820 | 3238 | 0.0 | 950 | 4387 | 0.0 |
| 435 | 164597 | 43.9 | 565 | 121913 | 8.6 | 695 | 13398 | 0.0 | 825 | 3524 | 0.0 | 955 | 4978 | 0.0 |
| 440 | 207696 | 69.4 | 570 | 122147 | 6.0 | 700 | 11777 | 0.0 | 830 | 2921 | 0.0 | 960 | 4706 | 0.0 |
| 445 | 201830 | 79.6 | 575 | 121605 | 4.0 | 705 | 10412 | 0.0 | 835 | 3595 | 0.0 | 965 | 5083 | 0.0 |
| 450 | 145410 | 67.0 | 580 | 120248 | 2.7 | 710 | 9544 | 0.0 | 840 | 3016 | 0.0 | 970 | 4522 | 0.0 |
| 455 | 89594 | 46.9 | 585 | 117717 | 1.7 | 715 | 8940 | 0.0 | 845 | 4032 | 0.0 | 975 | 4740 | 0.0 |
| 460 | 58321 | 34.4 | 590 | 114359 | 1.1 | 720 | 7897 | 0.0 | 850 | 3579 | 0.0 | 980 | 6122 | 0.0 |
| 465 | 39318 | 25.7 | 595 | 109974 | 0.7 | 725 | 7045 | 0.0 | 855 | 4571 | 0.0 | 985 | 6450 | 0.0 |
| 470 | 27693 | 19.8 | 600 | 105269 | 0.4 | 730 | 6483 | 0.0 | 860 | 4485 | 0.0 | 990 | 4875 | 0.0 |
| 475 | 23081 | 17.6 | 605 | 99453 | 0.3 | 735 | 5838 | 0.0 | 865 | 3978 | 0.0 | 995 | 4764 | 0.0 |
| 480 | 23002 | 18.5 | 610 | 92921 | 0.2 | 740 | 5261 | 0.0 | 870 | 4298 | 0.0 | 1000 | 3640 | 0.0 |
| 485 | 26201 | 21.6 | 615 | 86989 | 0.1 | 745 | 4760 | 0.0 | 875 | 4356 | 0.0 | | | |

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

REPORT NUMBER: SP1-1908-441-9-R4

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: 5527.6** **M/P: 0.74**

| 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 | 3540 | 0.0 | 490 | 33363 | 51.4 | 620 | 80193 | 1.0 | 750 | 4663 | 0.0 | 880 | 4678 | 0.0 |
| 365 | 2862 | 0.0 | 495 | 44177 | 71.4 | 625 | 73091 | 0.6 | 755 | 4147 | 0.0 | 885 | 4128 | 0.0 |
| 370 | 2865 | 0.0 | 500 | 57019 | 95.4 | 630 | 66269 | 0.4 | 760 | 4040 | 0.0 | 890 | 4504 | 0.0 |
| 375 | 3254 | 0.0 | 505 | 70030 | 119.1 | 635 | 60012 | 0.2 | 765 | 3474 | 0.0 | 895 | 4371 | 0.0 |
| 380 | 3076 | 0.0 | 510 | 81972 | 138.9 | 640 | 53914 | 0.1 | 770 | 3469 | 0.0 | 900 | 4082 | 0.0 |
| 385 | 2904 | 0.0 | 515 | 92590 | 153.5 | 645 | 48385 | 0.1 | 775 | 3181 | 0.0 | 905 | 2982 | 0.0 |
| 390 | 2689 | 0.0 | 520 | 100305 | 159.4 | 650 | 43219 | 0.0 | 780 | 2969 | 0.0 | 910 | 4351 | 0.0 |
| 395 | 2619 | 0.0 | 525 | 107452 | 160.7 | 655 | 38562 | 0.0 | 785 | 3132 | 0.0 | 915 | 3365 | 0.0 |
| 400 | 2679 | 0.0 | 530 | 111373 | 153.5 | 660 | 34110 | 0.0 | 790 | 2507 | 0.0 | 920 | 3430 | 0.0 |
| 405 | 3515 | 0.1 | 535 | 114505 | 142.7 | 665 | 30085 | 0.0 | 795 | 2968 | 0.0 | 925 | 4264 | 0.0 |
| 410 | 6934 | 0.4 | 540 | 116408 | 128.6 | 670 | 26205 | 0.0 | 800 | 2758 | 0.0 | 930 | 4095 | 0.0 |
| 415 | 14943 | 1.5 | 545 | 118700 | 113.8 | 675 | 22906 | 0.0 | 805 | 2872 | 0.0 | 935 | 5048 | 0.0 |
| 420 | 31939 | 5.3 | 550 | 119209 | 97.5 | 680 | 20058 | 0.0 | 810 | 3094 | 0.0 | 940 | 4074 | 0.0 |
| 425 | 64701 | 15.8 | 555 | 120742 | 82.5 | 685 | 17413 | 0.0 | 815 | 3222 | 0.0 | 945 | 4949 | 0.0 |
| 430 | 110939 | 37.8 | 560 | 121594 | 68.0 | 690 | 15447 | 0.0 | 820 | 3238 | 0.0 | 950 | 4387 | 0.0 |
| 435 | 164597 | 73.6 | 565 | 121913 | 54.7 | 695 | 13398 | 0.0 | 825 | 3524 | 0.0 | 955 | 4978 | 0.0 |
| 440 | 207696 | 116.1 | 570 | 122147 | 43.1 | 700 | 11777 | 0.0 | 830 | 2921 | 0.0 | 960 | 4706 | 0.0 |
| 445 | 201830 | 135.1 | 575 | 121605 | 33.1 | 705 | 10412 | 0.0 | 835 | 3595 | 0.0 | 965 | 5083 | 0.0 |
| 450 | 145410 | 112.7 | 580 | 120248 | 24.8 | 710 | 9544 | 0.0 | 840 | 3016 | 0.0 | 970 | 4522 | 0.0 |
| 455 | 89594 | 78.3 | 585 | 117717 | 18.0 | 715 | 8940 | 0.0 | 845 | 4032 | 0.0 | 975 | 4740 | 0.0 |
| 460 | 58321 | 56.3 | 590 | 114359 | 12.7 | 720 | 7897 | 0.0 | 850 | 3579 | 0.0 | 980 | 6122 | 0.0 |
| 465 | 39318 | 41.5 | 595 | 109974 | 8.8 | 725 | 7045 | 0.0 | 855 | 4571 | 0.0 | 985 | 6450 | 0.0 |
| 470 | 27693 | 31.9 | 600 | 105269 | 5.9 | 730 | 6483 | 0.0 | 860 | 4485 | 0.0 | 990 | 4875 | 0.0 |
| 475 | 23081 | 28.9 | 605 | 99453 | 3.9 | 735 | 5838 | 0.0 | 865 | 3978 | 0.0 | 995 | 4764 | 0.0 |
| 480 | 23002 | 31.1 | 610 | 92921 | 2.5 | 740 | 5261 | 0.0 | 870 | 4298 | 0.0 | 1000 | 3640 | 0.0 |
| 485 | 26201 | 38.0 | 615 | 86989 | 1.6 | 745 | 4760 | 0.0 | 875 | 4356 | 0.0 | | | |

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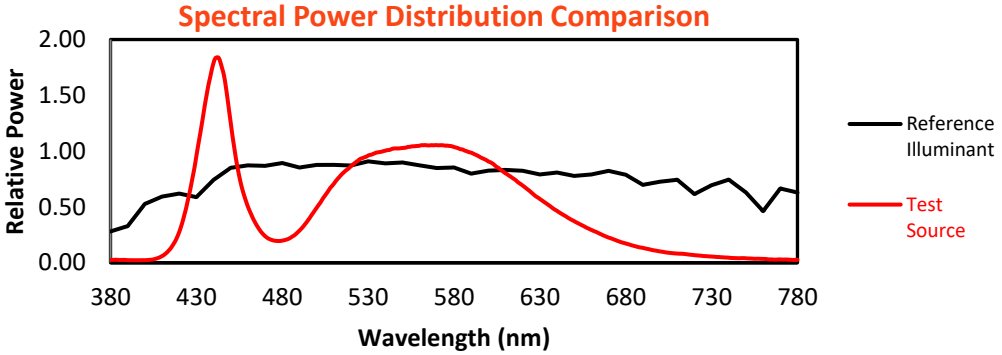
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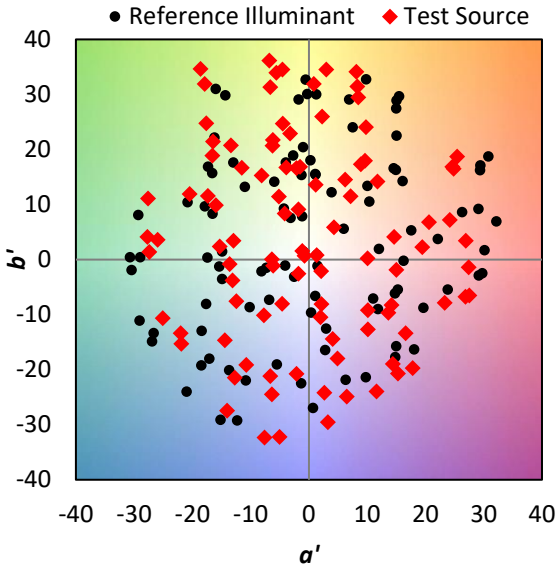
## Summary

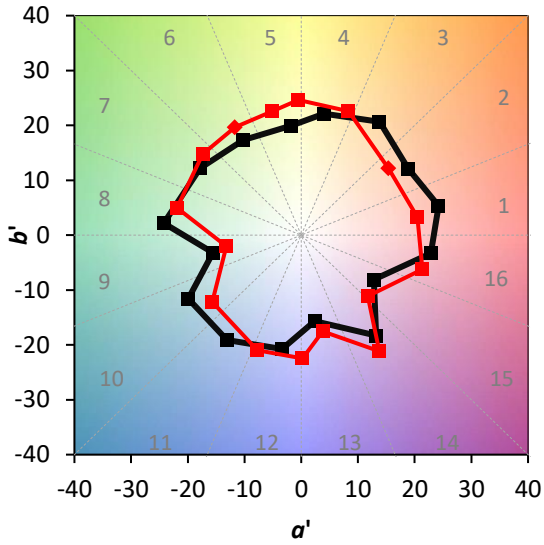
$R_f$ = 72.1
$R_g$ = 97.2
CIE $R_a$ = 71.7
$R_9$ = -27.1

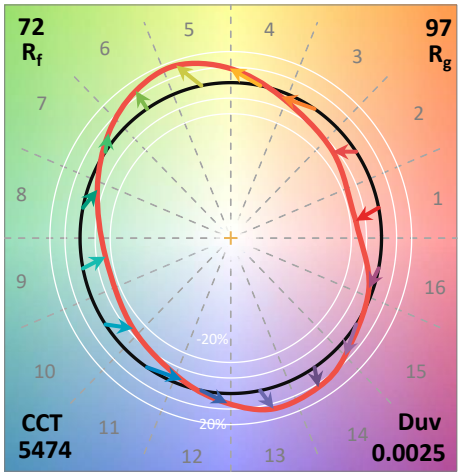
## Spectral Power Distribution Comparison

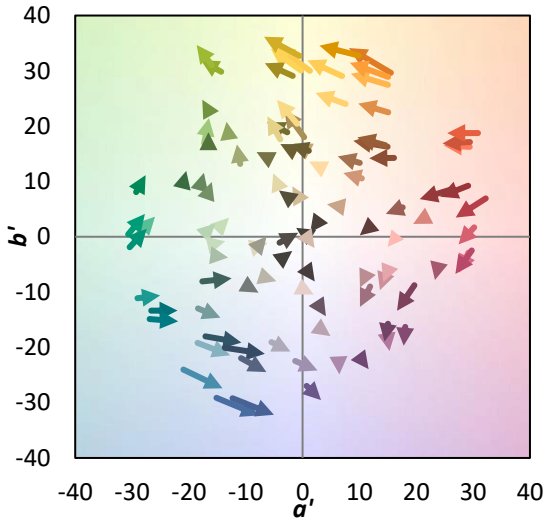



## Color Vector Graphics



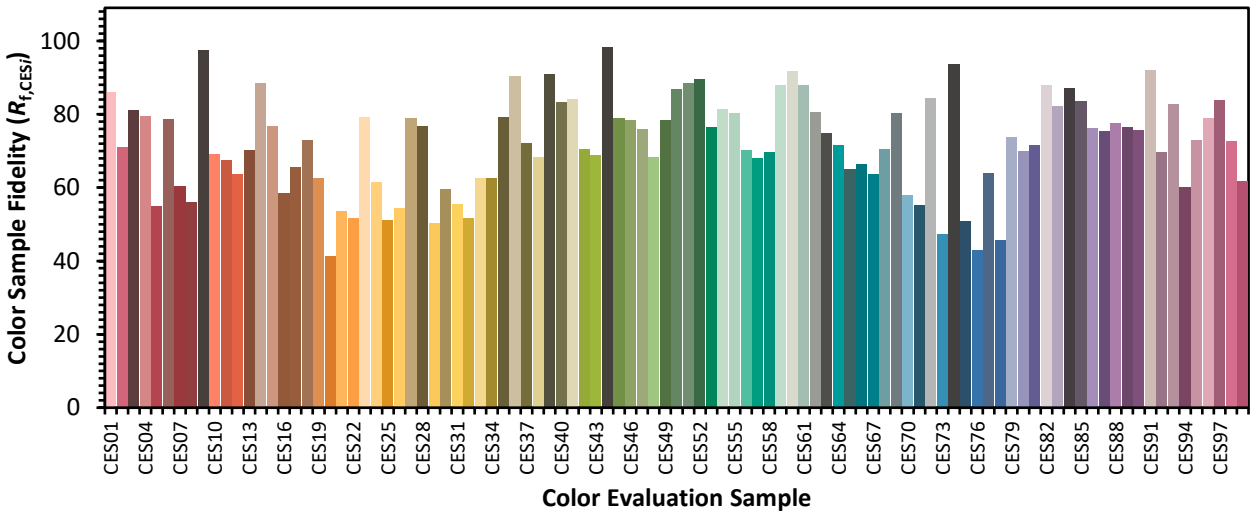
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Peachtree City, GA 30269

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

| | | | |
|---|---|---|---|
| CES01 = 85 | CES26 = 54 | CES51 = 88 | CES76 = 43 |
| CES02 = 59 | CES27 = 79 | CES52 = 90 | CES77 = 64 |
| CES03 = 30 | CES28 = 77 | CES53 = 77 | CES78 = 46 |
| CES04 = 69 | CES29 = 50 | CES54 = 81 | CES79 = 74 |
| CES05 = 46 | CES30 = 59 | CES55 = 80 | CES80 = 70 |
| CES06 = 50 | CES31 = 55 | CES56 = 70 | CES81 = 71 |
| CES07 = 38 | CES32 = 52 | CES57 = 68 | CES82 = 88 |
| CES08 = 38 | CES33 = 63 | CES58 = 70 | CES83 = 82 |
| CES09 = 29 | CES34 = 63 | CES59 = 88 | CES84 = 87 |
| CES10 = 72 | CES35 = 79 | CES60 = 92 | CES85 = 84 |
| CES11 = 55 | CES36 = 90 | CES61 = 88 | CES86 = 76 |
| CES12 = 61 | CES37 = 72 | CES62 = 81 | CES87 = 75 |
| CES13 = 41 | CES38 = 68 | CES63 = 75 | CES88 = 77 |
| CES14 = 74 | CES39 = 91 | CES64 = 72 | CES89 = 76 |
| CES15 = 70 | CES40 = 83 | CES65 = 65 | CES90 = 76 |
| CES16 = 46 | CES41 = 84 | CES66 = 66 | CES91 = 92 |
| CES17 = 48 | CES42 = 70 | CES67 = 64 | CES92 = 70 |
| CES18 = 55 | CES43 = 69 | CES68 = 71 | CES93 = 83 |
| CES19 = 70 | CES44 = 98 | CES69 = 80 | CES94 = 60 |
| CES20 = 64 | CES45 = 79 | CES70 = 58 | CES95 = 73 |
| CES21 = 85 | CES46 = 78 | CES71 = 55 | CES96 = 79 |
| CES22 = 77 | CES47 = 76 | CES72 = 84 | CES97 = 84 |
| CES23 = 91 | CES48 = 68 | CES73 = 47 | CES98 = 73 |
| CES24 = 90 | CES49 = 78 | CES74 = 94 | CES99 = 62 |
| CES25 = 71 | CES50 = 87 | CES75 = 51 | |

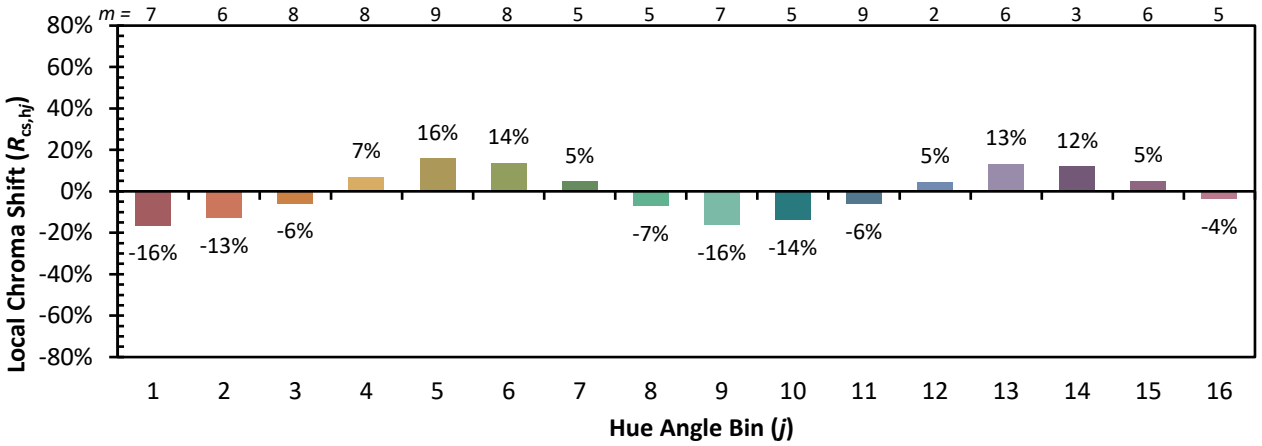


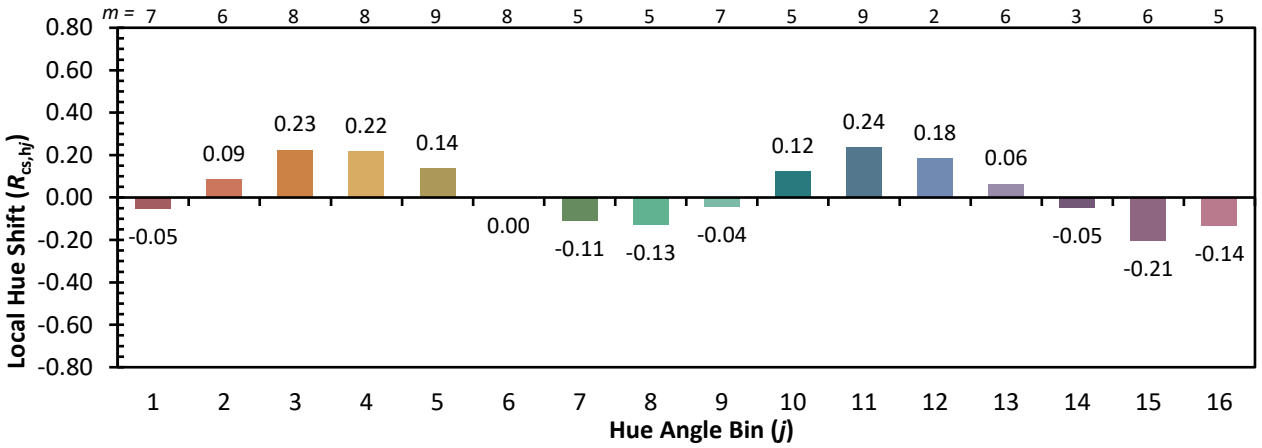
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Peachtree City, GA 30269

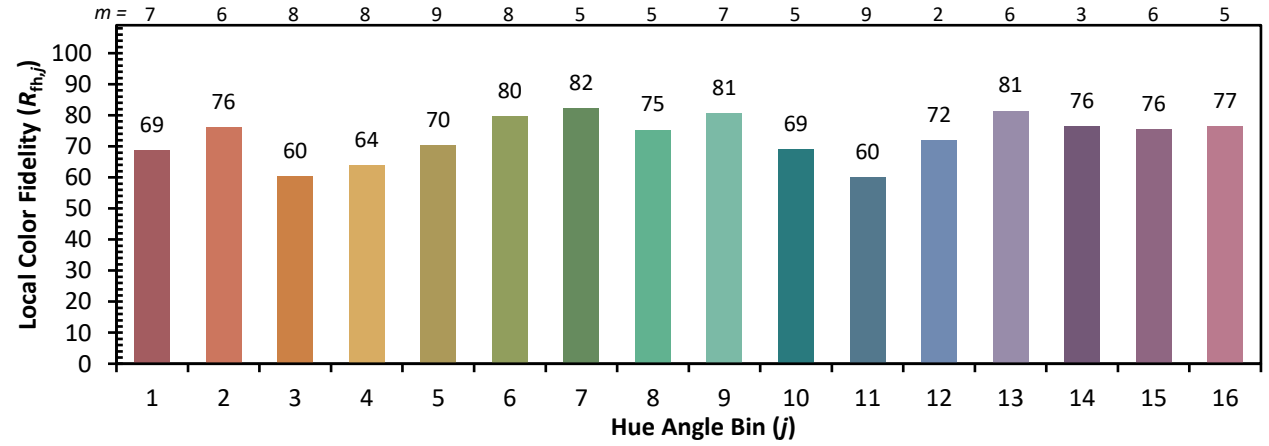
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## Color Rendition by Hue-Angle Bin



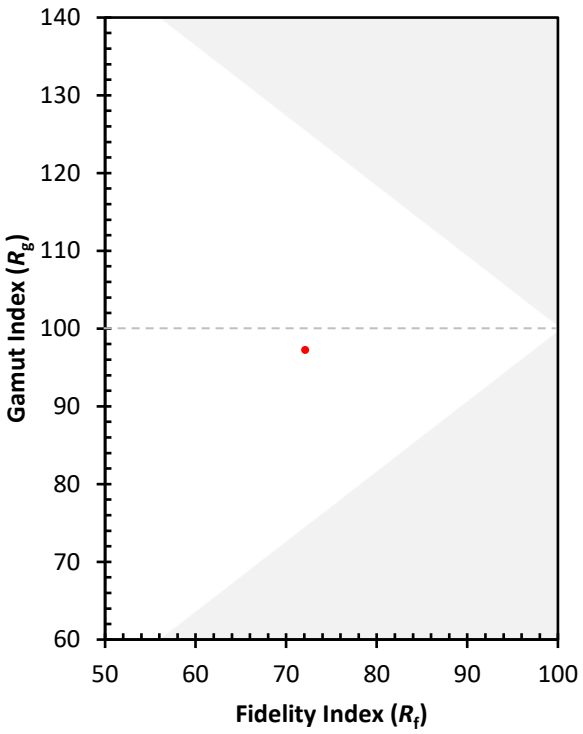



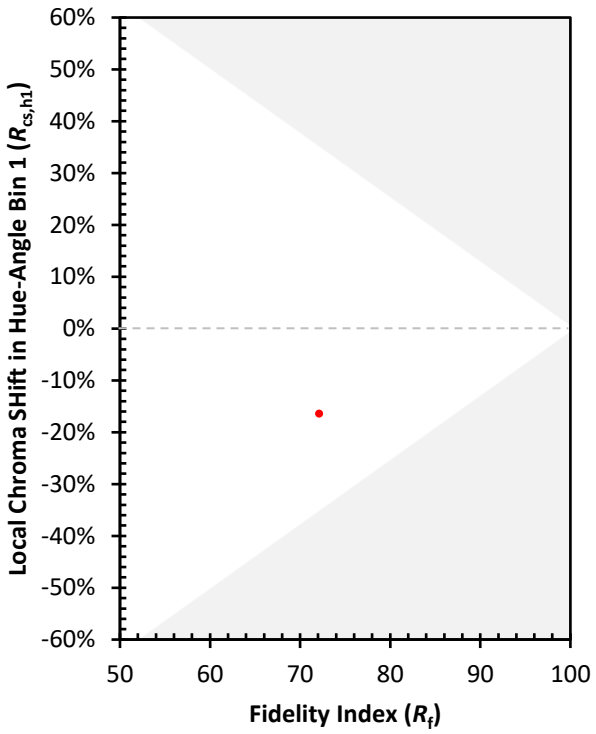
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### Measure Comparisons




(END OF REPORT)