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: P1365219

Luminaire Tested: **GSS-SB6A-930-U-SLL**

Issue Date: 02/18/2026

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

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1365219 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB6A-930-U-SLL |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 170W 90CRI 3000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC |
| Light Source: | (156) 3000K CCT, 90 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

Luminaire Equipment:

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

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 17256.5 lumens |
| Efficiency: | N/A |
| Efficacy: | 101.5 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B3 - U0 - G3 |

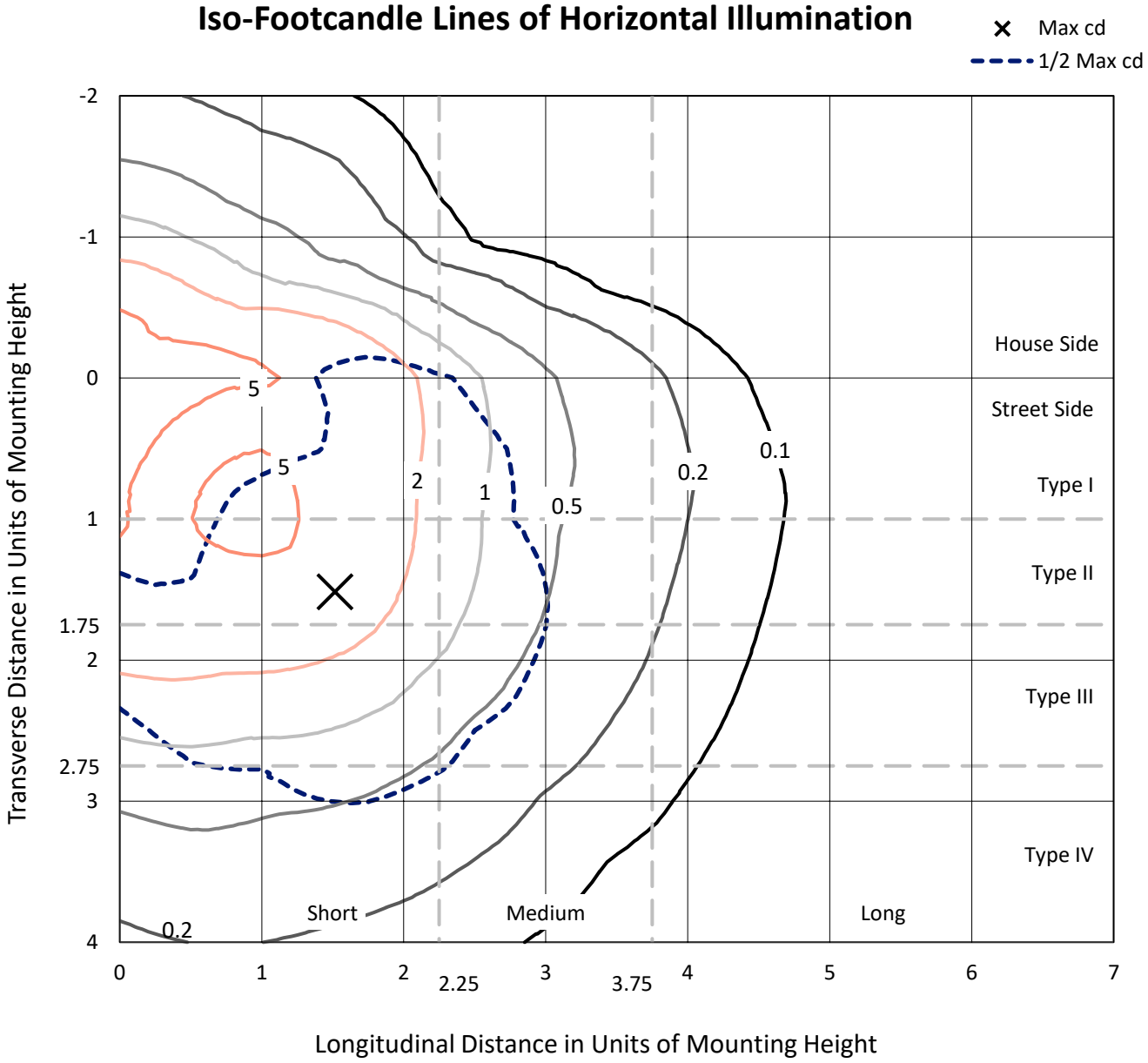
| | |
|---|---|
| Input Watts (W): | 170 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | 12.0% |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



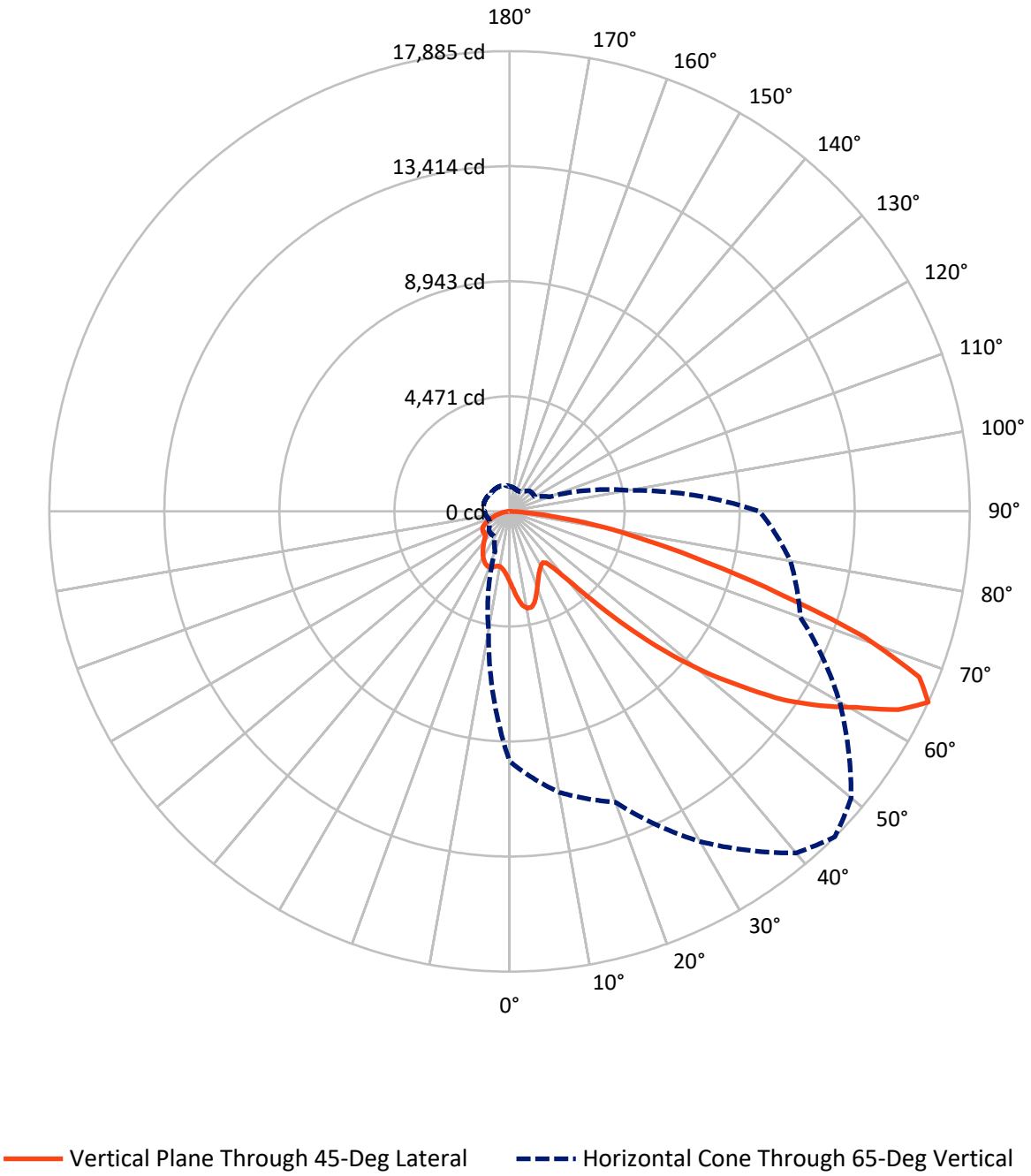

Based on 20 foot mounting height. Maximum calculated value = 9.1 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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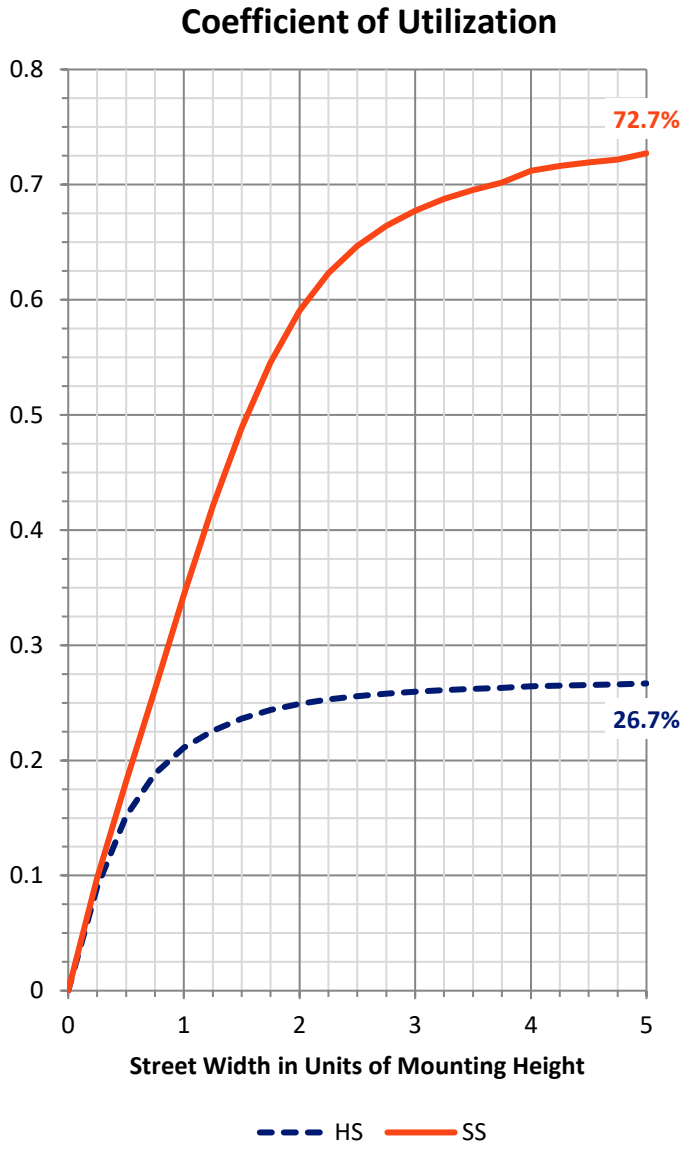
REPORT NUMBER: P1365219
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 4642.4 | 0.0 | 4642.4 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 12614.1 | 0.0 | 12614.1 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 17256.5 | 0.0 | 17256.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 271.7 | 1.6 |
| 10°-20° | 832.6 | 4.8 |
| 20°-30° | 1288.6 | 7.5 |
| 30°-40° | 1598.7 | 9.3 |
| 40°-50° | 2337.9 | 13.5 |
| 50°-60° | 3662.0 | 21.2 |
| 60°-70° | 4345.2 | 25.2 |
| 70°-80° | 2534.3 | 14.7 |
| 80°-90° | 385.5 | 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° | 17256.5 | 100.0 |
| 0°-180° | 17256.5 | 100.0 |



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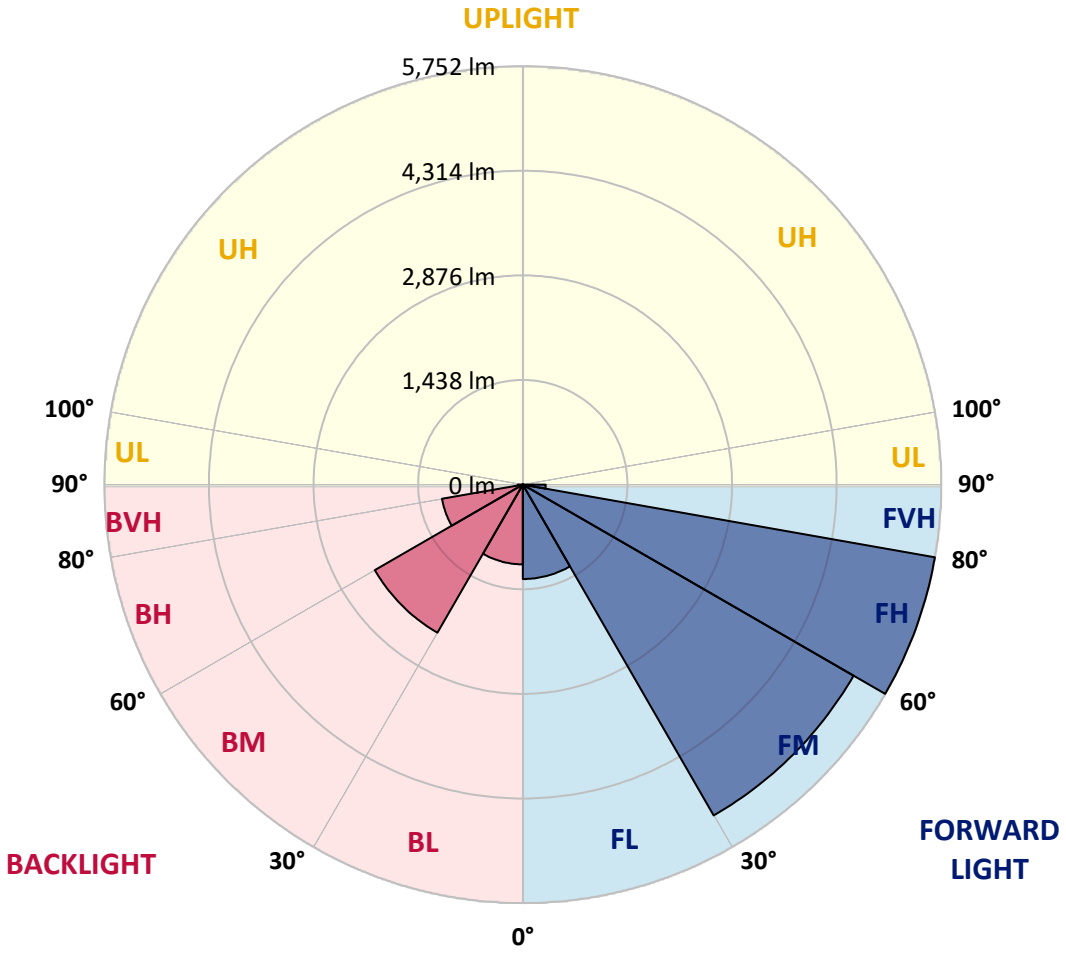
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1297.0 | 7.5 | | | |
| FM | (30°-60°) | 5249.8 | 30.4 | | | |
| FH | (60°-80°) | 5752.0 | 33.3 | | | G3/7500 |
| FVH | (80°-90°) | 315.3 | 1.8 | | | G3/500 |
| BL | (0°-30°) | 1095.9 | 6.4 | B3/2500 | | |
| BM | (30°-60°) | 2348.8 | 13.6 | B2/2500 | | |
| BH | (60°-80°) | 1127.4 | 6.5 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 70.2 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B3-U0-G3**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | *2751.6* | 2751.6 |
| 2.5° | 2973.1 | 2983.7 | 2994.2 | 3005.6 | 3017.5 | 3024.2 | 3031.0 | 3038.1 | 3044.9 | *3051.2* | 3044.9 |
| 5° | 3175.7 | 3223.4 | 3270.7 | 3302.7 | 3334.8 | 3359.3 | 3383.8 | 3397.7 | 3412.0 | *3414.2* | 3412.0 |
| 7.5° | 3380.4 | 3436.9 | 3493.5 | 3542.4 | 3591.4 | 3622.6 | 3653.9 | 3672.0 | 3690.6 | *3696.9* | 3690.6 |
| 10° | 3509.1 | 3575.4 | 3642.0 | 3689.3 | 3737.0 | 3766.1 | 3794.8 | 3809.2 | 3823.5 | *3827.7* | 3823.5 |
| 12.5° | 3574.5 | 3638.2 | 3702.0 | 3738.7 | 3775.0 | 3793.6 | 3811.7 | 3818.5 | 3824.4 | *3819.3* | 3824.4 |
| 15° | 3606.2 | 3643.7 | 3680.9 | 3696.5 | 3711.7 | 3702.8 | 3693.5 | 3680.5 | 3667.4 | *3658.9* | 3667.4 |
| 17.5° | 3614.6 | 3627.7 | 3641.2 | 3612.9 | 3585.1 | 3534.4 | 3483.8 | 3445.8 | 3407.8 | *3380.4* | 3407.8 |
| 20° | 3642.0 | 3620.9 | 3599.8 | 3524.7 | 3450.0 | 3355.1 | 3260.1 | 3196.4 | 3132.2 | *3093.4* | 3132.2 |
| 22.5° | 3671.6 | 3612.1 | 3552.6 | 3426.4 | 3300.2 | 3170.2 | 3040.7 | 2967.2 | 2894.2 | *2852.9* | 2894.2 |
| 25° | 3718.0 | 3615.9 | 3513.3 | 3342.8 | 3172.8 | 3020.0 | 2867.6 | 2787.9 | 2708.5 | *2663.0* | 2708.5 |
| 27.5° | 3785.5 | 3629.4 | 3473.2 | 3262.2 | 3051.2 | 2885.8 | 2719.9 | 2644.0 | 2568.0 | *2527.9* | 2568.0 |
| 30° | 3880.5 | 3673.3 | 3465.6 | 3213.3 | 2960.5 | 2787.5 | 2614.4 | 2540.1 | 2465.5 | *2422.4* | 2465.5 |
| 32.5° | 3996.5 | 3734.9 | 3473.2 | 3190.5 | 2907.7 | 2731.3 | 2555.3 | 2484.0 | 2413.1 | *2376.0* | 2413.1 |
| 35° | 4192.8 | 3861.5 | 3530.2 | 3216.6 | 2903.5 | 2739.8 | 2576.4 | 2524.1 | 2472.2 | *2451.9* | 2472.2 |
| 37.5° | 4441.8 | 4054.8 | 3667.4 | 3344.5 | 3021.7 | 2910.3 | 2798.8 | 2798.8 | 2798.8 | *2814.9* | 2798.8 |
| 40° | 4808.9 | 4374.3 | 3939.6 | 3634.0 | 3328.9 | 3322.2 | 3316.2 | 3387.1 | 3458.5 | *3490.1* | 3458.5 |
| 42.5° | 5323.8 | 4864.2 | 4405.1 | 4158.6 | 3912.1 | 4059.8 | 4207.6 | 4412.7 | 4617.8 | *4752.0* | 4617.8 |
| 45° | 5963.2 | 5515.8 | 5068.5 | 4896.3 | 4724.5 | 5053.3 | 5381.6 | 5744.1 | 6106.7 | *6364.1* | 6106.7 |
| 47.5° | 6575.1 | 6198.7 | 5821.8 | 5723.5 | 5625.5 | 6172.1 | 6718.6 | 7249.9 | 7781.2 | *8094.4* | 7781.2 |
| 50° | 7284.1 | 6945.6 | 6606.7 | 6587.8 | 6568.8 | 7296.8 | 8024.7 | 8710.5 | 9396.3 | *9778.2* | 9396.3 |
| 52.5° | 8193.5 | 7821.7 | 7449.5 | 7464.7 | 7479.1 | 8343.8 | 9208.5 | 10037.8 | 10867.1 | *11297.5* | 10867.1 |
| 55° | 9280.3 | 8813.9 | 8347.6 | 8345.1 | 8342.5 | 9336.0 | 10330.2 | 11349.0 | 12368.6 | *12943.4* | 12368.6 |
| 57.5° | 10388.1 | 9951.3 | 9514.5 | 9410.7 | 9306.4 | 10345.4 | 11384.0 | 12509.1 | 13634.7 | *14239.0* | 13634.7 |
| 60° | 11219.4 | 10978.9 | 10738.3 | 10572.1 | 10406.2 | 11473.1 | 12540.4 | 13702.6 | 14864.4 | *15467.1* | 14864.4 |
| 62.5° | 10875.5 | 11305.5 | 11735.6 | 11723.3 | 11711.1 | 12862.8 | 14014.5 | 15223.2 | 16432.7 | *16973.7* | 16432.7 |
| 65° | *9714.9* | *10400.7* | *11086.5* | *11558.3* | *12029.7* | *13422.0* | *14813.8* | *16073.1* | *17332.4* | *17885.3* | *17332.4* |
| 67.5° | 8626.1 | 9230.5 | 9835.2 | 10221.4 | 10607.5 | 12176.2 | 13745.2 | 15174.2 | 16603.2 | *17172.1* | 16603.2 |
| 70° | 7583.7 | 8253.1 | 8922.4 | 9198.4 | 9474.4 | 10807.1 | 12139.5 | 13270.0 | 14400.2 | *14623.0* | 14400.2 |
| 72.5° | 6509.7 | 7305.6 | 8102.0 | 8218.9 | 8335.8 | 9305.6 | 10275.4 | 10877.6 | 11479.8 | *10993.7* | 11479.8 |
| 75° | 5330.1 | 6228.2 | 7125.8 | 7203.9 | 7282.0 | 7584.2 | 7886.7 | 8039.9 | 8193.5 | *7917.1* | 8193.5 |
| 77.5° | 3545.0 | 4322.3 | 5100.1 | 5275.3 | 5450.4 | 5651.7 | 5853.4 | 5842.9 | 5832.3 | *5444.1* | 5832.3 |
| 80° | 2080.6 | 2688.7 | 3296.8 | 3319.6 | 3342.4 | 3493.5 | 3644.2 | 3798.2 | 3952.2 | *3705.3* | 3952.2 |
| 82.5° | 1040.3 | 1374.1 | 1708.3 | 1759.8 | 1811.3 | 1903.7 | 1996.2 | 2039.2 | 2082.7 | *1873.8* | 2082.7 |
| 85° | 236.3 | 323.3 | 410.2 | 494.2 | 578.2 | 675.2 | 772.3 | 761.3 | 750.4 | *633.0* | 750.4 |
| 87.5° | 19.0 | 19.4 | 20.3 | 20.7 | 21.1 | 21.5 | 21.9 | 23.2 | 24.5 | *25.3* | 24.5 |
| 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° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 |
| 2.5° | 3038.1 | 3031.0 | 3024.2 | 3017.5 | 3005.6 | 2994.2 | 2983.7 | 2973.1 | 2946.1 | 2919.5 | 2895.1 |
| 5° | 3397.7 | 3383.8 | 3359.3 | 3334.8 | 3302.7 | 3270.7 | 3223.4 | 3175.7 | 3128.0 | 3080.8 | 3031.0 |
| 7.5° | 3672.0 | 3653.9 | 3622.6 | 3591.4 | 3542.4 | 3493.5 | 3436.9 | 3380.4 | 3300.2 | 3220.0 | 3144.5 |
| 10° | 3809.2 | 3794.8 | 3766.1 | 3737.0 | 3689.3 | 3642.0 | 3575.4 | 3509.1 | 3413.3 | 3317.1 | 3223.4 |
| 12.5° | 3818.5 | 3811.7 | 3793.6 | 3775.0 | 3738.7 | 3702.0 | 3638.2 | 3574.5 | 3479.1 | 3383.8 | 3278.7 |
| 15° | 3680.5 | 3693.5 | 3702.8 | 3711.7 | 3696.5 | 3680.9 | 3643.7 | 3606.2 | 3509.5 | 3413.3 | 3306.5 |
| 17.5° | 3445.8 | 3483.8 | 3534.4 | 3585.1 | 3612.9 | 3641.2 | 3627.7 | 3614.6 | 3524.3 | 3434.4 | 3320.5 |
| 20° | 3196.4 | 3260.1 | 3355.1 | 3450.0 | 3524.7 | 3599.8 | 3620.9 | 3642.0 | 3550.9 | 3459.7 | 3337.3 |
| 22.5° | 2967.2 | 3040.7 | 3170.2 | 3300.2 | 3426.4 | 3552.6 | 3612.1 | 3671.6 | 3588.0 | 3504.9 | 3370.3 |
| 25° | 2787.9 | 2867.6 | 3020.0 | 3172.8 | 3342.8 | 3513.3 | 3615.9 | 3718.0 | 3645.8 | 3573.7 | 3426.8 |
| 27.5° | 2644.0 | 2719.9 | 2885.8 | 3051.2 | 3262.2 | 3473.2 | 3629.4 | 3785.5 | 3730.2 | 3675.0 | 3509.5 |
| 30° | 2540.1 | 2614.4 | 2787.5 | 2960.5 | 3213.3 | 3465.6 | 3673.3 | 3880.5 | 3837.0 | 3794.0 | 3607.4 |
| 32.5° | 2484.0 | 2555.3 | 2731.3 | 2907.7 | 3190.5 | 3473.2 | 3734.9 | 3996.5 | 3969.5 | 3942.5 | 3722.7 |
| 35° | 2524.1 | 2576.4 | 2739.8 | 2903.5 | 3216.6 | 3530.2 | 3861.5 | 4192.8 | 4159.0 | 4125.3 | 3845.0 |
| 37.5° | 2798.8 | 2798.8 | 2910.3 | 3021.7 | 3344.5 | 3667.4 | 4054.8 | 4441.8 | 4401.7 | 4361.6 | 3994.4 |
| 40° | 3387.1 | 3316.2 | 3322.2 | 3328.9 | 3634.0 | 3939.6 | 4374.3 | 4808.9 | 4730.0 | 4650.7 | 4165.4 |
| 42.5° | 4412.7 | 4207.6 | 4059.8 | 3912.1 | 4158.6 | 4405.1 | 4864.2 | 5323.8 | 5156.7 | 4989.1 | 4354.4 |
| 45° | 5744.1 | 5381.6 | 5053.3 | 4724.5 | 4896.3 | 5068.5 | 5515.8 | 5963.2 | 5695.2 | 5427.2 | 4611.0 |
| 47.5° | 7249.9 | 6718.6 | 6172.1 | 5625.5 | 5723.5 | 5821.8 | 6198.7 | 6575.1 | 6235.8 | 5896.5 | 4874.8 |
| 50° | 8710.5 | 8024.7 | 7296.8 | 6568.8 | 6587.8 | 6606.7 | 6945.6 | 7284.1 | 6824.1 | 6364.1 | 5104.8 |
| 52.5° | 10037.8 | 9208.5 | 8343.8 | 7479.1 | 7464.7 | 7449.5 | 7821.7 | 8193.5 | 7463.0 | 6732.1 | 5213.7 |
| 55° | 11349.0 | 10330.2 | 9336.0 | 8342.5 | 8345.1 | 8347.6 | 8813.9 | 9280.3 | 8104.9 | 6929.6 | 5185.0 |
| 57.5° | 12509.1 | 11384.0 | 10345.4 | 9306.4 | 9410.7 | 9514.5 | 9951.3 | 10388.1 | 8643.8 | 6900.1 | 5028.4 |
| 60° | 13702.6 | 12540.4 | 11473.1 | 10406.2 | 10572.1 | 10738.3 | 10978.9 | 11219.4 | 8885.2 | 6550.6 | 4653.2 |
| 62.5° | 15223.2 | 14014.5 | 12862.8 | 11711.1 | 11723.3 | 11735.6 | 11305.5 | 10875.5 | 8349.7 | 5823.9 | 4038.3 |
| 65° | *16073.1* | *14813.8* | *13422.0* | *12029.7* | *11558.3* | *11086.5* | *10400.7* | *9714.9* | *7201.8* | *4688.7* | *3167.7* |
| 67.5° | 15174.2 | 13745.2 | 12176.2 | 10607.5 | 10221.4 | 9835.2 | 9230.5 | 8626.1 | 6185.1 | 3744.2 | 2465.0 |
| 70° | 13270.0 | 12139.5 | 10807.1 | 9474.4 | 9198.4 | 8922.4 | 8253.1 | 7583.7 | 5254.6 | 2925.5 | 1889.0 |
| 72.5° | 10877.6 | 10275.4 | 9305.6 | 8335.8 | 8218.9 | 8102.0 | 7305.6 | 6509.7 | 4363.3 | 2216.5 | 1420.1 |
| 75° | 8039.9 | 7886.7 | 7584.2 | 7282.0 | 7203.9 | 7125.8 | 6228.2 | 5330.1 | 3483.8 | 1637.4 | 1052.5 |
| 77.5° | 5842.9 | 5853.4 | 5651.7 | 5450.4 | 5275.3 | 5100.1 | 4322.3 | 3545.0 | 2285.7 | 1026.4 | 680.3 |
| 80° | 3798.2 | 3644.2 | 3493.5 | 3342.4 | 3319.6 | 3296.8 | 2688.7 | 2080.6 | 1310.4 | 540.2 | 376.0 |
| 82.5° | 2039.2 | 1996.2 | 1903.7 | 1811.3 | 1759.8 | 1708.3 | 1374.1 | 1040.3 | 656.7 | 273.5 | 202.1 |
| 85° | 761.3 | 772.3 | 675.2 | 578.2 | 494.2 | 410.2 | 323.3 | 236.3 | 156.1 | 76.0 | 64.1 |
| 87.5° | 23.2 | 21.9 | 21.5 | 21.1 | 20.7 | 20.3 | 19.4 | 19.0 | 18.6 | 17.7 | 17.3 |
| 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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CATALOG NUMBER: GSS-SB6A-930-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 |
| 2.5° | 2870.6 | 2846.1 | 2821.2 | 2797.6 | 2773.5 | 2749.5 | 2728.4 | 2705.6 | 2683.2 | 2665.5 | 2648.2 |
| 5° | 2981.6 | 2933.1 | 2884.5 | 2838.5 | 2792.9 | 2745.3 | 2704.3 | 2663.8 | 2624.1 | 2591.2 | 2558.3 |
| 7.5° | 3068.9 | 3001.4 | 2933.9 | 2873.5 | 2812.8 | 2749.5 | 2700.1 | 2650.7 | 2601.8 | 2559.1 | 2516.1 |
| 10° | 3129.3 | 3046.2 | 2962.6 | 2893.0 | 2823.3 | 2755.8 | 2703.0 | 2651.1 | 2599.7 | 2555.8 | 2511.9 |
| 12.5° | 3173.6 | 3080.3 | 2987.1 | 2910.3 | 2833.9 | 2760.0 | 2708.5 | 2665.5 | 2622.9 | 2592.1 | 2561.7 |
| 15° | 3199.8 | 3099.3 | 2998.5 | 2911.9 | 2825.4 | 2743.1 | 2697.6 | 2669.7 | 2641.9 | 2639.3 | 2636.8 |
| 17.5° | 3206.5 | 3091.7 | 2977.4 | 2876.5 | 2776.1 | 2679.8 | 2641.0 | 2637.2 | 2633.4 | 2675.2 | 2717.0 |
| 20° | 3215.0 | 3080.3 | 2945.7 | 2813.2 | 2680.7 | 2553.2 | 2528.8 | 2552.8 | 2576.4 | 2658.3 | 2739.8 |
| 22.5° | 3236.1 | 3071.5 | 2906.9 | 2740.6 | 2574.3 | 2422.4 | 2399.2 | 2434.6 | 2469.7 | 2576.4 | 2683.2 |
| 25° | 3280.0 | 3070.6 | 2861.3 | 2654.1 | 2446.9 | 2272.6 | 2270.5 | 2308.9 | 2347.3 | 2446.0 | 2544.8 |
| 27.5° | 3344.5 | 3078.6 | 2812.8 | 2565.5 | 2317.7 | 2139.6 | 2150.2 | 2186.9 | 2224.1 | 2297.5 | 2370.9 |
| 30° | 3420.5 | 3096.0 | 2771.8 | 2488.2 | 2205.1 | 2032.0 | 2043.4 | 2072.1 | 2100.8 | 2154.0 | 2207.2 |
| 32.5° | 3502.8 | 3115.4 | 2728.4 | 2420.7 | 2113.5 | 1954.0 | 1954.0 | 1966.2 | 1978.4 | 2013.0 | 2047.6 |
| 35° | 3565.2 | 3110.7 | 2656.6 | 2343.9 | 2030.8 | 1907.5 | 1881.4 | 1871.2 | 1861.1 | 1883.9 | 1906.7 |
| 37.5° | 3627.3 | 3097.6 | 2568.0 | 2258.7 | 1949.7 | 1852.7 | 1802.9 | 1775.9 | 1748.0 | 1759.0 | 1769.1 |
| 40° | 3680.0 | 3068.1 | 2456.2 | 2157.0 | 1857.7 | 1780.9 | 1718.5 | 1678.0 | 1637.4 | 1636.6 | 1635.3 |
| 42.5° | 3718.9 | 3017.0 | 2314.8 | 2035.8 | 1756.5 | 1702.9 | 1625.6 | 1574.1 | 1522.7 | 1517.2 | 1511.7 |
| 45° | 3794.8 | 2982.0 | 2169.2 | 1912.6 | 1656.4 | 1607.9 | 1531.1 | 1477.9 | 1425.6 | 1417.1 | 1408.7 |
| 47.5° | 3853.1 | 2941.1 | 2029.1 | 1790.2 | 1552.2 | 1496.1 | 1424.3 | 1379.2 | 1333.6 | 1328.5 | 1323.0 |
| 50° | 3845.5 | 2871.4 | 1897.0 | 1681.3 | 1465.3 | 1388.5 | 1317.6 | 1280.4 | 1242.9 | 1249.2 | 1255.5 |
| 52.5° | 3694.8 | 2728.8 | 1763.2 | 1583.4 | 1404.5 | 1306.2 | 1230.2 | 1202.3 | 1174.1 | 1193.9 | 1213.3 |
| 55° | 3440.3 | 2539.7 | 1638.3 | 1501.6 | 1364.0 | 1266.1 | 1176.6 | 1145.4 | 1114.1 | 1142.0 | 1169.8 |
| 57.5° | 3156.7 | 2341.8 | 1526.9 | 1432.3 | 1337.8 | 1255.5 | 1145.8 | 1101.9 | 1058.4 | 1086.3 | 1114.1 |
| 60° | 2755.8 | 2091.5 | 1427.3 | 1361.0 | 1294.8 | 1230.2 | 1120.5 | 1065.6 | 1010.7 | 1029.3 | 1047.5 |
| 62.5° | 2252.8 | 1774.2 | 1295.6 | 1258.5 | 1221.8 | 1194.3 | 1089.7 | 1017.9 | 946.2 | 948.7 | 950.4 |
| 65° | *1646.7* | *1394.4* | *1141.6* | *1133.6* | *1126.0* | *1118.4* | *1031.8* | *954.6* | *877.8* | *869.4* | *860.9* |
| 67.5° | 1185.9 | 1066.0 | 946.2 | 968.5 | 990.9 | 1002.3 | 943.2 | 875.3 | 806.9 | 789.6 | 772.3 |
| 70° | 852.5 | 810.3 | 768.1 | 801.4 | 834.8 | 831.4 | 802.7 | 762.2 | 721.7 | 710.7 | 699.7 |
| 72.5° | 623.7 | 622.9 | 622.5 | 647.8 | 673.1 | 639.4 | 657.5 | 648.2 | 639.4 | 631.3 | 623.7 |
| 75° | 467.6 | 464.6 | 462.1 | 492.1 | 522.5 | 536.0 | 547.8 | 542.7 | 538.1 | 532.2 | 526.7 |
| 77.5° | 334.2 | 336.8 | 338.5 | 371.4 | 404.3 | 443.1 | 445.2 | 434.3 | 422.9 | 417.0 | 410.2 |
| 80° | 211.9 | 214.4 | 216.1 | 250.7 | 284.9 | 339.7 | 337.6 | 324.1 | 310.2 | 305.5 | 300.5 |
| 82.5° | 130.8 | 131.2 | 131.7 | 148.6 | 165.4 | 196.2 | 204.7 | 204.7 | 204.7 | 201.7 | 198.4 |
| 85° | 52.8 | 55.3 | 58.2 | 69.2 | 80.2 | 97.1 | 102.1 | 103.0 | 103.4 | 98.8 | 93.7 |
| 87.5° | 16.9 | 17.7 | 19.0 | 21.1 | 23.2 | 25.3 | 29.5 | 32.1 | 34.6 | 37.1 | 38.8 |
| 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: P1365219
CATALOG NUMBER: GSS-SB6A-930-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 |
| 2.5° | 2633.0 | 2617.4 | 2599.2 | 2580.7 | 2567.6 | 2554.1 | 2545.2 | 2536.3 | 2532.1 | 2527.9 | 2524.5 |
| 5° | 2531.3 | 2503.4 | 2479.0 | 2454.1 | 2434.6 | 2414.8 | 2398.8 | 2382.3 | 2375.6 | 2368.4 | 2363.7 |
| 7.5° | 2479.8 | 2443.5 | 2413.1 | 2382.3 | 2353.2 | 2324.5 | 2305.9 | 2287.4 | 2276.4 | 2265.4 | 2257.4 |
| 10° | 2473.5 | 2435.1 | 2395.0 | 2354.9 | 2322.8 | 2290.7 | 2262.9 | 2235.9 | 2220.3 | 2205.1 | 2196.6 |
| 12.5° | 2526.2 | 2490.8 | 2443.1 | 2395.0 | 2351.5 | 2308.5 | 2274.3 | 2240.1 | 2220.7 | 2202.1 | 2189.4 |
| 15° | 2624.6 | 2612.3 | 2568.0 | 2523.7 | 2463.8 | 2403.4 | 2354.5 | 2305.1 | 2278.1 | 2250.2 | 2234.6 |
| 17.5° | 2741.0 | 2765.1 | 2734.3 | 2703.0 | 2618.6 | 2534.2 | 2461.2 | 2388.6 | 2349.0 | 2309.3 | 2295.4 |
| 20° | 2804.8 | 2869.7 | 2866.4 | 2863.4 | 2753.3 | 2642.7 | 2546.9 | 2451.1 | 2397.9 | 2345.6 | 2324.5 |
| 22.5° | 2776.9 | 2870.6 | 2894.6 | 2918.3 | 2810.2 | 2701.8 | 2583.6 | 2465.5 | 2403.0 | 2340.1 | 2320.3 |
| 25° | 2645.7 | 2746.5 | 2791.3 | 2836.0 | 2746.9 | 2657.9 | 2543.1 | 2428.7 | 2362.9 | 2296.6 | 2276.4 |
| 27.5° | 2451.9 | 2533.0 | 2583.2 | 2633.4 | 2579.0 | 2524.5 | 2431.7 | 2338.8 | 2280.6 | 2221.9 | 2200.4 |
| 30° | 2262.0 | 2316.9 | 2357.0 | 2397.1 | 2361.2 | 2325.3 | 2258.7 | 2192.4 | 2148.9 | 2105.9 | 2092.4 |
| 32.5° | 2088.6 | 2129.1 | 2151.5 | 2173.4 | 2145.6 | 2117.7 | 2073.8 | 2029.9 | 2002.9 | 1975.9 | 1967.0 |
| 35° | 1939.6 | 1973.0 | 1989.8 | 2006.7 | 1983.5 | 1960.3 | 1921.0 | 1882.2 | 1862.8 | 1843.4 | 1836.2 |
| 37.5° | 1797.4 | 1825.2 | 1849.3 | 1873.8 | 1856.9 | 1840.0 | 1806.7 | 1773.3 | 1750.5 | 1726.9 | 1714.3 |
| 40° | 1662.3 | 1688.9 | 1719.3 | 1749.3 | 1746.3 | 1742.9 | 1711.3 | 1679.6 | 1646.7 | 1614.2 | 1596.9 |
| 42.5° | 1538.3 | 1564.9 | 1596.9 | 1629.0 | 1635.3 | 1641.7 | 1615.5 | 1588.9 | 1550.9 | 1512.9 | 1486.4 |
| 45° | 1431.5 | 1455.1 | 1490.2 | 1525.6 | 1540.4 | 1555.1 | 1531.5 | 1507.5 | 1464.8 | 1422.2 | 1390.6 |
| 47.5° | 1347.1 | 1371.6 | 1410.4 | 1449.6 | 1465.3 | 1481.3 | 1465.3 | 1449.6 | 1412.9 | 1375.8 | 1347.9 |
| 50° | 1282.1 | 1308.3 | 1338.7 | 1369.5 | 1398.6 | 1427.3 | 1424.3 | 1421.4 | 1392.2 | 1363.1 | 1337.0 |
| 52.5° | 1237.4 | 1261.8 | 1293.5 | 1325.1 | 1355.5 | 1386.3 | 1391.0 | 1396.0 | 1374.9 | 1353.8 | 1331.1 |
| 55° | 1199.0 | 1228.1 | 1257.6 | 1287.2 | 1315.9 | 1344.1 | 1350.5 | 1356.8 | 1341.6 | 1326.0 | 1309.1 |
| 57.5° | 1145.8 | 1177.4 | 1207.0 | 1236.5 | 1269.9 | 1303.2 | 1308.3 | 1313.3 | 1297.3 | 1280.8 | 1268.2 |
| 60° | 1080.0 | 1112.0 | 1142.8 | 1173.2 | 1207.0 | 1240.7 | 1247.5 | 1254.2 | 1241.6 | 1228.9 | 1217.1 |
| 62.5° | 987.1 | 1023.4 | 1048.7 | 1074.0 | 1106.1 | 1138.6 | 1148.3 | 1158.4 | 1152.5 | 1147.1 | 1133.6 |
| 65° | *895.5* | *930.6* | *950.4* | *970.6* | *998.5* | *1026.4* | *1036.1* | *1045.8* | *1042.8* | *1040.3* | *1030.6* |
| 67.5° | 804.4 | 836.4 | 852.9 | 869.4 | 888.4 | 907.3 | 918.3 | 929.3 | 923.8 | 917.9 | 907.8 |
| 70° | 725.9 | 752.0 | 766.4 | 780.7 | 795.9 | 811.1 | 817.0 | 822.9 | 814.5 | 806.1 | 783.3 |
| 72.5° | 643.6 | 663.4 | 675.7 | 687.9 | 702.2 | 716.6 | 720.0 | 723.8 | 710.7 | 697.2 | 670.6 |
| 75° | 541.9 | 557.1 | 566.4 | 576.1 | 590.8 | 605.6 | 611.9 | 618.3 | 599.7 | 581.5 | 553.3 |
| 77.5° | 424.1 | 438.1 | 446.9 | 455.8 | 468.0 | 480.3 | 481.9 | 484.5 | 468.4 | 452.4 | 435.5 |
| 80° | 310.6 | 320.7 | 324.1 | 327.1 | 337.2 | 346.9 | 346.9 | 346.9 | 335.1 | 322.8 | 314.4 |
| 82.5° | 196.2 | 194.1 | 189.9 | 185.7 | 195.8 | 205.9 | 209.3 | 213.1 | 207.6 | 202.6 | 193.3 |
| 85° | 87.8 | 81.0 | 79.8 | 78.1 | 77.7 | 76.8 | 79.8 | 82.3 | 81.0 | 80.2 | 76.8 |
| 87.5° | 41.4 | 43.0 | 41.8 | 40.1 | 38.4 | 37.1 | 33.8 | 30.4 | 27.9 | 25.3 | 23.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1365219
CATALOG NUMBER: GSS-SB6A-930-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 |
| 2.5° | 2521.6 | 2519.5 | 2521.6 | 2524.5 | 2527.9 | 2532.1 | 2536.3 | 2545.2 | 2554.1 | 2567.6 | 2580.7 |
| 5° | 2359.1 | 2354.9 | 2359.1 | 2363.7 | 2368.4 | 2375.6 | 2382.3 | 2398.8 | 2414.8 | 2434.6 | 2454.1 |
| 7.5° | 2249.4 | 2245.2 | 2249.4 | 2257.4 | 2265.4 | 2276.4 | 2287.4 | 2305.9 | 2324.5 | 2353.2 | 2382.3 |
| 10° | 2188.2 | 2181.9 | 2188.2 | 2196.6 | 2205.1 | 2220.3 | 2235.9 | 2262.9 | 2290.7 | 2322.8 | 2354.9 |
| 12.5° | 2176.8 | 2169.2 | 2176.8 | 2189.4 | 2202.1 | 2220.7 | 2240.1 | 2274.3 | 2308.5 | 2351.5 | 2395.0 |
| 15° | 2219.0 | 2207.2 | 2219.0 | 2234.6 | 2250.2 | 2278.1 | 2305.1 | 2354.5 | 2403.4 | 2463.8 | 2523.7 |
| 17.5° | 2281.0 | 2274.7 | 2281.0 | 2295.4 | 2309.3 | 2349.0 | 2388.6 | 2461.2 | 2534.2 | 2618.6 | 2703.0 |
| 20° | 2303.4 | 2295.8 | 2303.4 | 2324.5 | 2345.6 | 2397.9 | 2451.1 | 2546.9 | 2642.7 | 2753.3 | 2863.4 |
| 22.5° | 2300.0 | 2291.6 | 2300.0 | 2320.3 | 2340.1 | 2403.0 | 2465.5 | 2583.6 | 2701.8 | 2810.2 | 2918.3 |
| 25° | 2255.7 | 2249.4 | 2255.7 | 2276.4 | 2296.6 | 2362.9 | 2428.7 | 2543.1 | 2657.9 | 2746.9 | 2836.0 |
| 27.5° | 2178.5 | 2165.0 | 2178.5 | 2200.4 | 2221.9 | 2280.6 | 2338.8 | 2431.7 | 2524.5 | 2579.0 | 2633.4 |
| 30° | 2078.5 | 2072.1 | 2078.5 | 2092.4 | 2105.9 | 2148.9 | 2192.4 | 2258.7 | 2325.3 | 2361.2 | 2397.1 |
| 32.5° | 1958.2 | 1954.0 | 1958.2 | 1967.0 | 1975.9 | 2002.9 | 2029.9 | 2073.8 | 2117.7 | 2145.6 | 2173.4 |
| 35° | 1829.5 | 1823.1 | 1829.5 | 1836.2 | 1843.4 | 1862.8 | 1882.2 | 1921.0 | 1960.3 | 1983.5 | 2006.7 |
| 37.5° | 1701.6 | 1692.3 | 1701.6 | 1714.3 | 1726.9 | 1750.5 | 1773.3 | 1806.7 | 1840.0 | 1856.9 | 1873.8 |
| 40° | 1579.2 | 1569.9 | 1579.2 | 1596.9 | 1614.2 | 1646.7 | 1679.6 | 1711.3 | 1742.9 | 1746.3 | 1749.3 |
| 42.5° | 1460.2 | 1443.3 | 1460.2 | 1486.4 | 1512.9 | 1550.9 | 1588.9 | 1615.5 | 1641.7 | 1635.3 | 1629.0 |
| 45° | 1358.9 | 1337.8 | 1358.9 | 1390.6 | 1422.2 | 1464.8 | 1507.5 | 1531.5 | 1555.1 | 1540.4 | 1525.6 |
| 47.5° | 1320.1 | 1299.8 | 1320.1 | 1347.9 | 1375.8 | 1412.9 | 1449.6 | 1465.3 | 1481.3 | 1465.3 | 1449.6 |
| 50° | 1310.4 | 1291.4 | 1310.4 | 1337.0 | 1363.1 | 1392.2 | 1421.4 | 1424.3 | 1427.3 | 1398.6 | 1369.5 |
| 52.5° | 1308.3 | 1291.4 | 1308.3 | 1331.1 | 1353.8 | 1374.9 | 1396.0 | 1391.0 | 1386.3 | 1355.5 | 1325.1 |
| 55° | 1292.2 | 1278.7 | 1292.2 | 1309.1 | 1326.0 | 1341.6 | 1356.8 | 1350.5 | 1344.1 | 1315.9 | 1287.2 |
| 57.5° | 1255.5 | 1249.2 | 1255.5 | 1268.2 | 1280.8 | 1297.3 | 1313.3 | 1308.3 | 1303.2 | 1269.9 | 1236.5 |
| 60° | 1204.9 | 1194.3 | 1204.9 | 1217.1 | 1228.9 | 1241.6 | 1254.2 | 1247.5 | 1240.7 | 1207.0 | 1173.2 |
| 62.5° | 1120.5 | 1105.7 | 1120.5 | 1133.6 | 1147.1 | 1152.5 | 1158.4 | 1148.3 | 1138.6 | 1106.1 | 1074.0 |
| 65° | *1021.3* | *1004.4* | *1021.3* | *1030.6* | *1040.3* | *1042.8* | *1045.8* | *1036.1* | *1026.4* | *998.5* | *970.6* |
| 67.5° | 898.1 | 894.7 | 898.1 | 907.8 | 917.9 | 923.8 | 929.3 | 918.3 | 907.3 | 888.4 | 869.4 |
| 70° | 760.5 | 734.3 | 760.5 | 783.3 | 806.1 | 814.5 | 822.9 | 817.0 | 811.1 | 795.9 | 780.7 |
| 72.5° | 643.6 | 616.2 | 643.6 | 670.6 | 697.2 | 710.7 | 723.8 | 720.0 | 716.6 | 702.2 | 687.9 |
| 75° | 525.4 | 506.4 | 525.4 | 553.3 | 581.5 | 599.7 | 618.3 | 611.9 | 605.6 | 590.8 | 576.1 |
| 77.5° | 418.6 | 409.4 | 418.6 | 435.5 | 452.4 | 468.4 | 484.5 | 481.9 | 480.3 | 468.0 | 455.8 |
| 80° | 306.0 | 299.6 | 306.0 | 314.4 | 322.8 | 335.1 | 346.9 | 346.9 | 346.9 | 337.2 | 327.1 |
| 82.5° | 183.6 | 177.2 | 183.6 | 193.3 | 202.6 | 207.6 | 213.1 | 209.3 | 205.9 | 195.8 | 185.7 |
| 85° | 73.9 | 71.7 | 73.9 | 76.8 | 80.2 | 81.0 | 82.3 | 79.8 | 76.8 | 77.7 | 78.1 |
| 87.5° | 21.9 | 21.1 | 21.9 | 23.6 | 25.3 | 27.9 | 30.4 | 33.8 | 37.1 | 38.4 | 40.1 |
| 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
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Scaled Data Report

REPORT NUMBER: P1365219
CATALOG NUMBER: GSS-SB6A-930-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 |
| 2.5° | 2599.2 | 2617.4 | 2633.0 | 2648.2 | 2665.5 | 2683.2 | 2705.6 | 2728.4 | 2749.5 | 2773.5 | 2797.6 |
| 5° | 2479.0 | 2503.4 | 2531.3 | 2558.3 | 2591.2 | 2624.1 | 2663.8 | 2704.3 | 2745.3 | 2792.9 | 2838.5 |
| 7.5° | 2413.1 | 2443.5 | 2479.8 | 2516.1 | 2559.1 | 2601.8 | 2650.7 | 2700.1 | 2749.5 | 2812.8 | 2873.5 |
| 10° | 2395.0 | 2435.1 | 2473.5 | 2511.9 | 2555.8 | 2599.7 | 2651.1 | 2703.0 | 2755.8 | 2823.3 | 2893.0 |
| 12.5° | 2443.1 | 2490.8 | 2526.2 | 2561.7 | 2592.1 | 2622.9 | 2665.5 | 2708.5 | 2760.0 | 2833.9 | 2910.3 |
| 15° | 2568.0 | 2612.3 | 2624.6 | 2636.8 | 2639.3 | 2641.9 | 2669.7 | 2697.6 | 2743.1 | 2825.4 | 2911.9 |
| 17.5° | 2734.3 | 2765.1 | 2741.0 | 2717.0 | 2675.2 | 2633.4 | 2637.2 | 2641.0 | 2679.8 | 2776.1 | 2876.5 |
| 20° | 2866.4 | 2869.7 | 2804.8 | 2739.8 | 2658.3 | 2576.4 | 2552.8 | 2528.8 | 2553.2 | 2680.7 | 2813.2 |
| 22.5° | 2894.6 | 2870.6 | 2776.9 | 2683.2 | 2576.4 | 2469.7 | 2434.6 | 2399.2 | 2422.4 | 2574.3 | 2740.6 |
| 25° | 2791.3 | 2746.5 | 2645.7 | 2544.8 | 2446.0 | 2347.3 | 2308.9 | 2270.5 | 2272.6 | 2446.9 | 2654.1 |
| 27.5° | 2583.2 | 2533.0 | 2451.9 | 2370.9 | 2297.5 | 2224.1 | 2186.9 | 2150.2 | 2139.6 | 2317.7 | 2565.5 |
| 30° | 2357.0 | 2316.9 | 2262.0 | 2207.2 | 2154.0 | 2100.8 | 2072.1 | 2043.4 | 2032.0 | 2205.1 | 2488.2 |
| 32.5° | 2151.5 | 2129.1 | 2088.6 | 2047.6 | 2013.0 | 1978.4 | 1966.2 | 1954.0 | 1954.0 | 2113.5 | 2420.7 |
| 35° | 1989.8 | 1973.0 | 1939.6 | 1906.7 | 1883.9 | 1861.1 | 1871.2 | 1881.4 | 1907.5 | 2030.8 | 2343.9 |
| 37.5° | 1849.3 | 1825.2 | 1797.4 | 1769.1 | 1759.0 | 1748.0 | 1775.9 | 1802.9 | 1852.7 | 1949.7 | 2258.7 |
| 40° | 1719.3 | 1688.9 | 1662.3 | 1635.3 | 1636.6 | 1637.4 | 1678.0 | 1718.5 | 1780.9 | 1857.7 | 2157.0 |
| 42.5° | 1596.9 | 1564.9 | 1538.3 | 1511.7 | 1517.2 | 1522.7 | 1574.1 | 1625.6 | 1702.9 | 1756.5 | 2035.8 |
| 45° | 1490.2 | 1455.1 | 1431.5 | 1408.7 | 1417.1 | 1425.6 | 1477.9 | 1531.1 | 1607.9 | 1656.4 | 1912.6 |
| 47.5° | 1410.4 | 1371.6 | 1347.1 | 1323.0 | 1328.5 | 1333.6 | 1379.2 | 1424.3 | 1496.1 | 1552.2 | 1790.2 |
| 50° | 1338.7 | 1308.3 | 1282.1 | 1255.5 | 1249.2 | 1242.9 | 1280.4 | 1317.6 | 1388.5 | 1465.3 | 1681.3 |
| 52.5° | 1293.5 | 1261.8 | 1237.4 | 1213.3 | 1193.9 | 1174.1 | 1202.3 | 1230.2 | 1306.2 | 1404.5 | 1583.4 |
| 55° | 1257.6 | 1228.1 | 1199.0 | 1169.8 | 1142.0 | 1114.1 | 1145.4 | 1176.6 | 1266.1 | 1364.0 | 1501.6 |
| 57.5° | 1207.0 | 1177.4 | 1145.8 | 1114.1 | 1086.3 | 1058.4 | 1101.9 | 1145.8 | 1255.5 | 1337.8 | 1432.3 |
| 60° | 1142.8 | 1112.0 | 1080.0 | 1047.5 | 1029.3 | 1010.7 | 1065.6 | 1120.5 | 1230.2 | 1294.8 | 1361.0 |
| 62.5° | 1048.7 | 1023.4 | 987.1 | 950.4 | 948.7 | 946.2 | 1017.9 | 1089.7 | 1194.3 | 1221.8 | 1258.5 |
| 65° | *950.4* | *930.6* | *895.5* | *860.9* | *869.4* | *877.8* | *954.6* | *1031.8* | *1118.4* | *1126.0* | *1133.6* |
| 67.5° | 852.9 | 836.4 | 804.4 | 772.3 | 789.6 | 806.9 | 875.3 | 943.2 | 1002.3 | 990.9 | 968.5 |
| 70° | 766.4 | 752.0 | 725.9 | 699.7 | 710.7 | 721.7 | 762.2 | 802.7 | 831.4 | 834.8 | 801.4 |
| 72.5° | 675.7 | 663.4 | 643.6 | 623.7 | 631.3 | 639.4 | 648.2 | 657.5 | 639.4 | 673.1 | 647.8 |
| 75° | 566.4 | 557.1 | 541.9 | 526.7 | 532.2 | 538.1 | 542.7 | 547.8 | 536.0 | 522.5 | 492.1 |
| 77.5° | 446.9 | 438.1 | 424.1 | 410.2 | 417.0 | 422.9 | 434.3 | 445.2 | 443.1 | 404.3 | 371.4 |
| 80° | 324.1 | 320.7 | 310.6 | 300.5 | 305.5 | 310.2 | 324.1 | 337.6 | 339.7 | 284.9 | 250.7 |
| 82.5° | 189.9 | 194.1 | 196.2 | 198.4 | 201.7 | 204.7 | 204.7 | 204.7 | 196.2 | 165.4 | 148.6 |
| 85° | 79.8 | 81.0 | 87.8 | 93.7 | 98.8 | 103.4 | 103.0 | 102.1 | 97.1 | 80.2 | 69.2 |
| 87.5° | 41.8 | 43.0 | 41.4 | 38.8 | 37.1 | 34.6 | 32.1 | 29.5 | 25.3 | 23.2 | 21.1 |
| 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: P1365219
CATALOG NUMBER: GSS-SB6A-930-U-SLL

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 | 2751.6 |
| 2.5° | 2821.2 | 2846.1 | 2870.6 | 2895.1 | 2919.5 | 2946.1 | 2973.1 |
| 5° | 2884.5 | 2933.1 | 2981.6 | 3031.0 | 3080.8 | 3128.0 | 3175.7 |
| 7.5° | 2933.9 | 3001.4 | 3068.9 | 3144.5 | 3220.0 | 3300.2 | 3380.4 |
| 10° | 2962.6 | 3046.2 | 3129.3 | 3223.4 | 3317.1 | 3413.3 | 3509.1 |
| 12.5° | 2987.1 | 3080.3 | 3173.6 | 3278.7 | 3383.8 | 3479.1 | 3574.5 |
| 15° | 2998.5 | 3099.3 | 3199.8 | 3306.5 | 3413.3 | 3509.5 | 3606.2 |
| 17.5° | 2977.4 | 3091.7 | 3206.5 | 3320.5 | 3434.4 | 3524.3 | 3614.6 |
| 20° | 2945.7 | 3080.3 | 3215.0 | 3337.3 | 3459.7 | 3550.9 | 3642.0 |
| 22.5° | 2906.9 | 3071.5 | 3236.1 | 3370.3 | 3504.9 | 3588.0 | 3671.6 |
| 25° | 2861.3 | 3070.6 | 3280.0 | 3426.8 | 3573.7 | 3645.8 | 3718.0 |
| 27.5° | 2812.8 | 3078.6 | 3344.5 | 3509.5 | 3675.0 | 3730.2 | 3785.5 |
| 30° | 2771.8 | 3096.0 | 3420.5 | 3607.4 | 3794.0 | 3837.0 | 3880.5 |
| 32.5° | 2728.4 | 3115.4 | 3502.8 | 3722.7 | 3942.5 | 3969.5 | 3996.5 |
| 35° | 2656.6 | 3110.7 | 3565.2 | 3845.0 | 4125.3 | 4159.0 | 4192.8 |
| 37.5° | 2568.0 | 3097.6 | 3627.3 | 3994.4 | 4361.6 | 4401.7 | 4441.8 |
| 40° | 2456.2 | 3068.1 | 3680.0 | 4165.4 | 4650.7 | 4730.0 | 4808.9 |
| 42.5° | 2314.8 | 3017.0 | 3718.9 | 4354.4 | 4989.1 | 5156.7 | 5323.8 |
| 45° | 2169.2 | 2982.0 | 3794.8 | 4611.0 | 5427.2 | 5695.2 | 5963.2 |
| 47.5° | 2029.1 | 2941.1 | 3853.1 | 4874.8 | 5896.5 | 6235.8 | 6575.1 |
| 50° | 1897.0 | 2871.4 | 3845.5 | 5104.8 | 6364.1 | 6824.1 | 7284.1 |
| 52.5° | 1763.2 | 2728.8 | 3694.8 | 5213.7 | 6732.1 | 7463.0 | 8193.5 |
| 55° | 1638.3 | 2539.7 | 3440.3 | 5185.0 | 6929.6 | 8104.9 | 9280.3 |
| 57.5° | 1526.9 | 2341.8 | 3156.7 | 5028.4 | 6900.1 | 8643.8 | 10388.1 |
| 60° | 1427.3 | 2091.5 | 2755.8 | 4653.2 | 6550.6 | 8885.2 | 11219.4 |
| 62.5° | 1295.6 | 1774.2 | 2252.8 | 4038.3 | 5823.9 | 8349.7 | 10875.5 |
| 65° | *1141.6* | *1394.4* | *1646.7* | *3167.7* | *4688.7* | *7201.8* | *9714.9* |
| 67.5° | 946.2 | 1066.0 | 1185.9 | 2465.0 | 3744.2 | 6185.1 | 8626.1 |
| 70° | 768.1 | 810.3 | 852.5 | 1889.0 | 2925.5 | 5254.6 | 7583.7 |
| 72.5° | 622.5 | 622.9 | 623.7 | 1420.1 | 2216.5 | 4363.3 | 6509.7 |
| 75° | 462.1 | 464.6 | 467.6 | 1052.5 | 1637.4 | 3483.8 | 5330.1 |
| 77.5° | 338.5 | 336.8 | 334.2 | 680.3 | 1026.4 | 2285.7 | 3545.0 |
| 80° | 216.1 | 214.4 | 211.9 | 376.0 | 540.2 | 1310.4 | 2080.6 |
| 82.5° | 131.7 | 131.2 | 130.8 | 202.1 | 273.5 | 656.7 | 1040.3 |
| 85° | 58.2 | 55.3 | 52.8 | 64.1 | 76.0 | 156.1 | 236.3 |
| 87.5° | 19.0 | 17.7 | 16.9 | 17.3 | 17.7 | 18.6 | 19.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

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

Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

McGRAW-EDISON

Report Number: SP1-2106-271-2

Luminaire Tested: GFLD-SA1-A-930-U-WR-X-BK

Test Date: 06/16/2021

Report Generated By FNC07603 / LDUCLS01DT446
Version: v6.09

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

## Test Information

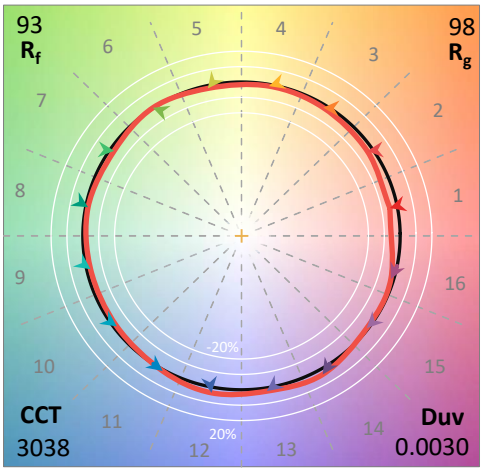
| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | SP1-2106-271-2 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 |
| Measurement Geometry: | 4π |
| Issue Date: | 06/16/2021 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | **GFLD-SA1-A-930-U-WR-X-BK** |
| Description: | MCGRAW EDISON |

N6, BLACK

## Spectral Parameters

| | | | | | |
|---|---|---|---|---|---|
| CCT (K): | 3038 | CRI (Ra): | 92.3 | | |
| CIE u': | 0.2481 | R1: | 92.0 | R9: | 58.9 |
| CIE v': | 0.5247 | R2: | 94.8 | R10: | 87.0 |
| Duv: | 0.0030 | R3: | 96.7 | R11: | 93.2 |
| CIE x: | 0.4384 | R4: | 93.0 | R12: | 81.1 |
| CIE y: | 0.4121 | R5: | 91.4 | R13: | 92.5 |
| CIE z: | 0.1495 | R6: | 93.7 | R14: | 97.4 |
| Peak Wavelength (nm): | 624 | R7: | 93.9 | | |
| Dominant Wavelength (nm): | 581 | R8: | 82.9 | | |
| Purity: | 55.6 | | | | |

| | |
|---|---|
| Rf: | 92.8 |
| Rg: | 98 |




## Test Conditions

| | |
|---|---|
| Stabilization Time: | 82M |
| Operation Time: | 12H |
| Room Temperature (°C) / RH%: | 24.3/43% |
| Sphere Temperature (°C): | 24.2 |

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

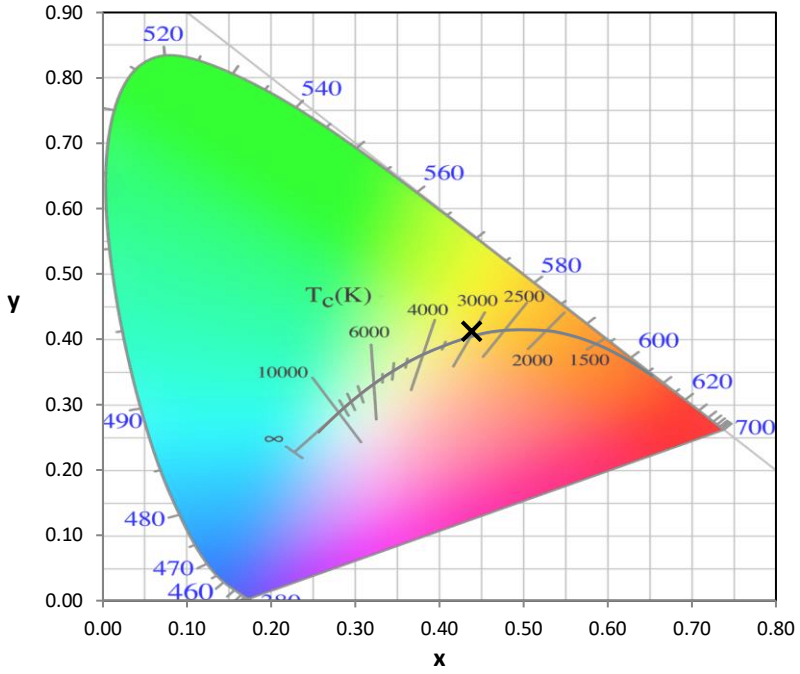
REPORT NUMBER: SP1-2106-271-2

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

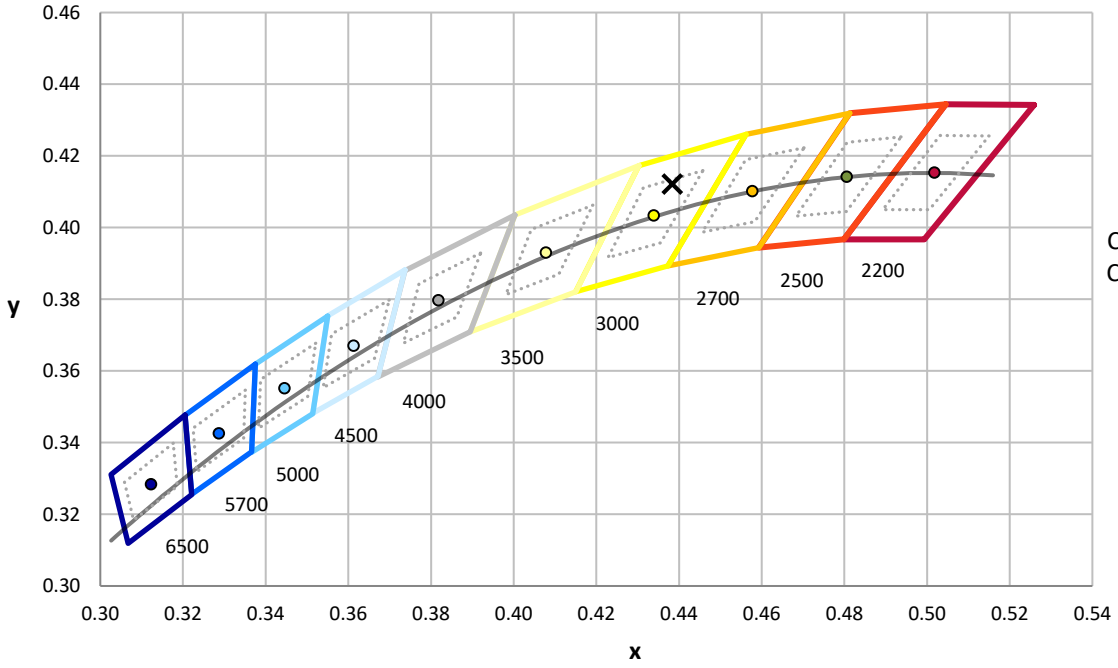
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2106-271-2

## CIE 1931 Chromaticity Diagram




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



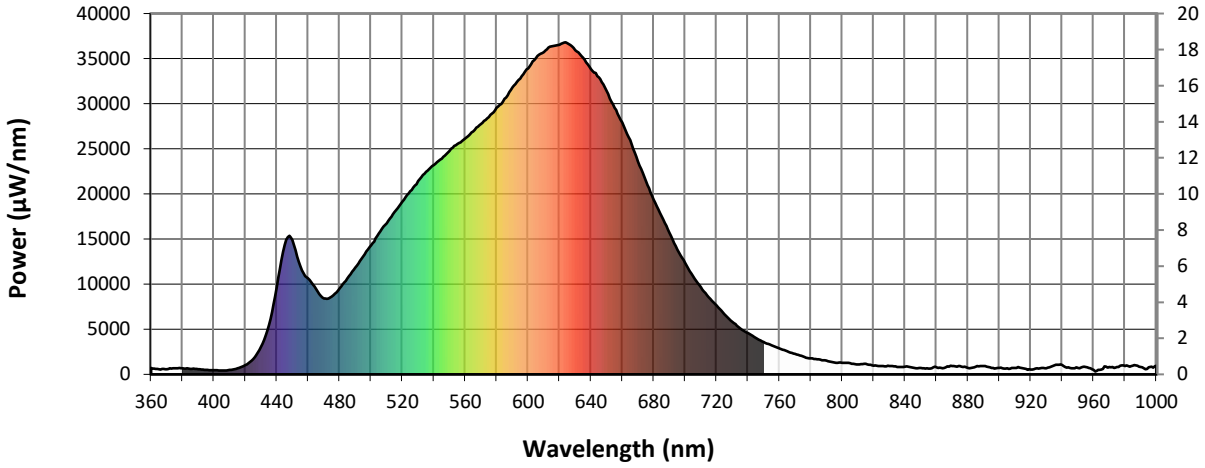

CCT = 3038K
CIE x = 0.4384
CIE y = 0.4121
Duv = 0.0030

Point lies inside the ANSI 3000K 4-step quadrangle

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

REPORT NUMBER: SP1-2106-271-2

## Photopic Flux vs. Wavelength



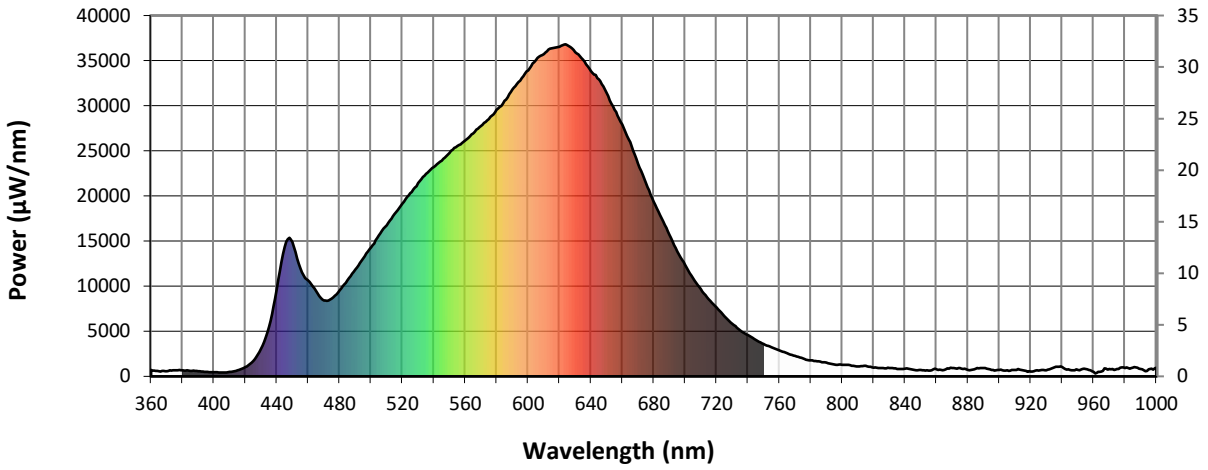

######

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 718 | NR | 490 | 11837 | NR | 620 | 36553 | NR | 750 | 3581 | NR | 880 | 702 | NR |
| 365 | 573 | NR | 495 | 13045 | NR | 625 | 36706 | NR | 755 | 3240 | NR | 885 | 837 | NR |
| 370 | 566 | NR | 500 | 14286 | NR | 630 | 35946 | NR | 760 | 2875 | NR | 890 | 938 | NR |
| 375 | 689 | NR | 505 | 15591 | NR | 635 | 35109 | NR | 765 | 2561 | NR | 895 | 722 | NR |
| 380 | 659 | NR | 510 | 16757 | NR | 640 | 33848 | NR | 770 | 2263 | NR | 900 | 712 | NR |
| 385 | 616 | NR | 515 | 17969 | NR | 645 | 32907 | NR | 775 | 1981 | NR | 905 | 660 | NR |
| 390 | 575 | NR | 520 | 19153 | NR | 650 | 31426 | NR | 780 | 1758 | NR | 910 | 722 | NR |
| 395 | 507 | NR | 525 | 20279 | NR | 655 | 29538 | NR | 785 | 1656 | NR | 915 | 683 | NR |
| 400 | 452 | NR | 530 | 21424 | NR | 660 | 27902 | NR | 790 | 1510 | NR | 920 | 536 | NR |
| 405 | 442 | NR | 535 | 22450 | NR | 665 | 25950 | NR | 795 | 1317 | NR | 925 | 653 | NR |
| 410 | 492 | NR | 540 | 23201 | NR | 670 | 23596 | NR | 800 | 1296 | NR | 930 | 693 | NR |
| 415 | 658 | NR | 545 | 23916 | NR | 675 | 21412 | NR | 805 | 1239 | NR | 935 | 1009 | NR |
| 420 | 1015 | NR | 550 | 24774 | NR | 680 | 19353 | NR | 810 | 1094 | NR | 940 | 1041 | NR |
| 425 | 1715 | NR | 555 | 25531 | NR | 685 | 17528 | NR | 815 | 1156 | NR | 945 | 716 | NR |
| 430 | 3048 | NR | 560 | 26160 | NR | 690 | 15706 | NR | 820 | 966 | NR | 950 | 700 | NR |
| 435 | 5481 | NR | 565 | 26923 | NR | 695 | 13845 | NR | 825 | 931 | NR | 955 | 812 | NR |
| 440 | 9614 | NR | 570 | 27732 | NR | 700 | 12373 | NR | 830 | 938 | NR | 960 | 505 | NR |
| 445 | 14315 | NR | 575 | 28529 | NR | 705 | 10898 | NR | 835 | 822 | NR | 965 | 551 | NR |
| 450 | 14893 | NR | 580 | 29552 | NR | 710 | 9649 | NR | 840 | 838 | NR | 970 | 824 | NR |
| 455 | 11988 | NR | 585 | 30530 | NR | 715 | 8554 | NR | 845 | 759 | NR | 975 | 814 | NR |
| 460 | 10638 | NR | 590 | 31835 | NR | 720 | 7611 | NR | 850 | 712 | NR | 980 | 926 | NR |
| 465 | 9480 | NR | 595 | 32776 | NR | 725 | 6679 | NR | 855 | 651 | NR | 985 | 954 | NR |
| 470 | 8416 | NR | 600 | 33912 | NR | 730 | 5833 | NR | 860 | 789 | NR | 990 | 814 | NR |
| 475 | 8624 | NR | 605 | 35057 | NR | 735 | 5111 | NR | 865 | 715 | NR | 995 | 765 | NR |
| 480 | 9529 | NR | 610 | 35715 | NR | 740 | 4579 | NR | 870 | 935 | NR | 1000 | 954 | NR |
| 485 | 10656 | NR | 615 | 36371 | NR | 745 | 4054 | NR | 875 | 919 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-2

## Scotopic Flux vs. Wavelength



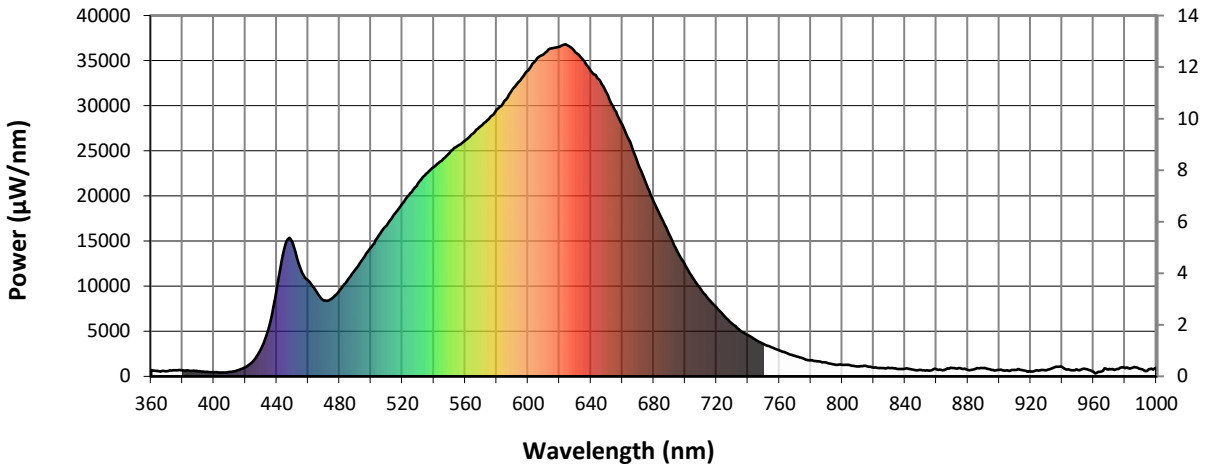

**Scotopic Lumens: 2650.8** **S/P: 1.41**

| 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 | 718 | NR | 490 | 11837 | NR | 620 | 36553 | NR | 750 | 3581 | NR | 880 | 702 | NR |
| 365 | 573 | NR | 495 | 13045 | NR | 625 | 36706 | NR | 755 | 3240 | NR | 885 | 837 | NR |
| 370 | 566 | NR | 500 | 14286 | NR | 630 | 35946 | NR | 760 | 2875 | NR | 890 | 938 | NR |
| 375 | 689 | NR | 505 | 15591 | NR | 635 | 35109 | NR | 765 | 2561 | NR | 895 | 722 | NR |
| 380 | 659 | NR | 510 | 16757 | NR | 640 | 33848 | NR | 770 | 2263 | NR | 900 | 712 | NR |
| 385 | 616 | NR | 515 | 17969 | NR | 645 | 32907 | NR | 775 | 1981 | NR | 905 | 660 | NR |
| 390 | 575 | NR | 520 | 19153 | NR | 650 | 31426 | NR | 780 | 1758 | NR | 910 | 722 | NR |
| 395 | 507 | NR | 525 | 20279 | NR | 655 | 29538 | NR | 785 | 1656 | NR | 915 | 683 | NR |
| 400 | 452 | NR | 530 | 21424 | NR | 660 | 27902 | NR | 790 | 1510 | NR | 920 | 536 | NR |
| 405 | 442 | NR | 535 | 22450 | NR | 665 | 25950 | NR | 795 | 1317 | NR | 925 | 653 | NR |
| 410 | 492 | NR | 540 | 23201 | NR | 670 | 23596 | NR | 800 | 1296 | NR | 930 | 693 | NR |
| 415 | 658 | NR | 545 | 23916 | NR | 675 | 21412 | NR | 805 | 1239 | NR | 935 | 1009 | NR |
| 420 | 1015 | NR | 550 | 24774 | NR | 680 | 19353 | NR | 810 | 1094 | NR | 940 | 1041 | NR |
| 425 | 1715 | NR | 555 | 25531 | NR | 685 | 17528 | NR | 815 | 1156 | NR | 945 | 716 | NR |
| 430 | 3048 | NR | 560 | 26160 | NR | 690 | 15706 | NR | 820 | 966 | NR | 950 | 700 | NR |
| 435 | 5481 | NR | 565 | 26923 | NR | 695 | 13845 | NR | 825 | 931 | NR | 955 | 812 | NR |
| 440 | 9614 | NR | 570 | 27732 | NR | 700 | 12373 | NR | 830 | 938 | NR | 960 | 505 | NR |
| 445 | 14315 | NR | 575 | 28529 | NR | 705 | 10898 | NR | 835 | 822 | NR | 965 | 551 | NR |
| 450 | 14893 | NR | 580 | 29552 | NR | 710 | 9649 | NR | 840 | 838 | NR | 970 | 824 | NR |
| 455 | 11988 | NR | 585 | 30530 | NR | 715 | 8554 | NR | 845 | 759 | NR | 975 | 814 | NR |
| 460 | 10638 | NR | 590 | 31835 | NR | 720 | 7611 | NR | 850 | 712 | NR | 980 | 926 | NR |
| 465 | 9480 | NR | 595 | 32776 | NR | 725 | 6679 | NR | 855 | 651 | NR | 985 | 954 | NR |
| 470 | 8416 | NR | 600 | 33912 | NR | 730 | 5833 | NR | 860 | 789 | NR | 990 | 814 | NR |
| 475 | 8624 | NR | 605 | 35057 | NR | 735 | 5111 | NR | 865 | 715 | NR | 995 | 765 | NR |
| 480 | 9529 | NR | 610 | 35715 | NR | 740 | 4579 | NR | 870 | 935 | NR | 1000 | 954 | NR |
| 485 | 10656 | NR | 615 | 36371 | NR | 745 | 4054 | NR | 875 | 919 | NR | | | |

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

REPORT NUMBER: SP1-2106-271-2

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: 1008.8** **S/P: 0.54**

| λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) | λ (nm) | Power (µW/nm) | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 718 | NR | 490 | 11837 | NR | 620 | 36553 | NR | 750 | 3581 | NR | 880 | 702 | NR |
| 365 | 573 | NR | 495 | 13045 | NR | 625 | 36706 | NR | 755 | 3240 | NR | 885 | 837 | NR |
| 370 | 566 | NR | 500 | 14286 | NR | 630 | 35946 | NR | 760 | 2875 | NR | 890 | 938 | NR |
| 375 | 689 | NR | 505 | 15591 | NR | 635 | 35109 | NR | 765 | 2561 | NR | 895 | 722 | NR |
| 380 | 659 | NR | 510 | 16757 | NR | 640 | 33848 | NR | 770 | 2263 | NR | 900 | 712 | NR |
| 385 | 616 | NR | 515 | 17969 | NR | 645 | 32907 | NR | 775 | 1981 | NR | 905 | 660 | NR |
| 390 | 575 | NR | 520 | 19153 | NR | 650 | 31426 | NR | 780 | 1758 | NR | 910 | 722 | NR |
| 395 | 507 | NR | 525 | 20279 | NR | 655 | 29538 | NR | 785 | 1656 | NR | 915 | 683 | NR |
| 400 | 452 | NR | 530 | 21424 | NR | 660 | 27902 | NR | 790 | 1510 | NR | 920 | 536 | NR |
| 405 | 442 | NR | 535 | 22450 | NR | 665 | 25950 | NR | 795 | 1317 | NR | 925 | 653 | NR |
| 410 | 492 | NR | 540 | 23201 | NR | 670 | 23596 | NR | 800 | 1296 | NR | 930 | 693 | NR |
| 415 | 658 | NR | 545 | 23916 | NR | 675 | 21412 | NR | 805 | 1239 | NR | 935 | 1009 | NR |
| 420 | 1015 | NR | 550 | 24774 | NR | 680 | 19353 | NR | 810 | 1094 | NR | 940 | 1041 | NR |
| 425 | 1715 | NR | 555 | 25531 | NR | 685 | 17528 | NR | 815 | 1156 | NR | 945 | 716 | NR |
| 430 | 3048 | NR | 560 | 26160 | NR | 690 | 15706 | NR | 820 | 966 | NR | 950 | 700 | NR |
| 435 | 5481 | NR | 565 | 26923 | NR | 695 | 13845 | NR | 825 | 931 | NR | 955 | 812 | NR |
| 440 | 9614 | NR | 570 | 27732 | NR | 700 | 12373 | NR | 830 | 938 | NR | 960 | 505 | NR |
| 445 | 14315 | NR | 575 | 28529 | NR | 705 | 10898 | NR | 835 | 822 | NR | 965 | 551 | NR |
| 450 | 14893 | NR | 580 | 29552 | NR | 710 | 9649 | NR | 840 | 838 | NR | 970 | 824 | NR |
| 455 | 11988 | NR | 585 | 30530 | NR | 715 | 8554 | NR | 845 | 759 | NR | 975 | 814 | NR |
| 460 | 10638 | NR | 590 | 31835 | NR | 720 | 7611 | NR | 850 | 712 | NR | 980 | 926 | NR |
| 465 | 9480 | NR | 595 | 32776 | NR | 725 | 6679 | NR | 855 | 651 | NR | 985 | 954 | NR |
| 470 | 8416 | NR | 600 | 33912 | NR | 730 | 5833 | NR | 860 | 789 | NR | 990 | 814 | NR |
| 475 | 8624 | NR | 605 | 35057 | NR | 735 | 5111 | NR | 865 | 715 | NR | 995 | 765 | NR |
| 480 | 9529 | NR | 610 | 35715 | NR | 740 | 4579 | NR | 870 | 935 | NR | 1000 | 954 | NR |
| 485 | 10656 | NR | 615 | 36371 | NR | 745 | 4054 | NR | 875 | 919 | NR | | | |

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

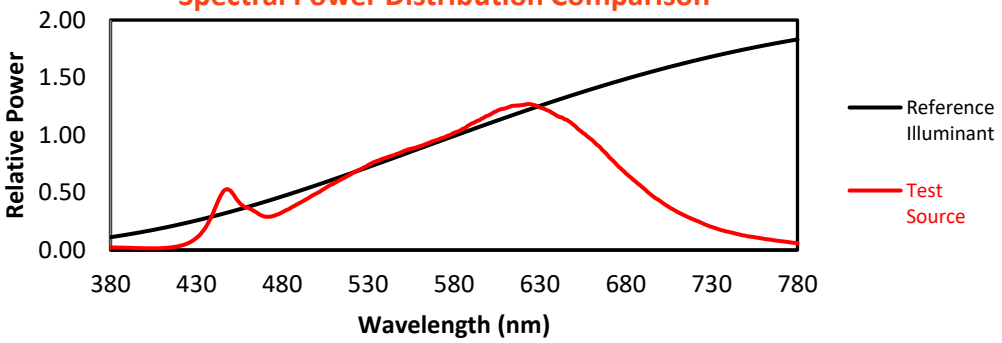
REPORT NUMBER: SP1-2106-271-2

# TM-30-18

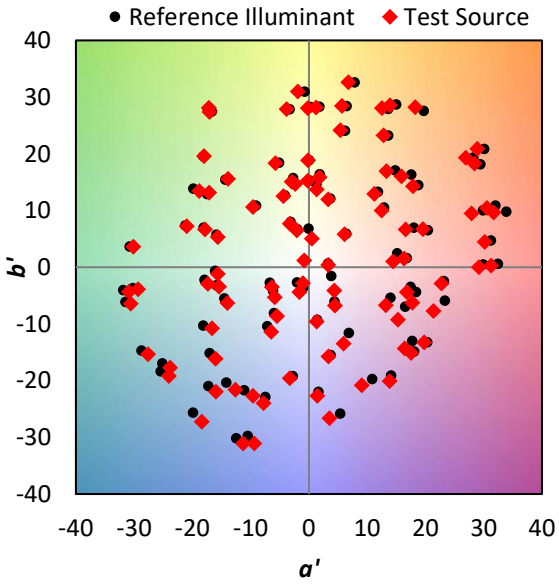
## Summary

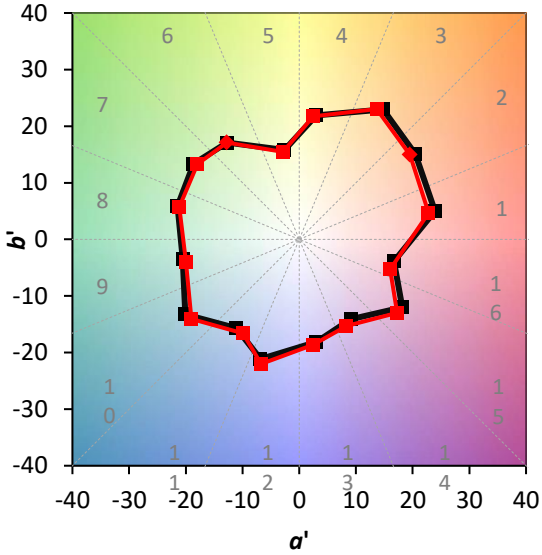
$R_f$ = 92.8
$R_g$ = 98
CIE $R_a$ = 92.3
$R_9$ = 58.9

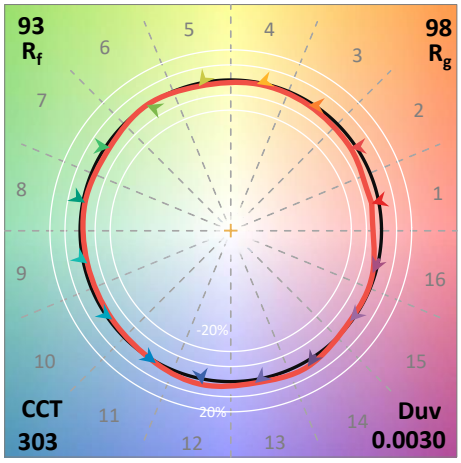
## Spectral Power Distribution Comparison

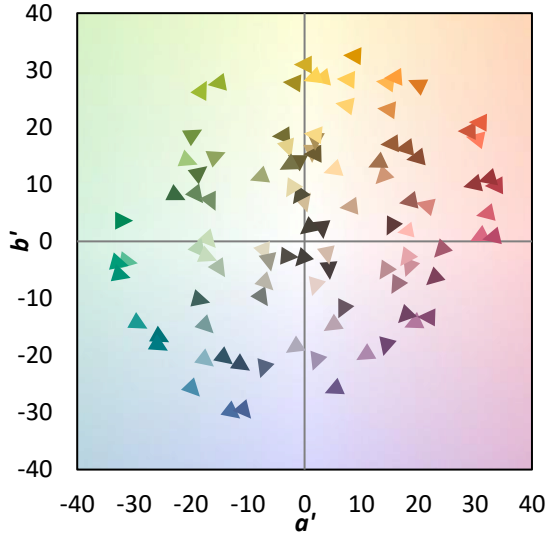



## Color Vector Graphics



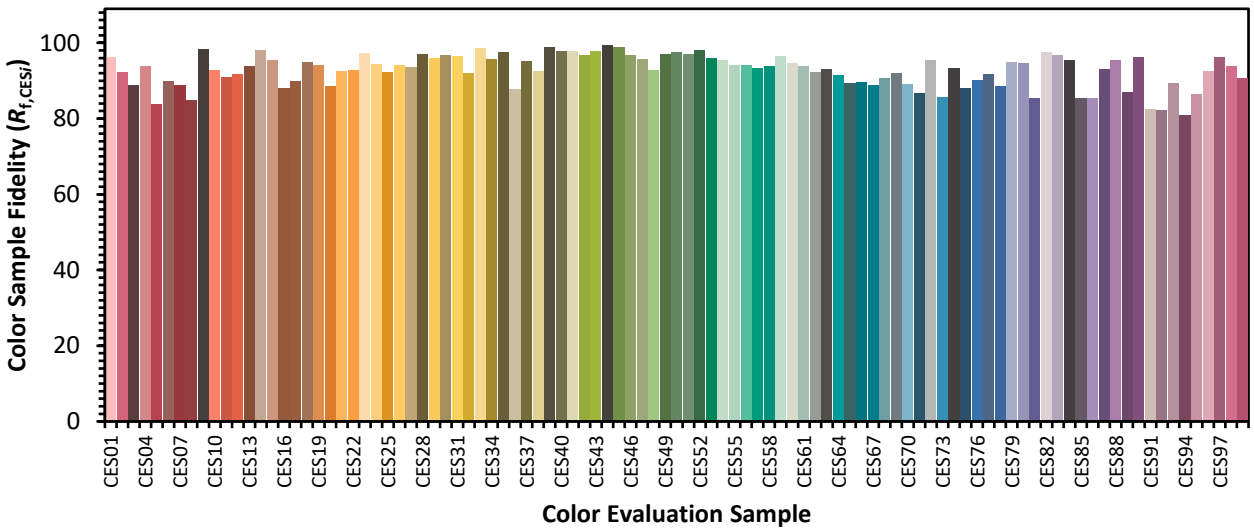
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1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2106-271-2

## TM-30-18

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

| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 94 | CES51 = 97 | CES76 = 90 |
| CES02 = 63 | CES27 = 94 | CES52 = 98 | CES77 = 92 |
| CES03 = 32 | CES28 = 97 | CES53 = 96 | CES78 = 88 |
| CES04 = 70 | CES29 = 96 | CES54 = 95 | CES79 = 95 |
| CES05 = 50 | CES30 = 97 | CES55 = 94 | CES80 = 95 |
| CES06 = 51 | CES31 = 97 | CES56 = 94 | CES81 = 85 |
| CES07 = 43 | CES32 = 92 | CES57 = 93 | CES82 = 98 |
| CES08 = 42 | CES33 = 99 | CES58 = 94 | CES83 = 97 |
| CES09 = 29 | CES34 = 96 | CES59 = 96 | CES84 = 95 |
| CES10 = 76 | CES35 = 98 | CES60 = 95 | CES85 = 86 |
| CES11 = 58 | CES36 = 88 | CES61 = 94 | CES86 = 85 |
| CES12 = 65 | CES37 = 95 | CES62 = 92 | CES87 = 93 |
| CES13 = 44 | CES38 = 93 | CES63 = 93 | CES88 = 96 |
| CES14 = 74 | CES39 = 99 | CES64 = 91 | CES89 = 87 |
| CES15 = 72 | CES40 = 98 | CES65 = 89 | CES90 = 96 |
| CES16 = 48 | CES41 = 98 | CES66 = 90 | CES91 = 82 |
| CES17 = 50 | CES42 = 97 | CES67 = 89 | CES92 = 82 |
| CES18 = 57 | CES43 = 98 | CES68 = 91 | CES93 = 89 |
| CES19 = 72 | CES44 = 99 | CES69 = 92 | CES94 = 81 |
| CES20 = 67 | CES45 = 99 | CES70 = 89 | CES95 = 86 |
| CES21 = 86 | CES46 = 97 | CES71 = 87 | CES96 = 93 |
| CES22 = 79 | CES47 = 96 | CES72 = 95 | CES97 = 96 |
| CES23 = 92 | CES48 = 93 | CES73 = 86 | CES98 = 94 |
| CES24 = 90 | CES49 = 97 | CES74 = 93 | CES99 = 91 |
| CES25 = 72 | CES50 = 98 | CES75 = 88 | |

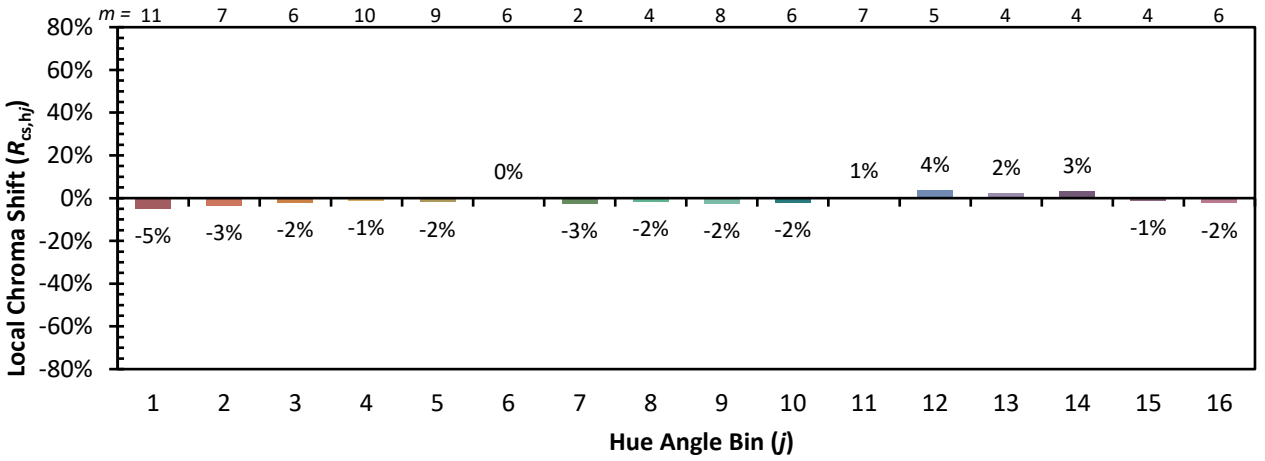


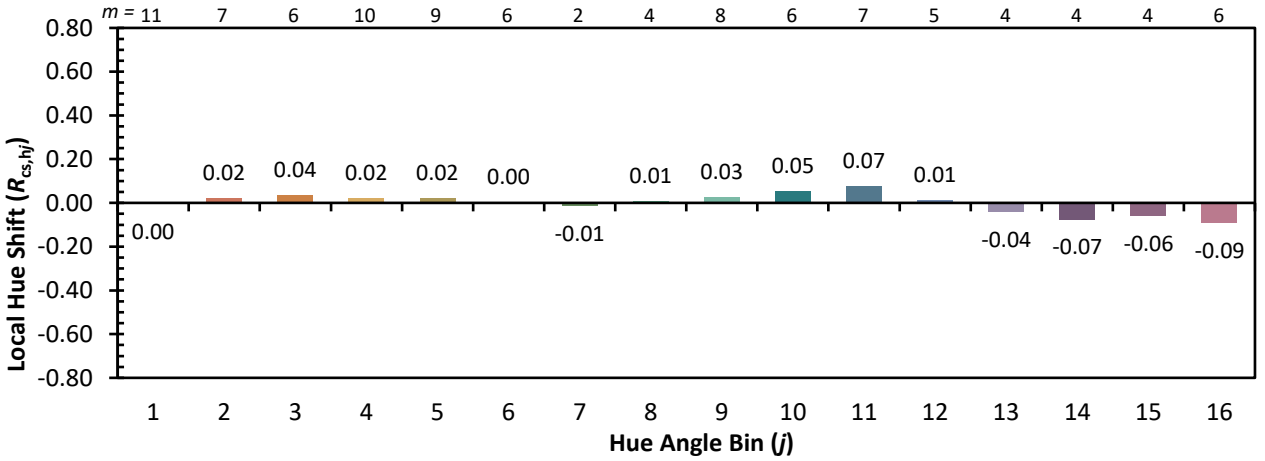
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Peachtree City, GA 30269

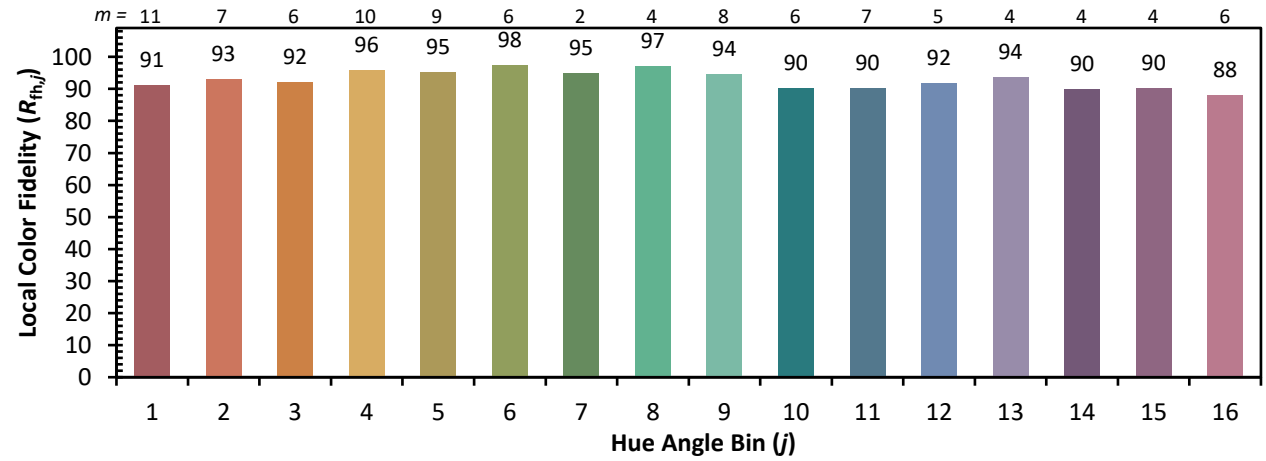
REPORT NUMBER: SP1-2106-271-2

**TM-30-18**

## Color Rendition by Hue-Angle Bin



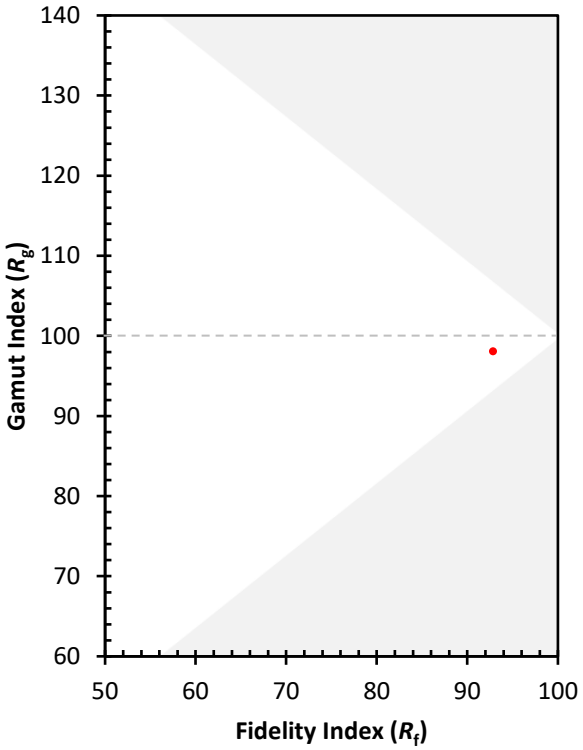



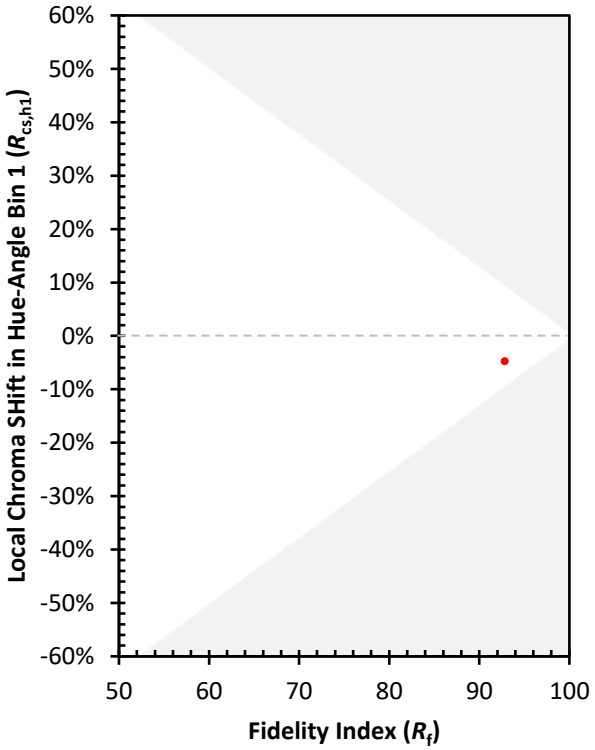
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REPORT NUMBER: SP1-2106-271-2

## TM-30-18

### Measure Comparisons




(END OF REPORT)