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: P1364142

Luminaire Tested: **GSS-SB6D-740-U-SLR**

Issue Date: 02/18/2026

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

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1364142 |
| Test Lab: | INNOVATION CENTER(G1) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SB6D-740-U-SLR |
| Description: | GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 362W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC |
| Light Source: | (156) 4000K CCT, 70 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: | 51552.8 lumens |
| Efficiency: | N/A |
| Efficacy: | 142.4 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B4 - U0 - G5 |

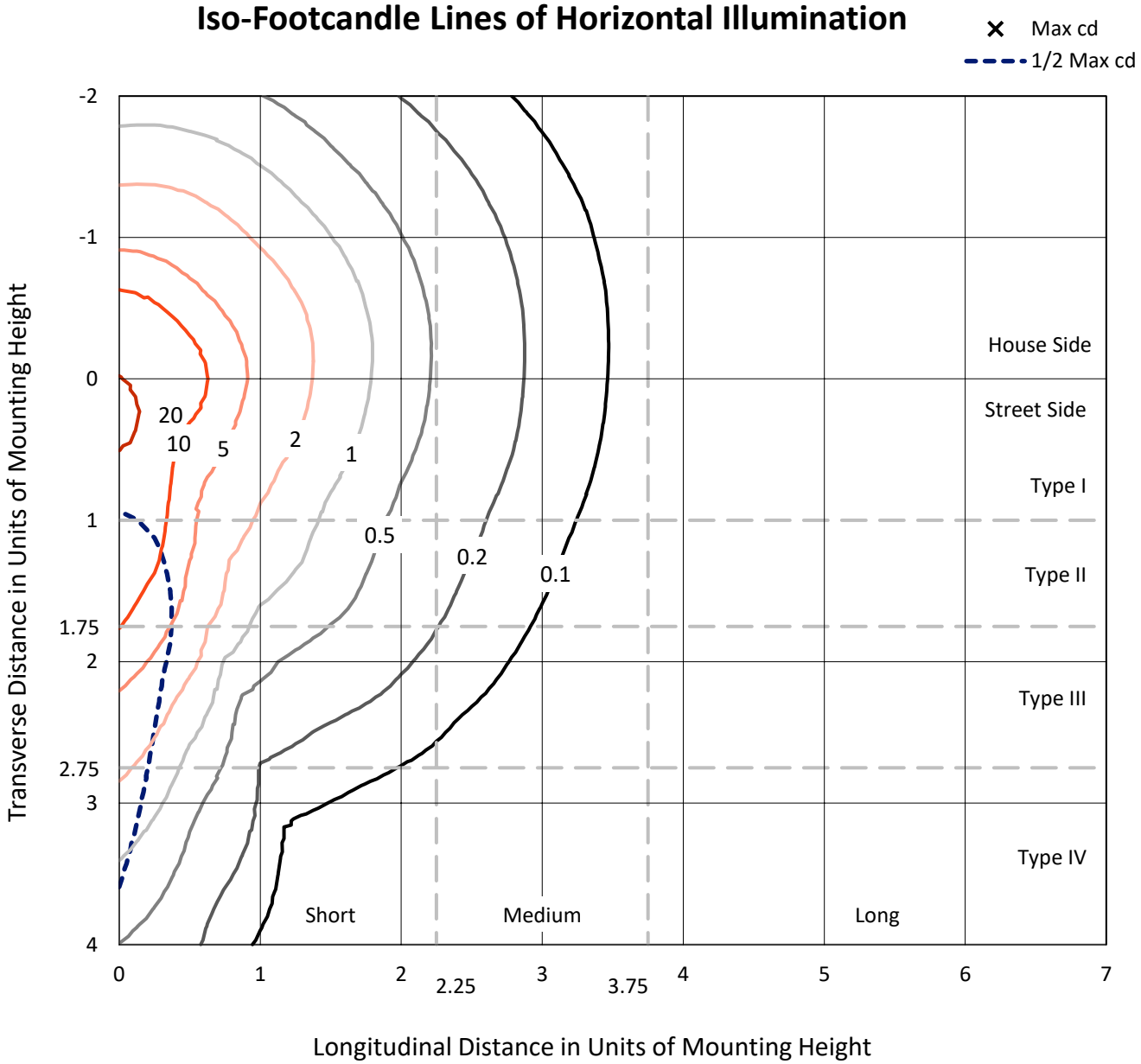
| | |
|---|---|
| Input Watts (W): | 362 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.98 |
| Total Harmonic Distortion (THDi): | -- |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



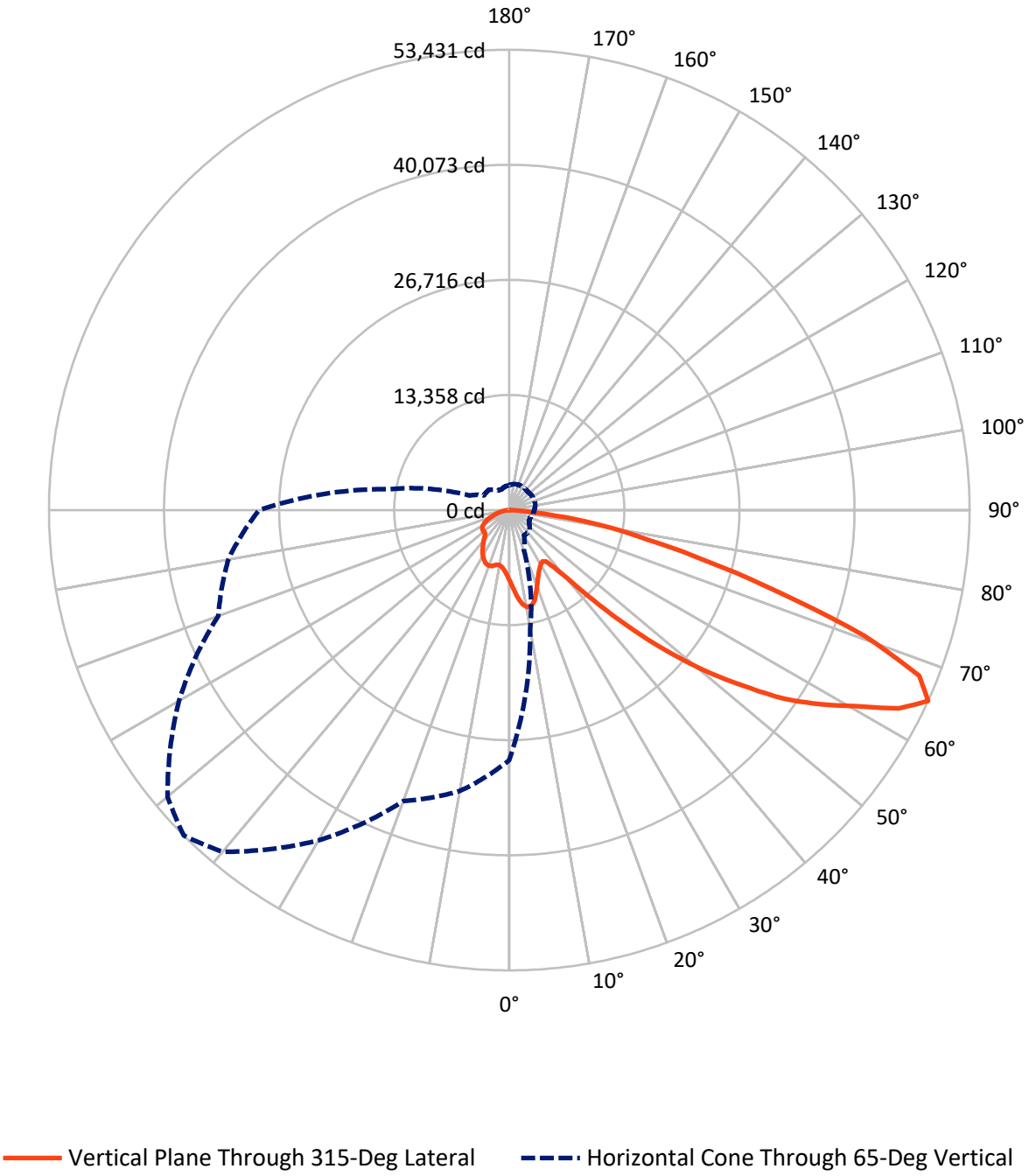

Based on 20 foot mounting height. Maximum calculated value = 24.5 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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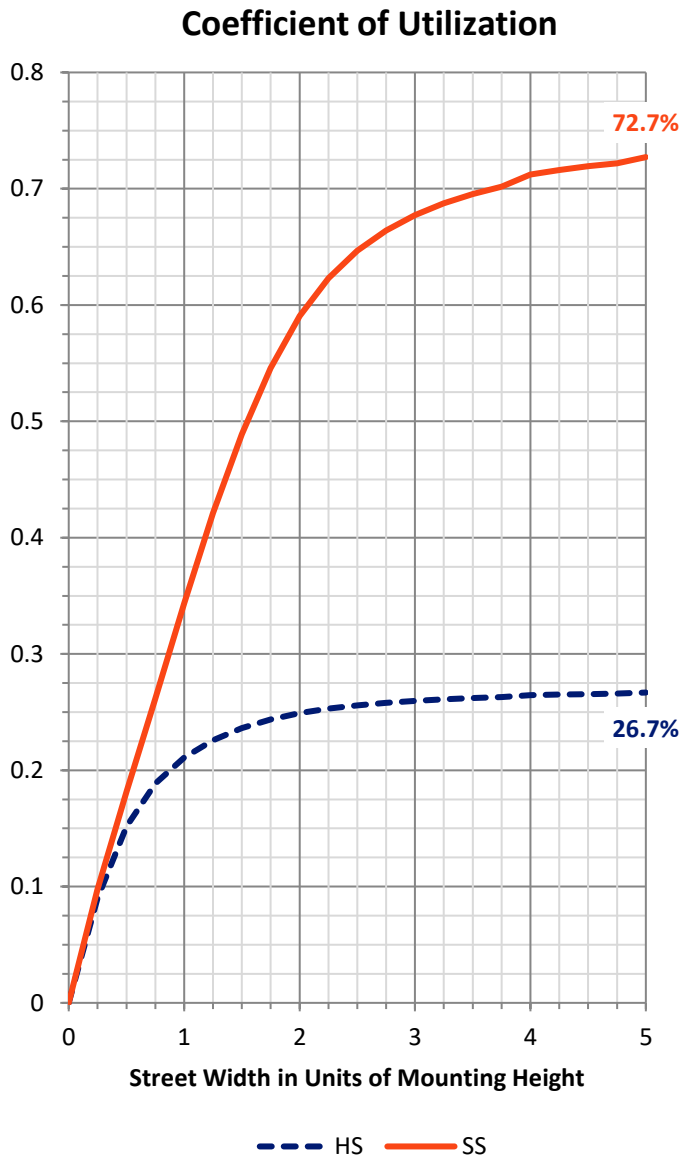
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 13868.8 | 0.0 | 13868.8 |
| | % Fixture | 26.9 | 0.0 | 26.9 |
| **Street Side** | Lumens | 37683.9 | 0.0 | 37683.9 |
| | % Fixture | 73.1 | 0.0 | 73.1 |
| **Total** | Lumens | 51552.8 | 0.0 | 51552.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 811.7 | 1.6 |
| 10°-20° | 2487.3 | 4.8 |
| 20°-30° | 3849.6 | 7.5 |
| 30°-40° | 4776.1 | 9.3 |
| 40°-50° | 6984.2 | 13.5 |
| 50°-60° | 10939.9 | 21.2 |
| 60°-70° | 12980.9 | 25.2 |
| 70°-80° | 7571.1 | 14.7 |
| 80°-90° | 1151.8 | 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° | 51552.8 | 100.0 |
| 0°-180° | 51552.8 | 100.0 |



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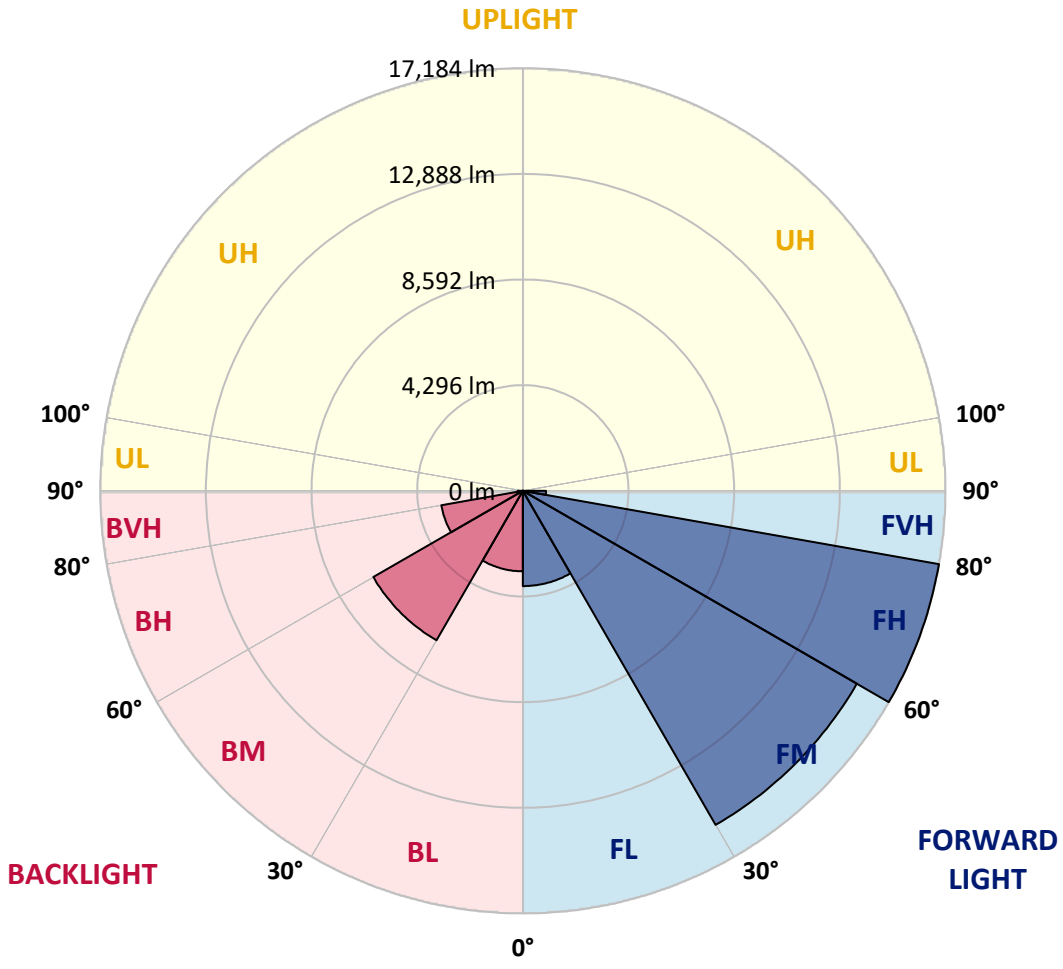
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 3874.6 | 7.5 | | | |
| FM | (30°-60°) | 15683.4 | 30.4 | | | |
| FH | (60°-80°) | 17183.9 | 33.3 | | | G5 |
| FVH | (80°-90°) | 942.0 | 1.8 | | | G5 |
| BL | (0°-30°) | 3274.0 | 6.4 | B4/5000 | | |
| BM | (30°-60°) | 7016.9 | 13.6 | B4/8500 | | |
| BH | (60°-80°) | 3368.2 | 6.5 | B4/5000 | | G4/5000 |
| BVH | (80°-90°) | 209.8 | 0.4 | | | G2/225 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

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



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 |
| 2.5° | 8882.1 | 8801.4 | 8722.0 | 8648.8 | 8575.7 | 8502.6 | 8428.2 | 8357.6 | 8285.7 | 8213.9 | 8150.8 |
| 5° | 9487.2 | 9344.8 | 9203.6 | 9054.8 | 8907.3 | 8762.3 | 8617.3 | 8479.9 | 8343.7 | 8201.3 | 8079.0 |
| 7.5° | 10098.7 | 9859.2 | 9619.6 | 9394.0 | 9168.3 | 8966.6 | 8764.8 | 8584.5 | 8403.0 | 8213.9 | 8066.4 |
| 10° | 10483.3 | 10197.1 | 9909.6 | 9629.7 | 9348.6 | 9100.2 | 8850.6 | 8642.5 | 8434.5 | 8232.8 | 8075.2 |
| 12.5° | 10678.7 | 10393.7 | 10108.8 | 9794.9 | 9480.9 | 9202.3 | 8923.7 | 8694.2 | 8466.0 | 8245.4 | 8091.6 |
| 15° | 10773.2 | 10484.5 | 10197.1 | 9878.1 | 9559.1 | 9259.0 | 8957.7 | 8699.3 | 8440.8 | 8195.0 | 8058.8 |
| 17.5° | 10798.4 | 10528.6 | 10260.1 | 9919.7 | 9579.3 | 9236.4 | 8894.7 | 8593.4 | 8293.3 | 8005.9 | 7889.9 |
| 20° | 10880.4 | 10608.1 | 10335.7 | 9970.1 | 9604.5 | 9202.3 | 8800.1 | 8404.3 | 8008.4 | 7627.6 | 7554.5 |
| 22.5° | 10968.6 | 10719.0 | 10470.6 | 10068.5 | 9667.5 | 9175.8 | 8684.1 | 8187.4 | 7690.7 | 7236.8 | 7167.4 |
| 25° | 11107.3 | 10891.7 | 10676.1 | 10237.4 | 9798.7 | 9173.3 | 8548.0 | 7928.9 | 7309.9 | 6789.2 | 6782.9 |
| 27.5° | 11309.1 | 11143.9 | 10978.7 | 10484.5 | 9991.6 | 9197.3 | 8403.0 | 7664.2 | 6924.1 | 6392.1 | 6423.6 |
| 30° | 11592.7 | 11462.9 | 11334.3 | 10777.0 | 10218.5 | 9249.0 | 8280.7 | 7433.5 | 6587.5 | 6070.6 | 6104.6 |
| 32.5° | 11939.4 | 11858.7 | 11778.1 | 11121.2 | 10464.3 | 9307.0 | 8150.8 | 7231.7 | 6313.9 | 5837.3 | 5837.3 |
| 35° | 12525.7 | 12424.8 | 12324.0 | 11486.8 | 10650.9 | 9293.1 | 7936.5 | 7002.3 | 6066.8 | 5698.7 | 5620.5 |
| 37.5° | 13269.5 | 13149.8 | 13030.0 | 11933.1 | 10836.3 | 9254.0 | 7671.7 | 6747.6 | 5824.7 | 5534.8 | 5386.0 |
| 40° | 14366.4 | 14130.6 | 13893.6 | 12443.7 | 10993.9 | 9165.8 | 7337.6 | 6443.8 | 5549.9 | 5320.4 | 5133.8 |
| 42.5° | 15904.5 | 15405.3 | 14904.7 | 13008.6 | 11109.9 | 9013.2 | 6915.3 | 6081.9 | 5247.3 | 5087.2 | 4856.5 |
| 45° | 17814.6 | 17014.0 | 16213.4 | 13775.1 | 11336.8 | 8908.6 | 6480.3 | 5713.8 | 4948.5 | 4803.5 | 4574.1 |
| 47.5° | 19642.7 | 18629.0 | 17615.4 | 14563.1 | 11510.8 | 8786.3 | 6061.8 | 5348.2 | 4637.1 | 4469.4 | 4255.1 |
| 50° | 21760.8 | 20386.6 | 19012.3 | 15250.2 | 11488.1 | 8578.2 | 5667.1 | 5022.9 | 4377.4 | 4147.9 | 3936.1 |
| 52.5° | 24477.7 | 22295.3 | 20111.7 | 15575.5 | 11038.0 | 8152.1 | 5267.5 | 4730.4 | 4195.8 | 3902.1 | 3675.1 |
| 55° | 27724.2 | 24213.0 | 20701.7 | 15489.7 | 10277.7 | 7587.3 | 4894.3 | 4485.8 | 4074.8 | 3782.3 | 3515.0 |
| 57.5° | 31033.7 | 25823.0 | 20613.5 | 15022.0 | 9430.5 | 6996.0 | 4561.4 | 4279.0 | 3996.6 | 3750.8 | 3423.0 |
| 60° | 33517.4 | 26544.1 | 19569.6 | 13901.2 | 8232.8 | 6248.3 | 4263.9 | 4066.0 | 3868.0 | 3675.1 | 3347.3 |
| 62.5° | 32489.9 | 24944.2 | 17398.5 | 12064.2 | 6730.0 | 5300.3 | 3870.5 | 3759.6 | 3649.9 | 3568.0 | 3255.3 |
| 65° | *29022.8* | *21514.9* | *14007.1* | *9463.3* | *4919.5* | *4165.6* | *3410.4* | *3386.4* | *3363.7* | *3341.0* | *3082.6* |
| 67.5° | 25770.0 | 18477.8 | 11185.5 | 7364.1 | 3542.7 | 3184.7 | 2826.6 | 2893.5 | 2960.3 | 2994.3 | 2817.8 |
| 70° | 22655.9 | 15697.8 | 8739.6 | 5643.2 | 2546.7 | 2420.7 | 2294.6 | 2394.2 | 2493.8 | 2483.7 | 2398.0 |
| 72.5° | 19447.3 | 13035.0 | 6621.5 | 4242.5 | 1863.4 | 1860.9 | 1859.6 | 1935.3 | 2010.9 | 1910.1 | 1964.3 |
| 75° | 15923.4 | 10407.6 | 4891.8 | 3144.3 | 1396.9 | 1388.1 | 1380.5 | 1470.1 | 1560.8 | 1601.2 | 1636.5 |
| 77.5° | 10590.4 | 6828.3 | 3066.2 | 2032.4 | 998.5 | 1006.1 | 1011.1 | 1109.5 | 1207.8 | 1323.8 | 1330.1 |
| 80° | 6215.6 | 3914.7 | 1613.8 | 1123.3 | 632.9 | 640.5 | 645.5 | 748.9 | 851.0 | 1014.9 | 1008.6 |
| 82.5° | 3107.8 | 1961.7 | 817.0 | 603.9 | 390.8 | 392.1 | 393.4 | 443.8 | 494.2 | 586.3 | 611.5 |
| 85° | 706.0 | 466.5 | 226.9 | 191.6 | 157.6 | 165.2 | 174.0 | 206.8 | 239.5 | 290.0 | 305.1 |
| 87.5° | 56.7 | 55.5 | 53.0 | 51.7 | 50.4 | 53.0 | 56.7 | 63.0 | 69.3 | 75.6 | 88.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 |
| 2.5° | 8082.8 | 8015.9 | 7963.0 | 7911.3 | 7865.9 | 7819.3 | 7765.0 | 7709.6 | 7670.5 | 7630.1 | 7603.7 |
| 5° | 7957.9 | 7839.4 | 7741.1 | 7642.8 | 7562.1 | 7478.9 | 7405.7 | 7331.3 | 7273.3 | 7214.1 | 7166.2 |
| 7.5° | 7918.9 | 7772.6 | 7645.3 | 7516.7 | 7408.2 | 7299.8 | 7209.0 | 7117.0 | 7030.0 | 6944.3 | 6888.8 |
| 10° | 7920.1 | 7766.3 | 7635.2 | 7504.1 | 7389.3 | 7274.6 | 7154.8 | 7035.1 | 6939.2 | 6843.4 | 6760.2 |
| 12.5° | 7963.0 | 7835.6 | 7743.6 | 7652.8 | 7546.9 | 7441.0 | 7298.6 | 7154.8 | 7025.0 | 6896.4 | 6794.3 |
| 15° | 7975.6 | 7892.4 | 7884.8 | 7877.3 | 7840.7 | 7804.1 | 7671.7 | 7539.4 | 7360.3 | 7180.1 | 7033.8 |
| 17.5° | 7878.5 | 7867.2 | 7992.0 | 8116.8 | 8188.7 | 8260.5 | 8168.5 | 8075.2 | 7823.0 | 7570.9 | 7352.8 |
| 20° | 7626.4 | 7697.0 | 7941.6 | 8184.9 | 8379.0 | 8573.2 | 8563.1 | 8554.3 | 8225.2 | 7894.9 | 7608.7 |
| 22.5° | 7273.3 | 7378.0 | 7697.0 | 8015.9 | 8295.8 | 8575.7 | 8647.6 | 8718.2 | 8395.4 | 8071.4 | 7718.4 |
| 25° | 6897.6 | 7012.4 | 7307.4 | 7602.4 | 7903.7 | 8205.1 | 8338.7 | 8472.3 | 8206.3 | 7940.3 | 7597.4 |
| 27.5° | 6533.3 | 6644.2 | 6863.6 | 7083.0 | 7325.0 | 7567.1 | 7717.1 | 7867.2 | 7704.5 | 7541.9 | 7264.5 |
| 30° | 6190.4 | 6276.1 | 6434.9 | 6593.8 | 6757.7 | 6921.6 | 7041.4 | 7161.1 | 7054.0 | 6946.8 | 6747.6 |
| 32.5° | 5873.9 | 5910.5 | 6013.8 | 6117.2 | 6239.5 | 6360.6 | 6427.4 | 6492.9 | 6409.7 | 6326.5 | 6195.4 |
| 35° | 5590.2 | 5560.0 | 5628.0 | 5696.1 | 5794.5 | 5894.1 | 5944.5 | 5994.9 | 5925.6 | 5856.2 | 5739.0 |
| 37.5° | 5305.3 | 5222.1 | 5254.9 | 5285.1 | 5369.6 | 5452.8 | 5524.7 | 5597.8 | 5547.4 | 5496.9 | 5397.3 |
| 40° | 5012.8 | 4891.8 | 4889.2 | 4885.5 | 4966.1 | 5045.6 | 5136.4 | 5225.9 | 5217.0 | 5207.0 | 5112.4 |
| 42.5° | 4702.6 | 4548.8 | 4532.4 | 4516.1 | 4595.5 | 4674.9 | 4770.7 | 4866.5 | 4885.5 | 4904.4 | 4826.2 |
| 45° | 4415.2 | 4258.9 | 4233.6 | 4208.4 | 4276.5 | 4347.1 | 4451.8 | 4557.7 | 4601.8 | 4645.9 | 4575.3 |
| 47.5° | 4120.2 | 3984.0 | 3968.9 | 3952.5 | 4024.4 | 4097.5 | 4213.5 | 4330.7 | 4377.4 | 4425.3 | 4377.4 |
| 50° | 3825.2 | 3712.9 | 3731.9 | 3750.8 | 3830.2 | 3908.4 | 3999.1 | 4091.2 | 4178.2 | 4263.9 | 4255.1 |
| 52.5° | 3591.9 | 3507.4 | 3566.7 | 3624.7 | 3696.6 | 3769.7 | 3864.2 | 3958.8 | 4049.6 | 4141.6 | 4155.5 |
| 55° | 3421.7 | 3328.4 | 3411.6 | 3494.8 | 3581.8 | 3668.8 | 3757.1 | 3845.3 | 3931.1 | 4015.5 | 4034.4 |
| 57.5° | 3291.9 | 3162.0 | 3245.2 | 3328.4 | 3423.0 | 3517.5 | 3605.8 | 3694.0 | 3793.6 | 3893.2 | 3908.4 |
| 60° | 3183.4 | 3019.5 | 3075.0 | 3129.2 | 3226.3 | 3322.1 | 3414.1 | 3504.9 | 3605.8 | 3706.6 | 3726.8 |
| 62.5° | 3041.0 | 2826.6 | 2834.2 | 2839.2 | 2948.9 | 3057.4 | 3133.0 | 3208.6 | 3304.5 | 3401.5 | 3430.5 |
| 65° | *2851.8* | *2622.4* | *2597.2* | *2572.0* | *2675.3* | *2780.0* | *2839.2* | *2899.8* | *2983.0* | *3066.2* | *3095.2* |
| 67.5° | 2614.8 | 2410.6 | 2358.9 | 2307.2 | 2403.0 | 2498.8 | 2548.0 | 2597.2 | 2653.9 | 2710.6 | 2743.4 |
| 70° | 2276.9 | 2155.9 | 2123.1 | 2090.3 | 2168.5 | 2246.7 | 2289.5 | 2332.4 | 2377.8 | 2423.2 | 2440.8 |
| 72.5° | 1936.5 | 1910.1 | 1886.1 | 1863.4 | 1922.7 | 1981.9 | 2018.5 | 2055.0 | 2097.9 | 2140.8 | 2150.9 |
| 75° | 1621.3 | 1607.5 | 1589.8 | 1573.4 | 1618.8 | 1664.2 | 1691.9 | 1720.9 | 1765.1 | 1809.2 | 1828.1 |
| 77.5° | 1297.3 | 1263.3 | 1245.6 | 1225.5 | 1267.1 | 1308.7 | 1335.1 | 1361.6 | 1398.2 | 1434.7 | 1439.8 |
| 80° | 968.3 | 926.7 | 912.8 | 897.7 | 927.9 | 958.2 | 968.3 | 977.1 | 1007.4 | 1036.3 | 1036.3 |
| 82.5° | 611.5 | 611.5 | 602.6 | 592.6 | 586.3 | 580.0 | 567.3 | 554.7 | 585.0 | 615.3 | 625.3 |
| 85° | 307.6 | 308.9 | 295.0 | 279.9 | 262.2 | 242.1 | 238.3 | 233.2 | 232.0 | 229.5 | 238.3 |
| 87.5° | 95.8 | 103.4 | 110.9 | 116.0 | 123.6 | 128.6 | 124.8 | 119.8 | 114.7 | 110.9 | 100.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CATALOG NUMBER: GSS-SB6D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 |
| 2.5° | 7577.2 | 7564.6 | 7552.0 | 7541.9 | 7533.1 | 7526.8 | 7533.1 | 7541.9 | 7552.0 | 7564.6 | 7577.2 |
| 5° | 7117.0 | 7096.8 | 7075.4 | 7061.5 | 7047.7 | 7035.1 | 7047.7 | 7061.5 | 7075.4 | 7096.8 | 7117.0 |
| 7.5° | 6833.3 | 6800.6 | 6767.8 | 6743.8 | 6719.9 | 6707.3 | 6719.9 | 6743.8 | 6767.8 | 6800.6 | 6833.3 |
| 10° | 6679.5 | 6632.9 | 6587.5 | 6562.3 | 6537.1 | 6518.1 | 6537.1 | 6562.3 | 6587.5 | 6632.9 | 6679.5 |
| 12.5° | 6692.1 | 6634.1 | 6578.7 | 6540.8 | 6503.0 | 6480.3 | 6503.0 | 6540.8 | 6578.7 | 6634.1 | 6692.1 |
| 15° | 6886.3 | 6805.6 | 6722.4 | 6675.7 | 6629.1 | 6593.8 | 6629.1 | 6675.7 | 6722.4 | 6805.6 | 6886.3 |
| 17.5° | 7135.9 | 7017.4 | 6898.9 | 6857.3 | 6814.4 | 6795.5 | 6814.4 | 6857.3 | 6898.9 | 7017.4 | 7135.9 |
| 20° | 7322.5 | 7163.7 | 7007.3 | 6944.3 | 6881.2 | 6858.6 | 6881.2 | 6944.3 | 7007.3 | 7163.7 | 7322.5 |
| 22.5° | 7365.4 | 7178.8 | 6990.9 | 6931.7 | 6871.2 | 6845.9 | 6871.2 | 6931.7 | 6990.9 | 7178.8 | 7365.4 |
| 25° | 7255.7 | 7059.0 | 6861.1 | 6800.6 | 6738.8 | 6719.9 | 6738.8 | 6800.6 | 6861.1 | 7059.0 | 7255.7 |
| 27.5° | 6987.2 | 6813.2 | 6637.9 | 6573.6 | 6508.1 | 6467.7 | 6508.1 | 6573.6 | 6637.9 | 6813.2 | 6987.2 |
| 30° | 6549.7 | 6419.8 | 6291.2 | 6250.9 | 6209.3 | 6190.4 | 6209.3 | 6250.9 | 6291.2 | 6419.8 | 6549.7 |
| 32.5° | 6064.3 | 5983.6 | 5902.9 | 5876.4 | 5849.9 | 5837.3 | 5849.9 | 5876.4 | 5902.9 | 5983.6 | 6064.3 |
| 35° | 5623.0 | 5565.0 | 5507.0 | 5485.6 | 5465.4 | 5446.5 | 5465.4 | 5485.6 | 5507.0 | 5565.0 | 5623.0 |
| 37.5° | 5297.7 | 5229.6 | 5159.0 | 5121.2 | 5083.4 | 5055.7 | 5083.4 | 5121.2 | 5159.0 | 5229.6 | 5297.7 |
| 40° | 5017.8 | 4919.5 | 4822.4 | 4770.7 | 4717.8 | 4690.0 | 4717.8 | 4770.7 | 4822.4 | 4919.5 | 5017.8 |
| 42.5° | 4746.8 | 4633.3 | 4519.8 | 4440.4 | 4362.2 | 4311.8 | 4362.2 | 4440.4 | 4519.8 | 4633.3 | 4746.8 |
| 45° | 4503.4 | 4376.1 | 4248.8 | 4154.2 | 4059.7 | 3996.6 | 4059.7 | 4154.2 | 4248.8 | 4376.1 | 4503.4 |
| 47.5° | 4330.7 | 4221.0 | 4110.1 | 4026.9 | 3943.7 | 3883.2 | 3943.7 | 4026.9 | 4110.1 | 4221.0 | 4330.7 |
| 50° | 4246.3 | 4159.3 | 4072.3 | 3994.1 | 3914.7 | 3857.9 | 3914.7 | 3994.1 | 4072.3 | 4159.3 | 4246.3 |
| 52.5° | 4170.6 | 4107.6 | 4044.5 | 3976.4 | 3908.4 | 3857.9 | 3908.4 | 3976.4 | 4044.5 | 4107.6 | 4170.6 |
| 55° | 4053.4 | 4008.0 | 3961.3 | 3910.9 | 3860.5 | 3820.1 | 3860.5 | 3910.9 | 3961.3 | 4008.0 | 4053.4 |
| 57.5° | 3923.5 | 3875.6 | 3826.4 | 3788.6 | 3750.8 | 3731.9 | 3750.8 | 3788.6 | 3826.4 | 3875.6 | 3923.5 |
| 60° | 3747.0 | 3709.2 | 3671.3 | 3636.0 | 3599.5 | 3568.0 | 3599.5 | 3636.0 | 3671.3 | 3709.2 | 3747.0 |
| 62.5° | 3460.8 | 3443.1 | 3426.8 | 3386.4 | 3347.3 | 3303.2 | 3347.3 | 3386.4 | 3426.8 | 3443.1 | 3460.8 |
| 65° | *3124.2* | *3115.3* | *3107.8* | *3078.8* | *3051.0* | *3000.6* | *3051.0* | *3078.8* | *3107.8* | *3115.3* | *3124.2* |
| 67.5° | 2776.2 | 2759.8 | 2742.2 | 2711.9 | 2682.9 | 2672.8 | 2682.9 | 2711.9 | 2742.2 | 2759.8 | 2776.2 |
| 70° | 2458.5 | 2433.3 | 2408.1 | 2340.0 | 2271.9 | 2193.7 | 2271.9 | 2340.0 | 2408.1 | 2433.3 | 2458.5 |
| 72.5° | 2162.2 | 2123.1 | 2082.8 | 2003.4 | 1922.7 | 1840.7 | 1922.7 | 2003.4 | 2082.8 | 2123.1 | 2162.2 |
| 75° | 1847.0 | 1791.5 | 1737.3 | 1652.9 | 1569.7 | 1512.9 | 1569.7 | 1652.9 | 1737.3 | 1791.5 | 1847.0 |
| 77.5° | 1447.4 | 1399.4 | 1351.5 | 1301.1 | 1250.7 | 1222.9 | 1250.7 | 1301.1 | 1351.5 | 1399.4 | 1447.4 |
| 80° | 1036.3 | 1001.0 | 964.5 | 939.3 | 914.1 | 895.1 | 914.1 | 939.3 | 964.5 | 1001.0 | 1036.3 |
| 82.5° | 636.7 | 620.3 | 605.2 | 577.4 | 548.4 | 529.5 | 548.4 | 577.4 | 605.2 | 620.3 | 636.7 |
| 85° | 245.8 | 242.1 | 239.5 | 229.5 | 220.6 | 214.3 | 220.6 | 229.5 | 239.5 | 242.1 | 245.8 |
| 87.5° | 90.8 | 83.2 | 75.6 | 70.6 | 65.6 | 63.0 | 65.6 | 70.6 | 75.6 | 83.2 | 90.8 |
| 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: P1364142
CATALOG NUMBER: GSS-SB6D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 |
| 2.5° | 7603.7 | 7630.1 | 7670.5 | 7709.6 | 7765.0 | 7819.3 | 7865.9 | 7911.3 | 7963.0 | 8015.9 | 8082.8 |
| 5° | 7166.2 | 7214.1 | 7273.3 | 7331.3 | 7405.7 | 7478.9 | 7562.1 | 7642.8 | 7741.1 | 7839.4 | 7957.9 |
| 7.5° | 6888.8 | 6944.3 | 7030.0 | 7117.0 | 7209.0 | 7299.8 | 7408.2 | 7516.7 | 7645.3 | 7772.6 | 7918.9 |
| 10° | 6760.2 | 6843.4 | 6939.2 | 7035.1 | 7154.8 | 7274.6 | 7389.3 | 7504.1 | 7635.2 | 7766.3 | 7920.1 |
| 12.5° | 6794.3 | 6896.4 | 7025.0 | 7154.8 | 7298.6 | 7441.0 | 7546.9 | 7652.8 | 7743.6 | 7835.6 | 7963.0 |
| 15° | 7033.8 | 7180.1 | 7360.3 | 7539.4 | 7671.7 | 7804.1 | 7840.7 | 7877.3 | 7884.8 | 7892.4 | 7975.6 |
| 17.5° | 7352.8 | 7570.9 | 7823.0 | 8075.2 | 8168.5 | 8260.5 | 8188.7 | 8116.8 | 7992.0 | 7867.2 | 7878.5 |
| 20° | 7608.7 | 7894.9 | 8225.2 | 8554.3 | 8563.1 | 8573.2 | 8379.0 | 8184.9 | 7941.6 | 7697.0 | 7626.4 |
| 22.5° | 7718.4 | 8071.4 | 8395.4 | 8718.2 | 8647.6 | 8575.7 | 8295.8 | 8015.9 | 7697.0 | 7378.0 | 7273.3 |
| 25° | 7597.4 | 7940.3 | 8206.3 | 8472.3 | 8338.7 | 8205.1 | 7903.7 | 7602.4 | 7307.4 | 7012.4 | 6897.6 |
| 27.5° | 7264.5 | 7541.9 | 7704.5 | 7867.2 | 7717.1 | 7567.1 | 7325.0 | 7083.0 | 6863.6 | 6644.2 | 6533.3 |
| 30° | 6747.6 | 6946.8 | 7054.0 | 7161.1 | 7041.4 | 6921.6 | 6757.7 | 6593.8 | 6434.9 | 6276.1 | 6190.4 |
| 32.5° | 6195.4 | 6326.5 | 6409.7 | 6492.9 | 6427.4 | 6360.6 | 6239.5 | 6117.2 | 6013.8 | 5910.5 | 5873.9 |
| 35° | 5739.0 | 5856.2 | 5925.6 | 5994.9 | 5944.5 | 5894.1 | 5794.5 | 5696.1 | 5628.0 | 5560.0 | 5590.2 |
| 37.5° | 5397.3 | 5496.9 | 5547.4 | 5597.8 | 5524.7 | 5452.8 | 5369.6 | 5285.1 | 5254.9 | 5222.1 | 5305.3 |
| 40° | 5112.4 | 5207.0 | 5217.0 | 5225.9 | 5136.4 | 5045.6 | 4966.1 | 4885.5 | 4889.2 | 4891.8 | 5012.8 |
| 42.5° | 4826.2 | 4904.4 | 4885.5 | 4866.5 | 4770.7 | 4674.9 | 4595.5 | 4516.1 | 4532.4 | 4548.8 | 4702.6 |
| 45° | 4575.3 | 4645.9 | 4601.8 | 4557.7 | 4451.8 | 4347.1 | 4276.5 | 4208.4 | 4233.6 | 4258.9 | 4415.2 |
| 47.5° | 4377.4 | 4425.3 | 4377.4 | 4330.7 | 4213.5 | 4097.5 | 4024.4 | 3952.5 | 3968.9 | 3984.0 | 4120.2 |
| 50° | 4255.1 | 4263.9 | 4178.2 | 4091.2 | 3999.1 | 3908.4 | 3830.2 | 3750.8 | 3731.9 | 3712.9 | 3825.2 |
| 52.5° | 4155.5 | 4141.6 | 4049.6 | 3958.8 | 3864.2 | 3769.7 | 3696.6 | 3624.7 | 3566.7 | 3507.4 | 3591.9 |
| 55° | 4034.4 | 4015.5 | 3931.1 | 3845.3 | 3757.1 | 3668.8 | 3581.8 | 3494.8 | 3411.6 | 3328.4 | 3421.7 |
| 57.5° | 3908.4 | 3893.2 | 3793.6 | 3694.0 | 3605.8 | 3517.5 | 3423.0 | 3328.4 | 3245.2 | 3162.0 | 3291.9 |
| 60° | 3726.8 | 3706.6 | 3605.8 | 3504.9 | 3414.1 | 3322.1 | 3226.3 | 3129.2 | 3075.0 | 3019.5 | 3183.4 |
| 62.5° | 3430.5 | 3401.5 | 3304.5 | 3208.6 | 3133.0 | 3057.4 | 2948.9 | 2839.2 | 2834.2 | 2826.6 | 3041.0 |
| 65° | *3095.2* | *3066.2* | *2983.0* | *2899.8* | *2839.2* | *2780.0* | *2675.3* | *2572.0* | *2597.2* | *2622.4* | *2851.8* |
| 67.5° | 2743.4 | 2710.6 | 2653.9 | 2597.2 | 2548.0 | 2498.8 | 2403.0 | 2307.2 | 2358.9 | 2410.6 | 2614.8 |
| 70° | 2440.8 | 2423.2 | 2377.8 | 2332.4 | 2289.5 | 2246.7 | 2168.5 | 2090.3 | 2123.1 | 2155.9 | 2276.9 |
| 72.5° | 2150.9 | 2140.8 | 2097.9 | 2055.0 | 2018.5 | 1981.9 | 1922.7 | 1863.4 | 1886.1 | 1910.1 | 1936.5 |
| 75° | 1828.1 | 1809.2 | 1765.1 | 1720.9 | 1691.9 | 1664.2 | 1618.8 | 1573.4 | 1589.8 | 1607.5 | 1621.3 |
| 77.5° | 1439.8 | 1434.7 | 1398.2 | 1361.6 | 1335.1 | 1308.7 | 1267.1 | 1225.5 | 1245.6 | 1263.3 | 1297.3 |
| 80° | 1036.3 | 1036.3 | 1007.4 | 977.1 | 968.3 | 958.2 | 927.9 | 897.7 | 912.8 | 926.7 | 968.3 |
| 82.5° | 625.3 | 615.3 | 585.0 | 554.7 | 567.3 | 580.0 | 586.3 | 592.6 | 602.6 | 611.5 | 611.5 |
| 85° | 238.3 | 229.5 | 232.0 | 233.2 | 238.3 | 242.1 | 262.2 | 279.9 | 295.0 | 308.9 | 307.6 |
| 87.5° | 100.9 | 110.9 | 114.7 | 119.8 | 124.8 | 128.6 | 123.6 | 116.0 | 110.9 | 103.4 | 95.8 |
| 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
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Peachtree City, GA 30269

Scaled Data Report

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**CANDELA DISTRIBUTION (continued):**

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 |
| 2.5° | 8150.8 | 8213.9 | 8285.7 | 8357.6 | 8428.2 | 8502.6 | 8575.7 | 8648.8 | 8722.0 | 8801.4 | 8882.1 |
| 5° | 8079.0 | 8201.3 | 8343.7 | 8479.9 | 8617.3 | 8762.3 | 8907.3 | 9054.8 | 9203.6 | 9344.8 | 9487.2 |
| 7.5° | 8066.4 | 8213.9 | 8403.0 | 8584.5 | 8764.8 | 8966.6 | 9168.3 | 9394.0 | 9619.6 | 9859.2 | 10098.7 |
| 10° | 8075.2 | 8232.8 | 8434.5 | 8642.5 | 8850.6 | 9100.2 | 9348.6 | 9629.7 | 9909.6 | 10197.1 | 10483.3 |
| 12.5° | 8091.6 | 8245.4 | 8466.0 | 8694.2 | 8923.7 | 9202.3 | 9480.9 | 9794.9 | 10108.8 | 10393.7 | 10678.7 |
| 15° | 8058.8 | 8195.0 | 8440.8 | 8699.3 | 8957.7 | 9259.0 | 9559.1 | 9878.1 | 10197.1 | 10484.5 | 10773.2 |
| 17.5° | 7889.9 | 8005.9 | 8293.3 | 8593.4 | 8894.7 | 9236.4 | 9579.3 | 9919.7 | 10260.1 | 10528.6 | 10798.4 |
| 20° | 7554.5 | 7627.6 | 8008.4 | 8404.3 | 8800.1 | 9202.3 | 9604.5 | 9970.1 | 10335.7 | 10608.1 | 10880.4 |
| 22.5° | 7167.4 | 7236.8 | 7690.7 | 8187.4 | 8684.1 | 9175.8 | 9667.5 | 10068.5 | 10470.6 | 10719.0 | 10968.6 |
| 25° | 6782.9 | 6789.2 | 7309.9 | 7928.9 | 8548.0 | 9173.3 | 9798.7 | 10237.4 | 10676.1 | 10891.7 | 11107.3 |
| 27.5° | 6423.6 | 6392.1 | 6924.1 | 7664.2 | 8403.0 | 9197.3 | 9991.6 | 10484.5 | 10978.7 | 11143.9 | 11309.1 |
| 30° | 6104.6 | 6070.6 | 6587.5 | 7433.5 | 8280.7 | 9249.0 | 10218.5 | 10777.0 | 11334.3 | 11462.9 | 11592.7 |
| 32.5° | 5837.3 | 5837.3 | 6313.9 | 7231.7 | 8150.8 | 9307.0 | 10464.3 | 11121.2 | 11778.1 | 11858.7 | 11939.4 |
| 35° | 5620.5 | 5698.7 | 6066.8 | 7002.3 | 7936.5 | 9293.1 | 10650.9 | 11486.8 | 12324.0 | 12424.8 | 12525.7 |
| 37.5° | 5386.0 | 5534.8 | 5824.7 | 6747.6 | 7671.7 | 9254.0 | 10836.3 | 11933.1 | 13030.0 | 13149.8 | 13269.5 |
| 40° | 5133.8 | 5320.4 | 5549.9 | 6443.8 | 7337.6 | 9165.8 | 10993.9 | 12443.7 | 13893.6 | 14130.6 | 14366.4 |
| 42.5° | 4856.5 | 5087.2 | 5247.3 | 6081.9 | 6915.3 | 9013.2 | 11109.9 | 13008.6 | 14904.7 | 15405.3 | 15904.5 |
| 45° | 4574.1 | 4803.5 | 4948.5 | 5713.8 | 6480.3 | 8908.6 | 11336.8 | 13775.1 | 16213.4 | 17014.0 | 17814.6 |
| 47.5° | 4255.1 | 4469.4 | 4637.1 | 5348.2 | 6061.8 | 8786.3 | 11510.8 | 14563.1 | 17615.4 | 18629.0 | 19642.7 |
| 50° | 3936.1 | 4147.9 | 4377.4 | 5022.9 | 5667.1 | 8578.2 | 11488.1 | 15250.2 | 19012.3 | 20386.6 | 21760.8 |
| 52.5° | 3675.1 | 3902.1 | 4195.8 | 4730.4 | 5267.5 | 8152.1 | 11038.0 | 15575.5 | 20111.7 | 22295.3 | 24477.7 |
| 55° | 3515.0 | 3782.3 | 4074.8 | 4485.8 | 4894.3 | 7587.3 | 10277.7 | 15489.7 | 20701.7 | 24213.0 | 27724.2 |
| 57.5° | 3423.0 | 3750.8 | 3996.6 | 4279.0 | 4561.4 | 6996.0 | 9430.5 | 15022.0 | 20613.5 | 25823.0 | 31033.7 |
| 60° | 3347.3 | 3675.1 | 3868.0 | 4066.0 | 4263.9 | 6248.3 | 8232.8 | 13901.2 | 19569.6 | 26544.1 | 33517.4 |
| 62.5° | 3255.3 | 3568.0 | 3649.9 | 3759.6 | 3870.5 | 5300.3 | 6730.0 | 12064.2 | 17398.5 | 24944.2 | 32489.9 |
| 65° | *3082.6* | *3341.0* | *3363.7* | *3386.4* | *3410.4* | *4165.6* | *4919.5* | *9463.3* | *14007.1* | *21514.9* | *29022.8* |
| 67.5° | 2817.8 | 2994.3 | 2960.3 | 2893.5 | 2826.6 | 3184.7 | 3542.7 | 7364.1 | 11185.5 | 18477.8 | 25770.0 |
| 70° | 2398.0 | 2483.7 | 2493.8 | 2394.2 | 2294.6 | 2420.7 | 2546.7 | 5643.2 | 8739.6 | 15697.8 | 22655.9 |
| 72.5° | 1964.3 | 1910.1 | 2010.9 | 1935.3 | 1859.6 | 1860.9 | 1863.4 | 4242.5 | 6621.5 | 13035.0 | 19447.3 |
| 75° | 1636.5 | 1601.2 | 1560.8 | 1470.1 | 1380.5 | 1388.1 | 1396.9 | 3144.3 | 4891.8 | 10407.6 | 15923.4 |
| 77.5° | 1330.1 | 1323.8 | 1207.8 | 1109.5 | 1011.1 | 1006.1 | 998.5 | 2032.4 | 3066.2 | 6828.3 | 10590.4 |
| 80° | 1008.6 | 1014.9 | 851.0 | 748.9 | 645.5 | 640.5 | 632.9 | 1123.3 | 1613.8 | 3914.7 | 6215.6 |
| 82.5° | 611.5 | 586.3 | 494.2 | 443.8 | 393.4 | 392.1 | 390.8 | 603.9 | 817.0 | 1961.7 | 3107.8 |
| 85° | 305.1 | 290.0 | 239.5 | 206.8 | 174.0 | 165.2 | 157.6 | 191.6 | 226.9 | 466.5 | 706.0 |
| 87.5° | 88.3 | 75.6 | 69.3 | 63.0 | 56.7 | 53.0 | 50.4 | 51.7 | 53.0 | 55.5 | 56.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | *8220.2* | 8220.2 | 8220.2 |
| 2.5° | 8913.6 | 8945.1 | 8979.2 | 9014.5 | 9034.6 | 9054.8 | 9076.2 | 9096.4 | *9115.3* | 9096.4 | 9076.2 |
| 5° | 9629.7 | 9770.9 | 9866.7 | 9962.6 | 10035.7 | 10108.8 | 10150.4 | 10193.3 | *10199.6* | 10193.3 | 10150.4 |
| 7.5° | 10267.7 | 10436.6 | 10582.9 | 10729.1 | 10822.4 | 10915.7 | 10969.9 | 11025.4 | *11044.3* | 11025.4 | 10969.9 |
| 10° | 10681.2 | 10880.4 | 11021.6 | 11164.1 | 11251.1 | 11336.8 | 11379.7 | 11422.5 | *11435.1* | 11422.5 | 11379.7 |
| 12.5° | 10869.0 | 11059.4 | 11169.1 | 11277.5 | 11333.0 | 11387.2 | 11407.4 | 11425.0 | *11409.9* | 11425.0 | 11407.4 |
| 15° | 10885.4 | 10996.4 | 11043.0 | 11088.4 | 11061.9 | 11034.2 | 10995.1 | 10956.0 | *10930.8* | 10956.0 | 10995.1 |
| 17.5° | 10837.5 | 10877.9 | 10793.4 | 10710.2 | 10558.9 | 10407.6 | 10294.1 | 10180.7 | *10098.7* | 10180.7 | 10294.1 |
| 20° | 10817.4 | 10754.3 | 10529.9 | 10306.7 | 10023.1 | 9739.4 | 9549.0 | 9357.4 | *9241.4* | 9357.4 | 9549.0 |
| 22.5° | 10790.9 | 10613.1 | 10236.1 | 9859.2 | 9470.9 | 9083.8 | 8864.4 | 8646.3 | *8522.8* | 8646.3 | 8864.4 |
| 25° | 10802.2 | 10495.9 | 9986.5 | 9478.4 | 9022.0 | 8566.9 | 8328.6 | 8091.6 | *7955.4* | 8091.6 | 8328.6 |
| 27.5° | 10842.6 | 10376.1 | 9745.7 | 9115.3 | 8621.1 | 8125.6 | 7898.7 | 7671.7 | *7552.0* | 7671.7 | 7898.7 |
| 30° | 10973.7 | 10353.4 | 9599.5 | 8844.3 | 8327.3 | 7810.4 | 7588.5 | 7365.4 | *7236.8* | 7365.4 | 7588.5 |
| 32.5° | 11157.8 | 10376.1 | 9531.4 | 8686.7 | 8159.7 | 7633.9 | 7420.9 | 7209.0 | *7098.1* | 7209.0 | 7420.9 |
| 35° | 11536.0 | 10546.3 | 9609.5 | 8674.1 | 8184.9 | 7697.0 | 7540.6 | 7385.6 | *7325.0* | 7385.6 | 7540.6 |
| 37.5° | 12113.4 | 10956.0 | 9991.6 | 9027.1 | 8694.2 | 8361.4 | 8361.4 | 8361.4 | *8409.3* | 8361.4 | 8361.4 |
| 40° | 13067.8 | 11769.2 | 10856.4 | 9944.9 | 9924.7 | 9907.1 | 10118.9 | 10332.0 | *10426.5* | 10332.0 | 10118.9 |
| 42.5° | 14531.6 | 13159.9 | 12423.6 | 11687.3 | 12128.5 | 12569.8 | 13182.5 | 13795.3 | *14196.2* | 13795.3 | 13182.5 |
| 45° | 16478.2 | 15141.8 | 14627.4 | 14114.3 | 15096.4 | 16077.3 | 17160.3 | 18243.3 | *19012.3* | 18243.3 | 17160.3 |
| 47.5° | 18518.1 | 17392.2 | 17098.5 | 16806.0 | 18438.7 | 20071.4 | 21658.7 | 23246.0 | *24181.5* | 23246.0 | 21658.7 |
| 50° | 20749.7 | 19737.3 | 19680.5 | 19623.8 | 21798.6 | 23973.4 | 26022.2 | 28070.9 | *29211.9* | 28070.9 | 26022.2 |
| 52.5° | 23367.0 | 22255.0 | 22300.4 | 22343.3 | 24926.6 | 27509.9 | 29987.3 | 32464.7 | *33750.6* | 32464.7 | 29987.3 |
| 55° | 26331.1 | 24937.9 | 24930.3 | 24922.8 | 27890.6 | 30861.0 | 33904.5 | 36950.5 | *38667.6* | 36950.5 | 33904.5 |
| 57.5° | 29728.8 | 28423.9 | 28113.8 | 27802.4 | 30906.4 | 34009.1 | 37370.3 | 40732.8 | *42538.2* | 40732.8 | 37370.3 |
| 60° | 32798.8 | 32080.1 | 31583.4 | 31087.9 | 34275.1 | 37463.6 | 40935.7 | 44406.6 | *46207.0* | 44406.6 | 40935.7 |
| 62.5° | 33774.6 | 35059.3 | 35022.8 | 34986.2 | 38426.8 | 41867.4 | 45478.3 | 49091.6 | *50707.9* | 49091.6 | 45478.3 |
| 65° | *31071.5* | *33120.3* | *34529.8* | *35938.1* | *40097.3* | *44255.3* | *48017.5* | *51779.6* | *53431.2* | *51779.6* | *48017.5* |
| 67.5° | 27575.4 | 29382.1 | 30535.7 | 31689.3 | 36375.6 | 41063.1 | 45332.0 | 49601.0 | *51300.5* | 49601.0 | 45332.0 |
| 70° | 24655.5 | 26655.1 | 27479.6 | 28304.1 | 32285.6 | 36265.9 | 39643.5 | 43019.8 | *43685.5* | 43019.8 | 39643.5 |
| 72.5° | 21825.1 | 24204.1 | 24553.4 | 24902.6 | 27799.8 | 30697.1 | 32496.2 | 34295.3 | *32842.9* | 34295.3 | 32496.2 |
| 75° | 18606.4 | 21288.0 | 21521.2 | 21754.5 | 22657.2 | 23561.2 | 24018.8 | 24477.7 | *23651.9* | 24477.7 | 24018.8 |
| 77.5° | 12912.7 | 15236.3 | 15759.5 | 16282.8 | 16884.1 | 17486.8 | 17455.3 | 17423.8 | *16263.9* | 17423.8 | 17455.3 |
| 80° | 8032.3 | 9849.1 | 9917.2 | 9985.2 | 10436.6 | 10886.7 | 11346.9 | 11807.1 | *11069.5* | 11807.1 | 11346.9 |
| 82.5° | 4105.0 | 5103.6 | 5257.4 | 5411.2 | 5687.3 | 5963.4 | 6092.0 | 6221.9 | *5597.8* | 6221.9 | 6092.0 |
| 85° | 965.7 | 1225.5 | 1476.4 | 1727.2 | 2017.2 | 2307.2 | 2274.4 | 2241.6 | *1891.1* | 2241.6 | 2274.4 |
| 87.5° | 58.0 | 60.5 | 61.8 | 63.0 | 64.3 | 65.6 | 69.3 | 73.1 | *75.6* | 73.1 | 69.3 |
| 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: P1364142
CATALOG NUMBER: GSS-SB6D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---|---|---|---|---|---|---|---|
| 0° | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 | 8220.2 |
| 2.5° | 9054.8 | 9034.6 | 9014.5 | 8979.2 | 8945.1 | 8913.6 | 8882.1 |
| 5° | 10108.8 | 10035.7 | 9962.6 | 9866.7 | 9770.9 | 9629.7 | 9487.2 |
| 7.5° | 10915.7 | 10822.4 | 10729.1 | 10582.9 | 10436.6 | 10267.7 | 10098.7 |
| 10° | 11336.8 | 11251.1 | 11164.1 | 11021.6 | 10880.4 | 10681.2 | 10483.3 |
| 12.5° | 11387.2 | 11333.0 | 11277.5 | 11169.1 | 11059.4 | 10869.0 | 10678.7 |
| 15° | 11034.2 | 11061.9 | 11088.4 | 11043.0 | 10996.4 | 10885.4 | 10773.2 |
| 17.5° | 10407.6 | 10558.9 | 10710.2 | 10793.4 | 10877.9 | 10837.5 | 10798.4 |
| 20° | 9739.4 | 10023.1 | 10306.7 | 10529.9 | 10754.3 | 10817.4 | 10880.4 |
| 22.5° | 9083.8 | 9470.9 | 9859.2 | 10236.1 | 10613.1 | 10790.9 | 10968.6 |
| 25° | 8566.9 | 9022.0 | 9478.4 | 9986.5 | 10495.9 | 10802.2 | 11107.3 |
| 27.5° | 8125.6 | 8621.1 | 9115.3 | 9745.7 | 10376.1 | 10842.6 | 11309.1 |
| 30° | 7810.4 | 8327.3 | 8844.3 | 9599.5 | 10353.4 | 10973.7 | 11592.7 |
| 32.5° | 7633.9 | 8159.7 | 8686.7 | 9531.4 | 10376.1 | 11157.8 | 11939.4 |
| 35° | 7697.0 | 8184.9 | 8674.1 | 9609.5 | 10546.3 | 11536.0 | 12525.7 |
| 37.5° | 8361.4 | 8694.2 | 9027.1 | 9991.6 | 10956.0 | 12113.4 | 13269.5 |
| 40° | 9907.1 | 9924.7 | 9944.9 | 10856.4 | 11769.2 | 13067.8 | 14366.4 |
| 42.5° | 12569.8 | 12128.5 | 11687.3 | 12423.6 | 13159.9 | 14531.6 | 15904.5 |
| 45° | 16077.3 | 15096.4 | 14114.3 | 14627.4 | 15141.8 | 16478.2 | 17814.6 |
| 47.5° | 20071.4 | 18438.7 | 16806.0 | 17098.5 | 17392.2 | 18518.1 | 19642.7 |
| 50° | 23973.4 | 21798.6 | 19623.8 | 19680.5 | 19737.3 | 20749.7 | 21760.8 |
| 52.5° | 27509.9 | 24926.6 | 22343.3 | 22300.4 | 22255.0 | 23367.0 | 24477.7 |
| 55° | 30861.0 | 27890.6 | 24922.8 | 24930.3 | 24937.9 | 26331.1 | 27724.2 |
| 57.5° | 34009.1 | 30906.4 | 27802.4 | 28113.8 | 28423.9 | 29728.8 | 31033.7 |
| 60° | 37463.6 | 34275.1 | 31087.9 | 31583.4 | 32080.1 | 32798.8 | 33517.4 |
| 62.5° | 41867.4 | 38426.8 | 34986.2 | 35022.8 | 35059.3 | 33774.6 | 32489.9 |
| 65° | *44255.3* | *40097.3* | *35938.1* | *34529.8* | *33120.3* | *31071.5* | *29022.8* |
| 67.5° | 41063.1 | 36375.6 | 31689.3 | 30535.7 | 29382.1 | 27575.4 | 25770.0 |
| 70° | 36265.9 | 32285.6 | 28304.1 | 27479.6 | 26655.1 | 24655.5 | 22655.9 |
| 72.5° | 30697.1 | 27799.8 | 24902.6 | 24553.4 | 24204.1 | 21825.1 | 19447.3 |
| 75° | 23561.2 | 22657.2 | 21754.5 | 21521.2 | 21288.0 | 18606.4 | 15923.4 |
| 77.5° | 17486.8 | 16884.1 | 16282.8 | 15759.5 | 15236.3 | 12912.7 | 10590.4 |
| 80° | 10886.7 | 10436.6 | 9985.2 | 9917.2 | 9849.1 | 8032.3 | 6215.6 |
| 82.5° | 5963.4 | 5687.3 | 5411.2 | 5257.4 | 5103.6 | 4105.0 | 3107.8 |
| 85° | 2307.2 | 2017.2 | 1727.2 | 1476.4 | 1225.5 | 965.7 | 706.0 |
| 87.5° | 65.6 | 64.3 | 63.0 | 61.8 | 60.5 | 58.0 | 56.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

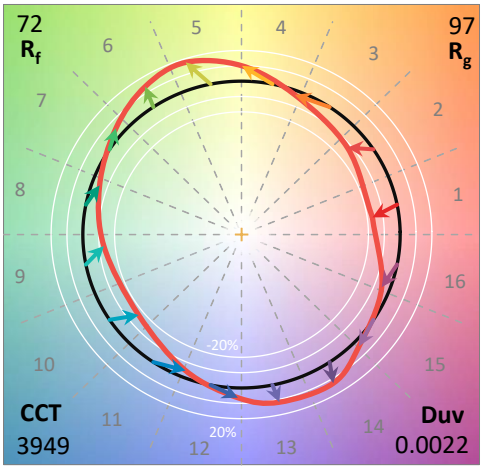
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-1 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 - 76IN SPHERE |
| Measurement Geometry: | 4π |
| Issue Date: | 10/15/2024 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGraw-Edison |
| Catalog Number: | **GSS-SB1A-740-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS |

## Spectral Parameters

| | | | | | |
|---|---|---|---|---|---|
| CCT (K): | 3949 | CRI (Ra): | 70.7 | | |
| CIE u': | 0.2248 | R1: | 68.0 | R9: | -36.7 |
| CIE v': | 0.5053 | R2: | 76.0 | R10: | 45.1 |
| Duv: | 0.0022 | R3: | 84.3 | R11: | 70.7 |
| CIE x: | 0.3844 | R4: | 72.0 | R12: | 47.1 |
| CIE y: | 0.3840 | R5: | 68.6 | R13: | 68.5 |
| CIE z: | 0.2316 | R6: | 68.3 | R14: | 91.1 |
| Peak Wavelength (nm): | 440 | R7: | 77.9 | R15: | 58.7 |
| Dominant Wavelength (nm): | 578 | R8: | 50.3 | | |
| Purity: | 30.60026 | | | | |
| Rf: | 71.8 | | | | |
| Rg: | 96.5 | | | | |




## Test Conditions

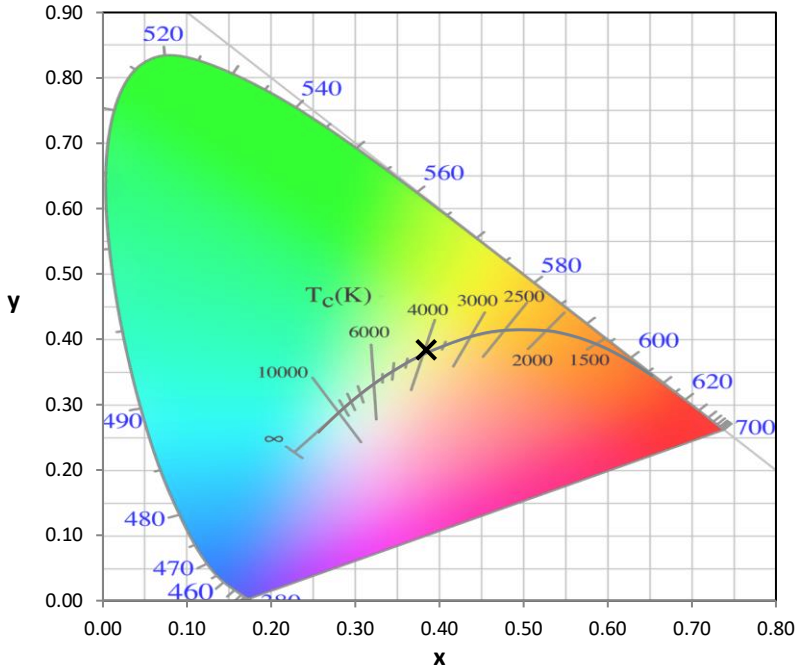
| | |
|---|---|
| Stabilization Time: | 34M |
| Operation Time: | 1H 34M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-1

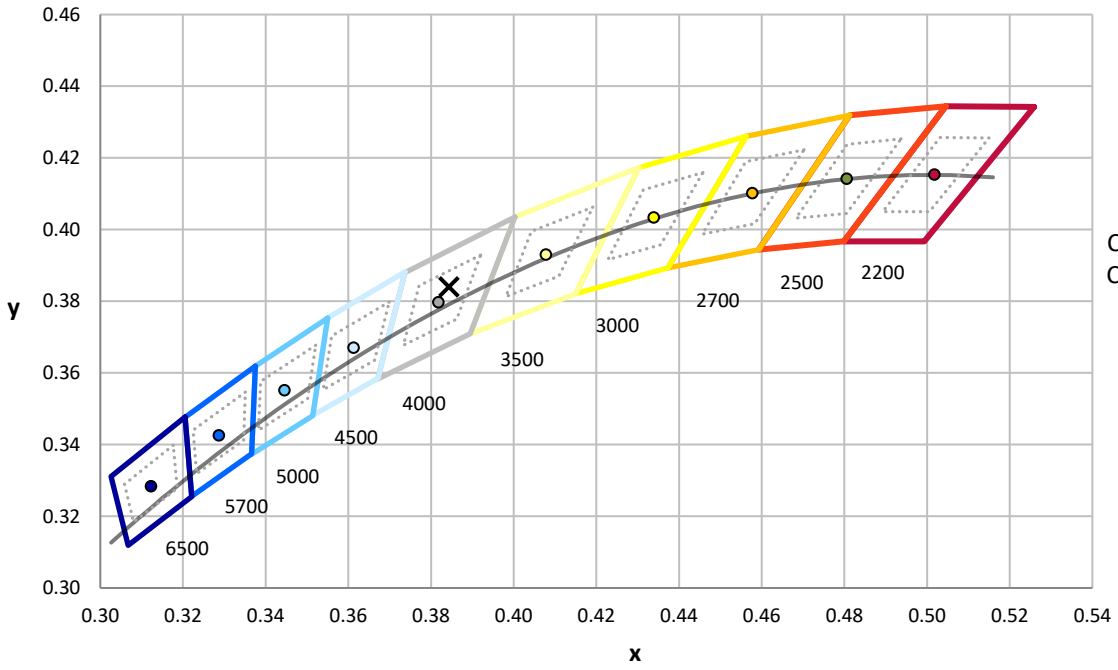
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC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

REPORT NUMBER: SP1-2407-184-1

## CIE 1931 Chromaticity Diagram




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

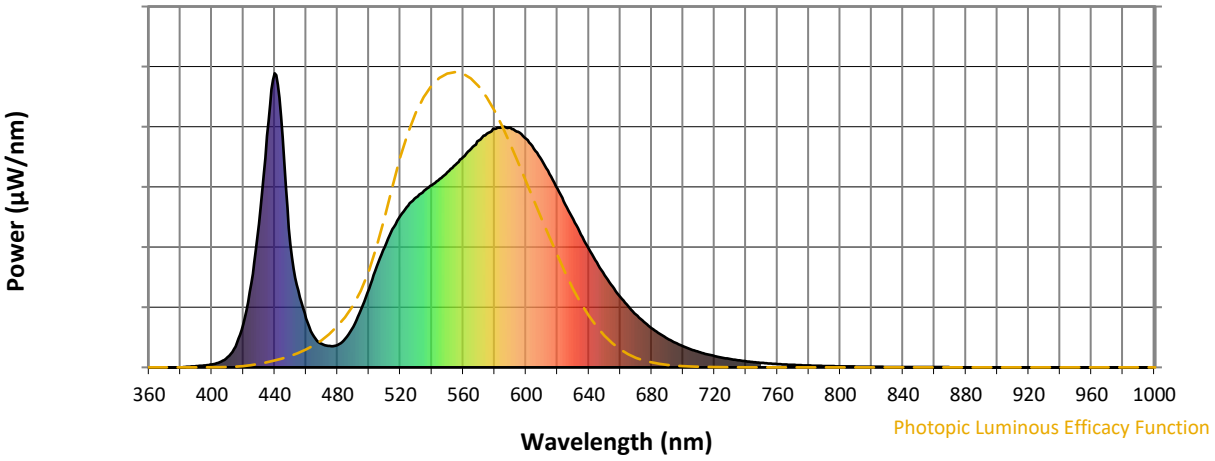



CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

## Photopic Flux vs. Wavelength

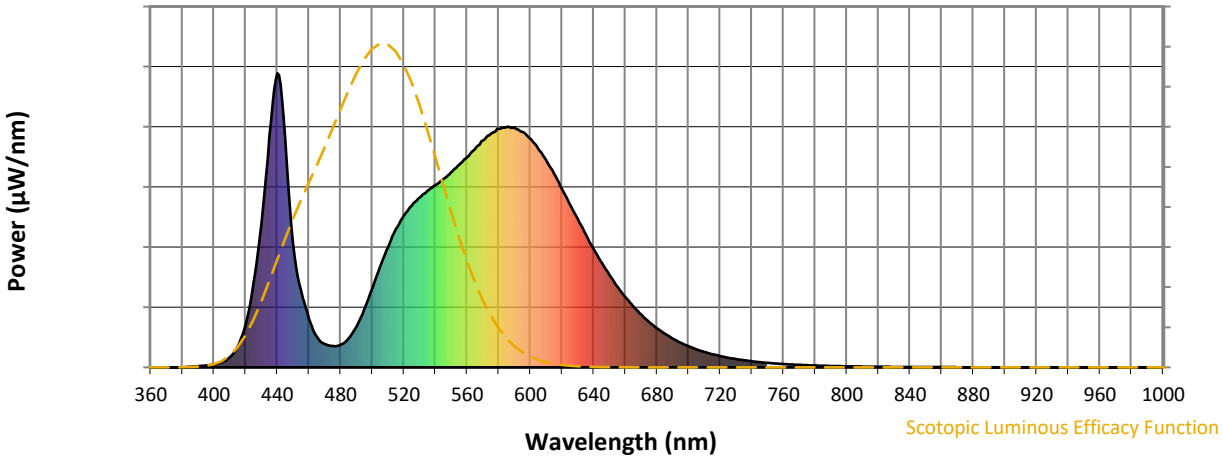



## Photopic Lumens: NR

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 139 | NR | 620 | 607 | NR | 750 | 15 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 198 | NR | 625 | 554 | NR | 755 | 13 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 267 | NR | 630 | 504 | NR | 760 | 11 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 343 | NR | 635 | 452 | NR | 765 | 10 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 410 | NR | 640 | 403 | NR | 770 | 8 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 470 | NR | 645 | 357 | NR | 775 | 7 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 516 | NR | 650 | 314 | NR | 780 | 6 | NR | 910 | 0 | NR |
| 395 | 7 | NR | 525 | 550 | NR | 655 | 275 | NR | 785 | 5 | NR | 915 | 0 | NR |
| 400 | 10 | NR | 530 | 578 | NR | 660 | 240 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 17 | NR | 535 | 601 | NR | 665 | 208 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 35 | NR | 540 | 620 | NR | 670 | 179 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 70 | NR | 545 | 641 | NR | 675 | 155 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 147 | NR | 550 | 664 | NR | 680 | 133 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 285 | NR | 555 | 689 | NR | 685 | 114 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 487 | NR | 560 | 715 | NR | 690 | 98 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 787 | NR | 565 | 743 | NR | 695 | 84 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 1000 | NR | 570 | 771 | NR | 700 | 72 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 783 | NR | 575 | 794 | NR | 705 | 61 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 417 | NR | 580 | 811 | NR | 710 | 52 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 261 | NR | 585 | 817 | NR | 715 | 45 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 167 | NR | 590 | 815 | NR | 720 | 39 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 104 | NR | 595 | 801 | NR | 725 | 33 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 79 | NR | 600 | 777 | NR | 730 | 28 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 73 | NR | 605 | 744 | NR | 735 | 24 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 704 | NR | 740 | 21 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 98 | NR | 615 | 657 | NR | 745 | 18 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-1

## Scotopic Flux vs. Wavelength

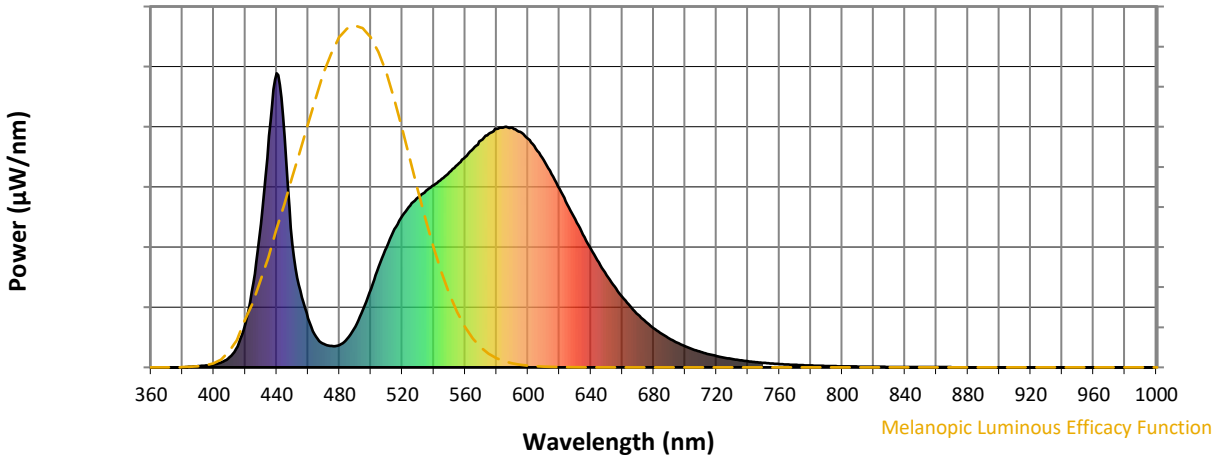



**Scotopic Lumens: NR** **S/P: 1.47**

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 139 | NR | 620 | 607 | NR | 750 | 15 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 198 | NR | 625 | 554 | NR | 755 | 13 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 267 | NR | 630 | 504 | NR | 760 | 11 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 343 | NR | 635 | 452 | NR | 765 | 10 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 410 | NR | 640 | 403 | NR | 770 | 8 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 470 | NR | 645 | 357 | NR | 775 | 7 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 516 | NR | 650 | 314 | NR | 780 | 6 | NR | 910 | 0 | NR |
| 395 | 7 | NR | 525 | 550 | NR | 655 | 275 | NR | 785 | 5 | NR | 915 | 0 | NR |
| 400 | 10 | NR | 530 | 578 | NR | 660 | 240 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 17 | NR | 535 | 601 | NR | 665 | 208 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 35 | NR | 540 | 620 | NR | 670 | 179 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 70 | NR | 545 | 641 | NR | 675 | 155 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 147 | NR | 550 | 664 | NR | 680 | 133 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 285 | NR | 555 | 689 | NR | 685 | 114 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 487 | NR | 560 | 715 | NR | 690 | 98 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 787 | NR | 565 | 743 | NR | 695 | 84 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 1000 | NR | 570 | 771 | NR | 700 | 72 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 783 | NR | 575 | 794 | NR | 705 | 61 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 417 | NR | 580 | 811 | NR | 710 | 52 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 261 | NR | 585 | 817 | NR | 715 | 45 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 167 | NR | 590 | 815 | NR | 720 | 39 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 104 | NR | 595 | 801 | NR | 725 | 33 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 79 | NR | 600 | 777 | NR | 730 | 28 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 73 | NR | 605 | 744 | NR | 735 | 24 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 704 | NR | 740 | 21 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 98 | NR | 615 | 657 | NR | 745 | 18 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-1

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 2.78**

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 139 | NR | 620 | 607 | NR | 750 | 15 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 198 | NR | 625 | 554 | NR | 755 | 13 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 267 | NR | 630 | 504 | NR | 760 | 11 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 343 | NR | 635 | 452 | NR | 765 | 10 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 410 | NR | 640 | 403 | NR | 770 | 8 | NR | 900 | 0 | NR |
| 385 | 2 | NR | 515 | 470 | NR | 645 | 357 | NR | 775 | 7 | NR | 905 | 0 | NR |
| 390 | 4 | NR | 520 | 516 | NR | 650 | 314 | NR | 780 | 6 | NR | 910 | 0 | NR |
| 395 | 7 | NR | 525 | 550 | NR | 655 | 275 | NR | 785 | 5 | NR | 915 | 0 | NR |
| 400 | 10 | NR | 530 | 578 | NR | 660 | 240 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 17 | NR | 535 | 601 | NR | 665 | 208 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 35 | NR | 540 | 620 | NR | 670 | 179 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 70 | NR | 545 | 641 | NR | 675 | 155 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 147 | NR | 550 | 664 | NR | 680 | 133 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 285 | NR | 555 | 689 | NR | 685 | 114 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 487 | NR | 560 | 715 | NR | 690 | 98 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 787 | NR | 565 | 743 | NR | 695 | 84 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 1000 | NR | 570 | 771 | NR | 700 | 72 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 783 | NR | 575 | 794 | NR | 705 | 61 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 417 | NR | 580 | 811 | NR | 710 | 52 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 261 | NR | 585 | 817 | NR | 715 | 45 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 167 | NR | 590 | 815 | NR | 720 | 39 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 104 | NR | 595 | 801 | NR | 725 | 33 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 79 | NR | 600 | 777 | NR | 730 | 28 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 73 | NR | 605 | 744 | NR | 735 | 24 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 76 | NR | 610 | 704 | NR | 740 | 21 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 98 | NR | 615 | 657 | NR | 745 | 18 | NR | 875 | 1 | NR | | | |

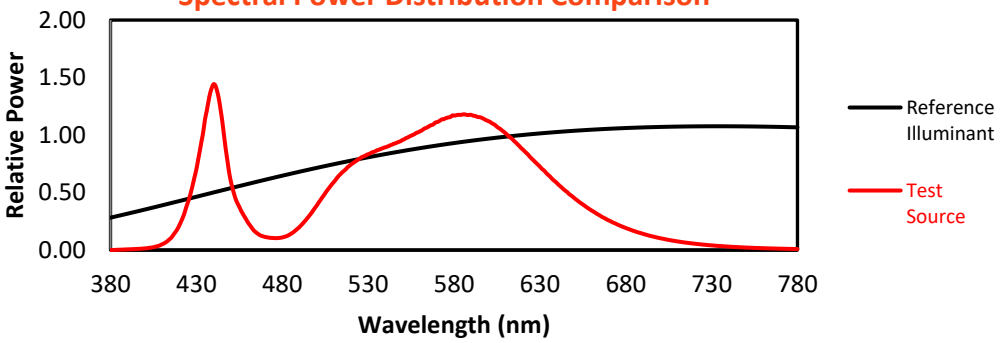
REPORT NUMBER: SP1-2407-184-1

# TM-30-18

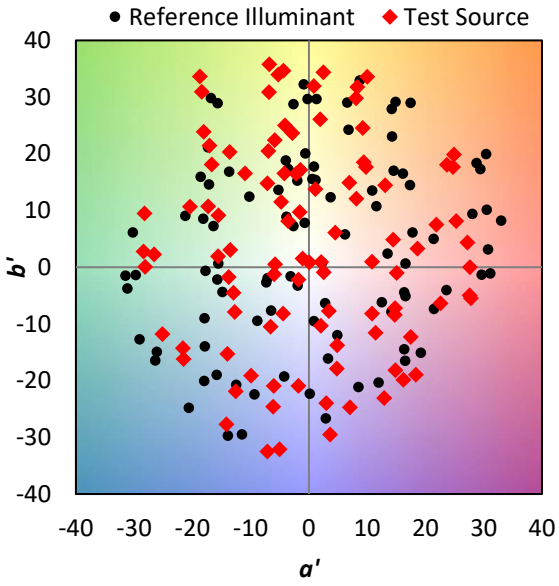
## Summary

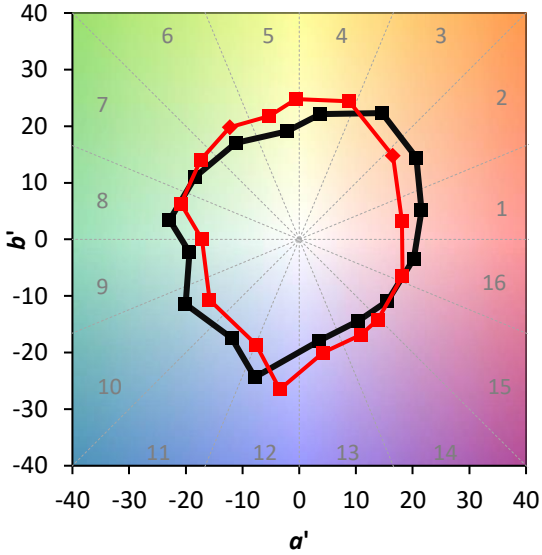
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$R_g$ = 96.5
CIE $R_a$ = 70.7
$R_9$ = -36.7

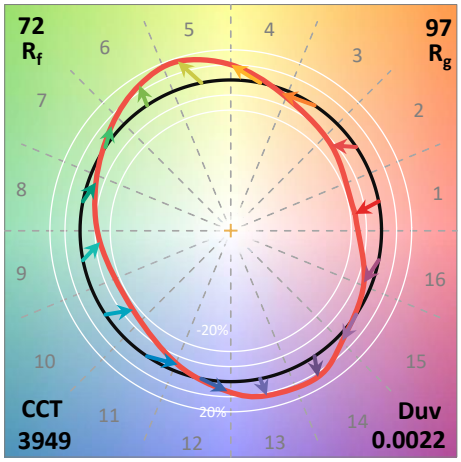
## Spectral Power Distribution Comparison

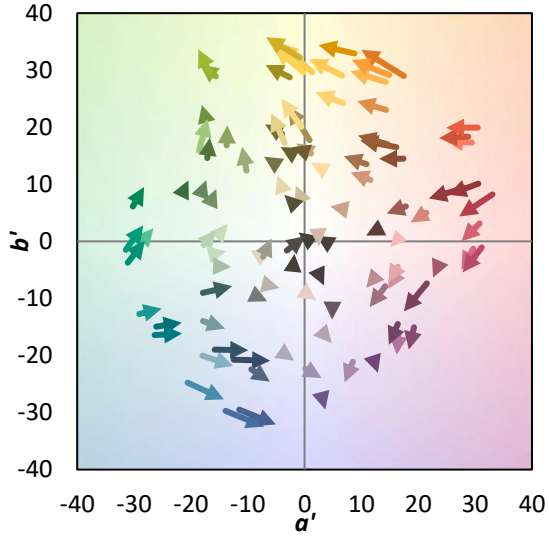



## Color Vector Graphics



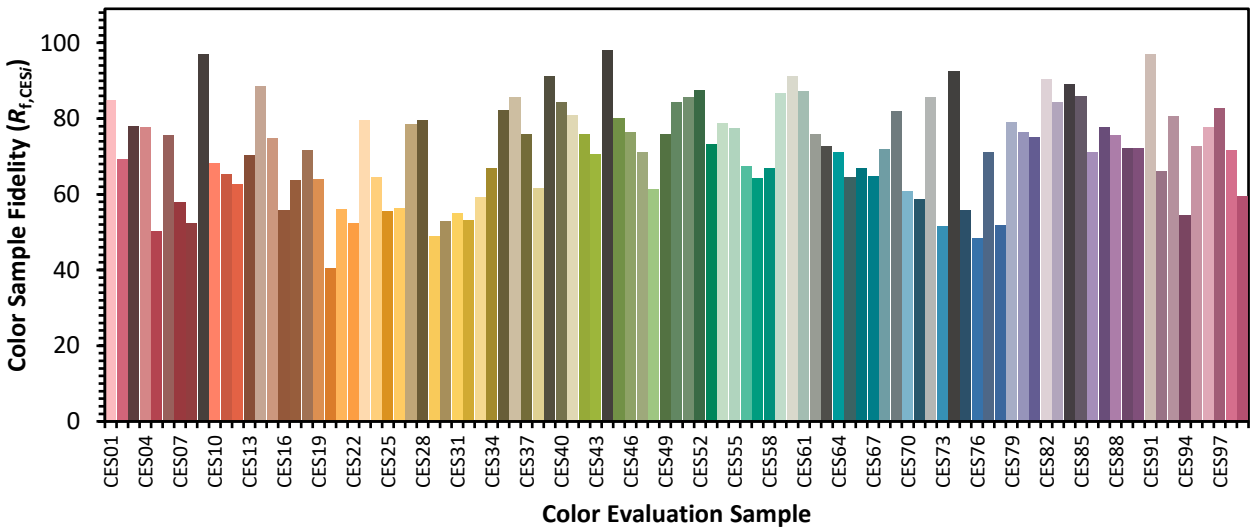



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**Individual Sample Fidelity Index ($R_{f,i}$)**

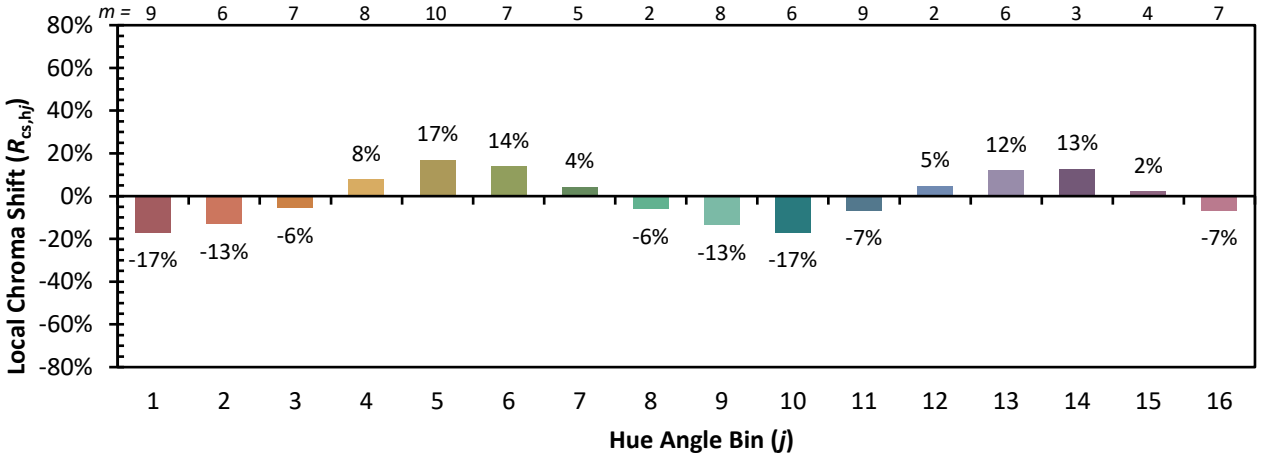
| | | | |
|---|---|---|---|
| CES01 = 85 | CES26 = 56 | CES51 = 86 | CES76 = 48 |
| CES02 = 61 | CES27 = 79 | CES52 = 88 | CES77 = 71 |
| CES03 = 30 | CES28 = 80 | CES53 = 73 | CES78 = 52 |
| CES04 = 70 | CES29 = 49 | CES54 = 79 | CES79 = 79 |
| CES05 = 47 | CES30 = 53 | CES55 = 77 | CES80 = 77 |
| CES06 = 50 | CES31 = 55 | CES56 = 67 | CES81 = 75 |
| CES07 = 40 | CES32 = 53 | CES57 = 64 | CES82 = 90 |
| CES08 = 39 | CES33 = 59 | CES58 = 67 | CES83 = 84 |
| CES09 = 29 | CES34 = 67 | CES59 = 87 | CES84 = 89 |
| CES10 = 74 | CES35 = 82 | CES60 = 91 | CES85 = 86 |
| CES11 = 57 | CES36 = 86 | CES61 = 87 | CES86 = 71 |
| CES12 = 63 | CES37 = 76 | CES62 = 76 | CES87 = 78 |
| CES13 = 42 | CES38 = 62 | CES63 = 73 | CES88 = 76 |
| CES14 = 74 | CES39 = 91 | CES64 = 71 | CES89 = 72 |
| CES15 = 71 | CES40 = 84 | CES65 = 64 | CES90 = 72 |
| CES16 = 46 | CES41 = 81 | CES66 = 67 | CES91 = 97 |
| CES17 = 49 | CES42 = 76 | CES67 = 65 | CES92 = 66 |
| CES18 = 56 | CES43 = 71 | CES68 = 72 | CES93 = 81 |
| CES19 = 72 | CES44 = 98 | CES69 = 82 | CES94 = 55 |
| CES20 = 65 | CES45 = 80 | CES70 = 61 | CES95 = 73 |
| CES21 = 86 | CES46 = 76 | CES71 = 59 | CES96 = 78 |
| CES22 = 78 | CES47 = 71 | CES72 = 86 | CES97 = 83 |
| CES23 = 92 | CES48 = 61 | CES73 = 52 | CES98 = 72 |
| CES24 = 91 | CES49 = 76 | CES74 = 93 | CES99 = 60 |
| CES25 = 72 | CES50 = 84 | CES75 = 56 | |

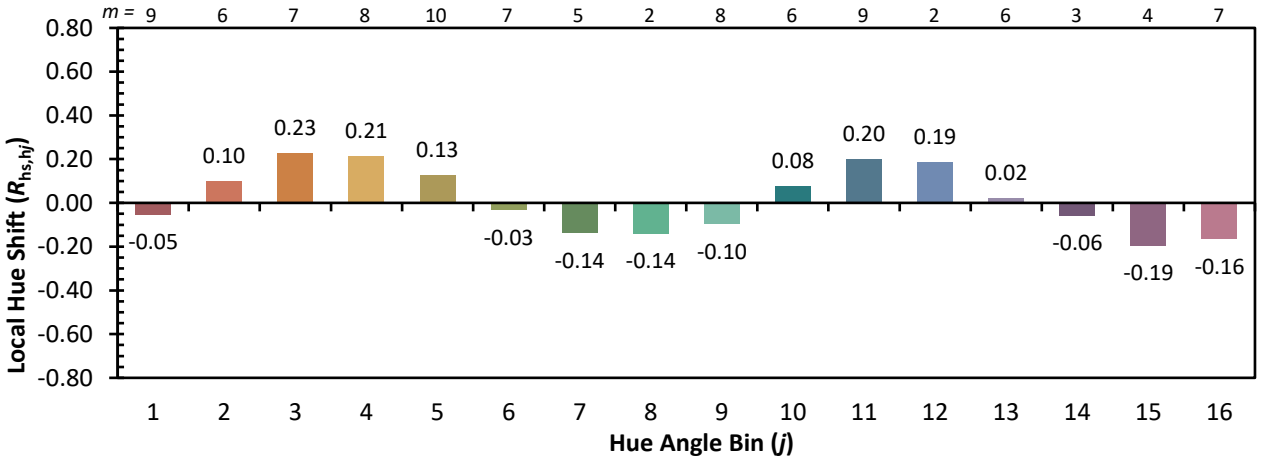


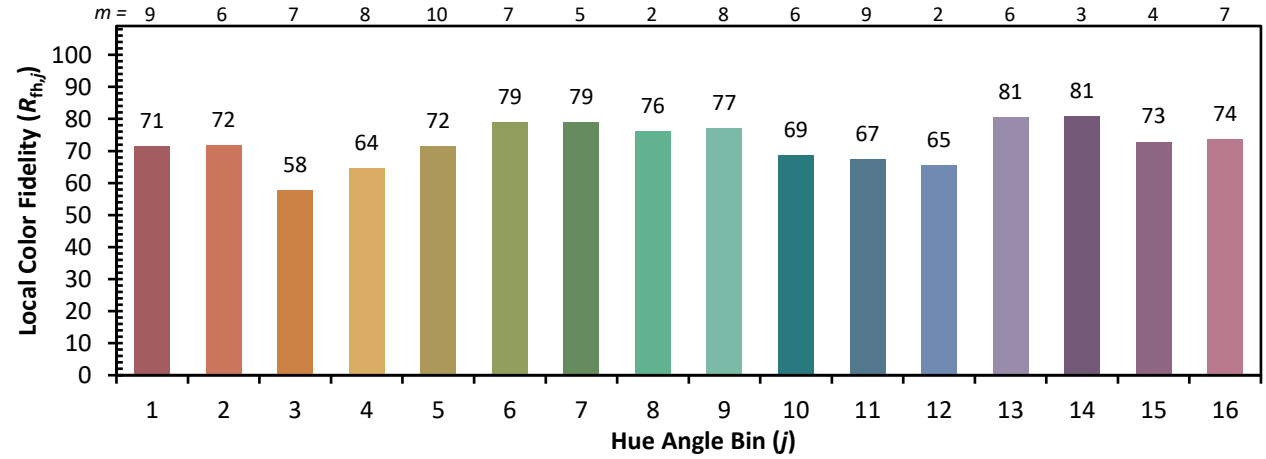
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## Color Rendition by Hue-Angle Bin



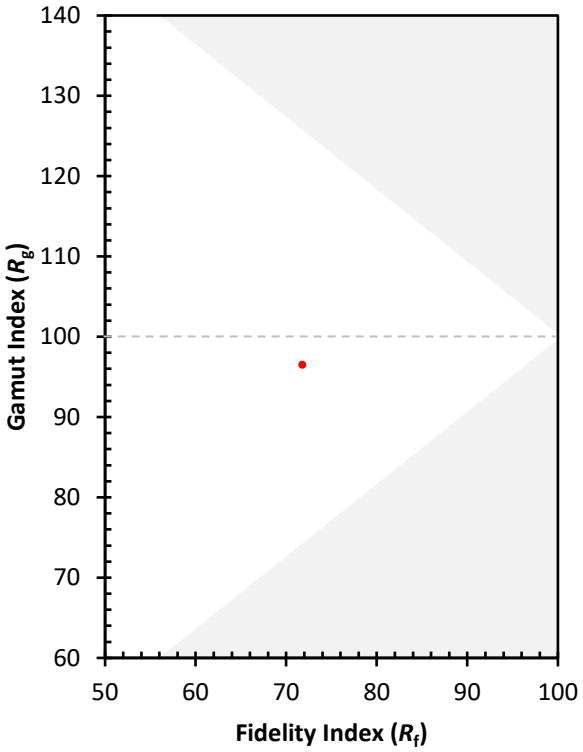



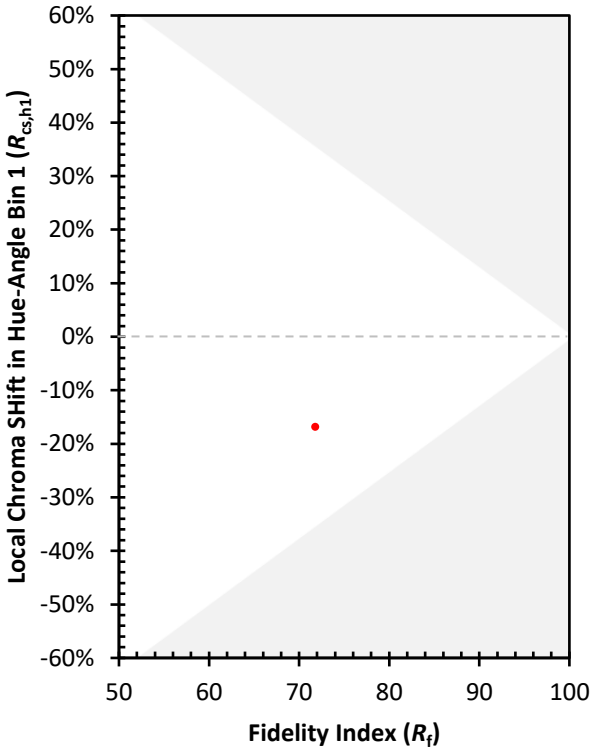



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## Measure Comparisons




(END OF REPORT)