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: P1364161

Luminaire Tested: **GSS-SB5C-722-U-SLR**

Issue Date: 02/18/2026

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:	P1364161
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-722-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(130) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28343.6 lumens
Efficiency:	N/A
Efficacy:	112.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

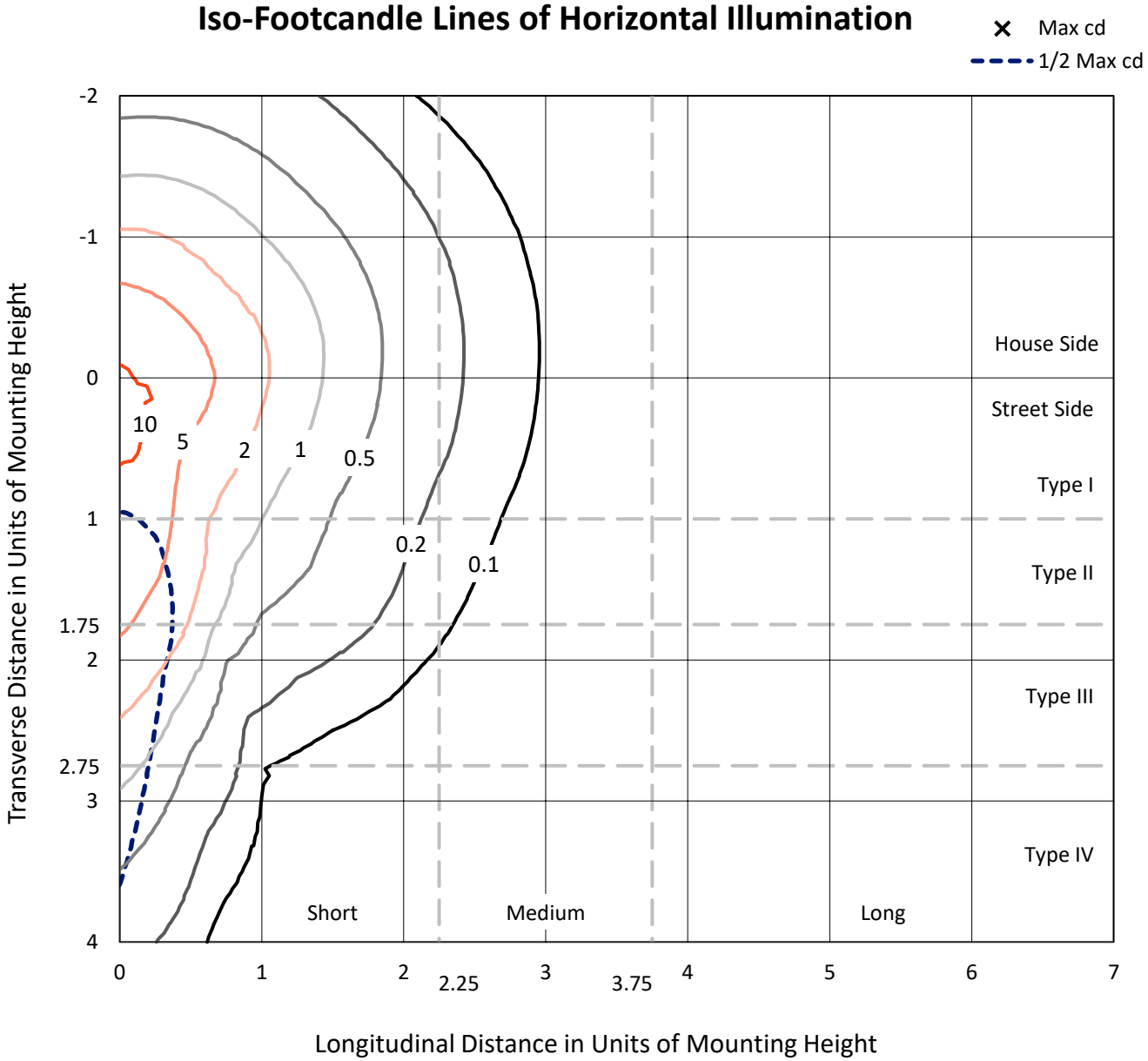
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



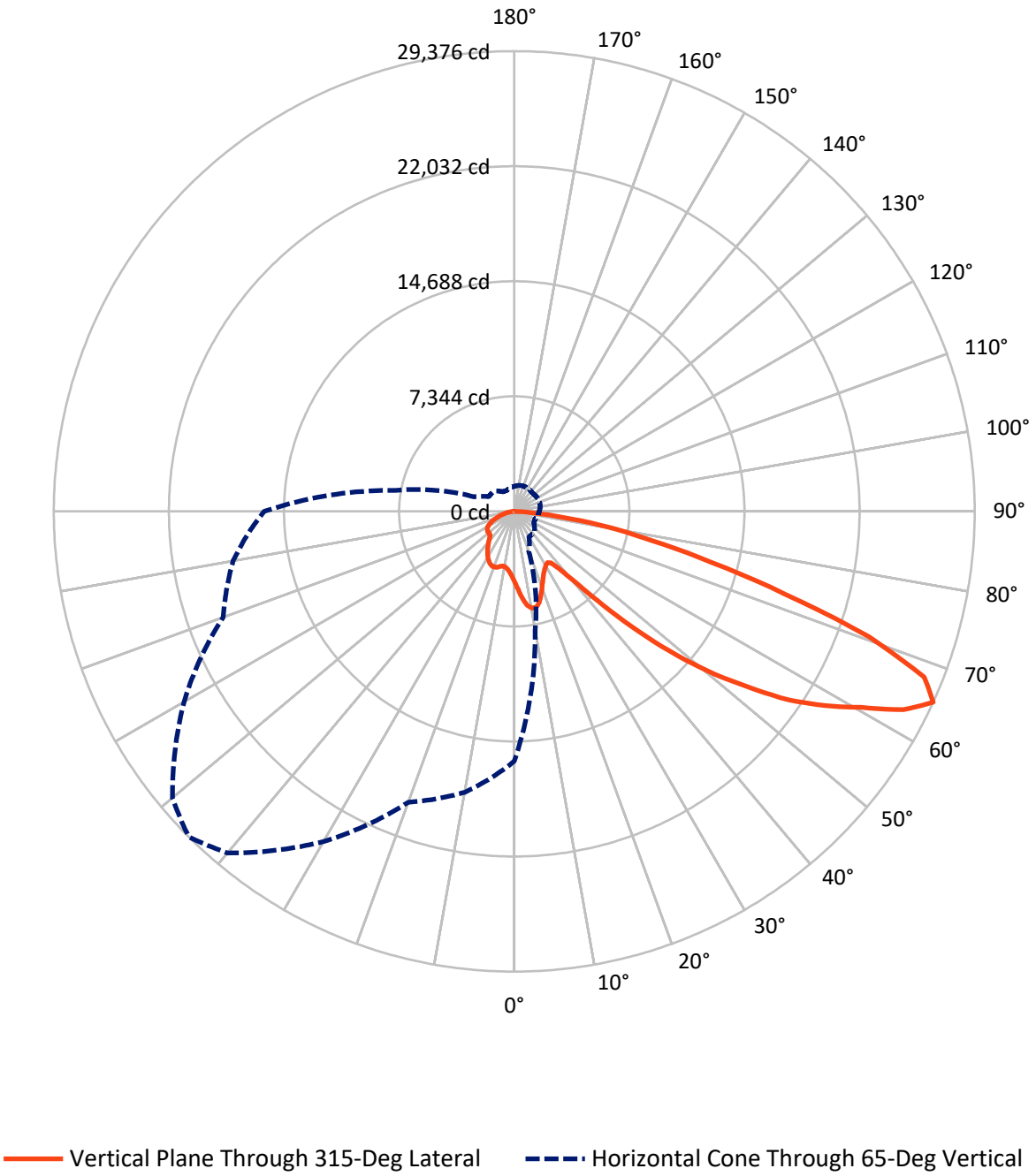
Based on 20 foot mounting height. Maximum calculated value = 13.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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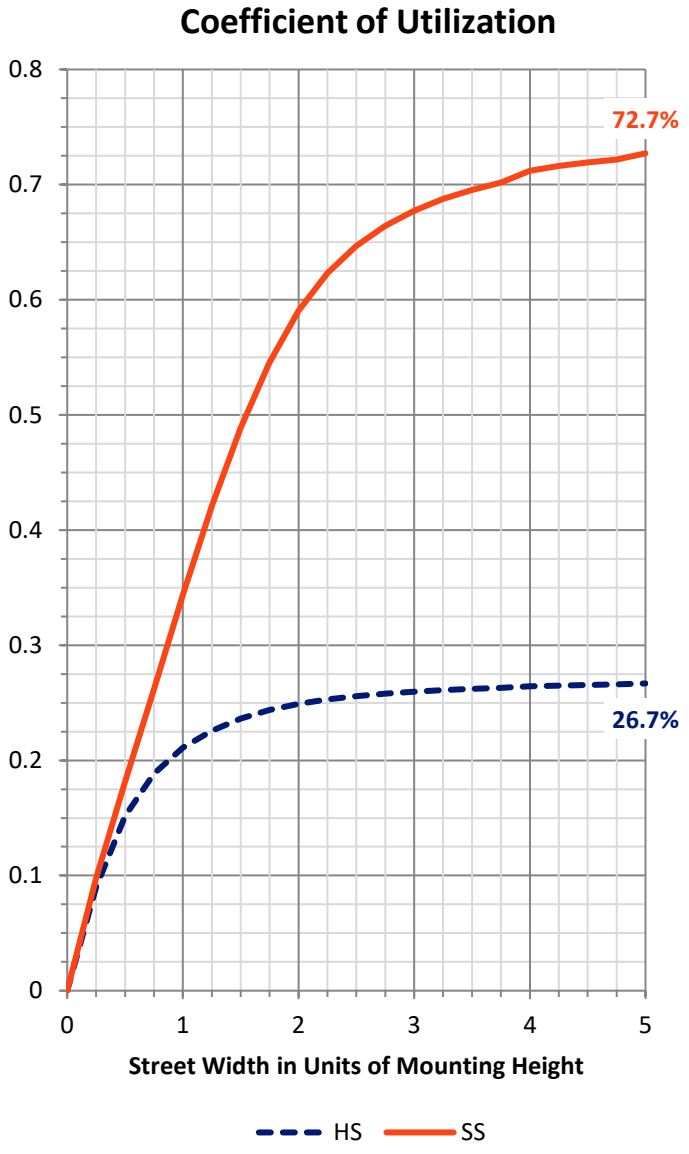
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7625.1	0.0	7625.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	20718.6	0.0	20718.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	28343.6	0.0	28343.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	446.3	1.6
10°-20°	1367.5	4.8
20°-30°	2116.5	7.5
30°-40°	2625.9	9.3
40°-50°	3839.9	13.5
50°-60°	6014.8	21.2
60°-70°	7136.9	25.2
70°-80°	4162.6	14.7
80°-90°	633.3	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°	28343.6	100.0
0°-180°	28343.6	100.0



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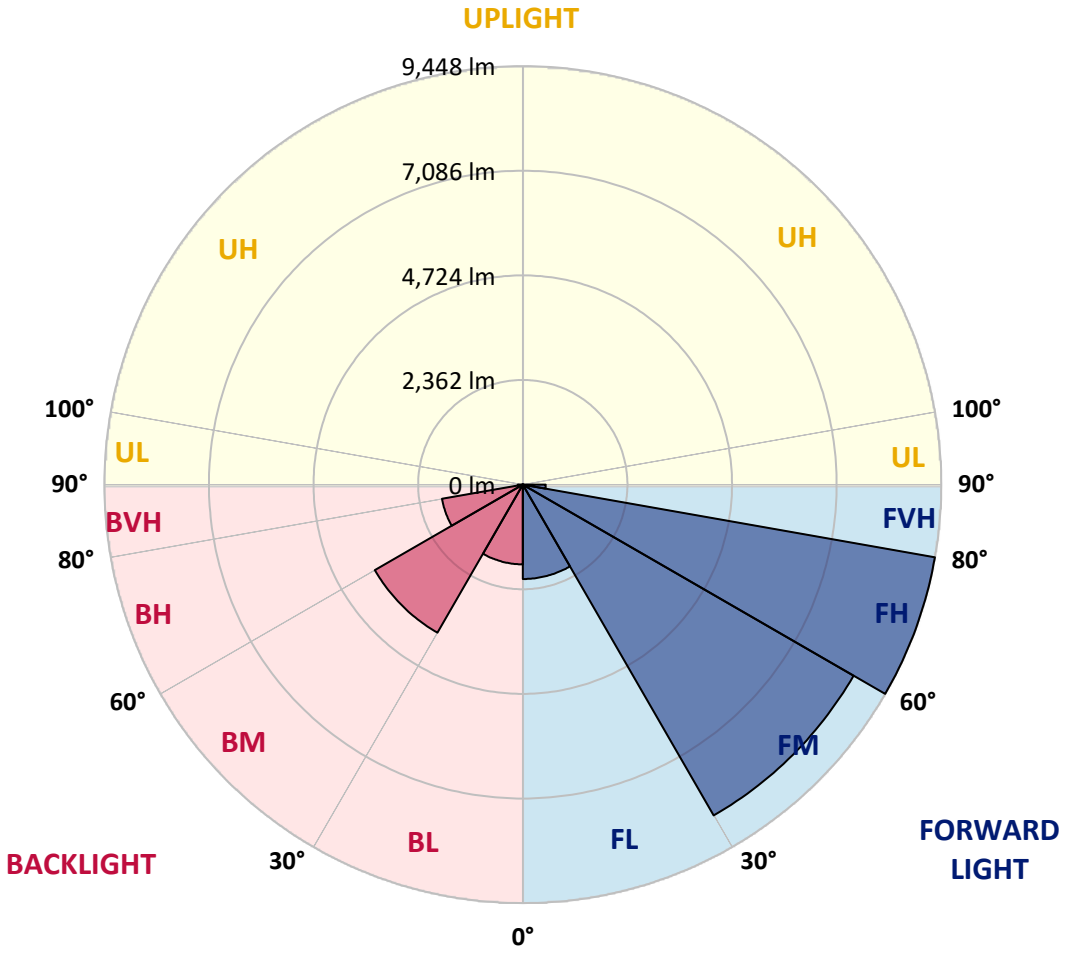
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2130.3	7.5			
FM	(30°-60°)	8622.7	30.4			
FH	(60°-80°)	9447.7	33.3			G4/12000
FVH	(80°-90°)	517.9	1.8			G4/750
BL	(0°-30°)	1800.0	6.4	B3/2500		
BM	(30°-60°)	3857.9	13.6	B3/5000		
BH	(60°-80°)	1851.8	6.5	B3/2500		G3/2500
BVH	(80°-90°)	115.3	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4
2.5°	4883.4	4839.0	4795.3	4755.1	4714.9	4674.7	4633.8	4595.0	4555.5	4516.0	4481.3
5°	5216.1	5137.7	5060.1	4978.3	4897.2	4817.5	4737.8	4662.2	4587.4	4509.0	4441.8
7.5°	5552.3	5420.6	5288.9	5164.8	5040.7	4929.8	4818.9	4719.8	4619.9	4516.0	4434.9
10°	5763.7	5606.3	5448.3	5294.4	5139.8	5003.3	4866.0	4751.7	4637.3	4526.4	4439.7
12.5°	5871.1	5714.5	5557.8	5385.2	5212.6	5059.4	4906.2	4780.1	4654.6	4533.3	4448.7
15°	5923.1	5764.4	5606.3	5431.0	5255.6	5090.6	4924.9	4782.8	4640.7	4505.6	4430.7
17.5°	5937.0	5788.6	5641.0	5453.8	5266.7	5078.1	4890.3	4724.6	4559.6	4401.6	4337.8
20°	5982.0	5832.3	5682.6	5481.6	5280.5	5059.4	4838.3	4620.6	4403.0	4193.7	4153.4
22.5°	6030.5	5893.3	5756.7	5535.6	5315.2	5044.9	4774.5	4501.4	4228.3	3978.8	3940.6
25°	6106.8	5988.3	5869.7	5628.5	5387.3	5043.5	4699.7	4359.3	4019.0	3732.7	3729.2
27.5°	6217.7	6126.9	6036.1	5764.4	5493.3	5056.6	4619.9	4213.8	3806.9	3514.4	3531.7
30°	6373.7	6302.3	6231.6	5925.2	5618.1	5085.1	4552.7	4086.9	3621.8	3337.6	3356.3
32.5°	6564.3	6519.9	6475.6	6114.4	5753.3	5116.9	4481.3	3976.0	3471.4	3209.4	3209.4
35°	6886.6	6831.1	6775.7	6315.4	5855.9	5109.3	4363.5	3849.8	3335.5	3133.1	3090.1
37.5°	7295.6	7229.7	7163.9	6560.8	5957.8	5087.8	4217.9	3709.8	3202.4	3043.0	2961.2
40°	7898.6	7769.0	7638.7	6841.5	6044.4	5039.3	4034.2	3542.8	3051.3	2925.2	2822.6
42.5°	8744.3	8469.8	8194.6	7152.1	6108.2	4955.4	3802.0	3343.8	2885.0	2796.9	2670.1
45°	9794.4	9354.3	8914.1	7573.5	6232.9	4897.9	3562.9	3141.4	2720.7	2641.0	2514.8
47.5°	10799.5	10242.2	9684.9	8006.8	6328.6	4830.7	3332.7	2940.4	2549.5	2457.3	2339.4
50°	11964.0	11208.5	10452.9	8384.5	6316.1	4716.3	3115.8	2761.6	2406.7	2280.5	2164.1
52.5°	13457.8	12257.9	11057.4	8563.4	6068.7	4482.0	2896.0	2600.8	2306.9	2145.3	2020.6
55°	15242.7	13312.2	11381.8	8516.2	5650.7	4171.5	2690.9	2466.3	2240.3	2079.5	1932.5
57.5°	17062.3	14197.4	11333.3	8259.1	5184.9	3846.4	2507.9	2352.6	2197.3	2062.2	1881.9
60°	18427.8	14593.9	10759.3	7642.8	4526.4	3435.3	2344.3	2235.5	2126.6	2020.6	1840.4
62.5°	17862.9	13714.3	9565.7	6632.9	3700.1	2914.1	2128.0	2067.0	2006.7	1961.7	1789.8
65°	*15956.7*	*11828.9*	*7701.1*	*5202.9*	*2704.7*	*2290.2*	*1875.0*	*1861.8*	*1849.4*	*1836.9*	*1694.8*
67.5°	14168.3	10159.0	6149.8	4048.8	1947.8	1750.9	1554.1	1590.8	1627.6	1646.3	1549.2
70°	12456.2	8630.6	4805.0	3102.6	1400.2	1330.9	1261.6	1316.3	1371.1	1365.5	1318.4
72.5°	10692.1	7166.6	3640.5	2332.5	1024.5	1023.1	1022.4	1064.0	1105.6	1050.1	1080.0
75°	8754.7	5722.1	2689.5	1728.8	768.0	763.2	759.0	808.2	858.1	880.3	899.7
77.5°	5822.6	3754.2	1685.8	1117.4	549.0	553.1	555.9	610.0	664.1	727.8	731.3
80°	3417.3	2152.3	887.3	617.6	348.0	352.1	354.9	411.7	467.9	558.0	554.5
82.5°	1708.7	1078.6	449.2	332.0	214.9	215.6	216.3	244.0	271.7	322.3	336.2
85°	388.2	256.5	124.8	105.4	86.6	90.8	95.7	113.7	131.7	159.4	167.7
87.5°	31.2	30.5	29.1	28.4	27.7	29.1	31.2	34.7	38.1	41.6	48.5
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°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4
2.5°	4443.9	4407.1	4378.0	4349.6	4324.7	4299.0	4269.2	4238.7	4217.2	4195.0	4180.5
5°	4375.3	4310.1	4256.0	4202.0	4157.6	4111.9	4071.7	4030.8	3998.9	3966.3	3940.0
7.5°	4353.8	4273.4	4203.4	4132.7	4073.0	4013.4	3963.5	3912.9	3865.1	3818.0	3787.5
10°	4354.5	4269.9	4197.8	4125.7	4062.6	3999.6	3933.7	3867.9	3815.2	3762.5	3716.8
12.5°	4378.0	4308.0	4257.4	4207.5	4149.3	4091.1	4012.7	3933.7	3862.3	3791.6	3735.5
15°	4385.0	4339.2	4335.1	4330.9	4310.8	4290.7	4217.9	4145.1	4046.7	3947.6	3867.2
17.5°	4331.6	4325.4	4394.0	4462.6	4502.1	4541.6	4491.0	4439.7	4301.1	4162.5	4042.5
20°	4193.0	4231.8	4366.3	4500.0	4606.8	4713.5	4708.0	4703.1	4522.2	4340.6	4183.3
22.5°	3998.9	4056.4	4231.8	4407.1	4561.0	4714.9	4754.4	4793.2	4615.8	4437.6	4243.6
25°	3792.3	3855.4	4017.6	4179.8	4345.5	4511.1	4584.6	4658.1	4511.8	4365.6	4177.0
27.5°	3592.0	3653.0	3773.6	3894.2	4027.3	4160.4	4242.9	4325.4	4235.9	4146.5	3994.0
30°	3403.4	3450.6	3537.9	3625.3	3715.4	3805.5	3871.3	3937.2	3878.3	3819.3	3709.8
32.5°	3229.5	3249.6	3306.4	3363.2	3430.5	3497.0	3533.8	3569.8	3524.1	3478.3	3406.2
35°	3073.5	3056.9	3094.3	3131.7	3185.8	3240.5	3268.3	3296.0	3257.9	3219.8	3155.3
37.5°	2916.8	2871.1	2889.1	2905.8	2952.2	2997.9	3037.5	3077.7	3049.9	3022.2	2967.4
40°	2756.0	2689.5	2688.1	2686.0	2730.4	2774.0	2824.0	2873.2	2868.3	2862.8	2810.8
42.5°	2585.5	2500.9	2491.9	2482.9	2526.6	2570.3	2622.9	2675.6	2686.0	2696.4	2653.4
45°	2427.5	2341.5	2327.7	2313.8	2351.2	2390.0	2447.6	2505.8	2530.1	2554.3	2515.5
47.5°	2265.3	2190.4	2182.1	2173.1	2212.6	2252.8	2316.6	2381.0	2406.7	2433.0	2406.7
50°	2103.1	2041.4	2051.8	2062.2	2105.8	2148.8	2198.7	2249.3	2297.2	2344.3	2339.4
52.5°	1974.8	1928.4	1961.0	1992.9	2032.4	2072.6	2124.6	2176.5	2226.4	2277.0	2284.7
55°	1881.3	1830.0	1875.7	1921.5	1969.3	2017.1	2065.6	2114.2	2161.3	2207.7	2218.1
57.5°	1809.9	1738.5	1784.2	1830.0	1881.9	1933.9	1982.5	2031.0	2085.7	2140.5	2148.8
60°	1750.2	1660.1	1690.6	1720.4	1773.8	1826.5	1877.1	1927.0	1982.5	2037.9	2049.0
62.5°	1671.9	1554.1	1558.2	1561.0	1621.3	1680.9	1722.5	1764.1	1816.8	1870.2	1886.1
65°	*1567.9*	*1441.8*	*1427.9*	*1414.1*	*1470.9*	*1528.4*	*1561.0*	*1594.3*	*1640.0*	*1685.8*	*1701.7*
67.5°	1437.6	1325.3	1296.9	1268.5	1321.2	1373.9	1400.9	1427.9	1459.1	1490.3	1508.3
70°	1251.9	1185.3	1167.3	1149.3	1192.2	1235.2	1258.8	1282.4	1307.3	1332.3	1342.0
72.5°	1064.7	1050.1	1037.0	1024.5	1057.1	1089.7	1109.8	1129.9	1153.4	1177.0	1182.5
75°	891.4	883.8	874.1	865.1	890.0	915.0	930.2	946.2	970.4	994.7	1005.1
77.5°	713.3	694.6	684.8	673.8	696.6	719.5	734.1	748.6	768.7	788.8	791.6
80°	532.4	509.5	501.9	493.5	510.2	526.8	532.4	537.2	553.8	569.8	569.8
82.5°	336.2	336.2	331.3	325.8	322.3	318.9	311.9	305.0	321.6	338.3	343.8
85°	169.1	169.8	162.2	153.9	144.2	133.1	131.0	128.2	127.5	126.2	131.0
87.5°	52.7	56.8	61.0	63.8	67.9	70.7	68.6	65.9	63.1	61.0	55.5
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4
2.5°	4165.9	4159.0	4152.1	4146.5	4141.7	4138.2	4141.7	4146.5	4152.1	4159.0	4165.9
5°	3912.9	3901.8	3890.0	3882.4	3874.8	3867.9	3874.8	3882.4	3890.0	3901.8	3912.9
7.5°	3757.0	3738.9	3720.9	3707.7	3694.6	3687.6	3694.6	3707.7	3720.9	3738.9	3757.0
10°	3672.4	3646.7	3621.8	3607.9	3594.1	3583.7	3594.1	3607.9	3621.8	3646.7	3672.4
12.5°	3679.3	3647.4	3616.9	3596.1	3575.3	3562.9	3575.3	3596.1	3616.9	3647.4	3679.3
15°	3786.1	3741.7	3696.0	3670.3	3644.7	3625.3	3644.7	3670.3	3696.0	3741.7	3786.1
17.5°	3923.3	3858.2	3793.0	3770.1	3746.6	3736.2	3746.6	3770.1	3793.0	3858.2	3923.3
20°	4025.9	3938.6	3852.6	3818.0	3783.3	3770.8	3783.3	3818.0	3852.6	3938.6	4025.9
22.5°	4049.5	3946.9	3843.6	3811.0	3777.8	3763.9	3777.8	3811.0	3843.6	3946.9	4049.5
25°	3989.2	3881.0	3772.2	3738.9	3705.0	3694.6	3705.0	3738.9	3772.2	3881.0	3989.2
27.5°	3841.5	3745.9	3649.5	3614.2	3578.1	3555.9	3578.1	3614.2	3649.5	3745.9	3841.5
30°	3601.0	3529.6	3458.9	3436.7	3413.8	3403.4	3413.8	3436.7	3458.9	3529.6	3601.0
32.5°	3334.1	3289.8	3245.4	3230.8	3216.3	3209.4	3216.3	3230.8	3245.4	3289.8	3334.1
35°	3091.5	3059.6	3027.7	3016.0	3004.9	2994.5	3004.9	3016.0	3027.7	3059.6	3091.5
37.5°	2912.7	2875.3	2836.4	2815.6	2794.8	2779.6	2794.8	2815.6	2836.4	2875.3	2912.7
40°	2758.8	2704.7	2651.4	2622.9	2593.8	2578.6	2593.8	2622.9	2651.4	2704.7	2758.8
42.5°	2609.8	2547.4	2485.0	2441.3	2398.4	2370.6	2398.4	2441.3	2485.0	2547.4	2609.8
45°	2476.0	2406.0	2336.0	2284.0	2232.0	2197.3	2232.0	2284.0	2336.0	2406.0	2476.0
47.5°	2381.0	2320.7	2259.7	2214.0	2168.2	2135.0	2168.2	2214.0	2259.7	2320.7	2381.0
50°	2334.6	2286.8	2238.9	2195.9	2152.3	2121.1	2152.3	2195.9	2238.9	2286.8	2334.6
52.5°	2293.0	2258.3	2223.7	2186.2	2148.8	2121.1	2148.8	2186.2	2223.7	2258.3	2293.0
55°	2228.5	2203.6	2177.9	2150.2	2122.5	2100.3	2122.5	2150.2	2177.9	2203.6	2228.5
57.5°	2157.1	2130.8	2103.8	2083.0	2062.2	2051.8	2062.2	2083.0	2103.8	2130.8	2157.1
60°	2060.1	2039.3	2018.5	1999.1	1979.0	1961.7	1979.0	1999.1	2018.5	2039.3	2060.1
62.5°	1902.7	1893.0	1884.0	1861.8	1840.4	1816.1	1840.4	1861.8	1884.0	1893.0	1902.7
65°	*1717.7*	*1712.8*	*1708.7*	*1692.7*	*1677.5*	*1649.7*	*1677.5*	*1692.7*	*1708.7*	*1712.8*	*1717.7*
67.5°	1526.4	1517.3	1507.6	1491.0	1475.1	1469.5	1475.1	1491.0	1507.6	1517.3	1526.4
70°	1351.7	1337.8	1323.9	1286.5	1249.1	1206.1	1249.1	1286.5	1323.9	1337.8	1351.7
72.5°	1188.8	1167.3	1145.1	1101.4	1057.1	1012.0	1057.1	1101.4	1145.1	1167.3	1188.8
75°	1015.5	985.0	955.2	908.7	863.0	831.8	863.0	908.7	955.2	985.0	1015.5
77.5°	795.8	769.4	743.1	715.3	687.6	672.4	687.6	715.3	743.1	769.4	795.8
80°	569.8	550.4	530.3	516.4	502.5	492.1	502.5	516.4	530.3	550.4	569.8
82.5°	350.0	341.0	332.7	317.5	301.5	291.1	301.5	317.5	332.7	341.0	350.0
85°	135.2	133.1	131.7	126.2	121.3	117.8	121.3	126.2	131.7	133.1	135.2
87.5°	49.9	45.7	41.6	38.8	36.0	34.7	36.0	38.8	41.6	45.7	49.9
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: P1364161
CATALOG NUMBER: GSS-SB5C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4
2.5°	4180.5	4195.0	4217.2	4238.7	4269.2	4299.0	4324.7	4349.6	4378.0	4407.1	4443.9
5°	3940.0	3966.3	3998.9	4030.8	4071.7	4111.9	4157.6	4202.0	4256.0	4310.1	4375.3
7.5°	3787.5	3818.0	3865.1	3912.9	3963.5	4013.4	4073.0	4132.7	4203.4	4273.4	4353.8
10°	3716.8	3762.5	3815.2	3867.9	3933.7	3999.6	4062.6	4125.7	4197.8	4269.9	4354.5
12.5°	3735.5	3791.6	3862.3	3933.7	4012.7	4091.1	4149.3	4207.5	4257.4	4308.0	4378.0
15°	3867.2	3947.6	4046.7	4145.1	4217.9	4290.7	4310.8	4330.9	4335.1	4339.2	4385.0
17.5°	4042.5	4162.5	4301.1	4439.7	4491.0	4541.6	4502.1	4462.6	4394.0	4325.4	4331.6
20°	4183.3	4340.6	4522.2	4703.1	4708.0	4713.5	4606.8	4500.0	4366.3	4231.8	4193.0
22.5°	4243.6	4437.6	4615.8	4793.2	4754.4	4714.9	4561.0	4407.1	4231.8	4056.4	3998.9
25°	4177.0	4365.6	4511.8	4658.1	4584.6	4511.1	4345.5	4179.8	4017.6	3855.4	3792.3
27.5°	3994.0	4146.5	4235.9	4325.4	4242.9	4160.4	4027.3	3894.2	3773.6	3653.0	3592.0
30°	3709.8	3819.3	3878.3	3937.2	3871.3	3805.5	3715.4	3625.3	3537.9	3450.6	3403.4
32.5°	3406.2	3478.3	3524.1	3569.8	3533.8	3497.0	3430.5	3363.2	3306.4	3249.6	3229.5
35°	3155.3	3219.8	3257.9	3296.0	3268.3	3240.5	3185.8	3131.7	3094.3	3056.9	3073.5
37.5°	2967.4	3022.2	3049.9	3077.7	3037.5	2997.9	2952.2	2905.8	2889.1	2871.1	2916.8
40°	2810.8	2862.8	2868.3	2873.2	2824.0	2774.0	2730.4	2686.0	2688.1	2689.5	2756.0
42.5°	2653.4	2696.4	2686.0	2675.6	2622.9	2570.3	2526.6	2482.9	2491.9	2500.9	2585.5
45°	2515.5	2554.3	2530.1	2505.8	2447.6	2390.0	2351.2	2313.8	2327.7	2341.5	2427.5
47.5°	2406.7	2433.0	2406.7	2381.0	2316.6	2252.8	2212.6	2173.1	2182.1	2190.4	2265.3
50°	2339.4	2344.3	2297.2	2249.3	2198.7	2148.8	2105.8	2062.2	2051.8	2041.4	2103.1
52.5°	2284.7	2277.0	2226.4	2176.5	2124.6	2072.6	2032.4	1992.9	1961.0	1928.4	1974.8
55°	2218.1	2207.7	2161.3	2114.2	2065.6	2017.1	1969.3	1921.5	1875.7	1830.0	1881.3
57.5°	2148.8	2140.5	2085.7	2031.0	1982.5	1933.9	1881.9	1830.0	1784.2	1738.5	1809.9
60°	2049.0	2037.9	1982.5	1927.0	1877.1	1826.5	1773.8	1720.4	1690.6	1660.1	1750.2
62.5°	1886.1	1870.2	1816.8	1764.1	1722.5	1680.9	1621.3	1561.0	1558.2	1554.1	1671.9
65°	*1701.7*	*1685.8*	*1640.0*	*1594.3*	*1561.0*	*1528.4*	*1470.9*	*1414.1*	*1427.9*	*1441.8*	*1567.9*
67.5°	1508.3	1490.3	1459.1	1427.9	1400.9	1373.9	1321.2	1268.5	1296.9	1325.3	1437.6
70°	1342.0	1332.3	1307.3	1282.4	1258.8	1235.2	1192.2	1149.3	1167.3	1185.3	1251.9
72.5°	1182.5	1177.0	1153.4	1129.9	1109.8	1089.7	1057.1	1024.5	1037.0	1050.1	1064.7
75°	1005.1	994.7	970.4	946.2	930.2	915.0	890.0	865.1	874.1	883.8	891.4
77.5°	791.6	788.8	768.7	748.6	734.1	719.5	696.6	673.8	684.8	694.6	713.3
80°	569.8	569.8	553.8	537.2	532.4	526.8	510.2	493.5	501.9	509.5	532.4
82.5°	343.8	338.3	321.6	305.0	311.9	318.9	322.3	325.8	331.3	336.2	336.2
85°	131.0	126.2	127.5	128.2	131.0	133.1	144.2	153.9	162.2	169.8	169.1
87.5°	55.5	61.0	63.1	65.9	68.6	70.7	67.9	63.8	61.0	56.8	52.7
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: P1364161
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4
2.5°	4481.3	4516.0	4555.5	4595.0	4633.8	4674.7	4714.9	4755.1	4795.3	4839.0	4883.4
5°	4441.8	4509.0	4587.4	4662.2	4737.8	4817.5	4897.2	4978.3	5060.1	5137.7	5216.1
7.5°	4434.9	4516.0	4619.9	4719.8	4818.9	4929.8	5040.7	5164.8	5288.9	5420.6	5552.3
10°	4439.7	4526.4	4637.3	4751.7	4866.0	5003.3	5139.8	5294.4	5448.3	5606.3	5763.7
12.5°	4448.7	4533.3	4654.6	4780.1	4906.2	5059.4	5212.6	5385.2	5557.8	5714.5	5871.1
15°	4430.7	4505.6	4640.7	4782.8	4924.9	5090.6	5255.6	5431.0	5606.3	5764.4	5923.1
17.5°	4337.8	4401.6	4559.6	4724.6	4890.3	5078.1	5266.7	5453.8	5641.0	5788.6	5937.0
20°	4153.4	4193.7	4403.0	4620.6	4838.3	5059.4	5280.5	5481.6	5682.6	5832.3	5982.0
22.5°	3940.6	3978.8	4228.3	4501.4	4774.5	5044.9	5315.2	5535.6	5756.7	5893.3	6030.5
25°	3729.2	3732.7	4019.0	4359.3	4699.7	5043.5	5387.3	5628.5	5869.7	5988.3	6106.8
27.5°	3531.7	3514.4	3806.9	4213.8	4619.9	5056.6	5493.3	5764.4	6036.1	6126.9	6217.7
30°	3356.3	3337.6	3621.8	4086.9	4552.7	5085.1	5618.1	5925.2	6231.6	6302.3	6373.7
32.5°	3209.4	3209.4	3471.4	3976.0	4481.3	5116.9	5753.3	6114.4	6475.6	6519.9	6564.3
35°	3090.1	3133.1	3335.5	3849.8	4363.5	5109.3	5855.9	6315.4	6775.7	6831.1	6886.6
37.5°	2961.2	3043.0	3202.4	3709.8	4217.9	5087.8	5957.8	6560.8	7163.9	7229.7	7295.6
40°	2822.6	2925.2	3051.3	3542.8	4034.2	5039.3	6044.4	6841.5	7638.7	7769.0	7898.6
42.5°	2670.1	2796.9	2885.0	3343.8	3802.0	4955.4	6108.2	7152.1	8194.6	8469.8	8744.3
45°	2514.8	2641.0	2720.7	3141.4	3562.9	4897.9	6232.9	7573.5	8914.1	9354.3	9794.4
47.5°	2339.4	2457.3	2549.5	2940.4	3332.7	4830.7	6328.6	8006.8	9684.9	10242.2	10799.5
50°	2164.1	2280.5	2406.7	2761.6	3115.8	4716.3	6316.1	8384.5	10452.9	11208.5	11964.0
52.5°	2020.6	2145.3	2306.9	2600.8	2896.0	4482.0	6068.7	8563.4	11057.4	12257.9	13457.8
55°	1932.5	2079.5	2240.3	2466.3	2690.9	4171.5	5650.7	8516.2	11381.8	13312.2	15242.7
57.5°	1881.9	2062.2	2197.3	2352.6	2507.9	3846.4	5184.9	8259.1	11333.3	14197.4	17062.3
60°	1840.4	2020.6	2126.6	2235.5	2344.3	3435.3	4526.4	7642.8	10759.3	14593.9	18427.8
62.5°	1789.8	1961.7	2006.7	2067.0	2128.0	2914.1	3700.1	6632.9	9565.7	13714.3	17862.9
65°	*1694.8*	*1836.9*	*1849.4*	*1861.8*	*1875.0*	*2290.2*	*2704.7*	*5202.9*	*7701.1*	*11828.9*	*15956.7*
67.5°	1549.2	1646.3	1627.6	1590.8	1554.1	1750.9	1947.8	4048.8	6149.8	10159.0	14168.3
70°	1318.4	1365.5	1371.1	1316.3	1261.6	1330.9	1400.2	3102.6	4805.0	8630.6	12456.2
72.5°	1080.0	1050.1	1105.6	1064.0	1022.4	1023.1	1024.5	2332.5	3640.5	7166.6	10692.1
75°	899.7	880.3	858.1	808.2	759.0	763.2	768.0	1728.8	2689.5	5722.1	8754.7
77.5°	731.3	727.8	664.1	610.0	555.9	553.1	549.0	1117.4	1685.8	3754.2	5822.6
80°	554.5	558.0	467.9	411.7	354.9	352.1	348.0	617.6	887.3	2152.3	3417.3
82.5°	336.2	322.3	271.7	244.0	216.3	215.6	214.9	332.0	449.2	1078.6	1708.7
85°	167.7	159.4	131.7	113.7	95.7	90.8	86.6	105.4	124.8	256.5	388.2
87.5°	48.5	41.6	38.1	34.7	31.2	29.1	27.7	28.4	29.1	30.5	31.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364161
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	*4519.4*	4519.4	4519.4
2.5°	4900.7	4918.0	4936.7	4956.1	4967.2	4978.3	4990.1	5001.2	*5011.6*	5001.2	4990.1
5°	5294.4	5372.0	5424.7	5477.4	5517.6	5557.8	5580.7	5604.2	*5607.7*	5604.2	5580.7
7.5°	5645.1	5738.0	5818.4	5898.8	5950.1	6001.4	6031.2	6061.7	*6072.1*	6061.7	6031.2
10°	5872.5	5982.0	6059.7	6138.0	6185.8	6232.9	6256.5	6280.1	*6287.0*	6280.1	6256.5
12.5°	5975.8	6080.4	6140.8	6200.4	6230.9	6260.7	6271.8	6281.5	*6273.2*	6281.5	6271.8
15°	5984.8	6045.8	6071.4	6096.4	6081.8	6066.6	6045.1	6023.6	*6009.7*	6023.6	6045.1
17.5°	5958.5	5980.6	5934.2	5888.4	5805.3	5722.1	5659.7	5597.3	*5552.3*	5597.3	5659.7
20°	5947.4	5912.7	5789.3	5666.6	5510.7	5354.7	5250.0	5144.7	*5080.9*	5144.7	5250.0
22.5°	5932.8	5835.1	5627.8	5420.6	5207.1	4994.3	4873.6	4753.7	*4685.8*	4753.7	4873.6
25°	5939.0	5770.6	5490.6	5211.2	4960.3	4710.1	4579.1	4448.7	*4373.9*	4448.7	4579.1
27.5°	5961.2	5704.8	5358.2	5011.6	4739.9	4467.5	4342.7	4217.9	*4152.1*	4217.9	4342.7
30°	6033.3	5692.3	5277.8	4862.6	4578.4	4294.2	4172.2	4049.5	*3978.8*	4049.5	4172.2
32.5°	6134.5	5704.8	5240.3	4775.9	4486.2	4197.1	4080.0	3963.5	*3902.5*	3963.5	4080.0
35°	6342.5	5798.3	5283.3	4769.0	4500.0	4231.8	4145.8	4060.6	*4027.3*	4060.6	4145.8
37.5°	6659.9	6023.6	5493.3	4963.1	4780.1	4597.1	4597.1	4597.1	*4623.4*	4597.1	4597.1
40°	7184.7	6470.7	5968.9	5467.7	5456.6	5446.9	5563.3	5680.5	*5732.5*	5680.5	5563.3
42.5°	7989.4	7235.3	6830.5	6425.6	6668.3	6910.9	7247.7	7584.6	*7805.0*	7584.6	7247.7
45°	9059.7	8324.9	8042.1	7760.0	8300.0	8839.2	9434.7	10030.1	*10452.9*	10030.1	9434.7
47.5°	10181.2	9562.2	9400.7	9239.9	10137.5	11035.2	11907.9	12780.6	*13294.9*	12780.6	11907.9
50°	11408.1	10851.5	10820.3	10789.1	11984.8	13180.5	14306.9	15433.3	*16060.7*	15433.3	14306.9
52.5°	12847.1	12235.8	12260.7	12284.3	13704.6	15124.9	16486.9	17849.0	*18556.0*	17849.0	16486.9
55°	14476.8	13710.8	13706.7	13702.5	15334.2	16967.3	18640.6	20315.3	*21259.4*	20315.3	18640.6
57.5°	16344.8	15627.4	15456.9	15285.7	16992.3	18698.1	20546.1	22394.8	*23387.4*	22394.8	20546.1
60°	18032.7	17637.6	17364.5	17092.1	18844.4	20597.4	22506.4	24414.7	*25404.5*	24414.7	22506.4
62.5°	18569.2	19275.6	19255.5	19235.3	21127.0	23018.6	25003.9	26990.5	*27879.1*	26990.5	25003.9
65°	*17083.1*	*18209.5*	*18984.4*	*19758.7*	*22045.4*	*24331.5*	*26399.9*	*28468.3*	*29376.4*	*28468.3*	*26399.9*
67.5°	15160.9	16154.2	16788.5	17422.7	19999.2	22576.4	24923.5	27270.5	*28204.9*	27270.5	24923.5
70°	13555.5	14654.9	15108.2	15561.6	17750.6	19938.9	21795.9	23652.2	*24018.2*	23652.2	21795.9
72.5°	11999.4	13307.4	13499.4	13691.4	15284.3	16877.2	17866.3	18855.5	*18057.0*	18855.5	17866.3
75°	10229.7	11704.1	11832.3	11960.6	12456.9	12953.9	13205.5	13457.8	*13003.8*	13457.8	13205.5
77.5°	7099.4	8376.9	8664.6	8952.2	9282.9	9614.2	9596.9	9579.6	*8941.8*	9579.6	9596.9
80°	4416.2	5415.0	5452.4	5489.9	5738.0	5985.5	6238.5	6491.5	*6086.0*	6491.5	6238.5
82.5°	2256.9	2805.9	2890.5	2975.1	3126.9	3278.7	3349.4	3420.8	*3077.7*	3420.8	3349.4
85°	531.0	673.8	811.7	949.6	1109.1	1268.5	1250.5	1232.4	*1039.7*	1232.4	1250.5
87.5°	31.9	33.3	34.0	34.7	35.4	36.0	38.1	40.2	*41.6*	40.2	38.1
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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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364161
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4	4519.4
2.5°	4978.3	4967.2	4956.1	4936.7	4918.0	4900.7	4883.4
5°	5557.8	5517.6	5477.4	5424.7	5372.0	5294.4	5216.1
7.5°	6001.4	5950.1	5898.8	5818.4	5738.0	5645.1	5552.3
10°	6232.9	6185.8	6138.0	6059.7	5982.0	5872.5	5763.7
12.5°	6260.7	6230.9	6200.4	6140.8	6080.4	5975.8	5871.1
15°	6066.6	6081.8	6096.4	6071.4	6045.8	5984.8	5923.1
17.5°	5722.1	5805.3	5888.4	5934.2	5980.6	5958.5	5937.0
20°	5354.7	5510.7	5666.6	5789.3	5912.7	5947.4	5982.0
22.5°	4994.3	5207.1	5420.6	5627.8	5835.1	5932.8	6030.5
25°	4710.1	4960.3	5211.2	5490.6	5770.6	5939.0	6106.8
27.5°	4467.5	4739.9	5011.6	5358.2	5704.8	5961.2	6217.7
30°	4294.2	4578.4	4862.6	5277.8	5692.3	6033.3	6373.7
32.5°	4197.1	4486.2	4775.9	5240.3	5704.8	6134.5	6564.3
35°	4231.8	4500.0	4769.0	5283.3	5798.3	6342.5	6886.6
37.5°	4597.1	4780.1	4963.1	5493.3	6023.6	6659.9	7295.6
40°	5446.9	5456.6	5467.7	5968.9	6470.7	7184.7	7898.6
42.5°	6910.9	6668.3	6425.6	6830.5	7235.3	7989.4	8744.3
45°	8839.2	8300.0	7760.0	8042.1	8324.9	9059.7	9794.4
47.5°	11035.2	10137.5	9239.9	9400.7	9562.2	10181.2	10799.5
50°	13180.5	11984.8	10789.1	10820.3	10851.5	11408.1	11964.0
52.5°	15124.9	13704.6	12284.3	12260.7	12235.8	12847.1	13457.8
55°	16967.3	15334.2	13702.5	13706.7	13710.8	14476.8	15242.7
57.5°	18698.1	16992.3	15285.7	15456.9	15627.4	16344.8	17062.3
60°	20597.4	18844.4	17092.1	17364.5	17637.6	18032.7	18427.8
62.5°	23018.6	21127.0	19235.3	19255.5	19275.6	18569.2	17862.9
65°	*24331.5*	*22045.4*	*19758.7*	*18984.4*	*18209.5*	*17083.1*	*15956.7*
67.5°	22576.4	19999.2	17422.7	16788.5	16154.2	15160.9	14168.3
70°	19938.9	17750.6	15561.6	15108.2	14654.9	13555.5	12456.2
72.5°	16877.2	15284.3	13691.4	13499.4	13307.4	11999.4	10692.1
75°	12953.9	12456.9	11960.6	11832.3	11704.1	10229.7	8754.7
77.5°	9614.2	9282.9	8952.2	8664.6	8376.9	7099.4	5822.6
80°	5985.5	5738.0	5489.9	5452.4	5415.0	4416.2	3417.3
82.5°	3278.7	3126.9	2975.1	2890.5	2805.9	2256.9	1708.7
85°	1268.5	1109.1	949.6	811.7	673.8	531.0	388.2
87.5°	36.0	35.4	34.7	34.0	33.3	31.9	31.2
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

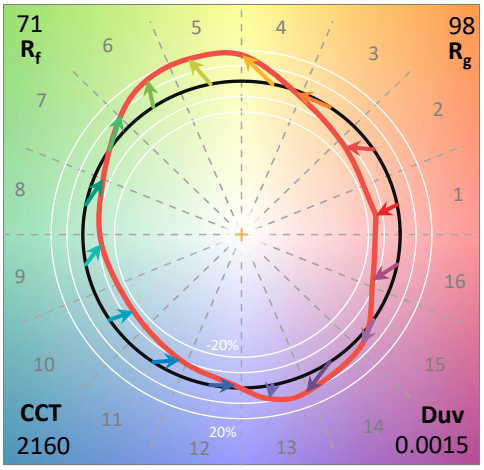
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

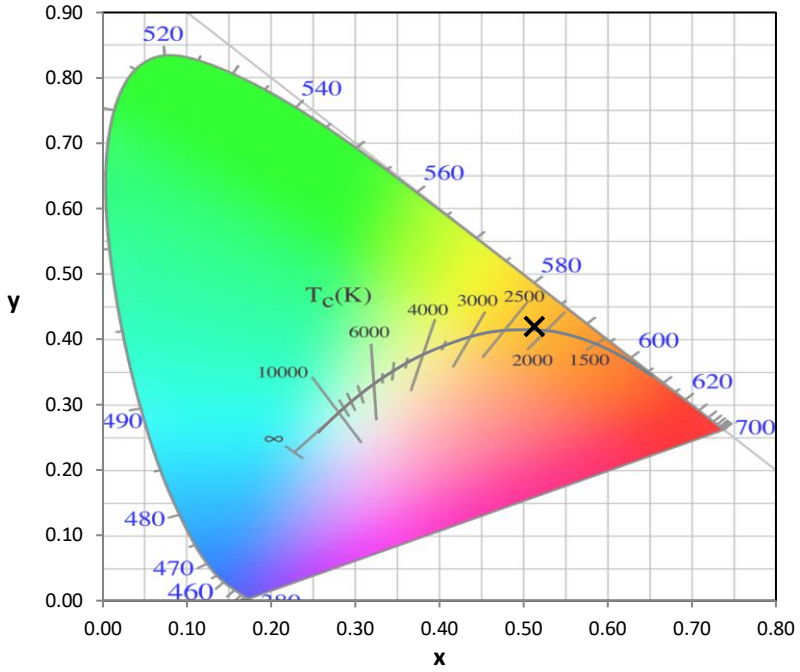
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

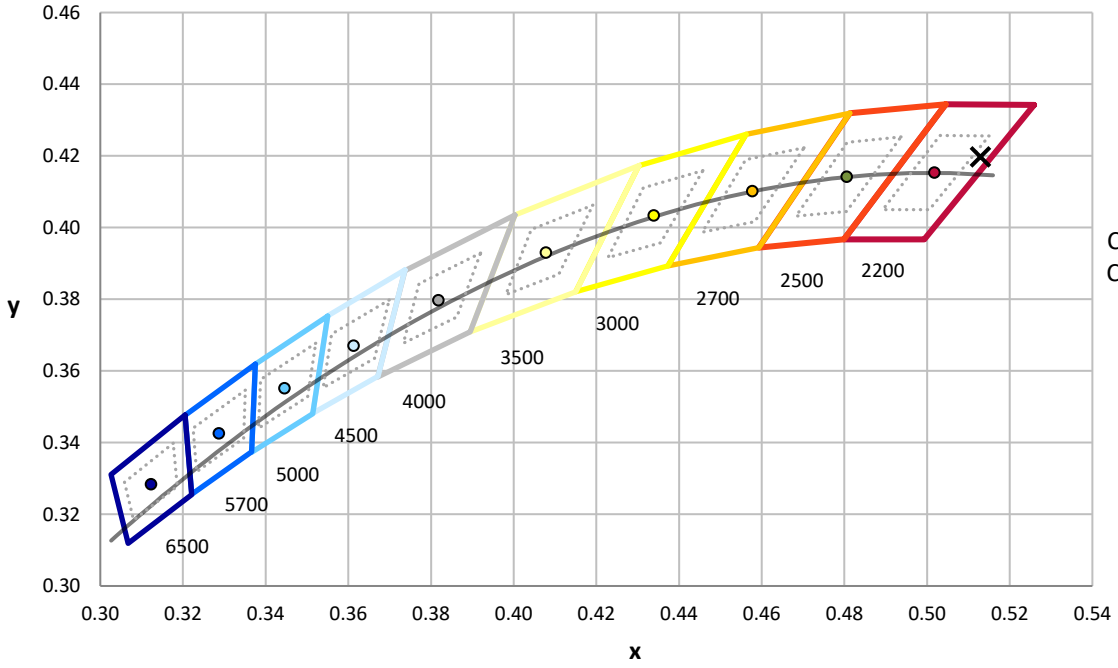
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

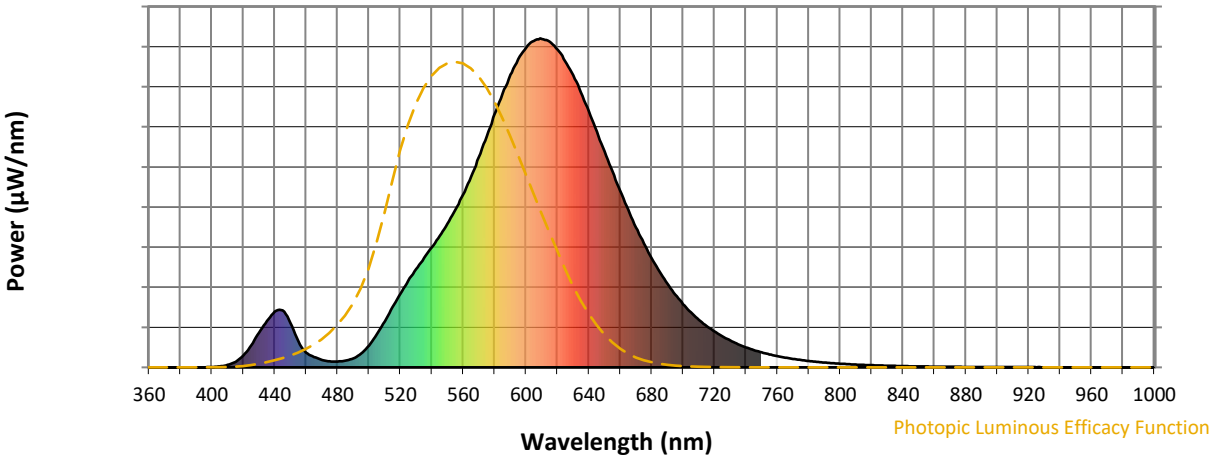


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

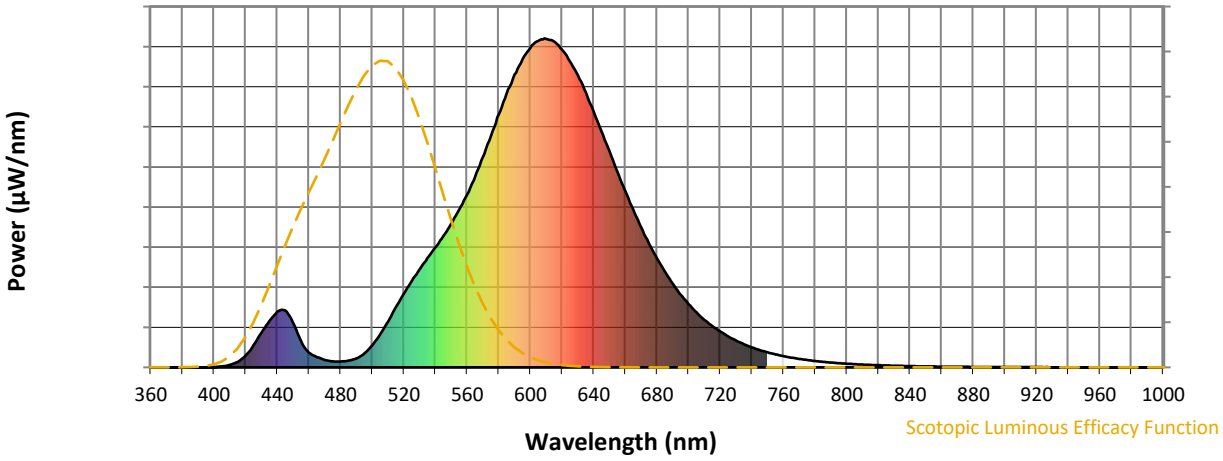


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

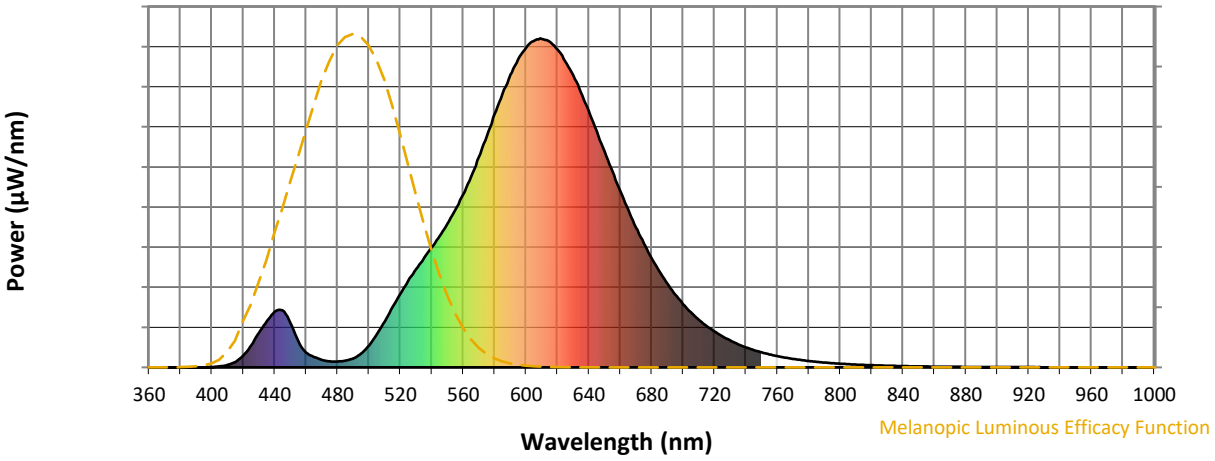


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

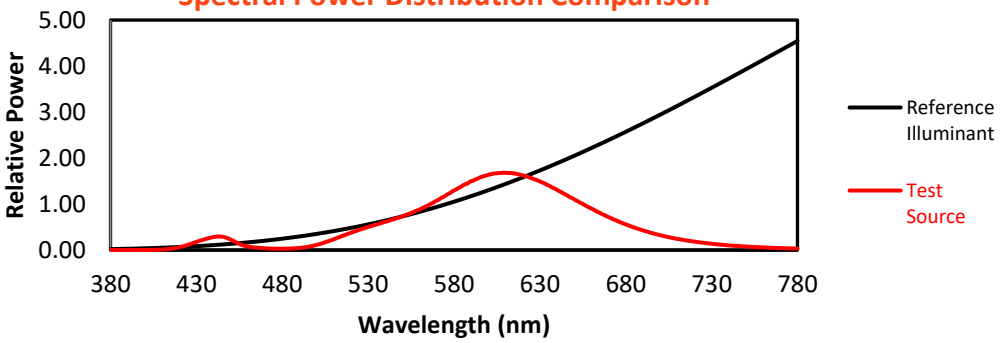
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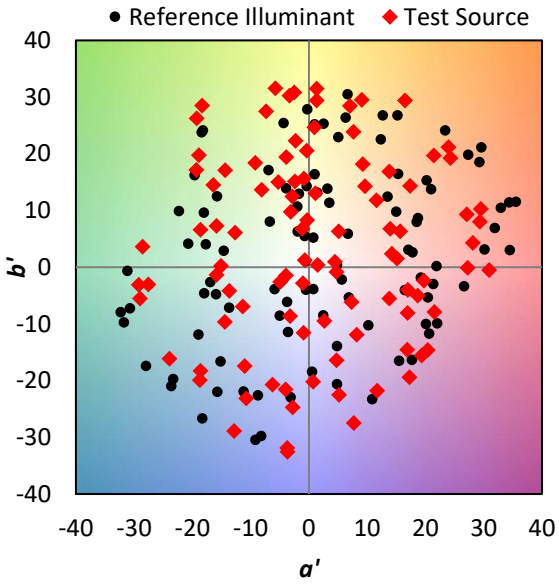
Summary

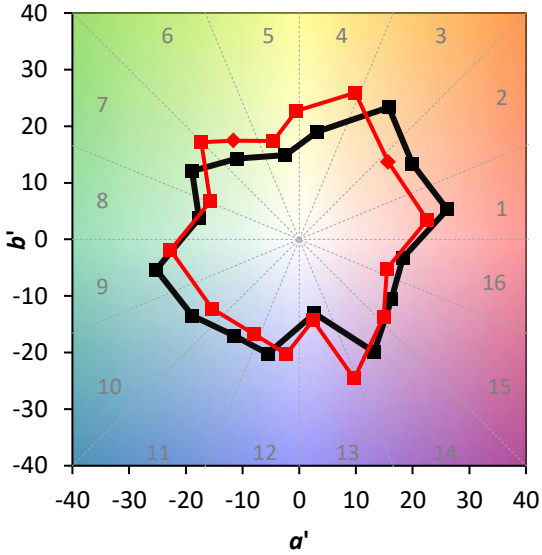
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

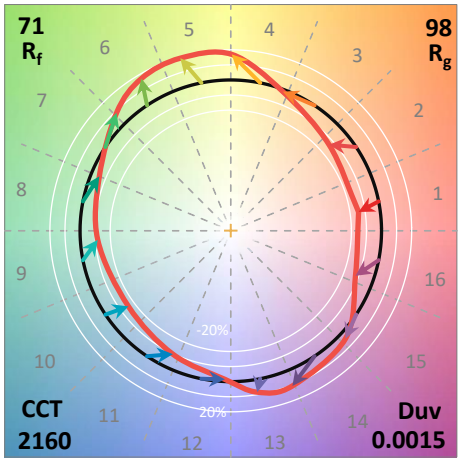
Spectral Power Distribution Comparison

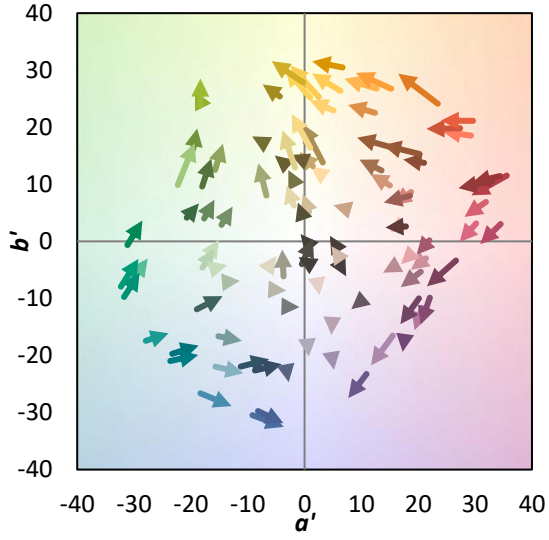


Color Vector Graphics







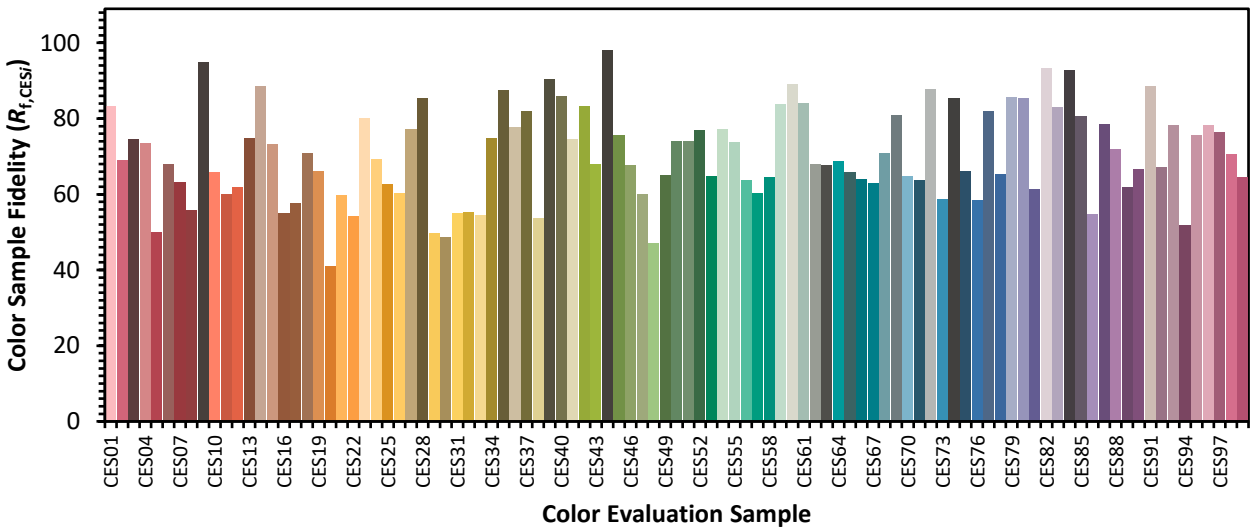


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Individual Sample Fidelity Index ($R_{f,i}$)

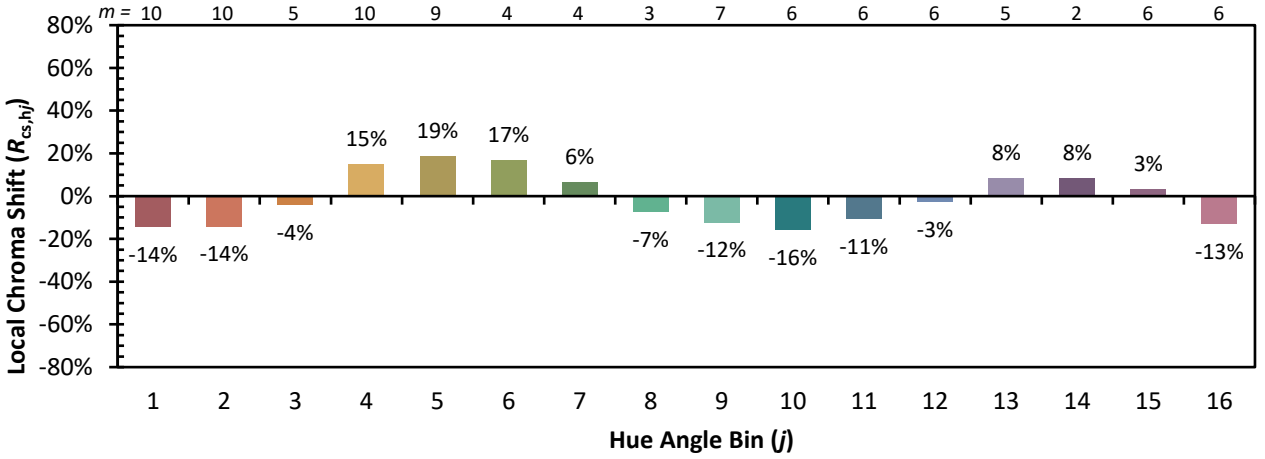
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

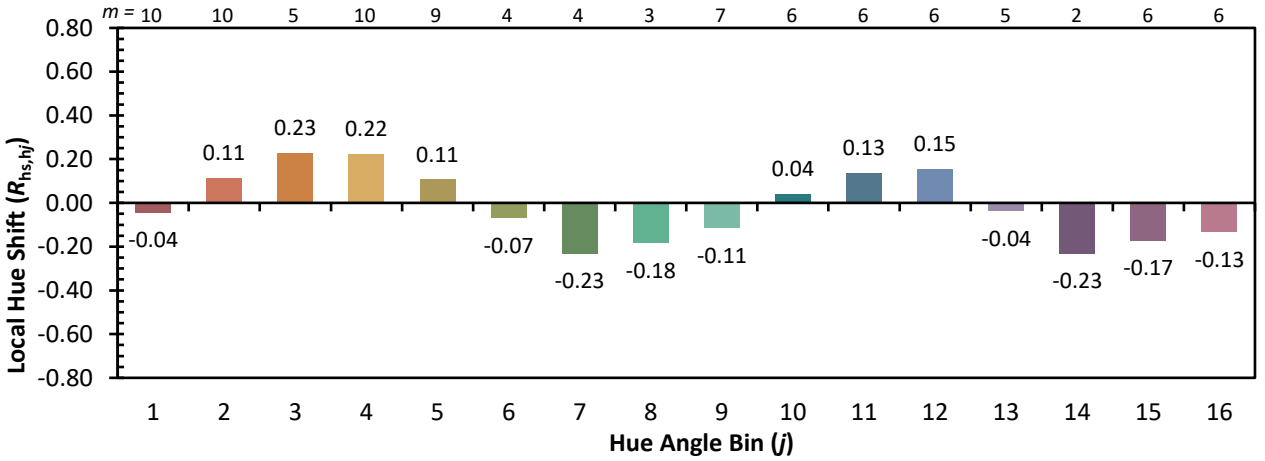


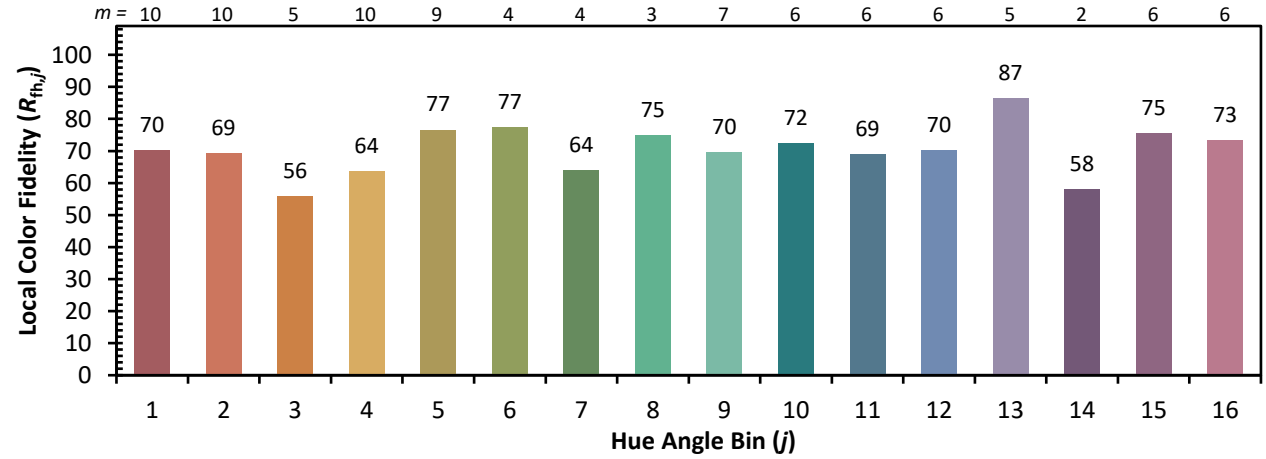
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Color Rendition by Hue-Angle Bin



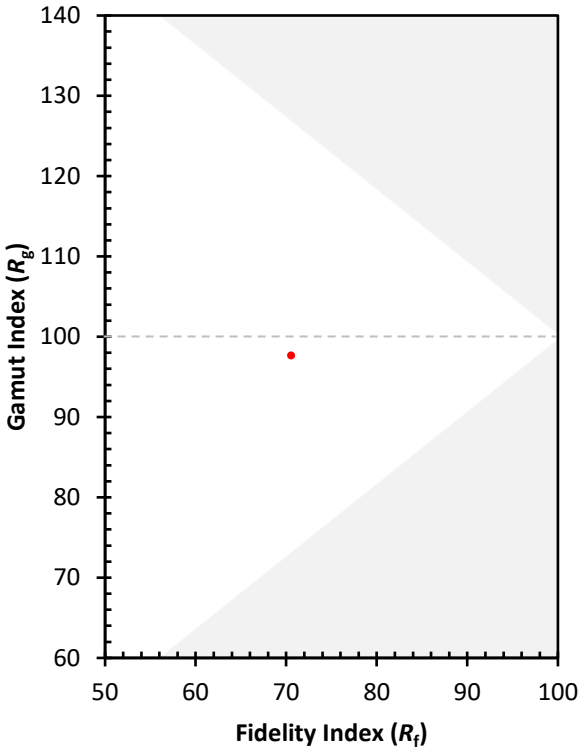


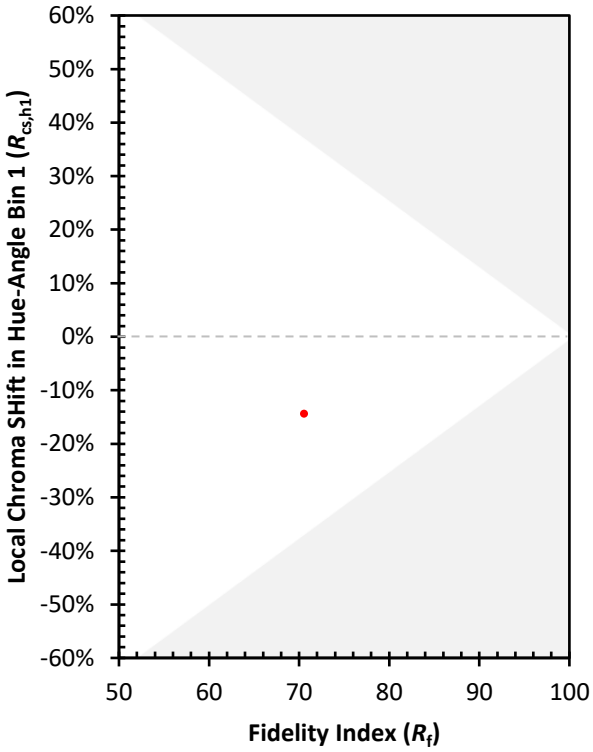


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Measure Comparisons





(END OF REPORT)