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: P1364135

Luminaire Tested: **GSS-SB5A-740-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364135
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-740-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21843.6 lumens
Efficiency:	N/A
Efficacy:	152.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

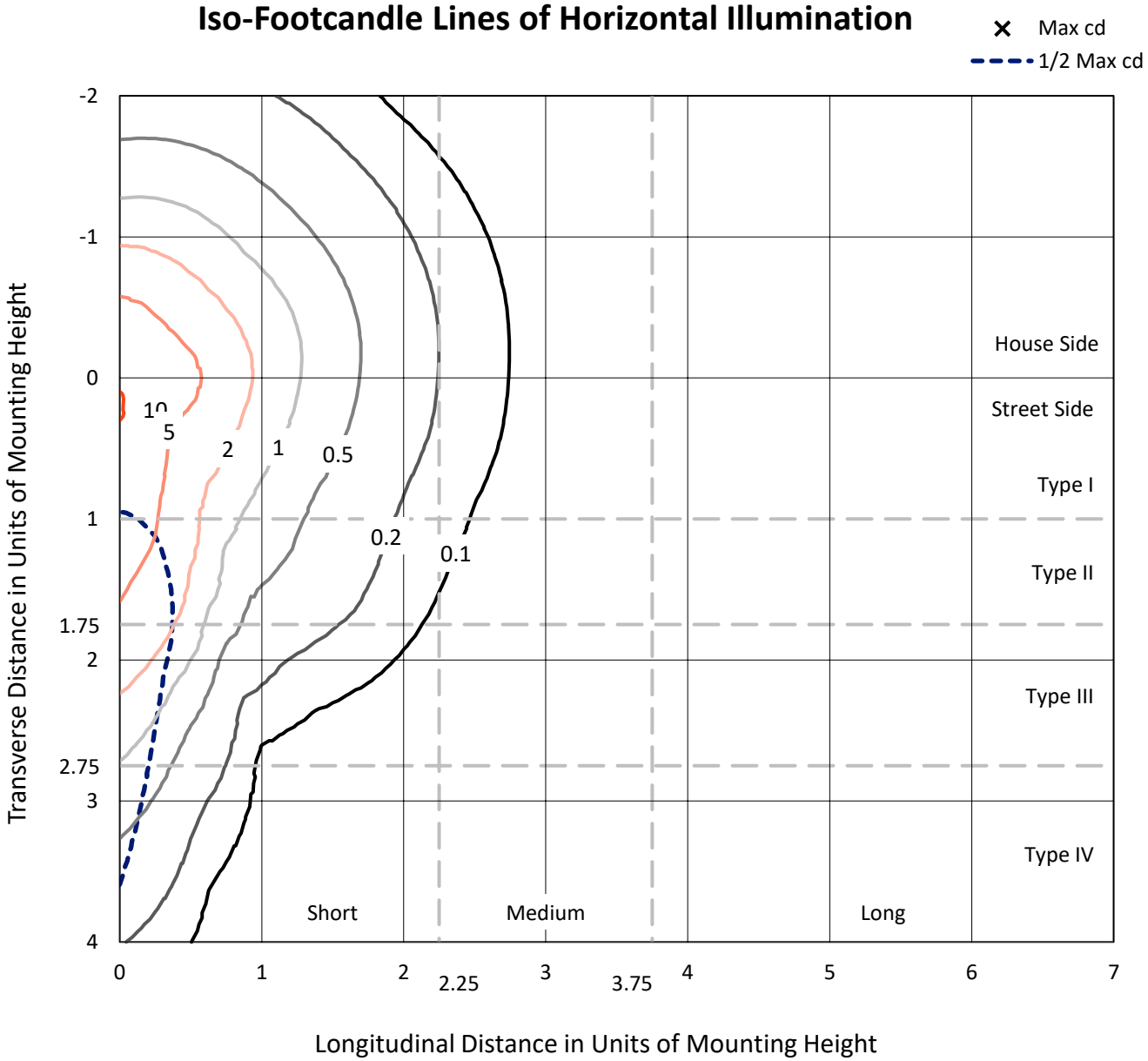
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



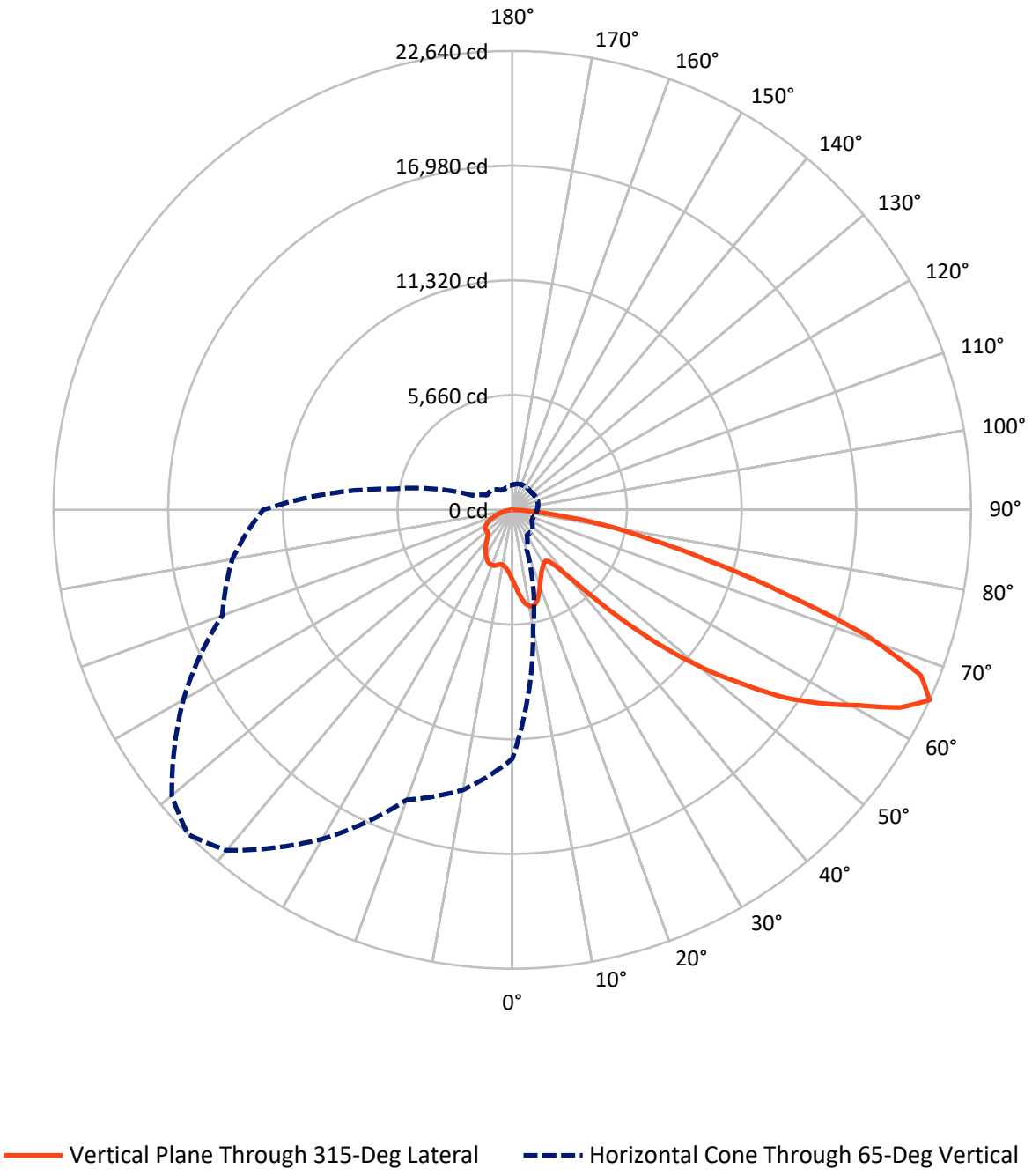
Based on 20 foot mounting height. Maximum calculated value = 10.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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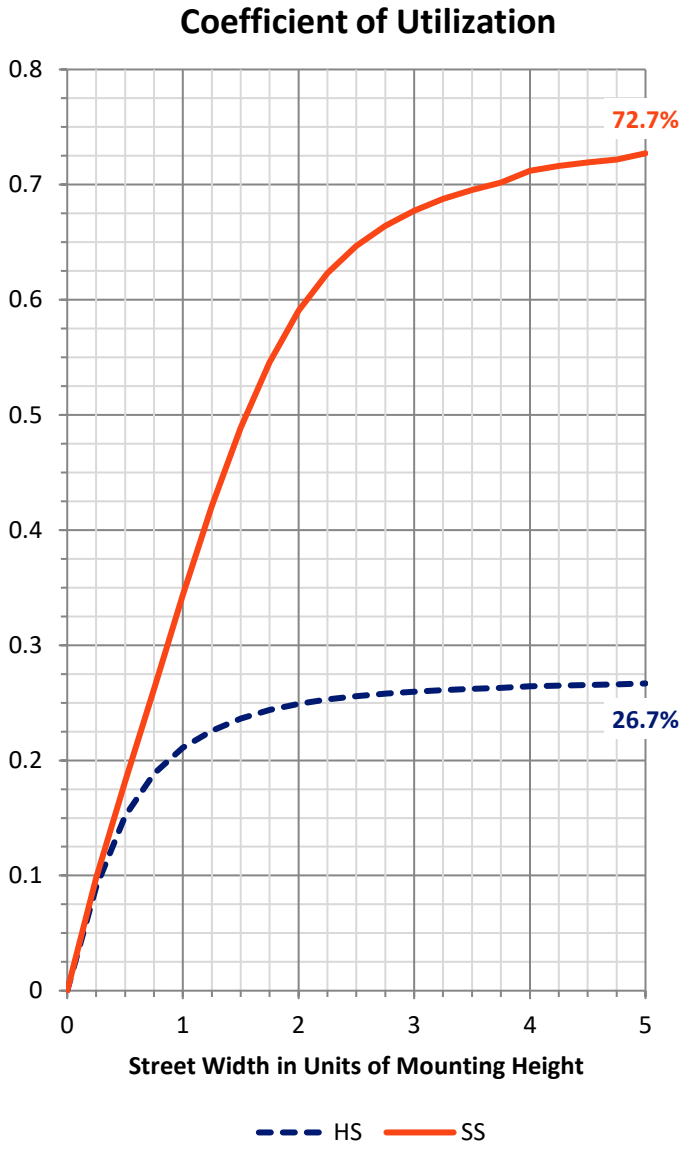
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5876.4	0.0	5876.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	15967.2	0.0	15967.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	21843.6	0.0	21843.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.9	1.6
10°-20°	1053.9	4.8
20°-30°	1631.1	7.5
30°-40°	2023.7	9.3
40°-50°	2959.3	13.5
50°-60°	4635.4	21.2
60°-70°	5500.2	25.2
70°-80°	3208.0	14.7
80°-90°	488.0	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°	21843.6	100.0
0°-180°	21843.6	100.0



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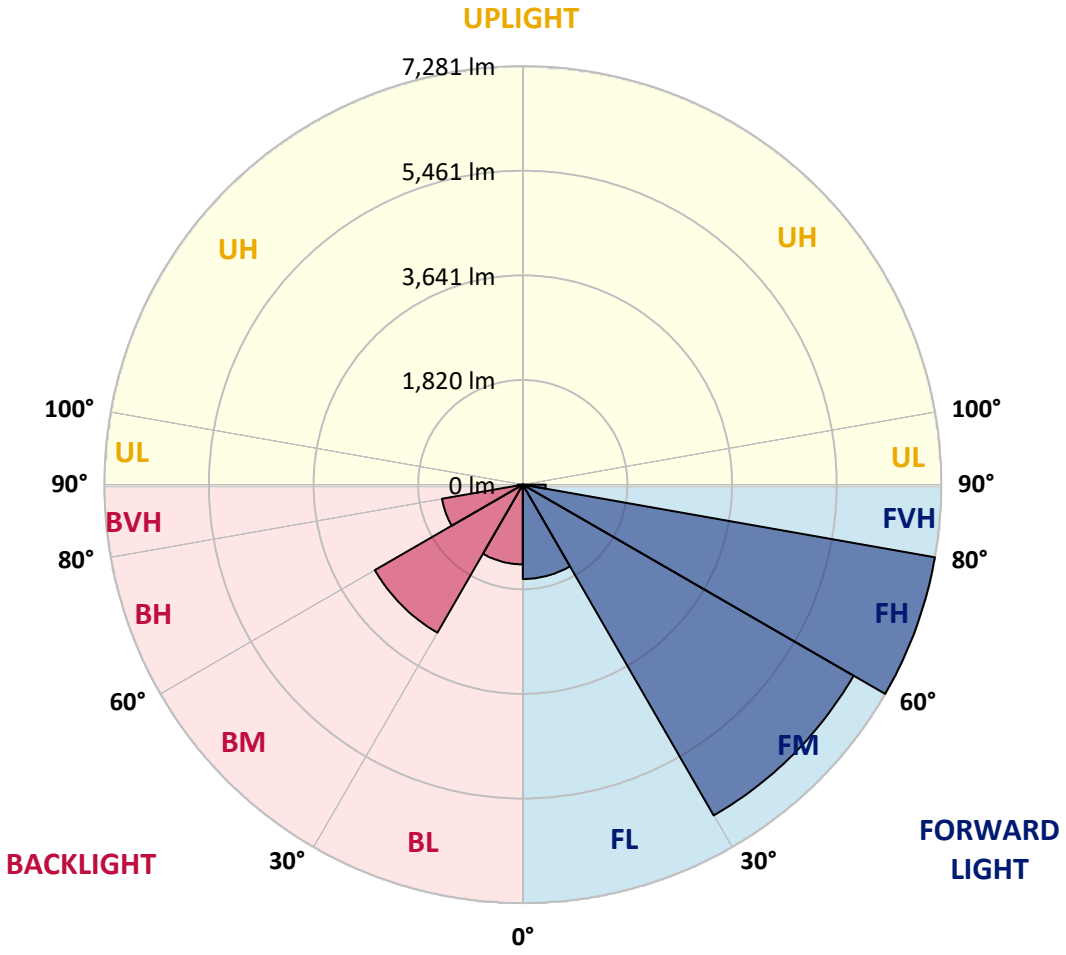
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1641.7	7.5			
FM	(30°-60°)	6645.3	30.4			
FH	(60°-80°)	7281.0	33.3			G3/7500
FVH	(80°-90°)	399.1	1.8			G3/500
BL	(0°-30°)	1387.2	6.4	B3/2500		
BM	(30°-60°)	2973.1	13.6	B3/5000		
BH	(60°-80°)	1427.1	6.5	B3/2500		G3/2500
BVH	(80°-90°)	88.9	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°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3763.5	3729.3	3695.6	3664.6	3633.6	3602.7	3571.1	3541.2	3510.8	3480.3	3453.6
5°	4019.9	3959.5	3899.7	3836.6	3774.1	3712.7	3651.3	3593.0	3535.3	3475.0	3423.2
7.5°	4279.0	4177.5	4076.0	3980.3	3884.7	3799.2	3713.8	3637.4	3560.5	3480.3	3417.8
10°	4441.9	4320.6	4198.8	4080.2	3961.1	3855.9	3750.1	3662.0	3573.8	3488.3	3421.6
12.5°	4524.7	4404.0	4283.2	4150.2	4017.2	3899.1	3781.1	3683.9	3587.2	3493.7	3428.5
15°	4564.8	4442.4	4320.6	4185.5	4050.3	3923.2	3795.5	3686.0	3576.5	3472.3	3414.6
17.5°	4575.4	4461.1	4347.3	4203.1	4058.9	3913.6	3768.8	3641.1	3514.0	3392.2	3343.0
20°	4610.2	4494.8	4379.4	4224.5	4069.6	3899.1	3728.7	3561.0	3393.3	3231.9	3200.9
22.5°	4647.6	4541.8	4436.5	4266.1	4096.3	3887.9	3679.6	3469.1	3258.6	3066.3	3036.9
25°	4706.3	4615.0	4523.6	4337.7	4151.8	3886.9	3621.9	3359.6	3097.3	2876.7	2874.0
27.5°	4791.8	4721.8	4651.8	4442.4	4233.6	3897.0	3560.5	3247.4	2933.8	2708.4	2721.8
30°	4912.0	4857.0	4802.5	4566.4	4329.7	3918.9	3508.6	3149.7	2791.2	2572.2	2586.6
32.5°	5058.9	5024.7	4990.5	4712.2	4433.9	3943.5	3453.6	3064.2	2675.3	2473.4	2473.4
35°	5307.3	5264.6	5221.8	4867.1	4512.9	3937.6	3362.8	2967.0	2570.6	2414.6	2381.5
37.5°	5622.5	5571.7	5521.0	5056.2	4591.5	3921.0	3250.6	2859.0	2468.0	2345.1	2282.1
40°	6087.2	5987.3	5886.9	5272.6	4658.2	3883.6	3109.1	2730.3	2351.6	2254.3	2175.3
42.5°	6739.0	6527.4	6315.3	5511.9	4707.4	3819.0	2930.1	2577.0	2223.3	2155.5	2057.7
45°	7548.3	7209.1	6869.8	5836.7	4803.5	3774.7	2745.8	2421.0	2096.7	2035.3	1938.1
47.5°	8322.9	7893.4	7463.9	6170.6	4877.3	3722.9	2568.4	2266.1	1964.8	1893.7	1802.9
50°	9220.3	8638.0	8055.8	6461.7	4867.6	3634.7	2401.2	2128.3	1854.7	1757.5	1667.8
52.5°	10371.5	9446.8	8521.6	6599.5	4676.9	3454.2	2231.9	2004.3	1777.8	1653.4	1557.2
55°	11747.1	10259.4	8771.6	6563.2	4354.8	3214.8	2073.8	1900.7	1726.5	1602.6	1489.4
57.5°	13149.4	10941.5	8734.2	6365.0	3995.8	2964.3	1932.7	1813.1	1693.4	1589.3	1450.4
60°	14201.8	11247.1	8291.9	5890.1	3488.3	2647.5	1806.7	1722.8	1638.9	1557.2	1418.3
62.5°	13766.4	10569.2	7372.0	5111.8	2851.6	2245.8	1640.0	1593.0	1546.5	1511.8	1379.3
65°	*12297.3*	*9116.2*	*5935.0*	*4009.7*	*2084.5*	*1765.0*	*1445.0*	*1434.9*	*1425.3*	*1415.6*	*1306.1*
67.5°	10919.1	7829.3	4739.4	3120.3	1501.1	1349.4	1197.7	1226.0	1254.3	1268.7	1193.9
70°	9599.6	6651.4	3703.1	2391.1	1079.1	1025.7	972.2	1014.4	1056.7	1052.4	1016.1
72.5°	8240.1	5523.1	2805.6	1797.6	789.6	788.5	787.9	820.0	852.1	809.3	832.3
75°	6747.0	4409.8	2072.7	1332.3	591.9	588.2	585.0	622.9	661.3	678.4	693.4
77.5°	4487.3	2893.2	1299.2	861.1	423.1	426.3	428.4	470.1	511.8	560.9	563.6
80°	2633.6	1658.7	683.8	476.0	268.2	271.4	273.5	317.3	360.6	430.0	427.4
82.5°	1316.8	831.2	346.2	255.9	165.6	166.1	166.7	188.0	209.4	248.4	259.1
85°	299.2	197.7	96.2	81.2	66.8	70.0	73.7	87.6	101.5	122.9	129.3
87.5°	24.0	23.5	22.4	21.9	21.4	22.4	24.0	26.7	29.4	32.1	37.4
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°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3424.8	3396.5	3374.0	3352.1	3332.9	3313.1	3290.2	3266.6	3250.1	3233.0	3221.8
5°	3371.9	3321.7	3280.0	3238.3	3204.1	3168.9	3137.9	3106.4	3081.8	3056.7	3036.4
7.5°	3355.3	3293.4	3239.4	3184.9	3139.0	3093.0	3054.6	3015.6	2978.7	2942.4	2918.9
10°	3355.9	3290.7	3235.1	3179.6	3131.0	3082.3	3031.6	2980.8	2940.2	2899.6	2864.4
12.5°	3374.0	3320.1	3281.1	3242.6	3197.7	3152.9	3092.5	3031.6	2976.6	2922.1	2878.8
15°	3379.4	3344.1	3340.9	3337.7	3322.2	3306.7	3250.6	3194.5	3118.7	3042.3	2980.3
17.5°	3338.2	3333.4	3386.3	3439.2	3469.6	3500.1	3461.1	3421.6	3314.7	3207.9	3115.5
20°	3231.4	3261.3	3364.9	3468.0	3550.3	3632.6	3628.3	3624.6	3485.1	3345.2	3223.9
22.5°	3081.8	3126.2	3261.3	3396.5	3515.0	3633.6	3664.1	3694.0	3557.3	3420.0	3270.4
25°	2922.6	2971.2	3096.2	3221.2	3348.9	3476.6	3533.2	3589.8	3477.1	3364.4	3219.1
27.5°	2768.2	2815.2	2908.2	3001.1	3103.7	3206.3	3269.9	3333.4	3264.5	3195.6	3078.1
30°	2622.9	2659.3	2726.6	2793.9	2863.3	2932.8	2983.5	3034.3	2988.9	2943.5	2859.0
32.5°	2488.8	2504.3	2548.1	2591.9	2643.8	2695.0	2723.4	2751.1	2715.9	2680.6	2625.1
35°	2368.7	2355.8	2384.7	2413.5	2455.2	2497.4	2518.8	2540.1	2510.8	2481.4	2431.7
37.5°	2247.9	2212.7	2226.6	2239.4	2275.2	2310.4	2340.9	2371.9	2350.5	2329.1	2286.9
40°	2124.0	2072.7	2071.6	2070.0	2104.2	2137.9	2176.3	2214.3	2210.5	2206.3	2166.2
42.5°	1992.6	1927.4	1920.5	1913.5	1947.2	1980.8	2021.4	2062.0	2070.0	2078.0	2044.9
45°	1870.8	1804.5	1793.9	1783.2	1812.0	1841.9	1886.3	1931.1	1949.8	1968.5	1938.6
47.5°	1745.8	1688.1	1681.7	1674.7	1705.2	1736.2	1785.3	1835.0	1854.7	1875.0	1854.7
50°	1620.8	1573.2	1581.2	1589.3	1622.9	1656.0	1694.5	1733.5	1770.3	1806.7	1802.9
52.5°	1521.9	1486.2	1511.3	1535.8	1566.3	1597.3	1637.3	1677.4	1715.9	1754.9	1760.7
55°	1449.8	1410.3	1445.6	1480.8	1517.7	1554.5	1591.9	1629.3	1665.6	1701.4	1709.4
57.5°	1394.8	1339.8	1375.0	1410.3	1450.4	1490.4	1527.8	1565.2	1607.4	1649.6	1656.0
60°	1348.9	1279.4	1302.9	1325.9	1367.0	1407.6	1446.6	1485.1	1527.8	1570.6	1579.1
62.5°	1288.5	1197.7	1200.9	1203.0	1249.5	1295.4	1327.5	1359.5	1400.1	1441.3	1453.6
65°	*1208.4*	*1111.1*	*1100.5*	*1089.8*	*1133.6*	*1177.9*	*1203.0*	*1228.7*	*1263.9*	*1299.2*	*1311.5*
67.5°	1107.9	1021.4	999.5	977.6	1018.2	1058.8	1079.6	1100.5	1124.5	1148.5	1162.4
70°	964.8	913.5	899.6	885.7	918.8	951.9	970.1	988.3	1007.5	1026.7	1034.2
72.5°	820.5	809.3	799.2	789.6	814.7	839.8	855.3	870.7	888.9	907.1	911.3
75°	687.0	681.1	673.6	666.7	685.9	705.1	716.9	729.2	747.9	766.6	774.6
77.5°	549.7	535.3	527.8	519.2	536.9	554.5	565.7	576.9	592.4	607.9	610.1
80°	410.3	392.6	386.8	380.4	393.2	406.0	410.3	414.0	426.8	439.1	439.1
82.5°	259.1	259.1	255.3	251.1	248.4	245.7	240.4	235.0	247.9	260.7	265.0
85°	130.3	130.9	125.0	118.6	111.1	102.6	101.0	98.8	98.3	97.2	101.0
87.5°	40.6	43.8	47.0	49.1	52.4	54.5	52.9	50.7	48.6	47.0	42.7
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3210.6	3205.2	3199.9	3195.6	3191.9	3189.2	3191.9	3195.6	3199.9	3205.2	3210.6
5°	3015.6	3007.0	2997.9	2992.1	2986.2	2980.8	2986.2	2992.1	2997.9	3007.0	3015.6
7.5°	2895.4	2881.5	2867.6	2857.4	2847.3	2842.0	2847.3	2857.4	2867.6	2881.5	2895.4
10°	2830.2	2810.4	2791.2	2780.5	2769.8	2761.8	2769.8	2780.5	2791.2	2810.4	2830.2
12.5°	2835.5	2811.0	2787.5	2771.4	2755.4	2745.8	2755.4	2771.4	2787.5	2811.0	2835.5
15°	2917.8	2883.6	2848.4	2828.6	2808.8	2793.9	2808.8	2828.6	2848.4	2883.6	2917.8
17.5°	3023.6	2973.4	2923.2	2905.5	2887.4	2879.3	2887.4	2905.5	2923.2	2973.4	3023.6
20°	3102.6	3035.3	2969.1	2942.4	2915.7	2906.1	2915.7	2942.4	2969.1	3035.3	3102.6
22.5°	3120.8	3041.7	2962.2	2937.0	2911.4	2900.7	2911.4	2937.0	2962.2	3041.7	3120.8
25°	3074.3	2991.0	2907.1	2881.5	2855.3	2847.3	2855.3	2881.5	2907.1	2991.0	3074.3
27.5°	2960.5	2886.8	2812.6	2785.3	2757.6	2740.5	2757.6	2785.3	2812.6	2886.8	2960.5
30°	2775.2	2720.2	2665.7	2648.6	2630.9	2622.9	2630.9	2648.6	2665.7	2720.2	2775.2
32.5°	2569.5	2535.3	2501.1	2489.9	2478.7	2473.4	2478.7	2489.9	2501.1	2535.3	2569.5
35°	2382.5	2358.0	2333.4	2324.3	2315.8	2307.8	2315.8	2324.3	2333.4	2358.0	2382.5
37.5°	2244.7	2215.9	2186.0	2169.9	2153.9	2142.2	2153.9	2169.9	2186.0	2215.9	2244.7
40°	2126.1	2084.5	2043.3	2021.4	1999.0	1987.2	1999.0	2021.4	2043.3	2084.5	2126.1
42.5°	2011.3	1963.2	1915.1	1881.5	1848.3	1827.0	1848.3	1881.5	1915.1	1963.2	2011.3
45°	1908.2	1854.2	1800.3	1760.2	1720.1	1693.4	1720.1	1760.2	1800.3	1854.2	1908.2
47.5°	1835.0	1788.5	1741.5	1706.2	1671.0	1645.3	1671.0	1706.2	1741.5	1788.5	1835.0
50°	1799.2	1762.3	1725.5	1692.4	1658.7	1634.7	1658.7	1692.4	1725.5	1762.3	1799.2
52.5°	1767.1	1740.4	1713.7	1684.9	1656.0	1634.7	1656.0	1684.9	1713.7	1740.4	1767.1
55°	1717.5	1698.2	1678.5	1657.1	1635.7	1618.6	1635.7	1657.1	1678.5	1698.2	1717.5
57.5°	1662.4	1642.1	1621.3	1605.3	1589.3	1581.2	1589.3	1605.3	1621.3	1642.1	1662.4
60°	1587.6	1571.6	1555.6	1540.6	1525.1	1511.8	1525.1	1540.6	1555.6	1571.6	1587.6
62.5°	1466.4	1458.9	1452.0	1434.9	1418.3	1399.6	1418.3	1434.9	1452.0	1458.9	1466.4
65°	*1323.8*	*1320.0*	*1316.8*	*1304.5*	*1292.8*	*1271.4*	*1292.8*	*1304.5*	*1316.8*	*1320.0*	*1323.8*
67.5°	1176.3	1169.4	1161.9	1149.1	1136.8	1132.5	1136.8	1149.1	1161.9	1169.4	1176.3
70°	1041.7	1031.0	1020.3	991.5	962.6	929.5	962.6	991.5	1020.3	1031.0	1041.7
72.5°	916.2	899.6	882.5	848.8	814.7	779.9	814.7	848.8	882.5	899.6	916.2
75°	782.6	759.1	736.1	700.3	665.1	641.0	665.1	700.3	736.1	759.1	782.6
77.5°	613.3	593.0	572.7	551.3	529.9	518.2	529.9	551.3	572.7	593.0	613.3
80°	439.1	424.2	408.7	398.0	387.3	379.3	387.3	398.0	408.7	424.2	439.1
82.5°	269.8	262.8	256.4	244.7	232.4	224.4	232.4	244.7	256.4	262.8	269.8
85°	104.2	102.6	101.5	97.2	93.5	90.8	93.5	97.2	101.5	102.6	104.2
87.5°	38.5	35.3	32.1	29.9	27.8	26.7	27.8	29.9	32.1	35.3	38.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364135
CATALOG NUMBER: GSS-SB5A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3221.8	3233.0	3250.1	3266.6	3290.2	3313.1	3332.9	3352.1	3374.0	3396.5	3424.8
5°	3036.4	3056.7	3081.8	3106.4	3137.9	3168.9	3204.1	3238.3	3280.0	3321.7	3371.9
7.5°	2918.9	2942.4	2978.7	3015.6	3054.6	3093.0	3139.0	3184.9	3239.4	3293.4	3355.3
10°	2864.4	2899.6	2940.2	2980.8	3031.6	3082.3	3131.0	3179.6	3235.1	3290.7	3355.9
12.5°	2878.8	2922.1	2976.6	3031.6	3092.5	3152.9	3197.7	3242.6	3281.1	3320.1	3374.0
15°	2980.3	3042.3	3118.7	3194.5	3250.6	3306.7	3322.2	3337.7	3340.9	3344.1	3379.4
17.5°	3115.5	3207.9	3314.7	3421.6	3461.1	3500.1	3469.6	3439.2	3386.3	3333.4	3338.2
20°	3223.9	3345.2	3485.1	3624.6	3628.3	3632.6	3550.3	3468.0	3364.9	3261.3	3231.4
22.5°	3270.4	3420.0	3557.3	3694.0	3664.1	3633.6	3515.0	3396.5	3261.3	3126.2	3081.8
25°	3219.1	3364.4	3477.1	3589.8	3533.2	3476.6	3348.9	3221.2	3096.2	2971.2	2922.6
27.5°	3078.1	3195.6	3264.5	3333.4	3269.9	3206.3	3103.7	3001.1	2908.2	2815.2	2768.2
30°	2859.0	2943.5	2988.9	3034.3	2983.5	2932.8	2863.3	2793.9	2726.6	2659.3	2622.9
32.5°	2625.1	2680.6	2715.9	2751.1	2723.4	2695.0	2643.8	2591.9	2548.1	2504.3	2488.8
35°	2431.7	2481.4	2510.8	2540.1	2518.8	2497.4	2455.2	2413.5	2384.7	2355.8	2368.7
37.5°	2286.9	2329.1	2350.5	2371.9	2340.9	2310.4	2275.2	2239.4	2226.6	2212.7	2247.9
40°	2166.2	2206.3	2210.5	2214.3	2176.3	2137.9	2104.2	2070.0	2071.6	2072.7	2124.0
42.5°	2044.9	2078.0	2070.0	2062.0	2021.4	1980.8	1947.2	1913.5	1920.5	1927.4	1992.6
45°	1938.6	1968.5	1949.8	1931.1	1886.3	1841.9	1812.0	1783.2	1793.9	1804.5	1870.8
47.5°	1854.7	1875.0	1854.7	1835.0	1785.3	1736.2	1705.2	1674.7	1681.7	1688.1	1745.8
50°	1802.9	1806.7	1770.3	1733.5	1694.5	1656.0	1622.9	1589.3	1581.2	1573.2	1620.8
52.5°	1760.7	1754.9	1715.9	1677.4	1637.3	1597.3	1566.3	1535.8	1511.3	1486.2	1521.9
55°	1709.4	1701.4	1665.6	1629.3	1591.9	1554.5	1517.7	1480.8	1445.6	1410.3	1449.8
57.5°	1656.0	1649.6	1607.4	1565.2	1527.8	1490.4	1450.4	1410.3	1375.0	1339.8	1394.8
60°	1579.1	1570.6	1527.8	1485.1	1446.6	1407.6	1367.0	1325.9	1302.9	1279.4	1348.9
62.5°	1453.6	1441.3	1400.1	1359.5	1327.5	1295.4	1249.5	1203.0	1200.9	1197.7	1288.5
65°	*1311.5*	*1299.2*	*1263.9*	*1228.7*	*1203.0*	*1177.9*	*1133.6*	*1089.8*	*1100.5*	*1111.1*	*1208.4*
67.5°	1162.4	1148.5	1124.5	1100.5	1079.6	1058.8	1018.2	977.6	999.5	1021.4	1107.9
70°	1034.2	1026.7	1007.5	988.3	970.1	951.9	918.8	885.7	899.6	913.5	964.8
72.5°	911.3	907.1	888.9	870.7	855.3	839.8	814.7	789.6	799.2	809.3	820.5
75°	774.6	766.6	747.9	729.2	716.9	705.1	685.9	666.7	673.6	681.1	687.0
77.5°	610.1	607.9	592.4	576.9	565.7	554.5	536.9	519.2	527.8	535.3	549.7
80°	439.1	439.1	426.8	414.0	410.3	406.0	393.2	380.4	386.8	392.6	410.3
82.5°	265.0	260.7	247.9	235.0	240.4	245.7	248.4	251.1	255.3	259.1	259.1
85°	101.0	97.2	98.3	98.8	101.0	102.6	111.1	118.6	125.0	130.9	130.3
87.5°	42.7	47.0	48.6	50.7	52.9	54.5	52.4	49.1	47.0	43.8	40.6
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364135
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3453.6	3480.3	3510.8	3541.2	3571.1	3602.7	3633.6	3664.6	3695.6	3729.3	3763.5
5°	3423.2	3475.0	3535.3	3593.0	3651.3	3712.7	3774.1	3836.6	3899.7	3959.5	4019.9
7.5°	3417.8	3480.3	3560.5	3637.4	3713.8	3799.2	3884.7	3980.3	4076.0	4177.5	4279.0
10°	3421.6	3488.3	3573.8	3662.0	3750.1	3855.9	3961.1	4080.2	4198.8	4320.6	4441.9
12.5°	3428.5	3493.7	3587.2	3683.9	3781.1	3899.1	4017.2	4150.2	4283.2	4404.0	4524.7
15°	3414.6	3472.3	3576.5	3686.0	3795.5	3923.2	4050.3	4185.5	4320.6	4442.4	4564.8
17.5°	3343.0	3392.2	3514.0	3641.1	3768.8	3913.6	4058.9	4203.1	4347.3	4461.1	4575.4
20°	3200.9	3231.9	3393.3	3561.0	3728.7	3899.1	4069.6	4224.5	4379.4	4494.8	4610.2
22.5°	3036.9	3066.3	3258.6	3469.1	3679.6	3887.9	4096.3	4266.1	4436.5	4541.8	4647.6
25°	2874.0	2876.7	3097.3	3359.6	3621.9	3886.9	4151.8	4337.7	4523.6	4615.0	4706.3
27.5°	2721.8	2708.4	2933.8	3247.4	3560.5	3897.0	4233.6	4442.4	4651.8	4721.8	4791.8
30°	2586.6	2572.2	2791.2	3149.7	3508.6	3918.9	4329.7	4566.4	4802.5	4857.0	4912.0
32.5°	2473.4	2473.4	2675.3	3064.2	3453.6	3943.5	4433.9	4712.2	4990.5	5024.7	5058.9
35°	2381.5	2414.6	2570.6	2967.0	3362.8	3937.6	4512.9	4867.1	5221.8	5264.6	5307.3
37.5°	2282.1	2345.1	2468.0	2859.0	3250.6	3921.0	4591.5	5056.2	5521.0	5571.7	5622.5
40°	2175.3	2254.3	2351.6	2730.3	3109.1	3883.6	4658.2	5272.6	5886.9	5987.3	6087.2
42.5°	2057.7	2155.5	2223.3	2577.0	2930.1	3819.0	4707.4	5511.9	6315.3	6527.4	6739.0
45°	1938.1	2035.3	2096.7	2421.0	2745.8	3774.7	4803.5	5836.7	6869.8	7209.1	7548.3
47.5°	1802.9	1893.7	1964.8	2266.1	2568.4	3722.9	4877.3	6170.6	7463.9	7893.4	8322.9
50°	1667.8	1757.5	1854.7	2128.3	2401.2	3634.7	4867.6	6461.7	8055.8	8638.0	9220.3
52.5°	1557.2	1653.4	1777.8	2004.3	2231.9	3454.2	4676.9	6599.5	8521.6	9446.8	10371.5
55°	1489.4	1602.6	1726.5	1900.7	2073.8	3214.8	4354.8	6563.2	8771.6	10259.4	11747.1
57.5°	1450.4	1589.3	1693.4	1813.1	1932.7	2964.3	3995.8	6365.0	8734.2	10941.5	13149.4
60°	1418.3	1557.2	1638.9	1722.8	1806.7	2647.5	3488.3	5890.1	8291.9	11247.1	14201.8
62.5°	1379.3	1511.8	1546.5	1593.0	1640.0	2245.8	2851.6	5111.8	7372.0	10569.2	13766.4
65°	*1306.1*	*1415.6*	*1425.3*	*1434.9*	*1445.0*	*1765.0*	*2084.5*	*4009.7*	*5935.0*	*9116.2*	*12297.3*
67.5°	1193.9	1268.7	1254.3	1226.0	1197.7	1349.4	1501.1	3120.3	4739.4	7829.3	10919.1
70°	1016.1	1052.4	1056.7	1014.4	972.2	1025.7	1079.1	2391.1	3703.1	6651.4	9599.6
72.5°	832.3	809.3	852.1	820.0	787.9	788.5	789.6	1797.6	2805.6	5523.1	8240.1
75°	693.4	678.4	661.3	622.9	585.0	588.2	591.9	1332.3	2072.7	4409.8	6747.0
77.5°	563.6	560.9	511.8	470.1	428.4	426.3	423.1	861.1	1299.2	2893.2	4487.3
80°	427.4	430.0	360.6	317.3	273.5	271.4	268.2	476.0	683.8	1658.7	2633.6
82.5°	259.1	248.4	209.4	188.0	166.7	166.1	165.6	255.9	346.2	831.2	1316.8
85°	129.3	122.9	101.5	87.6	73.7	70.0	66.8	81.2	96.2	197.7	299.2
87.5°	37.4	32.1	29.4	26.7	24.0	22.4	21.4	21.9	22.4	23.5	24.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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REPORT NUMBER: P1364135
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3776.8	3790.2	3804.6	3819.5	3828.1	3836.6	3845.7	3854.3	3862.3	3854.3	3845.7
5°	4080.2	4140.1	4180.7	4221.3	4252.2	4283.2	4300.9	4319.0	4321.7	4319.0	4300.9
7.5°	4350.5	4422.1	4484.1	4546.1	4585.6	4625.1	4648.1	4671.6	4679.6	4671.6	4648.1
10°	4525.8	4610.2	4670.0	4730.4	4767.2	4803.5	4821.7	4839.9	4845.2	4839.9	4821.7
12.5°	4605.4	4686.0	4732.5	4778.4	4801.9	4824.9	4833.5	4840.9	4834.5	4840.9	4833.5
15°	4612.3	4659.3	4679.1	4698.3	4687.1	4675.3	4658.8	4642.2	4631.5	4642.2	4658.8
17.5°	4592.0	4609.1	4573.3	4538.0	4473.9	4409.8	4361.8	4313.7	4279.0	4313.7	4361.8
20°	4583.5	4556.7	4461.7	4367.1	4246.9	4126.7	4046.0	3964.8	3915.7	3964.8	4046.0
22.5°	4572.2	4496.9	4337.2	4177.5	4012.9	3848.9	3756.0	3663.6	3611.2	3663.6	3756.0
25°	4577.0	4447.2	4231.4	4016.1	3822.8	3629.9	3528.9	3428.5	3370.8	3428.5	3528.9
27.5°	4594.1	4396.5	4129.4	3862.3	3652.9	3442.9	3346.8	3250.6	3199.9	3250.6	3346.8
30°	4649.7	4386.9	4067.4	3747.4	3528.4	3309.4	3215.4	3120.8	3066.3	3120.8	3215.4
32.5°	4727.7	4396.5	4038.6	3680.7	3457.4	3234.6	3144.3	3054.6	3007.6	3054.6	3144.3
35°	4887.9	4468.6	4071.7	3675.3	3468.0	3261.3	3195.1	3129.4	3103.7	3129.4	3195.1
37.5°	5132.6	4642.2	4233.6	3824.9	3683.9	3542.8	3542.8	3542.8	3563.1	3542.8	3542.8
40°	5537.0	4986.8	4600.0	4213.8	4205.2	4197.8	4287.5	4377.8	4417.9	4377.8	4287.5
42.5°	6157.2	5576.0	5264.0	4952.1	5139.0	5326.0	5585.6	5845.2	6015.1	5845.2	5585.6
45°	6982.0	6415.8	6197.8	5980.4	6396.5	6812.1	7271.0	7729.9	8055.8	7729.9	7271.0
47.5°	7846.4	7369.3	7244.8	7120.9	7812.7	8504.5	9177.1	9849.6	10246.0	9849.6	9177.1
50°	8791.9	8362.9	8338.9	8314.9	9236.4	10157.9	11025.9	11894.0	12377.5	11894.0	11025.9
52.5°	9900.9	9429.7	9449.0	9467.1	10561.7	11656.3	12706.0	13755.7	14300.6	13755.7	12706.0
55°	11156.8	10566.5	10563.3	10560.1	11817.6	13076.2	14365.8	15656.4	16384.0	15656.4	14365.8
57.5°	12596.5	12043.6	11912.2	11780.2	13095.4	14410.1	15834.3	17259.0	18024.0	17259.0	15834.3
60°	13897.3	13592.8	13382.3	13172.4	14522.8	15873.8	17345.0	18815.7	19578.5	18815.7	17345.0
62.5°	14310.7	14855.1	14839.6	14824.1	16281.9	17739.8	19269.7	20800.8	21485.6	20800.8	19269.7
65°	13165.4	14033.5	14630.7	15227.4	16989.8	18751.6	20345.6	21939.7	22639.5	21939.7	20345.6
67.5°	11684.1	12449.6	12938.4	13427.2	15412.8	17399.0	19207.8	21016.6	21736.7	21016.6	19207.8
70°	10446.9	11294.1	11643.5	11992.8	13679.8	15366.3	16797.5	18228.0	18510.1	18228.0	16797.5
72.5°	9247.6	10255.6	10403.6	10551.6	11779.2	13006.8	13769.1	14531.4	13916.0	14531.4	13769.1
75°	7883.8	9020.0	9118.8	9217.7	9600.1	9983.2	10177.1	10371.5	10021.6	10371.5	10177.1
77.5°	5471.3	6455.8	6677.5	6899.2	7154.0	7409.4	7396.0	7382.7	6891.2	7382.7	7396.0
80°	3403.4	4173.2	4202.0	4230.9	4422.1	4612.8	4807.8	5002.8	4690.3	5002.8	4807.8
82.5°	1739.4	2162.5	2227.6	2292.8	2409.8	2526.8	2581.3	2636.3	2371.9	2636.3	2581.3
85°	409.2	519.2	625.6	731.9	854.7	977.6	963.7	949.8	801.3	949.8	963.7
87.5°	24.6	25.6	26.2	26.7	27.2	27.8	29.4	31.0	32.1	31.0	29.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364135
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0	3483.0
2.5°	3836.6	3828.1	3819.5	3804.6	3790.2	3776.8	3763.5
5°	4283.2	4252.2	4221.3	4180.7	4140.1	4080.2	4019.9
7.5°	4625.1	4585.6	4546.1	4484.1	4422.1	4350.5	4279.0
10°	4803.5	4767.2	4730.4	4670.0	4610.2	4525.8	4441.9
12.5°	4824.9	4801.9	4778.4	4732.5	4686.0	4605.4	4524.7
15°	4675.3	4687.1	4698.3	4679.1	4659.3	4612.3	4564.8
17.5°	4409.8	4473.9	4538.0	4573.3	4609.1	4592.0	4575.4
20°	4126.7	4246.9	4367.1	4461.7	4556.7	4583.5	4610.2
22.5°	3848.9	4012.9	4177.5	4337.2	4496.9	4572.2	4647.6
25°	3629.9	3822.8	4016.1	4231.4	4447.2	4577.0	4706.3
27.5°	3442.9	3652.9	3862.3	4129.4	4396.5	4594.1	4791.8
30°	3309.4	3528.4	3747.4	4067.4	4386.9	4649.7	4912.0
32.5°	3234.6	3457.4	3680.7	4038.6	4396.5	4727.7	5058.9
35°	3261.3	3468.0	3675.3	4071.7	4468.6	4887.9	5307.3
37.5°	3542.8	3683.9	3824.9	4233.6	4642.2	5132.6	5622.5
40°	4197.8	4205.2	4213.8	4600.0	4986.8	5537.0	6087.2
42.5°	5326.0	5139.0	4952.1	5264.0	5576.0	6157.2	6739.0
45°	6812.1	6396.5	5980.4	6197.8	6415.8	6982.0	7548.3
47.5°	8504.5	7812.7	7120.9	7244.8	7369.3	7846.4	8322.9
50°	10157.9	9236.4	8314.9	8338.9	8362.9	8791.9	9220.3
52.5°	11656.3	10561.7	9467.1	9449.0	9429.7	9900.9	10371.5
55°	13076.2	11817.6	10560.1	10563.3	10566.5	11156.8	11747.1
57.5°	14410.1	13095.4	11780.2	11912.2	12043.6	12596.5	13149.4
60°	15873.8	14522.8	13172.4	13382.3	13592.8	13897.3	14201.8
62.5°	17739.8	16281.9	14824.1	14839.6	14855.1	14310.7	13766.4
65°	*18751.6*	*16989.8*	*15227.4*	*14630.7*	*14033.5*	*13165.4*	*12297.3*
67.5°	17399.0	15412.8	13427.2	12938.4	12449.6	11684.1	10919.1
70°	15366.3	13679.8	11992.8	11643.5	11294.1	10446.9	9599.6
72.5°	13006.8	11779.2	10551.6	10403.6	10255.6	9247.6	8240.1
75°	9983.2	9600.1	9217.7	9118.8	9020.0	7883.8	6747.0
77.5°	7409.4	7154.0	6899.2	6677.5	6455.8	5471.3	4487.3
80°	4612.8	4422.1	4230.9	4202.0	4173.2	3403.4	2633.6
82.5°	2526.8	2409.8	2292.8	2227.6	2162.5	1739.4	1316.8
85°	977.6	854.7	731.9	625.6	519.2	409.2	299.2
87.5°	27.8	27.2	26.7	26.2	25.6	24.6	24.0
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-79-2019: 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

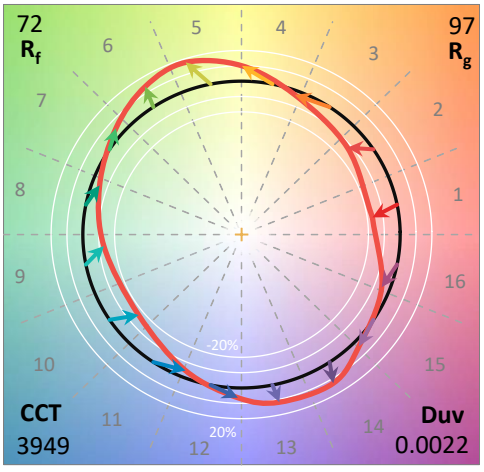
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Version: v7.04

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

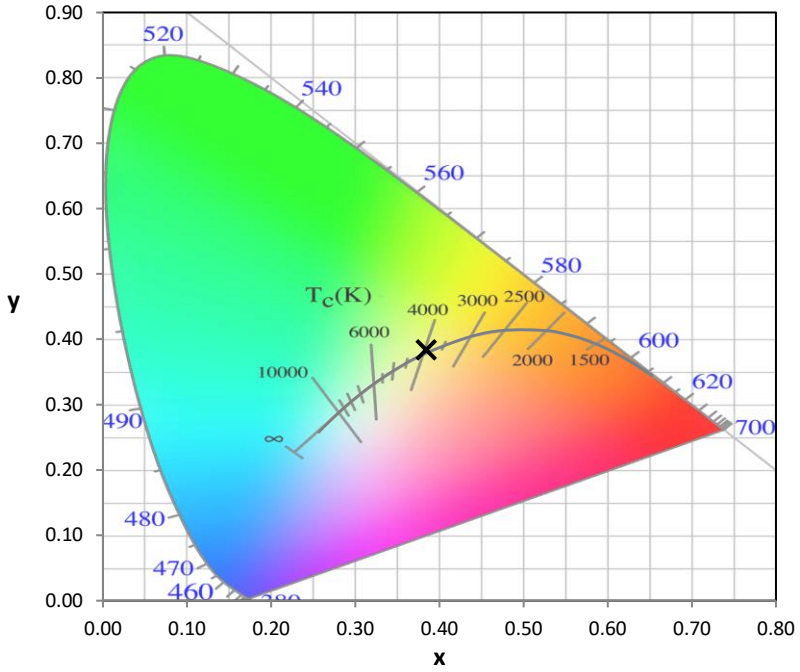
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

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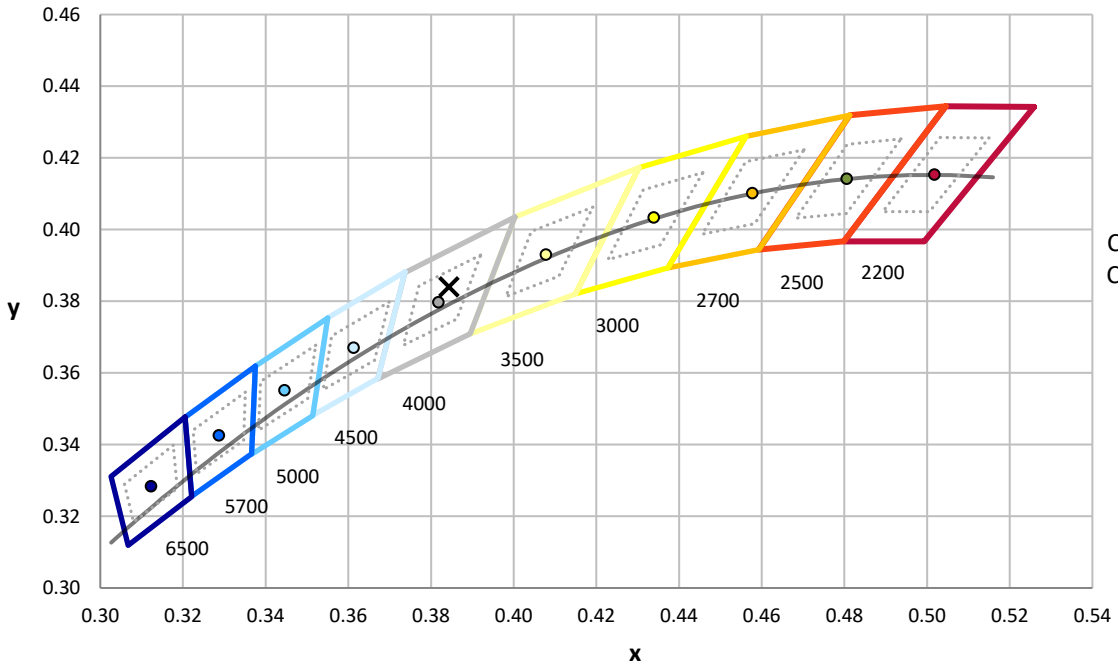
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

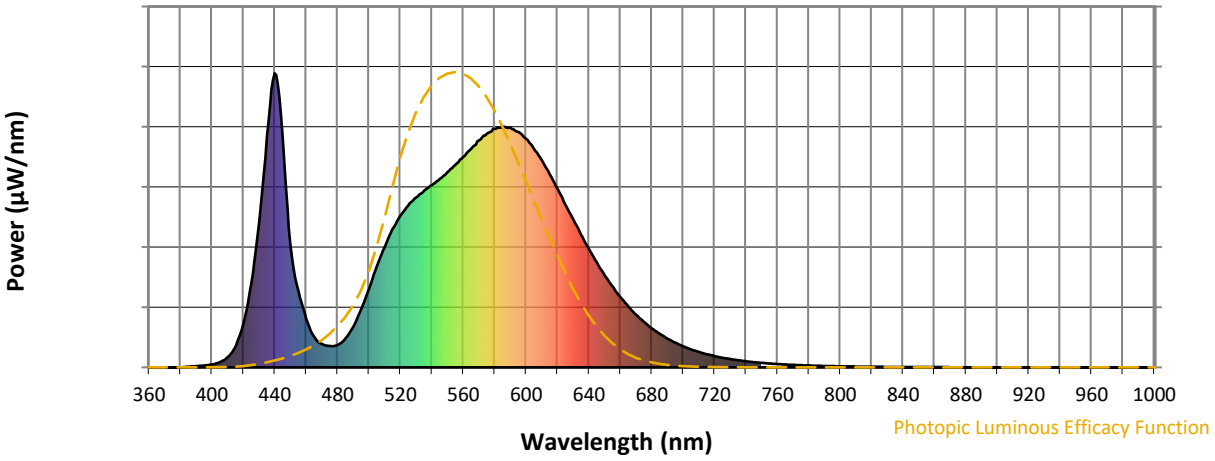


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

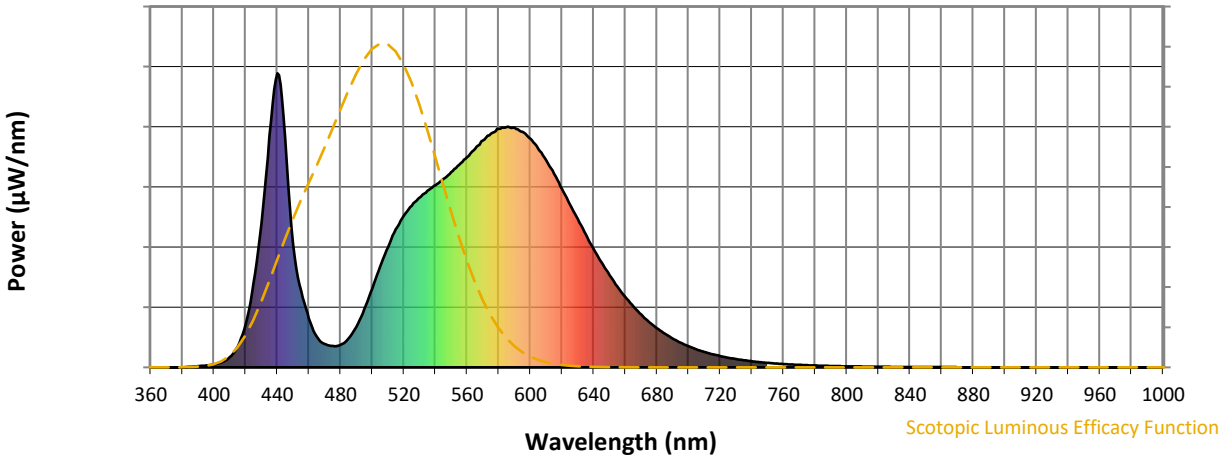


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

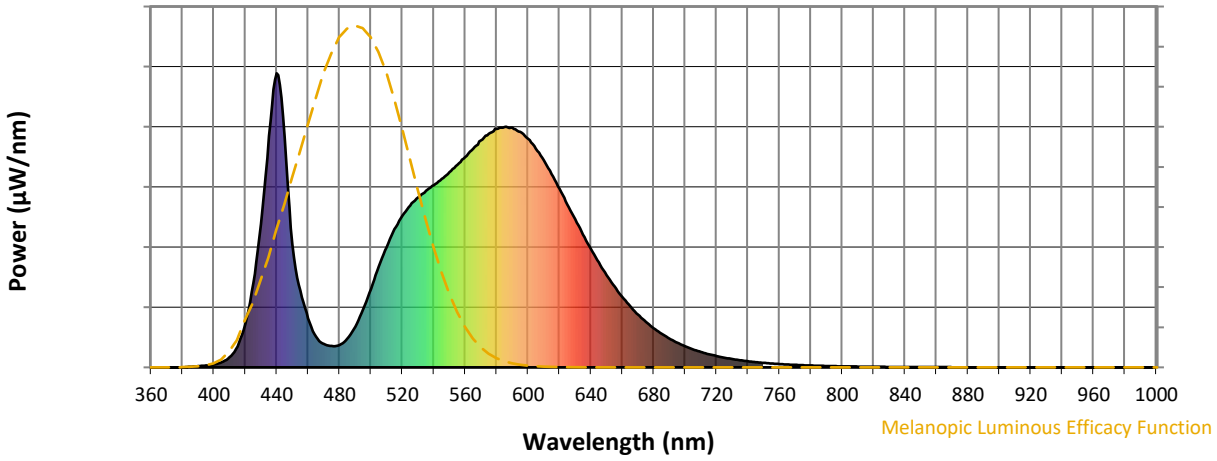


Scotopic Lumens: NR **S/P: 1.47**

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			

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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			

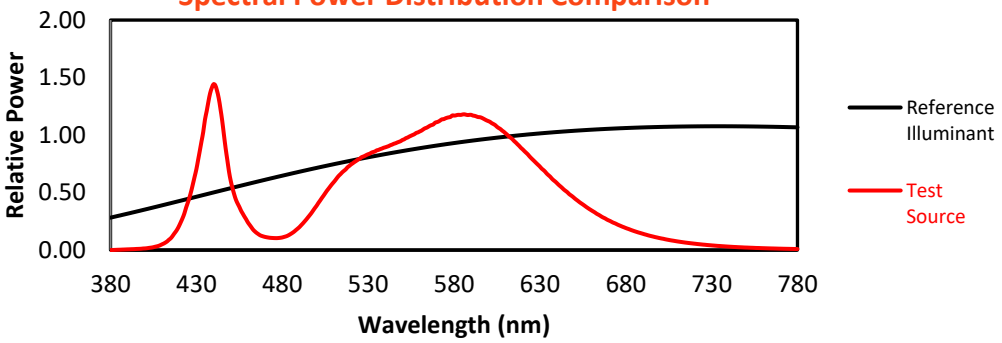
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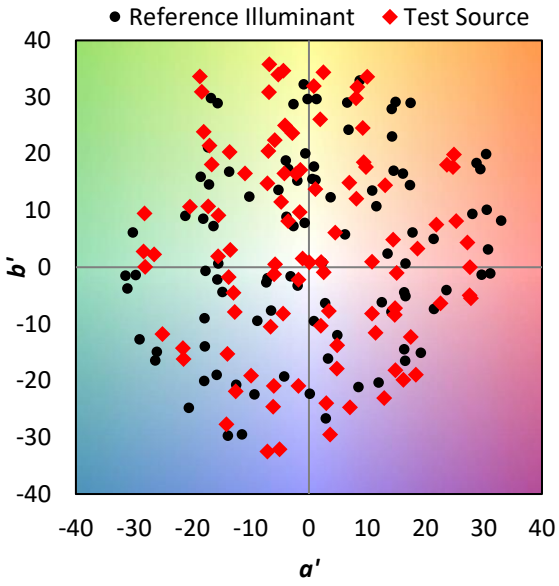
Summary

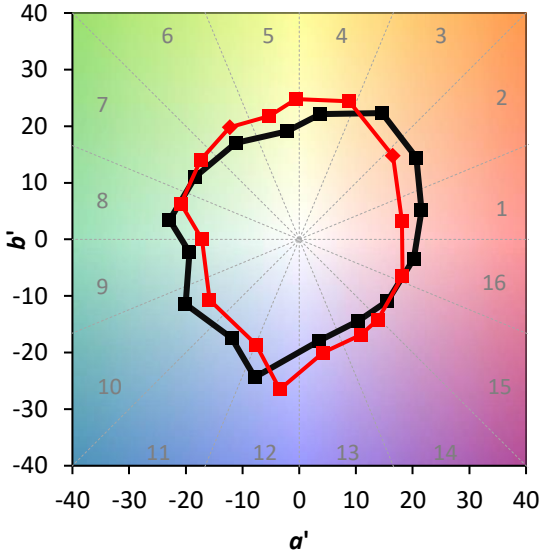
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

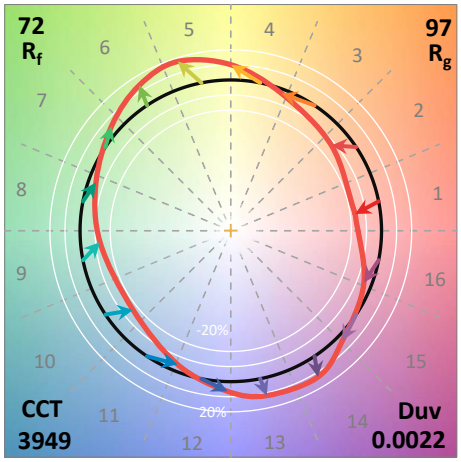
Spectral Power Distribution Comparison

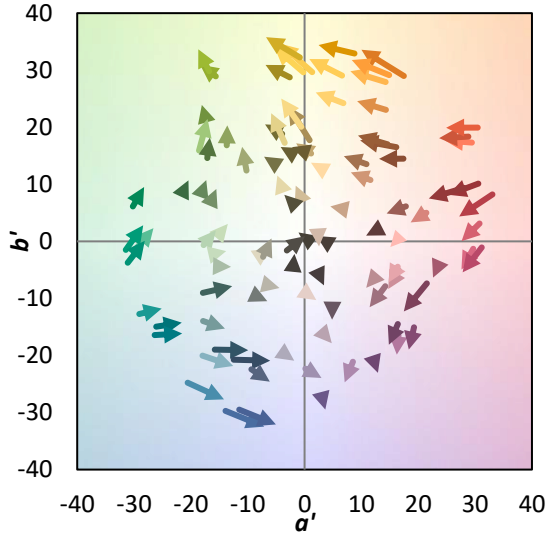


Color Vector Graphics







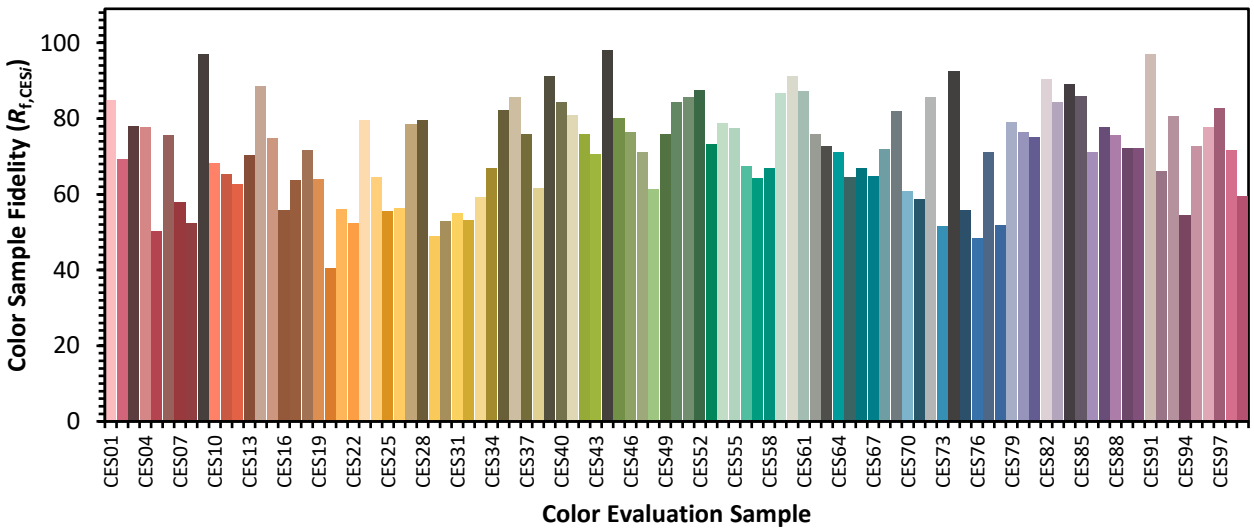


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Individual Sample Fidelity Index ($R_{f,i}$)

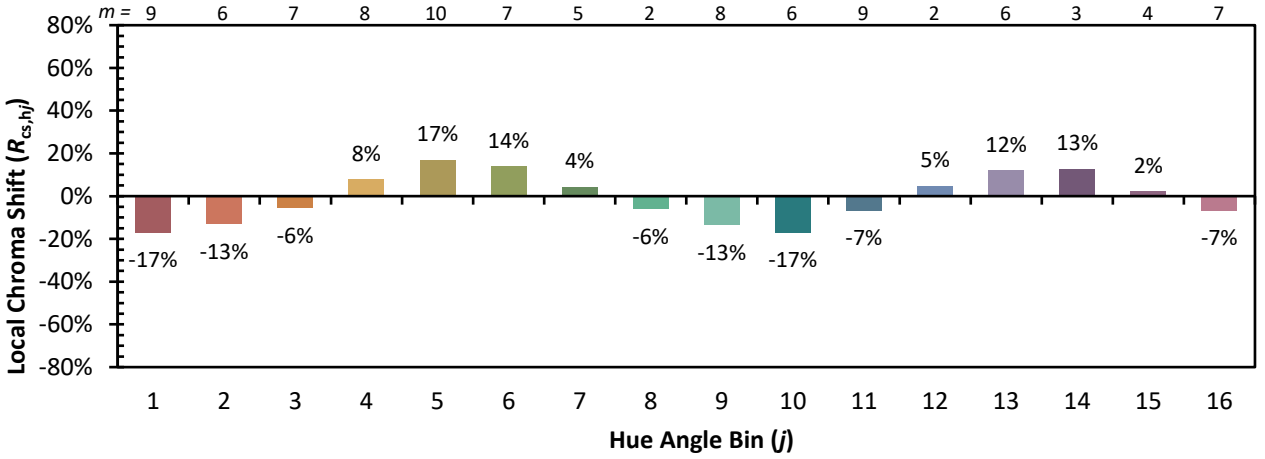
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CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 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	

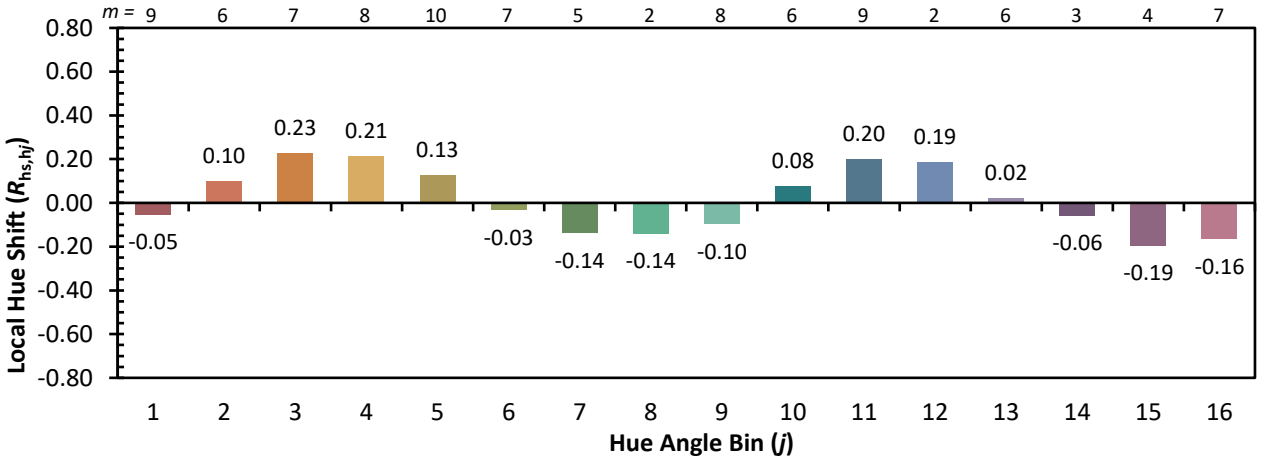


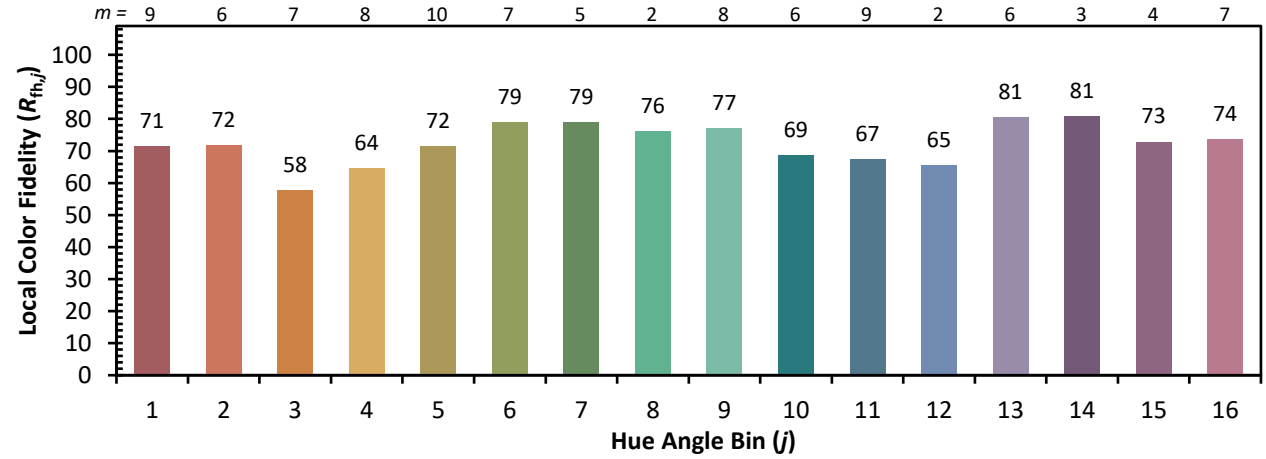
REPORT NUMBER: SP1-2407-184-1

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Color Rendition by Hue-Angle Bin



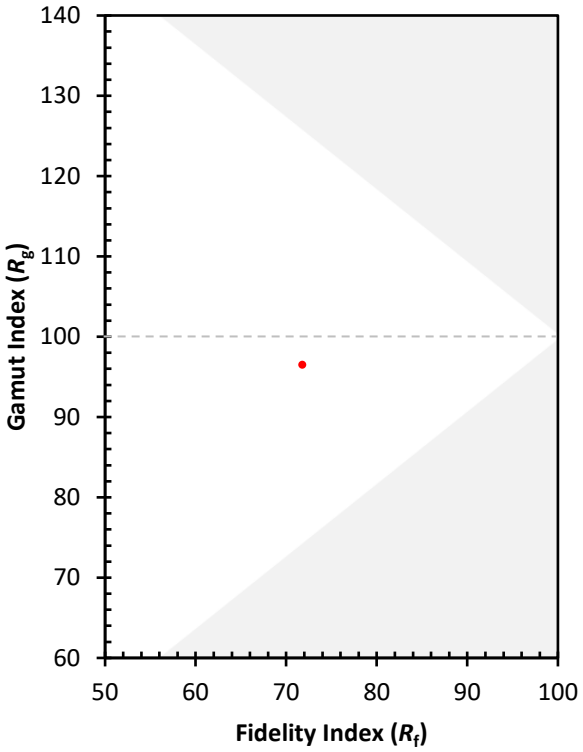


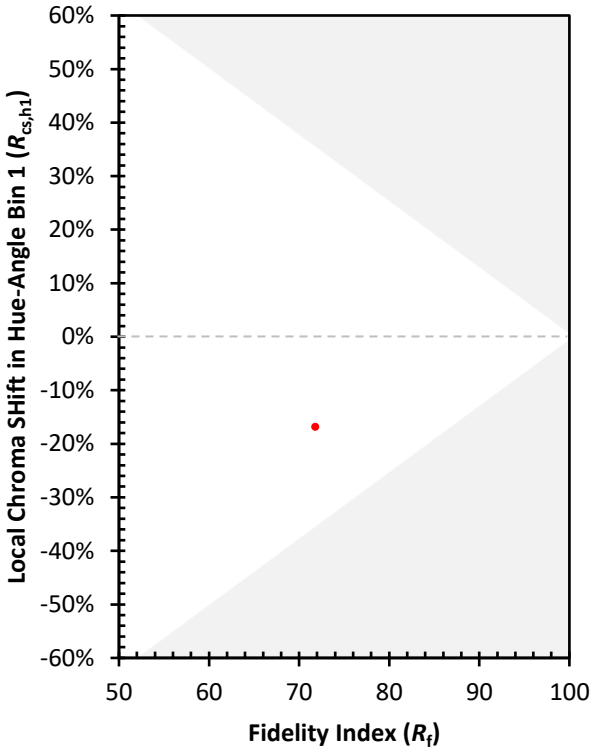


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Measure Comparisons





(END OF REPORT)