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: P1364207

Luminaire Tested: **GSS-SB5A-730-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:	P1364207
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(130) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20642.2 lumens
Efficiency:	N/A
Efficacy:	144.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

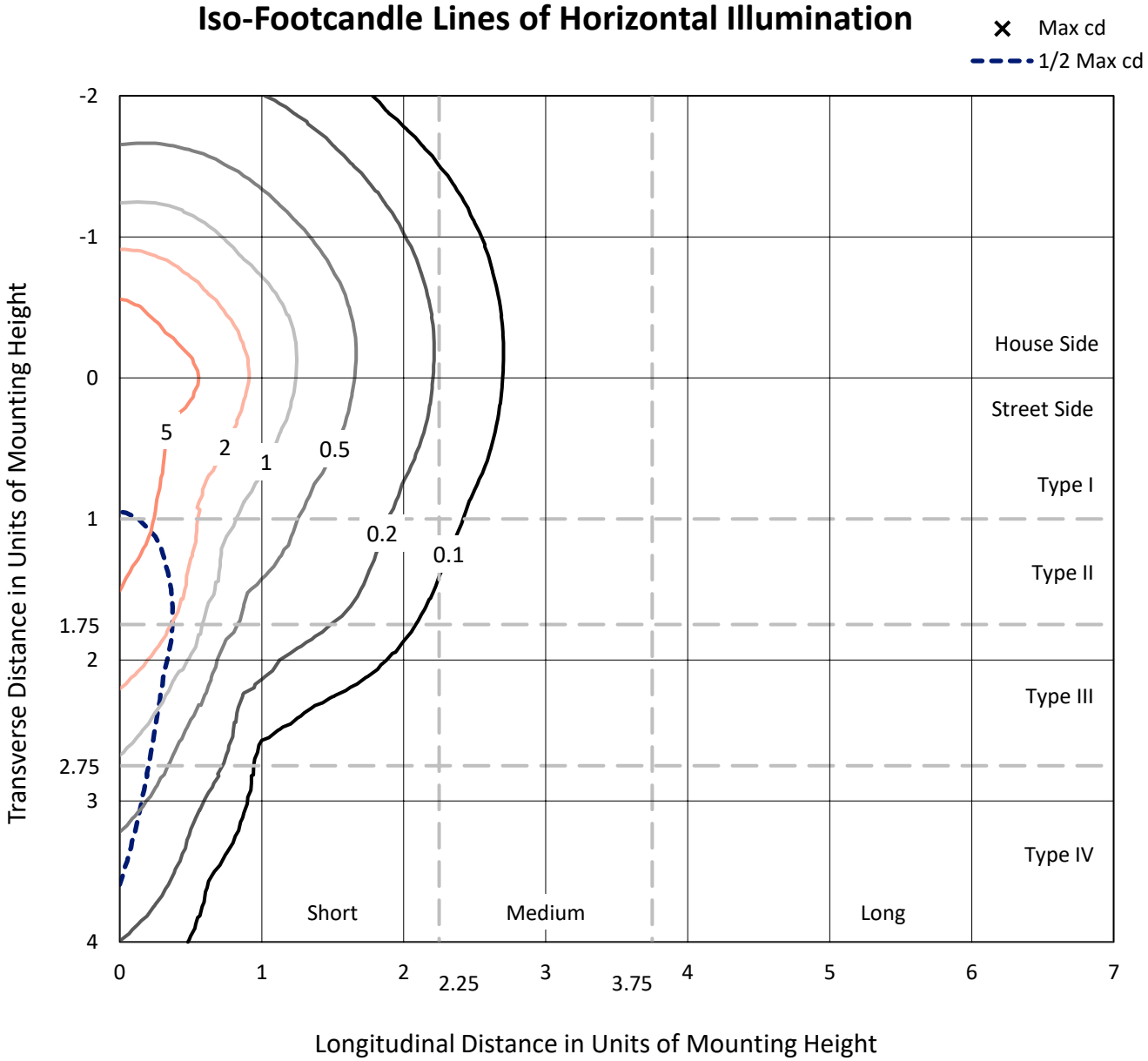
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



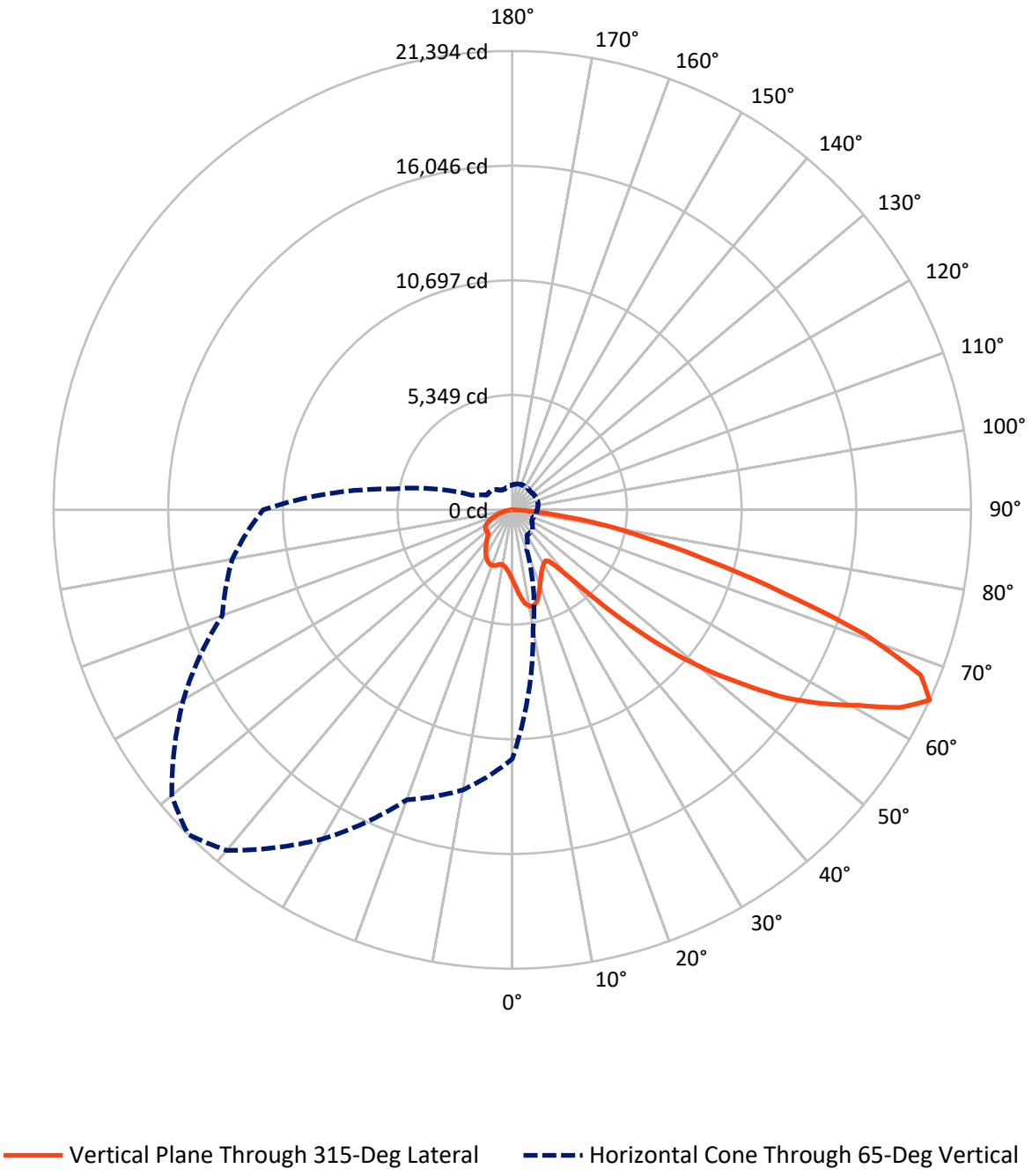
Based on 20 foot mounting height. Maximum calculated value = 9.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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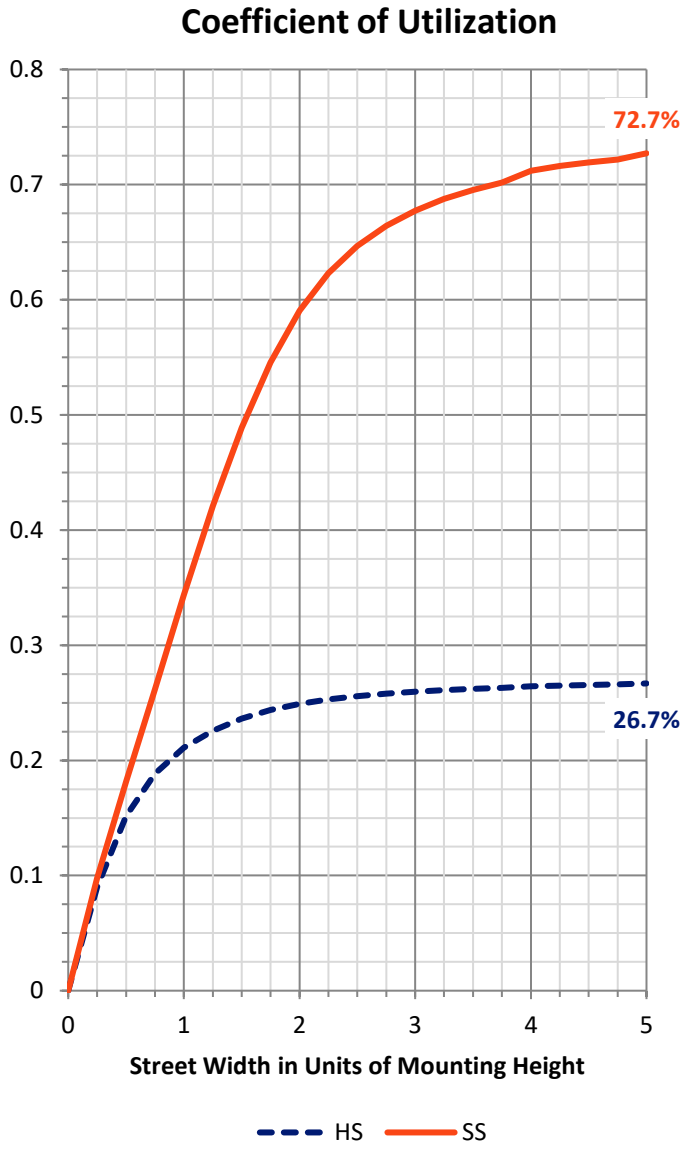
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5553.2	0.0	5553.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	15089.0	0.0	15089.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	20642.2	0.0	20642.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.0	1.6
10°-20°	996.0	4.8
20°-30°	1541.4	7.5
30°-40°	1912.4	9.3
40°-50°	2796.5	13.5
50°-60°	4380.4	21.2
60°-70°	5197.7	25.2
70°-80°	3031.5	14.7
80°-90°	461.2	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°	20642.2	100.0
0°-180°	20642.2	100.0



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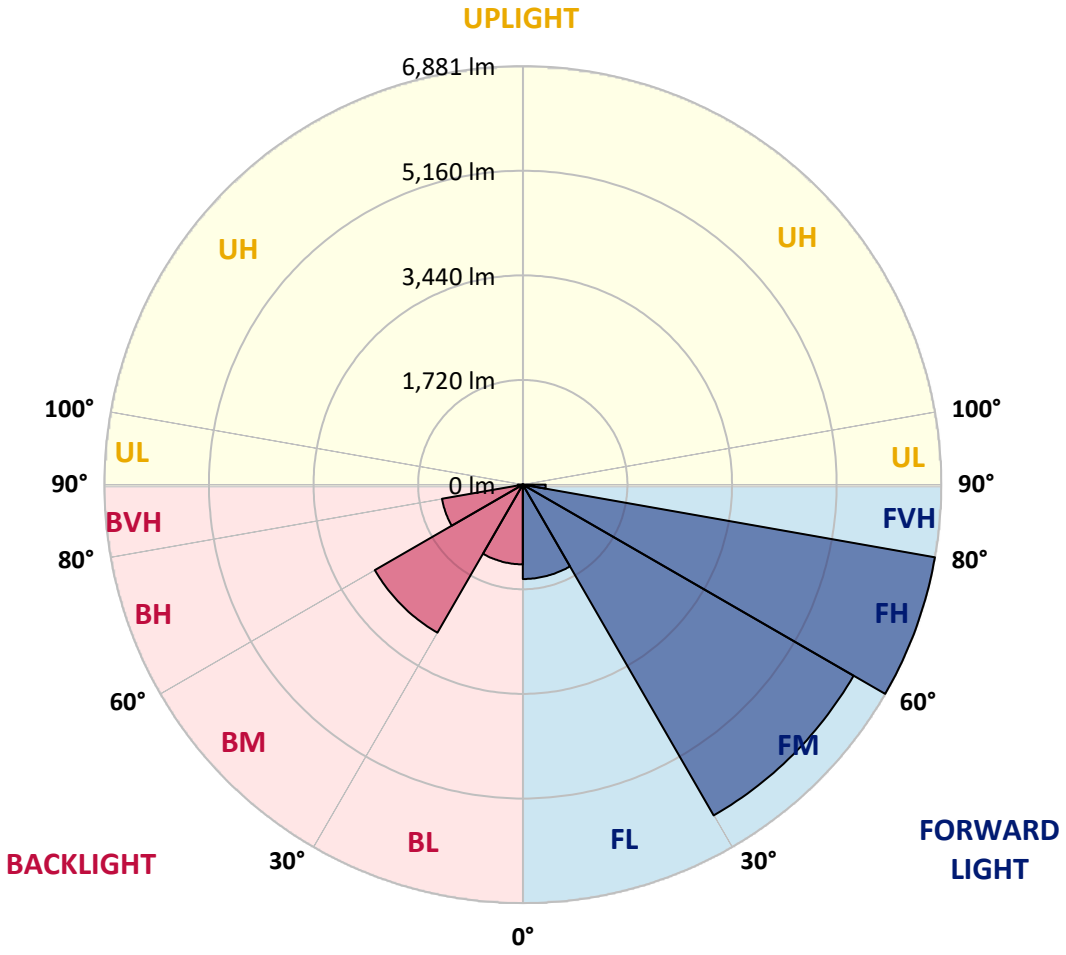
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1551.4	7.5			
FM	(30°-60°)	6279.8	30.4			
FH	(60°-80°)	6880.6	33.3			G3/7500
FVH	(80°-90°)	377.2	1.8			G3/500
BL	(0°-30°)	1310.9	6.4	B3/2500		
BM	(30°-60°)	2809.6	13.6	B3/5000		
BH	(60°-80°)	1348.6	6.5	B3/2500		G3/2500
BVH	(80°-90°)	84.0	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°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4
2.5°	3556.5	3524.2	3492.4	3463.1	3433.8	3404.5	3374.7	3346.5	3317.7	3288.9	3263.7
5°	3798.8	3741.7	3685.2	3625.6	3566.6	3508.5	3450.5	3395.4	3340.9	3283.9	3234.9
7.5°	4043.6	3947.7	3851.8	3761.4	3671.1	3590.3	3509.5	3437.3	3364.6	3288.9	3229.8
10°	4197.6	4083.0	3967.9	3855.8	3743.2	3643.8	3543.8	3460.5	3377.3	3296.5	3233.4
12.5°	4275.8	4161.7	4047.7	3922.0	3796.3	3684.7	3573.1	3481.2	3389.9	3301.5	3239.9
15°	4313.7	4198.1	4083.0	3955.3	3827.6	3707.4	3586.8	3483.3	3379.8	3281.3	3226.8
17.5°	4323.8	4215.8	4108.2	3971.9	3835.6	3698.3	3561.5	3440.9	3320.7	3205.6	3159.2
20°	4356.6	4247.6	4138.5	3992.1	3845.7	3684.7	3523.7	3365.1	3206.6	3054.2	3024.9
22.5°	4391.9	4292.0	4192.5	4031.5	3871.0	3674.1	3477.2	3278.3	3079.4	2897.7	2869.9
25°	4447.5	4361.1	4274.8	4099.1	3923.5	3673.1	3422.7	3174.8	2927.0	2718.5	2715.9
27.5°	4528.2	4462.1	4396.0	4198.1	4000.7	3682.7	3364.6	3068.8	2772.5	2559.4	2572.1
30°	4641.8	4589.8	4538.3	4315.2	4091.6	3703.4	3315.7	2976.4	2637.7	2430.7	2444.3
32.5°	4780.7	4748.3	4716.0	4453.0	4190.0	3726.6	3263.7	2895.7	2528.1	2337.3	2337.3
35°	5015.4	4975.0	4934.6	4599.4	4264.7	3721.0	3177.8	2803.8	2429.2	2281.8	2250.5
37.5°	5313.2	5265.3	5217.3	4778.1	4338.9	3705.4	3071.8	2701.8	2332.3	2216.2	2156.6
40°	5752.4	5658.0	5563.1	4982.6	4402.0	3670.0	2938.1	2580.1	2222.2	2130.3	2055.6
42.5°	6368.3	6168.4	5968.0	5208.7	4448.5	3609.0	2768.9	2435.3	2101.1	2037.0	1944.6
45°	7133.1	6812.6	6492.0	5515.7	4539.4	3567.1	2594.8	2287.8	1981.4	1923.4	1831.5
47.5°	7865.1	7459.2	7053.4	5831.2	4609.0	3518.1	2427.2	2141.5	1856.7	1789.6	1703.8
50°	8713.2	8163.0	7612.7	6106.3	4599.9	3434.8	2269.2	2011.2	1752.7	1660.9	1576.1
52.5°	9801.1	8927.3	8052.9	6236.6	4419.7	3264.2	2109.1	1894.1	1680.0	1562.4	1471.6
55°	11101.0	9695.1	8289.2	6202.2	4115.3	3038.0	1959.7	1796.2	1631.6	1514.5	1407.4
57.5°	12426.2	10339.7	8253.8	6014.9	3776.1	2801.3	1826.4	1713.4	1600.3	1501.8	1370.6
60°	13420.7	10628.5	7835.8	5566.2	3296.5	2501.9	1707.3	1628.0	1548.8	1471.6	1340.3
62.5°	13009.2	9987.9	6966.5	4830.6	2694.7	2122.3	1549.8	1505.4	1461.5	1428.6	1303.4
65°	*11621.0*	*8614.8*	*5608.6*	*3789.2*	*1969.8*	*1667.9*	*1365.5*	*1355.9*	*1346.9*	*1337.8*	*1234.3*
67.5°	10318.5	7398.7	4478.8	2948.7	1418.5	1275.2	1131.8	1158.6	1185.3	1198.9	1128.3
70°	9071.6	6285.5	3499.4	2259.6	1019.7	969.3	918.8	958.7	998.5	994.5	960.2
72.5°	7786.9	5219.3	2651.3	1698.7	746.1	745.1	744.6	774.9	805.2	764.8	786.5
75°	6375.9	4167.3	1958.7	1259.0	559.3	555.8	552.8	588.6	625.0	641.1	655.3
77.5°	4240.5	2734.1	1227.7	813.8	399.8	402.8	404.9	444.2	483.6	530.1	532.6
80°	2488.8	1567.5	646.2	449.8	253.4	256.4	258.5	299.9	340.8	406.4	403.9
82.5°	1244.4	785.5	327.1	241.8	156.5	157.0	157.5	177.7	197.9	234.7	244.8
85°	282.7	186.8	90.9	76.7	63.1	66.1	69.7	82.8	95.9	116.1	122.2
87.5°	22.7	22.2	21.2	20.7	20.2	21.2	22.7	25.2	27.8	30.3	35.3
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°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4
2.5°	3236.4	3209.7	3188.4	3167.8	3149.6	3130.9	3109.2	3087.0	3071.3	3055.2	3044.6
5°	3186.4	3139.0	3099.6	3060.2	3027.9	2994.6	2965.3	2935.5	2912.3	2888.6	2869.4
7.5°	3170.8	3112.2	3061.2	3009.7	2966.3	2922.9	2886.6	2849.7	2814.9	2780.6	2758.3
10°	3171.3	3109.7	3057.2	3004.7	2958.8	2912.8	2864.9	2816.9	2778.5	2740.2	2706.9
12.5°	3188.4	3137.5	3100.6	3064.3	3021.9	2979.5	2922.4	2864.9	2812.9	2761.4	2720.5
15°	3193.5	3160.2	3157.2	3154.1	3139.5	3124.8	3071.8	3018.8	2947.1	2875.0	2816.4
17.5°	3154.6	3150.1	3200.1	3250.0	3278.8	3307.6	3270.7	3233.4	3132.4	3031.5	2944.1
20°	3053.7	3081.9	3179.9	3277.3	3355.0	3432.8	3428.7	3425.2	3293.5	3161.2	3046.6
22.5°	2912.3	2954.2	3081.9	3209.7	3321.7	3433.8	3462.6	3490.8	3361.6	3231.9	3090.5
25°	2761.9	2807.8	2925.9	3044.1	3164.7	3285.4	3338.9	3392.4	3285.9	3179.4	3042.1
27.5°	2616.0	2660.4	2748.2	2836.1	2933.0	3029.9	3090.0	3150.1	3085.0	3019.8	2908.8
30°	2478.7	2513.0	2576.6	2640.2	2705.8	2771.5	2819.4	2867.4	2824.5	2781.6	2701.8
32.5°	2352.0	2366.6	2408.0	2449.4	2498.4	2546.8	2573.6	2599.8	2566.5	2533.2	2480.7
35°	2238.4	2226.3	2253.5	2280.8	2320.2	2360.0	2380.2	2400.4	2372.7	2344.9	2297.9
37.5°	2124.3	2091.0	2104.1	2116.2	2150.0	2183.4	2212.1	2241.4	2221.2	2201.0	2161.1
40°	2007.2	1958.7	1957.7	1956.2	1988.5	2020.3	2056.6	2092.5	2088.9	2084.9	2047.0
42.5°	1883.0	1821.4	1814.8	1808.3	1840.1	1871.9	1910.2	1948.6	1956.2	1963.8	1932.5
45°	1767.9	1705.3	1695.2	1685.1	1712.4	1740.6	1782.5	1824.9	1842.6	1860.3	1832.0
47.5°	1649.8	1595.2	1589.2	1582.6	1611.4	1640.7	1687.1	1734.1	1752.7	1771.9	1752.7
50°	1531.6	1486.7	1494.3	1501.8	1533.6	1564.9	1601.3	1638.1	1673.0	1707.3	1703.8
52.5°	1438.2	1404.4	1428.1	1451.4	1480.1	1509.4	1547.3	1585.1	1621.5	1658.3	1663.9
55°	1370.1	1332.7	1366.0	1399.4	1434.2	1469.0	1504.4	1539.7	1574.0	1607.9	1615.4
57.5°	1318.1	1266.1	1299.4	1332.7	1370.6	1408.5	1443.8	1479.1	1519.0	1558.9	1564.9
60°	1274.7	1209.0	1231.3	1253.0	1291.8	1330.2	1367.1	1403.4	1443.8	1484.2	1492.3
62.5°	1217.6	1131.8	1134.8	1136.9	1180.8	1224.2	1254.5	1284.8	1323.1	1362.0	1373.6
65°	*1141.9*	*1050.0*	*1039.9*	*1029.8*	*1071.2*	*1113.1*	*1136.9*	*1161.1*	*1194.4*	*1227.7*	*1239.3*
67.5°	1047.0	965.2	944.5	923.8	962.2	1000.6	1020.2	1039.9	1062.6	1085.4	1098.5
70°	911.7	863.2	850.1	837.0	868.3	899.6	916.8	933.9	952.1	970.3	977.3
72.5°	775.4	764.8	755.2	746.1	769.9	793.6	808.2	822.9	840.0	857.2	861.2
75°	649.2	643.6	636.6	630.0	648.2	666.4	677.5	689.1	706.7	724.4	732.0
77.5°	519.5	505.8	498.8	490.7	507.3	524.0	534.6	545.2	559.8	574.5	576.5
80°	387.7	371.0	365.5	359.4	371.5	383.7	387.7	391.2	403.4	415.0	415.0
82.5°	244.8	244.8	241.3	237.3	234.7	232.2	227.2	222.1	234.2	246.4	250.4
85°	123.2	123.7	118.1	112.1	105.0	96.9	95.4	93.4	92.9	91.9	95.4
87.5°	38.4	41.4	44.4	46.4	49.5	51.5	50.0	48.0	45.9	44.4	40.4
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4
2.5°	3034.0	3028.9	3023.9	3019.8	3016.3	3013.8	3016.3	3019.8	3023.9	3028.9	3034.0
5°	2849.7	2841.6	2833.1	2827.5	2821.9	2816.9	2821.9	2827.5	2833.1	2841.6	2849.7
7.5°	2736.1	2723.0	2709.9	2700.3	2690.7	2685.6	2690.7	2700.3	2709.9	2723.0	2736.1
10°	2674.5	2655.9	2637.7	2627.6	2617.5	2609.9	2617.5	2627.6	2637.7	2655.9	2674.5
12.5°	2679.6	2656.4	2634.2	2619.0	2603.9	2594.8	2603.9	2619.0	2634.2	2656.4	2679.6
15°	2757.3	2725.0	2691.7	2673.0	2654.3	2640.2	2654.3	2673.0	2691.7	2725.0	2757.3
17.5°	2857.3	2809.8	2762.4	2745.7	2728.6	2721.0	2728.6	2745.7	2762.4	2809.8	2857.3
20°	2932.0	2868.4	2805.8	2780.6	2755.3	2746.2	2755.3	2780.6	2805.8	2868.4	2932.0
22.5°	2949.2	2874.5	2799.2	2775.5	2751.3	2741.2	2751.3	2775.5	2799.2	2874.5	2949.2
25°	2905.2	2826.5	2747.2	2723.0	2698.3	2690.7	2698.3	2723.0	2747.2	2826.5	2905.2
27.5°	2797.7	2728.1	2657.9	2632.1	2605.9	2589.7	2605.9	2632.1	2657.9	2728.1	2797.7
30°	2622.5	2570.5	2519.1	2502.9	2486.2	2478.7	2486.2	2502.9	2519.1	2570.5	2622.5
32.5°	2428.2	2395.9	2363.6	2353.0	2342.4	2337.3	2342.4	2353.0	2363.6	2395.9	2428.2
35°	2251.5	2228.3	2205.1	2196.5	2188.4	2180.8	2188.4	2196.5	2205.1	2228.3	2251.5
37.5°	2121.3	2094.0	2065.7	2050.6	2035.4	2024.3	2035.4	2050.6	2065.7	2094.0	2121.3
40°	2009.2	1969.8	1930.9	1910.2	1889.0	1877.9	1889.0	1910.2	1930.9	1969.8	2009.2
42.5°	1900.7	1855.2	1809.8	1778.0	1746.7	1726.5	1746.7	1778.0	1809.8	1855.2	1900.7
45°	1803.2	1752.2	1701.2	1663.4	1625.5	1600.3	1625.5	1663.4	1701.2	1752.2	1803.2
47.5°	1734.1	1690.1	1645.7	1612.4	1579.1	1554.8	1579.1	1612.4	1645.7	1690.1	1734.1
50°	1700.2	1665.4	1630.6	1599.3	1567.5	1544.8	1567.5	1599.3	1630.6	1665.4	1700.2
52.5°	1669.9	1644.7	1619.5	1592.2	1564.9	1544.8	1564.9	1592.2	1619.5	1644.7	1669.9
55°	1623.0	1604.8	1586.1	1566.0	1545.8	1529.6	1545.8	1566.0	1586.1	1604.8	1623.0
57.5°	1571.0	1551.8	1532.1	1517.0	1501.8	1494.3	1501.8	1517.0	1532.1	1551.8	1571.0
60°	1500.3	1485.2	1470.0	1455.9	1441.3	1428.6	1441.3	1455.9	1470.0	1485.2	1500.3
62.5°	1385.7	1378.7	1372.1	1355.9	1340.3	1322.6	1340.3	1355.9	1372.1	1378.7	1385.7
65°	*1250.9*	*1247.4*	*1244.4*	*1232.8*	*1221.7*	*1201.5*	*1221.7*	*1232.8*	*1244.4*	*1247.4*	*1250.9*
67.5°	1111.6	1105.1	1098.0	1085.9	1074.3	1070.2	1074.3	1085.9	1098.0	1105.1	1111.6
70°	984.4	974.3	964.2	936.9	909.7	878.4	909.7	936.9	964.2	974.3	984.4
72.5°	865.8	850.1	834.0	802.2	769.9	737.0	769.9	802.2	834.0	850.1	865.8
75°	739.6	717.4	695.6	661.8	628.5	605.8	628.5	661.8	695.6	717.4	739.6
77.5°	579.5	560.4	541.2	521.0	500.8	489.7	500.8	521.0	541.2	560.4	579.5
80°	415.0	400.8	386.2	376.1	366.0	358.4	366.0	376.1	386.2	400.8	415.0
82.5°	254.9	248.4	242.3	231.2	219.6	212.0	219.6	231.2	242.3	248.4	254.9
85°	98.4	96.9	95.9	91.9	88.3	85.8	88.3	91.9	95.9	96.9	98.4
87.5°	36.3	33.3	30.3	28.3	26.3	25.2	26.3	28.3	30.3	33.3	36.3
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: P1364207
CATALOG NUMBER: GSS-SB5A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4
2.5°	3044.6	3055.2	3071.3	3087.0	3109.2	3130.9	3149.6	3167.8	3188.4	3209.7	3236.4
5°	2869.4	2888.6	2912.3	2935.5	2965.3	2994.6	3027.9	3060.2	3099.6	3139.0	3186.4
7.5°	2758.3	2780.6	2814.9	2849.7	2886.6	2922.9	2966.3	3009.7	3061.2	3112.2	3170.8
10°	2706.9	2740.2	2778.5	2816.9	2864.9	2912.8	2958.8	3004.7	3057.2	3109.7	3171.3
12.5°	2720.5	2761.4	2812.9	2864.9	2922.4	2979.5	3021.9	3064.3	3100.6	3137.5	3188.4
15°	2816.4	2875.0	2947.1	3018.8	3071.8	3124.8	3139.5	3154.1	3157.2	3160.2	3193.5
17.5°	2944.1	3031.5	3132.4	3233.4	3270.7	3307.6	3278.8	3250.0	3200.1	3150.1	3154.6
20°	3046.6	3161.2	3293.5	3425.2	3428.7	3432.8	3355.0	3277.3	3179.9	3081.9	3053.7
22.5°	3090.5	3231.9	3361.6	3490.8	3462.6	3433.8	3321.7	3209.7	3081.9	2954.2	2912.3
25°	3042.1	3179.4	3285.9	3392.4	3338.9	3285.4	3164.7	3044.1	2925.9	2807.8	2761.9
27.5°	2908.8	3019.8	3085.0	3150.1	3090.0	3029.9	2933.0	2836.1	2748.2	2660.4	2616.0
30°	2701.8	2781.6	2824.5	2867.4	2819.4	2771.5	2705.8	2640.2	2576.6	2513.0	2478.7
32.5°	2480.7	2533.2	2566.5	2599.8	2573.6	2546.8	2498.4	2449.4	2408.0	2366.6	2352.0
35°	2297.9	2344.9	2372.7	2400.4	2380.2	2360.0	2320.2	2280.8	2253.5	2226.3	2238.4
37.5°	2161.1	2201.0	2221.2	2241.4	2212.1	2183.4	2150.0	2116.2	2104.1	2091.0	2124.3
40°	2047.0	2084.9	2088.9	2092.5	2056.6	2020.3	1988.5	1956.2	1957.7	1958.7	2007.2
42.5°	1932.5	1963.8	1956.2	1948.6	1910.2	1871.9	1840.1	1808.3	1814.8	1821.4	1883.0
45°	1832.0	1860.3	1842.6	1824.9	1782.5	1740.6	1712.4	1685.1	1695.2	1705.3	1767.9
47.5°	1752.7	1771.9	1752.7	1734.1	1687.1	1640.7	1611.4	1582.6	1589.2	1595.2	1649.8
50°	1703.8	1707.3	1673.0	1638.1	1601.3	1564.9	1533.6	1501.8	1494.3	1486.7	1531.6
52.5°	1663.9	1658.3	1621.5	1585.1	1547.3	1509.4	1480.1	1451.4	1428.1	1404.4	1438.2
55°	1615.4	1607.9	1574.0	1539.7	1504.4	1469.0	1434.2	1399.4	1366.0	1332.7	1370.1
57.5°	1564.9	1558.9	1519.0	1479.1	1443.8	1408.5	1370.6	1332.7	1299.4	1266.1	1318.1
60°	1492.3	1484.2	1443.8	1403.4	1367.1	1330.2	1291.8	1253.0	1231.3	1209.0	1274.7
62.5°	1373.6	1362.0	1323.1	1284.8	1254.5	1224.2	1180.8	1136.9	1134.8	1131.8	1217.6
65°	*1239.3*	*1227.7*	*1194.4*	*1161.1*	*1136.9*	*1113.1*	*1071.2*	*1029.8*	*1039.9*	*1050.0*	*1141.9*
67.5°	1098.5	1085.4	1062.6	1039.9	1020.2	1000.6	962.2	923.8	944.5	965.2	1047.0
70°	977.3	970.3	952.1	933.9	916.8	899.6	868.3	837.0	850.1	863.2	911.7
72.5°	861.2	857.2	840.0	822.9	808.2	793.6	769.9	746.1	755.2	764.8	775.4
75°	732.0	724.4	706.7	689.1	677.5	666.4	648.2	630.0	636.6	643.6	649.2
77.5°	576.5	574.5	559.8	545.2	534.6	524.0	507.3	490.7	498.8	505.8	519.5
80°	415.0	415.0	403.4	391.2	387.7	383.7	371.5	359.4	365.5	371.0	387.7
82.5°	250.4	246.4	234.2	222.1	227.2	232.2	234.7	237.3	241.3	244.8	244.8
85°	95.4	91.9	92.9	93.4	95.4	96.9	105.0	112.1	118.1	123.7	123.2
87.5°	40.4	44.4	45.9	48.0	50.0	51.5	49.5	46.4	44.4	41.4	38.4
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364207
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4
2.5°	3263.7	3288.9	3317.7	3346.5	3374.7	3404.5	3433.8	3463.1	3492.4	3524.2	3556.5
5°	3234.9	3283.9	3340.9	3395.4	3450.5	3508.5	3566.6	3625.6	3685.2	3741.7	3798.8
7.5°	3229.8	3288.9	3364.6	3437.3	3509.5	3590.3	3671.1	3761.4	3851.8	3947.7	4043.6
10°	3233.4	3296.5	3377.3	3460.5	3543.8	3643.8	3743.2	3855.8	3967.9	4083.0	4197.6
12.5°	3239.9	3301.5	3389.9	3481.2	3573.1	3684.7	3796.3	3922.0	4047.7	4161.7	4275.8
15°	3226.8	3281.3	3379.8	3483.3	3586.8	3707.4	3827.6	3955.3	4083.0	4198.1	4313.7
17.5°	3159.2	3205.6	3320.7	3440.9	3561.5	3698.3	3835.6	3971.9	4108.2	4215.8	4323.8
20°	3024.9	3054.2	3206.6	3365.1	3523.7	3684.7	3845.7	3992.1	4138.5	4247.6	4356.6
22.5°	2869.9	2897.7	3079.4	3278.3	3477.2	3674.1	3871.0	4031.5	4192.5	4292.0	4391.9
25°	2715.9	2718.5	2927.0	3174.8	3422.7	3673.1	3923.5	4099.1	4274.8	4361.1	4447.5
27.5°	2572.1	2559.4	2772.5	3068.8	3364.6	3682.7	4000.7	4198.1	4396.0	4462.1	4528.2
30°	2444.3	2430.7	2637.7	2976.4	3315.7	3703.4	4091.6	4315.2	4538.3	4589.8	4641.8
32.5°	2337.3	2337.3	2528.1	2895.7	3263.7	3726.6	4190.0	4453.0	4716.0	4748.3	4780.7
35°	2250.5	2281.8	2429.2	2803.8	3177.8	3721.0	4264.7	4599.4	4934.6	4975.0	5015.4
37.5°	2156.6	2216.2	2332.3	2701.8	3071.8	3705.4	4338.9	4778.1	5217.3	5265.3	5313.2
40°	2055.6	2130.3	2222.2	2580.1	2938.1	3670.0	4402.0	4982.6	5563.1	5658.0	5752.4
42.5°	1944.6	2037.0	2101.1	2435.3	2768.9	3609.0	4448.5	5208.7	5968.0	6168.4	6368.3
45°	1831.5	1923.4	1981.4	2287.8	2594.8	3567.1	4539.4	5515.7	6492.0	6812.6	7133.1
47.5°	1703.8	1789.6	1856.7	2141.5	2427.2	3518.1	4609.0	5831.2	7053.4	7459.2	7865.1
50°	1576.1	1660.9	1752.7	2011.2	2269.2	3434.8	4599.9	6106.3	7612.7	8163.0	8713.2
52.5°	1471.6	1562.4	1680.0	1894.1	2109.1	3264.2	4419.7	6236.6	8052.9	8927.3	9801.1
55°	1407.4	1514.5	1631.6	1796.2	1959.7	3038.0	4115.3	6202.2	8289.2	9695.1	11101.0
57.5°	1370.6	1501.8	1600.3	1713.4	1826.4	2801.3	3776.1	6014.9	8253.8	10339.7	12426.2
60°	1340.3	1471.6	1548.8	1628.0	1707.3	2501.9	3296.5	5566.2	7835.8	10628.5	13420.7
62.5°	1303.4	1428.6	1461.5	1505.4	1549.8	2122.3	2694.7	4830.6	6966.5	9987.9	13009.2
65°	*1234.3*	*1337.8*	*1346.9*	*1355.9*	*1365.5*	*1667.9*	*1969.8*	*3789.2*	*5608.6*	*8614.8*	*11621.0*
67.5°	1128.3	1198.9	1185.3	1158.6	1131.8	1275.2	1418.5	2948.7	4478.8	7398.7	10318.5
70°	960.2	994.5	998.5	958.7	918.8	969.3	1019.7	2259.6	3499.4	6285.5	9071.6
72.5°	786.5	764.8	805.2	774.9	744.6	745.1	746.1	1698.7	2651.3	5219.3	7786.9
75°	655.3	641.1	625.0	588.6	552.8	555.8	559.3	1259.0	1958.7	4167.3	6375.9
77.5°	532.6	530.1	483.6	444.2	404.9	402.8	399.8	813.8	1227.7	2734.1	4240.5
80°	403.9	406.4	340.8	299.9	258.5	256.4	253.4	449.8	646.2	1567.5	2488.8
82.5°	244.8	234.7	197.9	177.7	157.5	157.0	156.5	241.8	327.1	785.5	1244.4
85°	122.2	116.1	95.9	82.8	69.7	66.1	63.1	76.7	90.9	186.8	282.7
87.5°	35.3	30.3	27.8	25.2	22.7	21.2	20.2	20.7	21.2	22.2	22.7
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
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Peachtree City, GA 30269

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REPORT NUMBER: P1364207
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	*3291.4*	3291.4	3291.4
2.5°	3569.1	3581.7	3595.3	3609.5	3617.5	3625.6	3634.2	3642.3	*3649.9*	3642.3	3634.2
5°	3855.8	3912.4	3950.7	3989.1	4018.4	4047.7	4064.3	4081.5	*4084.0*	4081.5	4064.3
7.5°	4111.3	4178.9	4237.5	4296.0	4333.4	4370.7	4392.4	4414.7	*4422.2*	4414.7	4392.4
10°	4276.8	4356.6	4413.1	4470.2	4505.0	4539.4	4556.5	4573.7	*4578.7*	4573.7	4556.5
12.5°	4352.1	4428.3	4472.2	4515.6	4537.8	4559.5	4567.6	4574.7	*4568.6*	4574.7	4567.6
15°	4358.6	4403.0	4421.7	4439.9	4429.3	4418.2	4402.5	4386.9	*4376.8*	4386.9	4402.5
17.5°	4339.4	4355.6	4321.8	4288.5	4227.9	4167.3	4121.9	4076.4	*4043.6*	4076.4	4121.9
20°	4331.4	4306.1	4216.3	4126.9	4013.3	3899.7	3823.5	3746.8	*3700.3*	3746.8	3823.5
22.5°	4320.8	4249.6	4098.6	3947.7	3792.2	3637.2	3549.4	3462.1	*3412.6*	3462.1	3549.4
25°	4325.3	4202.6	3998.7	3795.2	3612.5	3430.3	3334.8	3239.9	*3185.4*	3239.9	3334.8
27.5°	4341.5	4154.7	3902.3	3649.9	3452.0	3253.6	3162.7	3071.8	*3023.9*	3071.8	3162.7
30°	4394.0	4145.6	3843.7	3541.3	3334.3	3127.4	3038.5	2949.2	*2897.7*	2949.2	3038.5
32.5°	4467.7	4154.7	3816.4	3478.2	3267.2	3056.7	2971.4	2886.6	*2842.1*	2886.6	2971.4
35°	4619.1	4222.8	3847.7	3473.2	3277.3	3081.9	3019.3	2957.2	*2933.0*	2957.2	3019.3
37.5°	4850.3	4386.9	4000.7	3614.5	3481.2	3348.0	3348.0	3348.0	*3367.2*	3348.0	3348.0
40°	5232.5	4712.5	4347.0	3982.0	3974.0	3966.9	4051.7	4137.0	*4174.9*	4137.0	4051.7
42.5°	5818.6	5269.3	4974.5	4679.7	4856.4	5033.1	5278.4	5523.8	*5684.3*	5523.8	5278.4
45°	6598.0	6062.9	5856.9	5651.5	6044.7	6437.5	6871.1	7304.8	*7612.7*	7304.8	6871.1
47.5°	7414.8	6964.0	6846.4	6729.3	7383.0	8036.8	8672.3	9307.9	*9682.5*	9307.9	8672.3
50°	8308.3	7903.0	7880.3	7857.5	8728.4	9599.2	10419.5	11239.8	*11696.7*	11239.8	10419.5
52.5°	9356.4	8911.1	8929.3	8946.4	9980.8	11015.2	12007.2	12999.1	*13514.1*	12999.1	12007.2
55°	10543.2	9985.4	9982.3	9979.3	11167.7	12357.0	13575.6	14795.3	*15482.9*	14795.3	13575.6
57.5°	11903.7	11381.2	11257.0	11132.3	12375.2	13617.5	14963.4	16309.8	*17032.7*	16309.8	14963.4
60°	13132.9	12845.2	12646.3	12447.9	13724.1	15000.8	16391.0	17780.8	*18501.7*	17780.8	16391.0
62.5°	13523.7	14038.1	14023.4	14008.8	15386.4	16764.1	18209.9	19656.7	*20303.9*	19656.7	18209.9
65°	*12441.3*	*13261.6*	*13826.0*	*14389.9*	*16055.3*	*17720.2*	*19226.6*	*20733.0*	*21394.3*	*20733.0*	*19226.6*
67.5°	11041.4	11764.9	12226.8	12688.7	14565.1	16442.0	18151.3	19860.7	*20541.2*	19860.7	18151.3
70°	9872.3	10672.9	11003.1	11333.2	12927.5	14521.2	15873.6	17225.5	*17492.0*	17225.5	15873.6
72.5°	8739.0	9691.6	9831.4	9971.2	11131.3	12291.4	13011.8	13732.1	*13150.6*	13732.1	13011.8
75°	7450.1	8523.9	8617.3	8710.7	9072.1	9434.1	9617.3	9801.1	*9470.4*	9801.1	9617.3
77.5°	5170.4	6100.8	6310.3	6519.8	6760.6	7001.9	6989.2	6976.6	*6512.2*	6976.6	6989.2
80°	3216.2	3943.7	3970.9	3998.2	4178.9	4359.1	4543.4	4727.6	*4432.3*	4727.6	4543.4
82.5°	1643.7	2043.5	2105.1	2166.7	2277.2	2387.8	2439.3	2491.3	*2241.4*	2491.3	2439.3
85°	386.7	490.7	591.1	691.6	807.7	923.8	910.7	897.6	*757.2*	897.6	910.7
87.5°	23.2	24.2	24.7	25.2	25.7	26.3	27.8	29.3	*30.3*	29.3	27.8
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

REPORT NUMBER: P1364207
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4	3291.4
2.5°	3625.6	3617.5	3609.5	3595.3	3581.7	3569.1	3556.5
5°	4047.7	4018.4	3989.1	3950.7	3912.4	3855.8	3798.8
7.5°	4370.7	4333.4	4296.0	4237.5	4178.9	4111.3	4043.6
10°	4539.4	4505.0	4470.2	4413.1	4356.6	4276.8	4197.6
12.5°	4559.5	4537.8	4515.6	4472.2	4428.3	4352.1	4275.8
15°	4418.2	4429.3	4439.9	4421.7	4403.0	4358.6	4313.7
17.5°	4167.3	4227.9	4288.5	4321.8	4355.6	4339.4	4323.8
20°	3899.7	4013.3	4126.9	4216.3	4306.1	4331.4	4356.6
22.5°	3637.2	3792.2	3947.7	4098.6	4249.6	4320.8	4391.9
25°	3430.3	3612.5	3795.2	3998.7	4202.6	4325.3	4447.5
27.5°	3253.6	3452.0	3649.9	3902.3	4154.7	4341.5	4528.2
30°	3127.4	3334.3	3541.3	3843.7	4145.6	4394.0	4641.8
32.5°	3056.7	3267.2	3478.2	3816.4	4154.7	4467.7	4780.7
35°	3081.9	3277.3	3473.2	3847.7	4222.8	4619.1	5015.4
37.5°	3348.0	3481.2	3614.5	4000.7	4386.9	4850.3	5313.2
40°	3966.9	3974.0	3982.0	4347.0	4712.5	5232.5	5752.4
42.5°	5033.1	4856.4	4679.7	4974.5	5269.3	5818.6	6368.3
45°	6437.5	6044.7	5651.5	5856.9	6062.9	6598.0	7133.1
47.5°	8036.8	7383.0	6729.3	6846.4	6964.0	7414.8	7865.1
50°	9599.2	8728.4	7857.5	7880.3	7903.0	8308.3	8713.2
52.5°	11015.2	9980.8	8946.4	8929.3	8911.1	9356.4	9801.1
55°	12357.0	11167.7	9979.3	9982.3	9985.4	10543.2	11101.0
57.5°	13617.5	12375.2	11132.3	11257.0	11381.2	11903.7	12426.2
60°	15000.8	13724.1	12447.9	12646.3	12845.2	13132.9	13420.7
62.5°	16764.1	15386.4	14008.8	14023.4	14038.1	13523.7	13009.2
65°	*17720.2*	*16055.3*	*14389.9*	*13826.0*	*13261.6*	*12441.3*	*11621.0*
67.5°	16442.0	14565.1	12688.7	12226.8	11764.9	11041.4	10318.5
70°	14521.2	12927.5	11333.2	11003.1	10672.9	9872.3	9071.6
72.5°	12291.4	11131.3	9971.2	9831.4	9691.6	8739.0	7786.9
75°	9434.1	9072.1	8710.7	8617.3	8523.9	7450.1	6375.9
77.5°	7001.9	6760.6	6519.8	6310.3	6100.8	5170.4	4240.5
80°	4359.1	4178.9	3998.2	3970.9	3943.7	3216.2	2488.8
82.5°	2387.8	2277.2	2166.7	2105.1	2043.5	1643.7	1244.4
85°	923.8	807.7	691.6	591.1	490.7	386.7	282.7
87.5°	26.3	25.7	25.2	24.7	24.2	23.2	22.7
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

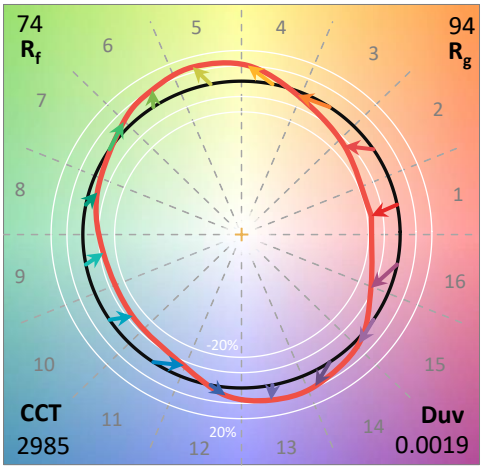
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



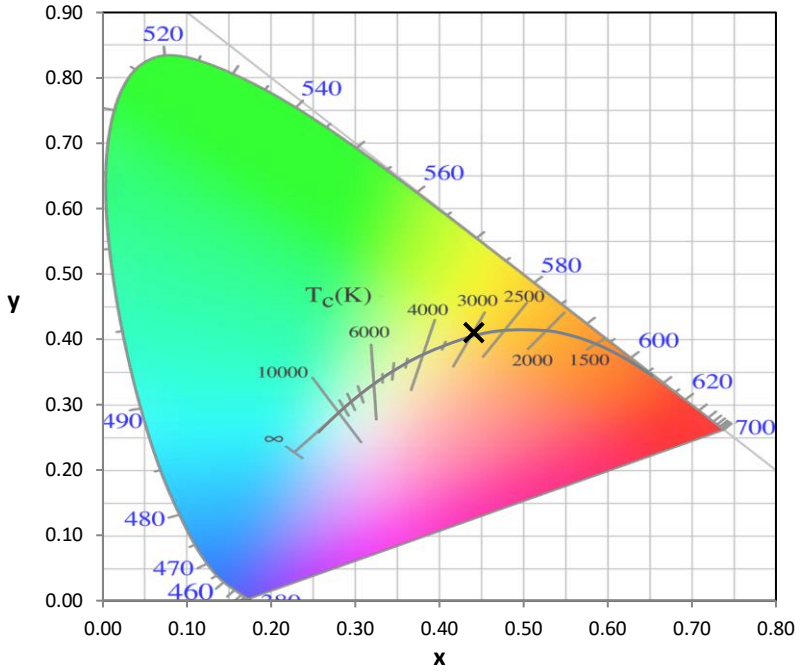
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

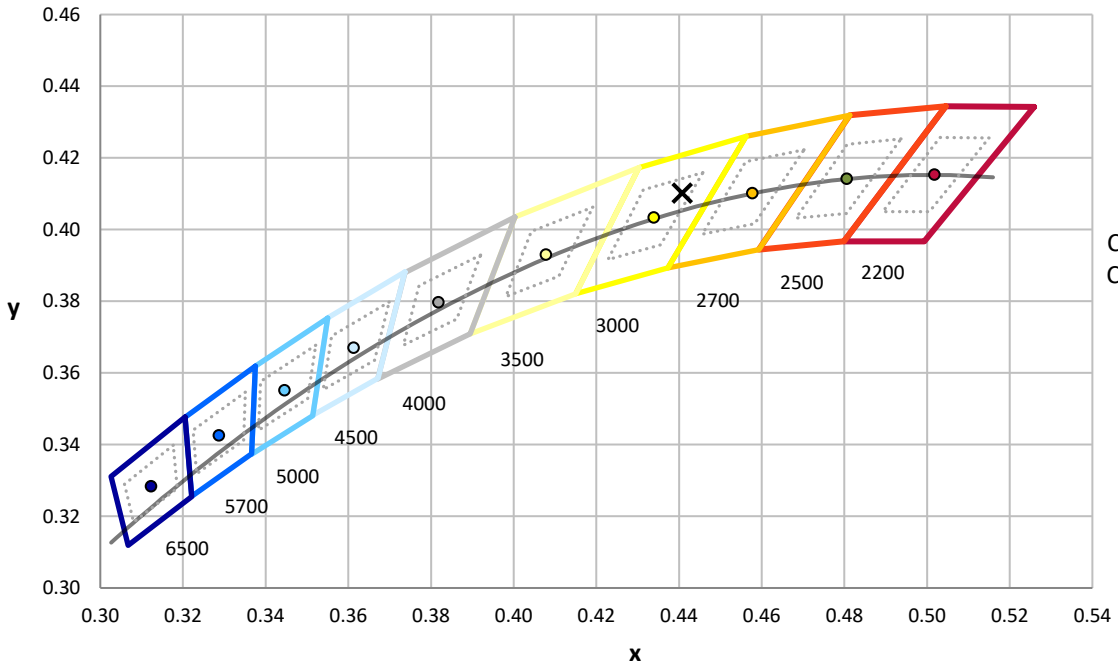
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

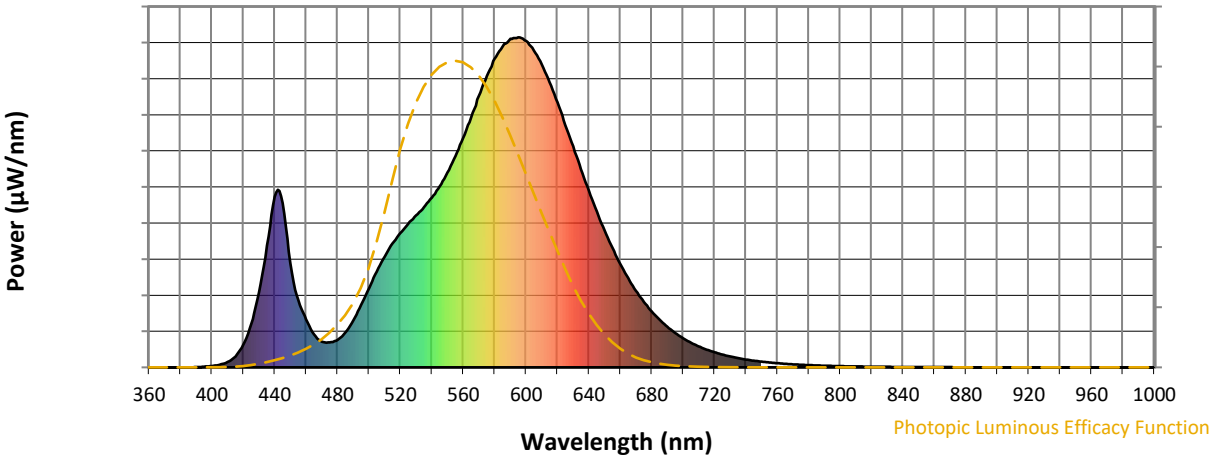


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

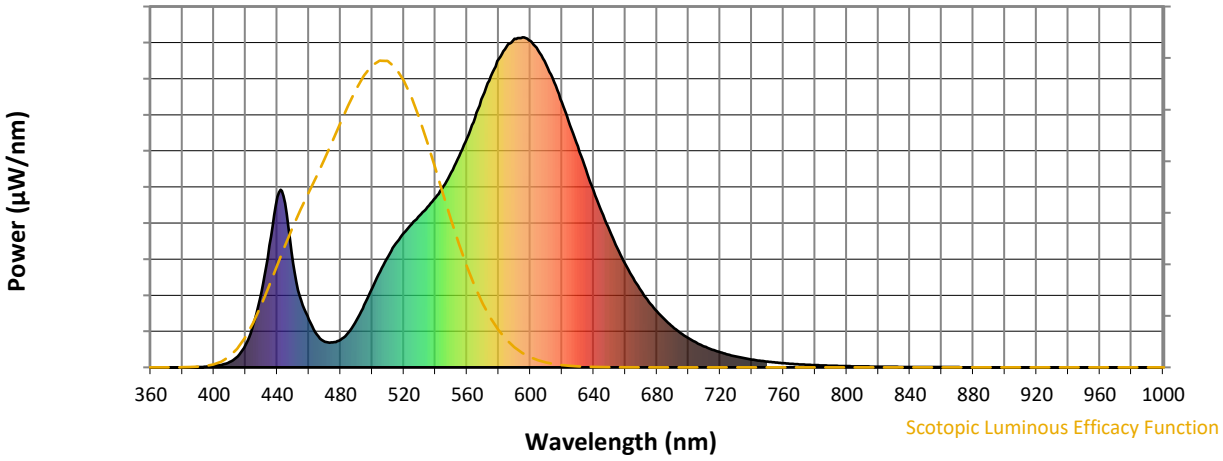


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

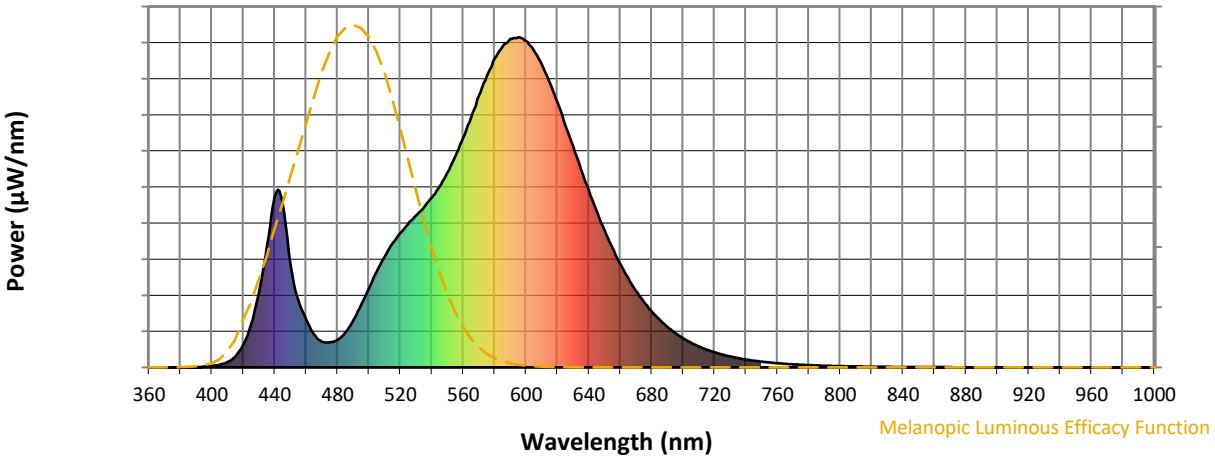


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

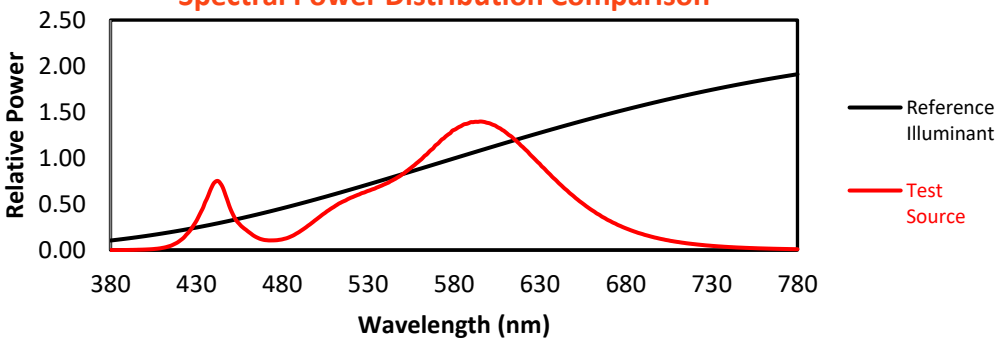
REPORT NUMBER: SP1-2407-184-4

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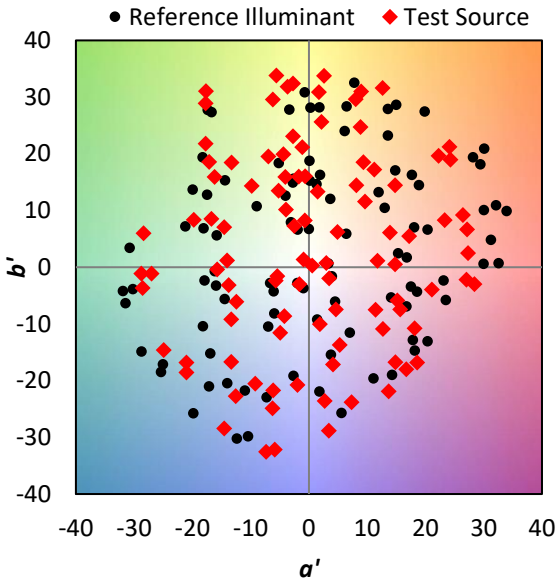
Summary

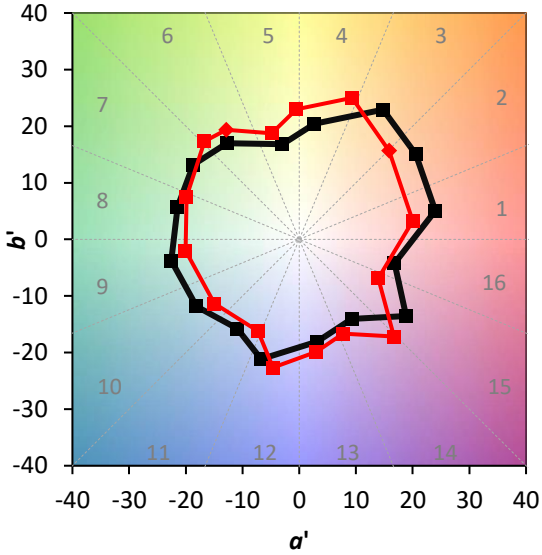
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

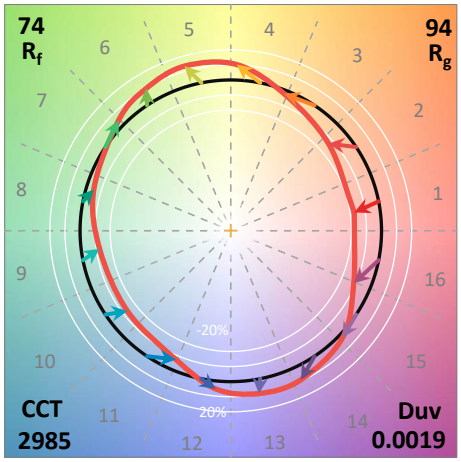
Spectral Power Distribution Comparison

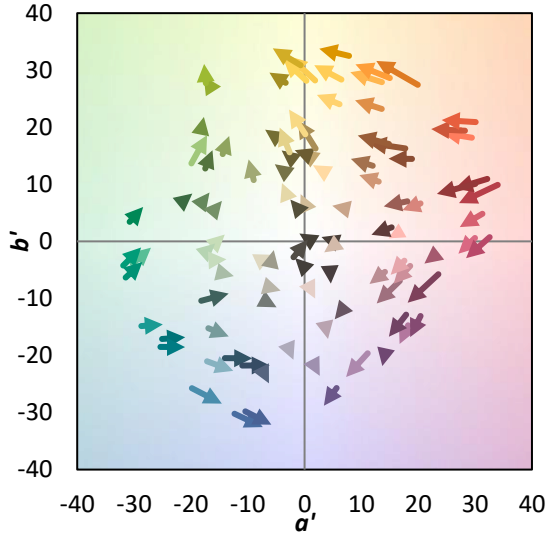


Color Vector Graphics







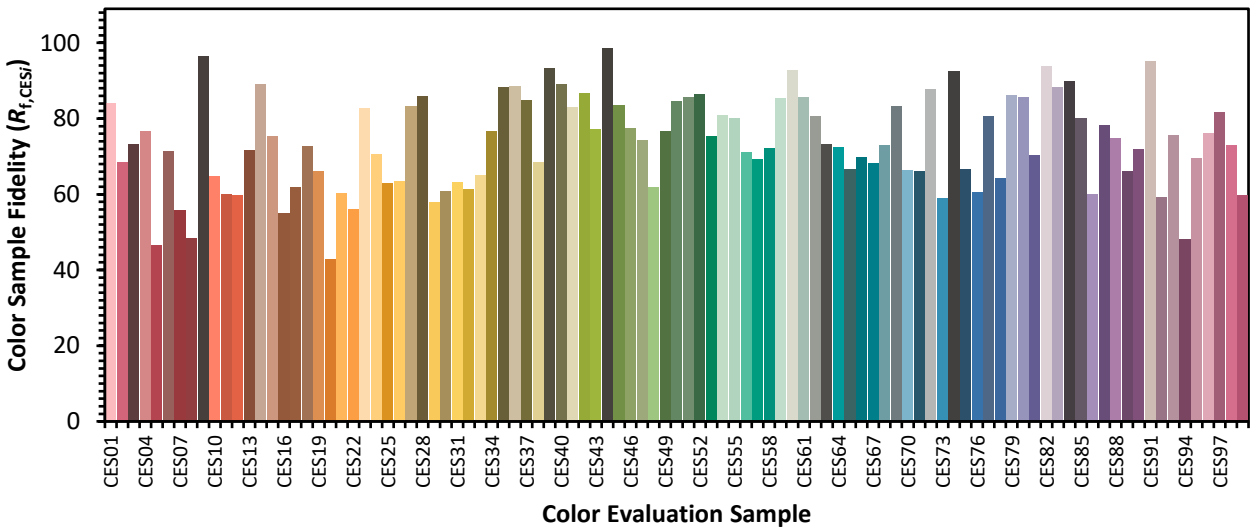


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Individual Sample Fidelity Index ($R_{f,i}$)

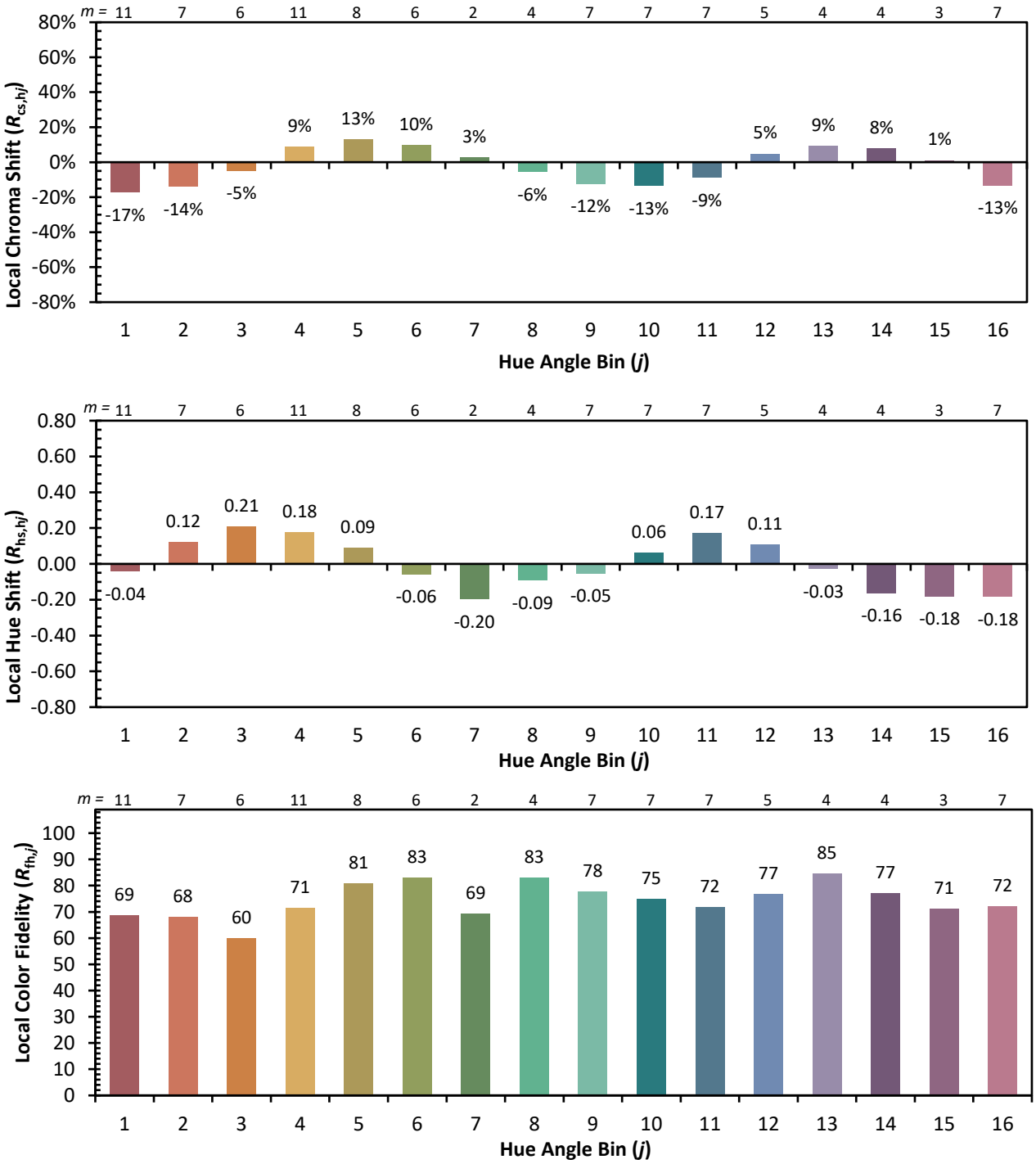
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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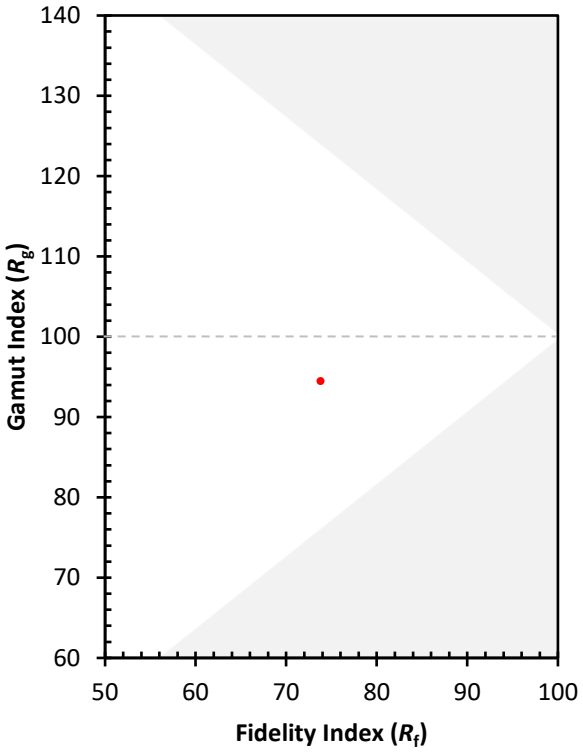
Color Rendition by Hue-Angle Bin

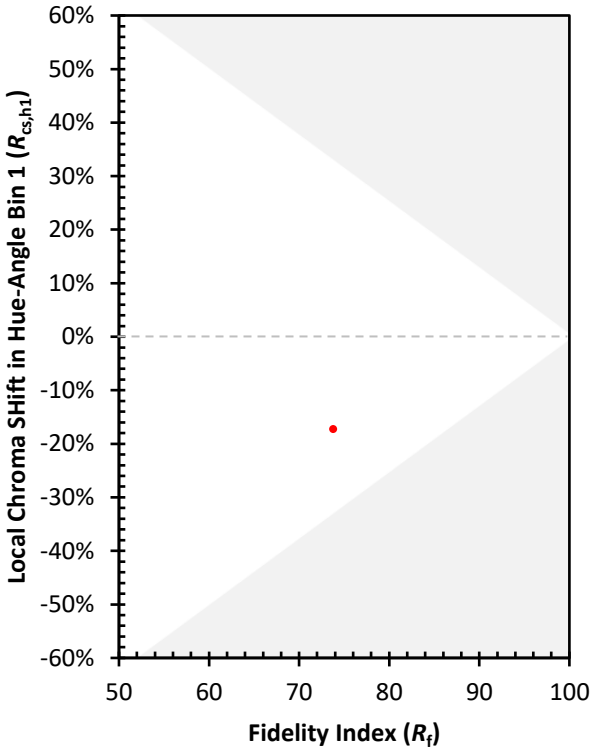


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Measure Comparisons





(END OF REPORT)