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: P1364204

Luminaire Tested: **GSS-SB4B-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:	P1364204
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20816.7 lumens
Efficiency:	N/A
Efficacy:	140.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

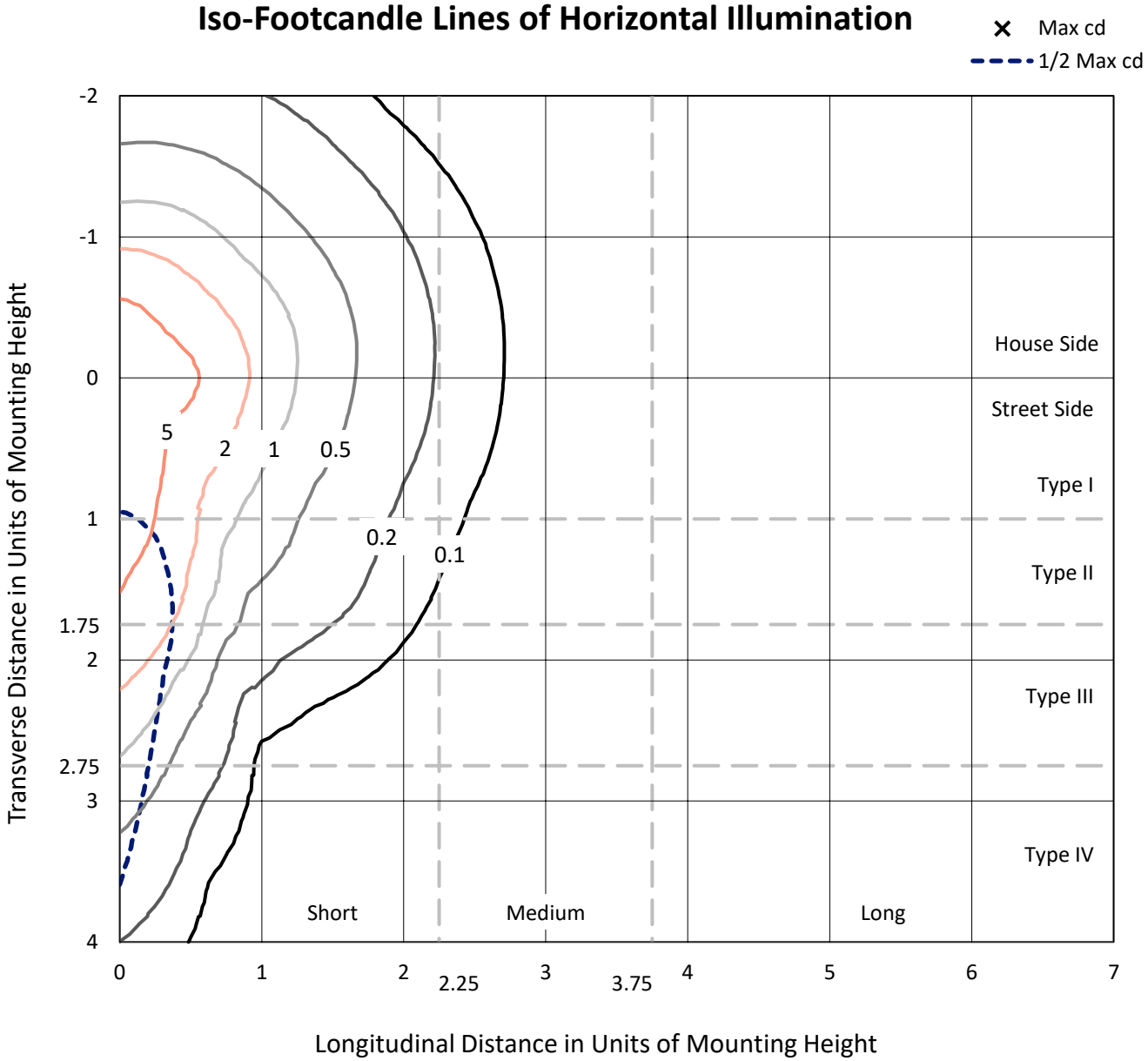
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



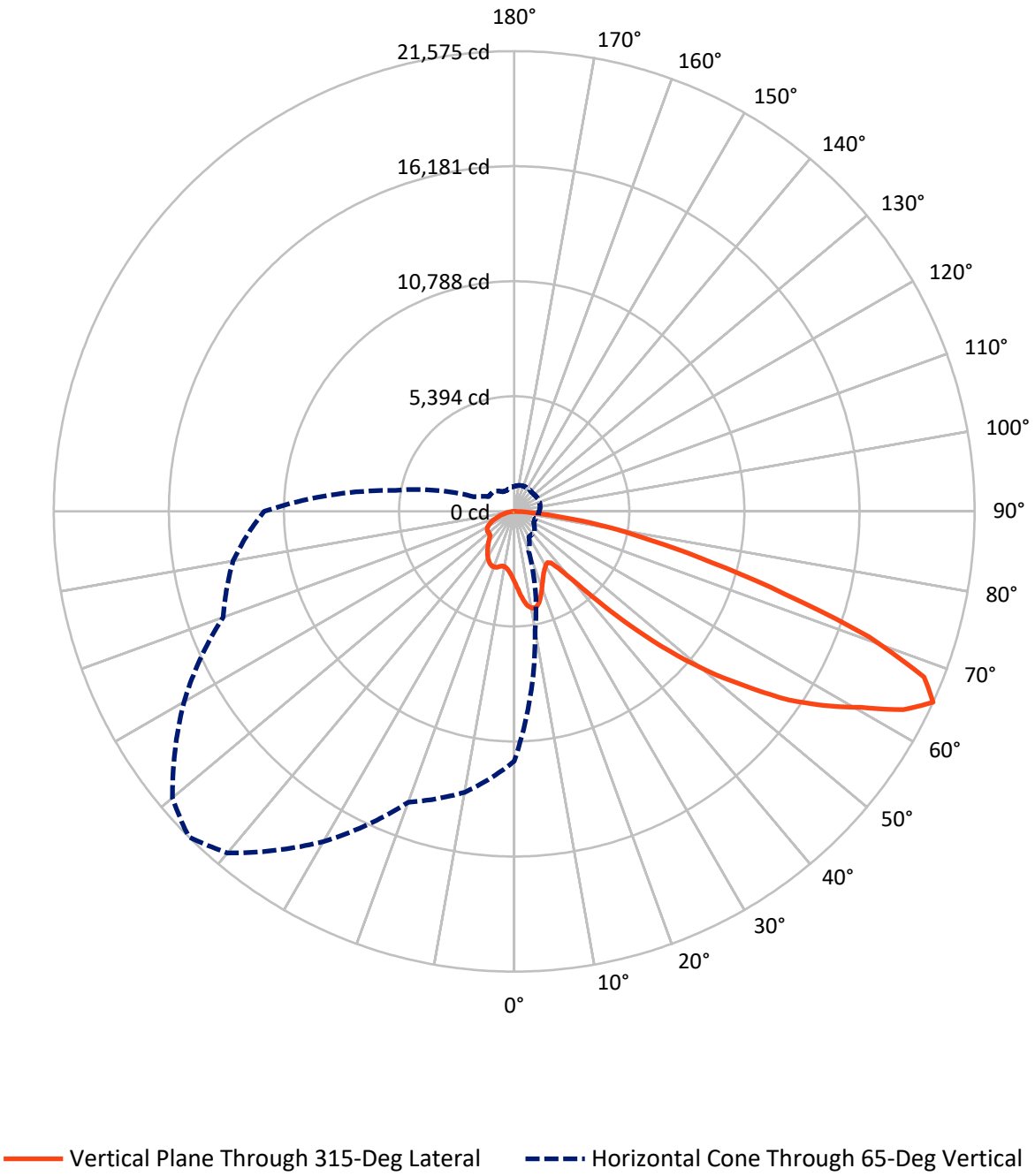
Based on 20 foot mounting height. Maximum calculated value = 9.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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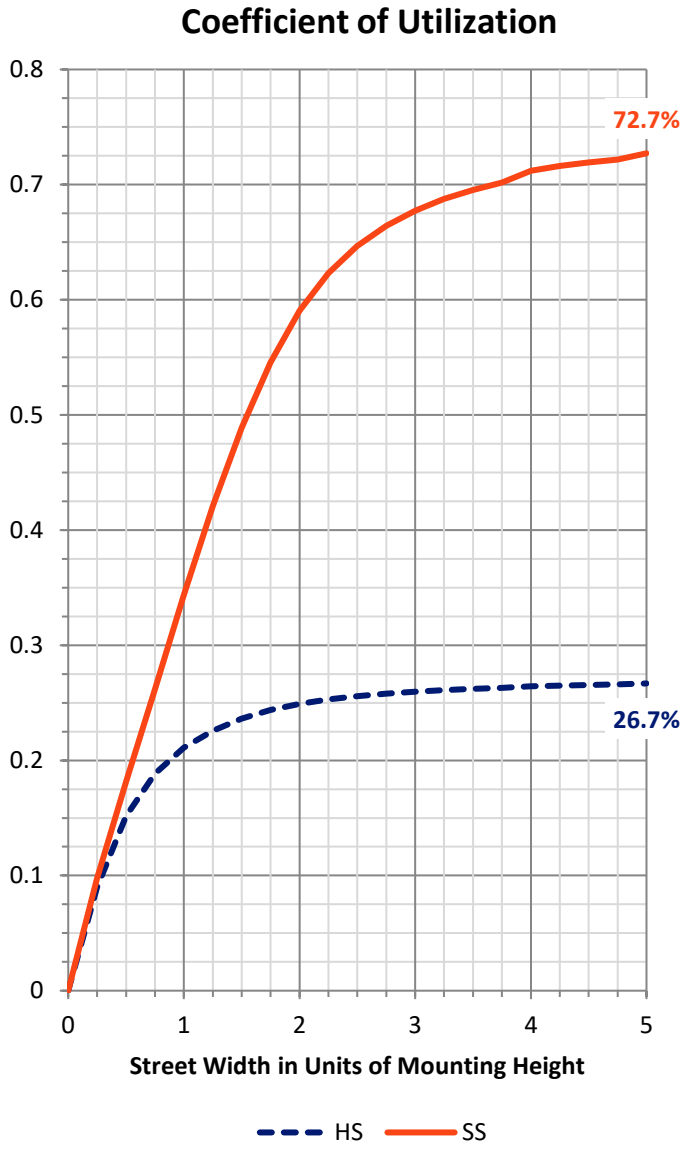
REPORT NUMBER: P1364204
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5600.2	0.0	5600.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	15216.6	0.0	15216.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	20816.7	0.0	20816.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.8	1.6
10°-20°	1004.4	4.8
20°-30°	1554.4	7.5
30°-40°	1928.6	9.3
40°-50°	2820.2	13.5
50°-60°	4417.5	21.2
60°-70°	5241.6	25.2
70°-80°	3057.2	14.7
80°-90°	465.1	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°	20816.7	100.0
0°-180°	20816.7	100.0



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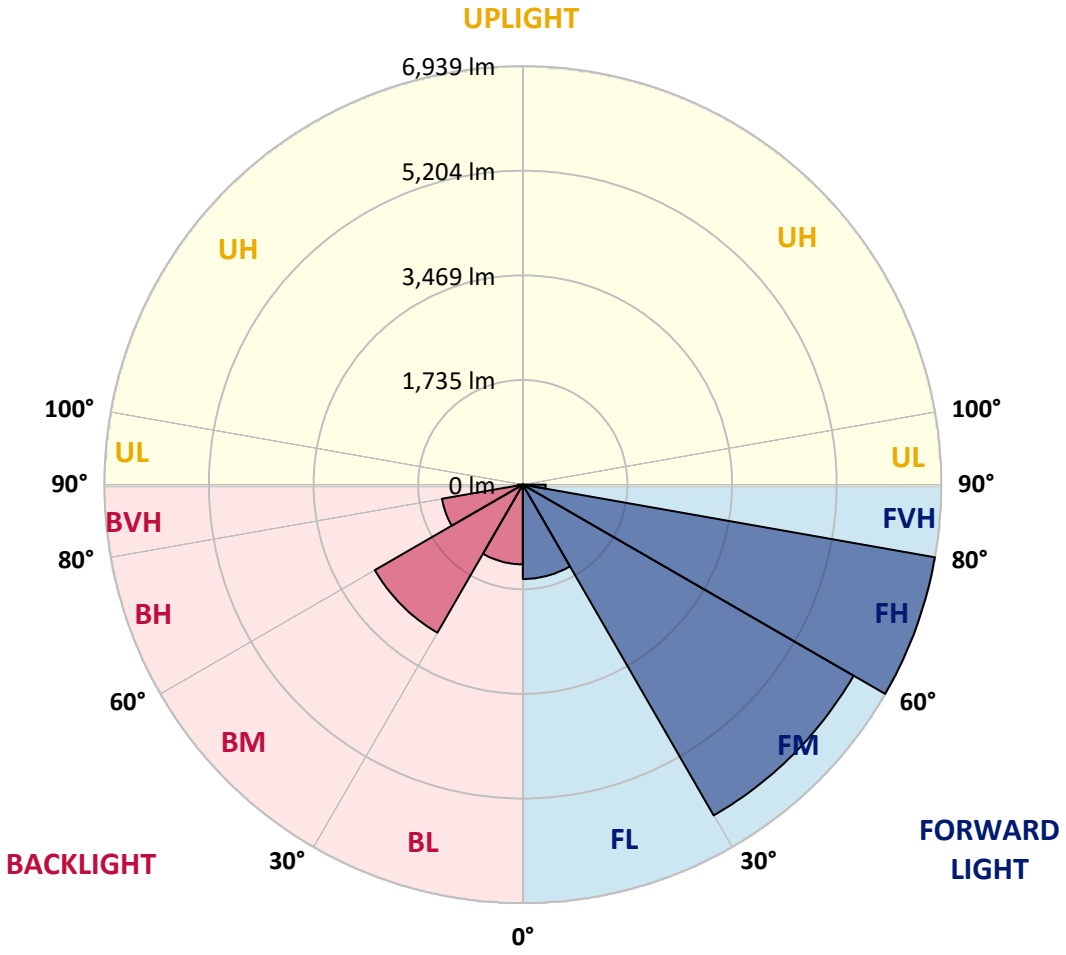
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1564.6	7.5			
FM	(30°-60°)	6332.9	30.4			
FH	(60°-80°)	6938.8	33.3			G3/7500
FVH	(80°-90°)	380.4	1.8			G3/500
BL	(0°-30°)	1322.0	6.4	B3/2500		
BM	(30°-60°)	2833.4	13.6	B3/5000		
BH	(60°-80°)	1360.0	6.5	B3/2500		G3/2500
BVH	(80°-90°)	84.7	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°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3
2.5°	3586.5	3554.0	3521.9	3492.4	3462.8	3433.3	3403.3	3374.8	3345.7	3316.7	3291.3
5°	3830.9	3773.4	3716.4	3656.3	3596.7	3538.2	3479.6	3424.1	3369.2	3311.6	3262.2
7.5°	4077.8	3981.1	3884.4	3793.2	3702.1	3620.6	3539.2	3466.4	3393.1	3316.7	3257.2
10°	4233.1	4117.5	4001.4	3888.4	3774.9	3674.6	3573.8	3489.8	3405.8	3324.4	3260.7
12.5°	4312.0	4196.9	4081.9	3955.1	3828.4	3715.8	3603.3	3510.7	3418.5	3329.4	3267.3
15°	4350.2	4233.6	4117.5	3988.7	3859.9	3738.8	3617.1	3512.7	3408.4	3309.1	3254.1
17.5°	4360.4	4251.4	4143.0	4005.5	3868.1	3729.6	3591.6	3470.0	3348.8	3232.7	3185.9
20°	4393.4	4283.5	4173.5	4025.9	3878.2	3715.8	3553.4	3393.6	3233.7	3080.0	3050.5
22.5°	4429.1	4328.3	4228.0	4065.6	3903.7	3705.2	3506.6	3306.0	3105.4	2922.2	2894.2
25°	4485.1	4398.0	4311.0	4133.8	3956.6	3704.1	3451.6	3201.7	2951.7	2741.4	2738.9
27.5°	4566.5	4499.8	4433.2	4233.6	4034.5	3713.8	3393.1	3094.8	2795.9	2581.1	2593.8
30°	4681.1	4628.6	4576.7	4351.7	4126.2	3734.7	3343.7	3001.6	2660.0	2451.3	2465.0
32.5°	4821.1	4788.5	4755.9	4490.7	4225.4	3758.1	3291.3	2920.1	2549.5	2357.1	2357.1
35°	5057.8	5017.1	4976.4	4638.3	4300.8	3752.5	3204.7	2827.5	2449.7	2301.1	2269.5
37.5°	5358.2	5309.8	5261.4	4818.5	4375.6	3736.7	3097.8	2724.6	2352.0	2234.9	2174.8
40°	5801.1	5705.9	5610.2	5024.7	4439.3	3701.1	2962.9	2602.0	2241.0	2148.4	2073.0
42.5°	6422.2	6220.6	6018.5	5252.8	4486.1	3639.5	2792.4	2455.8	2118.8	2054.2	1961.0
45°	7193.4	6870.2	6546.9	5562.3	4577.7	3597.2	2616.7	2307.2	1998.2	1939.6	1847.0
47.5°	7931.6	7522.3	7113.0	5880.5	4648.0	3547.8	2447.7	2159.6	1872.4	1804.7	1718.2
50°	8786.9	8232.0	7677.1	6157.9	4638.8	3463.8	2288.4	2028.2	1767.6	1674.9	1589.4
52.5°	9884.0	9002.7	8121.0	6289.3	4457.1	3291.8	2127.0	1910.1	1694.3	1575.6	1484.0
55°	11194.9	9777.1	8359.3	6254.7	4150.1	3063.7	1976.3	1811.3	1645.4	1527.3	1419.3
57.5°	12531.2	10427.2	8323.6	6065.8	3808.0	2824.9	1841.9	1727.9	1613.8	1514.5	1382.2
60°	13534.1	10718.4	7902.1	5613.2	3324.4	2523.0	1721.7	1641.8	1561.9	1484.0	1351.6
62.5°	13119.2	10072.3	7025.4	4871.5	2717.5	2140.2	1562.9	1518.1	1473.8	1440.7	1314.5
65°	*11719.2*	*8687.6*	*5656.0*	*3821.2*	*1986.5*	*1682.0*	*1377.1*	*1367.4*	*1358.3*	*1349.1*	*1244.7*
67.5°	10405.8	7461.2	4516.6	2973.6	1430.5	1286.0	1141.4	1168.4	1195.3	1209.1	1137.8
70°	9148.3	6338.7	3529.0	2278.7	1028.4	977.5	926.5	966.8	1007.0	1002.9	968.3
72.5°	7852.7	5263.5	2673.7	1713.1	752.4	751.4	750.9	781.5	812.0	771.3	793.2
75°	6429.8	4202.5	1975.3	1269.7	564.1	560.5	557.5	593.6	630.3	646.5	660.8
77.5°	4276.4	2757.2	1238.1	820.7	403.2	406.3	408.3	448.0	487.7	534.5	537.1
80°	2509.8	1580.7	651.6	453.6	255.6	258.6	260.7	302.4	343.6	409.8	407.3
82.5°	1254.9	792.1	329.9	243.9	157.8	158.3	158.8	179.2	199.6	236.7	246.9
85°	285.1	188.4	91.6	77.4	63.6	66.7	70.3	83.5	96.7	117.1	123.2
87.5°	22.9	22.4	21.4	20.9	20.4	21.4	22.9	25.5	28.0	30.5	35.6
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°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3
2.5°	3263.8	3236.8	3215.4	3194.5	3176.2	3157.4	3135.5	3113.1	3097.3	3081.0	3070.3
5°	3213.4	3165.5	3125.8	3086.1	3053.5	3019.9	2990.4	2960.4	2936.9	2913.0	2893.7
7.5°	3197.6	3138.5	3087.1	3035.2	2991.4	2947.6	2911.0	2873.8	2838.7	2804.1	2781.7
10°	3198.1	3136.0	3083.0	3030.1	2983.8	2937.4	2889.1	2840.7	2802.0	2763.3	2729.7
12.5°	3215.4	3164.0	3126.8	3090.2	3047.4	3004.6	2947.1	2889.1	2836.6	2784.7	2743.5
15°	3220.5	3186.9	3183.8	3180.8	3166.0	3151.3	3097.8	3044.4	2972.1	2899.3	2840.2
17.5°	3181.3	3176.7	3227.1	3277.5	3306.5	3335.6	3298.4	3260.7	3158.9	3057.1	2969.0
20°	3079.5	3108.0	3206.8	3305.0	3383.4	3461.8	3457.7	3454.2	3321.3	3187.9	3072.4
22.5°	2936.9	2979.2	3108.0	3236.8	3349.8	3462.8	3491.8	3520.4	3390.0	3259.2	3116.6
25°	2785.2	2831.6	2950.7	3069.8	3191.5	3313.2	3367.1	3421.1	3313.7	3206.2	3067.8
27.5°	2638.1	2682.9	2771.5	2860.1	2957.8	3055.6	3116.1	3176.7	3111.0	3045.4	2933.4
30°	2499.6	2534.2	2598.4	2662.5	2728.7	2794.9	2843.3	2891.6	2848.4	2805.1	2724.6
32.5°	2371.8	2386.6	2428.4	2470.1	2519.5	2568.4	2595.3	2621.8	2588.2	2554.6	2501.7
35°	2257.3	2245.1	2272.6	2300.1	2339.8	2380.0	2400.4	2420.7	2392.7	2364.7	2317.4
37.5°	2142.2	2108.6	2121.9	2134.1	2168.2	2201.8	2230.8	2260.4	2240.0	2219.6	2179.4
40°	2024.1	1975.3	1974.2	1972.7	2005.3	2037.4	2074.0	2110.2	2106.6	2102.5	2064.4
42.5°	1898.9	1836.8	1830.2	1823.6	1855.6	1887.7	1926.4	1965.1	1972.7	1980.4	1948.8
45°	1782.8	1719.7	1709.5	1699.3	1726.8	1755.3	1797.6	1840.4	1858.2	1876.0	1847.5
47.5°	1663.7	1608.7	1602.6	1596.0	1625.0	1654.5	1701.4	1748.7	1767.6	1786.9	1767.6
50°	1544.6	1499.3	1506.9	1514.5	1546.6	1578.2	1614.8	1652.0	1687.1	1721.7	1718.2
52.5°	1450.4	1416.3	1440.2	1463.6	1492.7	1522.2	1560.4	1598.5	1635.2	1672.4	1678.0
55°	1381.7	1344.0	1377.6	1411.2	1446.3	1481.5	1517.1	1552.7	1587.3	1621.5	1629.1
57.5°	1329.2	1276.8	1310.4	1344.0	1382.2	1420.4	1456.0	1491.6	1531.9	1572.1	1578.2
60°	1285.5	1219.3	1241.7	1263.6	1302.8	1341.5	1378.6	1415.3	1456.0	1496.7	1504.9
62.5°	1227.9	1141.4	1144.4	1146.5	1190.8	1234.5	1265.1	1295.6	1334.3	1373.5	1385.2
65°	*1151.6*	*1058.9*	*1048.7*	*1038.5*	*1080.3*	*1122.5*	*1146.5*	*1170.9*	*1204.5*	*1238.1*	*1249.8*
67.5°	1055.9	973.4	952.5	931.6	970.3	1009.0	1028.9	1048.7	1071.6	1094.5	1107.8
70°	919.4	870.5	857.3	844.1	875.6	907.2	924.5	941.8	960.1	978.5	985.6
72.5°	782.0	771.3	761.6	752.4	776.4	800.3	815.1	829.8	847.1	864.4	868.5
75°	654.7	649.1	642.0	635.3	653.7	672.0	683.2	694.9	712.7	730.5	738.2
77.5°	523.9	510.1	503.0	494.8	511.6	528.4	539.1	549.8	564.6	579.3	581.4
80°	391.0	374.2	368.6	362.5	374.7	386.9	391.0	394.5	406.8	418.5	418.5
82.5°	246.9	246.9	243.3	239.3	236.7	234.2	229.1	224.0	236.2	248.4	252.5
85°	124.2	124.7	119.1	113.0	105.9	97.7	96.2	94.2	93.7	92.7	96.2
87.5°	38.7	41.7	44.8	46.8	49.9	51.9	50.4	48.4	46.3	44.8	40.7
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°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3
2.5°	3059.6	3054.5	3049.4	3045.4	3041.8	3039.3	3041.8	3045.4	3049.4	3054.5	3059.6
5°	2873.8	2865.7	2857.0	2851.4	2845.8	2840.7	2845.8	2851.4	2857.0	2865.7	2873.8
7.5°	2759.3	2746.0	2732.8	2723.1	2713.4	2708.4	2713.4	2723.1	2732.8	2746.0	2759.3
10°	2697.2	2678.3	2660.0	2649.8	2639.6	2632.0	2639.6	2649.8	2660.0	2678.3	2697.2
12.5°	2702.2	2678.8	2656.4	2641.2	2625.9	2616.7	2625.9	2641.2	2656.4	2678.8	2702.2
15°	2780.6	2748.1	2714.5	2695.6	2676.8	2662.5	2676.8	2695.6	2714.5	2748.1	2780.6
17.5°	2881.4	2833.6	2785.7	2768.9	2751.6	2744.0	2751.6	2768.9	2785.7	2833.6	2881.4
20°	2956.8	2892.6	2829.5	2804.1	2778.6	2769.4	2778.6	2804.1	2829.5	2892.6	2956.8
22.5°	2974.1	2898.8	2822.9	2799.0	2774.5	2764.4	2774.5	2799.0	2822.9	2898.8	2974.1
25°	2929.8	2850.4	2770.5	2746.0	2721.1	2713.4	2721.1	2746.0	2770.5	2850.4	2929.8
27.5°	2821.4	2751.1	2680.4	2654.4	2627.9	2611.6	2627.9	2654.4	2680.4	2751.1	2821.4
30°	2644.7	2592.3	2540.4	2524.1	2507.3	2499.6	2507.3	2524.1	2540.4	2592.3	2644.7
32.5°	2448.7	2416.1	2383.6	2372.9	2362.2	2357.1	2362.2	2372.9	2383.6	2416.1	2448.7
35°	2270.5	2247.1	2223.7	2215.0	2206.9	2199.3	2206.9	2215.0	2223.7	2247.1	2270.5
37.5°	2139.2	2111.7	2083.2	2067.9	2052.6	2041.4	2052.6	2067.9	2083.2	2111.7	2139.2
40°	2026.2	1986.5	1947.3	1926.4	1905.0	1893.8	1905.0	1926.4	1947.3	1986.5	2026.2
42.5°	1916.7	1870.9	1825.1	1793.0	1761.5	1741.1	1761.5	1793.0	1825.1	1870.9	1916.7
45°	1818.5	1767.0	1715.6	1677.5	1639.3	1613.8	1639.3	1677.5	1715.6	1767.0	1818.5
47.5°	1748.7	1704.4	1659.6	1626.0	1592.4	1568.0	1592.4	1626.0	1659.6	1704.4	1748.7
50°	1714.6	1679.5	1644.4	1612.8	1580.7	1557.8	1580.7	1612.8	1644.4	1679.5	1714.6
52.5°	1684.1	1658.6	1633.2	1605.7	1578.2	1557.8	1578.2	1605.7	1633.2	1658.6	1684.1
55°	1636.7	1618.4	1599.6	1579.2	1558.8	1542.5	1558.8	1579.2	1599.6	1618.4	1636.7
57.5°	1584.3	1564.9	1545.1	1529.8	1514.5	1506.9	1514.5	1529.8	1545.1	1564.9	1584.3
60°	1513.0	1497.7	1482.5	1468.2	1453.5	1440.7	1453.5	1468.2	1482.5	1497.7	1513.0
62.5°	1397.5	1390.3	1383.7	1367.4	1351.6	1333.8	1351.6	1367.4	1383.7	1390.3	1397.5
65°	*1261.5*	*1258.0*	*1254.9*	*1243.2*	*1232.0*	*1211.6*	*1232.0*	*1243.2*	*1254.9*	*1258.0*	*1261.5*
67.5°	1121.0	1114.4	1107.3	1095.1	1083.3	1079.3	1083.3	1095.1	1107.3	1114.4	1121.0
70°	992.7	982.5	972.4	944.9	917.4	885.8	917.4	944.9	972.4	982.5	992.7
72.5°	873.1	857.3	841.0	808.9	776.4	743.3	776.4	808.9	841.0	857.3	873.1
75°	745.8	723.4	701.5	667.4	633.8	610.9	633.8	667.4	701.5	723.4	745.8
77.5°	584.4	565.1	545.7	525.4	505.0	493.8	505.0	525.4	545.7	565.1	584.4
80°	418.5	404.2	389.5	379.3	369.1	361.5	369.1	379.3	389.5	404.2	418.5
82.5°	257.1	250.5	244.4	233.2	221.5	213.8	221.5	233.2	244.4	250.5	257.1
85°	99.3	97.7	96.7	92.7	89.1	86.5	89.1	92.7	96.7	97.7	99.3
87.5°	36.7	33.6	30.5	28.5	26.5	25.5	26.5	28.5	30.5	33.6	36.7
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: P1364204
CATALOG NUMBER: GSS-SB4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3
2.5°	3070.3	3081.0	3097.3	3113.1	3135.5	3157.4	3176.2	3194.5	3215.4	3236.8	3263.8
5°	2893.7	2913.0	2936.9	2960.4	2990.4	3019.9	3053.5	3086.1	3125.8	3165.5	3213.4
7.5°	2781.7	2804.1	2838.7	2873.8	2911.0	2947.6	2991.4	3035.2	3087.1	3138.5	3197.6
10°	2729.7	2763.3	2802.0	2840.7	2889.1	2937.4	2983.8	3030.1	3083.0	3136.0	3198.1
12.5°	2743.5	2784.7	2836.6	2889.1	2947.1	3004.6	3047.4	3090.2	3126.8	3164.0	3215.4
15°	2840.2	2899.3	2972.1	3044.4	3097.8	3151.3	3166.0	3180.8	3183.8	3186.9	3220.5
17.5°	2969.0	3057.1	3158.9	3260.7	3298.4	3335.6	3306.5	3277.5	3227.1	3176.7	3181.3
20°	3072.4	3187.9	3321.3	3454.2	3457.7	3461.8	3383.4	3305.0	3206.8	3108.0	3079.5
22.5°	3116.6	3259.2	3390.0	3520.4	3491.8	3462.8	3349.8	3236.8	3108.0	2979.2	2936.9
25°	3067.8	3206.2	3313.7	3421.1	3367.1	3313.2	3191.5	3069.8	2950.7	2831.6	2785.2
27.5°	2933.4	3045.4	3111.0	3176.7	3116.1	3055.6	2957.8	2860.1	2771.5	2682.9	2638.1
30°	2724.6	2805.1	2848.4	2891.6	2843.3	2794.9	2728.7	2662.5	2598.4	2534.2	2499.6
32.5°	2501.7	2554.6	2588.2	2621.8	2595.3	2568.4	2519.5	2470.1	2428.4	2386.6	2371.8
35°	2317.4	2364.7	2392.7	2420.7	2400.4	2380.0	2339.8	2300.1	2272.6	2245.1	2257.3
37.5°	2179.4	2219.6	2240.0	2260.4	2230.8	2201.8	2168.2	2134.1	2121.9	2108.6	2142.2
40°	2064.4	2102.5	2106.6	2110.2	2074.0	2037.4	2005.3	1972.7	1974.2	1975.3	2024.1
42.5°	1948.8	1980.4	1972.7	1965.1	1926.4	1887.7	1855.6	1823.6	1830.2	1836.8	1898.9
45°	1847.5	1876.0	1858.2	1840.4	1797.6	1755.3	1726.8	1699.3	1709.5	1719.7	1782.8
47.5°	1767.6	1786.9	1767.6	1748.7	1701.4	1654.5	1625.0	1596.0	1602.6	1608.7	1663.7
50°	1718.2	1721.7	1687.1	1652.0	1614.8	1578.2	1546.6	1514.5	1506.9	1499.3	1544.6
52.5°	1678.0	1672.4	1635.2	1598.5	1560.4	1522.2	1492.7	1463.6	1440.2	1416.3	1450.4
55°	1629.1	1621.5	1587.3	1552.7	1517.1	1481.5	1446.3	1411.2	1377.6	1344.0	1381.7
57.5°	1578.2	1572.1	1531.9	1491.6	1456.0	1420.4	1382.2	1344.0	1310.4	1276.8	1329.2
60°	1504.9	1496.7	1456.0	1415.3	1378.6	1341.5	1302.8	1263.6	1241.7	1219.3	1285.5
62.5°	1385.2	1373.5	1334.3	1295.6	1265.1	1234.5	1190.8	1146.5	1144.4	1141.4	1227.9
65°	*1249.8*	*1238.1*	*1204.5*	*1170.9*	*1146.5*	*1122.5*	*1080.3*	*1038.5*	*1048.7*	*1058.9*	*1151.6*
67.5°	1107.8	1094.5	1071.6	1048.7	1028.9	1009.0	970.3	931.6	952.5	973.4	1055.9
70°	985.6	978.5	960.1	941.8	924.5	907.2	875.6	844.1	857.3	870.5	919.4
72.5°	868.5	864.4	847.1	829.8	815.1	800.3	776.4	752.4	761.6	771.3	782.0
75°	738.2	730.5	712.7	694.9	683.2	672.0	653.7	635.3	642.0	649.1	654.7
77.5°	581.4	579.3	564.6	549.8	539.1	528.4	511.6	494.8	503.0	510.1	523.9
80°	418.5	418.5	406.8	394.5	391.0	386.9	374.7	362.5	368.6	374.2	391.0
82.5°	252.5	248.4	236.2	224.0	229.1	234.2	236.7	239.3	243.3	246.9	246.9
85°	96.2	92.7	93.7	94.2	96.2	97.7	105.9	113.0	119.1	124.7	124.2
87.5°	40.7	44.8	46.3	48.4	50.4	51.9	49.9	46.8	44.8	41.7	38.7
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: P1364204
CATALOG NUMBER: GSS-SB4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3
2.5°	3291.3	3316.7	3345.7	3374.8	3403.3	3433.3	3462.8	3492.4	3521.9	3554.0	3586.5
5°	3262.2	3311.6	3369.2	3424.1	3479.6	3538.2	3596.7	3656.3	3716.4	3773.4	3830.9
7.5°	3257.2	3316.7	3393.1	3466.4	3539.2	3620.6	3702.1	3793.2	3884.4	3981.1	4077.8
10°	3260.7	3324.4	3405.8	3489.8	3573.8	3674.6	3774.9	3888.4	4001.4	4117.5	4233.1
12.5°	3267.3	3329.4	3418.5	3510.7	3603.3	3715.8	3828.4	3955.1	4081.9	4196.9	4312.0
15°	3254.1	3309.1	3408.4	3512.7	3617.1	3738.8	3859.9	3988.7	4117.5	4233.6	4350.2
17.5°	3185.9	3232.7	3348.8	3470.0	3591.6	3729.6	3868.1	4005.5	4143.0	4251.4	4360.4
20°	3050.5	3080.0	3233.7	3393.6	3553.4	3715.8	3878.2	4025.9	4173.5	4283.5	4393.4
22.5°	2894.2	2922.2	3105.4	3306.0	3506.6	3705.2	3903.7	4065.6	4228.0	4328.3	4429.1
25°	2738.9	2741.4	2951.7	3201.7	3451.6	3704.1	3956.6	4133.8	4311.0	4398.0	4485.1
27.5°	2593.8	2581.1	2795.9	3094.8	3393.1	3713.8	4034.5	4233.6	4433.2	4499.8	4566.5
30°	2465.0	2451.3	2660.0	3001.6	3343.7	3734.7	4126.2	4351.7	4576.7	4628.6	4681.1
32.5°	2357.1	2357.1	2549.5	2920.1	3291.3	3758.1	4225.4	4490.7	4755.9	4788.5	4821.1
35°	2269.5	2301.1	2449.7	2827.5	3204.7	3752.5	4300.8	4638.3	4976.4	5017.1	5057.8
37.5°	2174.8	2234.9	2352.0	2724.6	3097.8	3736.7	4375.6	4818.5	5261.4	5309.8	5358.2
40°	2073.0	2148.4	2241.0	2602.0	2962.9	3701.1	4439.3	5024.7	5610.2	5705.9	5801.1
42.5°	1961.0	2054.2	2118.8	2455.8	2792.4	3639.5	4486.1	5252.8	6018.5	6220.6	6422.2
45°	1847.0	1939.6	1998.2	2307.2	2616.7	3597.2	4577.7	5562.3	6546.9	6870.2	7193.4
47.5°	1718.2	1804.7	1872.4	2159.6	2447.7	3547.8	4648.0	5880.5	7113.0	7522.3	7931.6
50°	1589.4	1674.9	1767.6	2028.2	2288.4	3463.8	4638.8	6157.9	7677.1	8232.0	8786.9
52.5°	1484.0	1575.6	1694.3	1910.1	2127.0	3291.8	4457.1	6289.3	8121.0	9002.7	9884.0
55°	1419.3	1527.3	1645.4	1811.3	1976.3	3063.7	4150.1	6254.7	8359.3	9777.1	11194.9
57.5°	1382.2	1514.5	1613.8	1727.9	1841.9	2824.9	3808.0	6065.8	8323.6	10427.2	12531.2
60°	1351.6	1484.0	1561.9	1641.8	1721.7	2523.0	3324.4	5613.2	7902.1	10718.4	13534.1
62.5°	1314.5	1440.7	1473.8	1518.1	1562.9	2140.2	2717.5	4871.5	7025.4	10072.3	13119.2
65°	*1244.7*	*1349.1*	*1358.3*	*1367.4*	*1377.1*	*1682.0*	*1986.5*	*3821.2*	*5656.0*	*8687.6*	*11719.2*
67.5°	1137.8	1209.1	1195.3	1168.4	1141.4	1286.0	1430.5	2973.6	4516.6	7461.2	10405.8
70°	968.3	1002.9	1007.0	966.8	926.5	977.5	1028.4	2278.7	3529.0	6338.7	9148.3
72.5°	793.2	771.3	812.0	781.5	750.9	751.4	752.4	1713.1	2673.7	5263.5	7852.7
75°	660.8	646.5	630.3	593.6	557.5	560.5	564.1	1269.7	1975.3	4202.5	6429.8
77.5°	537.1	534.5	487.7	448.0	408.3	406.3	403.2	820.7	1238.1	2757.2	4276.4
80°	407.3	409.8	343.6	302.4	260.7	258.6	255.6	453.6	651.6	1580.7	2509.8
82.5°	246.9	236.7	199.6	179.2	158.8	158.3	157.8	243.9	329.9	792.1	1254.9
85°	123.2	117.1	96.7	83.5	70.3	66.7	63.6	77.4	91.6	188.4	285.1
87.5°	35.6	30.5	28.0	25.5	22.9	21.4	20.4	20.9	21.4	22.4	22.9
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: P1364204
CATALOG NUMBER: GSS-SB4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	*3319.3*	3319.3	3319.3
2.5°	3599.3	3612.0	3625.7	3640.0	3648.1	3656.3	3664.9	3673.1	*3680.7*	3673.1	3664.9
5°	3888.4	3945.4	3984.1	4022.8	4052.4	4081.9	4098.7	4116.0	*4118.5*	4116.0	4098.7
7.5°	4146.0	4214.2	4273.3	4332.4	4370.0	4407.7	4429.6	4452.0	*4459.6*	4452.0	4429.6
10°	4313.0	4393.4	4450.5	4508.0	4543.1	4577.7	4595.0	4612.4	*4617.4*	4612.4	4595.0
12.5°	4388.9	4465.7	4510.0	4553.8	4576.2	4598.1	4606.2	4613.4	*4607.3*	4613.4	4606.2
15°	4395.5	4440.3	4459.1	4477.4	4466.8	4455.6	4439.8	4424.0	*4413.8*	4424.0	4439.8
17.5°	4376.1	4392.4	4358.3	4324.7	4263.6	4202.5	4156.7	4110.9	*4077.8*	4110.9	4156.7
20°	4368.0	4342.5	4251.9	4161.8	4047.3	3932.7	3855.8	3778.5	*3731.6*	3778.5	3855.8
22.5°	4357.3	4285.5	4133.3	3981.1	3824.3	3668.0	3579.4	3491.3	*3441.4*	3491.3	3579.4
25°	4361.9	4238.2	4032.5	3827.3	3643.0	3459.3	3363.0	3267.3	*3212.4*	3267.3	3363.0
27.5°	4378.2	4189.8	3935.3	3680.7	3481.2	3281.1	3189.4	3097.8	*3049.4*	3097.8	3189.4
30°	4431.1	4180.6	3876.2	3571.3	3362.5	3153.8	3064.2	2974.1	*2922.2*	2974.1	3064.2
32.5°	4505.4	4189.8	3848.7	3507.6	3294.8	3082.5	2996.5	2911.0	*2866.2*	2911.0	2996.5
35°	4658.2	4258.5	3880.3	3502.5	3305.0	3108.0	3044.9	2982.2	*2957.8*	2982.2	3044.9
37.5°	4891.3	4424.0	4034.5	3645.1	3510.7	3376.3	3376.3	3376.3	*3395.6*	3376.3	3376.3
40°	5276.7	4752.4	4383.8	4015.7	4007.6	4000.4	4086.0	4172.0	*4210.2*	4172.0	4086.0
42.5°	5867.8	5313.9	5016.6	4719.3	4897.4	5075.6	5323.0	5570.5	*5732.3*	5570.5	5323.0
45°	6653.8	6114.2	5906.5	5699.3	6095.8	6491.9	6929.2	7366.5	*7677.1*	7366.5	6929.2
47.5°	7477.5	7022.9	6904.3	6786.2	7445.4	8104.7	8745.7	9386.6	*9764.3*	9386.6	8745.7
50°	8378.6	7969.8	7946.9	7924.0	8802.2	9680.3	10507.6	11334.9	*11795.6*	11334.9	10507.6
52.5°	9435.5	8986.4	9004.8	9022.1	10065.2	11108.3	12108.7	13109.1	*13628.3*	13109.1	12108.7
55°	10632.3	10069.8	10066.7	10063.7	11262.1	12461.5	13690.4	14920.4	*15613.8*	14920.4	13690.4
57.5°	12004.3	11477.4	11352.2	11226.4	12479.8	13732.7	15089.9	16447.7	*17176.7*	16447.7	15089.9
60°	13244.0	12953.8	12753.2	12553.1	13840.1	15127.6	16529.6	17931.2	*18658.1*	17931.2	16529.6
62.5°	13638.0	14156.8	14142.0	14127.2	15516.5	16905.8	18363.9	19822.9	*20475.6*	19822.9	18363.9
65°	*12546.5*	*13373.8*	*13942.9*	*14511.6*	*16191.1*	*17870.1*	*19389.2*	*20908.3*	*21575.2*	*20908.3*	*19389.2*
67.5°	11134.8	11864.3	12330.2	12796.0	14688.3	16581.0	18304.8	20028.6	*20714.9*	20028.6	18304.8
70°	9955.8	10763.2	11096.1	11429.1	13036.8	14644.0	16007.8	17371.2	*17640.0*	17371.2	16007.8
72.5°	8812.8	9773.5	9914.5	10055.5	11225.4	12395.3	13121.8	13848.3	*13261.8*	13848.3	13121.8
75°	7513.1	8596.0	8690.2	8784.3	9148.8	9513.9	9698.7	9884.0	*9550.5*	9884.0	9698.7
77.5°	5214.1	6152.3	6363.6	6574.9	6817.7	7061.1	7048.3	7035.6	*6567.3*	7035.6	7048.3
80°	3243.4	3977.0	4004.5	4032.0	4214.2	4396.0	4581.8	4767.6	*4469.8*	4767.6	4581.8
82.5°	1657.6	2060.8	2122.9	2185.0	2296.5	2408.0	2459.9	2512.4	*2260.4*	2512.4	2459.9
85°	390.0	494.8	596.1	697.5	814.5	931.6	918.4	905.2	*763.6*	905.2	918.4
87.5°	23.4	24.4	24.9	25.5	26.0	26.5	28.0	29.5	*30.5*	29.5	28.0
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364204
CATALOG NUMBER: GSS-SB4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3	3319.3
2.5°	3656.3	3648.1	3640.0	3625.7	3612.0	3599.3	3586.5
5°	4081.9	4052.4	4022.8	3984.1	3945.4	3888.4	3830.9
7.5°	4407.7	4370.0	4332.4	4273.3	4214.2	4146.0	4077.8
10°	4577.7	4543.1	4508.0	4450.5	4393.4	4313.0	4233.1
12.5°	4598.1	4576.2	4553.8	4510.0	4465.7	4388.9	4312.0
15°	4455.6	4466.8	4477.4	4459.1	4440.3	4395.5	4350.2
17.5°	4202.5	4263.6	4324.7	4358.3	4392.4	4376.1	4360.4
20°	3932.7	4047.3	4161.8	4251.9	4342.5	4368.0	4393.4
22.5°	3668.0	3824.3	3981.1	4133.3	4285.5	4357.3	4429.1
25°	3459.3	3643.0	3827.3	4032.5	4238.2	4361.9	4485.1
27.5°	3281.1	3481.2	3680.7	3935.3	4189.8	4378.2	4566.5
30°	3153.8	3362.5	3571.3	3876.2	4180.6	4431.1	4681.1
32.5°	3082.5	3294.8	3507.6	3848.7	4189.8	4505.4	4821.1
35°	3108.0	3305.0	3502.5	3880.3	4258.5	4658.2	5057.8
37.5°	3376.3	3510.7	3645.1	4034.5	4424.0	4891.3	5358.2
40°	4000.4	4007.6	4015.7	4383.8	4752.4	5276.7	5801.1
42.5°	5075.6	4897.4	4719.3	5016.6	5313.9	5867.8	6422.2
45°	6491.9	6095.8	5699.3	5906.5	6114.2	6653.8	7193.4
47.5°	8104.7	7445.4	6786.2	6904.3	7022.9	7477.5	7931.6
50°	9680.3	8802.2	7924.0	7946.9	7969.8	8378.6	8786.9
52.5°	11108.3	10065.2	9022.1	9004.8	8986.4	9435.5	9884.0
55°	12461.5	11262.1	10063.7	10066.7	10069.8	10632.3	11194.9
57.5°	13732.7	12479.8	11226.4	11352.2	11477.4	12004.3	12531.2
60°	15127.6	13840.1	12553.1	12753.2	12953.8	13244.0	13534.1
62.5°	16905.8	15516.5	14127.2	14142.0	14156.8	13638.0	13119.2
65°	*17870.1*	*16191.1*	*14511.6*	*13942.9*	*13373.8*	*12546.5*	*11719.2*
67.5°	16581.0	14688.3	12796.0	12330.2	11864.3	11134.8	10405.8
70°	14644.0	13036.8	11429.1	11096.1	10763.2	9955.8	9148.3
72.5°	12395.3	11225.4	10055.5	9914.5	9773.5	8812.8	7852.7
75°	9513.9	9148.8	8784.3	8690.2	8596.0	7513.1	6429.8
77.5°	7061.1	6817.7	6574.9	6363.6	6152.3	5214.1	4276.4
80°	4396.0	4214.2	4032.0	4004.5	3977.0	3243.4	2509.8
82.5°	2408.0	2296.5	2185.0	2122.9	2060.8	1657.6	1254.9
85°	931.6	814.5	697.5	596.1	494.8	390.0	285.1
87.5°	26.5	26.0	25.5	24.9	24.4	23.4	22.9
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

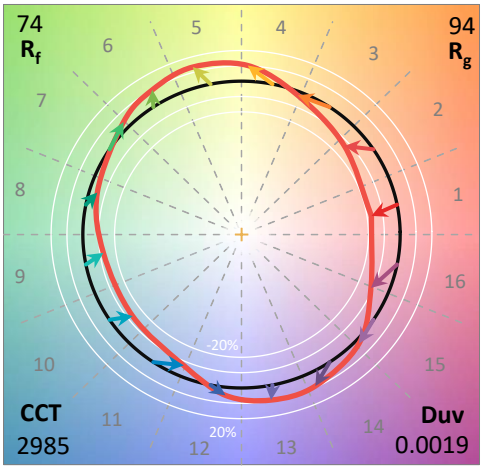
Test Information

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



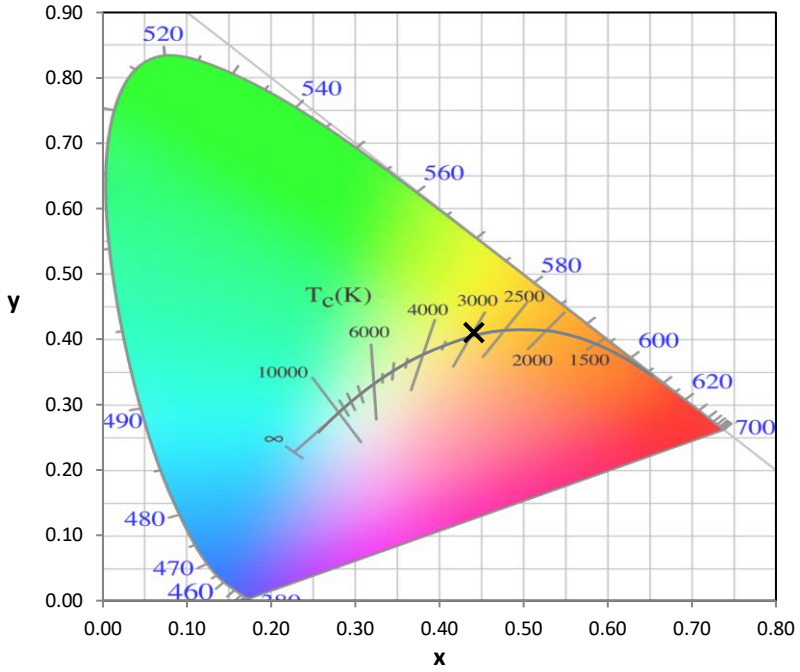
Test Conditions

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

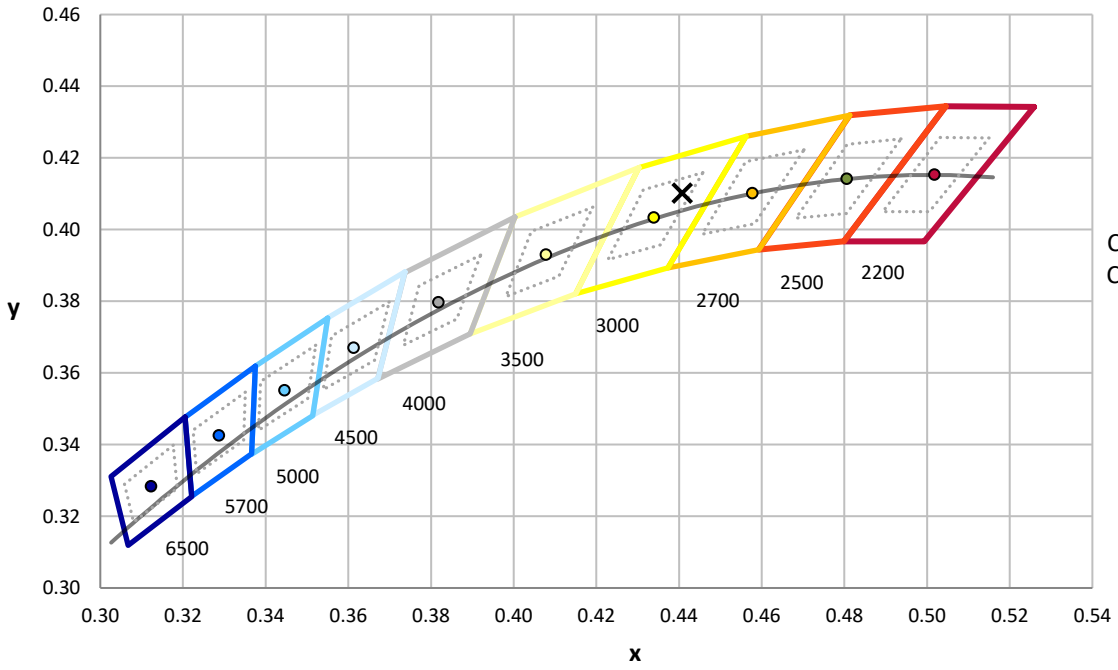
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

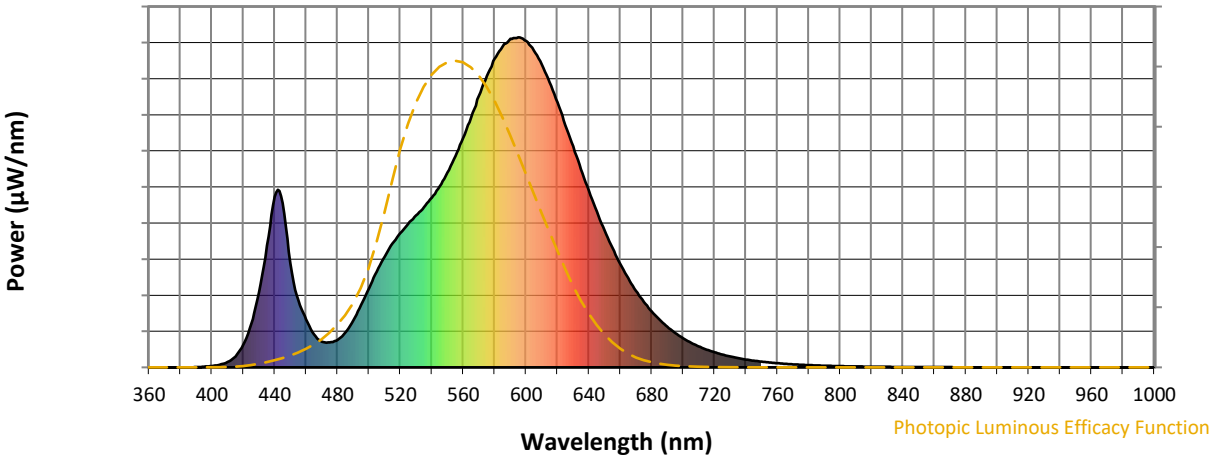


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

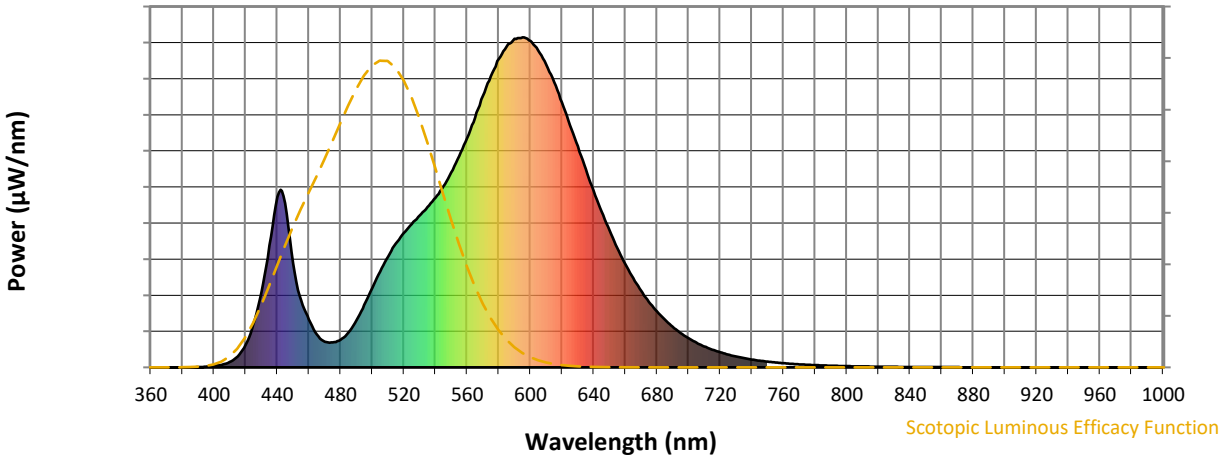


Photopic Lumens: NR

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

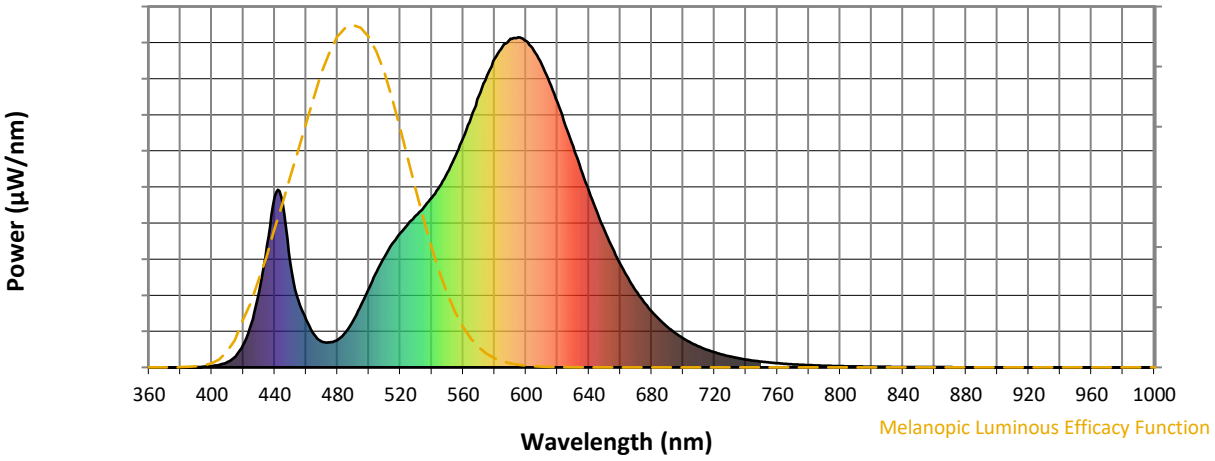


Scotopic Lumens: NR **S/P: 1.19**

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			

REPORT NUMBER: SP1-2407-184-4

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			

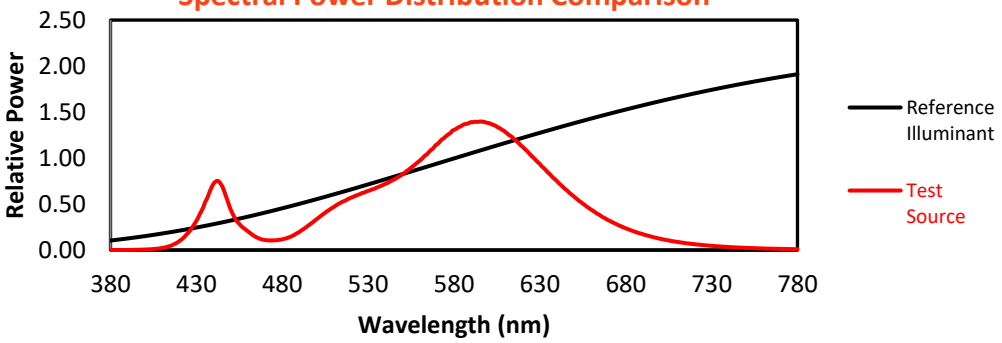
REPORT NUMBER: SP1-2407-184-4

TM-30-18

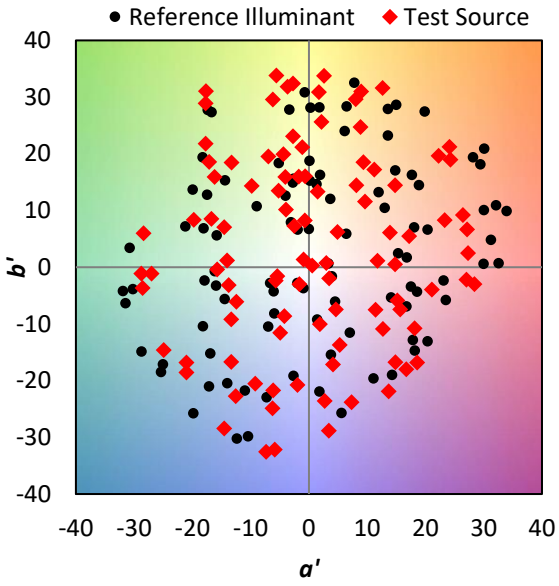
Summary

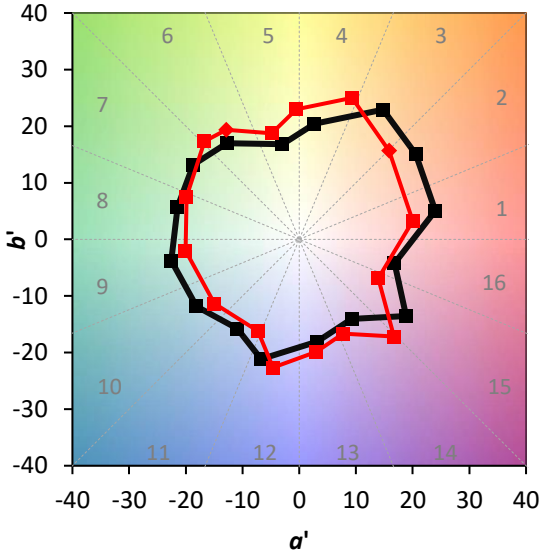
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

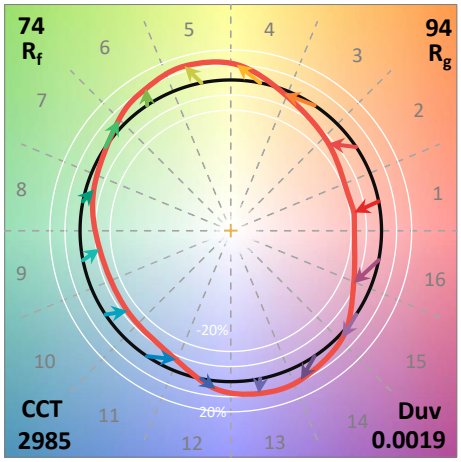
Spectral Power Distribution Comparison

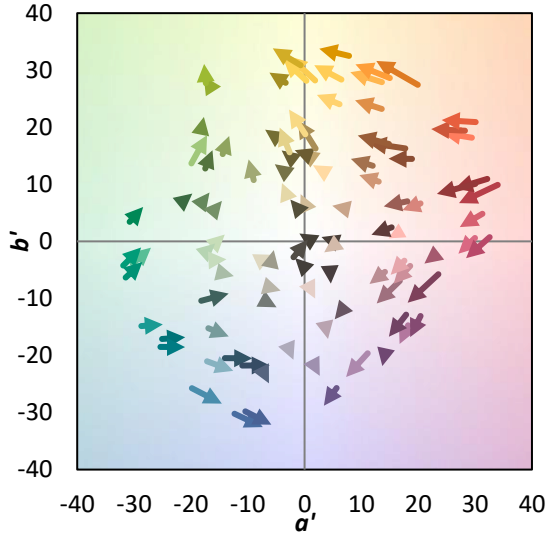


Color Vector Graphics







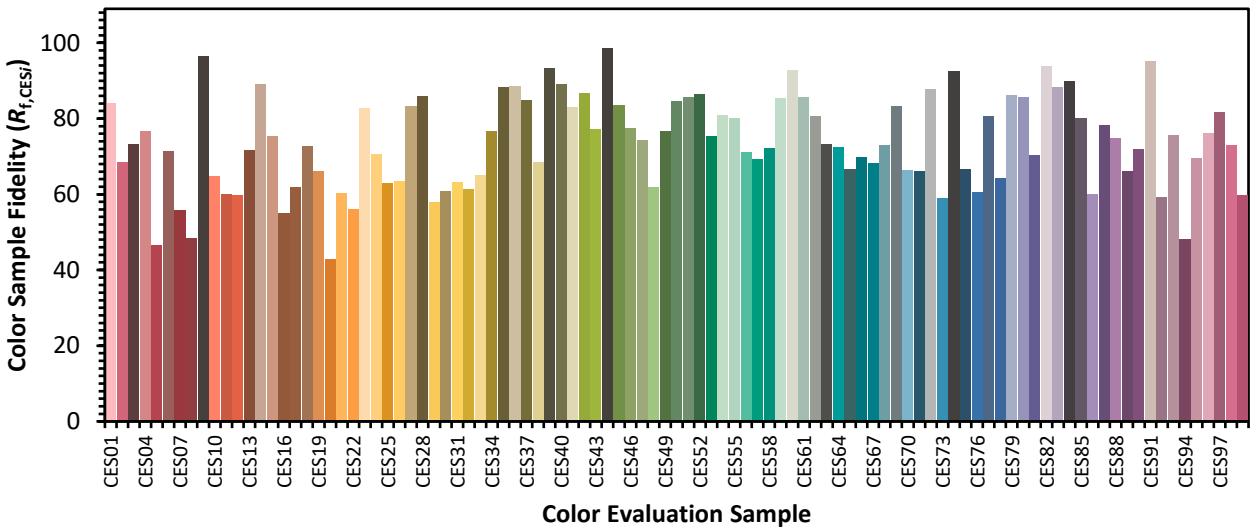


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

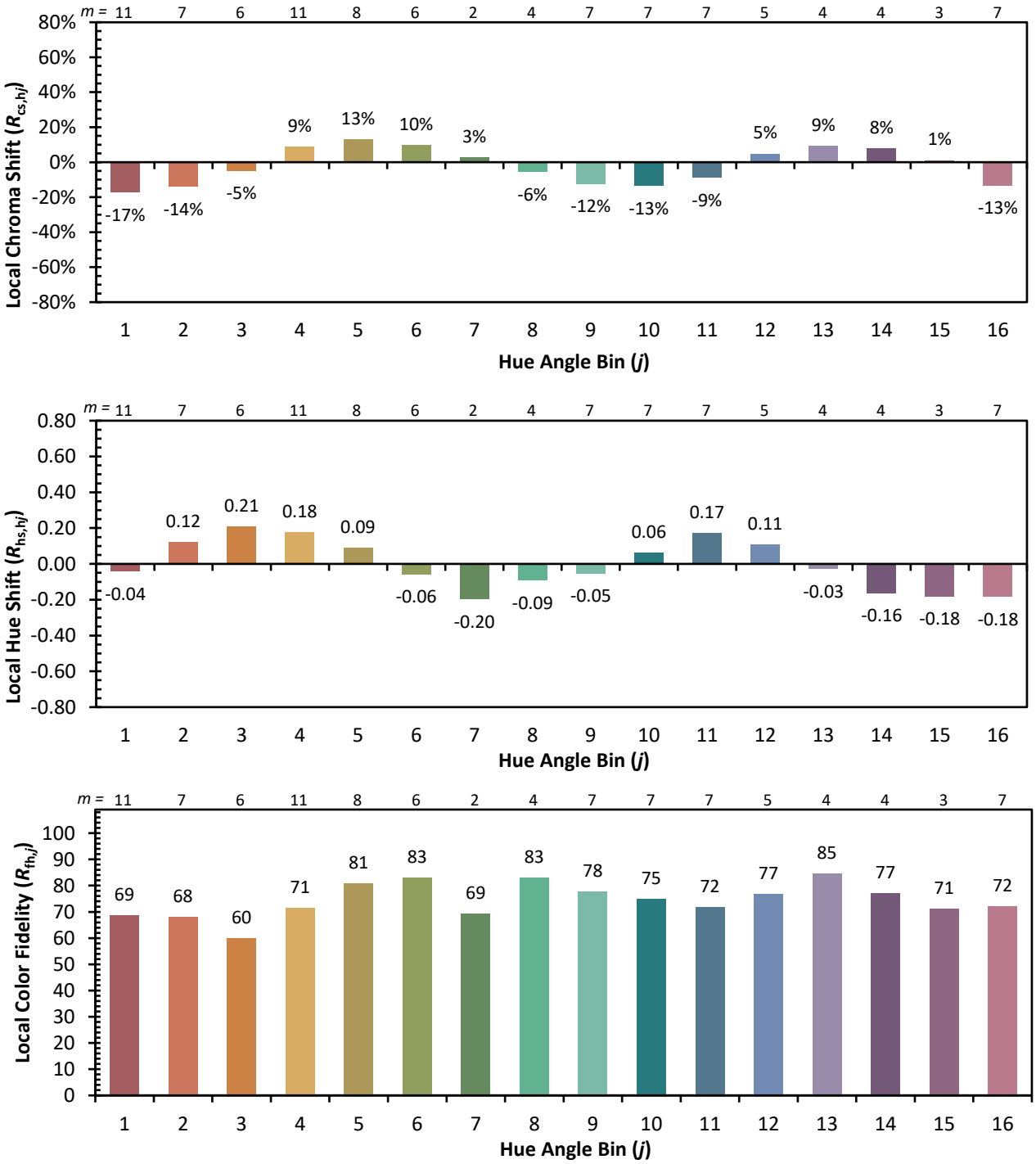
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 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	



REPORT NUMBER: SP1-2407-184-4

TM-30-18

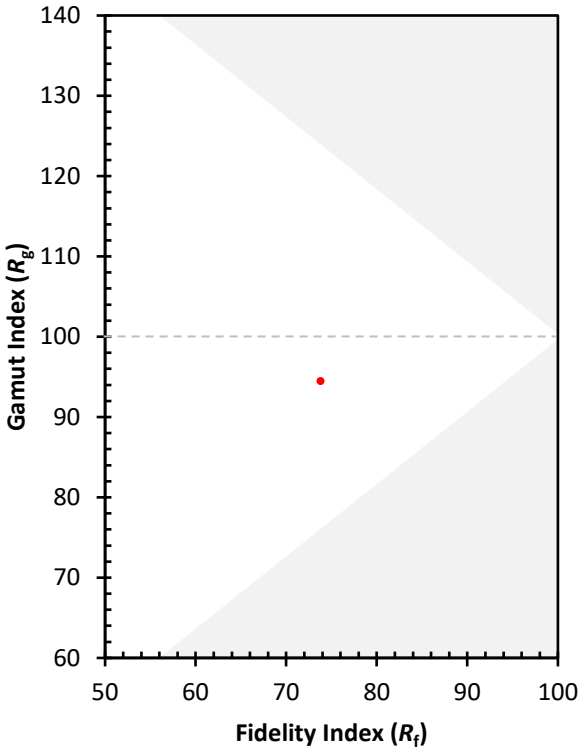
Color Rendition by Hue-Angle Bin

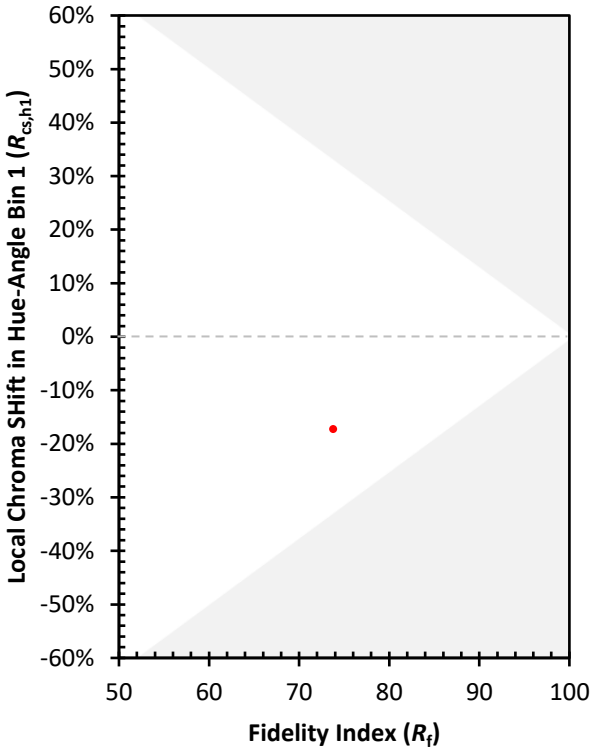


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)