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: P1364128

Luminaire Tested: **GSS-SB3B-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:	P1364128
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-740-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(78) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15845.1 lumens
Efficiency:	N/A
Efficacy:	145.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

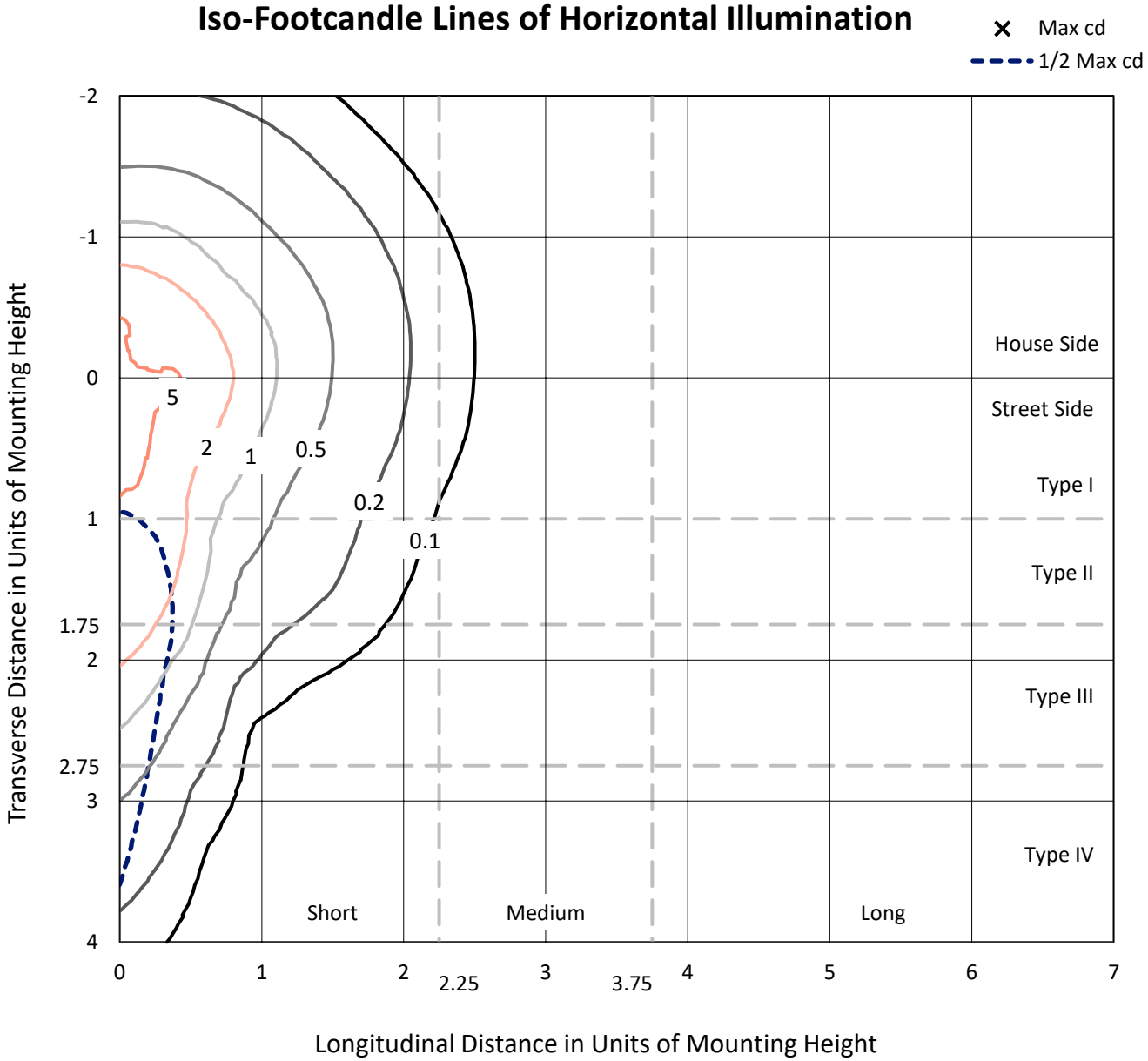
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



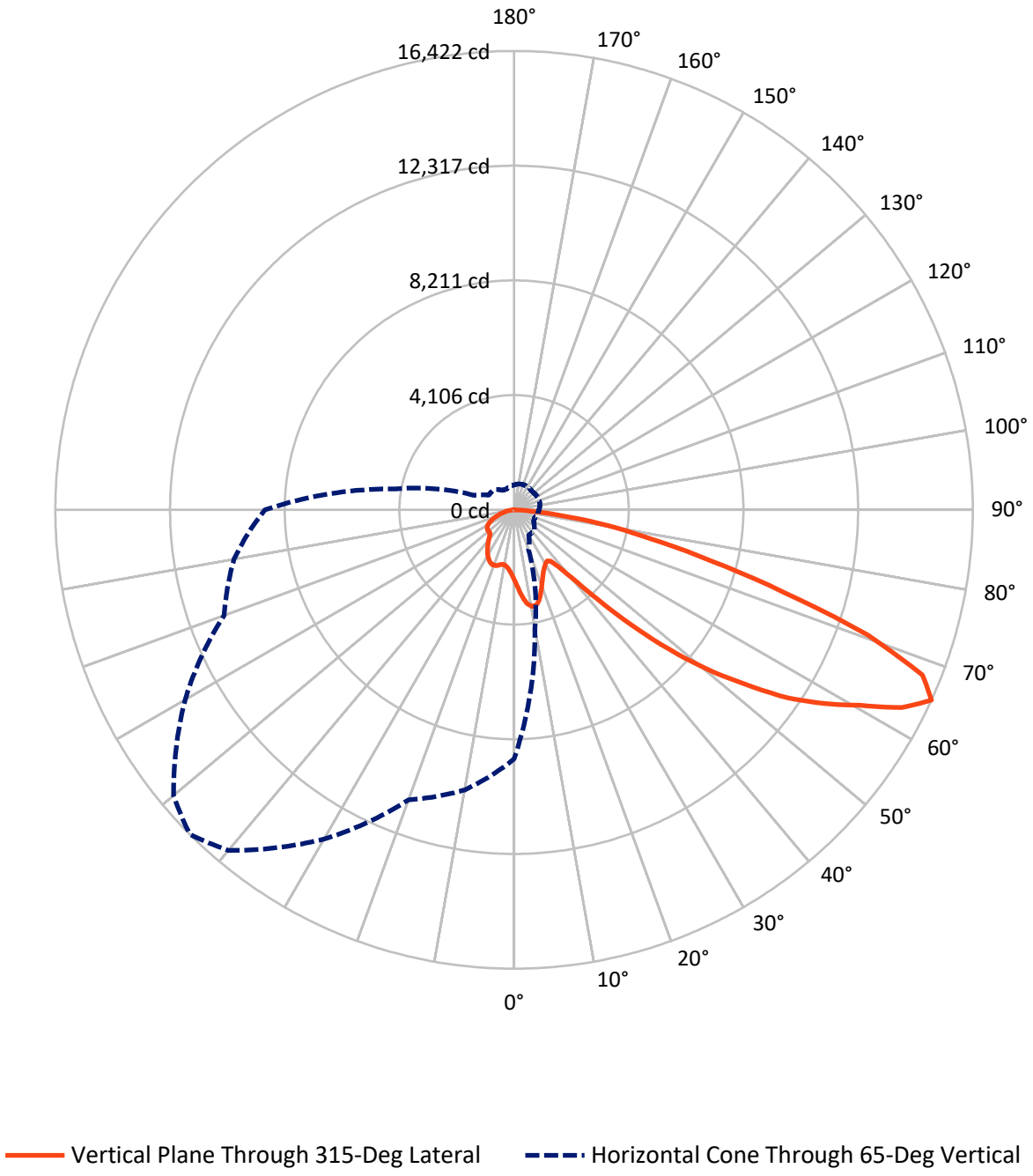
Based on 20 foot mounting height. Maximum calculated value = 7.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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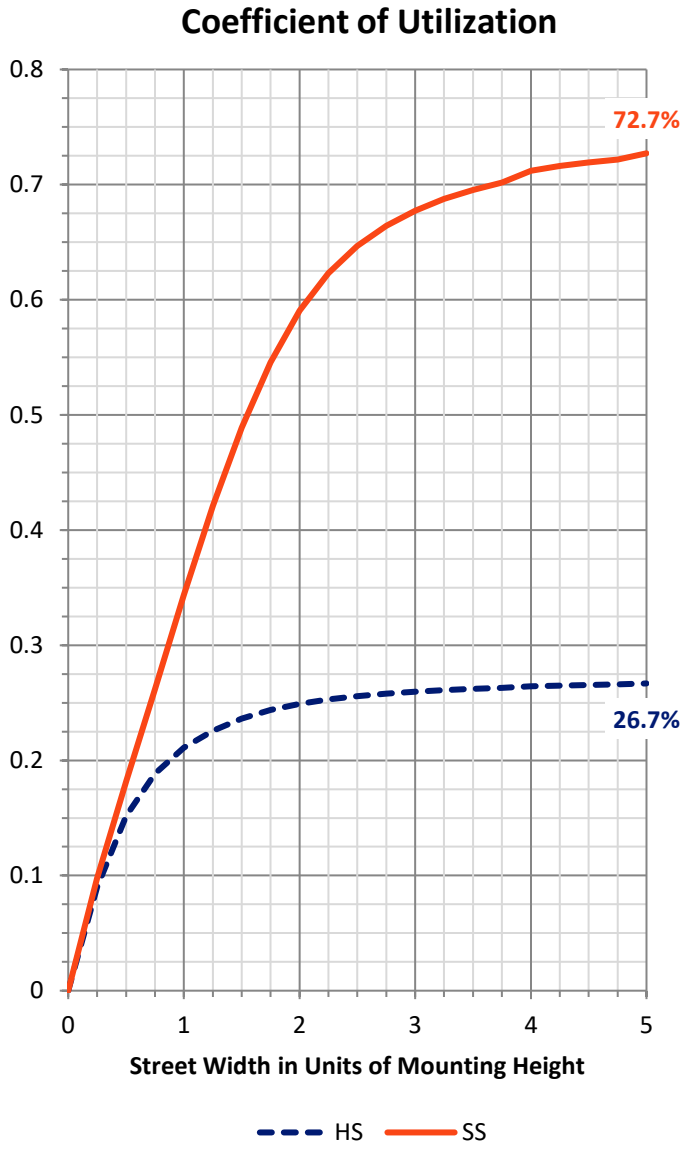
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4262.7	0.0	4262.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	11582.4	0.0	11582.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	15845.1	0.0	15845.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.5	1.6
10°-20°	764.5	4.8
20°-30°	1183.2	7.5
30°-40°	1468.0	9.3
40°-50°	2146.6	13.5
50°-60°	3362.5	21.2
60°-70°	3989.8	25.2
70°-80°	2327.0	14.7
80°-90°	354.0	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°	15845.1	100.0
0°-180°	15845.1	100.0



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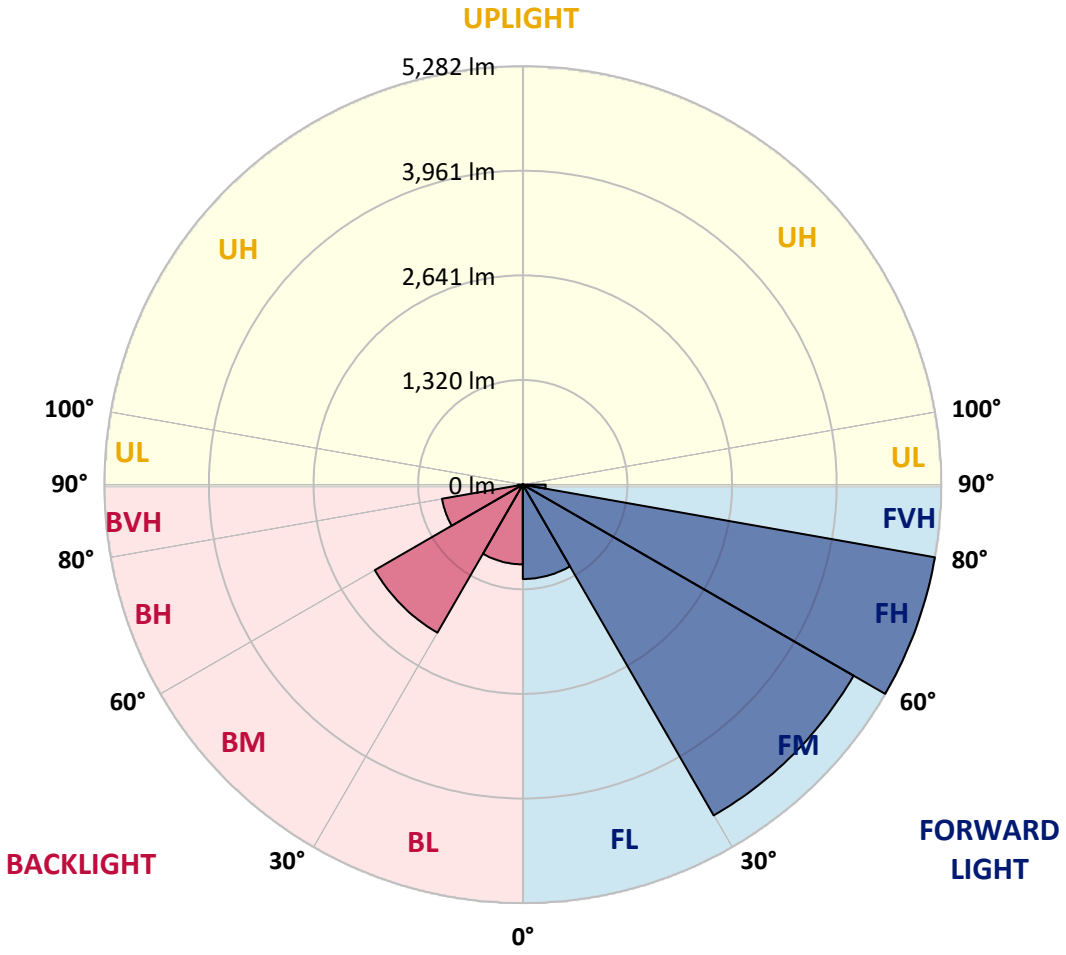
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1190.9	7.5			
FM	(30°-60°)	4820.4	30.4			
FH	(60°-80°)	5281.6	33.3			G3/7500
FVH	(80°-90°)	289.5	1.8			G3/500
BL	(0°-30°)	1006.3	6.4	B3/2500		
BM	(30°-60°)	2156.7	13.6	B2/2500		
BH	(60°-80°)	1035.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	64.5	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°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5
2.5°	2730.0	2705.2	2680.8	2658.3	2635.8	2613.3	2590.5	2568.8	2546.7	2524.6	2505.2
5°	2916.0	2872.2	2828.8	2783.1	2737.7	2693.2	2648.6	2606.4	2564.5	2520.7	2483.1
7.5°	3103.9	3030.3	2956.7	2887.3	2817.9	2755.9	2693.9	2638.5	2582.7	2524.6	2479.3
10°	3222.1	3134.1	3045.8	2959.8	2873.3	2797.0	2720.3	2656.3	2592.4	2530.4	2482.0
12.5°	3282.2	3194.6	3107.0	3010.5	2914.0	2828.4	2742.8	2672.2	2602.1	2534.3	2487.0
15°	3311.2	3222.5	3134.1	3036.1	2938.1	2845.8	2753.2	2673.8	2594.3	2518.8	2476.9
17.5°	3319.0	3236.0	3153.5	3048.9	2944.3	2838.9	2733.8	2641.2	2549.0	2460.7	2425.0
20°	3344.2	3260.5	3176.8	3064.4	2952.0	2828.4	2704.8	2583.1	2461.4	2344.4	2321.9
22.5°	3371.3	3294.6	3218.2	3094.6	2971.4	2820.3	2669.1	2516.5	2363.8	2224.3	2203.0
25°	3413.9	3347.6	3281.4	3146.5	3011.7	2819.5	2627.3	2437.0	2246.7	2086.7	2084.8
27.5°	3475.9	3425.2	3374.4	3222.5	3071.0	2826.8	2582.7	2355.6	2128.2	1964.6	1974.3
30°	3563.1	3523.2	3483.7	3312.4	3140.7	2842.7	2545.1	2284.7	2024.7	1865.8	1876.3
32.5°	3669.7	3644.9	3620.1	3418.2	3216.3	2860.6	2505.2	2222.7	1940.6	1794.1	1794.1
35°	3849.9	3818.9	3787.9	3530.6	3273.6	2856.3	2439.3	2152.2	1864.7	1751.5	1727.5
37.5°	4078.5	4041.7	4004.9	3667.7	3330.6	2844.3	2358.0	2073.9	1790.3	1701.1	1655.4
40°	4415.6	4343.1	4270.3	3824.7	3379.0	2817.2	2255.3	1980.5	1705.8	1635.3	1577.9
42.5°	4888.4	4734.9	4581.1	3998.3	3414.7	2770.3	2125.5	1869.3	1612.8	1563.6	1492.7
45°	5475.4	5229.4	4983.3	4233.9	3484.4	2738.1	1991.8	1756.2	1521.0	1476.4	1405.9
47.5°	6037.3	5725.8	5414.2	4476.1	3537.9	2700.5	1863.1	1643.8	1425.2	1373.7	1307.8
50°	6688.3	6265.9	5843.6	4687.3	3530.9	2636.6	1741.8	1543.8	1345.4	1274.9	1209.8
52.5°	7523.4	6852.6	6181.5	4787.2	3392.6	2505.6	1619.0	1453.9	1289.6	1199.3	1129.6
55°	8521.2	7442.0	6362.8	4760.9	3158.9	2332.0	1504.3	1378.7	1252.4	1162.5	1080.4
57.5°	9538.4	7936.9	6335.7	4617.1	2898.5	2150.3	1402.0	1315.2	1228.4	1152.8	1052.1
60°	10301.8	8158.5	6014.8	4272.6	2530.4	1920.5	1310.5	1249.7	1188.9	1129.6	1028.8
62.5°	9986.0	7666.8	5347.6	3708.0	2068.5	1629.1	1189.6	1155.5	1121.8	1096.6	1000.5
65°	*8920.3*	*6612.8*	*4305.2*	*2908.6*	*1512.0*	*1280.3*	*1048.2*	*1040.8*	*1033.9*	*1026.9*	*947.4*
67.5°	7920.6	5679.3	3437.9	2263.4	1088.9	978.8	868.8	889.3	909.9	920.3	866.1
70°	6963.5	4824.8	2686.2	1734.5	782.8	744.0	705.3	735.9	766.5	763.4	737.0
72.5°	5977.3	4006.4	2035.2	1304.0	572.7	572.0	571.6	594.8	618.1	587.1	603.7
75°	4894.2	3198.8	1503.5	966.4	429.4	426.6	424.3	451.8	479.7	492.1	503.0
77.5°	3255.0	2098.7	942.4	624.7	306.9	309.2	310.8	341.0	371.2	406.9	408.8
80°	1910.4	1203.2	496.0	345.3	194.5	196.9	198.4	230.2	261.6	311.9	310.0
82.5°	955.2	603.0	251.1	185.6	120.1	120.5	120.9	136.4	151.9	180.2	187.9
85°	217.0	143.4	69.8	58.9	48.4	50.8	53.5	63.6	73.6	89.1	93.8
87.5°	17.4	17.1	16.3	15.9	15.5	16.3	17.4	19.4	21.3	23.3	27.1
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°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5
2.5°	2484.3	2463.8	2447.5	2431.6	2417.6	2403.3	2386.6	2369.6	2357.6	2345.2	2337.0
5°	2445.9	2409.5	2379.3	2349.1	2324.3	2298.7	2276.2	2253.3	2235.5	2217.3	2202.6
7.5°	2433.9	2389.0	2349.8	2310.3	2277.0	2243.6	2215.7	2187.5	2160.7	2134.4	2117.3
10°	2434.3	2387.0	2346.7	2306.4	2271.2	2235.9	2199.1	2162.3	2132.8	2103.4	2077.8
12.5°	2447.5	2408.3	2380.1	2352.2	2319.6	2287.1	2243.3	2199.1	2159.2	2119.6	2088.3
15°	2451.4	2425.8	2423.5	2421.1	2409.9	2398.7	2358.0	2317.3	2262.2	2206.8	2161.9
17.5°	2421.5	2418.0	2456.4	2494.8	2516.8	2538.9	2510.6	2482.0	2404.5	2327.0	2259.9
20°	2344.0	2365.7	2440.9	2515.7	2575.4	2635.0	2631.9	2629.2	2528.1	2426.6	2338.6
22.5°	2235.5	2267.7	2365.7	2463.8	2549.8	2635.8	2657.9	2679.6	2580.4	2480.8	2372.3
25°	2120.0	2155.3	2246.0	2336.7	2429.3	2521.9	2563.0	2604.0	2522.3	2440.5	2335.1
27.5°	2008.0	2042.1	2109.6	2177.0	2251.4	2325.8	2371.9	2418.0	2368.0	2318.1	2232.8
30°	1902.6	1929.0	1977.8	2026.6	2077.0	2127.4	2164.2	2201.0	2168.1	2135.1	2073.9
32.5°	1805.4	1816.6	1848.4	1880.2	1917.8	1955.0	1975.5	1995.6	1970.1	1944.5	1904.2
35°	1718.2	1708.9	1729.8	1750.7	1781.0	1811.6	1827.1	1842.6	1821.3	1800.0	1763.9
37.5°	1630.6	1605.0	1615.1	1624.4	1650.4	1676.0	1698.0	1720.5	1705.0	1689.5	1658.9
40°	1540.7	1503.5	1502.7	1501.6	1526.4	1550.8	1578.7	1606.2	1603.5	1600.4	1571.3
42.5°	1445.4	1398.1	1393.1	1388.0	1412.5	1436.9	1466.3	1495.8	1501.6	1507.4	1483.4
45°	1357.0	1309.0	1301.2	1293.5	1314.4	1336.1	1368.3	1400.8	1414.4	1428.0	1406.3
47.5°	1266.4	1224.5	1219.9	1214.8	1236.9	1259.4	1295.0	1331.1	1345.4	1360.1	1345.4
50°	1175.7	1141.2	1147.0	1152.8	1177.2	1201.3	1229.2	1257.5	1284.2	1310.5	1307.8
52.5°	1104.0	1078.0	1096.2	1114.1	1136.2	1158.6	1187.7	1216.8	1244.7	1273.0	1277.2
55°	1051.7	1023.0	1048.6	1074.2	1100.9	1127.6	1154.8	1181.9	1208.2	1234.2	1240.0
57.5°	1011.8	971.9	997.4	1023.0	1052.1	1081.1	1108.3	1135.4	1166.0	1196.6	1201.3
60°	978.4	928.1	945.1	961.8	991.6	1021.1	1049.4	1077.3	1108.3	1139.3	1145.5
62.5°	934.7	868.8	871.1	872.7	906.4	939.7	962.9	986.2	1015.6	1045.5	1054.4
65°	*876.5*	*806.0*	*798.3*	*790.5*	*822.3*	*854.4*	*872.7*	*891.3*	*916.8*	*942.4*	*951.3*
67.5°	803.7	740.9	725.0	709.1	738.6	768.0	783.1	798.3	815.7	833.1	843.2
70°	699.8	662.6	652.6	642.5	666.5	690.5	703.7	716.9	730.8	744.8	750.2
72.5°	595.2	587.1	579.7	572.7	590.9	609.2	620.4	631.6	644.8	658.0	661.1
75°	498.3	494.1	488.6	483.6	497.6	511.5	520.0	528.9	542.5	556.1	561.9
77.5°	398.7	388.3	382.9	376.7	389.4	402.2	410.4	418.5	429.7	441.0	442.5
80°	297.6	284.8	280.6	275.9	285.2	294.5	297.6	300.3	309.6	318.5	318.5
82.5°	187.9	187.9	185.2	182.1	180.2	178.3	174.4	170.5	179.8	189.1	192.2
85°	94.6	94.9	90.7	86.0	80.6	74.4	73.2	71.7	71.3	70.5	73.2
87.5°	29.5	31.8	34.1	35.7	38.0	39.5	38.4	36.8	35.3	34.1	31.0
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°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5
2.5°	2328.9	2325.0	2321.2	2318.1	2315.3	2313.4	2315.3	2318.1	2321.2	2325.0	2328.9
5°	2187.5	2181.3	2174.7	2170.4	2166.1	2162.3	2166.1	2170.4	2174.7	2181.3	2187.5
7.5°	2100.3	2090.2	2080.1	2072.8	2065.4	2061.5	2065.4	2072.8	2080.1	2090.2	2100.3
10°	2053.0	2038.7	2024.7	2017.0	2009.2	2003.4	2009.2	2017.0	2024.7	2038.7	2053.0
12.5°	2056.9	2039.0	2022.0	2010.4	1998.7	1991.8	1998.7	2010.4	2022.0	2039.0	2056.9
15°	2116.5	2091.7	2066.2	2051.8	2037.5	2026.6	2037.5	2051.8	2066.2	2091.7	2116.5
17.5°	2193.3	2156.8	2120.4	2107.6	2094.5	2088.6	2094.5	2107.6	2120.4	2156.8	2193.3
20°	2250.6	2201.8	2153.7	2134.4	2115.0	2108.0	2115.0	2134.4	2153.7	2201.8	2250.6
22.5°	2263.8	2206.4	2148.7	2130.5	2111.9	2104.1	2111.9	2130.5	2148.7	2206.4	2263.8
25°	2230.1	2169.6	2108.8	2090.2	2071.2	2065.4	2071.2	2090.2	2108.8	2169.6	2230.1
27.5°	2147.5	2094.1	2040.2	2020.4	2000.3	1987.9	2000.3	2020.4	2040.2	2094.1	2147.5
30°	2013.1	1973.2	1933.6	1921.2	1908.5	1902.6	1908.5	1921.2	1933.6	1973.2	2013.1
32.5°	1863.9	1839.1	1814.3	1806.2	1798.0	1794.1	1798.0	1806.2	1814.3	1839.1	1863.9
35°	1728.3	1710.4	1692.6	1686.0	1679.8	1674.0	1679.8	1686.0	1692.6	1710.4	1728.3
37.5°	1628.3	1607.4	1585.7	1574.0	1562.4	1553.9	1562.4	1574.0	1585.7	1607.4	1628.3
40°	1542.3	1512.0	1482.2	1466.3	1450.0	1441.5	1450.0	1466.3	1482.2	1512.0	1542.3
42.5°	1459.0	1424.1	1389.2	1364.8	1340.8	1325.3	1340.8	1364.8	1389.2	1424.1	1459.0
45°	1384.2	1345.0	1305.9	1276.8	1247.8	1228.4	1247.8	1276.8	1305.9	1345.0	1384.2
47.5°	1331.1	1297.4	1263.3	1237.7	1212.1	1193.5	1212.1	1237.7	1263.3	1297.4	1331.1
50°	1305.1	1278.4	1251.6	1227.6	1203.2	1185.8	1203.2	1227.6	1251.6	1278.4	1305.1
52.5°	1281.9	1262.5	1243.1	1222.2	1201.3	1185.8	1201.3	1222.2	1243.1	1262.5	1281.9
55°	1245.8	1231.9	1217.5	1202.0	1186.5	1174.1	1186.5	1202.0	1217.5	1231.9	1245.8
57.5°	1205.9	1191.2	1176.1	1164.5	1152.8	1147.0	1152.8	1164.5	1176.1	1191.2	1205.9
60°	1151.7	1140.0	1128.4	1117.6	1106.3	1096.6	1106.3	1117.6	1128.4	1140.0	1151.7
62.5°	1063.7	1058.3	1053.2	1040.8	1028.8	1015.3	1028.8	1040.8	1053.2	1058.3	1063.7
65°	*960.2*	*957.5*	*955.2*	*946.3*	*937.8*	*922.3*	*937.8*	*946.3*	*955.2*	*957.5*	*960.2*
67.5°	853.3	848.2	842.8	833.5	824.6	821.5	824.6	833.5	842.8	848.2	853.3
70°	755.6	747.9	740.1	719.2	698.3	674.3	698.3	719.2	740.1	747.9	755.6
72.5°	664.6	652.6	640.2	615.7	590.9	565.8	590.9	615.7	640.2	652.6	664.6
75°	567.7	550.6	534.0	508.0	482.4	465.0	482.4	508.0	534.0	550.6	567.7
77.5°	444.9	430.1	415.4	399.9	384.4	375.9	384.4	399.9	415.4	430.1	444.9
80°	318.5	307.7	296.4	288.7	280.9	275.1	280.9	288.7	296.4	307.7	318.5
82.5°	195.7	190.7	186.0	177.5	168.6	162.8	168.6	177.5	186.0	190.7	195.7
85°	75.6	74.4	73.6	70.5	67.8	65.9	67.8	70.5	73.6	74.4	75.6
87.5°	27.9	25.6	23.3	21.7	20.2	19.4	20.2	21.7	23.3	25.6	27.9
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: P1364128
CATALOG NUMBER: GSS-SB3B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5
2.5°	2337.0	2345.2	2357.6	2369.6	2386.6	2403.3	2417.6	2431.6	2447.5	2463.8	2484.3
5°	2202.6	2217.3	2235.5	2253.3	2276.2	2298.7	2324.3	2349.1	2379.3	2409.5	2445.9
7.5°	2117.3	2134.4	2160.7	2187.5	2215.7	2243.6	2277.0	2310.3	2349.8	2389.0	2433.9
10°	2077.8	2103.4	2132.8	2162.3	2199.1	2235.9	2271.2	2306.4	2346.7	2387.0	2434.3
12.5°	2088.3	2119.6	2159.2	2199.1	2243.3	2287.1	2319.6	2352.2	2380.1	2408.3	2447.5
15°	2161.9	2206.8	2262.2	2317.3	2358.0	2398.7	2409.9	2421.1	2423.5	2425.8	2451.4
17.5°	2259.9	2327.0	2404.5	2482.0	2510.6	2538.9	2516.8	2494.8	2456.4	2418.0	2421.5
20°	2338.6	2426.6	2528.1	2629.2	2631.9	2635.0	2575.4	2515.7	2440.9	2365.7	2344.0
22.5°	2372.3	2480.8	2580.4	2679.6	2657.9	2635.8	2549.8	2463.8	2365.7	2267.7	2235.5
25°	2335.1	2440.5	2522.3	2604.0	2563.0	2521.9	2429.3	2336.7	2246.0	2155.3	2120.0
27.5°	2232.8	2318.1	2368.0	2418.0	2371.9	2325.8	2251.4	2177.0	2109.6	2042.1	2008.0
30°	2073.9	2135.1	2168.1	2201.0	2164.2	2127.4	2077.0	2026.6	1977.8	1929.0	1902.6
32.5°	1904.2	1944.5	1970.1	1995.6	1975.5	1955.0	1917.8	1880.2	1848.4	1816.6	1805.4
35°	1763.9	1800.0	1821.3	1842.6	1827.1	1811.6	1781.0	1750.7	1729.8	1708.9	1718.2
37.5°	1658.9	1689.5	1705.0	1720.5	1698.0	1676.0	1650.4	1624.4	1615.1	1605.0	1630.6
40°	1571.3	1600.4	1603.5	1606.2	1578.7	1550.8	1526.4	1501.6	1502.7	1503.5	1540.7
42.5°	1483.4	1507.4	1501.6	1495.8	1466.3	1436.9	1412.5	1388.0	1393.1	1398.1	1445.4
45°	1406.3	1428.0	1414.4	1400.8	1368.3	1336.1	1314.4	1293.5	1301.2	1309.0	1357.0
47.5°	1345.4	1360.1	1345.4	1331.1	1295.0	1259.4	1236.9	1214.8	1219.9	1224.5	1266.4
50°	1307.8	1310.5	1284.2	1257.5	1229.2	1201.3	1177.2	1152.8	1147.0	1141.2	1175.7
52.5°	1277.2	1273.0	1244.7	1216.8	1187.7	1158.6	1136.2	1114.1	1096.2	1078.0	1104.0
55°	1240.0	1234.2	1208.2	1181.9	1154.8	1127.6	1100.9	1074.2	1048.6	1023.0	1051.7
57.5°	1201.3	1196.6	1166.0	1135.4	1108.3	1081.1	1052.1	1023.0	997.4	971.9	1011.8
60°	1145.5	1139.3	1108.3	1077.3	1049.4	1021.1	991.6	961.8	945.1	928.1	978.4
62.5°	1054.4	1045.5	1015.6	986.2	962.9	939.7	906.4	872.7	871.1	868.8	934.7
65°	*951.3*	*942.4*	*916.8*	*891.3*	*872.7*	*854.4*	*822.3*	*790.5*	*798.3*	*806.0*	*876.5*
67.5°	843.2	833.1	815.7	798.3	783.1	768.0	738.6	709.1	725.0	740.9	803.7
70°	750.2	744.8	730.8	716.9	703.7	690.5	666.5	642.5	652.6	662.6	699.8
72.5°	661.1	658.0	644.8	631.6	620.4	609.2	590.9	572.7	579.7	587.1	595.2
75°	561.9	556.1	542.5	528.9	520.0	511.5	497.6	483.6	488.6	494.1	498.3
77.5°	442.5	441.0	429.7	418.5	410.4	402.2	389.4	376.7	382.9	388.3	398.7
80°	318.5	318.5	309.6	300.3	297.6	294.5	285.2	275.9	280.6	284.8	297.6
82.5°	192.2	189.1	179.8	170.5	174.4	178.3	180.2	182.1	185.2	187.9	187.9
85°	73.2	70.5	71.3	71.7	73.2	74.4	80.6	86.0	90.7	94.9	94.6
87.5°	31.0	34.1	35.3	36.8	38.4	39.5	38.0	35.7	34.1	31.8	29.5
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364128
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5
2.5°	2505.2	2524.6	2546.7	2568.8	2590.5	2613.3	2635.8	2658.3	2680.8	2705.2	2730.0
5°	2483.1	2520.7	2564.5	2606.4	2648.6	2693.2	2737.7	2783.1	2828.8	2872.2	2916.0
7.5°	2479.3	2524.6	2582.7	2638.5	2693.9	2755.9	2817.9	2887.3	2956.7	3030.3	3103.9
10°	2482.0	2530.4	2592.4	2656.3	2720.3	2797.0	2873.3	2959.8	3045.8	3134.1	3222.1
12.5°	2487.0	2534.3	2602.1	2672.2	2742.8	2828.4	2914.0	3010.5	3107.0	3194.6	3282.2
15°	2476.9	2518.8	2594.3	2673.8	2753.2	2845.8	2938.1	3036.1	3134.1	3222.5	3311.2
17.5°	2425.0	2460.7	2549.0	2641.2	2733.8	2838.9	2944.3	3048.9	3153.5	3236.0	3319.0
20°	2321.9	2344.4	2461.4	2583.1	2704.8	2828.4	2952.0	3064.4	3176.8	3260.5	3344.2
22.5°	2203.0	2224.3	2363.8	2516.5	2669.1	2820.3	2971.4	3094.6	3218.2	3294.6	3371.3
25°	2084.8	2086.7	2246.7	2437.0	2627.3	2819.5	3011.7	3146.5	3281.4	3347.6	3413.9
27.5°	1974.3	1964.6	2128.2	2355.6	2582.7	2826.8	3071.0	3222.5	3374.4	3425.2	3475.9
30°	1876.3	1865.8	2024.7	2284.7	2545.1	2842.7	3140.7	3312.4	3483.7	3523.2	3563.1
32.5°	1794.1	1794.1	1940.6	2222.7	2505.2	2860.6	3216.3	3418.2	3620.1	3644.9	3669.7
35°	1727.5	1751.5	1864.7	2152.2	2439.3	2856.3	3273.6	3530.6	3787.9	3818.9	3849.9
37.5°	1655.4	1701.1	1790.3	2073.9	2358.0	2844.3	3330.6	3667.7	4004.9	4041.7	4078.5
40°	1577.9	1635.3	1705.8	1980.5	2255.3	2817.2	3379.0	3824.7	4270.3	4343.1	4415.6
42.5°	1492.7	1563.6	1612.8	1869.3	2125.5	2770.3	3414.7	3998.3	4581.1	4734.9	4888.4
45°	1405.9	1476.4	1521.0	1756.2	1991.8	2738.1	3484.4	4233.9	4983.3	5229.4	5475.4
47.5°	1307.8	1373.7	1425.2	1643.8	1863.1	2700.5	3537.9	4476.1	5414.2	5725.8	6037.3
50°	1209.8	1274.9	1345.4	1543.8	1741.8	2636.6	3530.9	4687.3	5843.6	6265.9	6688.3
52.5°	1129.6	1199.3	1289.6	1453.9	1619.0	2505.6	3392.6	4787.2	6181.5	6852.6	7523.4
55°	1080.4	1162.5	1252.4	1378.7	1504.3	2332.0	3158.9	4760.9	6362.8	7442.0	8521.2
57.5°	1052.1	1152.8	1228.4	1315.2	1402.0	2150.3	2898.5	4617.1	6335.7	7936.9	9538.4
60°	1028.8	1129.6	1188.9	1249.7	1310.5	1920.5	2530.4	4272.6	6014.8	8158.5	10301.8
62.5°	1000.5	1096.6	1121.8	1155.5	1189.6	1629.1	2068.5	3708.0	5347.6	7666.8	9986.0
65°	*947.4*	*1026.9*	*1033.9*	*1040.8*	*1048.2*	*1280.3*	*1512.0*	*2908.6*	*4305.2*	*6612.8*	*8920.3*
67.5°	866.1	920.3	909.9	889.3	868.8	978.8	1088.9	2263.4	3437.9	5679.3	7920.6
70°	737.0	763.4	766.5	735.9	705.3	744.0	782.8	1734.5	2686.2	4824.8	6963.5
72.5°	603.7	587.1	618.1	594.8	571.6	572.0	572.7	1304.0	2035.2	4006.4	5977.3
75°	503.0	492.1	479.7	451.8	424.3	426.6	429.4	966.4	1503.5	3198.8	4894.2
77.5°	408.8	406.9	371.2	341.0	310.8	309.2	306.9	624.7	942.4	2098.7	3255.0
80°	310.0	311.9	261.6	230.2	198.4	196.9	194.5	345.3	496.0	1203.2	1910.4
82.5°	187.9	180.2	151.9	136.4	120.9	120.5	120.1	185.6	251.1	603.0	955.2
85°	93.8	89.1	73.6	63.6	53.5	50.8	48.4	58.9	69.8	143.4	217.0
87.5°	27.1	23.3	21.3	19.4	17.4	16.3	15.5	15.9	16.3	17.1	17.4
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

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REPORT NUMBER: P1364128
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	*2526.5*	2526.5	2526.5
2.5°	2739.7	2749.3	2759.8	2770.7	2776.9	2783.1	2789.6	2795.8	*2801.7*	2795.8	2789.6
5°	2959.8	3003.2	3032.6	3062.1	3084.5	3107.0	3119.8	3133.0	*3134.9*	3133.0	3119.8
7.5°	3155.8	3207.8	3252.7	3297.7	3326.3	3355.0	3371.7	3388.7	*3394.5*	3388.7	3371.7
10°	3282.9	3344.2	3387.6	3431.4	3458.1	3484.4	3497.6	3510.8	*3514.7*	3510.8	3497.6
12.5°	3340.7	3399.2	3432.9	3466.2	3483.3	3499.9	3506.1	3511.6	*3506.9*	3511.6	3506.1
15°	3345.7	3379.8	3394.1	3408.1	3400.0	3391.4	3379.4	3367.4	*3359.7*	3367.4	3379.4
17.5°	3331.0	3343.4	3317.4	3291.8	3245.3	3198.8	3164.0	3129.1	*3103.9*	3129.1	3164.0
20°	3324.8	3305.4	3236.4	3167.8	3080.7	2993.5	2935.0	2876.1	*2840.4*	2876.1	2935.0
22.5°	3316.6	3262.0	3146.1	3030.3	2910.9	2792.0	2724.5	2657.5	*2619.5*	2657.5	2724.5
25°	3320.1	3226.0	3069.4	2913.3	2773.0	2633.1	2559.9	2487.0	*2445.2*	2487.0	2559.9
27.5°	3332.5	3189.2	2995.4	2801.7	2649.8	2497.5	2427.7	2358.0	*2321.2*	2358.0	2427.7
30°	3372.8	3182.2	2950.5	2718.3	2559.5	2400.6	2332.4	2263.8	*2224.3*	2263.8	2332.4
32.5°	3429.4	3189.2	2929.5	2669.9	2507.9	2346.3	2280.9	2215.7	*2181.6*	2215.7	2280.9
35°	3545.7	3241.5	2953.6	2666.0	2515.7	2365.7	2317.7	2270.0	*2251.4*	2270.0	2317.7
37.5°	3723.1	3367.4	3071.0	2774.5	2672.2	2569.9	2569.9	2569.9	*2584.7*	2569.9	2569.9
40°	4016.5	3617.4	3336.8	3056.6	3050.4	3045.0	3110.1	3175.6	*3204.7*	3175.6	3110.1
42.5°	4466.4	4044.8	3818.5	3592.2	3727.8	3863.4	4051.7	4240.1	*4363.3*	4240.1	4051.7
45°	5064.7	4653.9	4495.8	4338.1	4640.0	4941.5	5274.3	5607.2	*5843.6*	5607.2	5274.3
47.5°	5691.7	5345.6	5255.3	5165.4	5667.2	6169.1	6656.9	7144.8	*7432.3*	7144.8	6656.9
50°	6377.5	6066.4	6048.9	6031.5	6699.9	7368.4	7998.1	8627.8	*8978.5*	8627.8	7998.1
52.5°	7182.0	6840.2	6854.2	6867.4	7661.3	8455.3	9216.8	9978.2	*10373.5*	9978.2	9216.8
55°	8093.0	7664.8	7662.5	7660.2	8572.4	9485.3	10420.8	11357.0	*11884.8*	11357.0	10420.8
57.5°	9137.4	8736.3	8641.0	8545.2	9499.3	10452.9	11486.0	12519.5	*13074.4*	12519.5	11486.0
60°	10080.9	9860.0	9707.4	9555.1	10534.7	11514.7	12581.9	13648.7	*14202.0*	13648.7	12581.9
62.5°	10380.9	10775.7	10764.5	10753.2	11810.7	12868.2	13978.1	15088.6	*15585.4*	15088.6	13978.1
65°	*9550.0*	*10179.7*	*10613.0*	*11045.8*	*12324.2*	*13602.2*	*14758.5*	*15914.8*	*16422.4*	*15914.8*	*14758.5*
67.5°	8475.5	9030.8	9385.4	9739.9	11180.3	12621.0	13933.1	15245.2	*15767.5*	15245.2	13933.1
70°	7578.0	8192.6	8446.0	8699.5	9923.2	11146.6	12184.7	13222.4	*13427.0*	13222.4	12184.7
72.5°	6708.1	7439.3	7546.6	7654.0	8544.5	9435.0	9987.9	10540.9	*10094.5*	10540.9	9987.9
75°	5718.8	6543.0	6614.7	6686.4	6963.8	7241.7	7382.3	7523.4	*7269.6*	7523.4	7382.3
77.5°	3968.8	4683.0	4843.8	5004.6	5189.5	5374.7	5365.0	5355.3	*4998.8*	5355.3	5365.0
80°	2468.8	3027.2	3048.1	3069.0	3207.8	3346.1	3487.5	3629.0	*3402.3*	3629.0	3487.5
82.5°	1261.7	1568.6	1615.9	1663.2	1748.0	1832.9	1872.4	1912.3	*1720.5*	1912.3	1872.4
85°	296.8	376.7	453.8	530.9	620.0	709.1	699.1	689.0	*581.3*	689.0	699.1
87.5°	17.8	18.6	19.0	19.4	19.8	20.2	21.3	22.5	*23.3*	22.5	21.3
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
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REPORT NUMBER: P1364128
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5	2526.5
2.5°	2783.1	2776.9	2770.7	2759.8	2749.3	2739.7	2730.0
5°	3107.0	3084.5	3062.1	3032.6	3003.2	2959.8	2916.0
7.5°	3355.0	3326.3	3297.7	3252.7	3207.8	3155.8	3103.9
10°	3484.4	3458.1	3431.4	3387.6	3344.2	3282.9	3222.1
12.5°	3499.9	3483.3	3466.2	3432.9	3399.2	3340.7	3282.2
15°	3391.4	3400.0	3408.1	3394.1	3379.8	3345.7	3311.2
17.5°	3198.8	3245.3	3291.8	3317.4	3343.4	3331.0	3319.0
20°	2993.5	3080.7	3167.8	3236.4	3305.4	3324.8	3344.2
22.5°	2792.0	2910.9	3030.3	3146.1	3262.0	3316.6	3371.3
25°	2633.1	2773.0	2913.3	3069.4	3226.0	3320.1	3413.9
27.5°	2497.5	2649.8	2801.7	2995.4	3189.2	3332.5	3475.9
30°	2400.6	2559.5	2718.3	2950.5	3182.2	3372.8	3563.1
32.5°	2346.3	2507.9	2669.9	2929.5	3189.2	3429.4	3669.7
35°	2365.7	2515.7	2666.0	2953.6	3241.5	3545.7	3849.9
37.5°	2569.9	2672.2	2774.5	3071.0	3367.4	3723.1	4078.5
40°	3045.0	3050.4	3056.6	3336.8	3617.4	4016.5	4415.6
42.5°	3863.4	3727.8	3592.2	3818.5	4044.8	4466.4	4888.4
45°	4941.5	4640.0	4338.1	4495.8	4653.9	5064.7	5475.4
47.5°	6169.1	5667.2	5165.4	5255.3	5345.6	5691.7	6037.3
50°	7368.4	6699.9	6031.5	6048.9	6066.4	6377.5	6688.3
52.5°	8455.3	7661.3	6867.4	6854.2	6840.2	7182.0	7523.4
55°	9485.3	8572.4	7660.2	7662.5	7664.8	8093.0	8521.2
57.5°	10452.9	9499.3	8545.2	8641.0	8736.3	9137.4	9538.4
60°	11514.7	10534.7	9555.1	9707.4	9860.0	10080.9	10301.8
62.5°	12868.2	11810.7	10753.2	10764.5	10775.7	10380.9	9986.0
65°	*13602.2*	*12324.2*	*11045.8*	*10613.0*	*10179.7*	*9550.0*	*8920.3*
67.5°	12621.0	11180.3	9739.9	9385.4	9030.8	8475.5	7920.6
70°	11146.6	9923.2	8699.5	8446.0	8192.6	7578.0	6963.5
72.5°	9435.0	8544.5	7654.0	7546.6	7439.3	6708.1	5977.3
75°	7241.7	6963.8	6686.4	6614.7	6543.0	5718.8	4894.2
77.5°	5374.7	5189.5	5004.6	4843.8	4683.0	3968.8	3255.0
80°	3346.1	3207.8	3069.0	3048.1	3027.2	2468.8	1910.4
82.5°	1832.9	1748.0	1663.2	1615.9	1568.6	1261.7	955.2
85°	709.1	620.0	530.9	453.8	376.7	296.8	217.0
87.5°	20.2	19.8	19.4	19.0	18.6	17.8	17.4
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

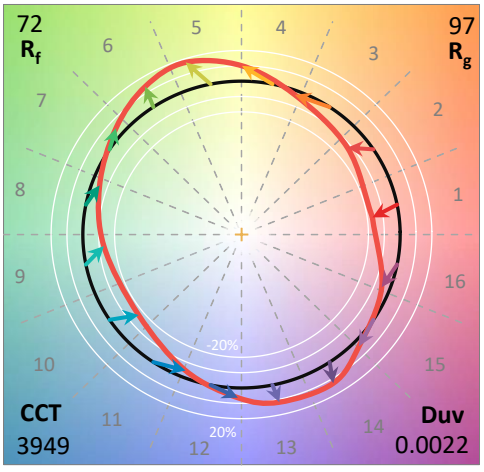
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Version: v7.04

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

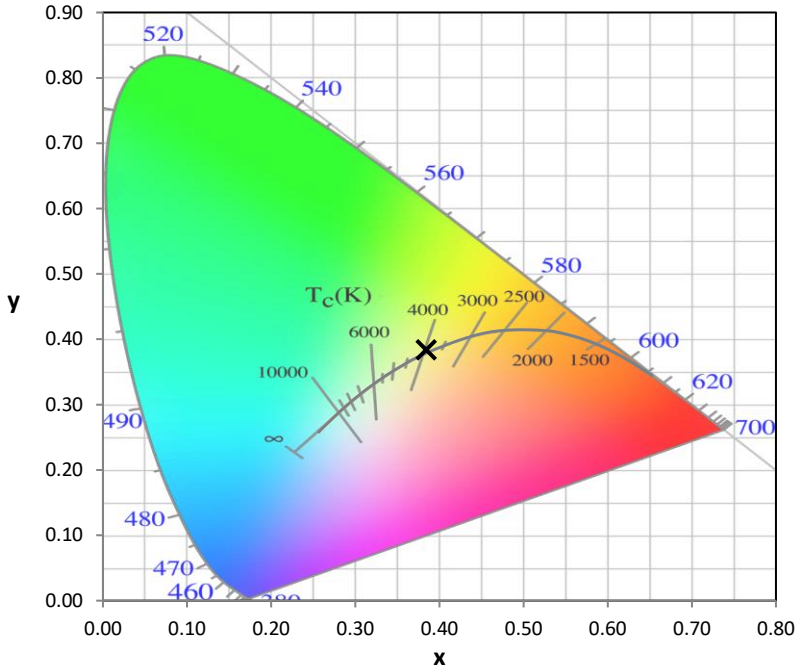
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

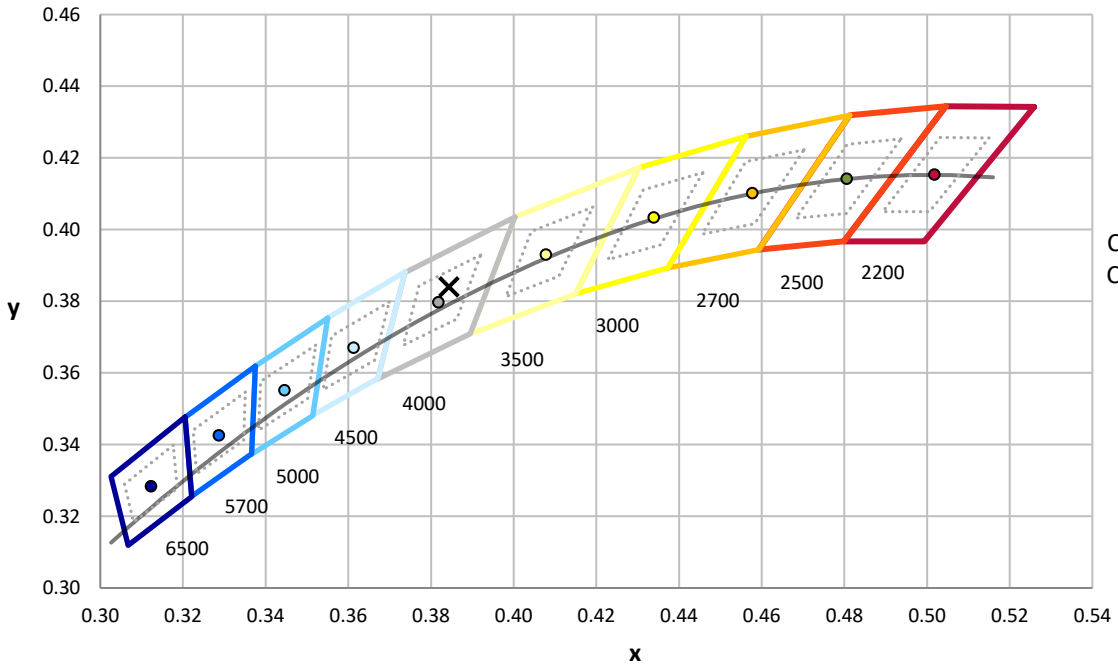
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

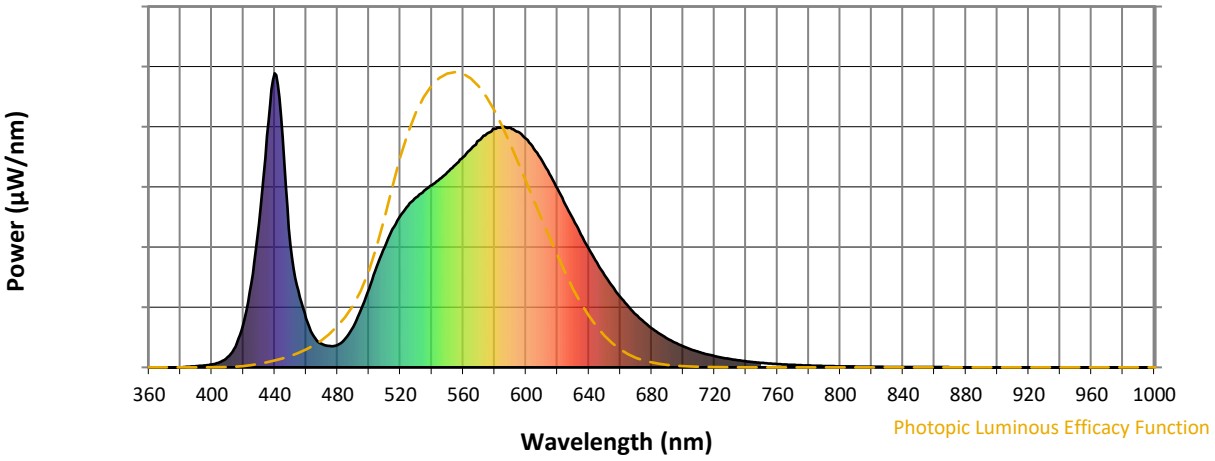


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

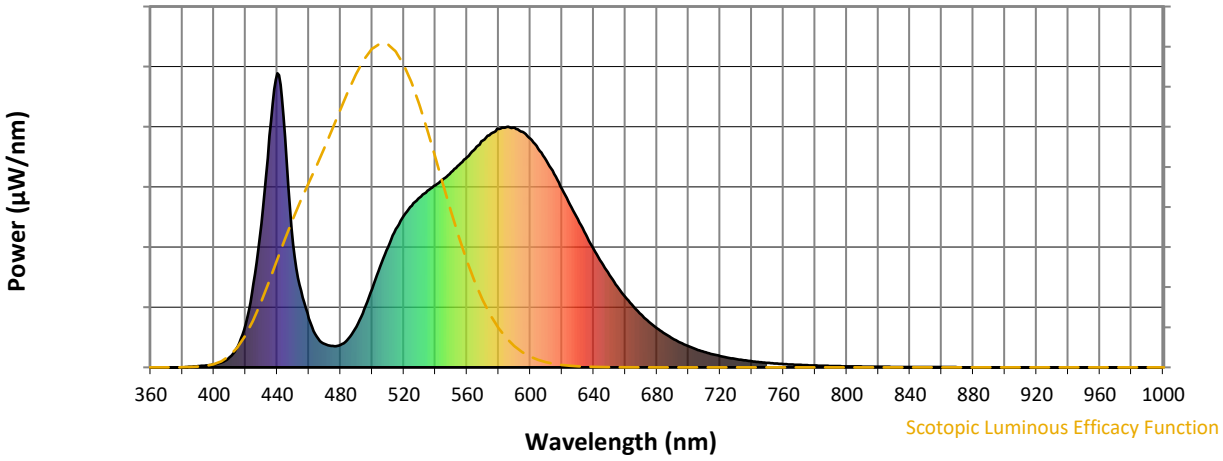


Photopic Lumens: NR

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

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Scotopic Flux vs. Wavelength

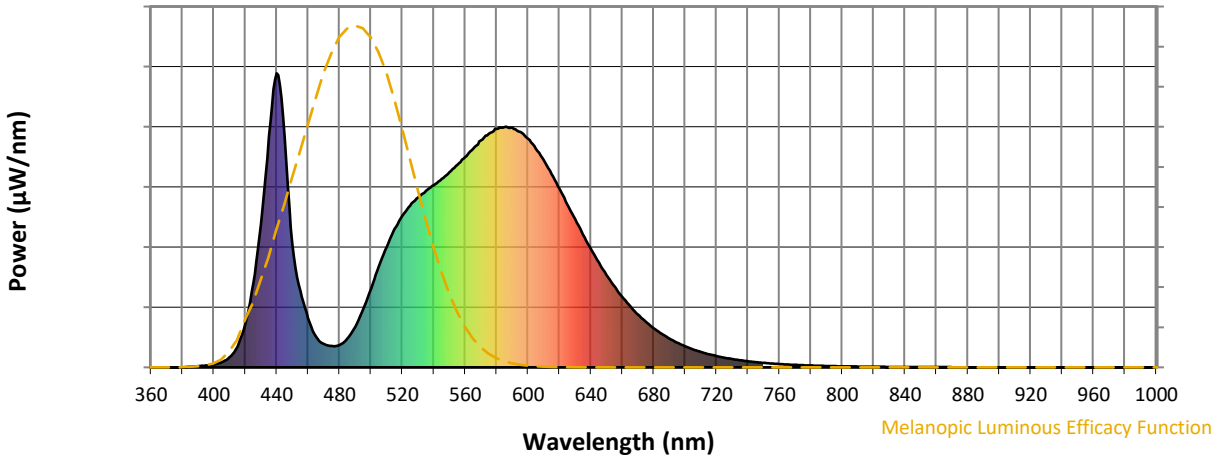


Scotopic Lumens: NR **S/P: 1.47**

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			

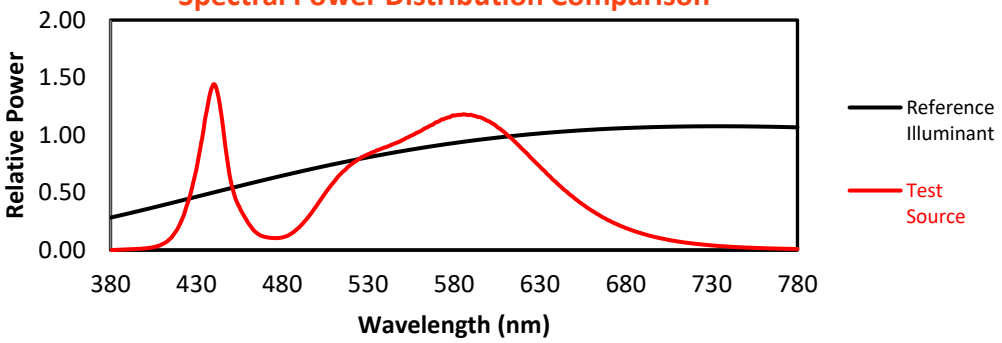
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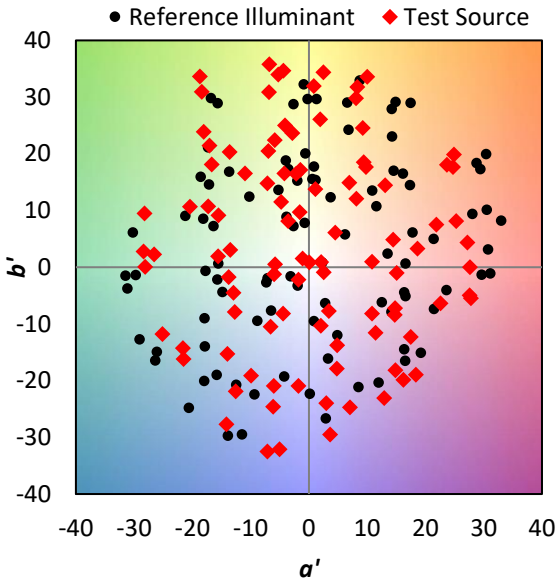
Summary

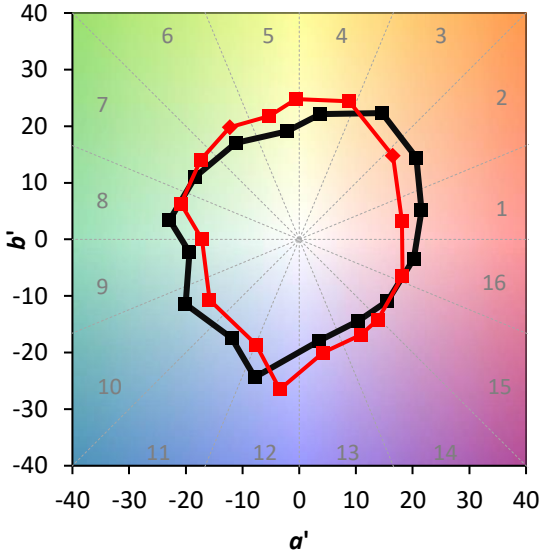
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

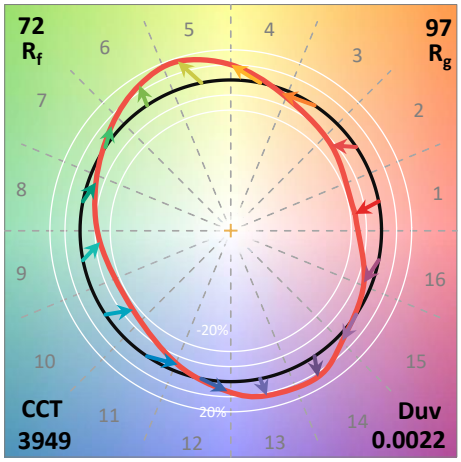
Spectral Power Distribution Comparison

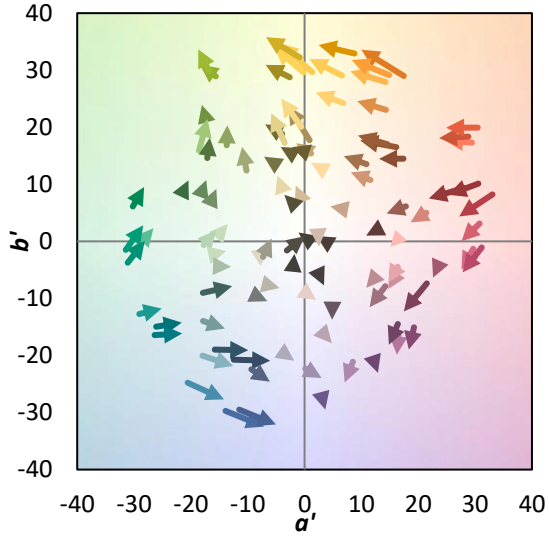


Color Vector Graphics







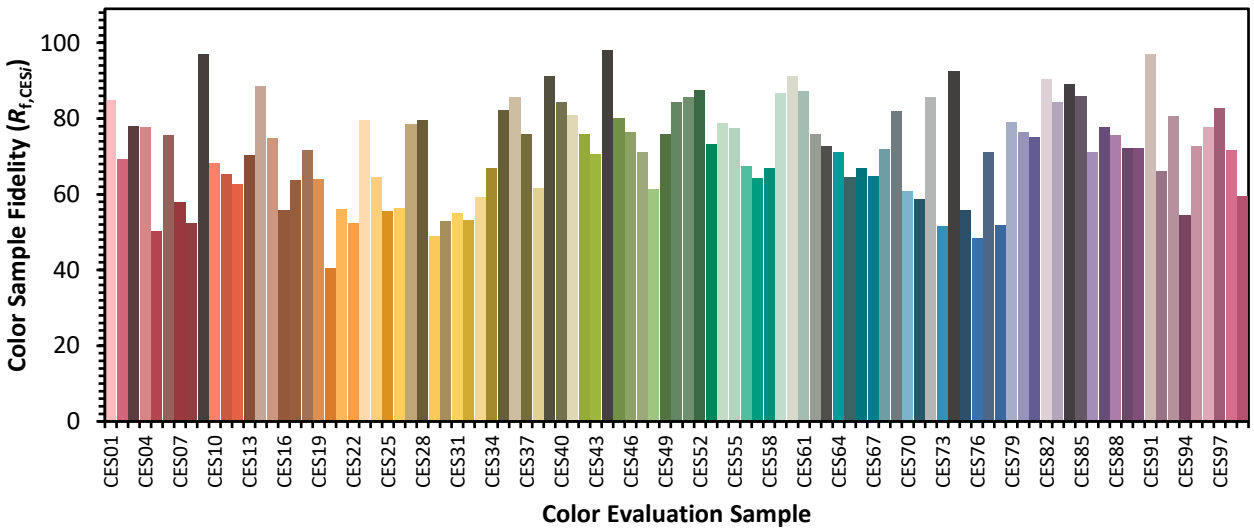


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Individual Sample Fidelity Index ($R_{f,i}$)

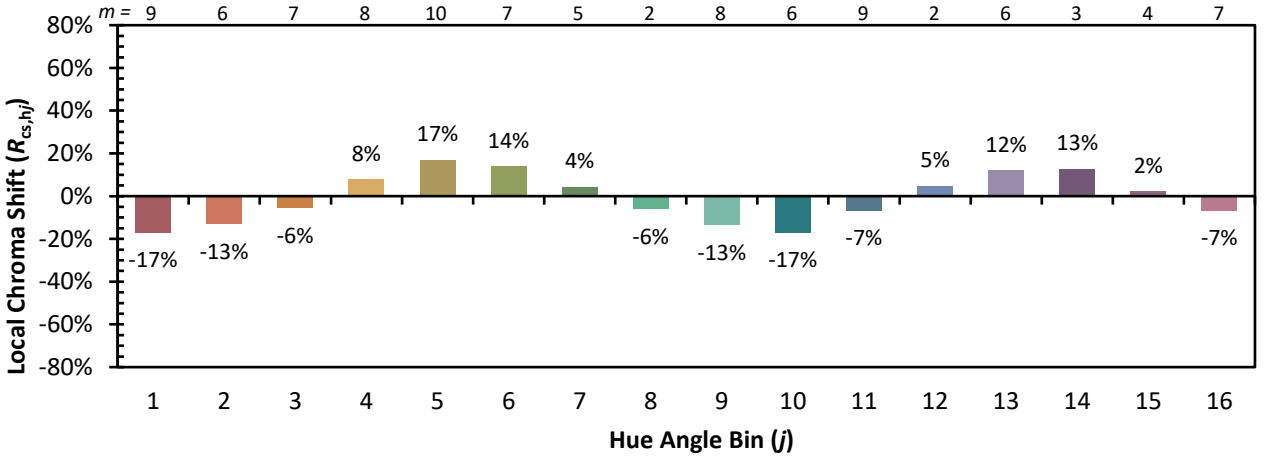
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

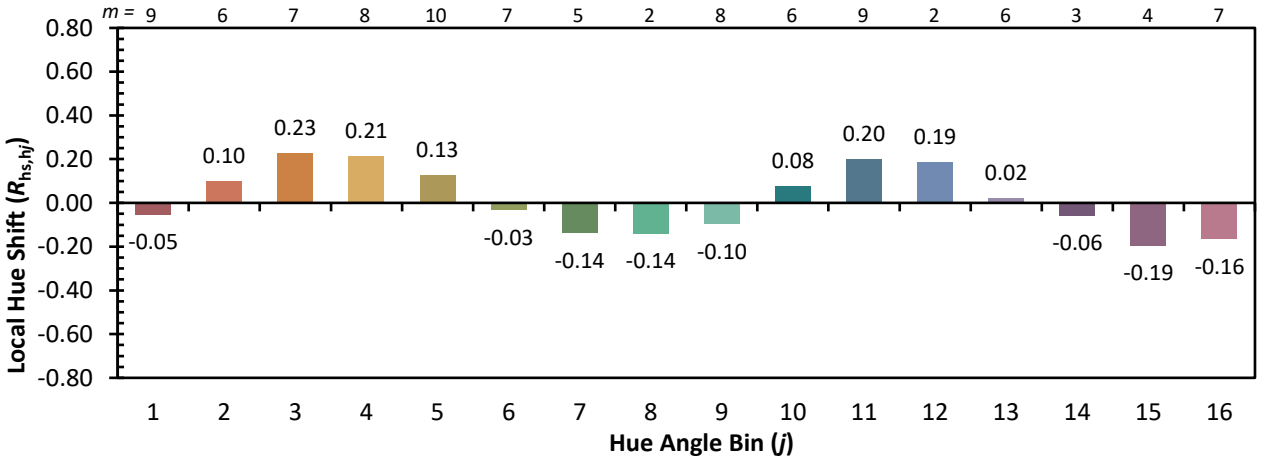


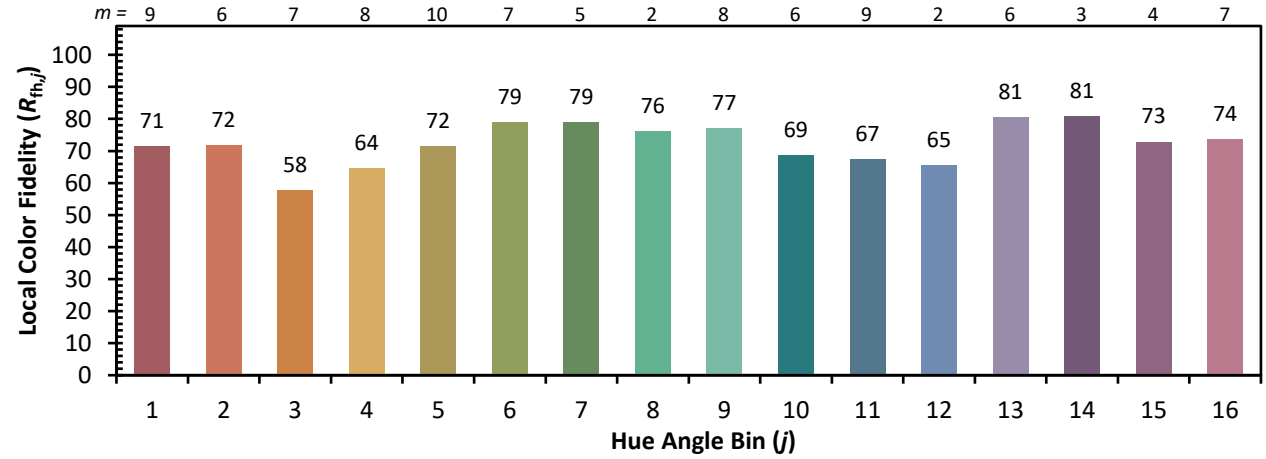
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Color Rendition by Hue-Angle Bin



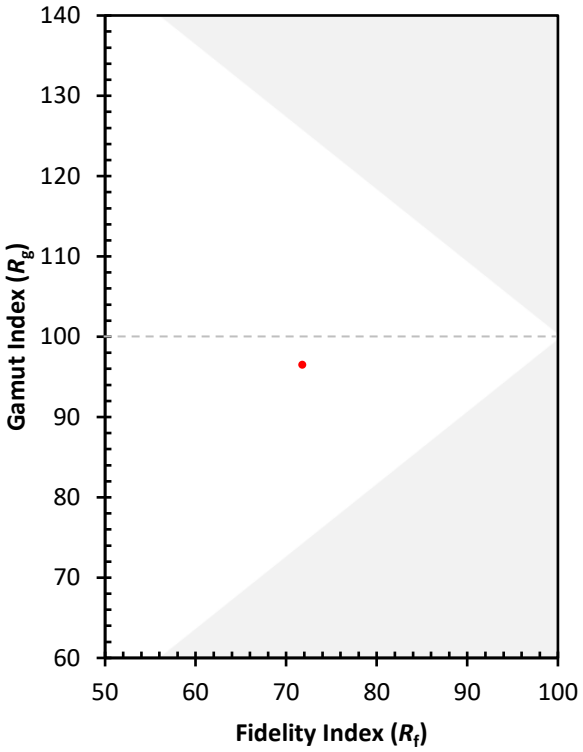


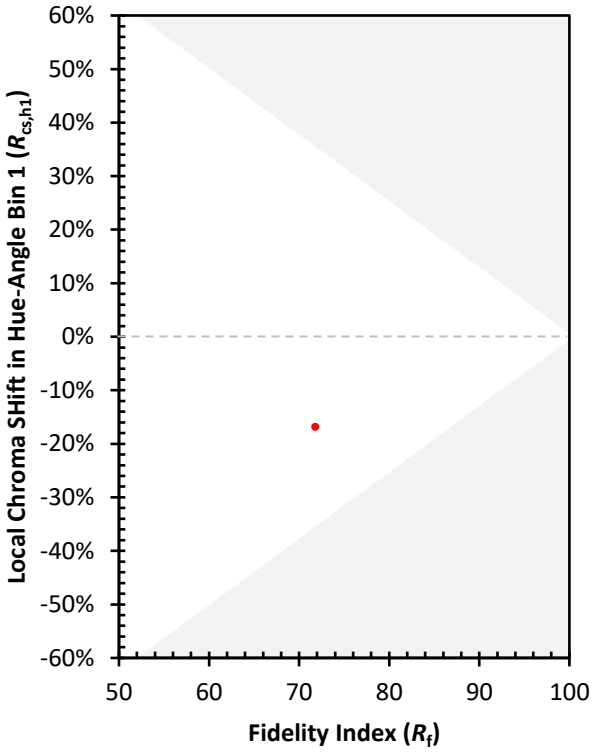


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Measure Comparisons





(END OF REPORT)