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: P1364129

Luminaire Tested: **GSS-SB3C-740-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364129
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-740-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 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:	20895.2 lumens
Efficiency:	N/A
Efficacy:	139.3 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

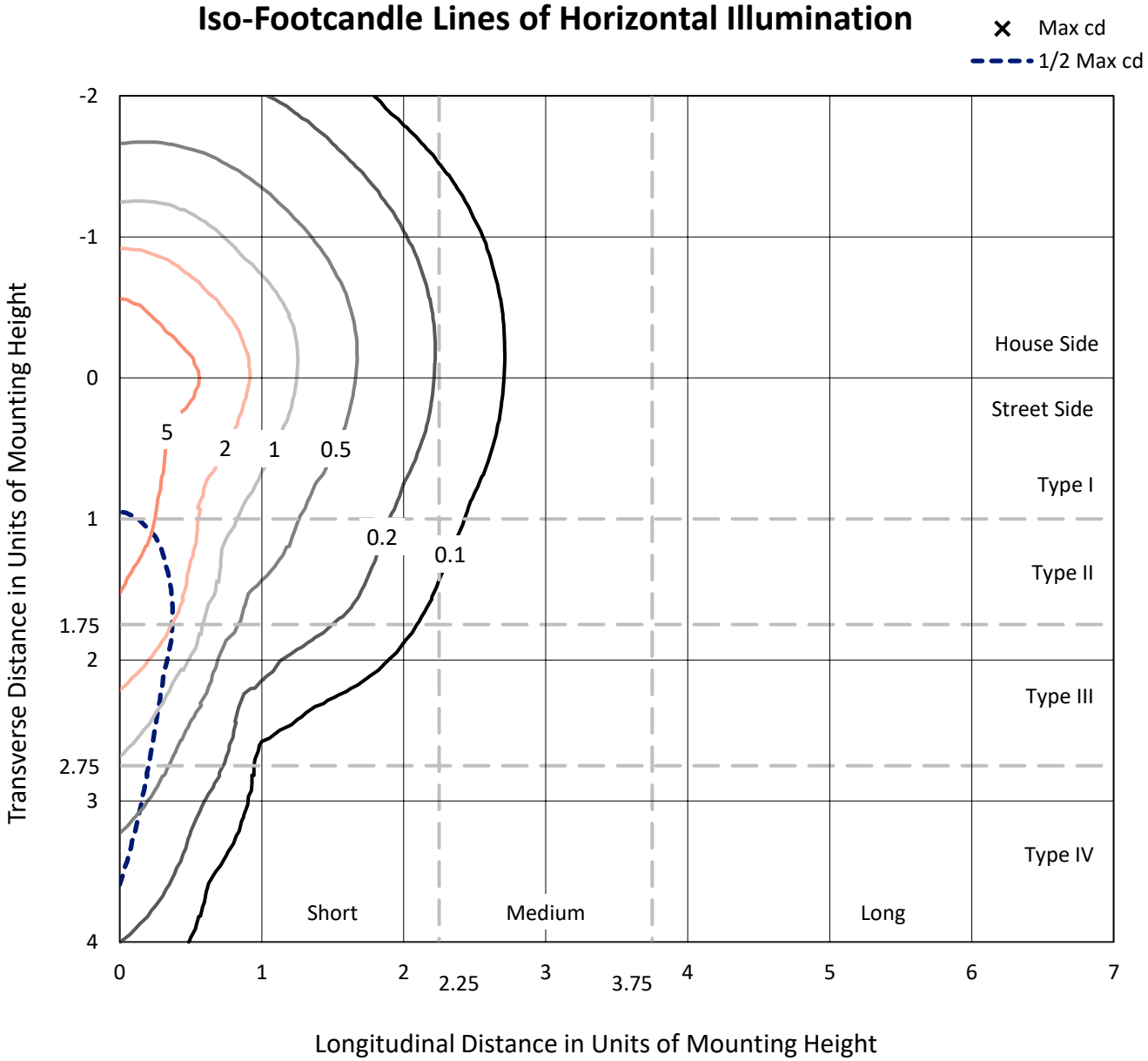
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

Iso-Footcandle Lines of Horizontal Illumination



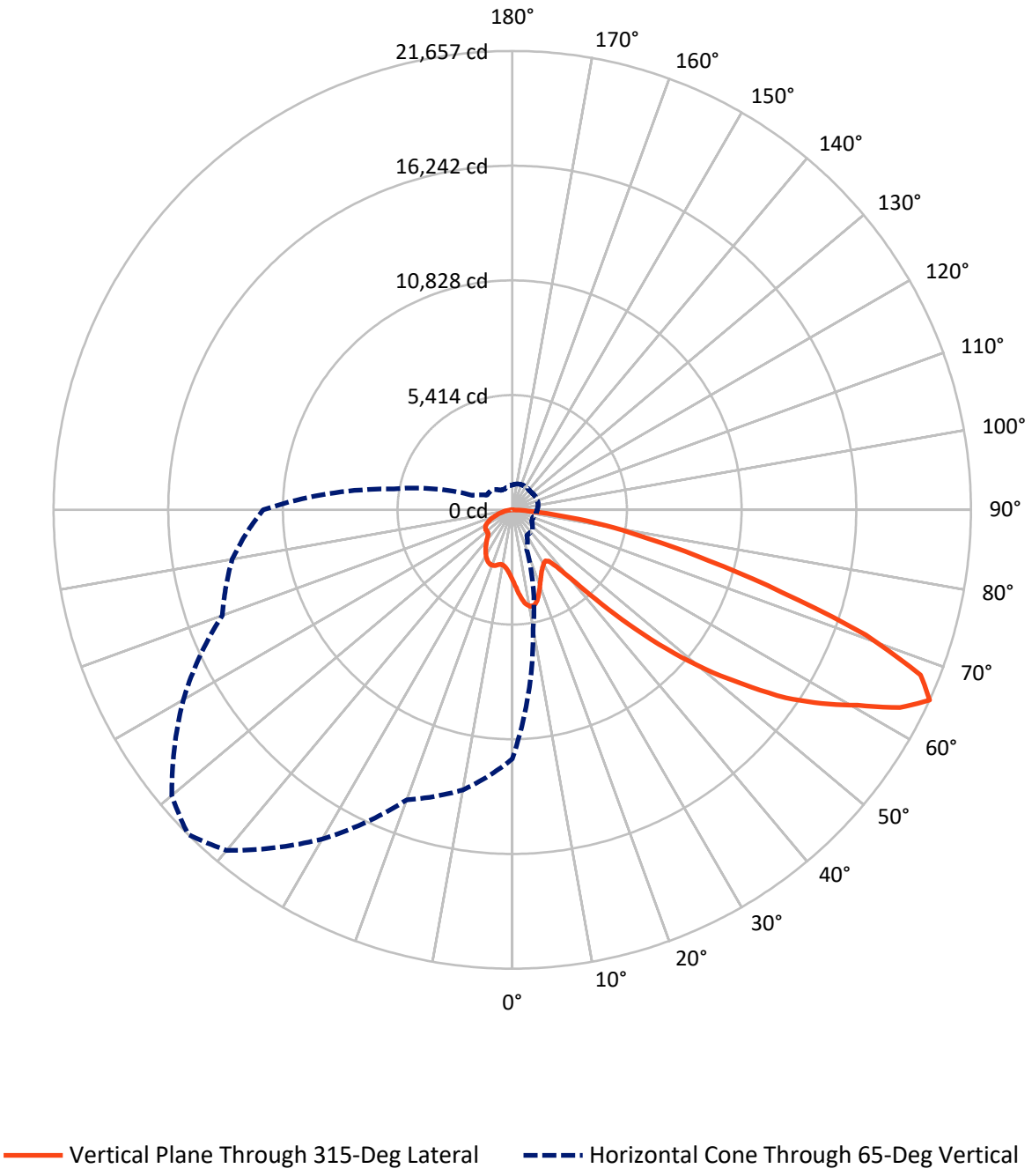
Based on 20 foot mounting height. Maximum calculated value = 9.9 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

Luminous Intensity Polar Plot



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

Scaled Data Report

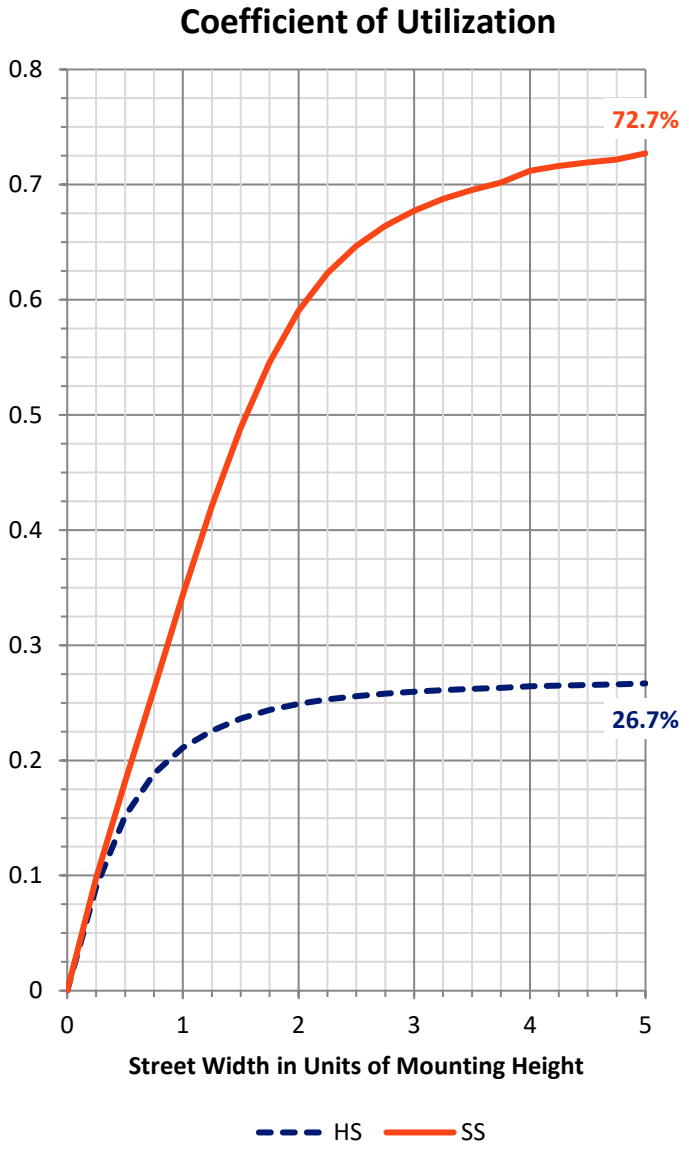
REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5621.3	0.0	5621.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	15273.9	0.0	15273.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	20895.2	0.0	20895.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.0	1.6
10°-20°	1008.2	4.8
20°-30°	1560.3	7.5
30°-40°	1935.8	9.3
40°-50°	2830.8	13.5
50°-60°	4434.1	21.2
60°-70°	5261.4	25.2
70°-80°	3068.7	14.7
80°-90°	466.8	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°	20895.2	100.0
0°-180°	20895.2	100.0



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

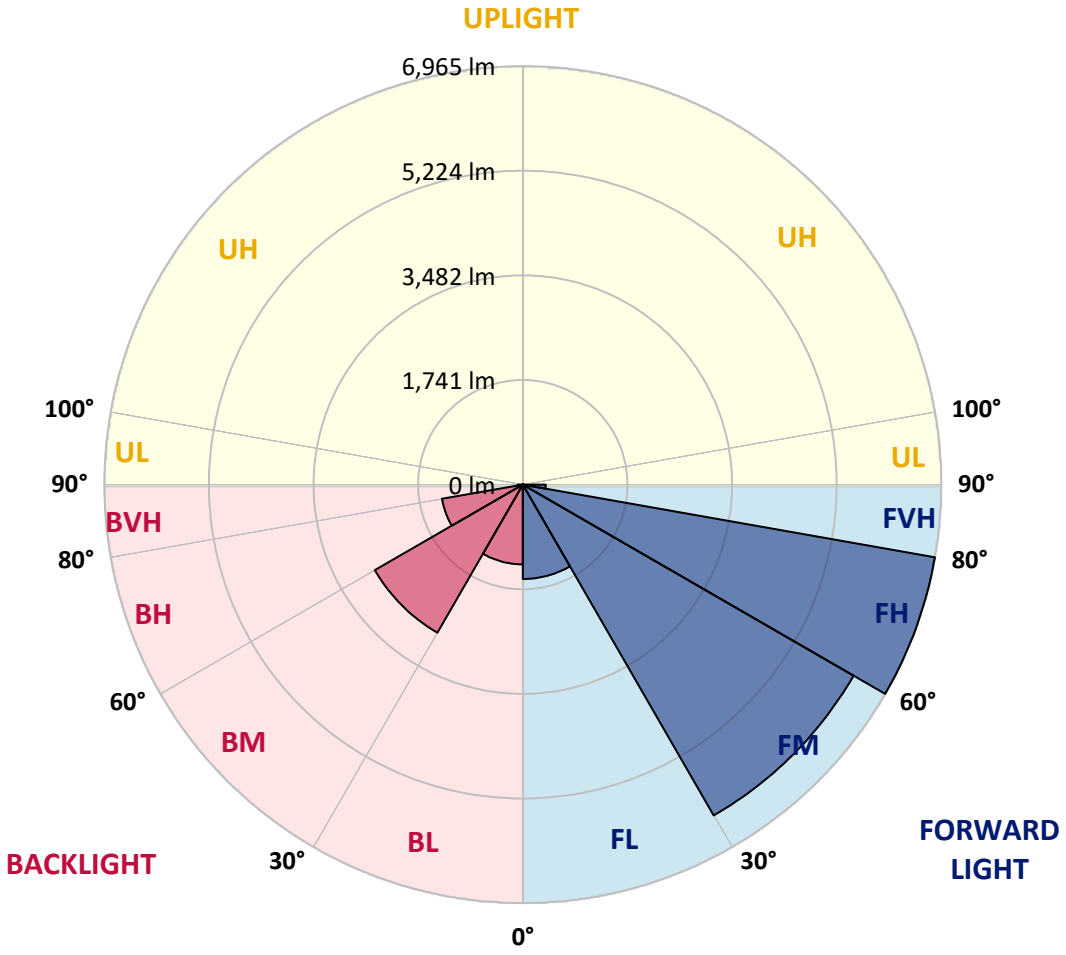
Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1570.5	7.5			
FM	(30°-60°)	6356.7	30.4			
FH	(60°-80°)	6964.9	33.3			G3/7500
FVH	(80°-90°)	381.8	1.8			G3/500
BL	(0°-30°)	1327.0	6.4	B3/2500		
BM	(30°-60°)	2844.1	13.6	B3/5000		
BH	(60°-80°)	1365.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	85.0	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



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

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8
2.5°	3600.1	3567.4	3535.2	3505.5	3475.9	3446.2	3416.1	3387.5	3358.3	3329.2	3303.7
5°	3845.3	3787.6	3730.4	3670.1	3610.3	3551.5	3492.7	3437.0	3381.9	3324.1	3274.5
7.5°	4093.2	3996.1	3899.0	3807.5	3716.1	3634.3	3552.5	3479.5	3405.9	3329.2	3269.4
10°	4249.0	4133.0	4016.5	3903.1	3789.1	3688.5	3587.3	3503.0	3418.6	3336.9	3273.0
12.5°	4328.2	4212.8	4097.3	3970.0	3842.8	3729.9	3616.9	3523.9	3431.4	3342.0	3279.7
15°	4366.6	4249.5	4133.0	4003.8	3874.5	3752.8	3630.7	3526.0	3421.2	3321.6	3266.4
17.5°	4376.8	4267.4	4158.6	4020.6	3882.6	3743.6	3605.2	3483.0	3361.4	3244.9	3197.9
20°	4410.0	4299.6	4189.2	4041.1	3892.9	3729.9	3566.8	3406.4	3245.9	3091.6	3062.0
22.5°	4445.8	4344.6	4243.9	4080.9	3918.4	3719.1	3519.8	3318.5	3117.2	2933.2	2905.1
25°	4502.0	4414.6	4327.2	4149.4	3971.6	3718.1	3464.6	3213.7	2962.8	2751.8	2749.2
27.5°	4583.7	4516.8	4449.9	4249.5	4049.7	3727.8	3405.9	3106.4	2806.5	2590.8	2603.6
30°	4698.7	4646.1	4594.0	4368.1	4141.7	3748.8	3356.3	3012.9	2670.0	2460.5	2474.3
32.5°	4839.3	4806.5	4773.8	4507.6	4241.4	3772.3	3303.7	2931.1	2559.1	2366.0	2366.0
35°	5076.9	5036.0	4995.1	4655.8	4317.0	3766.6	3216.8	2838.1	2459.0	2309.8	2278.1
37.5°	5378.4	5329.8	5281.3	4836.7	4392.1	3750.8	3109.5	2734.9	2360.9	2243.3	2183.0
40°	5822.9	5727.4	5631.3	5043.7	4456.0	3715.0	2974.1	2611.8	2249.5	2156.5	2080.8
42.5°	6446.4	6244.0	6041.1	5272.6	4503.0	3653.2	2802.9	2465.1	2126.8	2061.9	1968.4
45°	7220.6	6896.1	6571.6	5583.3	4595.0	3610.8	2626.6	2315.9	2005.7	1946.9	1853.9
47.5°	7961.5	7550.7	7139.8	5902.7	4665.5	3561.2	2456.9	2167.7	1879.5	1811.5	1724.7
50°	8820.0	8263.0	7706.0	6181.2	4656.3	3476.9	2297.0	2035.9	1774.2	1681.2	1595.4
52.5°	9921.2	9036.7	8151.6	6313.0	4473.9	3304.2	2135.0	1917.3	1700.6	1581.6	1489.6
55°	11237.1	9813.9	8390.8	6278.3	4165.7	3075.2	1983.7	1818.2	1651.6	1533.0	1424.7
57.5°	12578.5	10466.5	8355.0	6088.7	3822.3	2835.6	1848.8	1734.4	1619.9	1520.3	1387.4
60°	13585.2	10758.8	7931.9	5634.4	3336.9	2532.6	1728.2	1648.0	1567.8	1489.6	1356.7
62.5°	13168.7	10110.3	7051.9	4889.8	2727.8	2148.3	1568.8	1523.8	1479.4	1446.2	1319.4
65°	*11763.4*	*8720.4*	*5677.3*	*3835.6*	*1994.0*	*1688.4*	*1382.3*	*1372.6*	*1363.4*	*1354.2*	*1249.4*
67.5°	10445.0	7489.3	4533.7	2984.8	1435.9	1290.8	1145.7	1172.8	1199.8	1213.6	1142.1
70°	9182.8	6362.6	3542.3	2287.3	1032.2	981.1	930.0	970.4	1010.8	1006.7	971.9
72.5°	7882.3	5283.3	2683.8	1719.5	755.3	754.2	753.7	784.4	815.1	774.2	796.2
75°	6454.0	4218.4	1982.7	1274.5	566.2	562.6	559.6	595.8	632.6	649.0	663.3
77.5°	4292.5	2767.6	1242.8	823.7	404.7	407.8	409.8	449.7	489.5	536.6	539.1
80°	2519.3	1586.7	654.1	455.3	256.5	259.6	261.6	303.5	344.9	411.4	408.8
82.5°	1259.6	795.1	331.1	244.8	158.4	158.9	159.4	179.9	200.3	237.6	247.8
85°	286.2	189.1	92.0	77.7	63.9	66.9	70.5	83.8	97.1	117.5	123.7
87.5°	23.0	22.5	21.5	21.0	20.4	21.5	23.0	25.6	28.1	30.7	35.8
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8
2.5°	3276.1	3249.0	3227.5	3206.6	3188.2	3169.3	3147.3	3124.8	3109.0	3092.6	3081.9
5°	3225.5	3177.5	3137.6	3097.7	3065.0	3031.3	3001.7	2971.5	2948.0	2924.0	2904.6
7.5°	3209.6	3150.4	3098.8	3046.6	3002.7	2958.7	2921.9	2884.6	2849.4	2814.6	2792.2
10°	3210.2	3147.8	3094.7	3041.5	2995.0	2948.5	2900.0	2851.4	2812.6	2773.8	2740.0
12.5°	3227.5	3175.9	3138.6	3101.8	3058.9	3016.0	2958.2	2900.0	2847.3	2795.2	2753.8
15°	3232.6	3198.9	3195.8	3192.8	3178.0	3163.1	3109.5	3055.8	2983.3	2910.2	2850.9
17.5°	3193.3	3188.7	3239.3	3289.9	3319.0	3348.1	3310.8	3273.0	3170.8	3068.6	2980.2
20°	3091.1	3119.7	3218.8	3317.5	3396.2	3474.9	3470.8	3467.2	3333.8	3199.9	3083.9
22.5°	2948.0	2990.4	3119.7	3249.0	3362.4	3475.9	3505.0	3533.6	3402.8	3271.5	3128.4
25°	2795.7	2842.2	2961.8	3081.4	3203.5	3325.6	3379.8	3434.0	3326.2	3218.3	3079.3
27.5°	2648.0	2693.0	2781.9	2870.8	2969.0	3067.1	3127.9	3188.7	3122.8	3056.9	2944.4
30°	2509.1	2543.8	2608.2	2672.6	2739.0	2805.4	2854.0	2902.5	2859.1	2815.7	2734.9
32.5°	2380.8	2395.6	2437.5	2479.4	2529.0	2578.0	2605.1	2631.7	2598.0	2564.2	2511.1
35°	2265.8	2253.5	2281.1	2308.7	2348.6	2389.0	2409.4	2429.8	2401.7	2373.6	2326.1
37.5°	2150.3	2116.6	2129.9	2142.1	2176.4	2210.1	2239.2	2268.9	2248.4	2228.0	2187.6
40°	2031.8	1982.7	1981.7	1980.2	2012.9	2045.1	2081.8	2118.1	2114.6	2110.5	2072.1
42.5°	1906.1	1843.7	1837.1	1830.4	1862.6	1894.8	1933.7	1972.5	1980.2	1987.8	1956.1
45°	1789.6	1726.2	1716.0	1705.7	1733.3	1762.0	1804.4	1847.3	1865.2	1883.1	1854.4
47.5°	1670.0	1614.8	1608.7	1602.0	1631.1	1660.8	1707.8	1755.3	1774.2	1793.6	1774.2
50°	1550.4	1504.9	1512.6	1520.3	1552.4	1584.1	1620.9	1658.2	1693.5	1728.2	1724.7
52.5°	1455.9	1421.6	1445.6	1469.1	1498.3	1527.9	1566.2	1604.6	1641.4	1678.7	1684.3
55°	1386.9	1349.1	1382.8	1416.5	1451.8	1487.0	1522.8	1558.6	1593.3	1627.6	1635.2
57.5°	1334.2	1281.6	1315.3	1349.1	1387.4	1425.7	1461.5	1497.3	1537.6	1578.0	1584.1
60°	1290.3	1223.9	1246.3	1268.3	1307.7	1346.5	1383.8	1420.6	1461.5	1502.4	1510.5
62.5°	1232.6	1145.7	1148.7	1150.8	1195.2	1239.2	1269.9	1300.5	1339.4	1378.7	1390.5
65°	*1155.9*	*1062.9*	*1052.7*	*1042.5*	*1084.4*	*1126.8*	*1150.8*	*1175.3*	*1209.0*	*1242.8*	*1254.5*
67.5°	1059.8	977.0	956.1	935.1	974.0	1012.8	1032.7	1052.7	1075.7	1098.7	1112.0
70°	922.9	873.8	860.5	847.3	878.9	910.6	928.0	945.4	963.8	982.2	989.3
72.5°	784.9	774.2	764.5	755.3	779.3	803.3	818.1	832.9	850.3	867.7	871.8
75°	657.2	651.5	644.4	637.7	656.1	674.5	685.8	697.5	715.4	733.3	741.0
77.5°	525.8	512.0	504.9	496.7	513.6	530.4	541.2	551.9	566.7	581.5	583.6
80°	392.5	375.6	370.0	363.8	376.1	388.4	392.5	396.0	408.3	420.0	420.0
82.5°	247.8	247.8	244.3	240.2	237.6	235.1	230.0	224.8	237.1	249.4	253.5
85°	124.7	125.2	119.6	113.4	106.3	98.1	96.6	94.5	94.0	93.0	96.6
87.5°	38.8	41.9	45.0	47.0	50.1	52.1	50.6	48.5	46.5	45.0	40.9
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: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8
2.5°	3071.2	3066.1	3060.9	3056.9	3053.3	3050.7	3053.3	3056.9	3060.9	3066.1	3071.2
5°	2884.6	2876.5	2867.8	2862.2	2856.5	2851.4	2856.5	2862.2	2867.8	2876.5	2884.6
7.5°	2769.7	2756.4	2743.1	2733.4	2723.7	2718.6	2723.7	2733.4	2743.1	2756.4	2769.7
10°	2707.3	2688.4	2670.0	2659.8	2649.6	2641.9	2649.6	2659.8	2670.0	2688.4	2707.3
12.5°	2712.4	2688.9	2666.4	2651.1	2635.8	2626.6	2635.8	2651.1	2666.4	2688.9	2712.4
15°	2791.1	2758.4	2724.7	2705.8	2686.9	2672.6	2686.9	2705.8	2724.7	2758.4	2791.1
17.5°	2892.3	2844.3	2796.2	2779.4	2762.0	2754.3	2762.0	2779.4	2796.2	2844.3	2892.3
20°	2967.9	2903.6	2840.2	2814.6	2789.1	2779.9	2789.1	2814.6	2840.2	2903.6	2967.9
22.5°	2985.3	2909.7	2833.5	2809.5	2785.0	2774.8	2785.0	2809.5	2833.5	2909.7	2985.3
25°	2940.9	2861.1	2780.9	2756.4	2731.3	2723.7	2731.3	2756.4	2780.9	2861.1	2940.9
27.5°	2832.0	2761.5	2690.5	2664.4	2637.8	2621.5	2637.8	2664.4	2690.5	2761.5	2832.0
30°	2654.7	2602.1	2549.9	2533.6	2516.7	2509.1	2516.7	2533.6	2549.9	2602.1	2654.7
32.5°	2458.0	2425.2	2392.5	2381.8	2371.1	2366.0	2371.1	2381.8	2392.5	2425.2	2458.0
35°	2279.1	2255.6	2232.1	2223.4	2215.2	2207.6	2215.2	2223.4	2232.1	2255.6	2279.1
37.5°	2147.3	2119.7	2091.0	2075.7	2060.4	2049.1	2060.4	2075.7	2091.0	2119.7	2147.3
40°	2033.8	1994.0	1954.6	1933.7	1912.2	1901.0	1912.2	1933.7	1954.6	1994.0	2033.8
42.5°	1923.9	1878.0	1832.0	1799.8	1768.1	1747.6	1768.1	1799.8	1832.0	1878.0	1923.9
45°	1825.3	1773.7	1722.1	1683.8	1645.4	1619.9	1645.4	1683.8	1722.1	1773.7	1825.3
47.5°	1755.3	1710.9	1665.9	1632.2	1598.4	1573.9	1598.4	1632.2	1665.9	1710.9	1755.3
50°	1721.1	1685.8	1650.6	1618.9	1586.7	1563.7	1586.7	1618.9	1650.6	1685.8	1721.1
52.5°	1690.4	1664.9	1639.3	1611.7	1584.1	1563.7	1584.1	1611.7	1639.3	1664.9	1690.4
55°	1642.9	1624.5	1605.6	1585.1	1564.7	1548.4	1564.7	1585.1	1605.6	1624.5	1642.9
57.5°	1590.3	1570.8	1550.9	1535.6	1520.3	1512.6	1520.3	1535.6	1550.9	1570.8	1590.3
60°	1518.7	1503.4	1488.1	1473.7	1458.9	1446.2	1458.9	1473.7	1488.1	1503.4	1518.7
62.5°	1402.7	1395.6	1388.9	1372.6	1356.7	1338.8	1356.7	1372.6	1388.9	1395.6	1402.7
65°	*1266.3*	*1262.7*	*1259.6*	*1247.9*	*1236.6*	*1216.2*	*1236.6*	*1247.9*	*1259.6*	*1262.7*	*1266.3*
67.5°	1125.2	1118.6	1111.4	1099.2	1087.4	1083.3	1087.4	1099.2	1111.4	1118.6	1125.2
70°	996.5	986.2	976.0	948.4	920.8	889.2	920.8	948.4	976.0	986.2	996.5
72.5°	876.4	860.5	844.2	812.0	779.3	746.1	779.3	812.0	844.2	860.5	876.4
75°	748.6	726.1	704.2	669.9	636.2	613.2	636.2	669.9	704.2	726.1	748.6
77.5°	586.6	567.2	547.8	527.4	506.9	495.7	506.9	527.4	547.8	567.2	586.6
80°	420.0	405.7	390.9	380.7	370.5	362.8	370.5	380.7	390.9	405.7	420.0
82.5°	258.1	251.4	245.3	234.0	222.3	214.6	222.3	234.0	245.3	251.4	258.1
85°	99.6	98.1	97.1	93.0	89.4	86.9	89.4	93.0	97.1	98.1	99.6
87.5°	36.8	33.7	30.7	28.6	26.6	25.6	26.6	28.6	30.7	33.7	36.8
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8
2.5°	3081.9	3092.6	3109.0	3124.8	3147.3	3169.3	3188.2	3206.6	3227.5	3249.0	3276.1
5°	2904.6	2924.0	2948.0	2971.5	3001.7	3031.3	3065.0	3097.7	3137.6	3177.5	3225.5
7.5°	2792.2	2814.6	2849.4	2884.6	2921.9	2958.7	3002.7	3046.6	3098.8	3150.4	3209.6
10°	2740.0	2773.8	2812.6	2851.4	2900.0	2948.5	2995.0	3041.5	3094.7	3147.8	3210.2
12.5°	2753.8	2795.2	2847.3	2900.0	2958.2	3016.0	3058.9	3101.8	3138.6	3175.9	3227.5
15°	2850.9	2910.2	2983.3	3055.8	3109.5	3163.1	3178.0	3192.8	3195.8	3198.9	3232.6
17.5°	2980.2	3068.6	3170.8	3273.0	3310.8	3348.1	3319.0	3289.9	3239.3	3188.7	3193.3
20°	3083.9	3199.9	3333.8	3467.2	3470.8	3474.9	3396.2	3317.5	3218.8	3119.7	3091.1
22.5°	3128.4	3271.5	3402.8	3533.6	3505.0	3475.9	3362.4	3249.0	3119.7	2990.4	2948.0
25°	3079.3	3218.3	3326.2	3434.0	3379.8	3325.6	3203.5	3081.4	2961.8	2842.2	2795.7
27.5°	2944.4	3056.9	3122.8	3188.7	3127.9	3067.1	2969.0	2870.8	2781.9	2693.0	2648.0
30°	2734.9	2815.7	2859.1	2902.5	2854.0	2805.4	2739.0	2672.6	2608.2	2543.8	2509.1
32.5°	2511.1	2564.2	2598.0	2631.7	2605.1	2578.0	2529.0	2479.4	2437.5	2395.6	2380.8
35°	2326.1	2373.6	2401.7	2429.8	2409.4	2389.0	2348.6	2308.7	2281.1	2253.5	2265.8
37.5°	2187.6	2228.0	2248.4	2268.9	2239.2	2210.1	2176.4	2142.1	2129.9	2116.6	2150.3
40°	2072.1	2110.5	2114.6	2118.1	2081.8	2045.1	2012.9	1980.2	1981.7	1982.7	2031.8
42.5°	1956.1	1987.8	1980.2	1972.5	1933.7	1894.8	1862.6	1830.4	1837.1	1843.7	1906.1
45°	1854.4	1883.1	1865.2	1847.3	1804.4	1762.0	1733.3	1705.7	1716.0	1726.2	1789.6
47.5°	1774.2	1793.6	1774.2	1755.3	1707.8	1660.8	1631.1	1602.0	1608.7	1614.8	1670.0
50°	1724.7	1728.2	1693.5	1658.2	1620.9	1584.1	1552.4	1520.3	1512.6	1504.9	1550.4
52.5°	1684.3	1678.7	1641.4	1604.6	1566.2	1527.9	1498.3	1469.1	1445.6	1421.6	1455.9
55°	1635.2	1627.6	1593.3	1558.6	1522.8	1487.0	1451.8	1416.5	1382.8	1349.1	1386.9
57.5°	1584.1	1578.0	1537.6	1497.3	1461.5	1425.7	1387.4	1349.1	1315.3	1281.6	1334.2
60°	1510.5	1502.4	1461.5	1420.6	1383.8	1346.5	1307.7	1268.3	1246.3	1223.9	1290.3
62.5°	1390.5	1378.7	1339.4	1300.5	1269.9	1239.2	1195.2	1150.8	1148.7	1145.7	1232.6
65°	*1254.5*	*1242.8*	*1209.0*	*1175.3*	*1150.8*	*1126.8*	*1084.4*	*1042.5*	*1052.7*	*1062.9*	*1155.9*
67.5°	1112.0	1098.7	1075.7	1052.7	1032.7	1012.8	974.0	935.1	956.1	977.0	1059.8
70°	989.3	982.2	963.8	945.4	928.0	910.6	878.9	847.3	860.5	873.8	922.9
72.5°	871.8	867.7	850.3	832.9	818.1	803.3	779.3	755.3	764.5	774.2	784.9
75°	741.0	733.3	715.4	697.5	685.8	674.5	656.1	637.7	644.4	651.5	657.2
77.5°	583.6	581.5	566.7	551.9	541.2	530.4	513.6	496.7	504.9	512.0	525.8
80°	420.0	420.0	408.3	396.0	392.5	388.4	376.1	363.8	370.0	375.6	392.5
82.5°	253.5	249.4	237.1	224.8	230.0	235.1	237.6	240.2	244.3	247.8	247.8
85°	96.6	93.0	94.0	94.5	96.6	98.1	106.3	113.4	119.6	125.2	124.7
87.5°	40.9	45.0	46.5	48.5	50.6	52.1	50.1	47.0	45.0	41.9	38.8
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8
2.5°	3303.7	3329.2	3358.3	3387.5	3416.1	3446.2	3475.9	3505.5	3535.2	3567.4	3600.1
5°	3274.5	3324.1	3381.9	3437.0	3492.7	3551.5	3610.3	3670.1	3730.4	3787.6	3845.3
7.5°	3269.4	3329.2	3405.9	3479.5	3552.5	3634.3	3716.1	3807.5	3899.0	3996.1	4093.2
10°	3273.0	3336.9	3418.6	3503.0	3587.3	3688.5	3789.1	3903.1	4016.5	4133.0	4249.0
12.5°	3279.7	3342.0	3431.4	3523.9	3616.9	3729.9	3842.8	3970.0	4097.3	4212.8	4328.2
15°	3266.4	3321.6	3421.2	3526.0	3630.7	3752.8	3874.5	4003.8	4133.0	4249.5	4366.6
17.5°	3197.9	3244.9	3361.4	3483.0	3605.2	3743.6	3882.6	4020.6	4158.6	4267.4	4376.8
20°	3062.0	3091.6	3245.9	3406.4	3566.8	3729.9	3892.9	4041.1	4189.2	4299.6	4410.0
22.5°	2905.1	2933.2	3117.2	3318.5	3519.8	3719.1	3918.4	4080.9	4243.9	4344.6	4445.8
25°	2749.2	2751.8	2962.8	3213.7	3464.6	3718.1	3971.6	4149.4	4327.2	4414.6	4502.0
27.5°	2603.6	2590.8	2806.5	3106.4	3405.9	3727.8	4049.7	4249.5	4449.9	4516.8	4583.7
30°	2474.3	2460.5	2670.0	3012.9	3356.3	3748.8	4141.7	4368.1	4594.0	4646.1	4698.7
32.5°	2366.0	2366.0	2559.1	2931.1	3303.7	3772.3	4241.4	4507.6	4773.8	4806.5	4839.3
35°	2278.1	2309.8	2459.0	2838.1	3216.8	3766.6	4317.0	4655.8	4995.1	5036.0	5076.9
37.5°	2183.0	2243.3	2360.9	2734.9	3109.5	3750.8	4392.1	4836.7	5281.3	5329.8	5378.4
40°	2080.8	2156.5	2249.5	2611.8	2974.1	3715.0	4456.0	5043.7	5631.3	5727.4	5822.9
42.5°	1968.4	2061.9	2126.8	2465.1	2802.9	3653.2	4503.0	5272.6	6041.1	6244.0	6446.4
45°	1853.9	1946.9	2005.7	2315.9	2626.6	3610.8	4595.0	5583.3	6571.6	6896.1	7220.6
47.5°	1724.7	1811.5	1879.5	2167.7	2456.9	3561.2	4665.5	5902.7	7139.8	7550.7	7961.5
50°	1595.4	1681.2	1774.2	2035.9	2297.0	3476.9	4656.3	6181.2	7706.0	8263.0	8820.0
52.5°	1489.6	1581.6	1700.6	1917.3	2135.0	3304.2	4473.9	6313.0	8151.6	9036.7	9921.2
55°	1424.7	1533.0	1651.6	1818.2	1983.7	3075.2	4165.7	6278.3	8390.8	9813.9	11237.1
57.5°	1387.4	1520.3	1619.9	1734.4	1848.8	2835.6	3822.3	6088.7	8355.0	10466.5	12578.5
60°	1356.7	1489.6	1567.8	1648.0	1728.2	2532.6	3336.9	5634.4	7931.9	10758.8	13585.2
62.5°	1319.4	1446.2	1479.4	1523.8	1568.8	2148.3	2727.8	4889.8	7051.9	10110.3	13168.7
65°	*1249.4*	*1354.2*	*1363.4*	*1372.6*	*1382.3*	*1688.4*	*1994.0*	*3835.6*	*5677.3*	*8720.4*	*11763.4*
67.5°	1142.1	1213.6	1199.8	1172.8	1145.7	1290.8	1435.9	2984.8	4533.7	7489.3	10445.0
70°	971.9	1006.7	1010.8	970.4	930.0	981.1	1032.2	2287.3	3542.3	6362.6	9182.8
72.5°	796.2	774.2	815.1	784.4	753.7	754.2	755.3	1719.5	2683.8	5283.3	7882.3
75°	663.3	649.0	632.6	595.8	559.6	562.6	566.2	1274.5	1982.7	4218.4	6454.0
77.5°	539.1	536.6	489.5	449.7	409.8	407.8	404.7	823.7	1242.8	2767.6	4292.5
80°	408.8	411.4	344.9	303.5	261.6	259.6	256.5	455.3	654.1	1586.7	2519.3
82.5°	247.8	237.6	200.3	179.9	159.4	158.9	158.4	244.8	331.1	795.1	1259.6
85°	123.7	117.5	97.1	83.8	70.5	66.9	63.9	77.7	92.0	189.1	286.2
87.5°	35.8	30.7	28.1	25.6	23.0	21.5	20.4	21.0	21.5	22.5	23.0
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: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	*3331.8*	3331.8	3331.8
2.5°	3612.8	3625.6	3639.4	3653.7	3661.9	3670.1	3678.8	3686.9	*3694.6*	3686.9	3678.8
5°	3903.1	3960.3	3999.2	4038.0	4067.6	4097.3	4114.1	4131.5	*4134.1*	4131.5	4114.1
7.5°	4161.7	4230.1	4289.4	4348.7	4386.5	4424.3	4446.3	4468.8	*4476.4*	4468.8	4446.3
10°	4329.3	4410.0	4467.2	4525.0	4560.2	4595.0	4612.4	4629.7	*4634.8*	4629.7	4612.4
12.5°	4405.4	4482.6	4527.0	4571.0	4593.5	4615.4	4623.6	4630.8	*4624.6*	4630.8	4623.6
15°	4412.0	4457.0	4475.9	4494.3	4483.6	4472.3	4456.5	4440.7	*4430.4*	4440.7	4456.5
17.5°	4392.6	4409.0	4374.7	4341.0	4279.7	4218.4	4172.4	4126.4	*4093.2*	4126.4	4172.4
20°	4384.5	4358.9	4267.9	4177.5	4062.5	3947.5	3870.4	3792.7	*3745.7*	3792.7	3870.4
22.5°	4373.7	4301.7	4148.9	3996.1	3838.7	3681.8	3592.9	3504.5	*3454.4*	3504.5	3592.9
25°	4378.3	4254.1	4047.7	3841.8	3656.8	3472.3	3375.7	3279.7	*3224.5*	3279.7	3375.7
27.5°	4394.7	4205.6	3950.1	3694.6	3494.3	3293.4	3201.5	3109.5	*3060.9*	3109.5	3201.5
30°	4447.8	4196.4	3890.8	3584.7	3375.2	3165.7	3075.8	2985.3	*2933.2*	2985.3	3075.8
32.5°	4522.4	4205.6	3863.2	3520.8	3307.2	3094.2	3007.8	2921.9	*2877.0*	2921.9	3007.8
35°	4675.7	4274.6	3894.9	3515.7	3317.5	3119.7	3056.3	2993.5	*2969.0*	2993.5	3056.3
37.5°	4909.8	4440.7	4049.7	3658.8	3523.9	3389.0	3389.0	3389.0	*3408.4*	3389.0	3389.0
40°	5296.6	4770.3	4400.3	4030.8	4022.7	4015.5	4101.4	4187.7	*4226.0*	4187.7	4101.4
42.5°	5889.9	5333.9	5035.5	4737.0	4915.9	5094.8	5343.1	5591.5	*5754.0*	5591.5	5343.1
45°	6678.9	6137.2	5928.7	5720.7	6118.8	6516.4	6955.3	7394.3	*7706.0*	7394.3	6955.3
47.5°	7505.7	7049.4	6930.3	6811.7	7473.5	8135.3	8778.6	9422.0	*9801.1*	9422.0	8778.6
50°	8410.2	7999.8	7976.8	7953.8	8835.3	9716.8	10547.2	11377.6	*11840.1*	11377.6	10547.2
52.5°	9471.0	9020.3	9038.7	9056.1	10103.1	11150.2	12154.3	13158.5	*13679.7*	13158.5	12154.3
55°	10672.4	10107.7	10104.7	10101.6	11304.5	12508.5	13742.0	14976.6	*15672.6*	14976.6	13742.0
57.5°	12049.6	11520.7	11395.0	11268.8	12526.9	13784.5	15146.8	16509.7	*17241.4*	16509.7	15146.8
60°	13293.9	13002.6	12801.3	12600.4	13892.3	15184.6	16591.9	17998.7	*18728.5*	17998.7	16591.9
62.5°	13689.4	14210.1	14195.3	14180.5	15575.0	16969.6	18433.1	19897.6	*20552.8*	19897.6	18433.1
65°	*12593.8*	*13424.2*	*13995.5*	*14566.3*	*16252.1*	*17937.4*	*19462.3*	*20987.1*	*21656.5*	*20987.1*	*19462.3*
67.5°	11176.8	11909.1	12376.6	12844.2	14743.6	16643.5	18373.8	20104.1	*20792.9*	20104.1	18373.8
70°	9993.3	10803.7	11137.9	11472.1	13085.9	14699.2	16068.2	17436.6	*17706.4*	17436.6	16068.2
72.5°	8846.1	9810.3	9951.9	10093.4	11267.7	12442.0	13171.2	13900.5	*13311.8*	13900.5	13171.2
75°	7541.5	8628.4	8722.9	8817.5	9183.3	9549.7	9735.2	9921.2	*9586.5*	9921.2	9735.2
77.5°	5233.7	6175.5	6387.6	6599.7	6843.4	7087.7	7074.9	7062.1	*6592.0*	7062.1	7074.9
80°	3255.6	3992.0	4019.6	4047.2	4230.1	4412.6	4599.1	4785.6	*4486.7*	4785.6	4599.1
82.5°	1663.8	2068.6	2130.9	2193.2	2305.2	2417.1	2469.2	2521.8	*2268.9*	2521.8	2469.2
85°	391.4	496.7	598.4	700.1	817.6	935.1	921.9	908.6	*766.5*	908.6	921.9
87.5°	23.5	24.5	25.0	25.6	26.1	26.6	28.1	29.6	*30.7*	29.6	28.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364129
CATALOG NUMBER: GSS-SB3C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8	3331.8
2.5°	3670.1	3661.9	3653.7	3639.4	3625.6	3612.8	3600.1
5°	4097.3	4067.6	4038.0	3999.2	3960.3	3903.1	3845.3
7.5°	4424.3	4386.5	4348.7	4289.4	4230.1	4161.7	4093.2
10°	4595.0	4560.2	4525.0	4467.2	4410.0	4329.3	4249.0
12.5°	4615.4	4593.5	4571.0	4527.0	4482.6	4405.4	4328.2
15°	4472.3	4483.6	4494.3	4475.9	4457.0	4412.0	4366.6
17.5°	4218.4	4279.7	4341.0	4374.7	4409.0	4392.6	4376.8
20°	3947.5	4062.5	4177.5	4267.9	4358.9	4384.5	4410.0
22.5°	3681.8	3838.7	3996.1	4148.9	4301.7	4373.7	4445.8
25°	3472.3	3656.8	3841.8	4047.7	4254.1	4378.3	4502.0
27.5°	3293.4	3494.3	3694.6	3950.1	4205.6	4394.7	4583.7
30°	3165.7	3375.2	3584.7	3890.8	4196.4	4447.8	4698.7
32.5°	3094.2	3307.2	3520.8	3863.2	4205.6	4522.4	4839.3
35°	3119.7	3317.5	3515.7	3894.9	4274.6	4675.7	5076.9
37.5°	3389.0	3523.9	3658.8	4049.7	4440.7	4909.8	5378.4
40°	4015.5	4022.7	4030.8	4400.3	4770.3	5296.6	5822.9
42.5°	5094.8	4915.9	4737.0	5035.5	5333.9	5889.9	6446.4
45°	6516.4	6118.8	5720.7	5928.7	6137.2	6678.9	7220.6
47.5°	8135.3	7473.5	6811.7	6930.3	7049.4	7505.7	7961.5
50°	9716.8	8835.3	7953.8	7976.8	7999.8	8410.2	8820.0
52.5°	11150.2	10103.1	9056.1	9038.7	9020.3	9471.0	9921.2
55°	12508.5	11304.5	10101.6	10104.7	10107.7	10672.4	11237.1
57.5°	13784.5	12526.9	11268.8	11395.0	11520.7	12049.6	12578.5
60°	15184.6	13892.3	12600.4	12801.3	13002.6	13293.9	13585.2
62.5°	16969.6	15575.0	14180.5	14195.3	14210.1	13689.4	13168.7
65°	*17937.4*	*16252.1*	*14566.3*	*13995.5*	*13424.2*	*12593.8*	*11763.4*
67.5°	16643.5	14743.6	12844.2	12376.6	11909.1	11176.8	10445.0
70°	14699.2	13085.9	11472.1	11137.9	10803.7	9993.3	9182.8
72.5°	12442.0	11267.7	10093.4	9951.9	9810.3	8846.1	7882.3
75°	9549.7	9183.3	8817.5	8722.9	8628.4	7541.5	6454.0
77.5°	7087.7	6843.4	6599.7	6387.6	6175.5	5233.7	4292.5
80°	4412.6	4230.1	4047.2	4019.6	3992.0	3255.6	2519.3
82.5°	2417.1	2305.2	2193.2	2130.9	2068.6	1663.8	1259.6
85°	935.1	817.6	700.1	598.4	496.7	391.4	286.2
87.5°	26.6	26.1	25.6	25.0	24.5	23.5	23.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

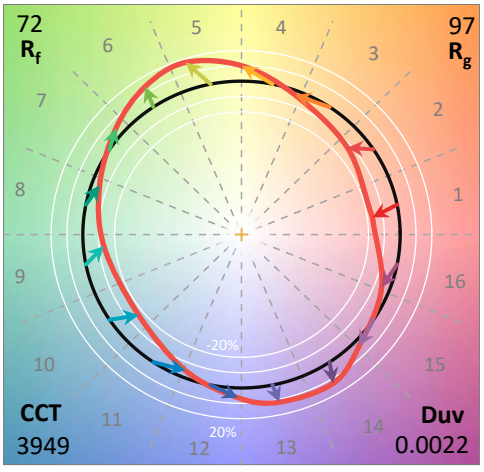
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

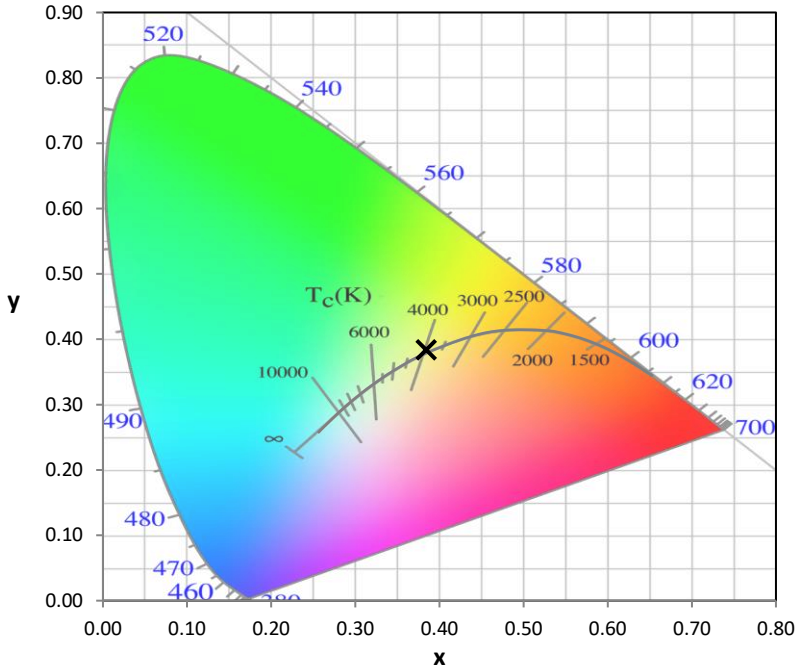
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

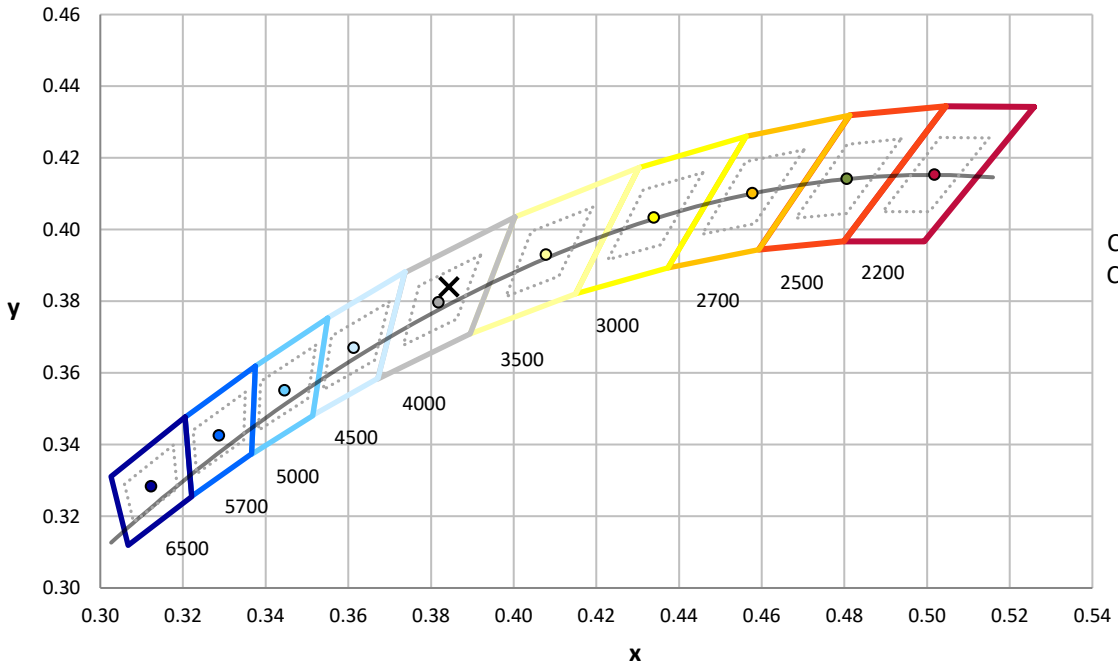
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

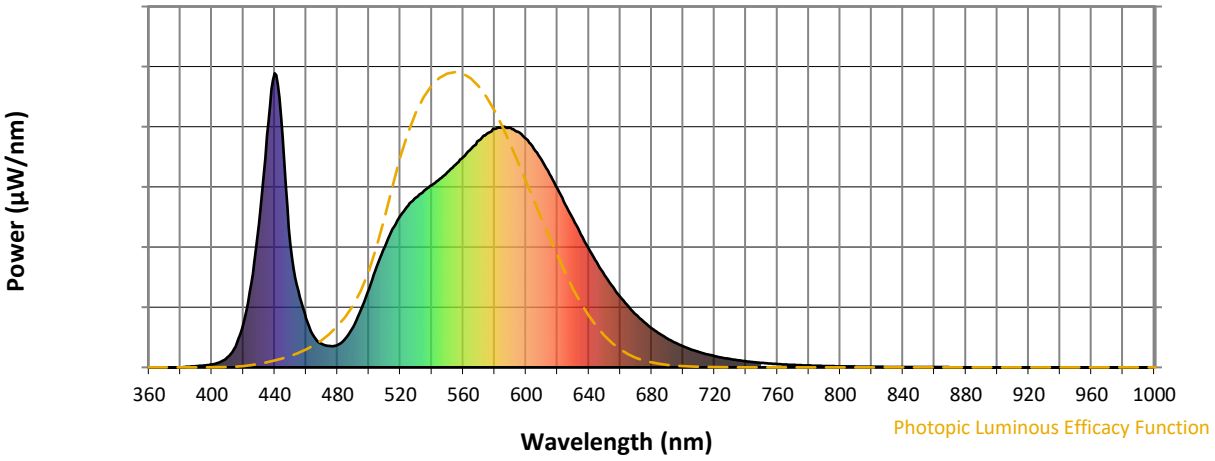


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

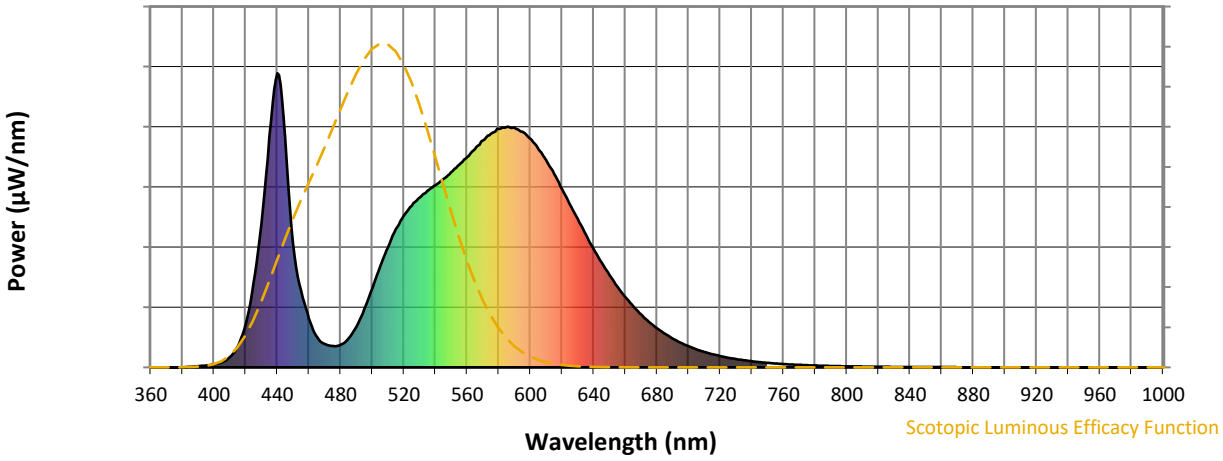


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

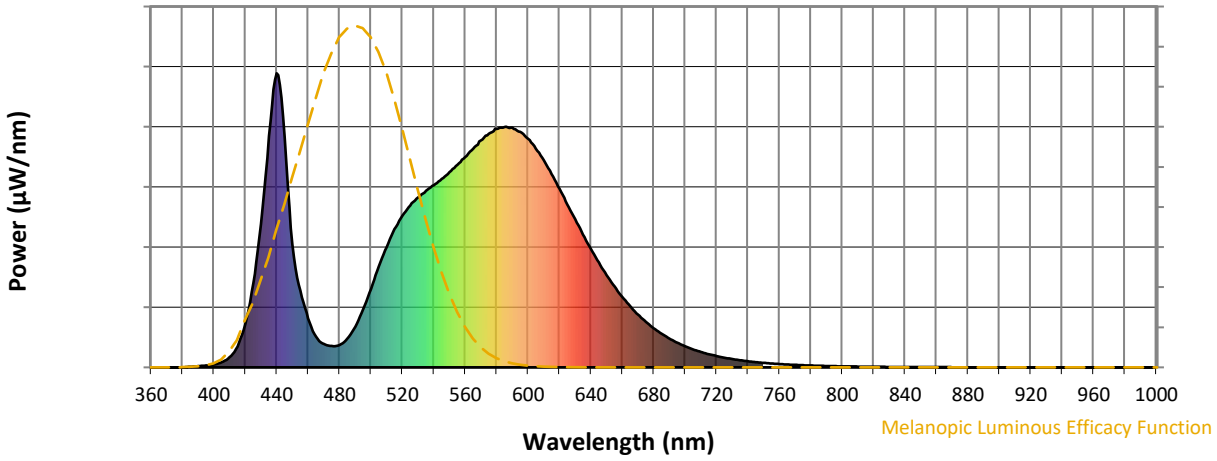


Scotopic Lumens: NR **S/P: 1.47**

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			

REPORT NUMBER: SP1-2407-184-1

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			

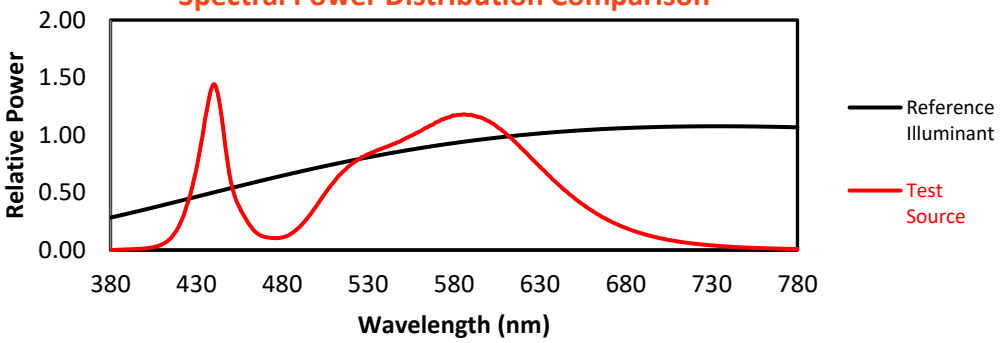
REPORT NUMBER: SP1-2407-184-1

TM-30-18

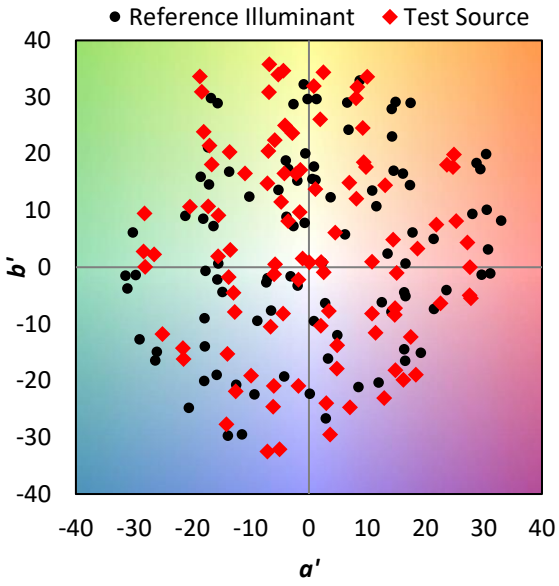
Summary

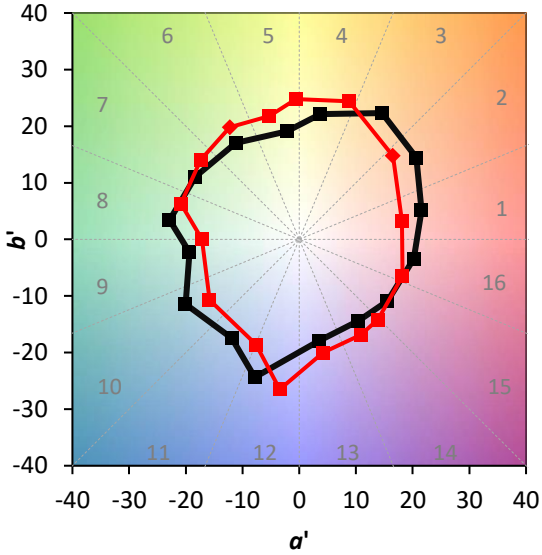
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

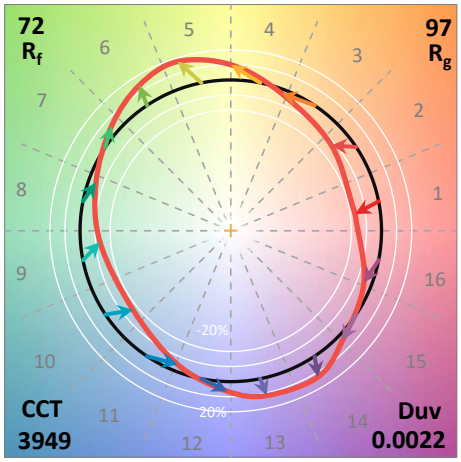
Spectral Power Distribution Comparison

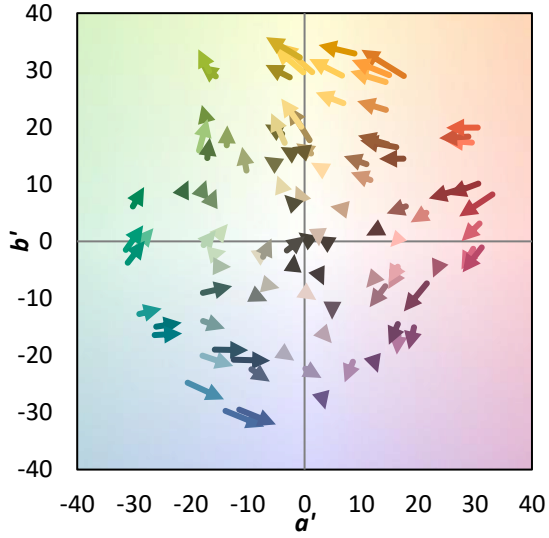


Color Vector Graphics







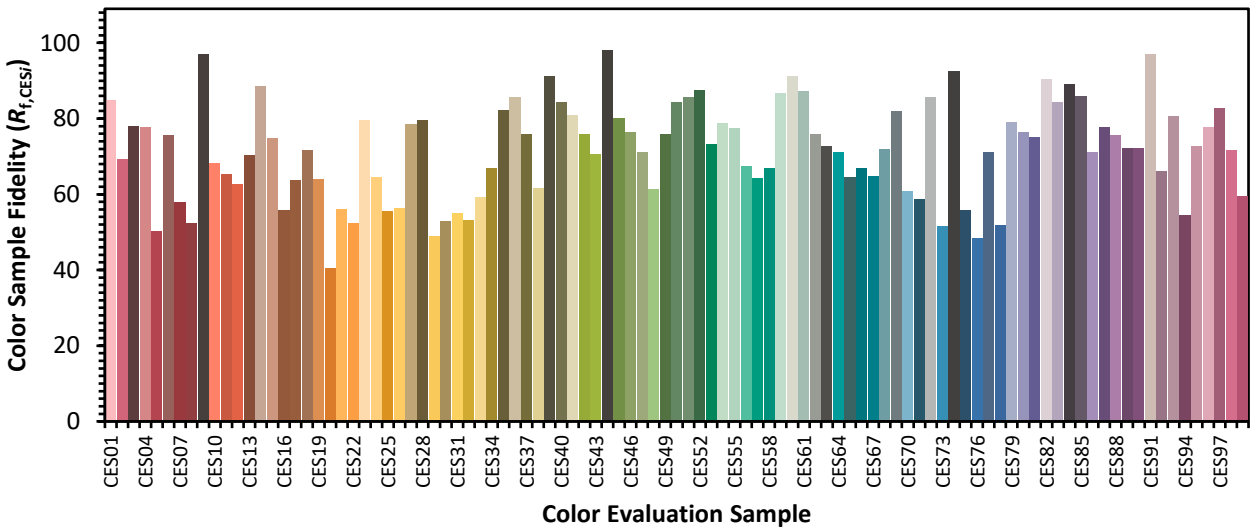


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

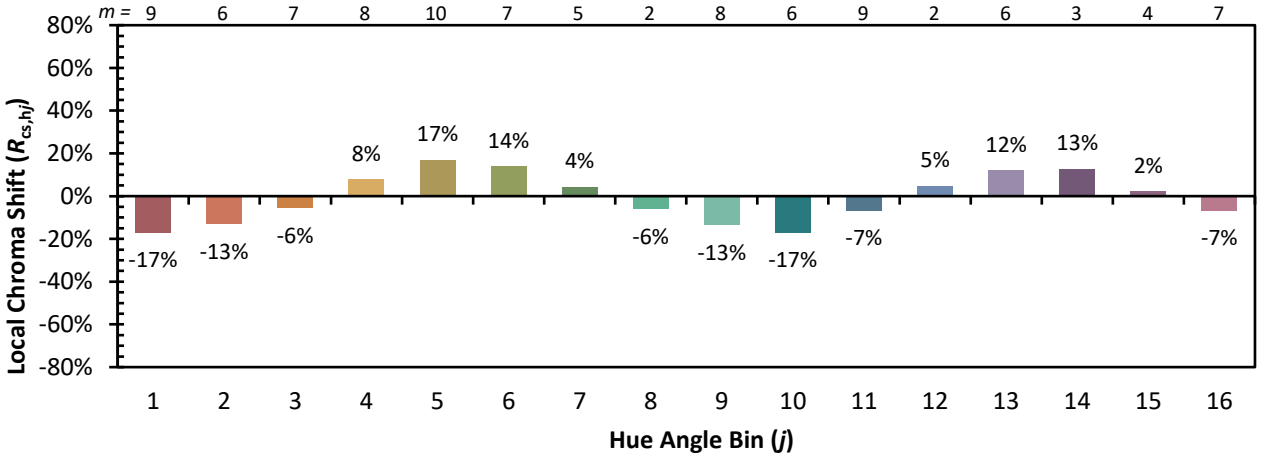
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

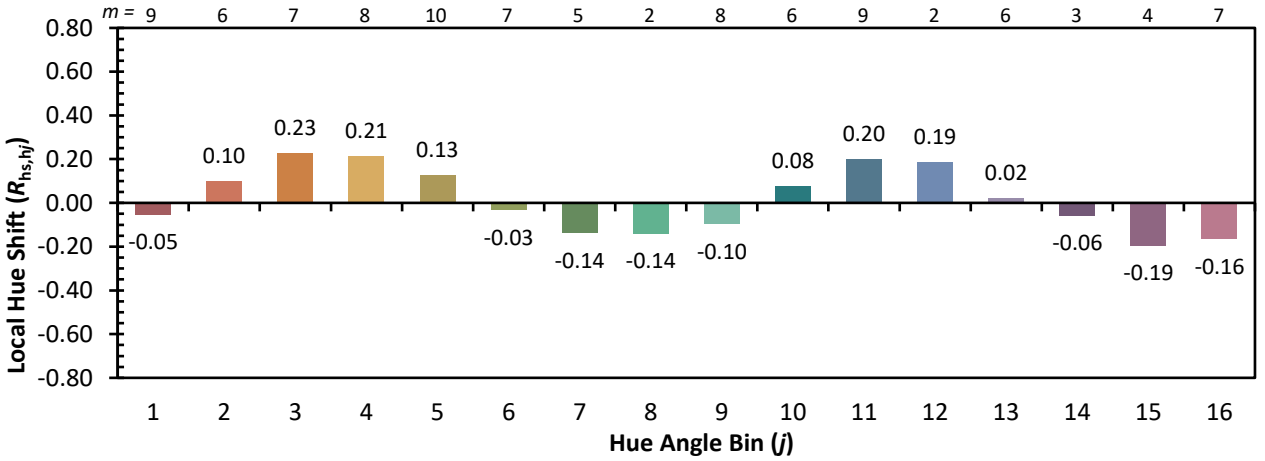


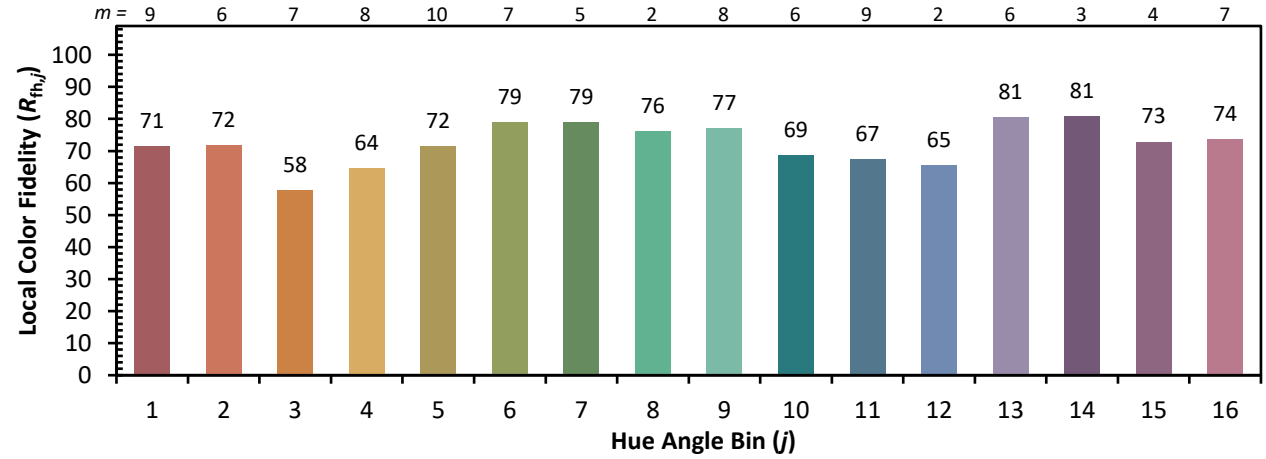
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



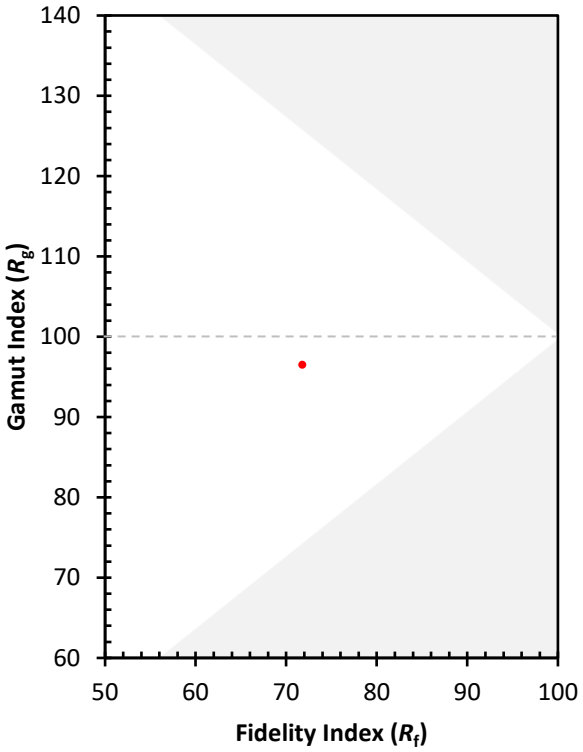


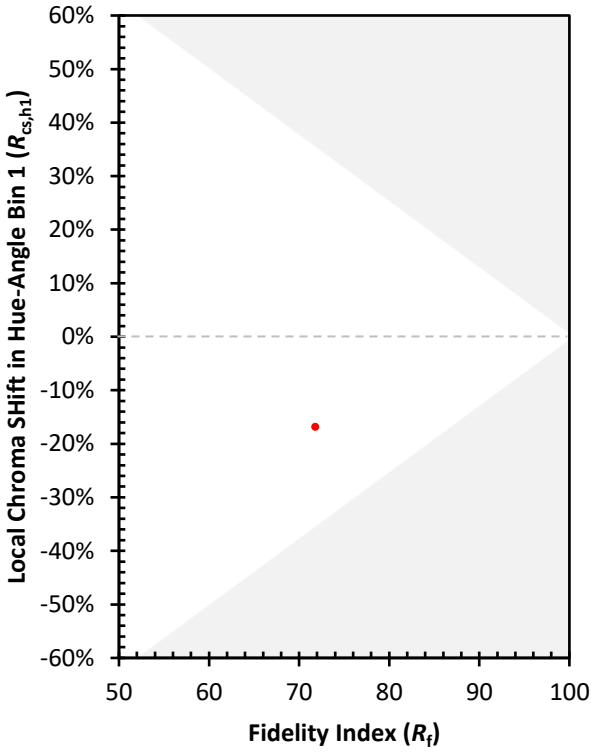


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)