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: P1364178

Luminaire Tested: **GSS-SB3D-727-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:	P1364178
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-727-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(78) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25187.1 lumens
Efficiency:	N/A
Efficacy:	115.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

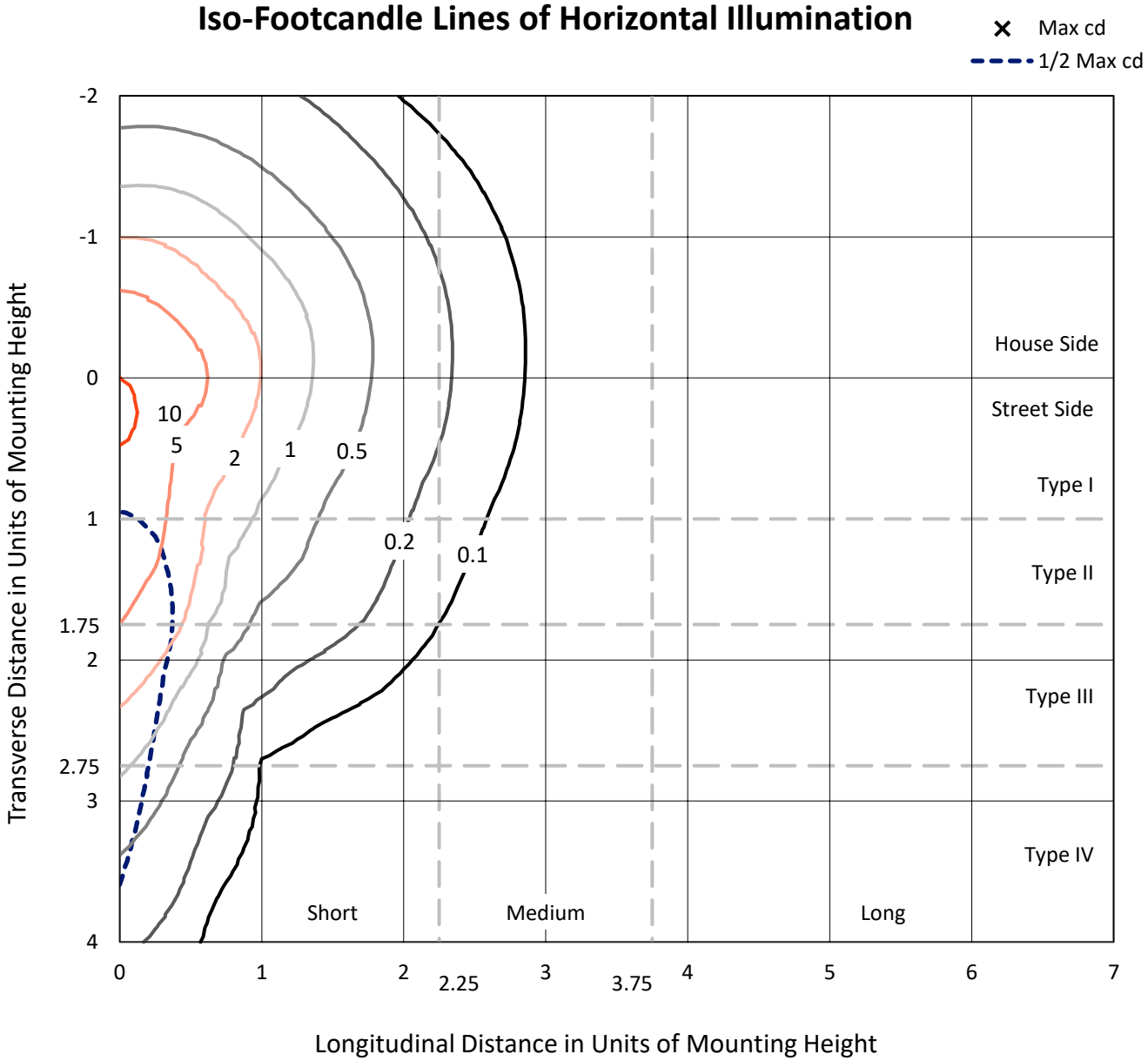
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



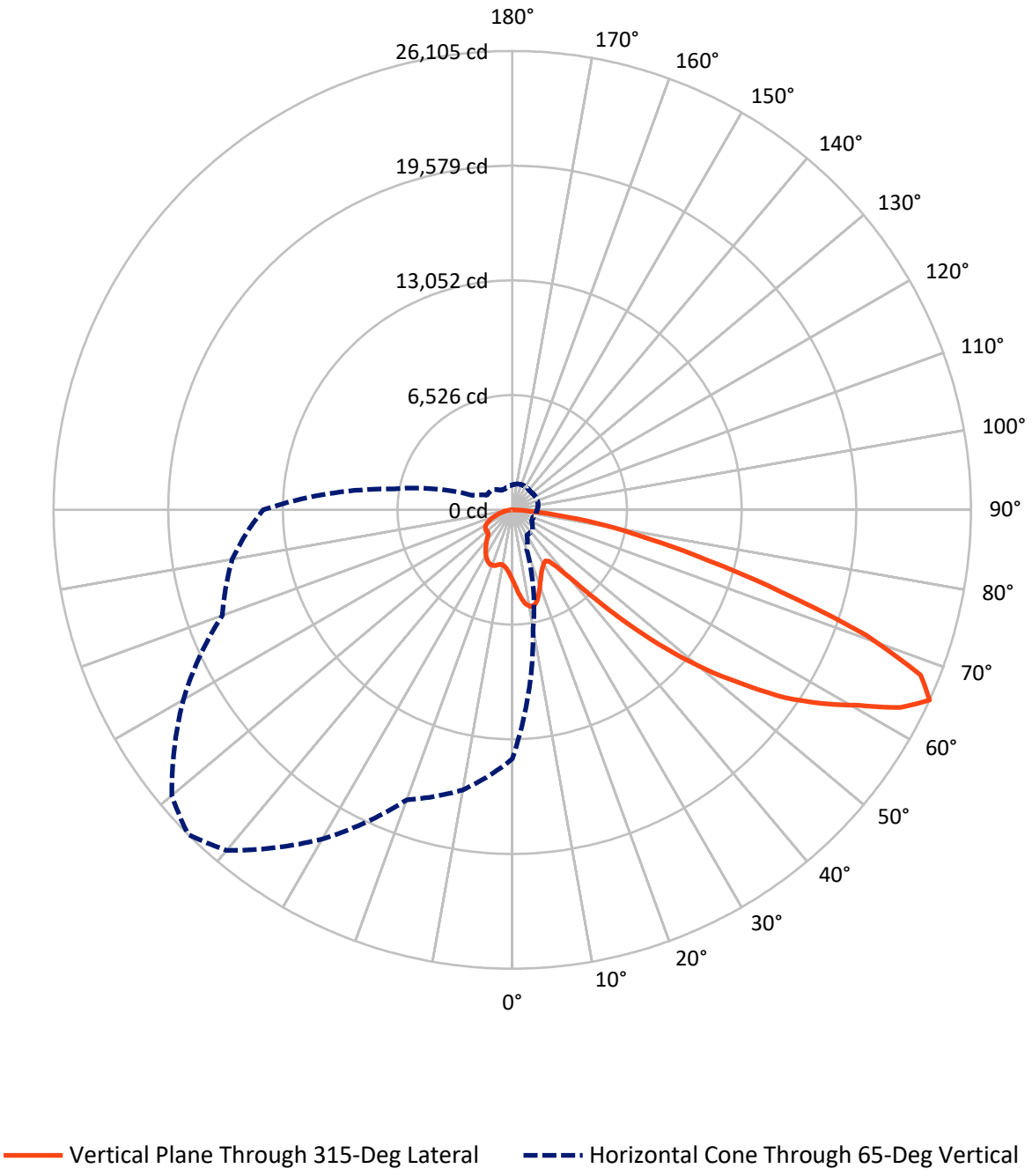
Based on 20 foot mounting height. Maximum calculated value = 12 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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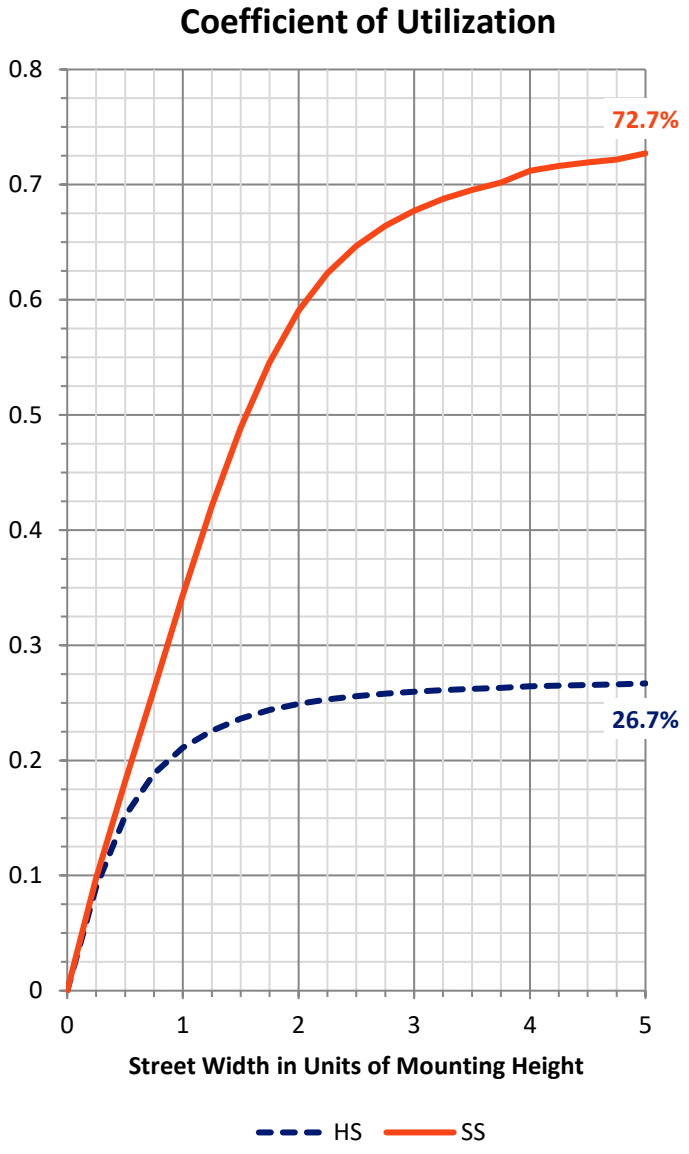
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6775.9	0.0	6775.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	18411.2	0.0	18411.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	25187.1	0.0	25187.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	396.6	1.6
10°-20°	1215.2	4.8
20°-30°	1880.8	7.5
30°-40°	2333.5	9.3
40°-50°	3412.3	13.5
50°-60°	5344.9	21.2
60°-70°	6342.1	25.2
70°-80°	3699.0	14.7
80°-90°	562.7	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°	25187.1	100.0
0°-180°	25187.1	100.0



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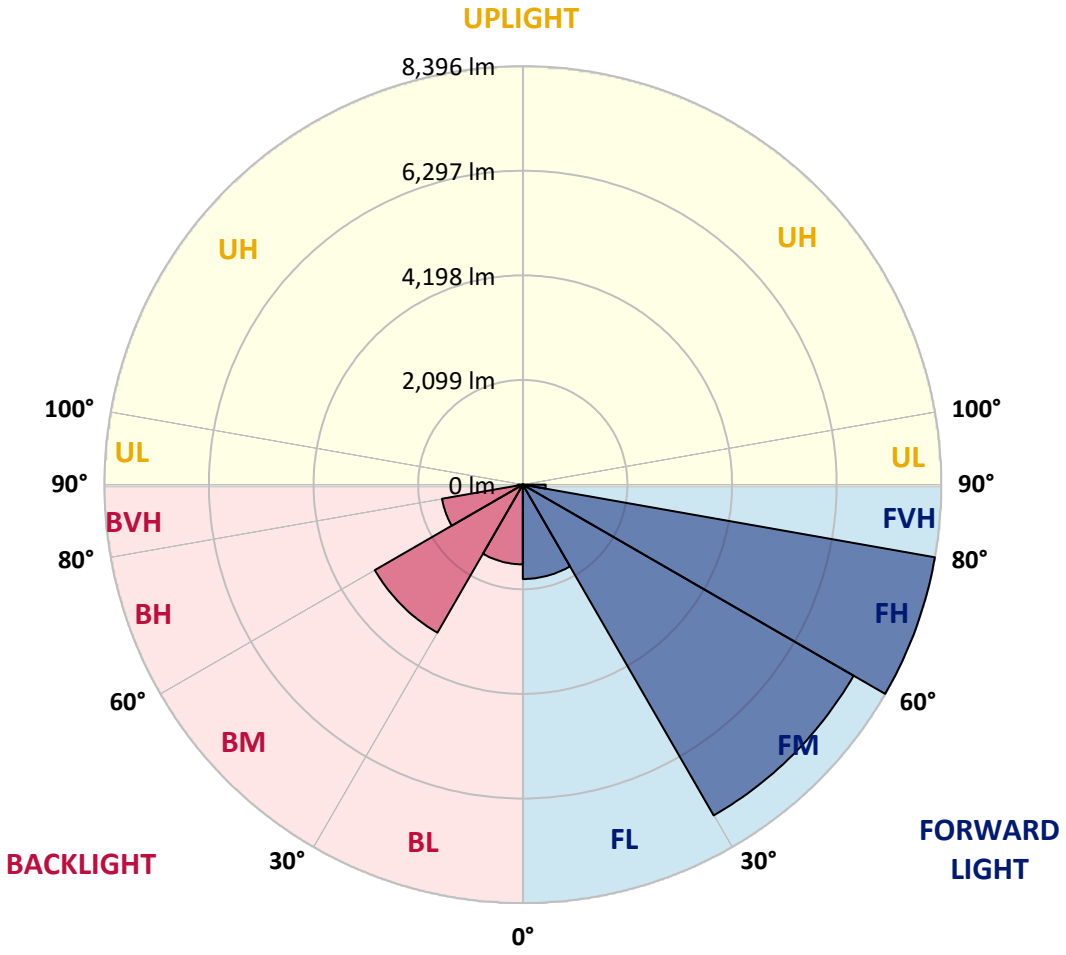
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1893.0	7.5			
FM	(30°-60°)	7662.4	30.4			
FH	(60°-80°)	8395.5	33.3			G4/12000
FVH	(80°-90°)	460.2	1.8			G3/500
BL	(0°-30°)	1599.6	6.4	B3/2500		
BM	(30°-60°)	3428.2	13.6	B3/5000		
BH	(60°-80°)	1645.6	6.5	B3/2500		G3/2500
BVH	(80°-90°)	102.5	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1
2.5°	4339.5	4300.1	4261.3	4225.6	4189.8	4154.1	4117.8	4083.3	4048.2	4013.1	3982.3
5°	4635.2	4565.6	4496.6	4423.9	4351.8	4281.0	4210.2	4143.0	4076.5	4006.9	3947.1
7.5°	4933.9	4816.9	4699.9	4589.6	4479.3	4380.8	4282.2	4194.1	4105.4	4013.1	3941.0
10°	5121.8	4982.0	4841.5	4704.8	4567.4	4446.1	4324.1	4222.5	4120.8	4022.3	3945.3
12.5°	5217.3	5078.1	4938.9	4785.5	4632.1	4496.0	4359.8	4247.7	4136.2	4028.5	3953.3
15°	5263.5	5122.4	4982.0	4826.1	4670.3	4523.7	4376.5	4250.2	4123.9	4003.8	3937.3
17.5°	5275.8	5144.0	5012.8	4846.5	4680.1	4512.6	4345.7	4198.5	4051.9	3911.4	3854.7
20°	5315.8	5182.8	5049.7	4871.1	4692.5	4496.0	4299.5	4106.1	3912.6	3726.6	3690.9
22.5°	5358.9	5237.0	5115.6	4919.1	4723.3	4483.0	4242.8	4000.1	3757.4	3535.7	3501.8
25°	5426.7	5321.4	5216.0	5001.7	4787.3	4481.8	4176.3	3873.8	3571.4	3317.0	3313.9
27.5°	5525.3	5444.6	5363.9	5122.4	4881.6	4493.5	4105.4	3744.5	3382.9	3123.0	3138.4
30°	5663.9	5600.4	5537.6	5265.3	4992.4	4518.8	4045.7	3631.8	3218.4	2965.9	2982.5
32.5°	5833.2	5793.8	5754.4	5433.5	5112.6	4547.1	3982.3	3533.2	3084.8	2851.9	2851.9
35°	6119.7	6070.4	6021.1	5612.1	5203.7	4540.3	3877.5	3421.1	2964.1	2784.2	2746.0
37.5°	6483.1	6424.6	6366.1	5830.2	5294.3	4521.2	3748.2	3296.7	2845.8	2704.1	2631.4
40°	7019.0	6903.8	6788.0	6079.6	5371.3	4478.1	3585.0	3148.2	2711.5	2599.4	2508.2
42.5°	7770.5	7526.6	7282.0	6355.6	5427.9	4403.6	3378.6	2971.4	2563.7	2485.4	2372.7
45°	8703.7	8312.5	7921.4	6730.1	5538.8	4352.5	3166.1	2791.6	2417.7	2346.9	2234.7
47.5°	9596.8	9101.6	8606.3	7115.1	5623.8	4292.7	2961.6	2612.9	2265.5	2183.6	2078.9
50°	10631.7	9960.3	9288.8	7450.8	5612.7	4191.1	2768.8	2454.0	2138.7	2026.5	1923.1
52.5°	11959.1	10892.8	9826.0	7609.7	5392.8	3982.9	2573.5	2311.1	2050.0	1906.4	1795.6
55°	13545.2	11829.7	10114.2	7567.8	5021.4	3706.9	2391.2	2191.6	1990.8	1847.9	1717.3
57.5°	15162.1	12616.3	10071.1	7339.3	4607.5	3418.0	2228.6	2090.6	1952.6	1832.5	1672.4
60°	16375.6	12968.7	9561.1	6791.7	4022.3	3052.8	2083.2	1986.5	1889.8	1795.6	1635.4
62.5°	15873.6	12187.0	8500.4	5894.2	3288.1	2589.5	1891.0	1836.8	1783.2	1743.2	1590.4
65°	*14179.7*	*10511.5*	*6843.4*	*4623.5*	*2403.5*	*2035.2*	*1666.2*	*1654.5*	*1643.4*	*1632.3*	*1506.0*
67.5°	12590.5	9027.7	5464.9	3597.9	1730.9	1555.9	1381.0	1413.7	1446.3	1462.9	1376.7
70°	11069.0	7669.5	4269.9	2757.1	1244.3	1182.7	1121.1	1169.7	1218.4	1213.5	1171.6
72.5°	9501.4	6368.5	3235.1	2072.7	910.4	909.2	908.6	945.5	982.5	933.2	959.7
75°	7779.7	5084.8	2390.0	1536.2	682.5	678.2	674.5	718.2	762.6	782.3	799.5
77.5°	5174.2	3336.1	1498.0	992.9	487.8	491.5	494.0	542.1	590.1	646.8	649.8
80°	3036.7	1912.6	788.4	548.8	309.2	312.9	315.4	365.9	415.8	495.9	492.8
82.5°	1518.4	958.5	399.1	295.1	191.0	191.6	192.2	216.8	241.5	286.4	298.7
85°	344.9	227.9	110.9	93.6	77.0	80.7	85.0	101.0	117.0	141.7	149.1
87.5°	27.7	27.1	25.9	25.3	24.6	25.9	27.7	30.8	33.9	37.0	43.1
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°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1
2.5°	3949.0	3916.3	3890.5	3865.2	3843.0	3820.3	3793.8	3766.7	3747.6	3727.9	3714.9
5°	3888.0	3830.1	3782.1	3734.0	3694.6	3653.9	3618.2	3581.9	3553.5	3524.6	3501.2
7.5°	3868.9	3797.5	3735.2	3672.4	3619.4	3566.5	3522.1	3477.2	3434.7	3392.8	3365.7
10°	3869.5	3794.4	3730.3	3666.3	3610.2	3554.2	3495.6	3437.1	3390.3	3343.5	3302.8
12.5°	3890.5	3828.3	3783.3	3738.9	3687.2	3635.5	3565.9	3495.6	3432.2	3369.4	3319.5
15°	3896.6	3856.0	3852.3	3848.6	3830.7	3812.9	3748.2	3683.5	3596.0	3508.0	3436.5
17.5°	3849.2	3843.7	3904.6	3965.6	4000.7	4035.8	3990.9	3945.3	3822.1	3698.9	3592.3
20°	3726.0	3760.5	3880.0	3998.9	4093.7	4188.6	4183.7	4179.4	4018.6	3857.2	3717.4
22.5°	3553.5	3604.7	3760.5	3916.3	4053.1	4189.8	4224.9	4259.4	4101.8	3943.4	3771.0
25°	3370.0	3426.0	3570.2	3714.3	3861.5	4008.7	4074.0	4139.3	4009.4	3879.4	3711.8
27.5°	3192.0	3246.2	3353.3	3460.5	3578.8	3697.1	3770.4	3843.7	3764.2	3684.7	3549.2
30°	3024.4	3066.3	3143.9	3221.5	3301.6	3381.7	3440.2	3498.7	3446.4	3394.0	3296.7
32.5°	2869.8	2887.7	2938.2	2988.7	3048.4	3107.6	3140.2	3172.3	3131.6	3090.9	3026.9
35°	2731.2	2716.4	2749.7	2783.0	2831.0	2879.7	2904.3	2928.9	2895.1	2861.2	2803.9
37.5°	2592.0	2551.4	2567.4	2582.2	2623.4	2664.1	2699.2	2734.9	2710.3	2685.6	2637.0
40°	2449.1	2390.0	2388.7	2386.9	2426.3	2465.1	2509.5	2553.2	2548.9	2544.0	2497.8
42.5°	2297.6	2222.4	2214.4	2206.4	2245.2	2284.0	2330.8	2377.6	2386.9	2396.1	2357.9
45°	2157.1	2080.8	2068.4	2056.1	2089.4	2123.9	2175.0	2226.7	2248.3	2269.9	2235.4
47.5°	2013.0	1946.5	1939.1	1931.1	1966.2	2001.9	2058.6	2115.9	2138.7	2162.1	2138.7
50°	1868.9	1814.0	1823.3	1832.5	1871.3	1909.5	1953.9	1998.8	2041.3	2083.2	2078.9
52.5°	1754.9	1713.6	1742.6	1770.9	1806.0	1841.8	1888.0	1934.1	1978.5	2023.5	2030.2
55°	1671.7	1626.2	1666.8	1707.5	1750.0	1792.5	1835.6	1878.7	1920.6	1961.9	1971.1
57.5°	1608.3	1544.9	1585.5	1626.2	1672.4	1718.6	1761.7	1804.8	1853.5	1902.1	1909.5
60°	1555.3	1475.3	1502.4	1528.8	1576.3	1623.1	1668.1	1712.4	1761.7	1811.0	1820.8
62.5°	1485.7	1381.0	1384.7	1387.2	1440.8	1493.7	1530.7	1567.6	1614.5	1661.9	1676.1
65°	*1393.3*	*1281.2*	*1268.9*	*1256.6*	*1307.1*	*1358.2*	*1387.2*	*1416.7*	*1457.4*	*1498.0*	*1512.2*
67.5°	1277.5	1177.7	1152.5	1127.2	1174.0	1220.9	1244.9	1268.9	1296.6	1324.3	1340.4
70°	1112.4	1053.3	1037.3	1021.3	1059.5	1097.7	1118.6	1139.5	1161.7	1183.9	1192.5
72.5°	946.1	933.2	921.5	910.4	939.4	968.3	986.2	1004.0	1025.0	1045.9	1050.8
75°	792.1	785.4	776.7	768.7	790.9	813.1	826.6	840.8	862.4	883.9	893.2
77.5°	633.8	617.2	608.6	598.7	619.1	639.4	652.3	665.2	683.1	701.0	703.4
80°	473.1	452.7	446.0	438.6	453.4	468.1	473.1	477.4	492.2	506.3	506.3
82.5°	298.7	298.7	294.4	289.5	286.4	283.3	277.2	271.0	285.8	300.6	305.5
85°	150.3	150.9	144.1	136.7	128.1	118.3	116.4	114.0	113.3	112.1	116.4
87.5°	46.8	50.5	54.2	56.7	60.4	62.8	61.0	58.5	56.1	54.2	49.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1
2.5°	3702.0	3695.8	3689.7	3684.7	3680.4	3677.3	3680.4	3684.7	3689.7	3695.8	3702.0
5°	3477.2	3467.3	3456.8	3450.1	3443.3	3437.1	3443.3	3450.1	3456.8	3467.3	3477.2
7.5°	3338.6	3322.5	3306.5	3294.8	3283.1	3277.0	3283.1	3294.8	3306.5	3322.5	3338.6
10°	3263.4	3240.6	3218.4	3206.1	3193.8	3184.6	3193.8	3206.1	3218.4	3240.6	3263.4
12.5°	3269.6	3241.2	3214.1	3195.7	3177.2	3166.1	3177.2	3195.7	3214.1	3241.2	3269.6
15°	3364.4	3325.0	3284.4	3261.6	3238.8	3221.5	3238.8	3261.6	3284.4	3325.0	3364.4
17.5°	3486.4	3428.5	3370.6	3350.3	3329.3	3320.1	3329.3	3350.3	3370.6	3428.5	3486.4
20°	3577.6	3499.9	3423.6	3392.8	3362.0	3350.9	3362.0	3392.8	3423.6	3499.9	3577.6
22.5°	3598.5	3507.3	3415.6	3386.6	3357.0	3344.7	3357.0	3386.6	3415.6	3507.3	3598.5
25°	3544.9	3448.8	3352.1	3322.5	3292.4	3283.1	3292.4	3322.5	3352.1	3448.8	3544.9
27.5°	3413.7	3328.7	3243.1	3211.7	3179.6	3159.9	3179.6	3211.7	3243.1	3328.7	3413.7
30°	3200.0	3136.5	3073.7	3054.0	3033.7	3024.4	3033.7	3054.0	3073.7	3136.5	3200.0
32.5°	2962.8	2923.4	2884.0	2871.0	2858.1	2851.9	2858.1	2871.0	2884.0	2923.4	2962.8
35°	2747.2	2718.9	2690.6	2680.1	2670.2	2661.0	2670.2	2680.1	2690.6	2718.9	2747.2
37.5°	2588.3	2555.0	2520.6	2502.1	2483.6	2470.0	2483.6	2502.1	2520.6	2555.0	2588.3
40°	2451.6	2403.5	2356.1	2330.8	2305.0	2291.4	2305.0	2330.8	2356.1	2403.5	2451.6
42.5°	2319.1	2263.7	2208.3	2169.5	2131.3	2106.6	2131.3	2169.5	2208.3	2263.7	2319.1
45°	2200.2	2138.0	2075.8	2029.6	1983.4	1952.6	1983.4	2029.6	2075.8	2138.0	2200.2
47.5°	2115.9	2062.3	2008.1	1967.4	1926.8	1897.2	1926.8	1967.4	2008.1	2062.3	2115.9
50°	2074.6	2032.1	1989.6	1951.4	1912.6	1884.9	1912.6	1951.4	1989.6	2032.1	2074.6
52.5°	2037.6	2006.8	1976.0	1942.8	1909.5	1884.9	1909.5	1942.8	1976.0	2006.8	2037.6
55°	1980.3	1958.2	1935.4	1910.7	1886.1	1866.4	1886.1	1910.7	1935.4	1958.2	1980.3
57.5°	1916.9	1893.5	1869.5	1851.0	1832.5	1823.3	1832.5	1851.0	1869.5	1893.5	1916.9
60°	1830.7	1812.2	1793.7	1776.5	1758.6	1743.2	1758.6	1776.5	1793.7	1812.2	1830.7
62.5°	1690.8	1682.2	1674.2	1654.5	1635.4	1613.8	1635.4	1654.5	1674.2	1682.2	1690.8
65°	*1526.4*	*1522.1*	*1518.4*	*1504.2*	*1490.7*	*1466.0*	*1490.7*	*1504.2*	*1518.4*	*1522.1*	*1526.4*
67.5°	1356.4	1348.4	1339.7	1325.0	1310.8	1305.9	1310.8	1325.0	1339.7	1348.4	1356.4
70°	1201.1	1188.8	1176.5	1143.2	1110.0	1071.8	1110.0	1143.2	1176.5	1188.8	1201.1
72.5°	1056.4	1037.3	1017.6	978.8	939.4	899.3	939.4	978.8	1017.6	1037.3	1056.4
75°	902.4	875.3	848.8	807.5	766.9	739.2	766.9	807.5	848.8	875.3	902.4
77.5°	707.1	683.7	660.3	635.7	611.0	597.5	611.0	635.7	660.3	683.7	707.1
80°	506.3	489.1	471.2	458.9	446.6	437.3	446.6	458.9	471.2	489.1	506.3
82.5°	311.1	303.1	295.7	282.1	267.9	258.7	267.9	282.1	295.7	303.1	311.1
85°	120.1	118.3	117.0	112.1	107.8	104.7	107.8	112.1	117.0	118.3	120.1
87.5°	44.3	40.7	37.0	34.5	32.0	30.8	32.0	34.5	37.0	40.7	44.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364178
CATALOG NUMBER: GSS-SB3D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1
2.5°	3714.9	3727.9	3747.6	3766.7	3793.8	3820.3	3843.0	3865.2	3890.5	3916.3	3949.0
5°	3501.2	3524.6	3553.5	3581.9	3618.2	3653.9	3694.6	3734.0	3782.1	3830.1	3888.0
7.5°	3365.7	3392.8	3434.7	3477.2	3522.1	3566.5	3619.4	3672.4	3735.2	3797.5	3868.9
10°	3302.8	3343.5	3390.3	3437.1	3495.6	3554.2	3610.2	3666.3	3730.3	3794.4	3869.5
12.5°	3319.5	3369.4	3432.2	3495.6	3565.9	3635.5	3687.2	3738.9	3783.3	3828.3	3890.5
15°	3436.5	3508.0	3596.0	3683.5	3748.2	3812.9	3830.7	3848.6	3852.3	3856.0	3896.6
17.5°	3592.3	3698.9	3822.1	3945.3	3990.9	4035.8	4000.7	3965.6	3904.6	3843.7	3849.2
20°	3717.4	3857.2	4018.6	4179.4	4183.7	4188.6	4093.7	3998.9	3880.0	3760.5	3726.0
22.5°	3771.0	3943.4	4101.8	4259.4	4224.9	4189.8	4053.1	3916.3	3760.5	3604.7	3553.5
25°	3711.8	3879.4	4009.4	4139.3	4074.0	4008.7	3861.5	3714.3	3570.2	3426.0	3370.0
27.5°	3549.2	3684.7	3764.2	3843.7	3770.4	3697.1	3578.8	3460.5	3353.3	3246.2	3192.0
30°	3296.7	3394.0	3446.4	3498.7	3440.2	3381.7	3301.6	3221.5	3143.9	3066.3	3024.4
32.5°	3026.9	3090.9	3131.6	3172.3	3140.2	3107.6	3048.4	2988.7	2938.2	2887.7	2869.8
35°	2803.9	2861.2	2895.1	2928.9	2904.3	2879.7	2831.0	2783.0	2749.7	2716.4	2731.2
37.5°	2637.0	2685.6	2710.3	2734.9	2699.2	2664.1	2623.4	2582.2	2567.4	2551.4	2592.0
40°	2497.8	2544.0	2548.9	2553.2	2509.5	2465.1	2426.3	2386.9	2388.7	2390.0	2449.1
42.5°	2357.9	2396.1	2386.9	2377.6	2330.8	2284.0	2245.2	2206.4	2214.4	2222.4	2297.6
45°	2235.4	2269.9	2248.3	2226.7	2175.0	2123.9	2089.4	2056.1	2068.4	2080.8	2157.1
47.5°	2138.7	2162.1	2138.7	2115.9	2058.6	2001.9	1966.2	1931.1	1939.1	1946.5	2013.0
50°	2078.9	2083.2	2041.3	1998.8	1953.9	1909.5	1871.3	1832.5	1823.3	1814.0	1868.9
52.5°	2030.2	2023.5	1978.5	1934.1	1888.0	1841.8	1806.0	1770.9	1742.6	1713.6	1754.9
55°	1971.1	1961.9	1920.6	1878.7	1835.6	1792.5	1750.0	1707.5	1666.8	1626.2	1671.7
57.5°	1909.5	1902.1	1853.5	1804.8	1761.7	1718.6	1672.4	1626.2	1585.5	1544.9	1608.3
60°	1820.8	1811.0	1761.7	1712.4	1668.1	1623.1	1576.3	1528.8	1502.4	1475.3	1555.3
62.5°	1676.1	1661.9	1614.5	1567.6	1530.7	1493.7	1440.8	1387.2	1384.7	1381.0	1485.7
65°	*1512.2*	*1498.0*	*1457.4*	*1416.7*	*1387.2*	*1358.2*	*1307.1*	*1256.6*	*1268.9*	*1281.2*	*1393.3*
67.5°	1340.4	1324.3	1296.6	1268.9	1244.9	1220.9	1174.0	1127.2	1152.5	1177.7	1277.5
70°	1192.5	1183.9	1161.7	1139.5	1118.6	1097.7	1059.5	1021.3	1037.3	1053.3	1112.4
72.5°	1050.8	1045.9	1025.0	1004.0	986.2	968.3	939.4	910.4	921.5	933.2	946.1
75°	893.2	883.9	862.4	840.8	826.6	813.1	790.9	768.7	776.7	785.4	792.1
77.5°	703.4	701.0	683.1	665.2	652.3	639.4	619.1	598.7	608.6	617.2	633.8
80°	506.3	506.3	492.2	477.4	473.1	468.1	453.4	438.6	446.0	452.7	473.1
82.5°	305.5	300.6	285.8	271.0	277.2	283.3	286.4	289.5	294.4	298.7	298.7
85°	116.4	112.1	113.3	114.0	116.4	118.3	128.1	136.7	144.1	150.9	150.3
87.5°	49.3	54.2	56.1	58.5	61.0	62.8	60.4	56.7	54.2	50.5	46.8
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: P1364178
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1
2.5°	3982.3	4013.1	4048.2	4083.3	4117.8	4154.1	4189.8	4225.6	4261.3	4300.1	4339.5
5°	3947.1	4006.9	4076.5	4143.0	4210.2	4281.0	4351.8	4423.9	4496.6	4565.6	4635.2
7.5°	3941.0	4013.1	4105.4	4194.1	4282.2	4380.8	4479.3	4589.6	4699.9	4816.9	4933.9
10°	3945.3	4022.3	4120.8	4222.5	4324.1	4446.1	4567.4	4704.8	4841.5	4982.0	5121.8
12.5°	3953.3	4028.5	4136.2	4247.7	4359.8	4496.0	4632.1	4785.5	4938.9	5078.1	5217.3
15°	3937.3	4003.8	4123.9	4250.2	4376.5	4523.7	4670.3	4826.1	4982.0	5122.4	5263.5
17.5°	3854.7	3911.4	4051.9	4198.5	4345.7	4512.6	4680.1	4846.5	5012.8	5144.0	5275.8
20°	3690.9	3726.6	3912.6	4106.1	4299.5	4496.0	4692.5	4871.1	5049.7	5182.8	5315.8
22.5°	3501.8	3535.7	3757.4	4000.1	4242.8	4483.0	4723.3	4919.1	5115.6	5237.0	5358.9
25°	3313.9	3317.0	3571.4	3873.8	4176.3	4481.8	4787.3	5001.7	5216.0	5321.4	5426.7
27.5°	3138.4	3123.0	3382.9	3744.5	4105.4	4493.5	4881.6	5122.4	5363.9	5444.6	5525.3
30°	2982.5	2965.9	3218.4	3631.8	4045.7	4518.8	4992.4	5265.3	5537.6	5600.4	5663.9
32.5°	2851.9	2851.9	3084.8	3533.2	3982.3	4547.1	5112.6	5433.5	5754.4	5793.8	5833.2
35°	2746.0	2784.2	2964.1	3421.1	3877.5	4540.3	5203.7	5612.1	6021.1	6070.4	6119.7
37.5°	2631.4	2704.1	2845.8	3296.7	3748.2	4521.2	5294.3	5830.2	6366.1	6424.6	6483.1
40°	2508.2	2599.4	2711.5	3148.2	3585.0	4478.1	5371.3	6079.6	6788.0	6903.8	7019.0
42.5°	2372.7	2485.4	2563.7	2971.4	3378.6	4403.6	5427.9	6355.6	7282.0	7526.6	7770.5
45°	2234.7	2346.9	2417.7	2791.6	3166.1	4352.5	5538.8	6730.1	7921.4	8312.5	8703.7
47.5°	2078.9	2183.6	2265.5	2612.9	2961.6	4292.7	5623.8	7115.1	8606.3	9101.6	9596.8
50°	1923.1	2026.5	2138.7	2454.0	2768.8	4191.1	5612.7	7450.8	9288.8	9960.3	10631.7
52.5°	1795.6	1906.4	2050.0	2311.1	2573.5	3982.9	5392.8	7609.7	9826.0	10892.8	11959.1
55°	1717.3	1847.9	1990.8	2191.6	2391.2	3706.9	5021.4	7567.8	10114.2	11829.7	13545.2
57.5°	1672.4	1832.5	1952.6	2090.6	2228.6	3418.0	4607.5	7339.3	10071.1	12616.3	15162.1
60°	1635.4	1795.6	1889.8	1986.5	2083.2	3052.8	4022.3	6791.7	9561.1	12968.7	16375.6
62.5°	1590.4	1743.2	1783.2	1836.8	1891.0	2589.5	3288.1	5894.2	8500.4	12187.0	15873.6
65°	*1506.0*	*1632.3*	*1643.4*	*1654.5*	*1666.2*	*2035.2*	*2403.5*	*4623.5*	*6843.4*	*10511.5*	*14179.7*
67.5°	1376.7	1462.9	1446.3	1413.7	1381.0	1555.9	1730.9	3597.9	5464.9	9027.7	12590.5
70°	1171.6	1213.5	1218.4	1169.7	1121.1	1182.7	1244.3	2757.1	4269.9	7669.5	11069.0
72.5°	959.7	933.2	982.5	945.5	908.6	909.2	910.4	2072.7	3235.1	6368.5	9501.4
75°	799.5	782.3	762.6	718.2	674.5	678.2	682.5	1536.2	2390.0	5084.8	7779.7
77.5°	649.8	646.8	590.1	542.1	494.0	491.5	487.8	992.9	1498.0	3336.1	5174.2
80°	492.8	495.9	415.8	365.9	315.4	312.9	309.2	548.8	788.4	1912.6	3036.7
82.5°	298.7	286.4	241.5	216.8	192.2	191.6	191.0	295.1	399.1	958.5	1518.4
85°	149.1	141.7	117.0	101.0	85.0	80.7	77.0	93.6	110.9	227.9	344.9
87.5°	43.1	37.0	33.9	30.8	27.7	25.9	24.6	25.3	25.9	27.1	27.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364178
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	*4016.1*	4016.1	4016.1
2.5°	4354.9	4370.3	4386.9	4404.2	4414.0	4423.9	4434.4	4444.2	*4453.5*	4444.2	4434.4
5°	4704.8	4773.8	4820.6	4867.4	4903.1	4938.9	4959.2	4980.1	*4983.2*	4980.1	4959.2
7.5°	5016.5	5099.0	5170.5	5241.9	5287.5	5333.1	5359.6	5386.7	*5395.9*	5386.7	5359.6
10°	5218.5	5315.8	5384.8	5454.4	5496.9	5538.8	5559.8	5580.7	*5586.9*	5580.7	5559.8
12.5°	5310.3	5403.3	5456.9	5509.9	5537.0	5563.5	5573.3	5581.9	*5574.5*	5581.9	5573.3
15°	5318.3	5372.5	5395.3	5417.5	5404.5	5391.0	5371.9	5352.8	*5340.5*	5352.8	5371.9
17.5°	5294.9	5314.6	5273.3	5232.7	5158.8	5084.8	5029.4	4974.0	*4933.9*	4974.0	5029.4
20°	5285.0	5254.2	5144.6	5035.6	4897.0	4758.4	4665.4	4571.7	*4515.1*	4571.7	4665.4
22.5°	5272.1	5185.2	5001.1	4816.9	4627.2	4438.1	4330.9	4224.3	*4164.0*	4224.3	4330.9
25°	5277.6	5128.0	4879.1	4630.9	4407.9	4185.5	4069.1	3953.3	*3886.8*	3953.3	4069.1
27.5°	5297.4	5069.4	4761.5	4453.5	4212.0	3969.9	3859.1	3748.2	*3689.7*	3748.2	3859.1
30°	5361.4	5058.4	4690.0	4321.0	4068.5	3815.9	3707.5	3598.5	*3535.7*	3598.5	3707.5
32.5°	5451.3	5069.4	4656.7	4244.0	3986.6	3729.7	3625.6	3522.1	*3467.9*	3522.1	3625.6
35°	5636.1	5152.6	4694.9	4237.9	3998.9	3760.5	3684.1	3608.4	*3578.8*	3608.4	3684.1
37.5°	5918.3	5352.8	4881.6	4410.4	4247.7	4085.1	4085.1	4085.1	*4108.5*	4085.1	4085.1
40°	6384.5	5750.1	5304.1	4858.8	4848.9	4840.3	4943.8	5047.9	*5094.1*	5047.9	4943.8
42.5°	7099.7	6429.5	6069.8	5710.1	5925.6	6141.2	6440.6	6740.0	*6935.8*	6740.0	6440.6
45°	8050.7	7397.8	7146.5	6895.8	7375.6	7854.9	8384.0	8913.1	*9288.8*	8913.1	8384.0
47.5°	9047.4	8497.3	8353.8	8210.9	9008.6	9806.3	10581.8	11357.3	*11814.3*	11357.3	10581.8
50°	10137.7	9643.0	9615.3	9587.6	10650.1	11712.7	12713.6	13714.6	*14272.1*	13714.6	12713.6
52.5°	11416.4	10873.1	10895.3	10916.2	12178.4	13440.5	14650.9	15861.3	*16489.5*	15861.3	14650.9
55°	12864.6	12183.9	12180.2	12176.5	13626.5	15077.7	16564.7	18052.9	*18891.8*	18052.9	16564.7
57.5°	14524.6	13887.1	13735.5	13583.4	15099.9	16615.8	18258.0	19900.8	*20782.9*	19900.8	18258.0
60°	16024.5	15673.4	15430.7	15188.6	16745.8	18303.6	20000.0	21695.7	*22575.3*	21695.7	20000.0
62.5°	16501.3	17128.9	17111.1	17093.2	18774.2	20455.2	22219.3	23984.7	*24774.4*	23984.7	22219.3
65°	*15180.6*	*16181.6*	*16870.2*	*17558.3*	*19590.3*	*21621.8*	*23459.9*	*25297.9*	*26104.9*	*25297.9*	*23459.9*
67.5°	13472.5	14355.2	14918.8	15482.4	17772.0	20062.2	22147.9	24233.5	*25063.9*	24233.5	22147.9
70°	12045.9	13022.9	13425.7	13828.6	15773.8	17718.4	19368.6	21018.2	*21343.4*	21018.2	19368.6
72.5°	10663.1	11825.4	11996.0	12166.7	13582.2	14997.7	15876.7	16755.6	*16046.1*	16755.6	15876.7
75°	9090.5	10400.7	10514.6	10628.6	11069.6	11511.3	11734.9	11959.1	*11555.6*	11959.1	11734.9
77.5°	6308.8	7444.0	7699.6	7955.3	8249.1	8543.5	8528.1	8512.7	*7946.0*	8512.7	8528.1
80°	3924.4	4812.0	4845.2	4878.5	5099.0	5318.9	5543.7	5768.6	*5408.2*	5768.6	5543.7
82.5°	2005.6	2493.5	2568.6	2643.7	2778.6	2913.5	2976.4	3039.8	*2734.9*	3039.8	2976.4
85°	471.8	598.7	721.3	843.9	985.6	1127.2	1111.2	1095.2	*924.0*	1095.2	1111.2
87.5°	28.3	29.6	30.2	30.8	31.4	32.0	33.9	35.7	*37.0*	35.7	33.9
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364178
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1	4016.1
2.5°	4423.9	4414.0	4404.2	4386.9	4370.3	4354.9	4339.5
5°	4938.9	4903.1	4867.4	4820.6	4773.8	4704.8	4635.2
7.5°	5333.1	5287.5	5241.9	5170.5	5099.0	5016.5	4933.9
10°	5538.8	5496.9	5454.4	5384.8	5315.8	5218.5	5121.8
12.5°	5563.5	5537.0	5509.9	5456.9	5403.3	5310.3	5217.3
15°	5391.0	5404.5	5417.5	5395.3	5372.5	5318.3	5263.5
17.5°	5084.8	5158.8	5232.7	5273.3	5314.6	5294.9	5275.8
20°	4758.4	4897.0	5035.6	5144.6	5254.2	5285.0	5315.8
22.5°	4438.1	4627.2	4816.9	5001.1	5185.2	5272.1	5358.9
25°	4185.5	4407.9	4630.9	4879.1	5128.0	5277.6	5426.7
27.5°	3969.9	4212.0	4453.5	4761.5	5069.4	5297.4	5525.3
30°	3815.9	4068.5	4321.0	4690.0	5058.4	5361.4	5663.9
32.5°	3729.7	3986.6	4244.0	4656.7	5069.4	5451.3	5833.2
35°	3760.5	3998.9	4237.9	4694.9	5152.6	5636.1	6119.7
37.5°	4085.1	4247.7	4410.4	4881.6	5352.8	5918.3	6483.1
40°	4840.3	4848.9	4858.8	5304.1	5750.1	6384.5	7019.0
42.5°	6141.2	5925.6	5710.1	6069.8	6429.5	7099.7	7770.5
45°	7854.9	7375.6	6895.8	7146.5	7397.8	8050.7	8703.7
47.5°	9806.3	9008.6	8210.9	8353.8	8497.3	9047.4	9596.8
50°	11712.7	10650.1	9587.6	9615.3	9643.0	10137.7	10631.7
52.5°	13440.5	12178.4	10916.2	10895.3	10873.1	11416.4	11959.1
55°	15077.7	13626.5	12176.5	12180.2	12183.9	12864.6	13545.2
57.5°	16615.8	15099.9	13583.4	13735.5	13887.1	14524.6	15162.1
60°	18303.6	16745.8	15188.6	15430.7	15673.4	16024.5	16375.6
62.5°	20455.2	18774.2	17093.2	17111.1	17128.9	16501.3	15873.6
65°	*21621.8*	*19590.3*	*17558.3*	*16870.2*	*16181.6*	*15180.6*	*14179.7*
67.5°	20062.2	17772.0	15482.4	14918.8	14355.2	13472.5	12590.5
70°	17718.4	15773.8	13828.6	13425.7	13022.9	12045.9	11069.0
72.5°	14997.7	13582.2	12166.7	11996.0	11825.4	10663.1	9501.4
75°	11511.3	11069.6	10628.6	10514.6	10400.7	9090.5	7779.7
77.5°	8543.5	8249.1	7955.3	7699.6	7444.0	6308.8	5174.2
80°	5318.9	5099.0	4878.5	4845.2	4812.0	3924.4	3036.7
82.5°	2913.5	2778.6	2643.7	2568.6	2493.5	2005.6	1518.4
85°	1127.2	985.6	843.9	721.3	598.7	471.8	344.9
87.5°	32.0	31.4	30.8	30.2	29.6	28.3	27.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

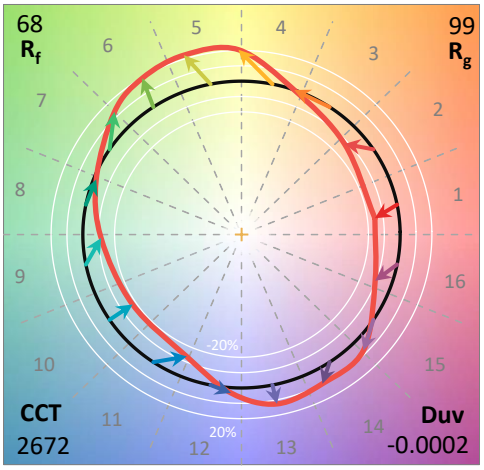
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



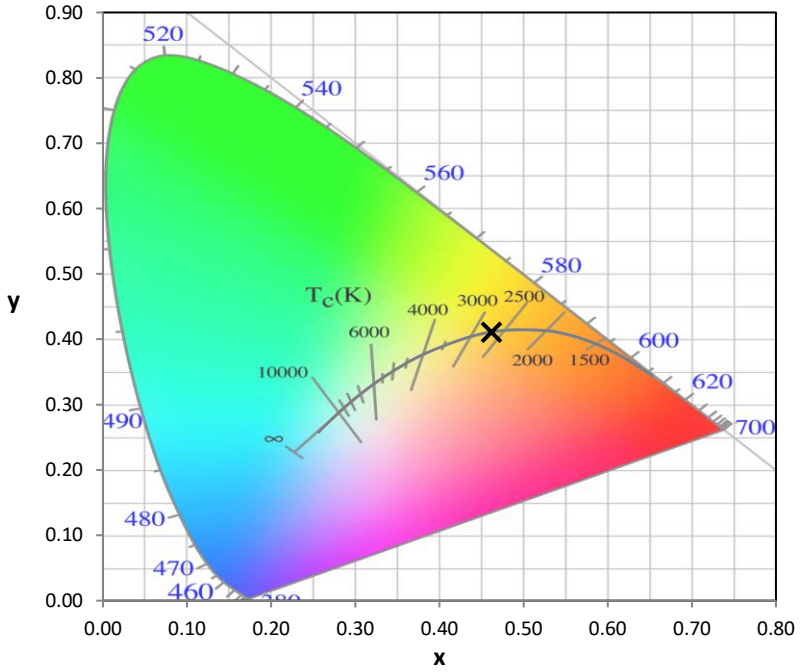
Test Conditions

Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

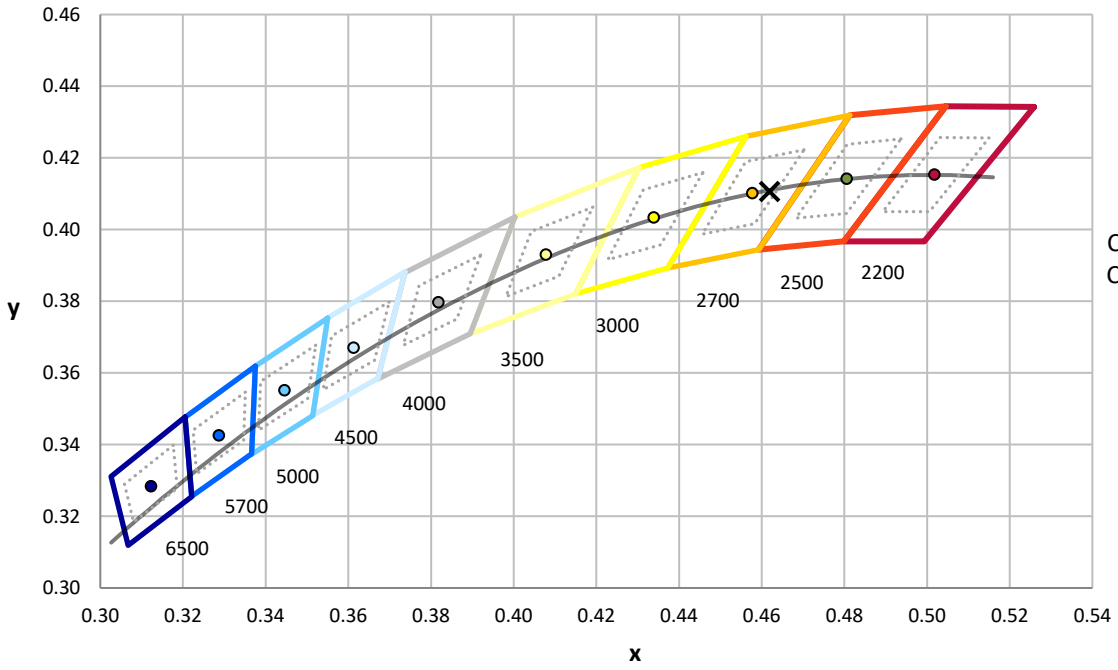
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

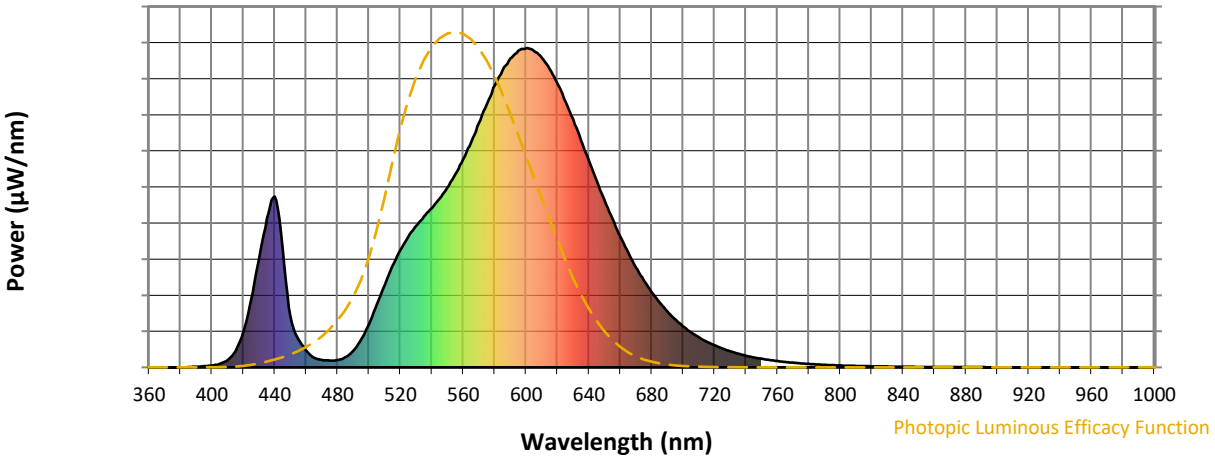


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

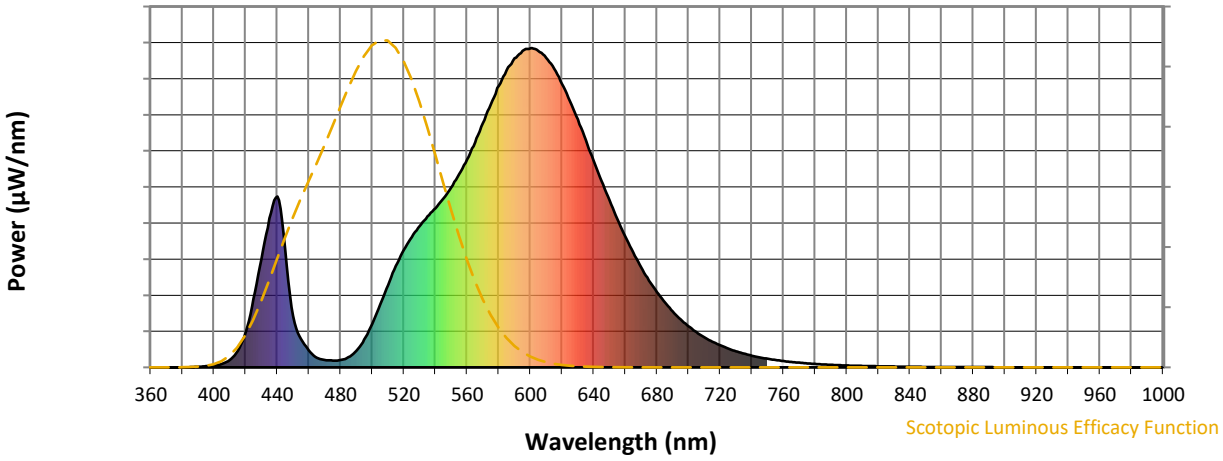


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

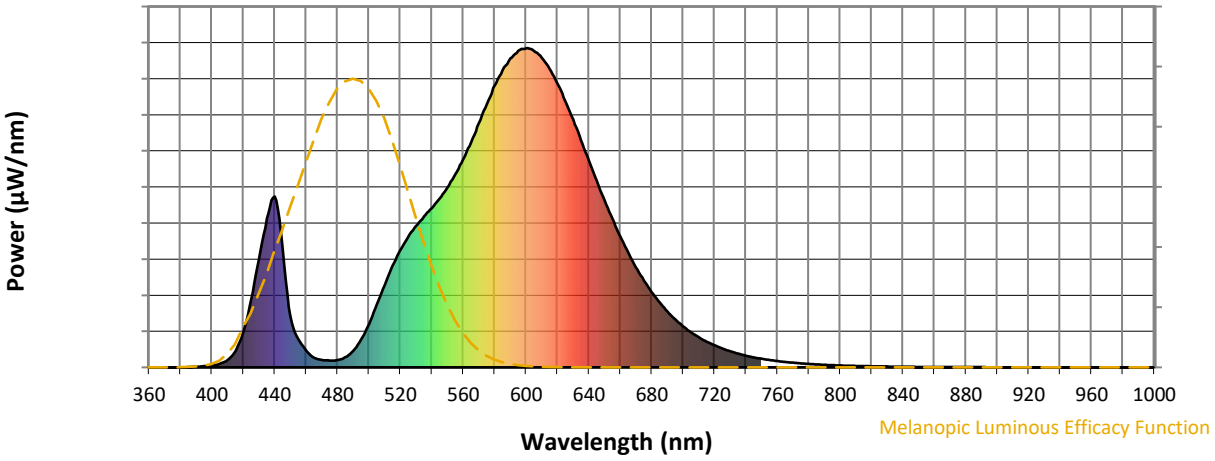


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

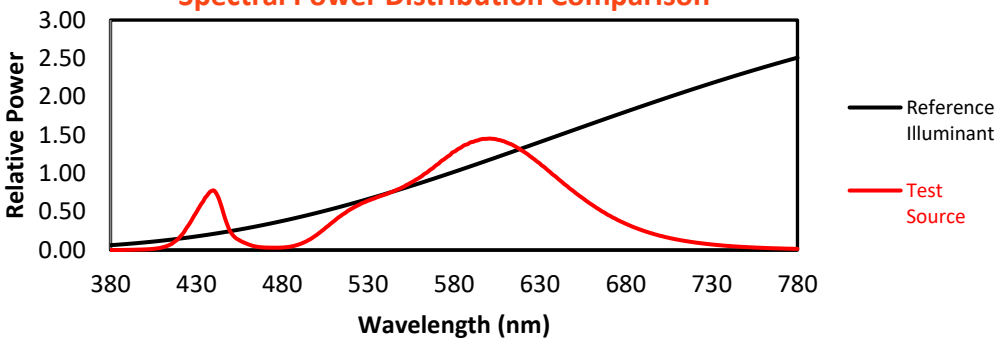
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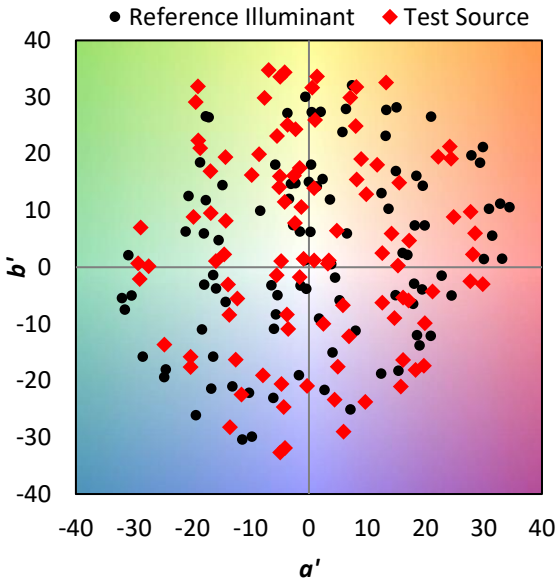
Summary

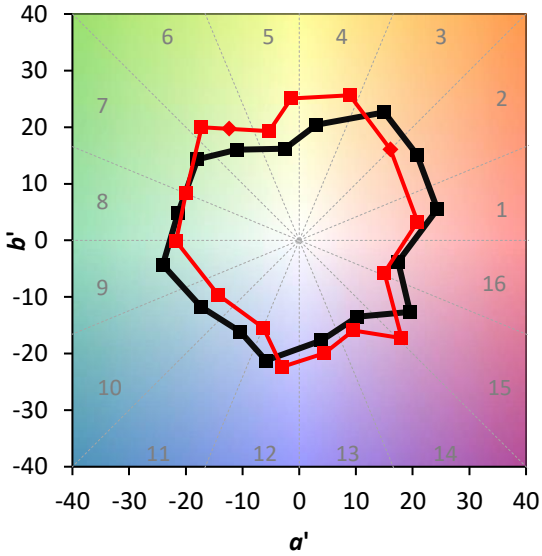
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

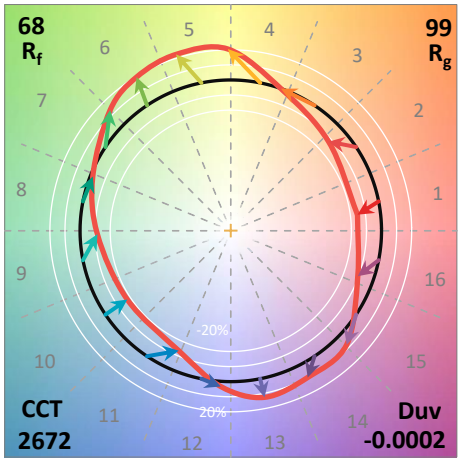
Spectral Power Distribution Comparison

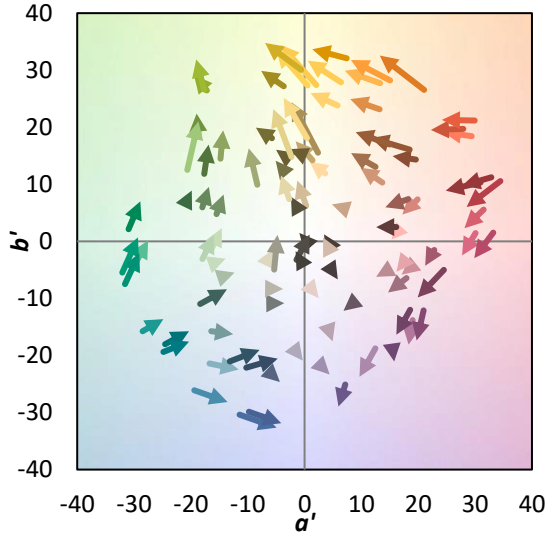


Color Vector Graphics







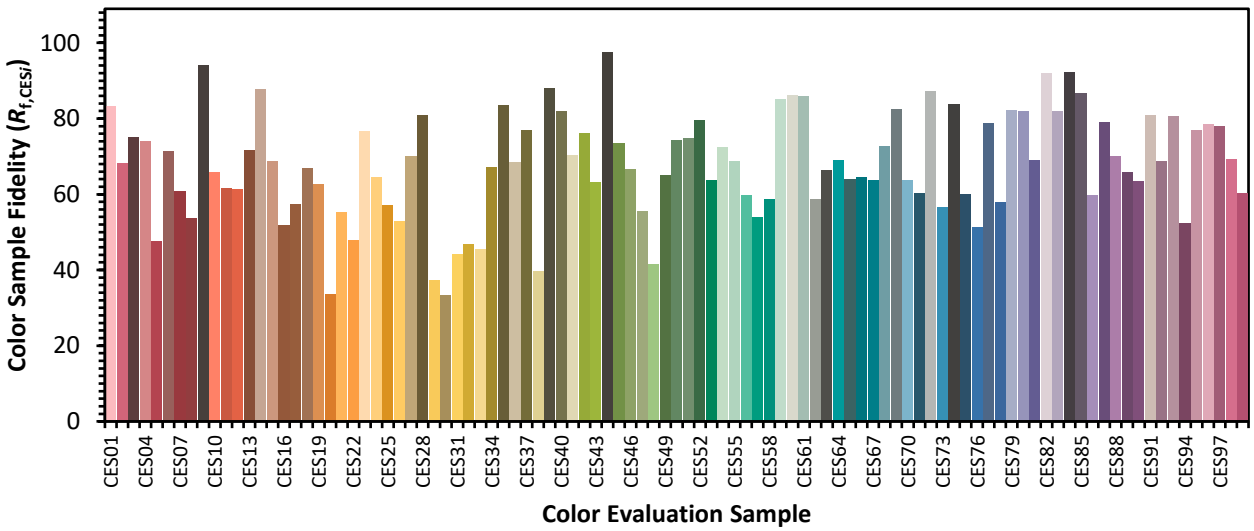


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Individual Sample Fidelity Index ($R_{f,i}$)

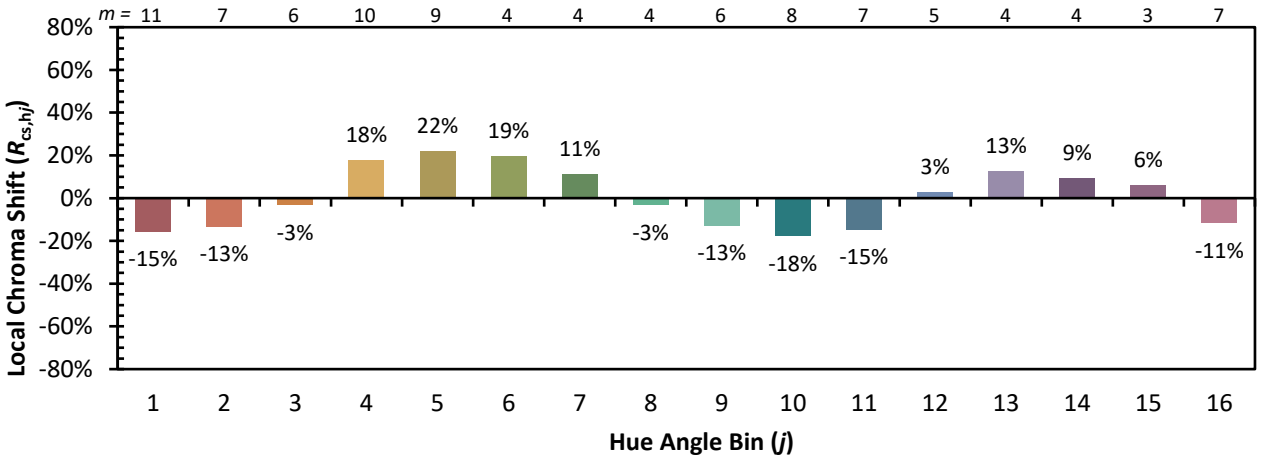
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

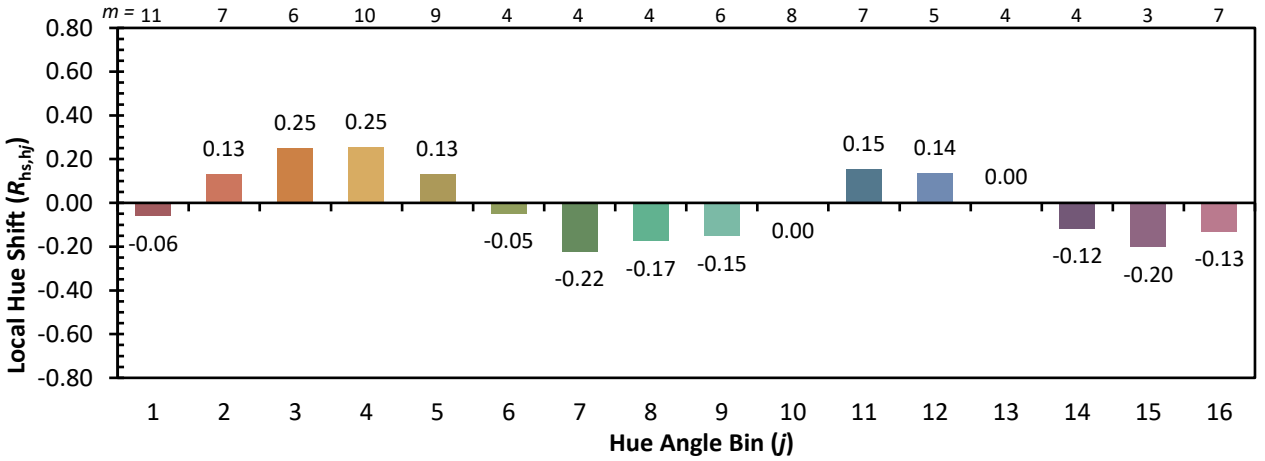


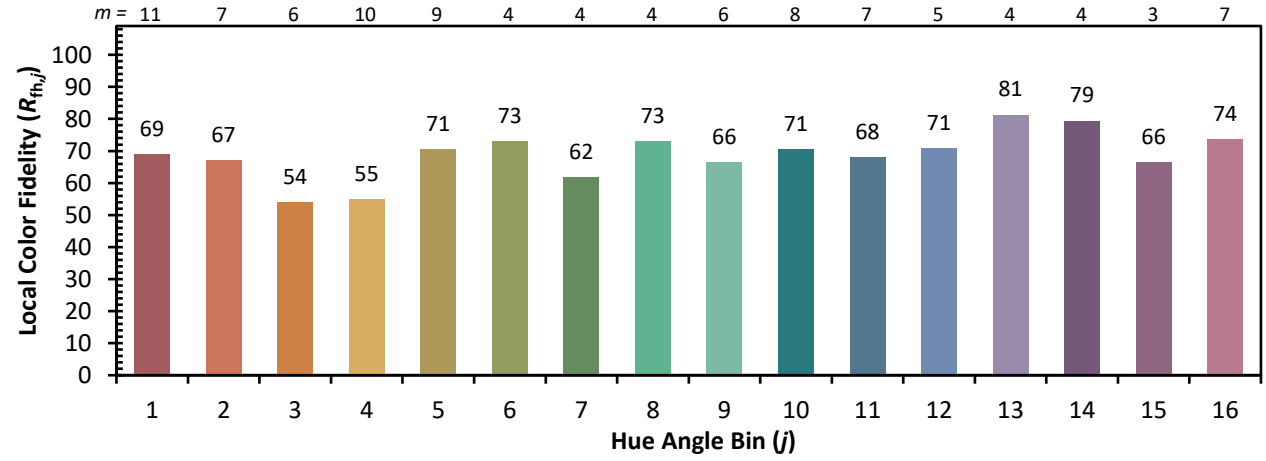
REPORT NUMBER: SP1-2407-184-3

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Color Rendition by Hue-Angle Bin



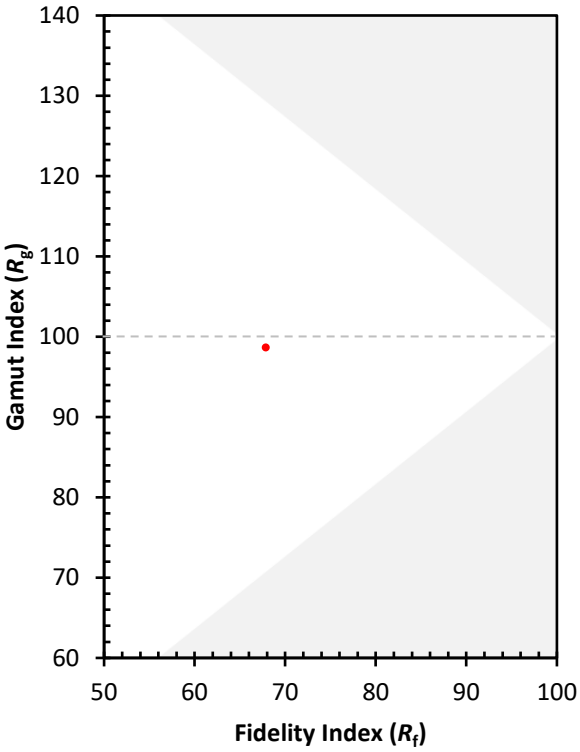


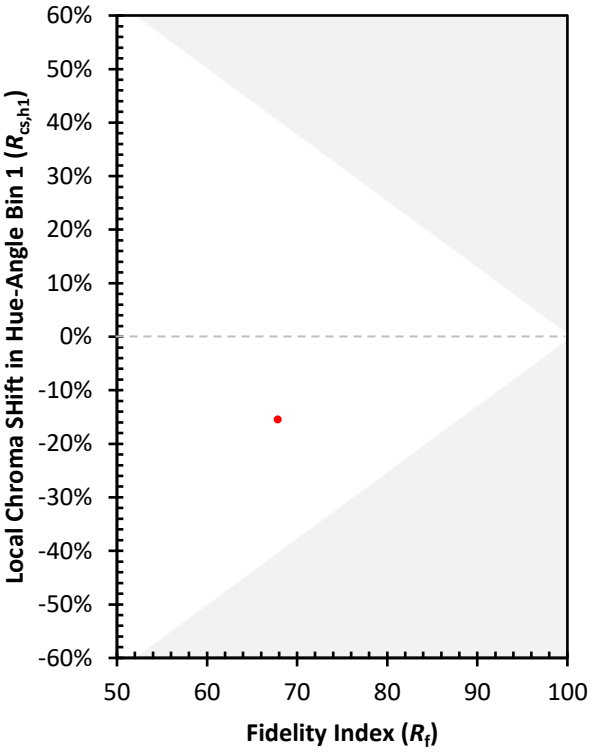


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Measure Comparisons





(END OF REPORT)