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: P1364208

Luminaire Tested: **GSS-SB5B-730-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364208
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(130) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26006 lumens
Efficiency:	N/A
Efficacy:	141.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

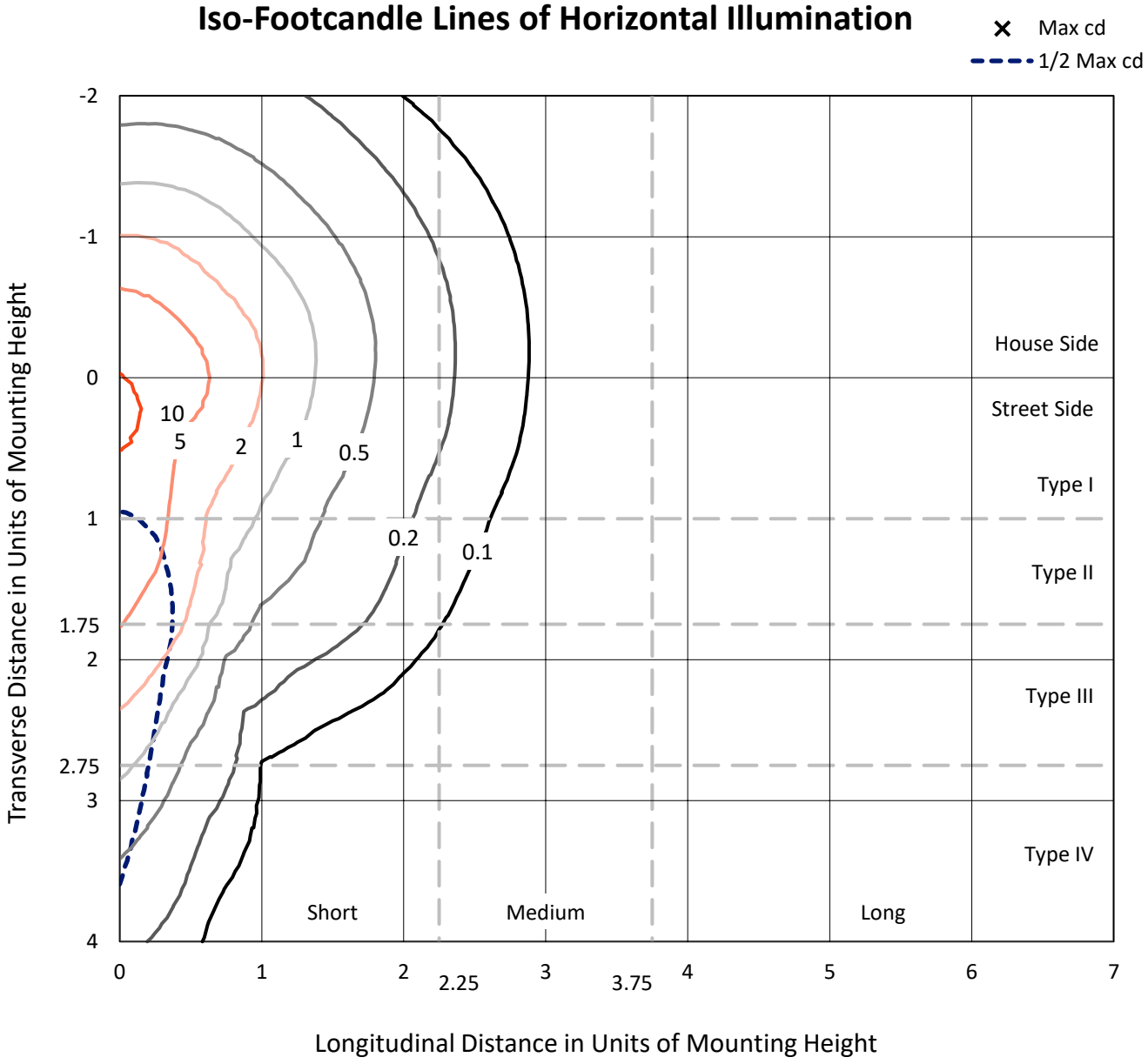
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



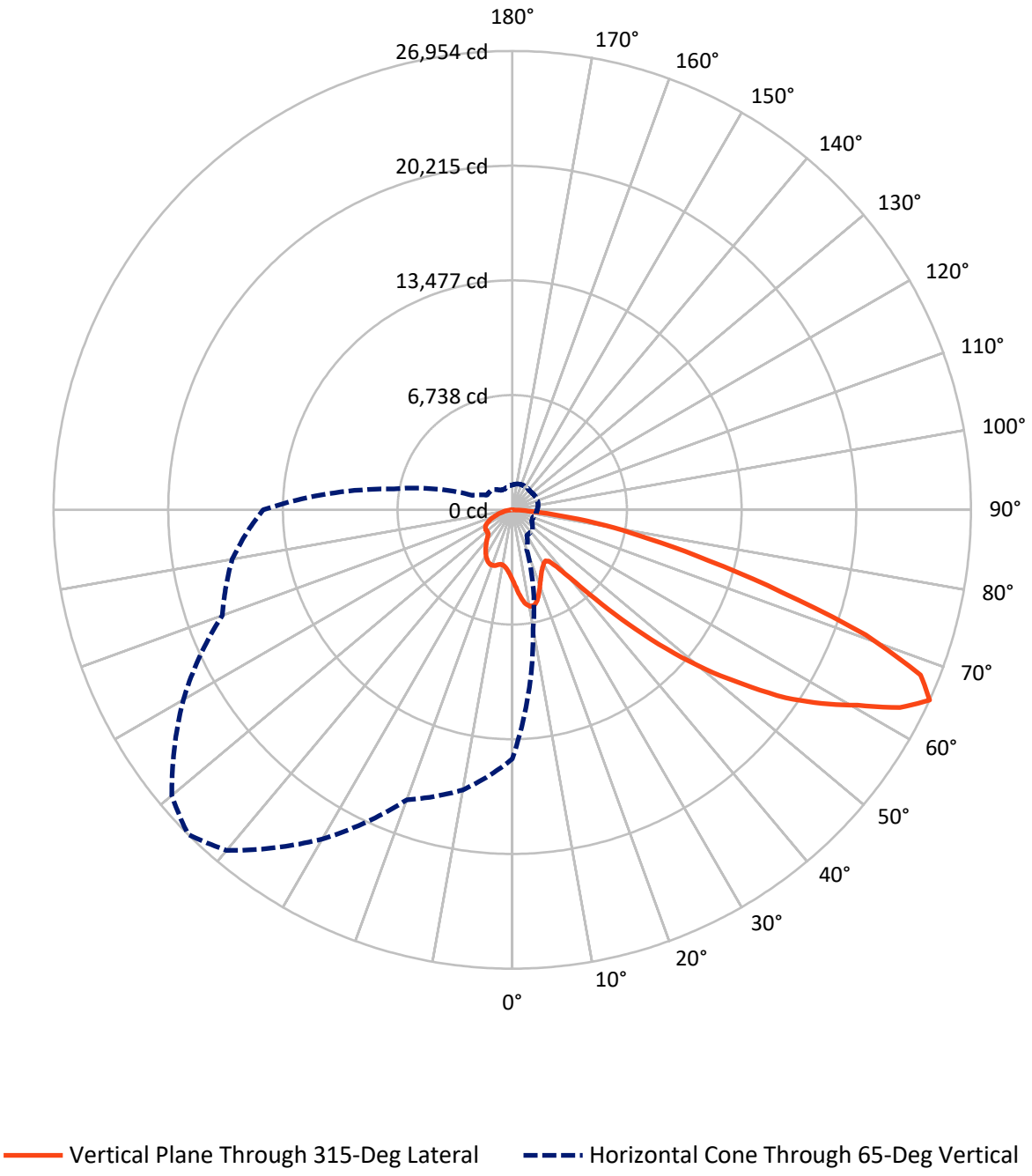
Based on 20 foot mounting height. Maximum calculated value = 12.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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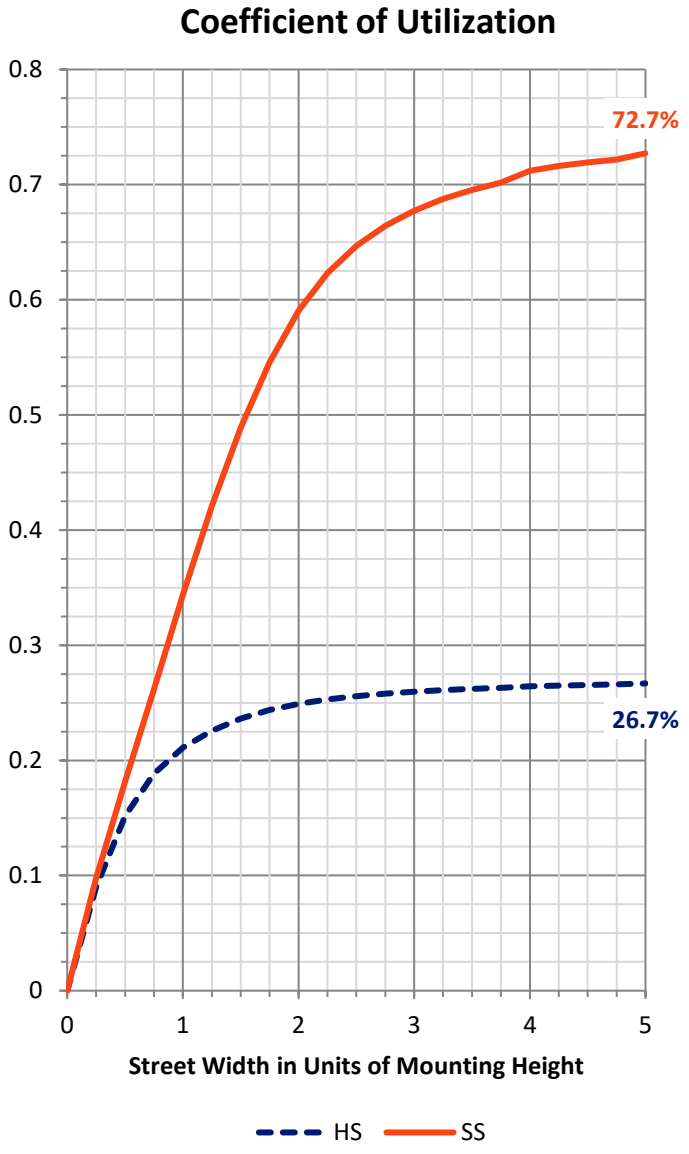
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6996.2	0.0	6996.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	19009.8	0.0	19009.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	26006.0	0.0	26006.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	409.5	1.6
10°-20°	1254.7	4.8
20°-30°	1941.9	7.5
30°-40°	2409.3	9.3
40°-50°	3523.2	13.5
50°-60°	5518.7	21.2
60°-70°	6548.3	25.2
70°-80°	3819.3	14.7
80°-90°	581.0	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°	26006.0	100.0
0°-180°	26006.0	100.0



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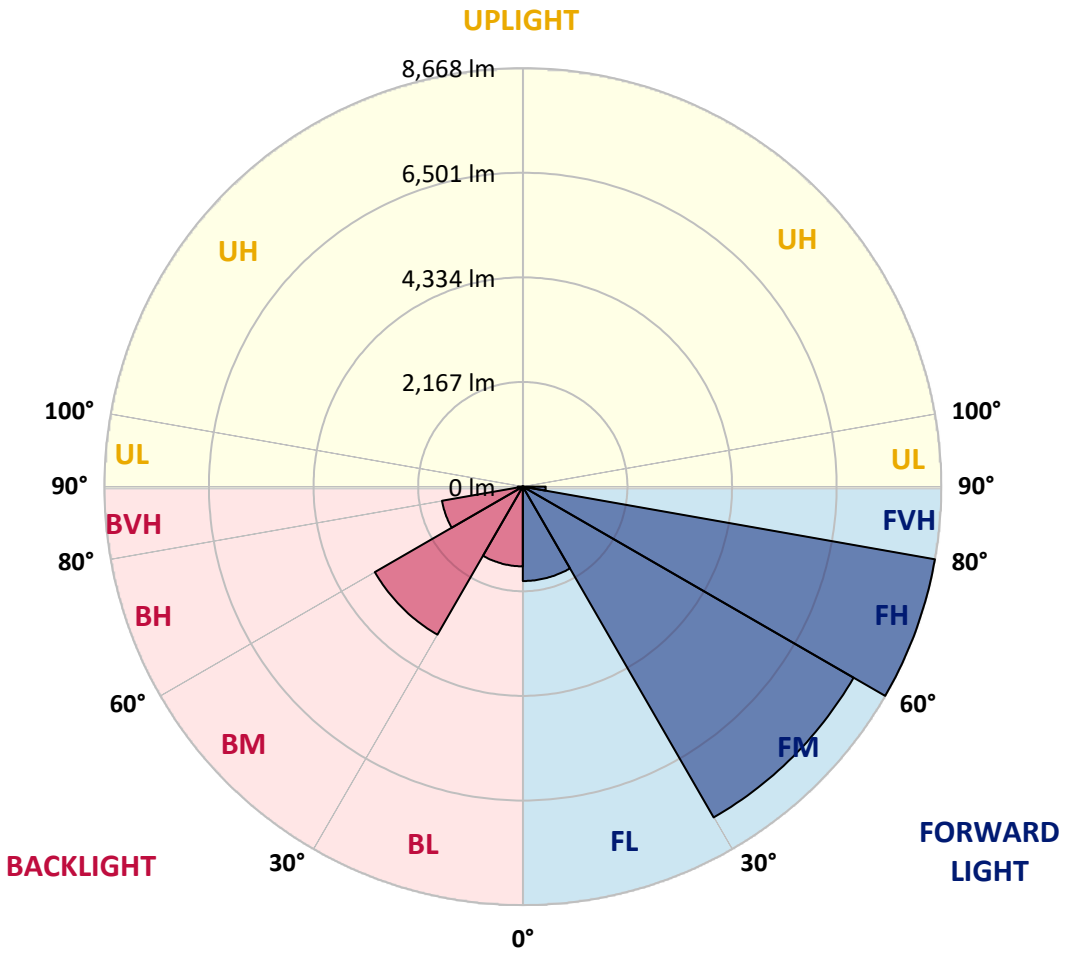
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1954.6	7.5			
FM	(30°-60°)	7911.6	30.4			
FH	(60°-80°)	8668.5	33.3			G4/12000
FVH	(80°-90°)	475.2	1.8			G3/500
BL	(0°-30°)	1651.6	6.4	B3/2500		
BM	(30°-60°)	3539.7	13.6	B3/5000		
BH	(60°-80°)	1699.1	6.5	B3/2500		G3/2500
BVH	(80°-90°)	105.8	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°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7
2.5°	4480.6	4439.9	4399.8	4362.9	4326.1	4289.2	4251.6	4216.0	4179.8	4143.5	4111.7
5°	4785.9	4714.0	4642.8	4567.7	4493.3	4420.2	4347.0	4277.7	4209.0	4137.2	4075.5
7.5°	5094.3	4973.5	4852.7	4738.8	4625.0	4523.2	4421.5	4330.5	4238.9	4143.5	4069.1
10°	5288.3	5143.9	4998.9	4857.7	4715.9	4590.6	4464.7	4359.8	4254.8	4153.1	4073.6
12.5°	5386.9	5243.2	5099.4	4941.1	4782.7	4642.1	4501.6	4385.8	4270.7	4159.4	4081.8
15°	5434.6	5289.0	5143.9	4983.0	4822.1	4670.8	4518.8	4388.4	4258.0	4134.0	4065.3
17.5°	5447.3	5311.2	5175.7	5004.0	4832.3	4659.3	4487.0	4335.0	4183.6	4038.6	3980.1
20°	5488.7	5351.3	5213.9	5029.5	4845.0	4642.1	4439.3	4239.6	4039.9	3847.8	3810.9
22.5°	5533.2	5407.2	5282.0	5079.1	4876.8	4628.8	4380.7	4130.2	3879.6	3650.6	3615.6
25°	5603.1	5494.4	5385.6	5164.3	4943.0	4627.5	4312.1	3999.8	3687.5	3424.8	3421.7
27.5°	5704.9	5621.6	5538.3	5289.0	5040.3	4639.6	4238.9	3866.2	3492.9	3224.5	3240.4
30°	5848.0	5782.5	5717.6	5436.5	5154.8	4665.7	4177.2	3749.8	3323.1	3062.3	3079.5
32.5°	6022.9	5982.2	5941.5	5610.1	5278.8	4694.9	4111.7	3648.1	3185.1	2944.7	2944.7
35°	6318.6	6267.8	6216.9	5794.6	5372.9	4687.9	4003.6	3532.3	3060.4	2874.7	2835.3
37.5°	6693.9	6633.4	6573.0	6019.7	5466.4	4668.2	3870.0	3403.9	2938.3	2792.0	2717.0
40°	7247.2	7128.3	7008.7	6277.3	5545.9	4623.7	3701.5	3250.6	2799.7	2683.9	2589.8
42.5°	8023.1	7771.2	7518.8	6562.2	5604.4	4546.7	3488.4	3068.0	2647.0	2566.2	2449.9
45°	8986.6	8582.8	8178.9	6948.9	5718.9	4494.0	3269.0	2882.3	2496.3	2423.1	2307.4
47.5°	9908.8	9397.5	8886.2	7346.4	5806.7	4432.3	3057.9	2697.9	2339.2	2254.6	2146.5
50°	10977.3	10284.1	9590.8	7693.0	5795.2	4327.3	2858.8	2533.8	2208.2	2092.4	1985.6
52.5°	12347.9	11247.0	10145.4	7857.1	5568.2	4112.4	2657.2	2386.3	2116.6	1968.4	1853.9
55°	13985.6	12214.3	10443.1	7813.9	5184.6	3827.4	2468.9	2262.9	2055.5	1908.0	1773.2
57.5°	15655.1	13026.5	10398.6	7577.9	4757.3	3529.1	2301.0	2158.6	2016.1	1892.1	1726.7
60°	16908.0	13390.3	9871.9	7012.5	4153.1	3152.0	2150.9	2051.1	1951.2	1853.9	1688.6
62.5°	16389.6	12583.2	8776.8	6085.9	3395.0	2673.7	1952.5	1896.5	1841.2	1799.9	1642.1
65°	*14640.7*	*10853.3*	*7065.9*	*4773.8*	*2481.7*	*2101.3*	*1720.4*	*1708.3*	*1696.8*	*1685.4*	*1555.0*
67.5°	12999.8	9321.2	5642.6	3714.9	1787.2	1606.5	1425.9	1459.6	1493.3	1510.5	1421.5
70°	11428.9	7918.8	4408.7	2846.7	1284.7	1221.1	1157.5	1207.8	1258.0	1252.9	1209.7
72.5°	9810.3	6575.6	3340.3	2140.1	940.0	938.7	938.1	976.3	1014.4	963.5	990.9
75°	8032.6	5250.2	2467.7	1586.2	704.7	700.2	696.4	741.6	787.4	807.7	825.5
77.5°	5342.4	3444.6	1546.7	1025.2	503.7	507.5	510.1	559.7	609.3	667.8	671.0
80°	3135.5	1974.8	814.1	566.7	319.3	323.1	325.6	377.8	429.3	512.0	508.8
82.5°	1567.7	989.6	412.1	304.6	197.2	197.8	198.4	223.9	249.3	295.7	308.5
85°	356.2	235.3	114.5	96.7	79.5	83.3	87.8	104.3	120.8	146.3	153.9
87.5°	28.6	28.0	26.7	26.1	25.4	26.7	28.6	31.8	35.0	38.2	44.5
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°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7
2.5°	4077.4	4043.7	4017.0	3990.9	3968.0	3944.5	3917.1	3889.1	3869.4	3849.1	3835.7
5°	4014.4	3954.6	3905.0	3855.4	3814.7	3772.7	3735.8	3698.3	3669.1	3639.2	3615.0
7.5°	3994.7	3920.9	3856.7	3791.8	3737.1	3682.4	3636.6	3590.2	3546.3	3503.1	3475.1
10°	3995.3	3917.7	3851.6	3785.5	3727.6	3669.7	3609.3	3548.9	3500.5	3452.2	3410.2
12.5°	4017.0	3952.7	3906.3	3860.5	3807.1	3753.7	3681.8	3609.3	3543.8	3478.9	3427.4
15°	4023.3	3981.3	3977.5	3973.7	3955.3	3936.8	3870.0	3803.3	3713.0	3622.0	3548.2
17.5°	3974.3	3968.6	4031.6	4094.5	4130.8	4167.1	4120.6	4073.6	3946.4	3819.2	3709.1
20°	3847.1	3882.8	4006.1	4128.9	4226.8	4324.8	4319.7	4315.2	4149.2	3982.6	3838.2
22.5°	3669.1	3721.9	3882.8	4043.7	4184.9	4326.1	4362.3	4397.9	4235.1	4071.7	3893.6
25°	3479.5	3537.4	3686.2	3835.1	3987.1	4139.1	4206.5	4273.9	4139.7	4005.5	3832.5
27.5°	3295.7	3351.7	3462.4	3573.0	3695.1	3817.3	3892.9	3968.6	3886.6	3804.5	3664.6
30°	3122.7	3166.0	3246.1	3326.3	3408.9	3491.6	3552.0	3612.5	3558.4	3504.3	3403.9
32.5°	2963.1	2981.6	3033.7	3085.9	3147.5	3208.6	3242.3	3275.4	3233.4	3191.4	3125.3
35°	2820.0	2804.7	2839.1	2873.4	2923.0	2973.3	2998.7	3024.2	2989.2	2954.2	2895.1
37.5°	2676.3	2634.3	2650.8	2666.1	2708.7	2750.7	2786.9	2823.8	2798.4	2772.9	2722.7
40°	2528.7	2467.7	2466.4	2464.5	2505.2	2545.3	2591.1	2636.2	2631.8	2626.7	2579.0
42.5°	2372.3	2294.7	2286.4	2278.1	2318.2	2358.3	2406.6	2454.9	2464.5	2474.0	2434.6
45°	2227.3	2148.4	2135.7	2123.0	2157.3	2192.9	2245.7	2299.1	2321.4	2343.6	2308.0
47.5°	2078.4	2009.8	2002.1	1993.9	2030.1	2067.0	2125.5	2184.6	2208.2	2232.3	2208.2
50°	1929.6	1873.0	1882.6	1892.1	1932.2	1971.6	2017.4	2063.8	2107.7	2150.9	2146.5
52.5°	1812.0	1769.3	1799.2	1828.5	1864.7	1901.6	1949.3	1997.0	2042.8	2089.3	2096.2
55°	1726.1	1679.0	1721.0	1763.0	1806.9	1850.8	1895.3	1939.8	1983.0	2025.7	2035.2
57.5°	1660.6	1595.1	1637.1	1679.0	1726.7	1774.4	1819.0	1863.5	1913.7	1964.0	1971.6
60°	1605.9	1523.2	1551.2	1578.5	1627.5	1675.9	1722.3	1768.1	1819.0	1869.8	1880.0
62.5°	1534.0	1425.9	1429.7	1432.3	1487.6	1542.3	1580.5	1618.6	1666.9	1715.9	1730.5
65°	*1438.6*	*1322.9*	*1310.2*	*1297.4*	*1349.6*	*1402.4*	*1432.3*	*1462.8*	*1504.8*	*1546.7*	*1561.4*
67.5°	1319.1	1216.0	1190.0	1163.9	1212.2	1260.5	1285.4	1310.2	1338.8	1367.4	1383.9
70°	1148.6	1087.6	1071.0	1054.5	1093.9	1133.3	1155.0	1176.6	1199.5	1222.4	1231.3
72.5°	976.9	963.5	951.5	940.0	969.9	999.8	1018.2	1036.7	1058.3	1079.9	1085.0
75°	817.9	810.9	802.0	793.7	816.6	839.5	853.5	868.1	890.4	912.7	922.2
77.5°	654.4	637.3	628.4	618.2	639.2	660.2	673.5	686.9	705.3	723.8	726.3
80°	488.4	467.5	460.5	452.8	468.1	483.4	488.4	492.9	508.2	522.8	522.8
82.5°	308.5	308.5	304.0	298.9	295.7	292.6	286.2	279.8	295.1	310.4	315.5
85°	155.2	155.8	148.8	141.2	132.3	122.1	120.2	117.7	117.0	115.8	120.2
87.5°	48.3	52.2	56.0	58.5	62.3	64.9	63.0	60.4	57.9	56.0	50.9
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°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7
2.5°	3822.3	3816.0	3809.6	3804.5	3800.1	3796.9	3800.1	3804.5	3809.6	3816.0	3822.3
5°	3590.2	3580.0	3569.2	3562.2	3555.2	3548.9	3555.2	3562.2	3569.2	3580.0	3590.2
7.5°	3447.1	3430.6	3414.0	3401.9	3389.9	3383.5	3389.9	3401.9	3414.0	3430.6	3447.1
10°	3369.5	3346.0	3323.1	3310.4	3297.6	3288.1	3297.6	3310.4	3323.1	3346.0	3369.5
12.5°	3375.9	3346.6	3318.6	3299.6	3280.5	3269.0	3280.5	3299.6	3318.6	3346.6	3375.9
15°	3473.8	3433.1	3391.1	3367.6	3344.1	3326.3	3344.1	3367.6	3391.1	3433.1	3473.8
17.5°	3599.7	3540.0	3480.2	3459.2	3437.6	3428.0	3437.6	3459.2	3480.2	3540.0	3599.7
20°	3693.9	3613.7	3534.9	3503.1	3471.3	3459.8	3471.3	3503.1	3534.9	3613.7	3693.9
22.5°	3715.5	3621.4	3526.6	3496.7	3466.2	3453.5	3466.2	3496.7	3526.6	3621.4	3715.5
25°	3660.2	3560.9	3461.1	3430.6	3399.4	3389.9	3399.4	3430.6	3461.1	3560.9	3660.2
27.5°	3524.7	3436.9	3348.5	3316.1	3283.0	3262.7	3283.0	3316.1	3348.5	3436.9	3524.7
30°	3304.0	3238.5	3173.6	3153.3	3132.3	3122.7	3132.3	3153.3	3173.6	3238.5	3304.0
32.5°	3059.1	3018.4	2977.7	2964.4	2951.0	2944.7	2951.0	2964.4	2977.7	3018.4	3059.1
35°	2836.5	2807.3	2778.0	2767.2	2757.0	2747.5	2757.0	2767.2	2778.0	2807.3	2836.5
37.5°	2672.5	2638.1	2602.5	2583.4	2564.3	2550.3	2564.3	2583.4	2602.5	2638.1	2672.5
40°	2531.3	2481.7	2432.7	2406.6	2379.9	2365.9	2379.9	2406.6	2432.7	2481.7	2531.3
42.5°	2394.5	2337.3	2280.0	2240.0	2200.5	2175.1	2200.5	2240.0	2280.0	2337.3	2394.5
45°	2271.8	2207.5	2143.3	2095.6	2047.9	2016.1	2047.9	2095.6	2143.3	2207.5	2271.8
47.5°	2184.6	2129.3	2073.4	2031.4	1989.4	1958.9	1989.4	2031.4	2073.4	2129.3	2184.6
50°	2142.0	2098.2	2054.3	2014.8	1974.8	1946.2	1974.8	2014.8	2054.3	2098.2	2142.0
52.5°	2103.9	2072.1	2040.3	2005.9	1971.6	1946.2	1971.6	2005.9	2040.3	2072.1	2103.9
55°	2044.7	2021.8	1998.3	1972.9	1947.4	1927.1	1947.4	1972.9	1998.3	2021.8	2044.7
57.5°	1979.2	1955.1	1930.3	1911.2	1892.1	1882.6	1892.1	1911.2	1930.3	1955.1	1979.2
60°	1890.2	1871.1	1852.0	1834.2	1815.8	1799.9	1815.8	1834.2	1852.0	1871.1	1890.2
62.5°	1745.8	1736.9	1728.6	1708.3	1688.6	1666.3	1688.6	1708.3	1728.6	1736.9	1745.8
65°	*1576.0*	*1571.5*	*1567.7*	*1553.1*	*1539.1*	*1513.7*	*1539.1*	*1553.1*	*1567.7*	*1571.5*	*1576.0*
67.5°	1400.5	1392.2	1383.3	1368.0	1353.4	1348.3	1353.4	1368.0	1383.3	1392.2	1400.5
70°	1240.2	1227.5	1214.8	1180.4	1146.1	1106.6	1146.1	1180.4	1214.8	1227.5	1240.2
72.5°	1090.7	1071.0	1050.7	1010.6	969.9	928.6	969.9	1010.6	1050.7	1071.0	1090.7
75°	931.7	903.8	876.4	833.8	791.8	763.2	791.8	833.8	876.4	903.8	931.7
77.5°	730.1	706.0	681.8	656.3	630.9	616.9	630.9	656.3	681.8	706.0	730.1
80°	522.8	505.0	486.5	473.8	461.1	451.6	461.1	473.8	486.5	505.0	522.8
82.5°	321.2	312.9	305.3	291.3	276.7	267.1	276.7	291.3	305.3	312.9	321.2
85°	124.0	122.1	120.8	115.8	111.3	108.1	111.3	115.8	120.8	122.1	124.0
87.5°	45.8	42.0	38.2	35.6	33.1	31.8	33.1	35.6	38.2	42.0	45.8
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: P1364208
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7
2.5°	3835.7	3849.1	3869.4	3889.1	3917.1	3944.5	3968.0	3990.9	4017.0	4043.7	4077.4
5°	3615.0	3639.2	3669.1	3698.3	3735.8	3772.7	3814.7	3855.4	3905.0	3954.6	4014.4
7.5°	3475.1	3503.1	3546.3	3590.2	3636.6	3682.4	3737.1	3791.8	3856.7	3920.9	3994.7
10°	3410.2	3452.2	3500.5	3548.9	3609.3	3669.7	3727.6	3785.5	3851.6	3917.7	3995.3
12.5°	3427.4	3478.9	3543.8	3609.3	3681.8	3753.7	3807.1	3860.5	3906.3	3952.7	4017.0
15°	3548.2	3622.0	3713.0	3803.3	3870.0	3936.8	3955.3	3973.7	3977.5	3981.3	4023.3
17.5°	3709.1	3819.2	3946.4	4073.6	4120.6	4167.1	4130.8	4094.5	4031.6	3968.6	3974.3
20°	3838.2	3982.6	4149.2	4315.2	4319.7	4324.8	4226.8	4128.9	4006.1	3882.8	3847.1
22.5°	3893.6	4071.7	4235.1	4397.9	4362.3	4326.1	4184.9	4043.7	3882.8	3721.9	3669.1
25°	3832.5	4005.5	4139.7	4273.9	4206.5	4139.1	3987.1	3835.1	3686.2	3537.4	3479.5
27.5°	3664.6	3804.5	3886.6	3968.6	3892.9	3817.3	3695.1	3573.0	3462.4	3351.7	3295.7
30°	3403.9	3504.3	3558.4	3612.5	3552.0	3491.6	3408.9	3326.3	3246.1	3166.0	3122.7
32.5°	3125.3	3191.4	3233.4	3275.4	3242.3	3208.6	3147.5	3085.9	3033.7	2981.6	2963.1
35°	2895.1	2954.2	2989.2	3024.2	2998.7	2973.3	2923.0	2873.4	2839.1	2804.7	2820.0
37.5°	2722.7	2772.9	2798.4	2823.8	2786.9	2750.7	2708.7	2666.1	2650.8	2634.3	2676.3
40°	2579.0	2626.7	2631.8	2636.2	2591.1	2545.3	2505.2	2464.5	2466.4	2467.7	2528.7
42.5°	2434.6	2474.0	2464.5	2454.9	2406.6	2358.3	2318.2	2278.1	2286.4	2294.7	2372.3
45°	2308.0	2343.6	2321.4	2299.1	2245.7	2192.9	2157.3	2123.0	2135.7	2148.4	2227.3
47.5°	2208.2	2232.3	2208.2	2184.6	2125.5	2067.0	2030.1	1993.9	2002.1	2009.8	2078.4
50°	2146.5	2150.9	2107.7	2063.8	2017.4	1971.6	1932.2	1892.1	1882.6	1873.0	1929.6
52.5°	2096.2	2089.3	2042.8	1997.0	1949.3	1901.6	1864.7	1828.5	1799.2	1769.3	1812.0
55°	2035.2	2025.7	1983.0	1939.8	1895.3	1850.8	1806.9	1763.0	1721.0	1679.0	1726.1
57.5°	1971.6	1964.0	1913.7	1863.5	1819.0	1774.4	1726.7	1679.0	1637.1	1595.1	1660.6
60°	1880.0	1869.8	1819.0	1768.1	1722.3	1675.9	1627.5	1578.5	1551.2	1523.2	1605.9
62.5°	1730.5	1715.9	1666.9	1618.6	1580.5	1542.3	1487.6	1432.3	1429.7	1425.9	1534.0
65°	*1561.4*	*1546.7*	*1504.8*	*1462.8*	*1432.3*	*1402.4*	*1349.6*	*1297.4*	*1310.2*	*1322.9*	*1438.6*
67.5°	1383.9	1367.4	1338.8	1310.2	1285.4	1260.5	1212.2	1163.9	1190.0	1216.0	1319.1
70°	1231.3	1222.4	1199.5	1176.6	1155.0	1133.3	1093.9	1054.5	1071.0	1087.6	1148.6
72.5°	1085.0	1079.9	1058.3	1036.7	1018.2	999.8	969.9	940.0	951.5	963.5	976.9
75°	922.2	912.7	890.4	868.1	853.5	839.5	816.6	793.7	802.0	810.9	817.9
77.5°	726.3	723.8	705.3	686.9	673.5	660.2	639.2	618.2	628.4	637.3	654.4
80°	522.8	522.8	508.2	492.9	488.4	483.4	468.1	452.8	460.5	467.5	488.4
82.5°	315.5	310.4	295.1	279.8	286.2	292.6	295.7	298.9	304.0	308.5	308.5
85°	120.2	115.8	117.0	117.7	120.2	122.1	132.3	141.2	148.8	155.8	155.2
87.5°	50.9	56.0	57.9	60.4	63.0	64.9	62.3	58.5	56.0	52.2	48.3
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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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7
2.5°	4111.7	4143.5	4179.8	4216.0	4251.6	4289.2	4326.1	4362.9	4399.8	4439.9	4480.6
5°	4075.5	4137.2	4209.0	4277.7	4347.0	4420.2	4493.3	4567.7	4642.8	4714.0	4785.9
7.5°	4069.1	4143.5	4238.9	4330.5	4421.5	4523.2	4625.0	4738.8	4852.7	4973.5	5094.3
10°	4073.6	4153.1	4254.8	4359.8	4464.7	4590.6	4715.9	4857.7	4998.9	5143.9	5288.3
12.5°	4081.8	4159.4	4270.7	4385.8	4501.6	4642.1	4782.7	4941.1	5099.4	5243.2	5386.9
15°	4065.3	4134.0	4258.0	4388.4	4518.8	4670.8	4822.1	4983.0	5143.9	5289.0	5434.6
17.5°	3980.1	4038.6	4183.6	4335.0	4487.0	4659.3	4832.3	5004.0	5175.7	5311.2	5447.3
20°	3810.9	3847.8	4039.9	4239.6	4439.3	4642.1	4845.0	5029.5	5213.9	5351.3	5488.7
22.5°	3615.6	3650.6	3879.6	4130.2	4380.7	4628.8	4876.8	5079.1	5282.0	5407.2	5533.2
25°	3421.7	3424.8	3687.5	3999.8	4312.1	4627.5	4943.0	5164.3	5385.6	5494.4	5603.1
27.5°	3240.4	3224.5	3492.9	3866.2	4238.9	4639.6	5040.3	5289.0	5538.3	5621.6	5704.9
30°	3079.5	3062.3	3323.1	3749.8	4177.2	4665.7	5154.8	5436.5	5717.6	5782.5	5848.0
32.5°	2944.7	2944.7	3185.1	3648.1	4111.7	4694.9	5278.8	5610.1	5941.5	5982.2	6022.9
35°	2835.3	2874.7	3060.4	3532.3	4003.6	4687.9	5372.9	5794.6	6216.9	6267.8	6318.6
37.5°	2717.0	2792.0	2938.3	3403.9	3870.0	4668.2	5466.4	6019.7	6573.0	6633.4	6693.9
40°	2589.8	2683.9	2799.7	3250.6	3701.5	4623.7	5545.9	6277.3	7008.7	7128.3	7247.2
42.5°	2449.9	2566.2	2647.0	3068.0	3488.4	4546.7	5604.4	6562.2	7518.8	7771.2	8023.1
45°	2307.4	2423.1	2496.3	2882.3	3269.0	4494.0	5718.9	6948.9	8178.9	8582.8	8986.6
47.5°	2146.5	2254.6	2339.2	2697.9	3057.9	4432.3	5806.7	7346.4	8886.2	9397.5	9908.8
50°	1985.6	2092.4	2208.2	2533.8	2858.8	4327.3	5795.2	7693.0	9590.8	10284.1	10977.3
52.5°	1853.9	1968.4	2116.6	2386.3	2657.2	4112.4	5568.2	7857.1	10145.4	11247.0	12347.9
55°	1773.2	1908.0	2055.5	2262.9	2468.9	3827.4	5184.6	7813.9	10443.1	12214.3	13985.6
57.5°	1726.7	1892.1	2016.1	2158.6	2301.0	3529.1	4757.3	7577.9	10398.6	13026.5	15655.1
60°	1688.6	1853.9	1951.2	2051.1	2150.9	3152.0	4153.1	7012.5	9871.9	13390.3	16908.0
62.5°	1642.1	1799.9	1841.2	1896.5	1952.5	2673.7	3395.0	6085.9	8776.8	12583.2	16389.6
65°	*1555.0*	*1685.4*	*1696.8*	*1708.3*	*1720.4*	*2101.3*	*2481.7*	*4773.8*	*7065.9*	*10853.3*	*14640.7*
67.5°	1421.5	1510.5	1493.3	1459.6	1425.9	1606.5	1787.2	3714.9	5642.6	9321.2	12999.8
70°	1209.7	1252.9	1258.0	1207.8	1157.5	1221.1	1284.7	2846.7	4408.7	7918.8	11428.9
72.5°	990.9	963.5	1014.4	976.3	938.1	938.7	940.0	2140.1	3340.3	6575.6	9810.3
75°	825.5	807.7	787.4	741.6	696.4	700.2	704.7	1586.2	2467.7	5250.2	8032.6
77.5°	671.0	667.8	609.3	559.7	510.1	507.5	503.7	1025.2	1546.7	3444.6	5342.4
80°	508.8	512.0	429.3	377.8	325.6	323.1	319.3	566.7	814.1	1974.8	3135.5
82.5°	308.5	295.7	249.3	223.9	198.4	197.8	197.2	304.6	412.1	989.6	1567.7
85°	153.9	146.3	120.8	104.3	87.8	83.3	79.5	96.7	114.5	235.3	356.2
87.5°	44.5	38.2	35.0	31.8	28.6	26.7	25.4	26.1	26.7	28.0	28.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	*4146.7*	4146.7	4146.7
2.5°	4496.5	4512.4	4529.6	4547.4	4557.6	4567.7	4578.5	4588.7	*4598.3*	4588.7	4578.5
5°	4857.7	4929.0	4977.3	5025.6	5062.5	5099.4	5120.4	5142.0	*5145.2*	5142.0	5120.4
7.5°	5179.6	5264.8	5338.6	5412.3	5459.4	5506.5	5533.8	5561.8	*5571.3*	5561.8	5533.8
10°	5388.2	5488.7	5559.9	5631.8	5675.6	5718.9	5740.5	5762.1	*5768.5*	5762.1	5740.5
12.5°	5482.9	5579.0	5634.3	5689.0	5717.0	5744.3	5754.5	5763.4	*5755.8*	5763.4	5754.5
15°	5491.2	5547.2	5570.7	5593.6	5580.2	5566.2	5546.5	5526.8	*5514.1*	5526.8	5546.5
17.5°	5467.0	5487.4	5444.8	5402.8	5326.5	5250.2	5192.9	5135.7	*5094.3*	5135.7	5192.9
20°	5456.9	5425.1	5311.8	5199.3	5056.2	4913.1	4817.0	4720.4	*4661.9*	4720.4	4817.0
22.5°	5443.5	5353.8	5163.7	4973.5	4777.6	4582.4	4471.7	4361.7	*4299.3*	4361.7	4471.7
25°	5449.2	5294.7	5037.7	4781.4	4551.2	4321.6	4201.4	4081.8	*4013.1*	4081.8	4201.4
27.5°	5469.6	5234.3	4916.3	4598.3	4348.9	4099.0	3984.5	3870.0	*3809.6*	3870.0	3984.5
30°	5535.7	5222.8	4842.5	4461.5	4200.8	3940.0	3828.1	3715.5	*3650.6*	3715.5	3828.1
32.5°	5628.6	5234.3	4808.1	4382.0	4116.2	3851.0	3743.5	3636.6	*3580.7*	3636.6	3743.5
35°	5819.4	5320.1	4847.6	4375.7	4128.9	3882.8	3803.9	3725.7	*3695.1*	3725.7	3803.9
37.5°	6110.7	5526.8	5040.3	4553.7	4385.8	4217.9	4217.9	4217.9	*4242.1*	4217.9	4217.9
40°	6592.1	5937.0	5476.6	5016.7	5006.6	4997.7	5104.5	5212.0	*5259.7*	5212.0	5104.5
42.5°	7330.5	6638.5	6267.1	5895.7	6118.3	6340.9	6650.0	6959.1	*7161.3*	6959.1	6650.0
45°	8312.5	7638.3	7378.8	7120.0	7615.4	8110.2	8656.6	9202.9	*9590.8*	9202.9	8656.6
47.5°	9341.5	8773.6	8625.4	8477.8	9301.5	10125.1	10925.8	11726.5	*12198.4*	11726.5	10925.8
50°	10467.2	9956.5	9927.9	9899.3	10996.4	12093.5	13127.0	14160.5	*14736.1*	14160.5	13127.0
52.5°	11787.6	11226.6	11249.5	11271.1	12574.3	13877.5	15127.2	16376.9	*17025.6*	16376.9	15127.2
55°	13282.8	12580.0	12576.2	12572.4	14069.5	15567.9	17103.2	18639.8	*19506.0*	18639.8	17103.2
57.5°	14996.8	14338.6	14182.1	14025.0	15590.8	17156.0	18851.6	20547.8	*21458.5*	20547.8	18851.6
60°	16545.5	16182.9	15932.4	15682.4	17290.2	18898.7	20650.2	22401.1	*23309.3*	22401.1	20650.2
62.5°	17037.7	17685.8	17667.4	17648.9	19384.6	21120.2	22941.7	24764.5	*25579.8*	24764.5	22941.7
65°	*15674.1*	*16707.6*	*17418.7*	*18129.1*	*20227.3*	*22324.8*	*24222.6*	*26120.4*	*26953.6*	*26120.4*	*24222.6*
67.5°	13910.5	14821.9	15403.8	15985.8	18349.8	20714.4	22867.9	25021.4	*25878.7*	25021.4	22867.9
70°	12437.6	13446.2	13862.2	14278.1	16286.6	18294.5	19998.3	21701.5	*22037.3*	21701.5	19998.3
72.5°	11009.7	12209.9	12386.0	12562.2	14023.7	15485.3	16392.8	17300.4	*16567.7*	17300.4	16392.8
75°	9386.0	10738.8	10856.5	10974.1	11429.5	11885.5	12116.4	12347.9	*11931.3*	12347.9	12116.4
77.5°	6513.9	7686.0	7950.0	8213.9	8517.3	8821.3	8805.4	8789.5	*8204.4*	8789.5	8805.4
80°	4051.9	4968.4	5002.8	5037.1	5264.8	5491.8	5724.0	5956.1	*5584.1*	5956.1	5724.0
82.5°	2070.8	2574.5	2652.1	2729.7	2869.0	3008.3	3073.1	3138.6	*2823.8*	3138.6	3073.1
85°	487.2	618.2	744.8	871.3	1017.6	1163.9	1147.3	1130.8	*954.0*	1130.8	1147.3
87.5°	29.3	30.5	31.2	31.8	32.4	33.1	35.0	36.9	*38.2*	36.9	35.0
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):

	330°	335°	340°	345°	350°	355°	360°
0°	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7	4146.7
2.5°	4567.7	4557.6	4547.4	4529.6	4512.4	4496.5	4480.6
5°	5099.4	5062.5	5025.6	4977.3	4929.0	4857.7	4785.9
7.5°	5506.5	5459.4	5412.3	5338.6	5264.8	5179.6	5094.3
10°	5718.9	5675.6	5631.8	5559.9	5488.7	5388.2	5288.3
12.5°	5744.3	5717.0	5689.0	5634.3	5579.0	5482.9	5386.9
15°	5566.2	5580.2	5593.6	5570.7	5547.2	5491.2	5434.6
17.5°	5250.2	5326.5	5402.8	5444.8	5487.4	5467.0	5447.3
20°	4913.1	5056.2	5199.3	5311.8	5425.1	5456.9	5488.7
22.5°	4582.4	4777.6	4973.5	5163.7	5353.8	5443.5	5533.2
25°	4321.6	4551.2	4781.4	5037.7	5294.7	5449.2	5603.1
27.5°	4099.0	4348.9	4598.3	4916.3	5234.3	5469.6	5704.9
30°	3940.0	4200.8	4461.5	4842.5	5222.8	5535.7	5848.0
32.5°	3851.0	4116.2	4382.0	4808.1	5234.3	5628.6	6022.9
35°	3882.8	4128.9	4375.7	4847.6	5320.1	5819.4	6318.6
37.5°	4217.9	4385.8	4553.7	5040.3	5526.8	6110.7	6693.9
40°	4997.7	5006.6	5016.7	5476.6	5937.0	6592.1	7247.2
42.5°	6340.9	6118.3	5895.7	6267.1	6638.5	7330.5	8023.1
45°	8110.2	7615.4	7120.0	7378.8	7638.3	8312.5	8986.6
47.5°	10125.1	9301.5	8477.8	8625.4	8773.6	9341.5	9908.8
50°	12093.5	10996.4	9899.3	9927.9	9956.5	10467.2	10977.3
52.5°	13877.5	12574.3	11271.1	11249.5	11226.6	11787.6	12347.9
55°	15567.9	14069.5	12572.4	12576.2	12580.0	13282.8	13985.6
57.5°	17156.0	15590.8	14025.0	14182.1	14338.6	14996.8	15655.1
60°	18898.7	17290.2	15682.4	15932.4	16182.9	16545.5	16908.0
62.5°	21120.2	19384.6	17648.9	17667.4	17685.8	17037.7	16389.6
65°	*22324.8*	*20227.3*	*18129.1*	*17418.7*	*16707.6*	*15674.1*	*14640.7*
67.5°	20714.4	18349.8	15985.8	15403.8	14821.9	13910.5	12999.8
70°	18294.5	16286.6	14278.1	13862.2	13446.2	12437.6	11428.9
72.5°	15485.3	14023.7	12562.2	12386.0	12209.9	11009.7	9810.3
75°	11885.5	11429.5	10974.1	10856.5	10738.8	9386.0	8032.6
77.5°	8821.3	8517.3	8213.9	7950.0	7686.0	6513.9	5342.4
80°	5491.8	5264.8	5037.1	5002.8	4968.4	4051.9	3135.5
82.5°	3008.3	2869.0	2729.7	2652.1	2574.5	2070.8	1567.7
85°	1163.9	1017.6	871.3	744.8	618.2	487.2	356.2
87.5°	33.1	32.4	31.8	31.2	30.5	29.3	28.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

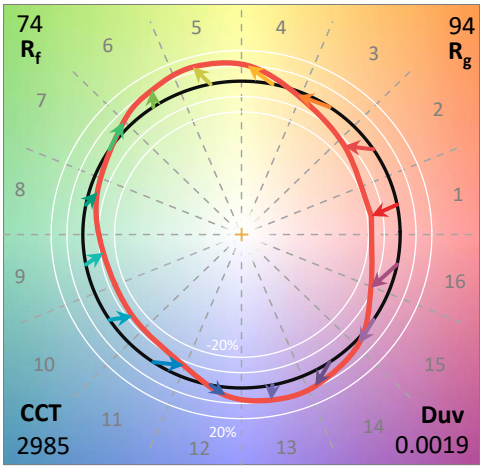
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

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

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



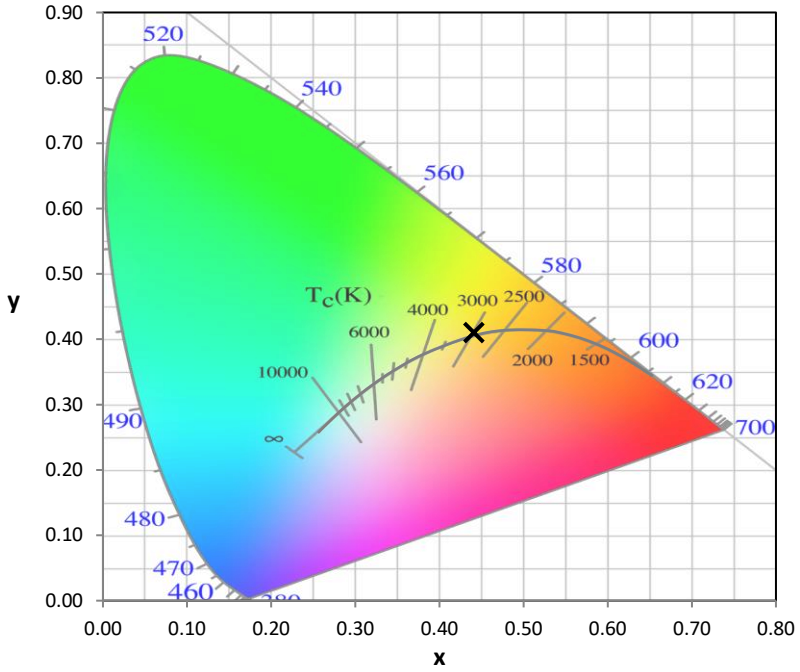
Test Conditions

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

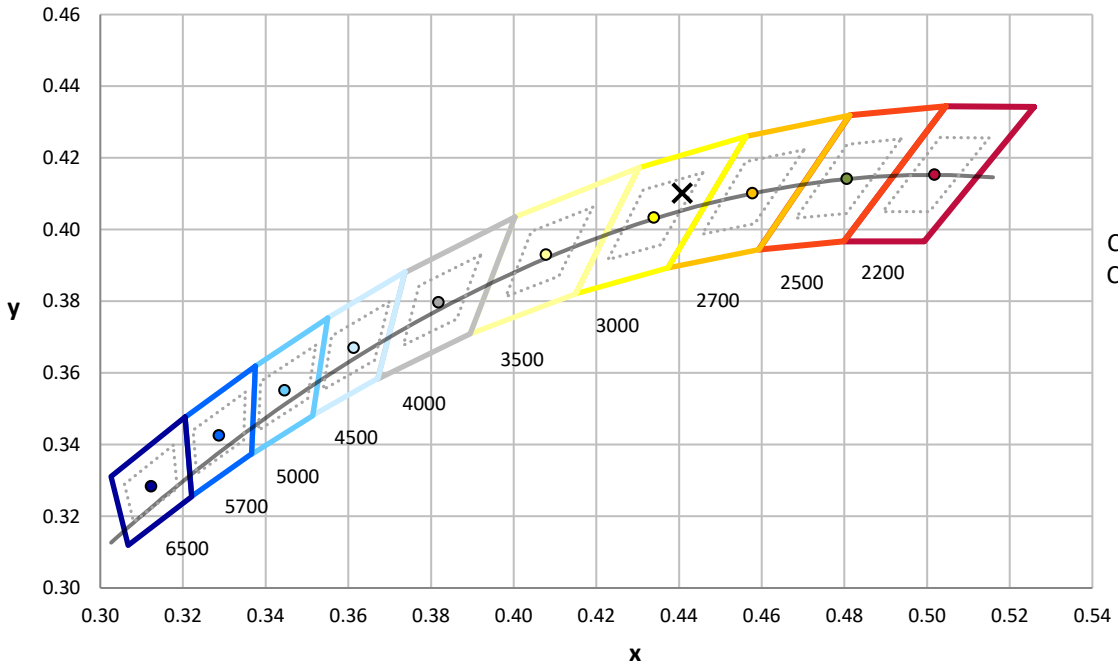
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

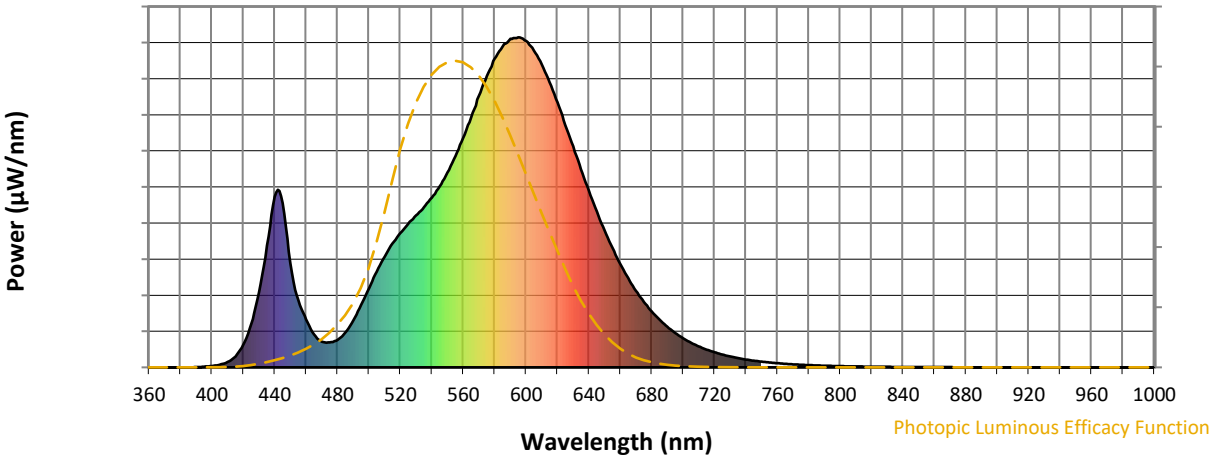


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

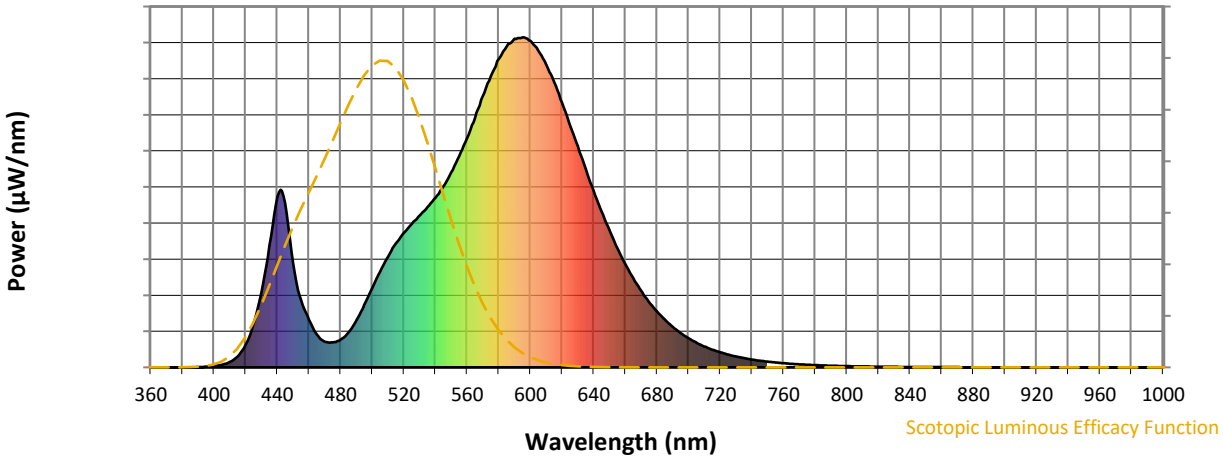


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

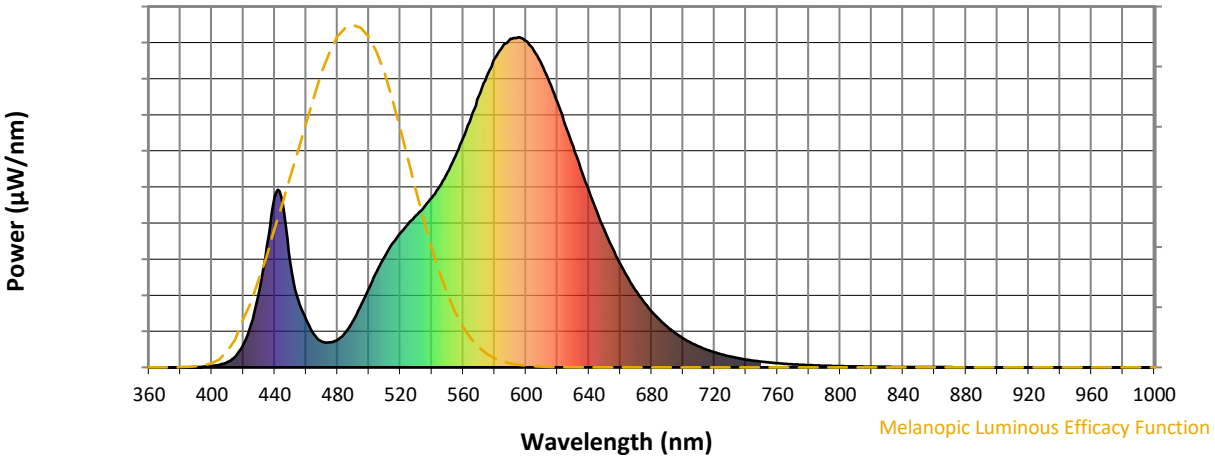


Scotopic Lumens: NR **S/P: 1.19**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



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

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

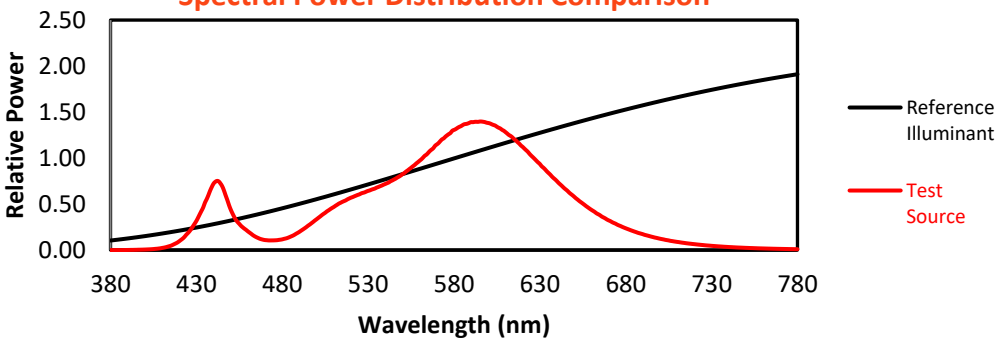
REPORT NUMBER: SP1-2407-184-4

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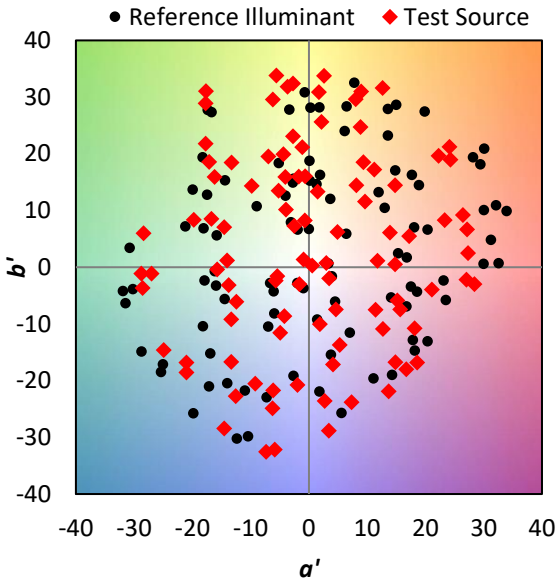
Summary

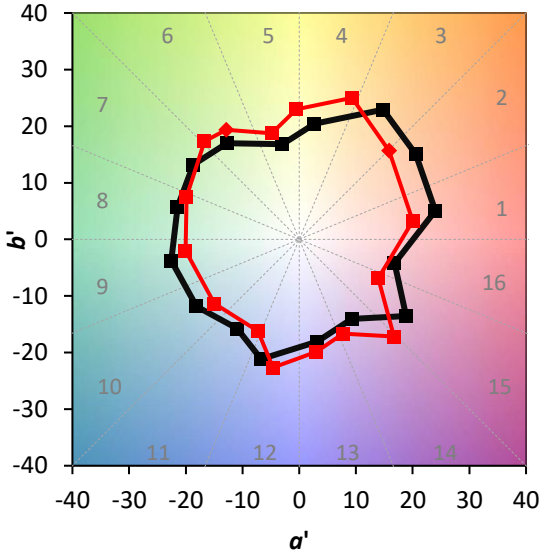
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

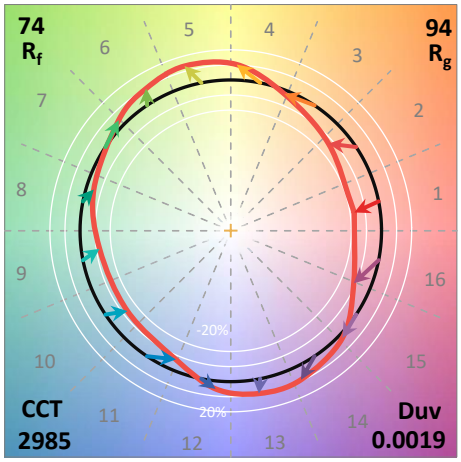
Spectral Power Distribution Comparison

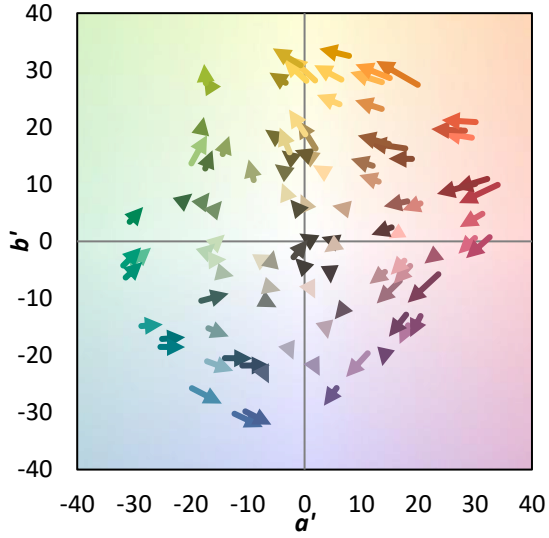


Color Vector Graphics







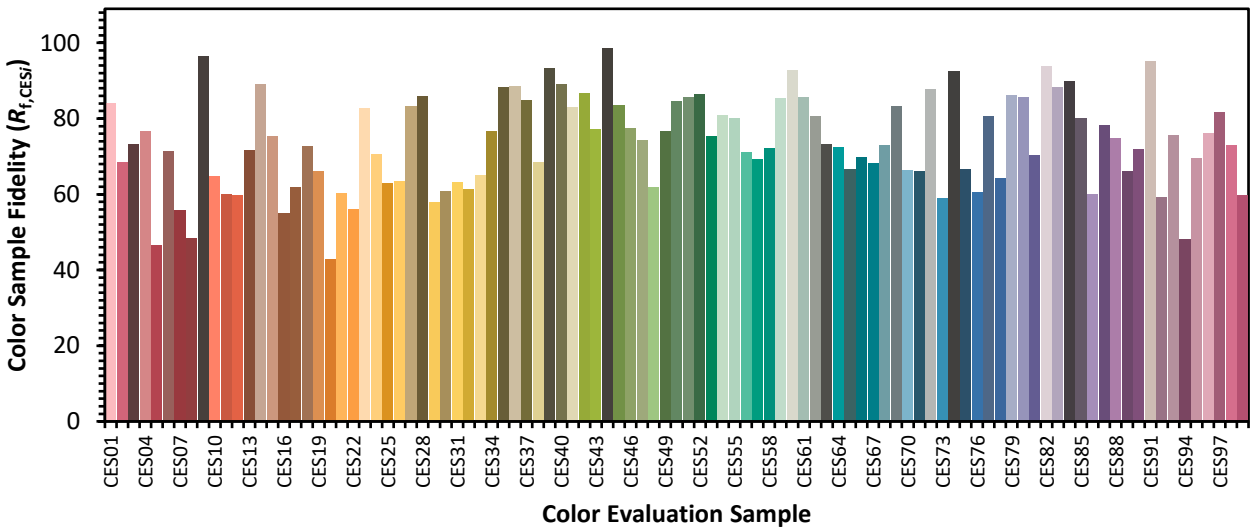


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Individual Sample Fidelity Index ($R_{f,i}$)

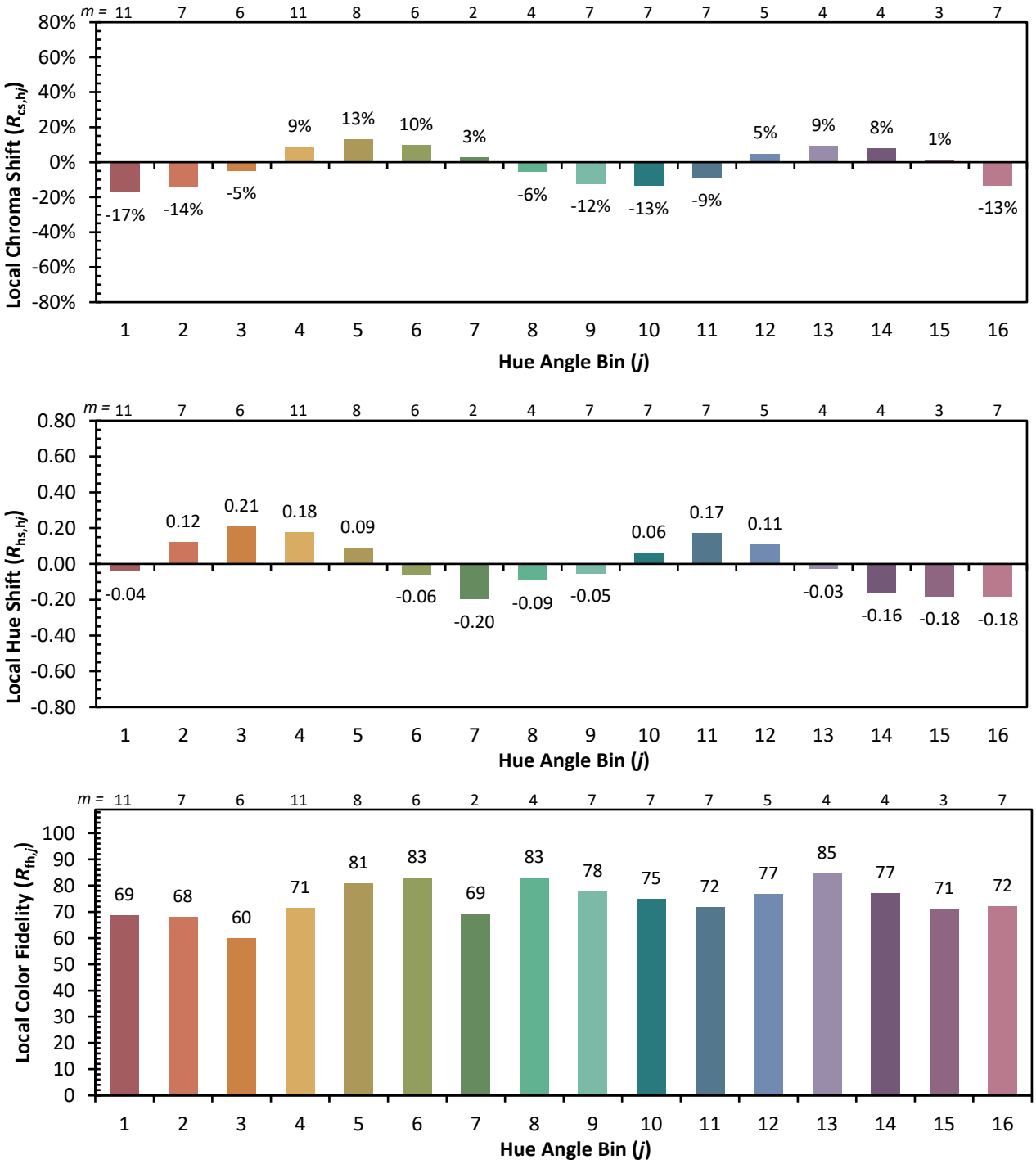
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57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



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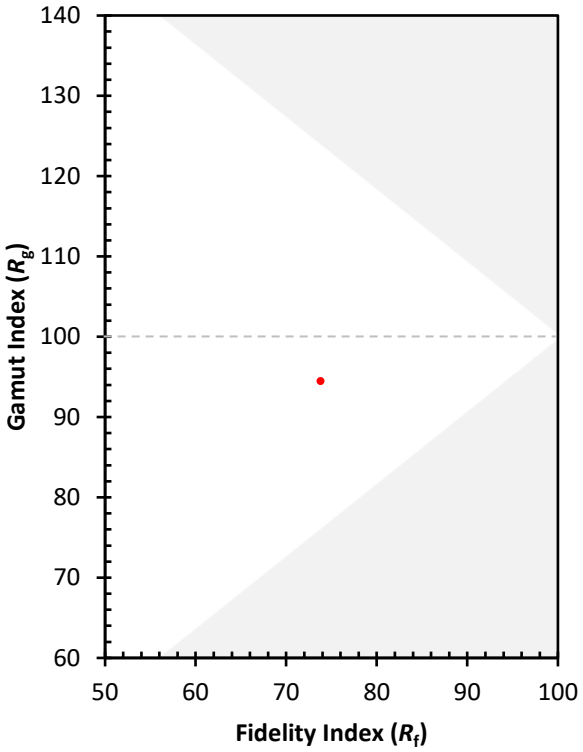
Color Rendition by Hue-Angle Bin

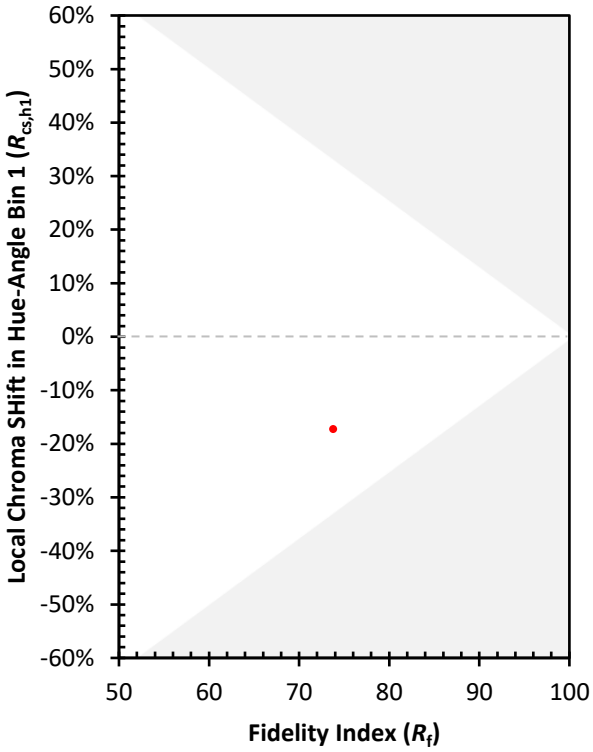


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Measure Comparisons





(END OF REPORT)