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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1501194

Luminaire Tested: GSS-SB4B-840-U-T3LG

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1501194
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21430.5 lumens
Efficiency:	N/A
Efficacy:	144.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

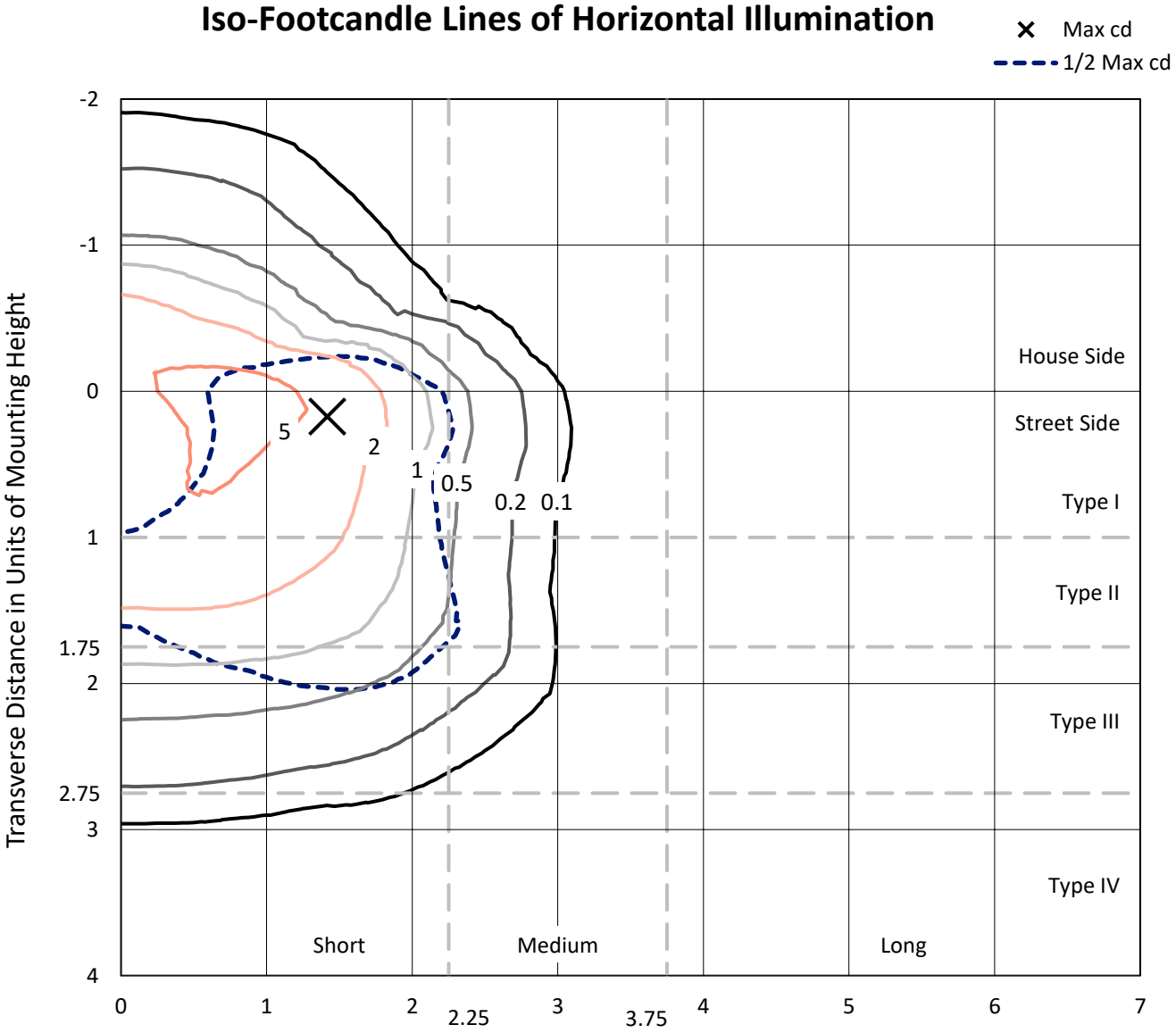
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501194
CATALOG NUMBER: GSS-SB4B-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



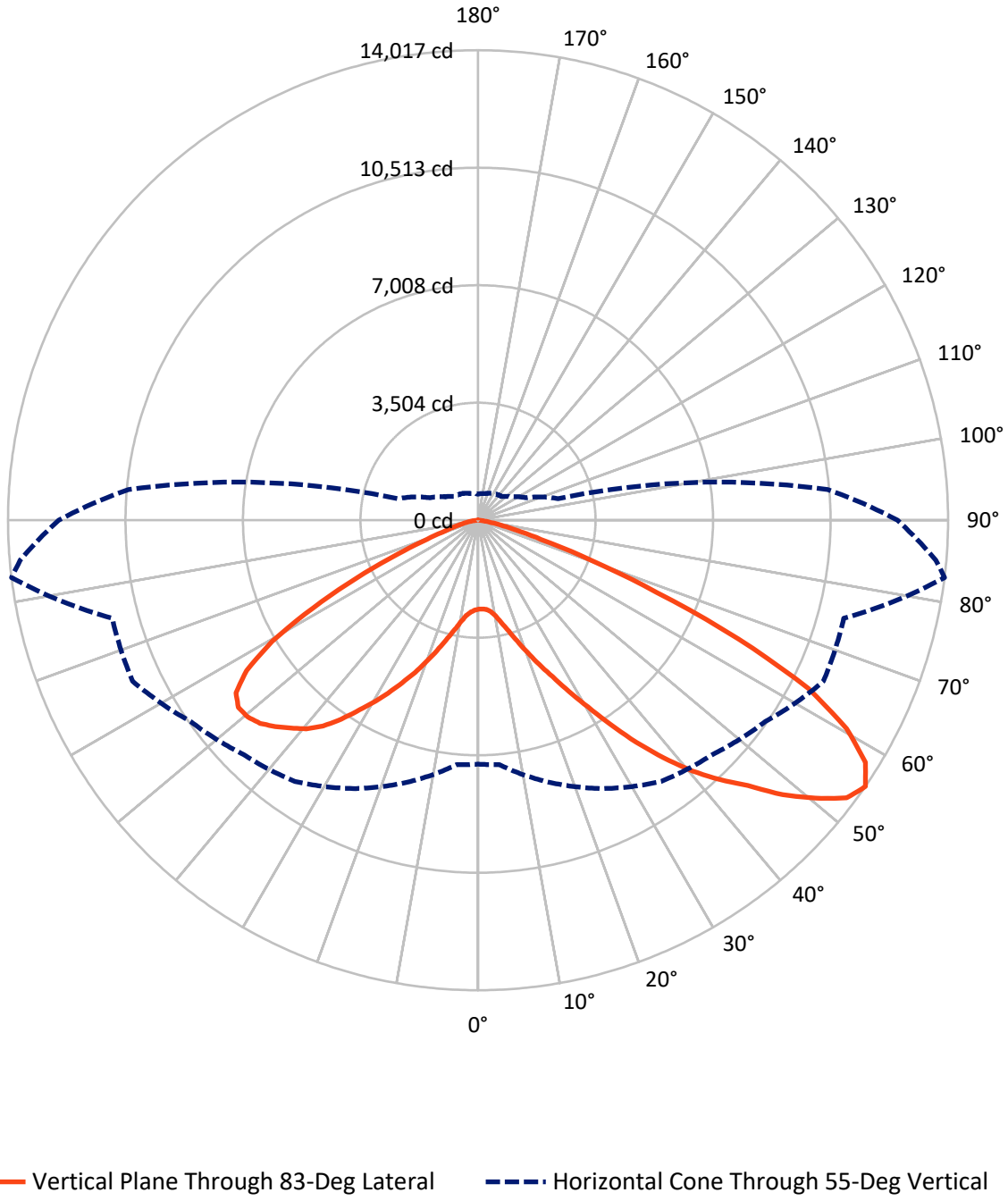
Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1501194
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Luminous Intensity Polar Plot



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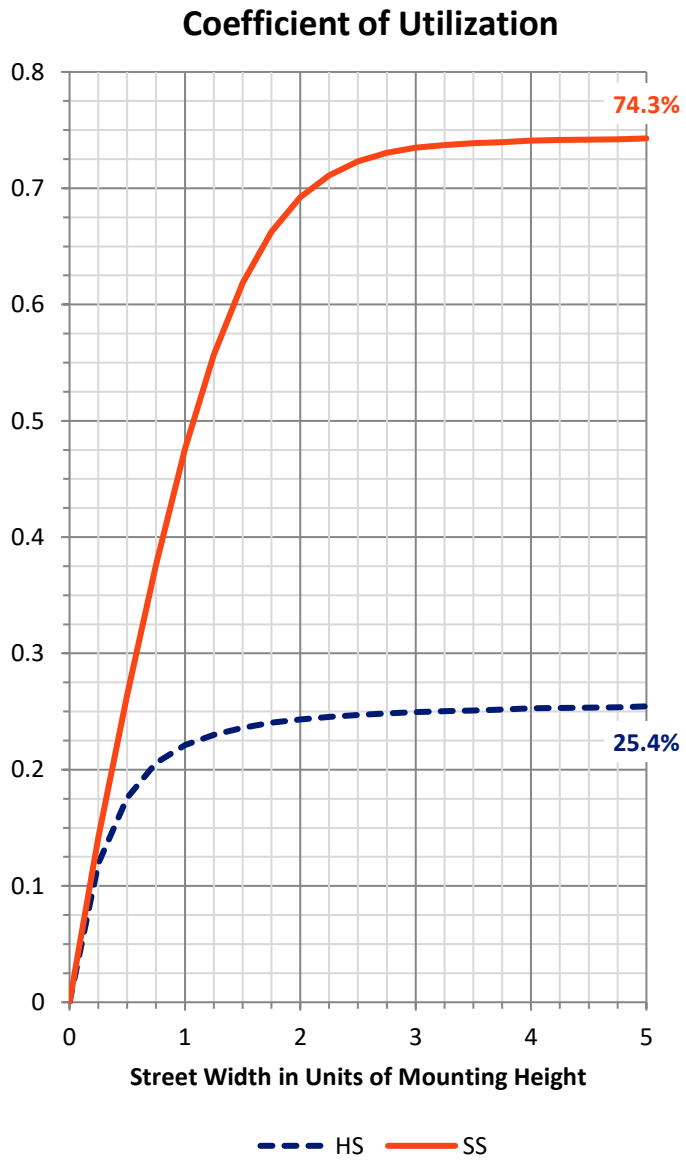
REPORT NUMBER: P1501194
CATALOG NUMBER: GSS-SB4B-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5499.5	0.0	5499.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	15931.0	0.0	15931.0
	% Fixture	74.3	0.0	74.3
Total	Lumens	21430.5	0.0	21430.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	256.3	1.2
10°-20°	835.0	3.9
20°-30°	1671.7	7.8
30°-40°	2974.3	13.9
40°-50°	4482.1	20.9
50°-60°	5461.7	25.5
60°-70°	4416.6	20.6
70°-80°	1209.6	5.6
80°-90°	123.2	0.6
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°	21430.5	100.0
0°-180°	21430.5	100.0



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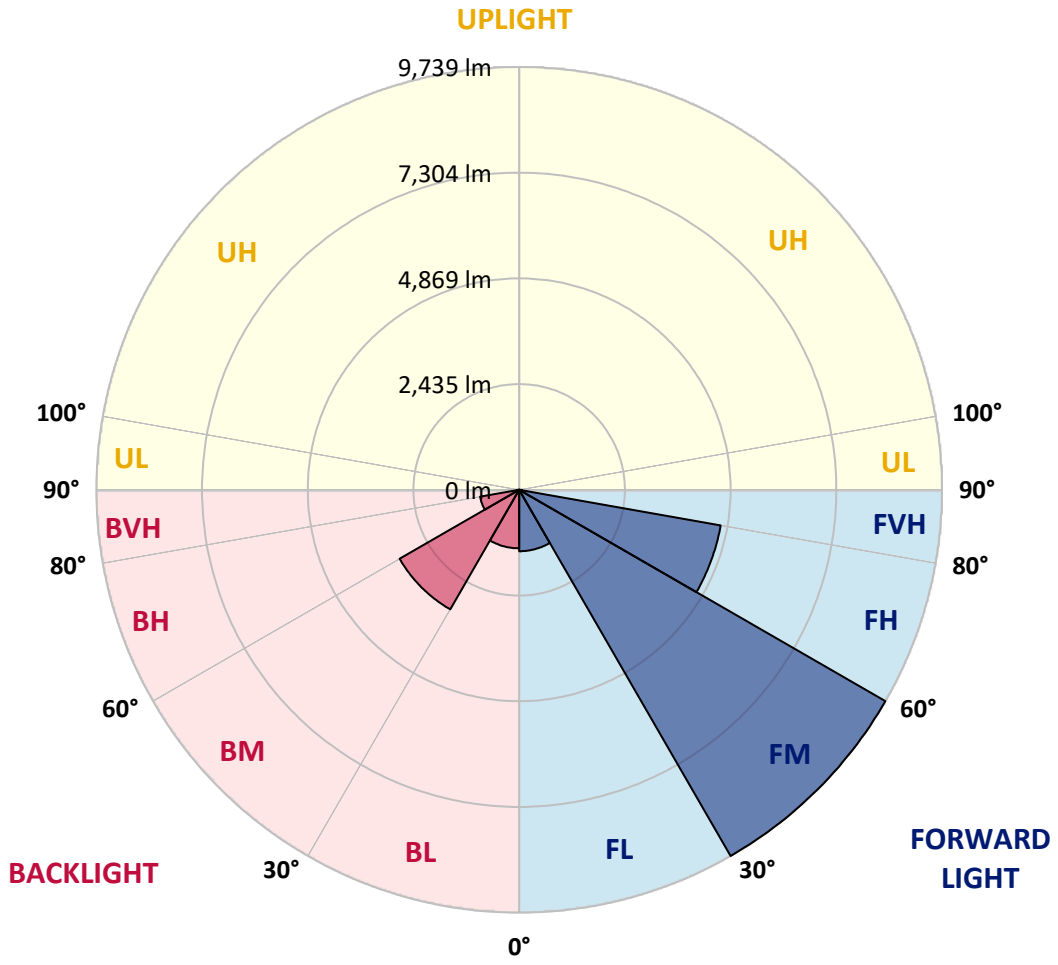
Scaled Data Report

REPORT NUMBER: P1501194
CATALOG NUMBER: GSS-SB4B-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1415.0	6.6			
FM	(30°-60°)	9738.7	45.4			
FH	(60°-80°)	4713.1	22.0			G2/5000
FVH	(80°-90°)	64.2	0.3			G1/100
BL	(0°-30°)	1348.1	6.3	B3/2500		
BM	(30°-60°)	3179.3	14.8	B3/5000		
BH	(60°-80°)	913.1	4.3	B2/1000		G2/1000
BVH	(80°-90°)	59.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	*2652.9*	2652.9
2.5°	2576.7	2571.9	2567.1	2562.4	2571.9	2586.2	2600.5	2610.0	2633.8	*2652.9*	2643.3
5°	2371.9	2362.3	2371.9	2410.0	2443.3	2500.5	2557.6	2595.7	2648.1	*2671.9*	2681.4
7.5°	2190.9	2181.4	2190.9	2238.5	2295.7	2386.2	2505.2	2600.5	2695.7	*2752.9*	2762.4
10°	2190.9	2195.6	2195.6	2214.7	2243.3	2333.8	2476.6	2657.6	2824.3	*2905.3*	2924.3
12.5°	2262.3	2262.3	2262.3	2286.1	2305.2	2376.6	2538.6	2762.4	3029.1	*3148.2*	3162.5
15°	2357.6	2352.8	2367.1	2381.4	2414.7	2486.2	2648.1	2914.8	3253.0	*3434.0*	3453.0
17.5°	2490.9	2481.4	2495.7	2529.0	2576.7	2657.6	2819.6	3124.4	3562.6	*3791.2*	3819.8
20°	2638.6	2633.8	2662.4	2714.8	2781.5	2881.5	3067.2	3376.8	3915.0	*4205.5*	4257.9
22.5°	2814.8	2805.3	2857.7	2952.9	3043.4	3157.7	3381.6	3705.4	4319.8	*4667.5*	4719.9
25°	3014.8	3014.8	3086.3	3200.6	3338.7	3543.5	3767.4	4124.6	4796.1	*5167.6*	5248.6
27.5°	3343.5	3367.3	3395.9	3514.9	3710.2	3986.4	4224.6	4629.4	5315.3	*5782.0*	5810.6
30°	3876.9	3867.4	3915.0	3996.0	4157.9	4448.4	4805.6	5239.1	5972.5	*6463.1*	6534.5
32.5°	4357.9	4372.2	4438.9	4591.3	4786.6	5034.3	5462.9	5996.3	6686.9	*7253.7*	7287.1
35°	4843.7	4853.3	4981.9	5210.5	5501.0	5777.3	6244.0	6767.9	7463.3	*8134.8*	8225.3
37.5°	5524.8	5515.3	5643.9	5839.2	6229.7	6658.4	7034.6	7534.7	8206.3	*8992.1*	9096.9
40°	6034.4	6086.8	6329.7	6577.4	6944.1	7387.1	7706.2	8177.7	8815.9	*9830.4*	9925.6
42.5°	6558.4	6601.2	6925.1	7296.6	7682.4	7982.4	8230.1	8668.3	9301.7	*10573.4*	10625.8
45°	6991.8	7048.9	7420.4	7891.9	8292.0	8596.8	8682.6	9092.2	9797.0	*11287.8*	11368.8
47.5°	7268.0	7329.9	7768.1	8320.6	8730.2	9054.0	9025.5	9601.8	10325.7	*12235.6*	12207.0
50°	7458.5	7496.6	7972.9	8563.5	9096.9	9311.2	9435.1	10178.1	10868.7	*13031.0*	12926.2
52.5°	7596.6	7658.6	8092.0	8739.7	9301.7	9582.7	9916.1	10844.9	11244.9	*13759.7*	13526.3
55°	*7272.8*	*7320.4*	*8082.4*	*8830.2*	*9511.3*	*9882.8*	*10463.8*	*11364.0*	*11292.6*	*14016.9*	*13702.5*
57.5°	6939.4	6977.5	7682.4	8806.4	9739.9	10254.3	11087.8	11430.7	10868.7	*13621.6*	13226.2
60°	6520.2	6548.8	7253.7	8554.0	9744.7	10544.8	11406.9	10944.9	10082.8	*12626.1*	12249.9
62.5°	5748.7	5748.7	6525.0	7872.9	9506.5	10692.4	11321.1	10025.7	9030.2	*11059.2*	10540.0
65°	4986.6	4953.3	5477.2	6658.4	8873.1	10654.3	10678.2	8863.5	7396.6	*8530.1*	8125.3
67.5°	4157.9	4162.7	4472.3	5405.8	7187.0	9859.0	9320.8	6848.9	5153.3	*5743.9*	5534.4
70°	2814.8	2886.2	3200.6	3924.5	5420.0	6987.0	7420.4	4638.9	3214.9	*3567.3*	3395.9
72.5°	1071.6	1085.9	1452.6	2057.5	3424.4	4200.8	5177.1	2595.7	1881.3	*1967.0*	1976.6
75°	452.5	471.5	619.2	866.8	1519.3	2290.9	2724.3	1314.5	1143.1	*1176.4*	1166.9
77.5°	304.8	314.3	376.3	466.8	685.8	919.2	1138.3	743.0	700.1	*657.3*	638.2
80°	228.6	228.6	271.5	314.3	385.8	471.5	495.3	376.3	419.1	*347.7*	338.2
82.5°	147.6	157.2	171.5	185.7	219.1	233.4	200.0	204.8	242.9	*181.0*	171.5
85°	71.4	76.2	81.0	85.7	85.7	81.0	71.4	90.5	123.8	*76.2*	71.4
87.5°	9.5	9.5	9.5	9.5	9.5	9.5	4.8	4.8	4.8	*4.8*	4.8
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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Scaled Data Report

REPORT NUMBER: P1501194
CATALOG NUMBER: GSS-SB4B-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9	2652.9
2.5°	2657.6	2676.7	2691.0	2700.5	2724.3	2719.5	2733.8	2743.4	2752.9	2767.2	2748.1
5°	2705.3	2738.6	2776.7	2805.3	2833.9	2848.1	2852.9	2862.4	2867.2	2876.7	2872.0
7.5°	2810.0	2848.1	2905.3	2933.9	2957.7	2957.7	2943.4	2938.6	2924.3	2933.9	2933.9
10°	2986.3	3043.4	3105.3	3110.1	3081.5	3048.2	2995.8	2967.2	2929.1	2919.6	2910.1
12.5°	3243.5	3319.7	3367.3	3333.9	3233.9	3110.1	2972.0	2843.4	2743.4	2700.5	2691.0
15°	3534.0	3629.2	3638.8	3543.5	3362.5	3062.5	2771.9	2629.1	2576.7	2576.7	2571.9
17.5°	3934.1	4000.7	3962.6	3734.0	3329.2	2838.6	2629.1	2605.2	2619.5	2638.6	2638.6
20°	4353.2	4429.4	4272.2	3867.4	3124.4	2705.3	2643.3	2662.4	2695.7	2714.8	2710.0
22.5°	4853.3	4891.4	4586.6	3872.1	2905.3	2671.9	2671.9	2695.7	2719.5	2748.1	2748.1
25°	5367.7	5353.4	4877.1	3695.9	2781.5	2662.4	2652.9	2671.9	2681.4	2695.7	2691.0
27.5°	5944.0	5867.7	5100.9	3414.9	2743.4	2633.8	2586.2	2567.1	2576.7	2591.0	2595.7
30°	6606.0	6425.0	5281.9	3238.7	2729.1	2567.1	2452.8	2400.4	2390.9	2410.0	2410.0
32.5°	7372.8	6982.2	5391.5	3214.9	2714.8	2448.1	2295.7	2195.6	2176.6	2186.1	2209.9
35°	8158.6	7653.8	5362.9	3276.8	2719.5	2352.8	2129.0	1995.6	1976.6	1986.1	2009.9
37.5°	8982.6	8292.0	5253.3	3372.0	2681.4	2224.2	1976.6	1814.6	1786.0	1805.1	1814.6
40°	9620.8	8830.2	4981.9	3410.2	2614.8	2062.3	1800.3	1662.2	1586.0	1581.2	1605.1
42.5°	10211.4	9254.1	4686.6	3348.2	2476.6	1890.8	1619.3	1481.2	1362.2	1271.7	1271.7
45°	10802.0	9682.7	4386.5	3172.0	2248.0	1709.8	1428.8	1243.1	1105.0	1038.3	1043.0
47.5°	11392.6	10097.1	4029.3	2905.3	2019.4	1519.3	1224.0	1076.4	981.1	928.7	928.7
50°	11940.3	10397.2	3572.1	2481.4	1757.5	1328.8	1081.2	995.4	924.0	876.4	866.8
52.5°	12421.3	10597.2	2952.9	1967.0	1471.7	1114.5	1004.9	938.3	885.9	833.5	819.2
55°	*12507.1*	*10463.8*	*2471.9*	*1581.2*	*1214.5*	*1000.2*	*947.8*	*890.6*	*819.2*	*795.4*	*781.1*
57.5°	11978.4	9758.9	2086.1	1333.6	1038.3	919.2	900.2	833.5	776.3	752.5	738.2
60°	11078.2	8477.8	1724.1	1143.1	924.0	843.0	866.8	800.1	709.7	695.4	681.1
62.5°	9458.9	6615.5	1376.4	962.1	838.2	785.9	809.7	714.4	638.2	619.2	614.4
65°	7353.7	4734.2	1157.4	847.8	771.6	728.7	719.2	633.5	576.3	562.0	562.0
67.5°	5134.3	3010.1	966.8	776.3	685.8	657.3	652.5	595.3	557.2	543.0	543.0
70°	3143.4	1824.1	814.4	709.7	604.9	552.5	585.8	576.3	519.1	504.9	500.1
72.5°	1633.6	1090.7	714.4	652.5	509.6	471.5	523.9	528.7	481.0	500.1	495.3
75°	947.8	757.3	623.9	576.3	404.8	395.3	457.2	504.9	466.8	481.0	471.5
77.5°	543.0	485.8	481.0	471.5	319.1	323.9	409.6	452.5	400.1	414.4	381.0
80°	300.1	314.3	333.4	295.3	223.9	252.4	328.6	362.0	304.8	300.1	276.2
82.5°	157.2	195.3	223.9	190.5	128.6	152.4	223.9	223.9	195.3	185.7	181.0
85°	71.4	81.0	104.8	95.3	47.6	57.2	104.8	114.3	100.0	90.5	85.7
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	9.5	14.3	4.8	4.8	4.8
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

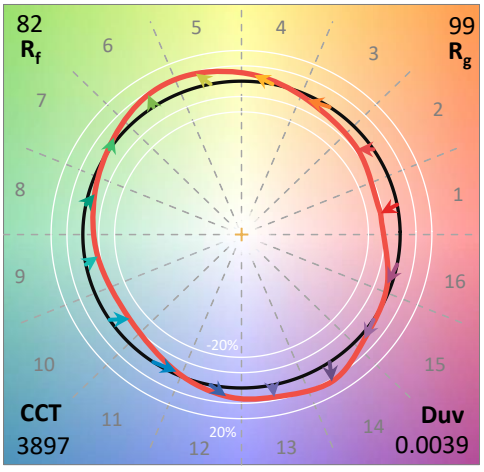
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

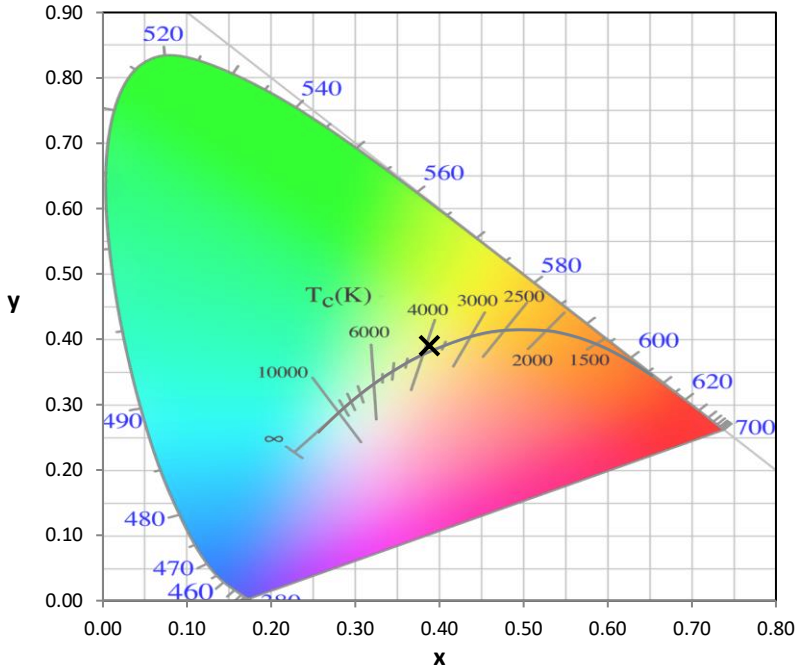
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

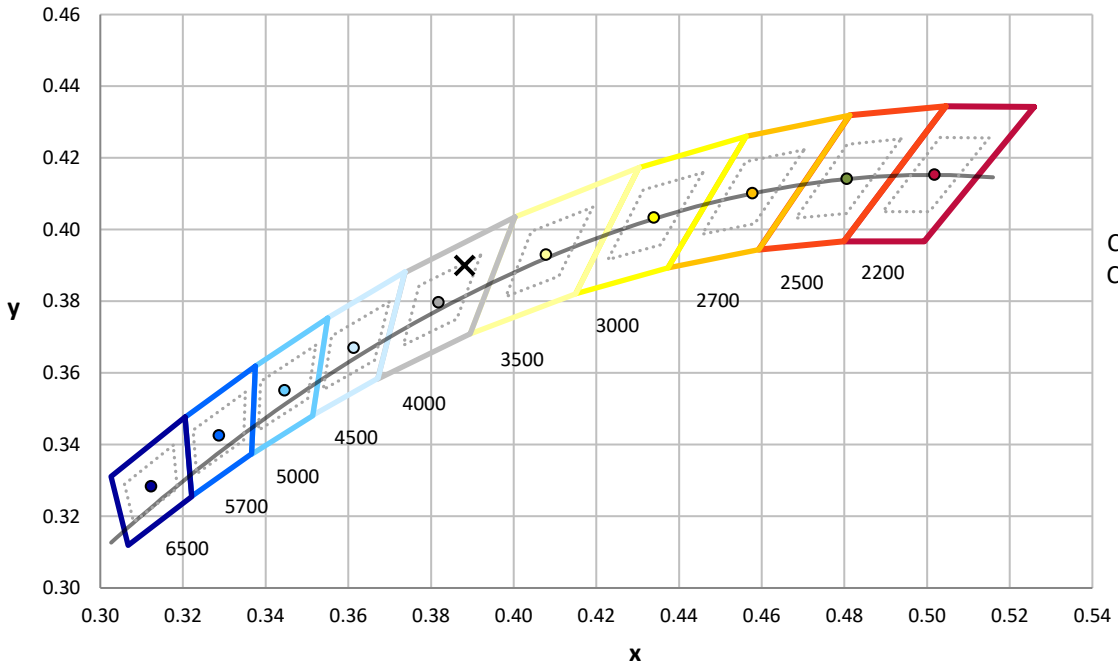
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

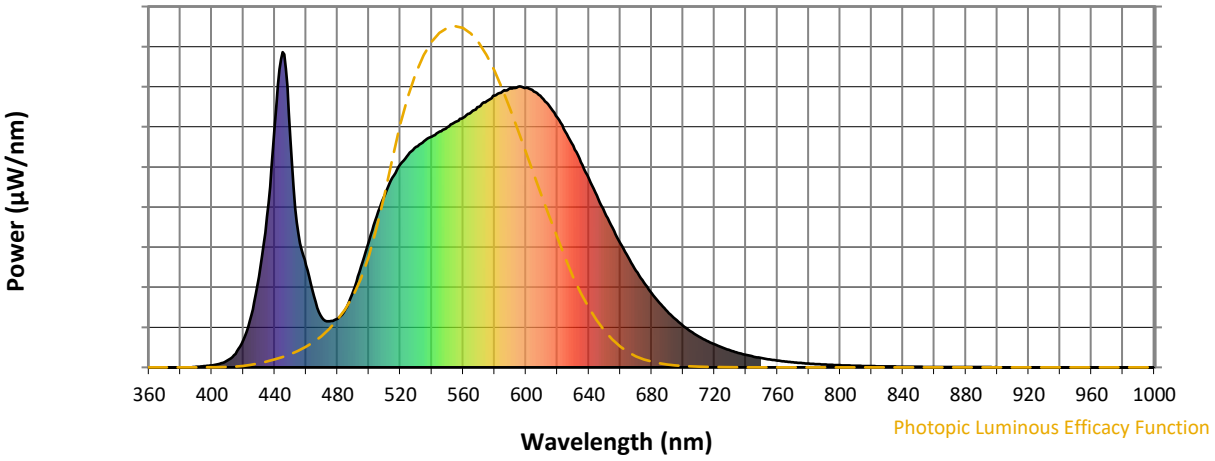


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

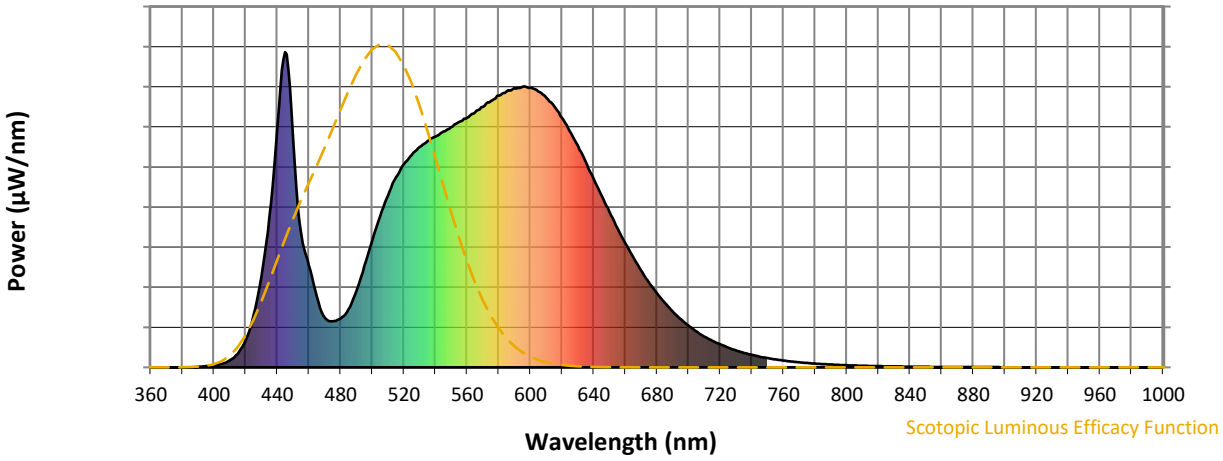


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

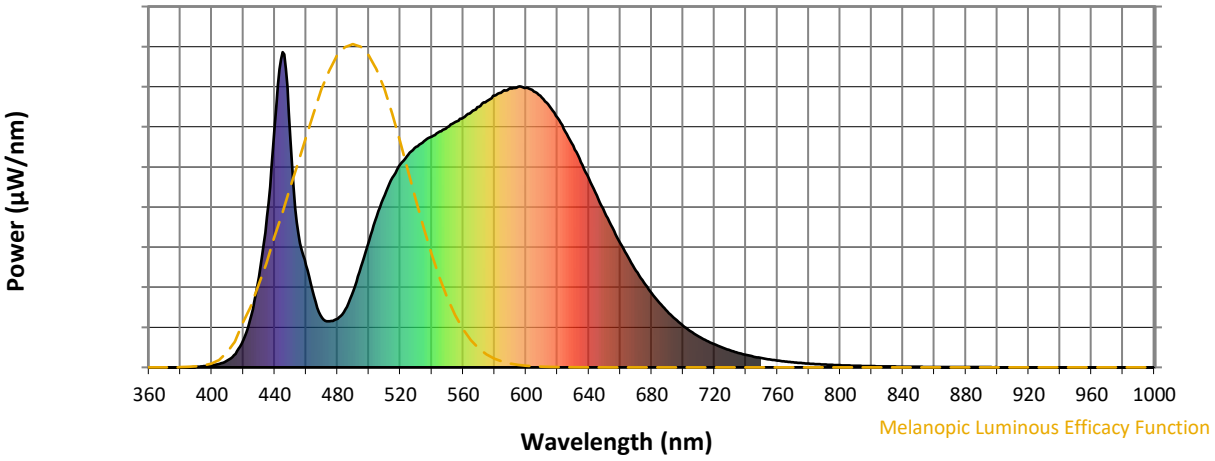


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

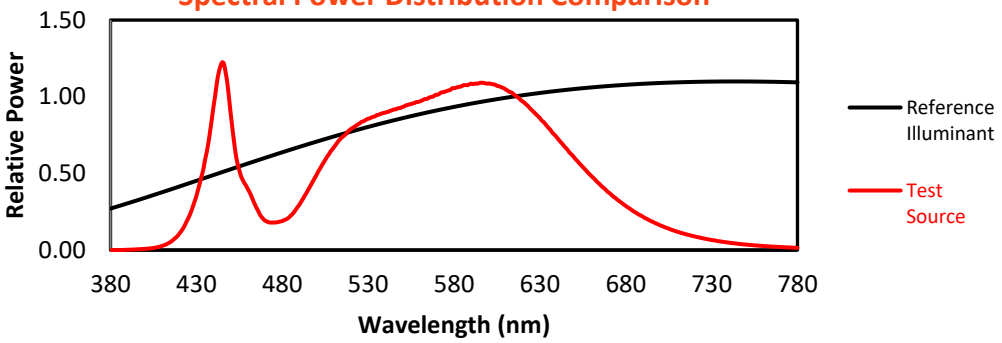
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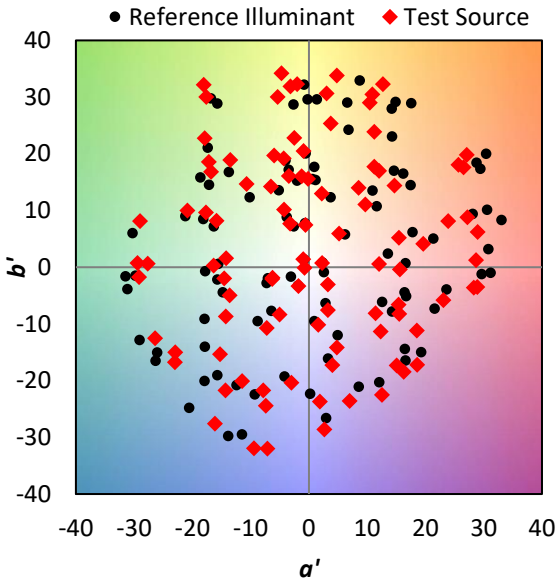
Summary

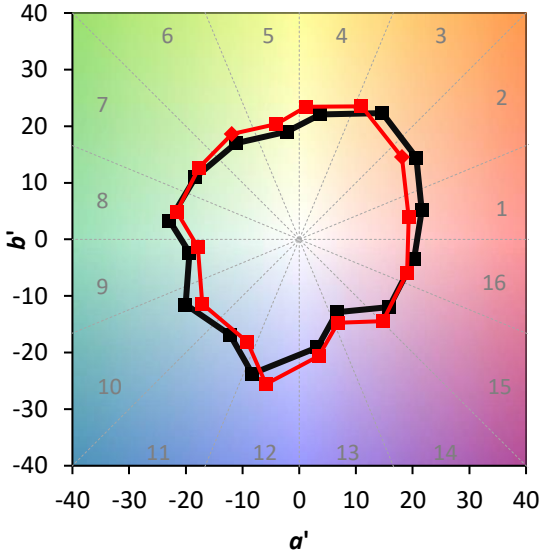
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

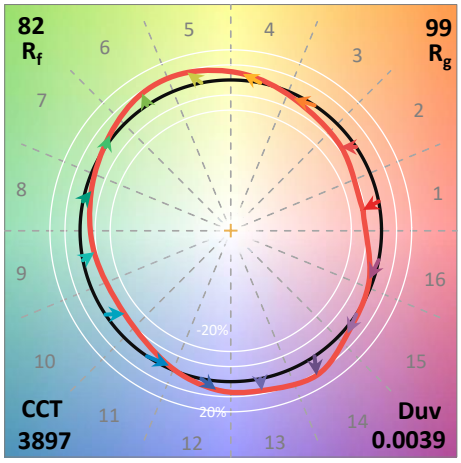
Spectral Power Distribution Comparison

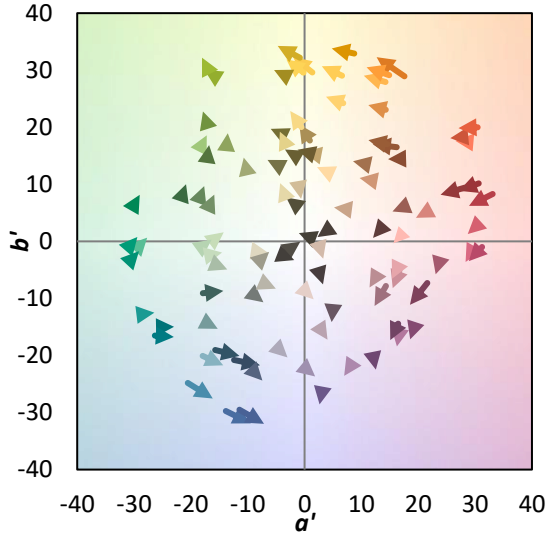


Color Vector Graphics







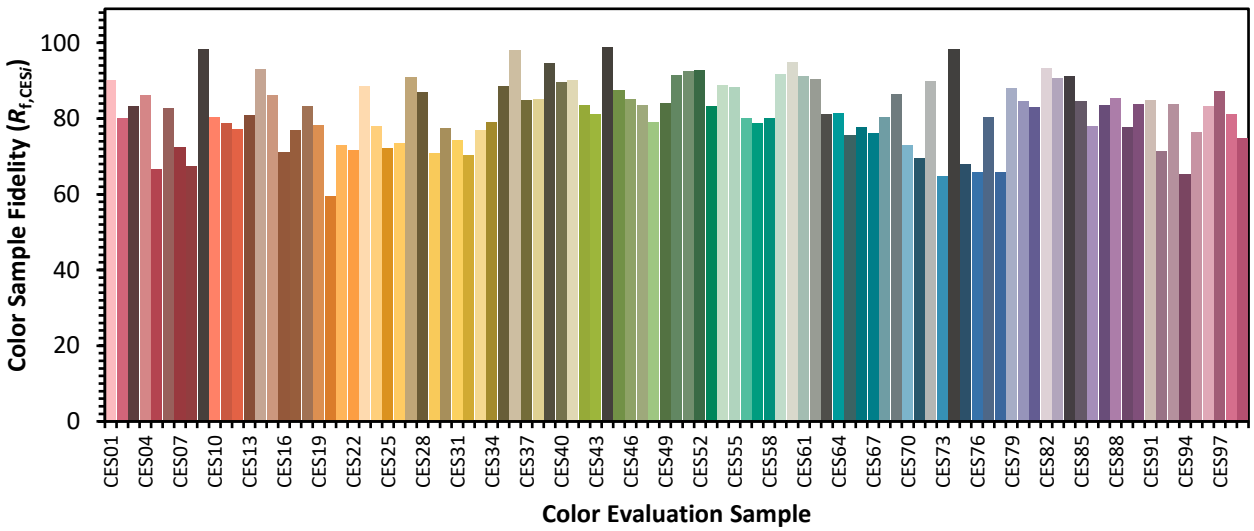


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Individual Sample Fidelity Index ($R_{f,i}$)

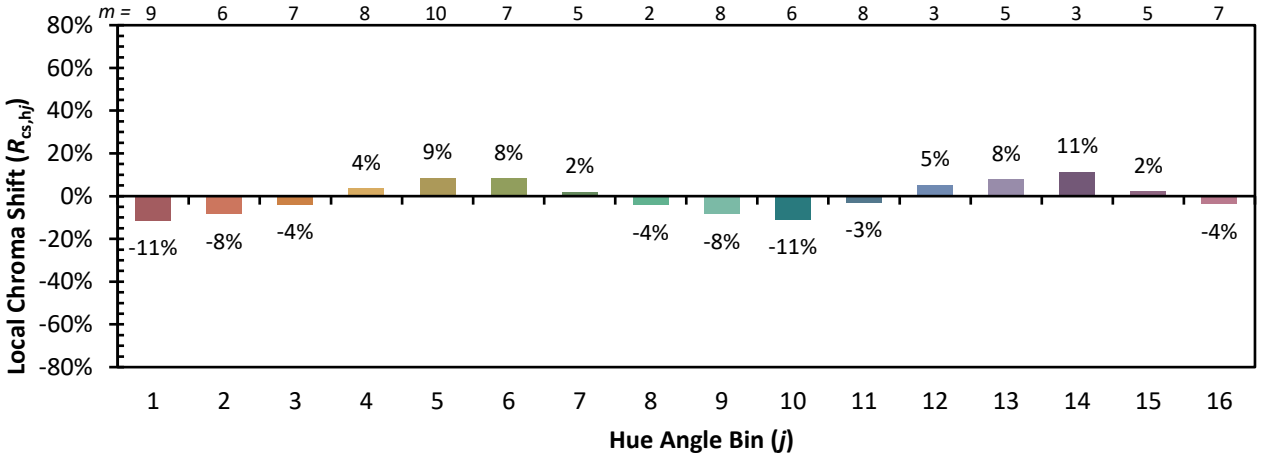
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

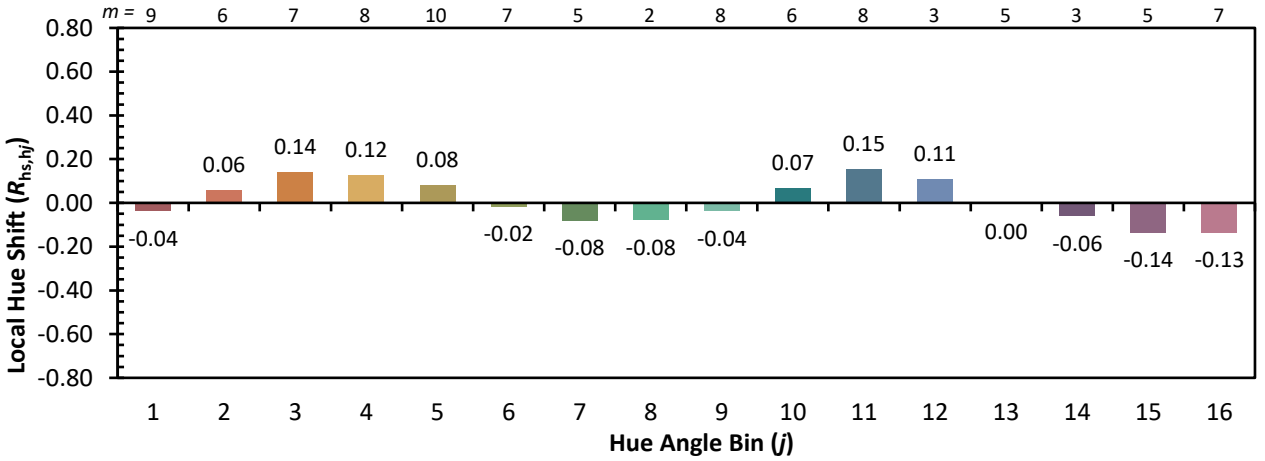


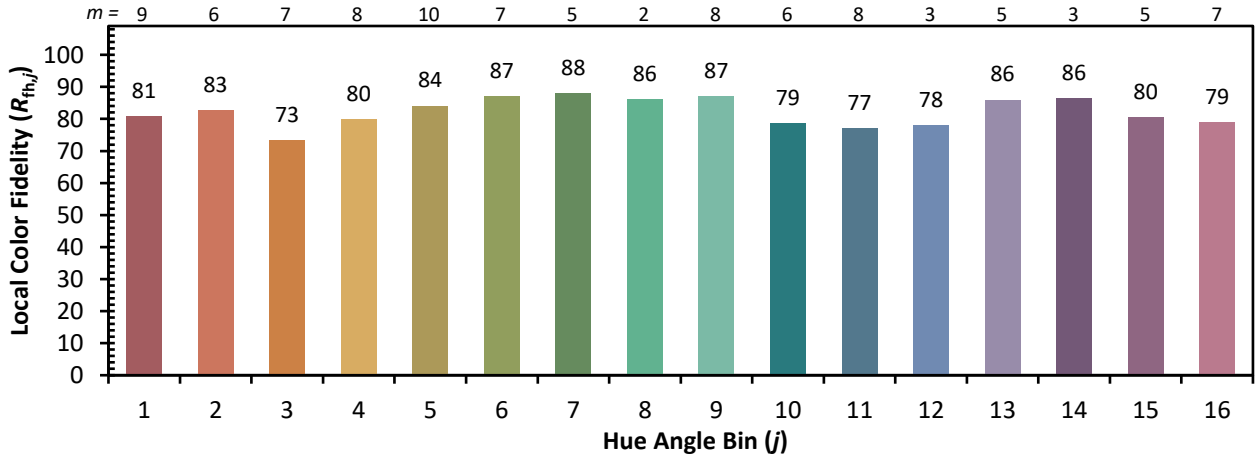
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Color Rendition by Hue-Angle Bin



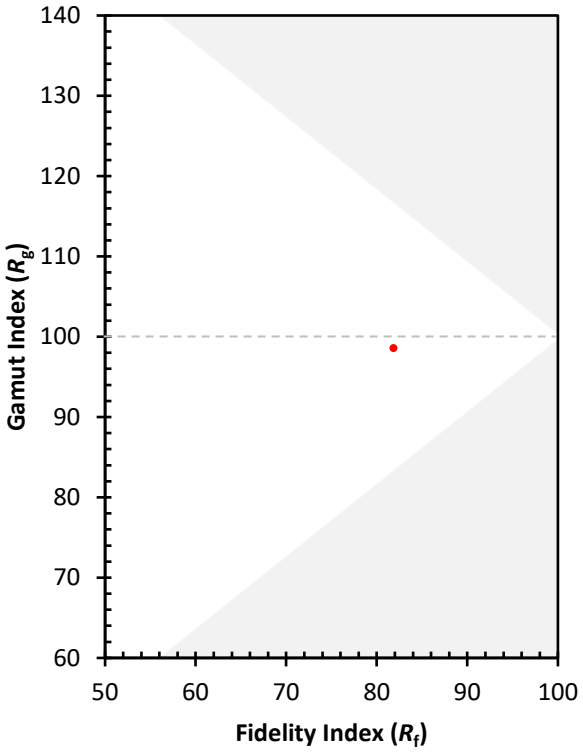


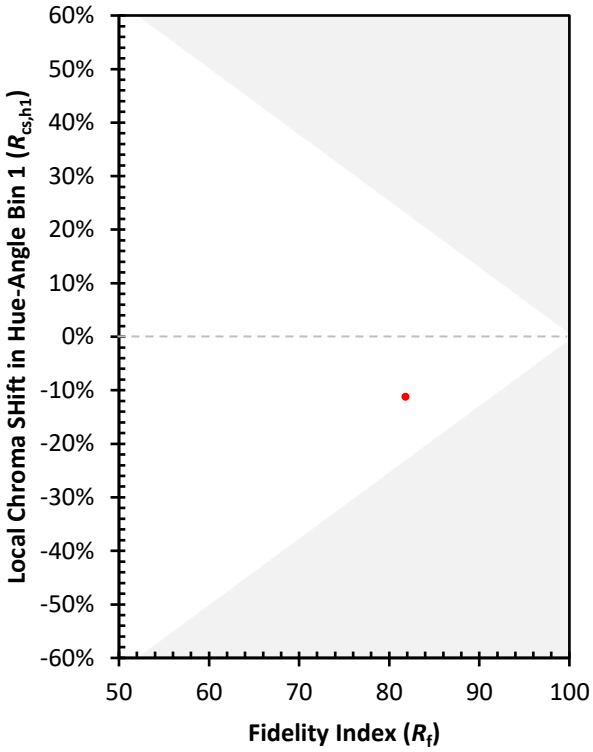


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Measure Comparisons





(END OF REPORT)