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: P1502346

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

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:	P1502346
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-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17564.2 lumens
Efficiency:	N/A
Efficacy:	118.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

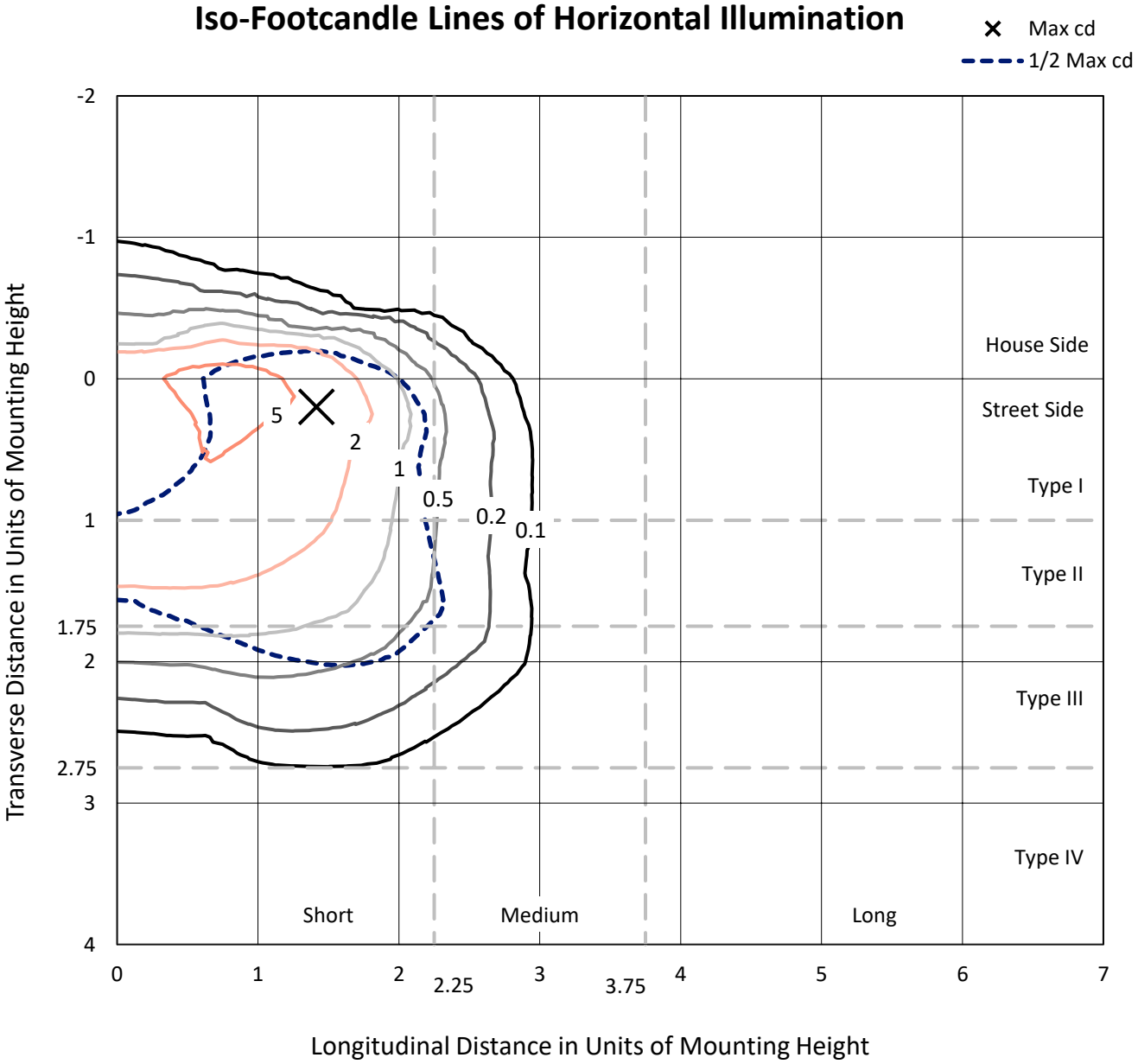
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502346
CATALOG NUMBER: GSS-SB4B-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



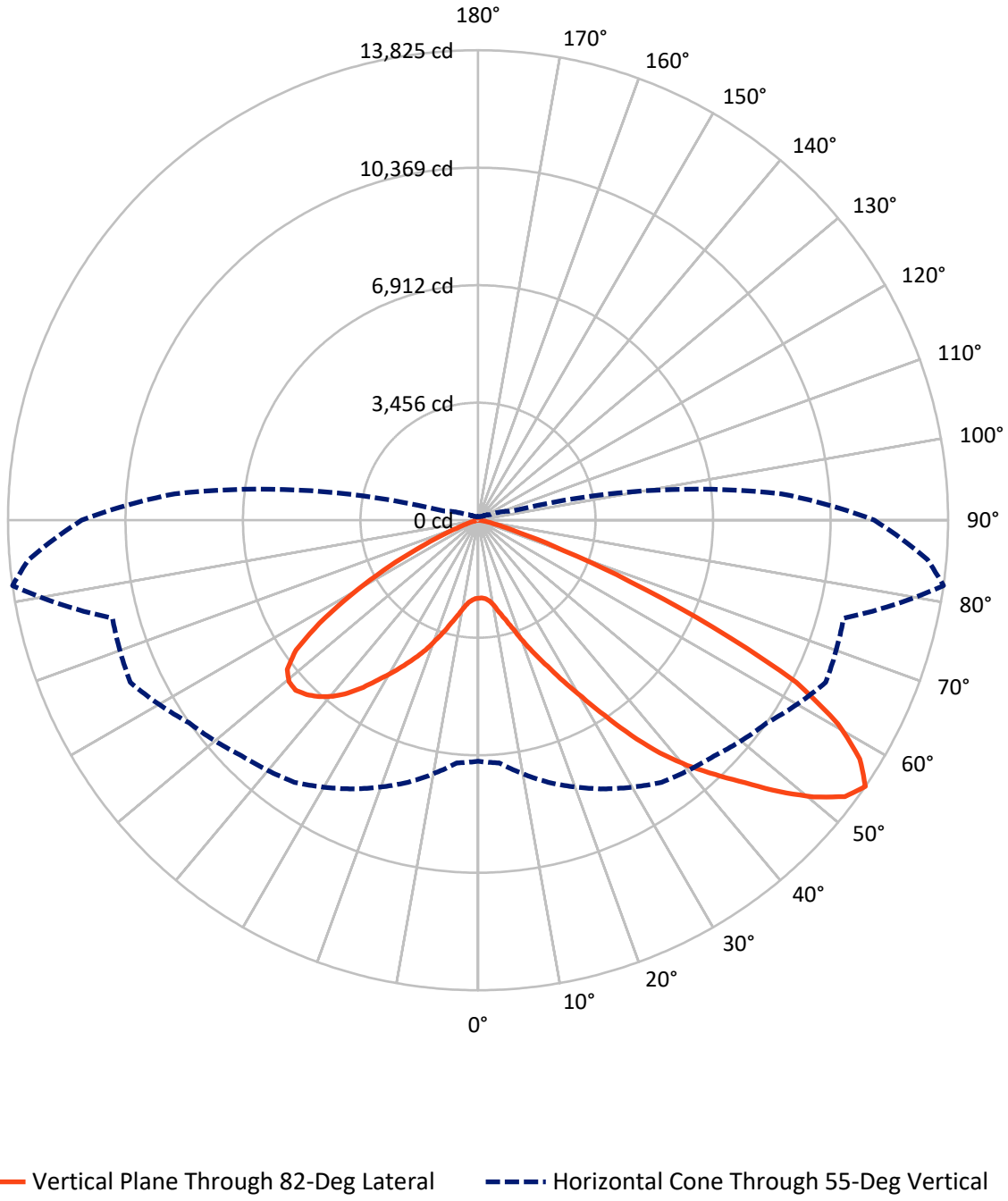
Based on 25 foot mounting height. Maximum calculated value = 6.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1502346
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Luminous Intensity Polar Plot



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Scaled Data Report

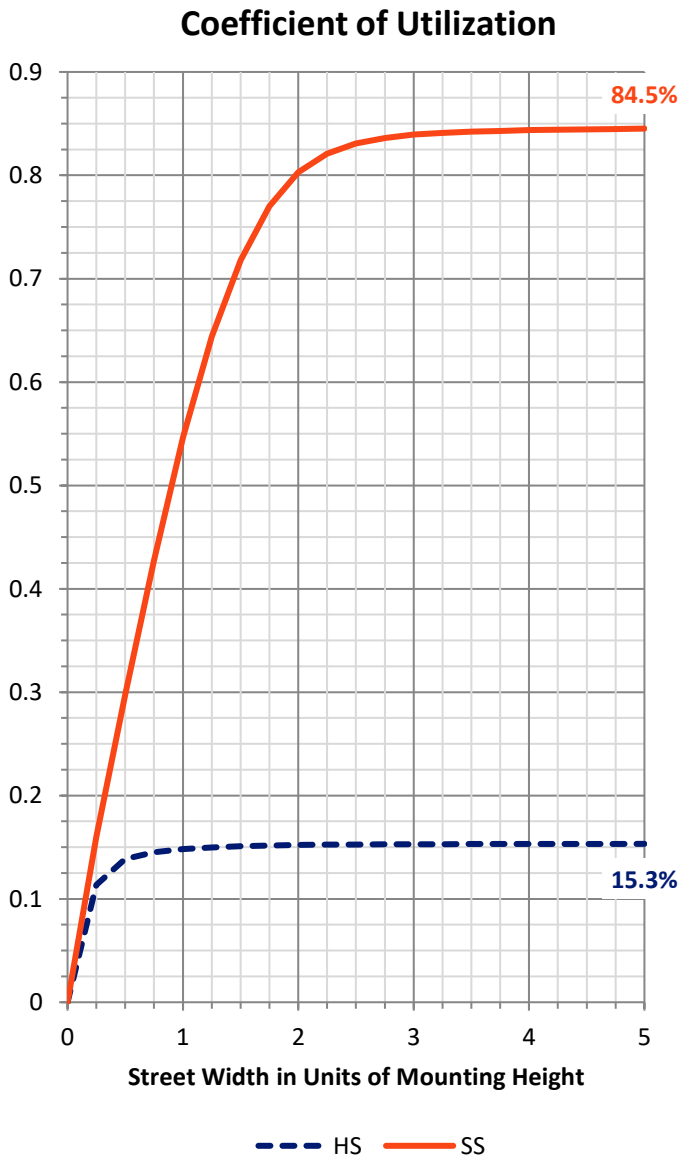
REPORT NUMBER: P1502346
CATALOG NUMBER: GSS-SB4B-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2714.8	0.0	2714.8
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	14849.4	0.0	14849.4
	% Fixture	84.5	0.0	84.5
Total	Lumens	17564.2	0.0	17564.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.9	1.2
10°-20°	562.7	3.2
20°-30°	1124.9	6.4
30°-40°	2329.3	13.3
40°-50°	3891.2	22.2
50°-60°	4935.2	28.1
60°-70°	3689.4	21.0
70°-80°	781.5	4.4
80°-90°	42.1	0.2
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°	17564.2	100.0
0°-180°	17564.2	100.0



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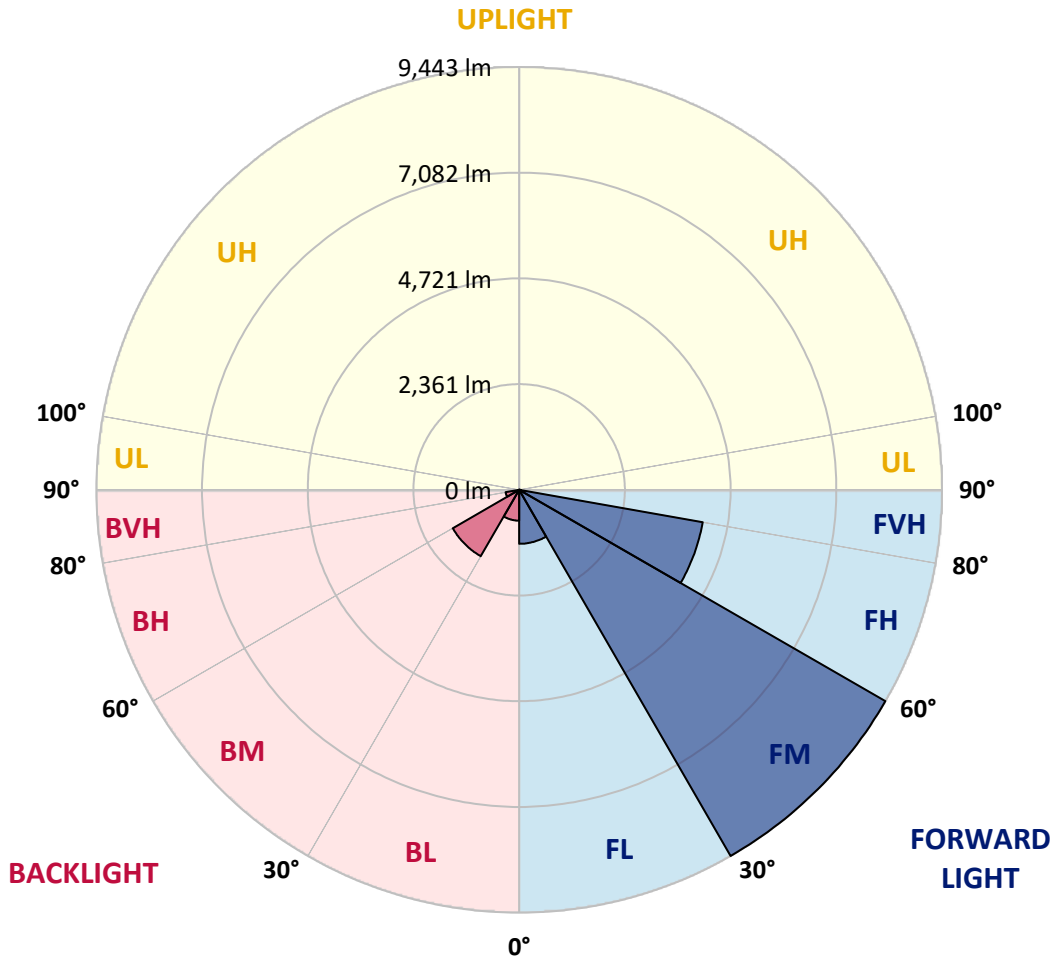
Scaled Data Report

REPORT NUMBER: P1502346
CATALOG NUMBER: GSS-SB4B-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1206.3	6.9			
FM	(30°-60°)	9442.8	53.8			
FH	(60°-80°)	4162.7	23.7			G2/5000
FVH	(80°-90°)	37.6	0.2			G1/100
BL	(0°-30°)	689.2	3.9	B2/1000		
BM	(30°-60°)	1713.0	9.8	B2/2500		
BH	(60°-80°)	308.3	1.8	B1/500		G1/500
BVH	(80°-90°)	4.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	*2293.0*	2293.0
2.5°	2231.0	2235.8	2226.3	2231.0	2240.6	2235.8	2254.9	2269.2	2283.5	*2288.2*	2293.0
5°	2035.6	2040.3	2045.1	2083.2	2107.1	2164.3	2216.7	2250.1	2297.8	*2321.6*	2326.4
7.5°	1802.0	1802.0	1821.1	1868.7	1930.7	2040.3	2159.5	2254.9	2345.4	*2393.1*	2402.6
10°	1759.1	1763.8	1763.8	1797.2	1849.7	1959.3	2111.8	2302.5	2464.6	*2536.1*	2560.0
12.5°	1768.6	1773.4	1778.1	1811.5	1864.0	1959.3	2154.8	2402.6	2655.3	*2774.5*	2788.8
15°	1792.4	1802.0	1816.3	1859.2	1916.4	2040.3	2245.3	2545.7	2884.1	*3036.7*	3074.8
17.5°	1864.0	1868.7	1892.6	1940.2	2030.8	2154.8	2378.8	2731.6	3203.5	*3370.4*	3441.9
20°	1973.6	1983.1	2016.5	2083.2	2188.1	2345.4	2593.3	2974.7	3546.8	*3804.2*	3861.4
22.5°	2111.8	2111.8	2159.5	2264.4	2412.2	2588.6	2888.9	3298.9	3966.3	*4266.6*	4361.9
25°	2340.7	2335.9	2374.0	2493.2	2669.6	2927.0	3232.1	3685.0	4404.8	*4762.4*	4862.5
27.5°	2865.1	2850.8	2836.5	2841.2	2993.8	3322.7	3675.5	4171.3	4948.3	*5367.8*	5444.1
30°	3475.3	3494.3	3475.3	3427.6	3451.4	3756.5	4195.1	4767.2	5558.5	*6030.4*	6130.6
32.5°	4009.2	4018.7	4099.7	4152.2	4171.3	4314.3	4795.8	5487.0	6335.5	*6850.4*	6979.1
35°	4590.8	4605.1	4695.6	4805.3	4976.9	5105.6	5549.0	6321.2	7126.9	*7775.2*	7870.6
37.5°	5267.7	5291.5	5410.7	5568.0	5806.4	6102.0	6340.3	7079.2	7932.5	*8681.0*	8781.1
40°	5863.6	5939.9	6144.9	6345.1	6597.7	6931.4	7088.8	7741.9	8528.4	*9481.9*	9648.7
42.5°	6426.1	6469.0	6798.0	7107.8	7408.2	7679.9	7832.4	8261.5	9057.6	*10225.5*	10411.5
45°	6893.3	6926.7	7293.7	7703.7	8075.6	8347.3	8371.1	8766.8	9582.0	*11012.1*	11155.1
47.5°	7179.3	7231.8	7703.7	8170.9	8580.9	8833.5	8795.4	9410.4	10154.0	*11927.4*	11946.5
50°	7350.9	7384.3	7865.8	8471.2	8976.5	9152.9	9234.0	10025.3	10673.6	*12795.0*	12680.6
52.5°	7474.9	7527.3	7999.3	8642.8	9210.1	9448.5	9739.3	10716.6	11083.6	*13505.3*	13200.2
55°	*7088.8*	*7165.0*	*7980.2*	*8719.1*	*9410.4*	*9810.8*	*10382.9*	*11283.8*	*11131.3*	*13824.7*	*13267.0*
57.5°	6654.9	6669.2	7474.9	8695.3	9634.4	10192.2	10974.0	11326.7	10688.0	*13243.1*	12590.0
60°	6016.1	6102.0	6926.7	8385.4	9672.5	10497.3	11374.4	10807.1	9877.5	*12165.8*	11183.7
62.5°	4223.7	4357.2	5434.6	7570.2	9400.8	10664.1	11307.7	9901.4	8862.1	*10502.0*	9400.8
65°	2364.5	2478.9	3360.8	6106.7	8652.4	10626.0	10621.2	8690.5	7231.8	*7589.3*	6721.7
67.5°	1296.7	1387.2	1744.8	4595.5	6864.7	9810.8	9176.8	6631.1	4848.2	*4819.6*	4195.1
70°	905.8	910.5	1101.2	3103.4	4934.0	6845.6	7174.6	4447.8	3008.1	*2660.1*	2245.3
72.5°	443.3	448.1	548.2	1463.5	3017.6	3794.7	4919.7	2312.1	1687.6	*1320.5*	1125.0
75°	224.1	219.3	300.3	548.2	1249.0	1849.7	2169.1	1158.4	982.0	*724.6*	643.6
77.5°	143.0	147.8	176.4	300.3	562.5	719.8	667.4	629.3	576.8	*424.3*	367.1
80°	95.3	95.3	119.2	190.7	276.5	343.2	205.0	290.8	338.5	*247.9*	214.5
82.5°	28.6	28.6	71.5	104.9	133.5	138.2	90.6	133.5	190.7	*138.2*	104.9
85°	19.1	19.1	38.1	52.4	57.2	47.7	28.6	57.2	90.6	*62.0*	52.4
87.5°	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	*4.8*	0.0
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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Scaled Data Report

REPORT NUMBER: P1502346
CATALOG NUMBER: GSS-SB4B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0	2293.0
2.5°	2297.8	2302.5	2316.8	2321.6	2331.1	2335.9	2335.9	2335.9	2331.1	2335.9	2345.4
5°	2335.9	2359.7	2378.8	2374.0	2374.0	2350.2	2331.1	2293.0	2273.9	2269.2	2273.9
7.5°	2431.2	2450.3	2469.4	2440.8	2369.3	2259.6	2140.5	2045.1	1964.1	1925.9	1940.2
10°	2602.9	2626.7	2626.7	2493.2	2293.0	2035.6	1821.1	1644.7	1511.2	1439.7	1473.0
12.5°	2850.8	2869.8	2822.2	2540.9	2159.5	1735.2	1377.7	1082.1	910.5	824.7	805.6
15°	3136.8	3165.4	3003.3	2531.4	1949.8	1296.7	858.1	643.6	581.6	562.5	567.3
17.5°	3503.9	3518.2	3203.5	2455.1	1587.5	848.6	610.2	548.2	533.9	524.4	524.4
20°	3956.7	3913.8	3365.6	2326.4	1158.4	667.4	562.5	514.9	500.6	495.8	500.6
22.5°	4443.0	4376.2	3499.1	2083.2	877.2	629.3	538.7	486.2	467.2	462.4	462.4
25°	4953.1	4800.5	3604.0	1725.7	819.9	619.7	510.1	443.3	424.3	414.7	414.7
27.5°	5534.7	5272.5	3661.2	1444.4	834.3	605.4	476.7	405.2	376.6	367.1	367.1
30°	6178.2	5796.9	3665.9	1387.2	862.9	586.4	443.3	362.3	333.7	319.4	324.2
32.5°	6960.0	6330.8	3651.6	1477.8	881.9	572.1	405.2	319.4	295.6	281.3	281.3
35°	7770.5	6979.1	3594.4	1649.4	891.5	529.2	357.5	281.3	252.7	247.9	252.7
37.5°	8576.1	7594.1	3513.4	1744.8	843.8	433.8	290.8	243.1	224.1	224.1	224.1
40°	9310.2	8128.0	3403.7	1663.7	672.2	314.6	238.4	209.8	200.2	195.5	200.2
42.5°	9858.5	8604.7	3203.5	1401.5	476.7	252.7	209.8	185.9	176.4	176.4	181.2
45°	10459.1	9062.4	2817.4	1029.7	362.3	219.3	181.2	162.1	157.3	157.3	162.1
47.5°	11064.6	9429.4	2445.5	686.5	314.6	195.5	162.1	147.8	143.0	138.2	143.0
50°	11527.0	9605.8	1959.3	500.6	286.0	176.4	147.8	138.2	128.7	123.9	123.9
52.5°	11855.9	9558.1	1434.9	429.0	262.2	162.1	138.2	128.7	114.4	114.4	114.4
55°	*11655.7*	*8947.9*	*1034.5*	*386.1*	*243.1*	*152.5*	*133.5*	*119.2*	*109.6*	*104.9*	*104.9*
57.5°	10683.2	7627.4	748.4	348.0	214.5	143.0	128.7	114.4	100.1	95.3	95.3
60°	9286.4	5939.9	557.8	305.1	185.9	138.2	114.4	109.6	95.3	85.8	85.8
62.5°	7589.3	4323.8	433.8	262.2	166.9	119.2	109.6	100.1	85.8	76.3	71.5
65°	5267.7	2760.2	333.7	214.5	157.3	104.9	100.1	85.8	71.5	57.2	57.2
67.5°	3251.2	1639.9	257.4	166.9	123.9	90.6	85.8	76.3	62.0	47.7	47.7
70°	1797.2	867.6	176.4	123.9	95.3	71.5	66.7	66.7	52.4	42.9	38.1
72.5°	862.9	471.9	119.2	104.9	71.5	47.7	52.4	52.4	42.9	33.4	33.4
75°	519.6	281.3	81.0	81.0	47.7	38.1	38.1	42.9	33.4	23.8	23.8
77.5°	295.6	166.9	47.7	62.0	33.4	23.8	28.6	23.8	19.1	14.3	14.3
80°	166.9	95.3	28.6	42.9	19.1	14.3	14.3	9.5	9.5	4.8	4.8
82.5°	81.0	52.4	14.3	14.3	9.5	4.8	4.8	4.8	4.8	0.0	0.0
85°	38.1	9.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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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

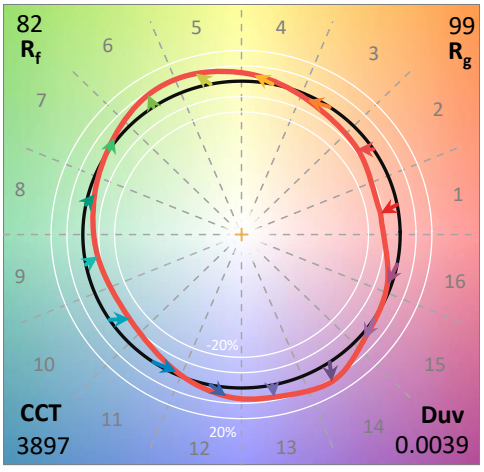
Test Information

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

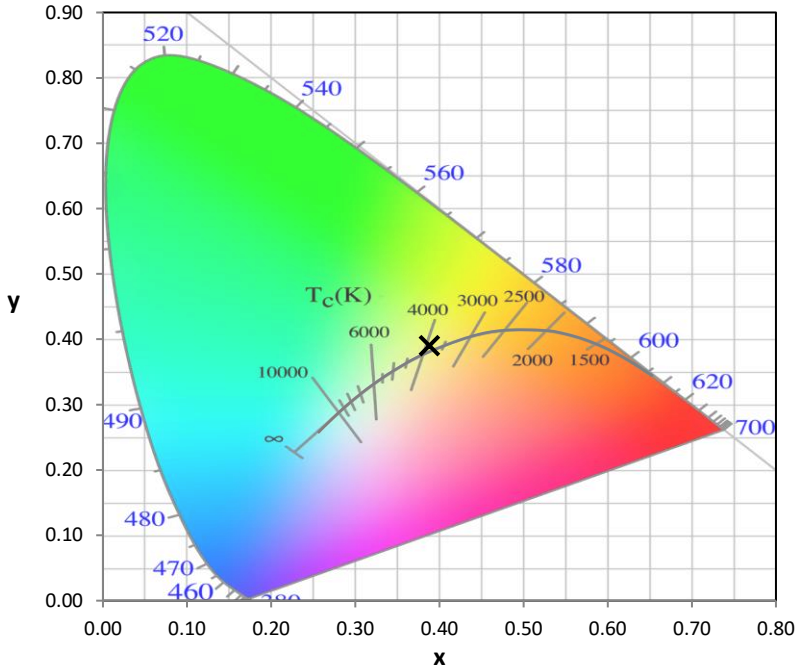
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

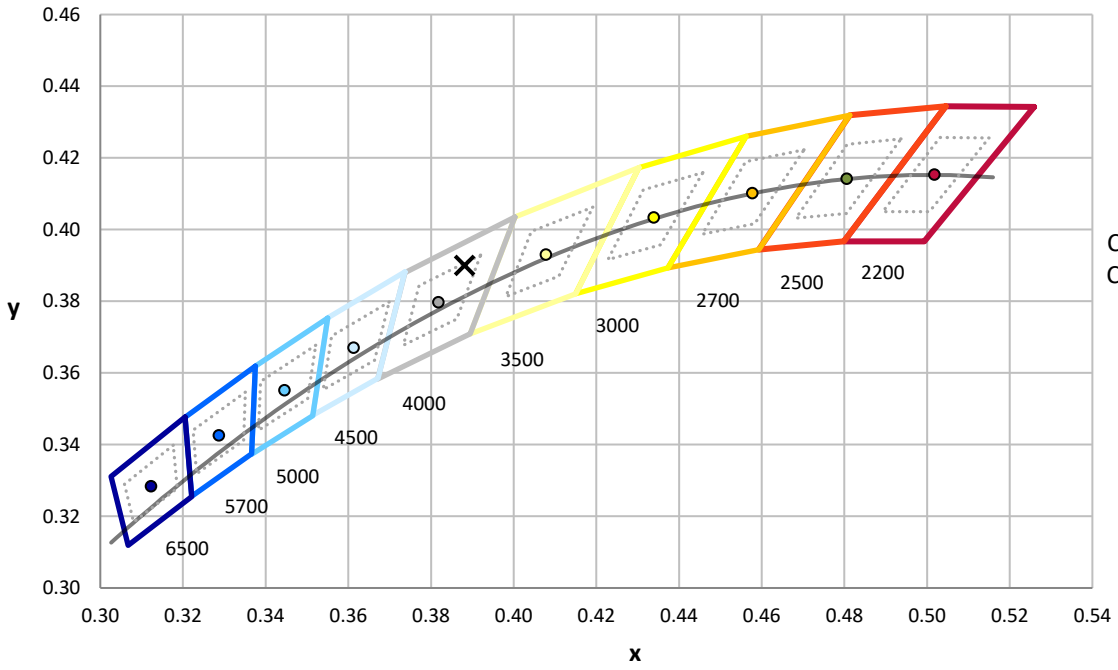
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

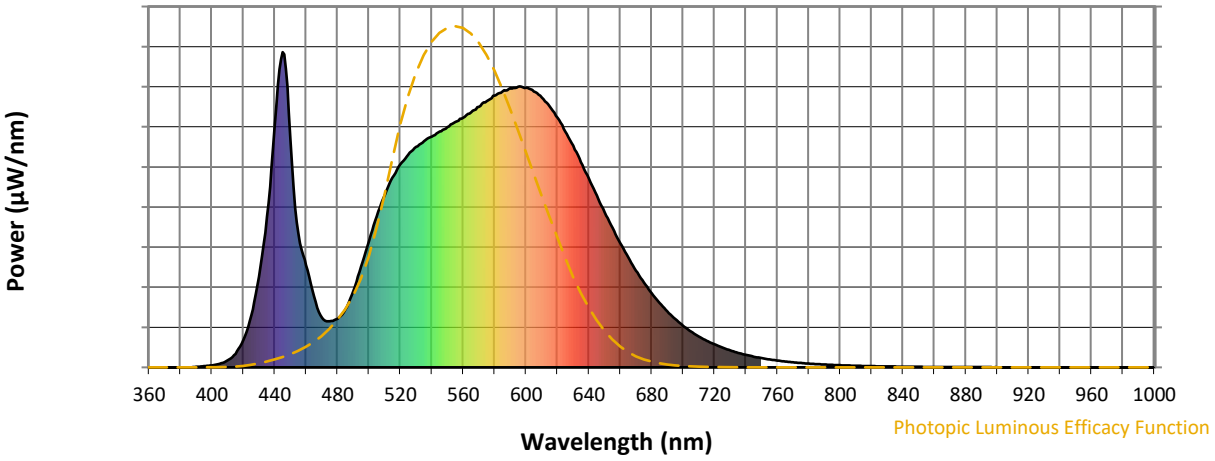


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

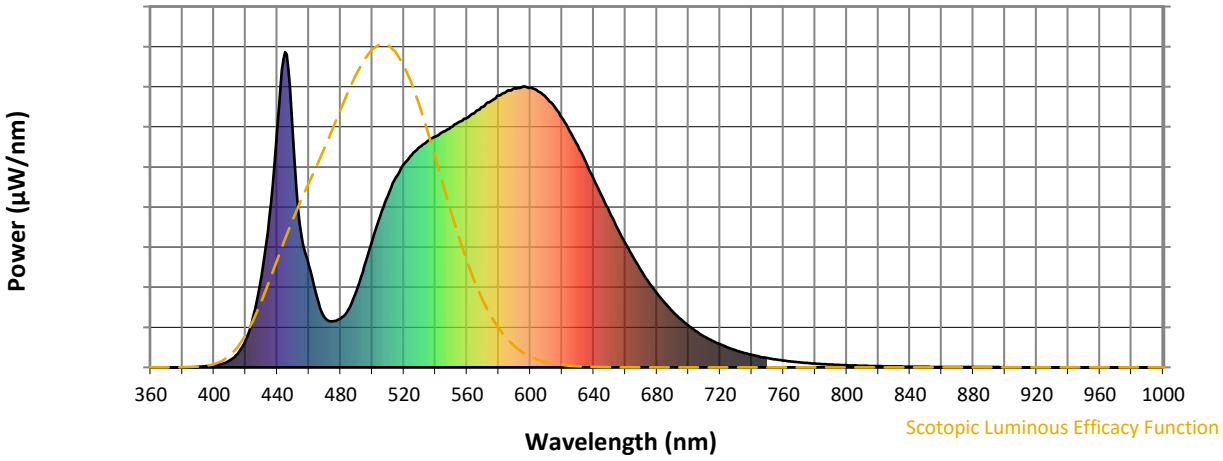


Photopic Lumens: NR

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

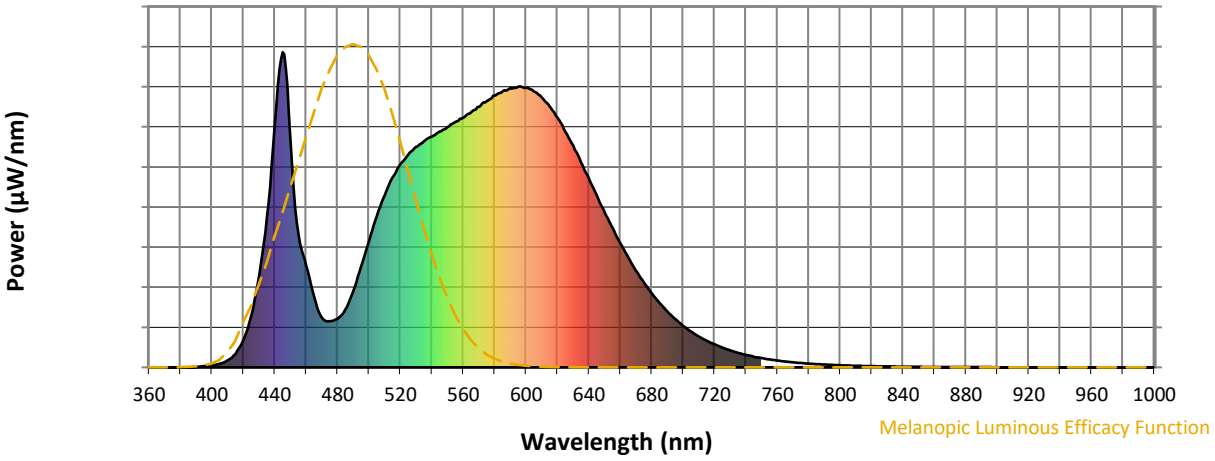


Scotopic Lumens: NR **S/P: 1.57**

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			

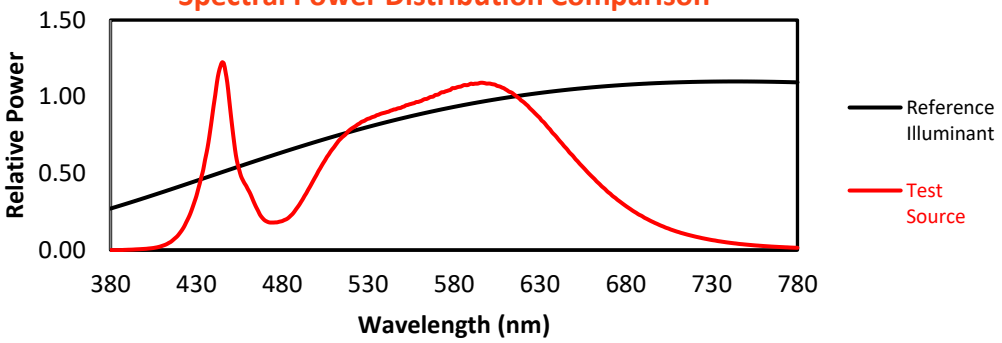
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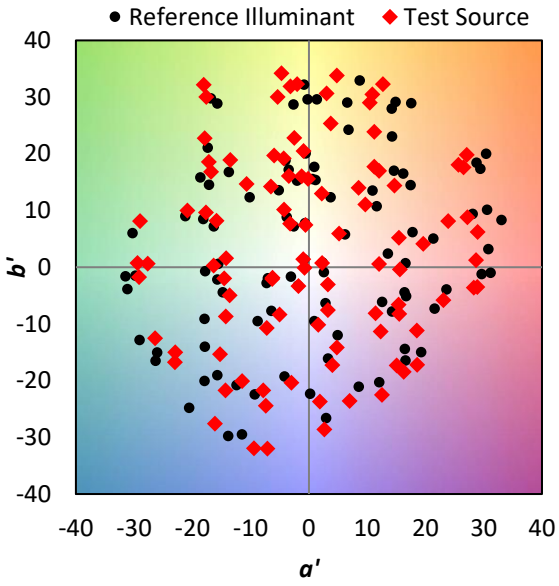
Summary

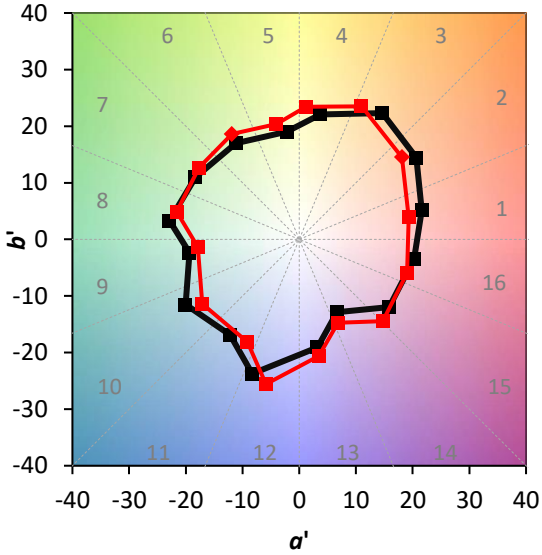
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

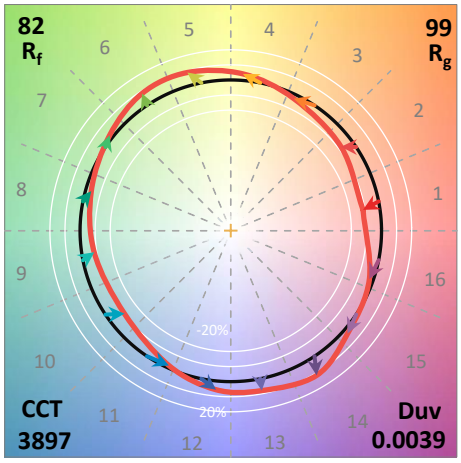
Spectral Power Distribution Comparison

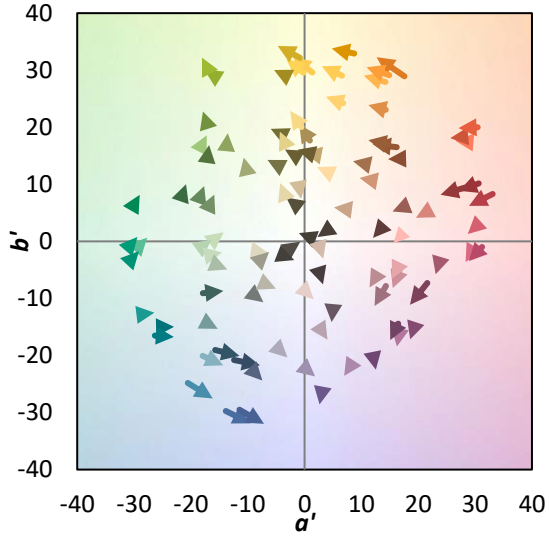


Color Vector Graphics







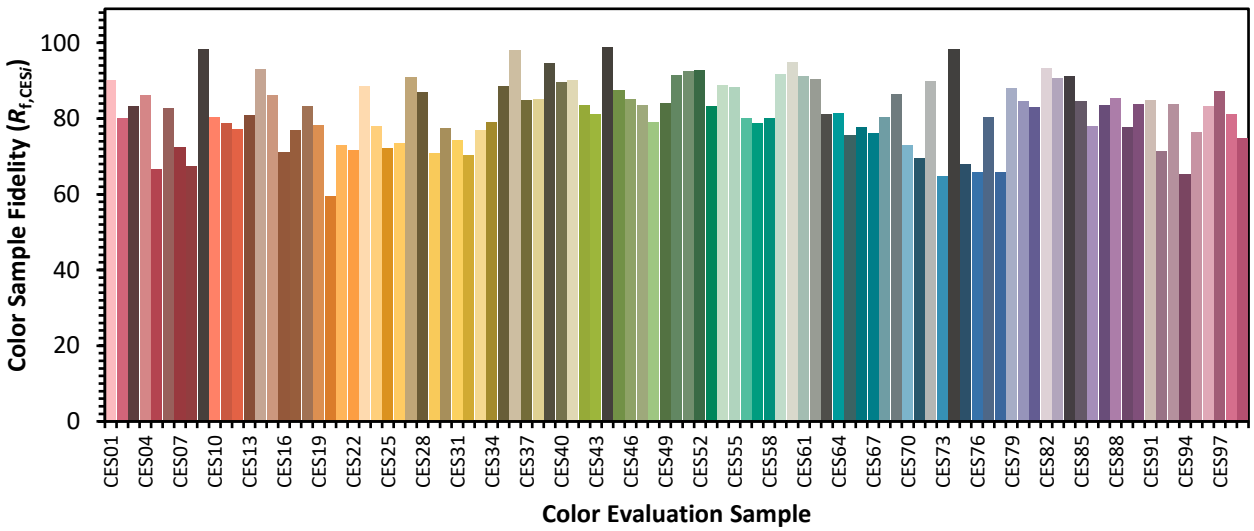


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Individual Sample Fidelity Index ($R_{f,i}$)

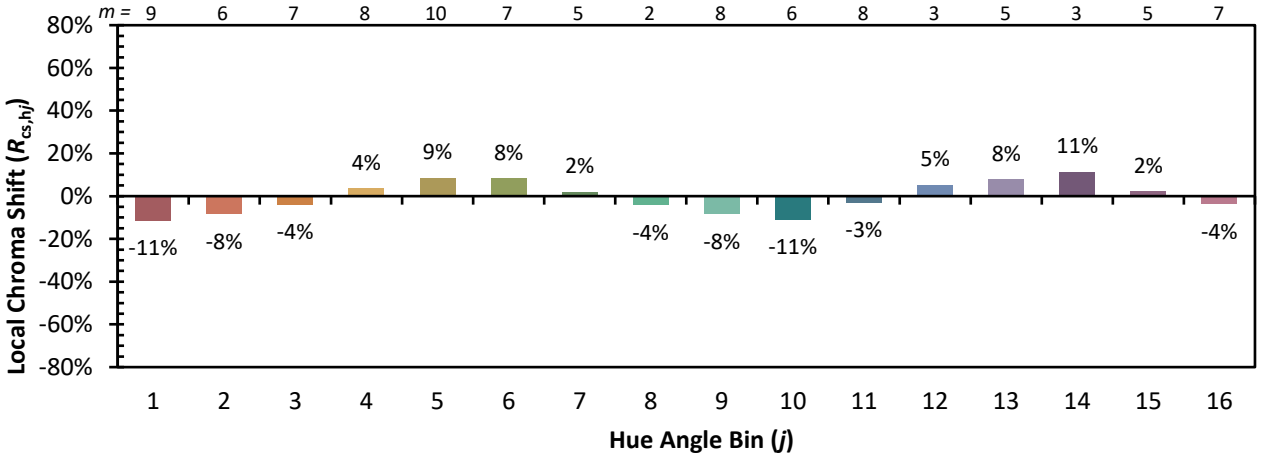
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

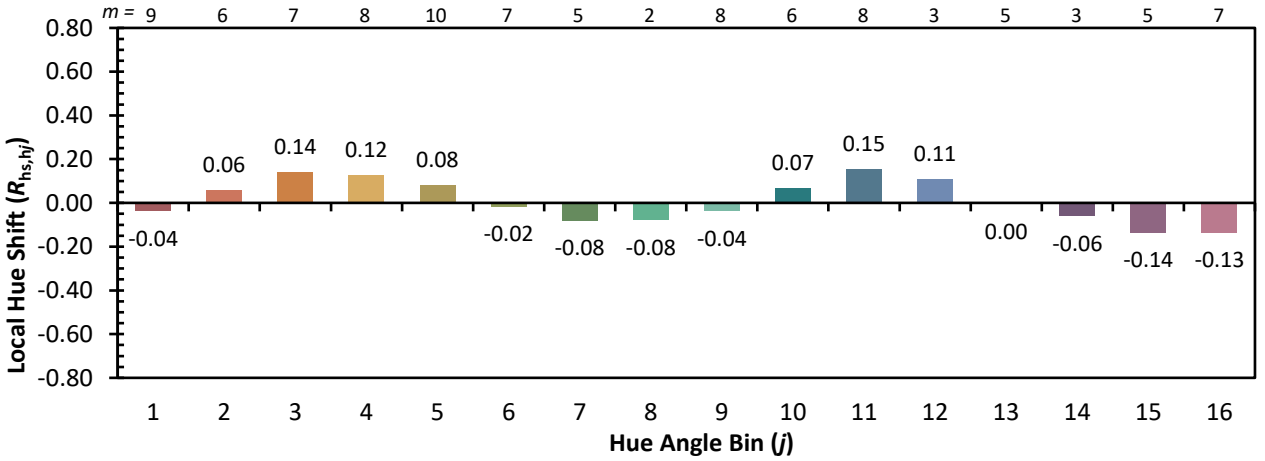


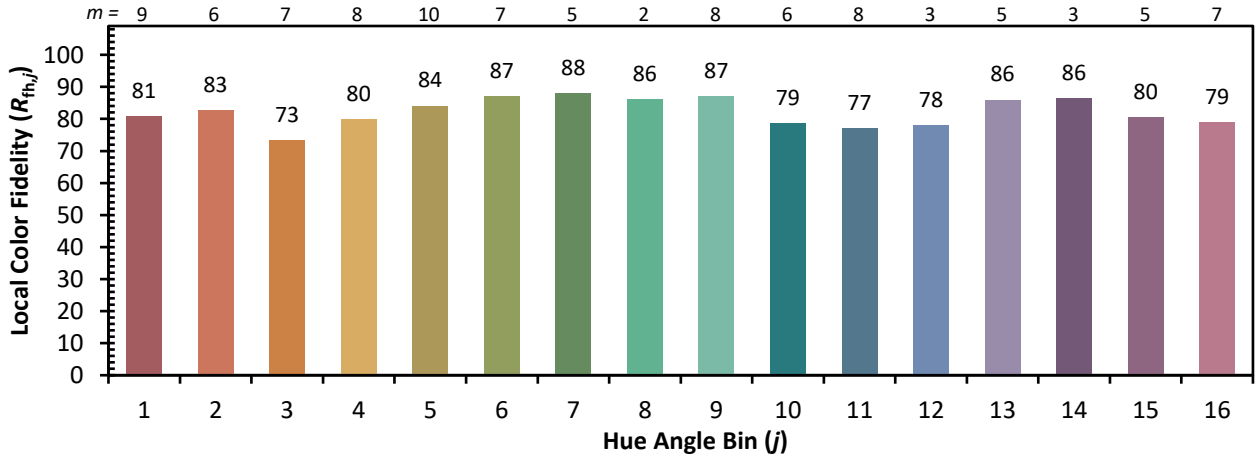
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Color Rendition by Hue-Angle Bin



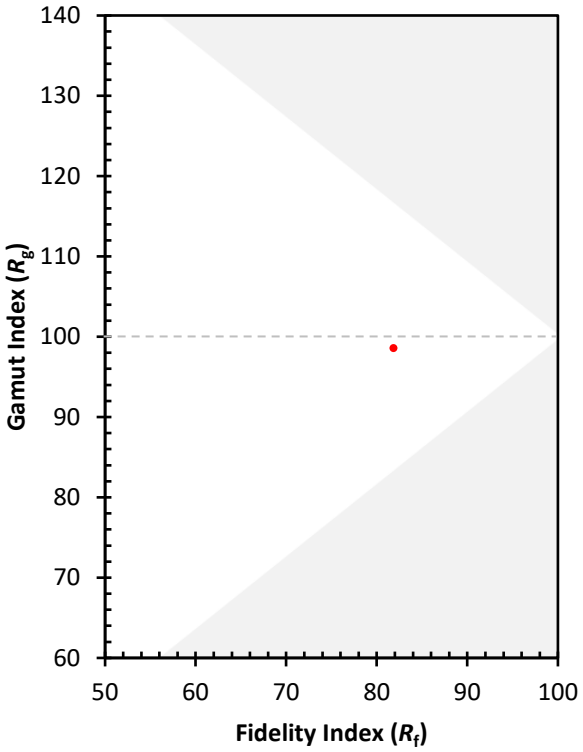


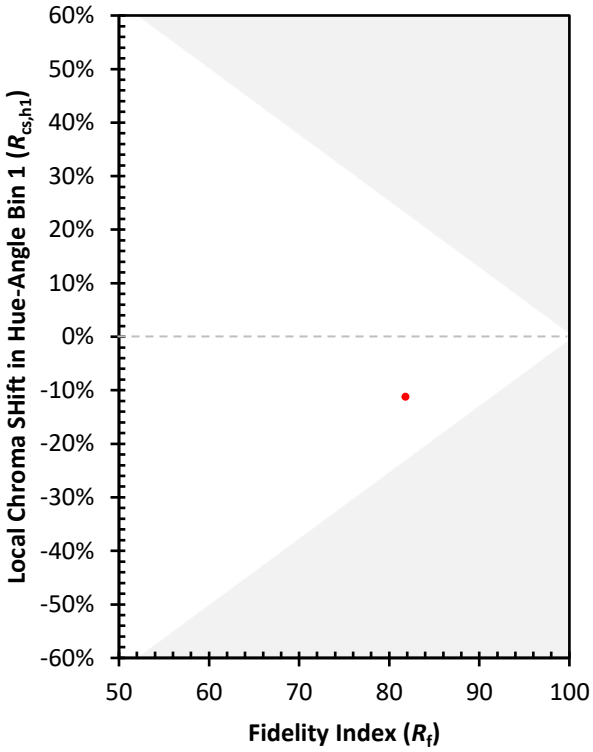


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Measure Comparisons





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