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: P1501188

Luminaire Tested: GSS-SB2D-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:	P1501188
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18548 lumens
Efficiency:	N/A
Efficacy:	126.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

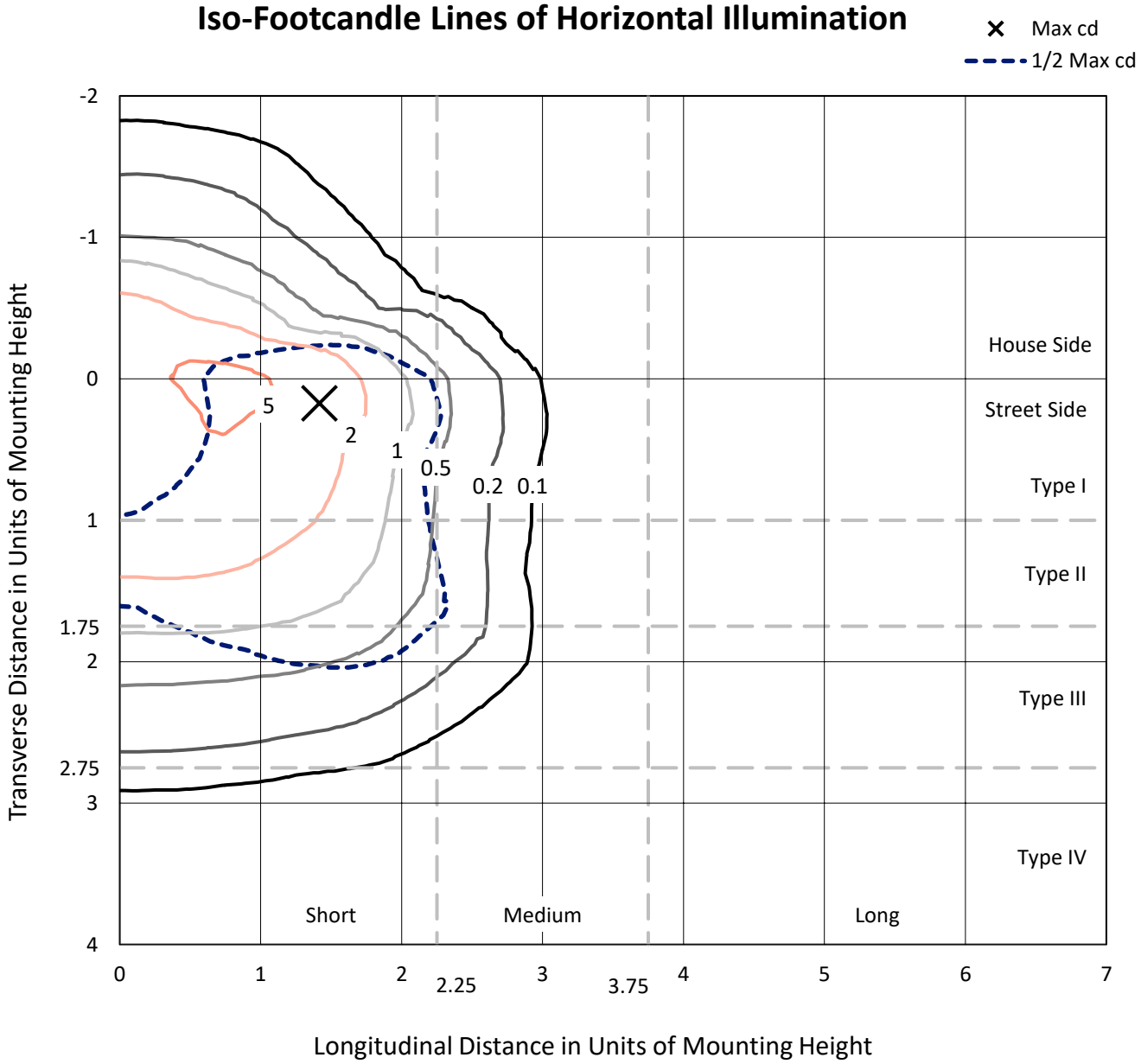
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501188
CATALOG NUMBER: GSS-SB2D-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



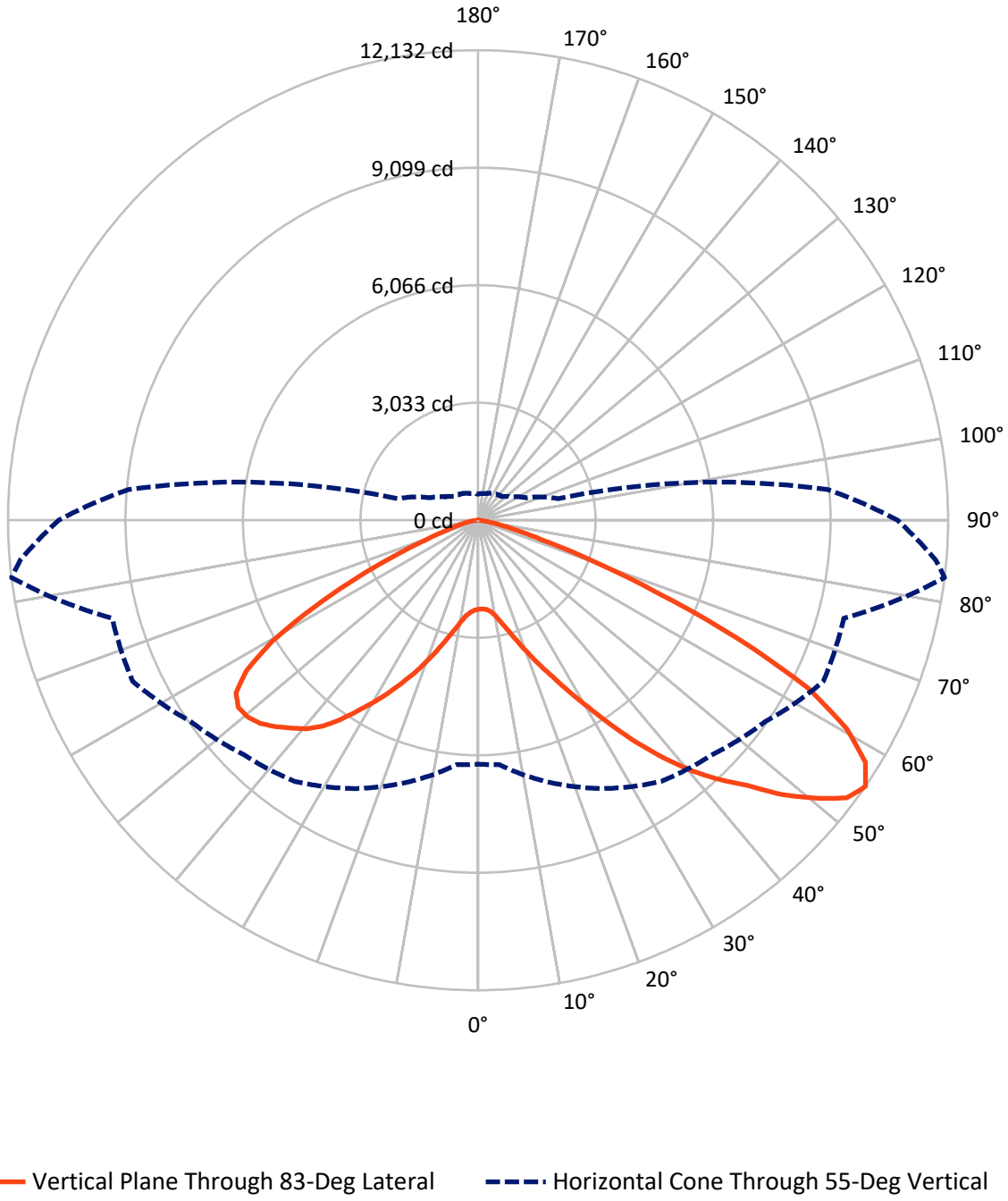
Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1501188
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Luminous Intensity Polar Plot



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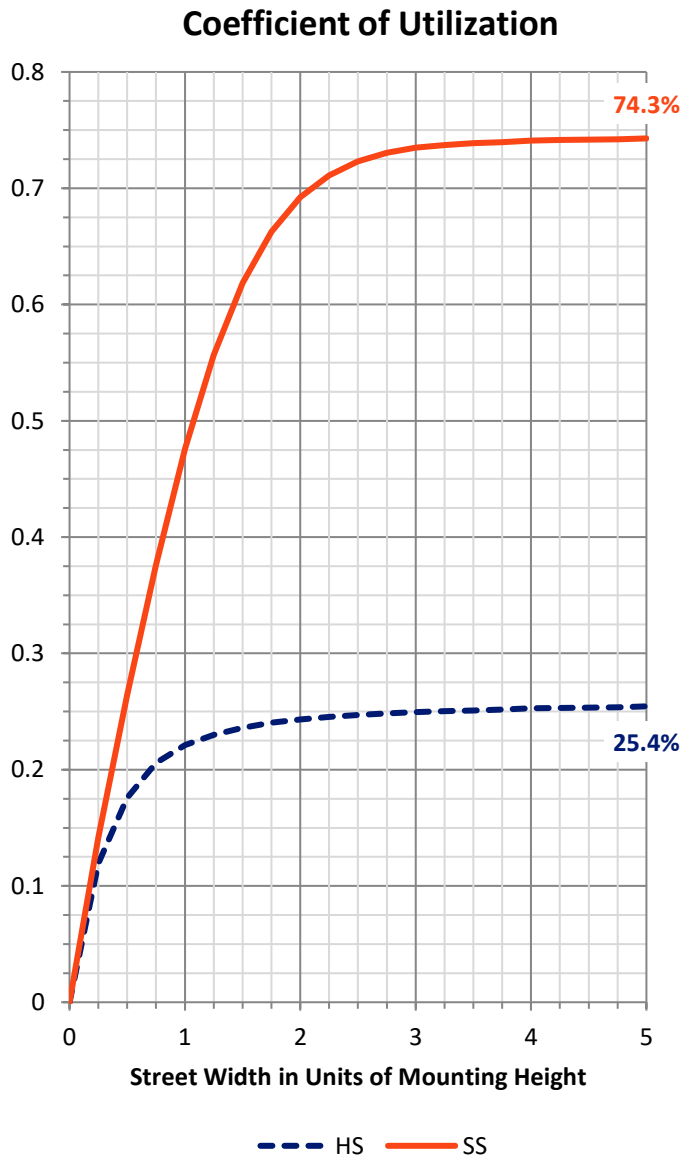
REPORT NUMBER: P1501188
CATALOG NUMBER: GSS-SB2D-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4759.8	0.0	4759.8
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	13788.2	0.0	13788.2
	% Fixture	74.3	0.0	74.3
Total	Lumens	18548.0	0.0	18548.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.8	1.2
10°-20°	722.7	3.9
20°-30°	1446.9	7.8
30°-40°	2574.2	13.9
40°-50°	3879.2	20.9
50°-60°	4727.1	25.5
60°-70°	3822.5	20.6
70°-80°	1047.0	5.6
80°-90°	106.6	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°	18548.0	100.0
0°-180°	18548.0	100.0



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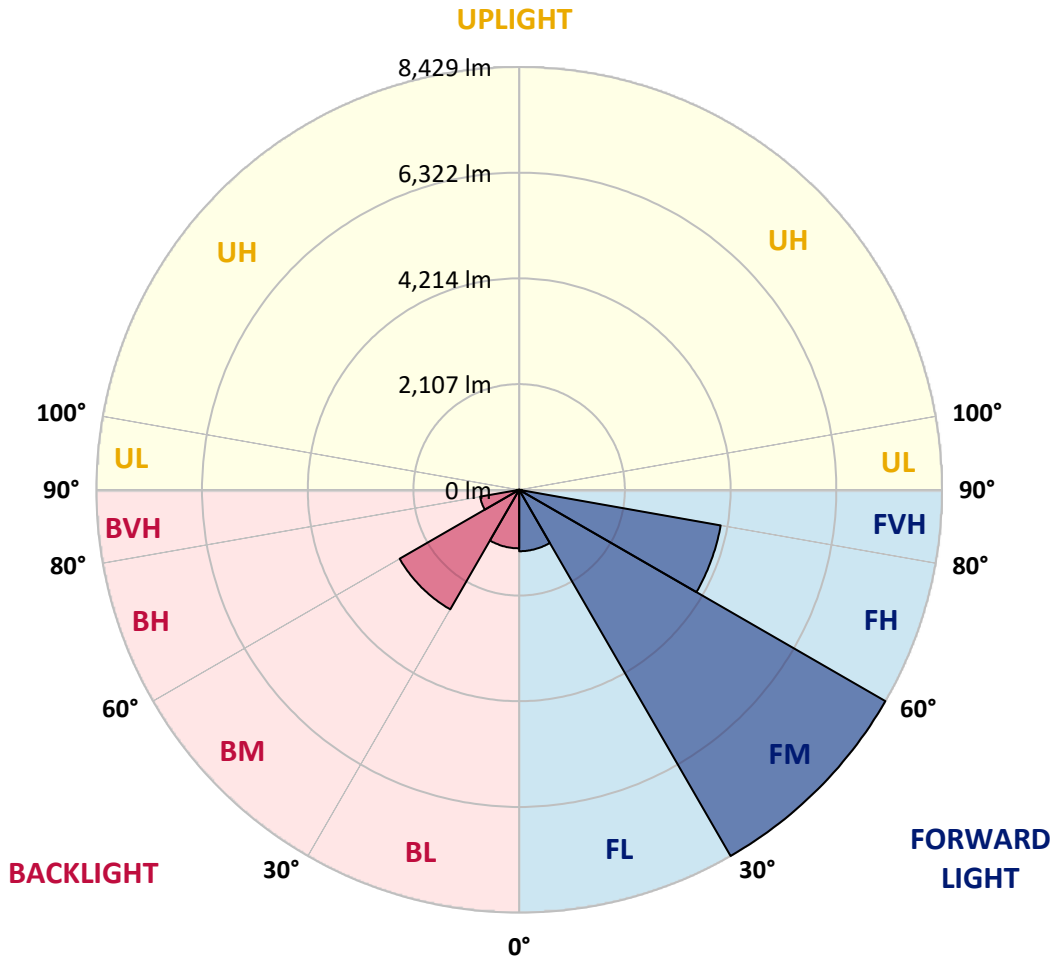
Scaled Data Report

REPORT NUMBER: P1501188
CATALOG NUMBER: GSS-SB2D-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1224.7	6.6			
FM	(30°-60°)	8428.8	45.4			
FH	(60°-80°)	4079.2	22.0			G2/5000
FVH	(80°-90°)	55.5	0.3			G1/100
BL	(0°-30°)	1166.7	6.3	B3/2500		
BM	(30°-60°)	2751.7	14.8	B3/5000		
BH	(60°-80°)	790.3	4.3	B2/1000		G2/1000
BVH	(80°-90°)	51.1	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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REPORT NUMBER: P1501188
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	*2296.0*	2296.0
2.5°	2230.1	2226.0	2221.9	2217.7	2226.0	2238.3	2250.7	2259.0	2279.6	*2296.0*	2287.8
5°	2052.8	2044.6	2052.8	2085.8	2114.7	2164.1	2213.6	2246.6	2291.9	*2312.5*	2320.8
7.5°	1896.2	1888.0	1896.2	1937.4	1986.9	2065.2	2168.3	2250.7	2333.1	*2382.6*	2390.9
10°	1896.2	1900.3	1900.3	1916.8	1941.5	2019.9	2143.5	2300.2	2444.4	*2514.5*	2531.0
12.5°	1958.0	1958.0	1958.0	1978.6	1995.1	2057.0	2197.1	2390.9	2621.7	*2724.8*	2737.1
15°	2040.5	2036.4	2048.7	2061.1	2089.9	2151.8	2291.9	2522.8	2815.4	*2972.1*	2988.6
17.5°	2155.9	2147.7	2160.0	2188.9	2230.1	2300.2	2440.3	2704.1	3083.4	*3281.2*	3306.0
20°	2283.7	2279.6	2304.3	2349.6	2407.3	2493.9	2654.7	2922.6	3388.4	*3639.9*	3685.2
22.5°	2436.2	2428.0	2473.3	2555.7	2634.1	2733.0	2926.7	3207.0	3738.8	*4039.7*	4085.1
25°	2609.3	2609.3	2671.2	2770.1	2889.6	3066.9	3260.6	3569.8	4151.0	*4472.6*	4542.6
27.5°	2893.8	2914.4	2939.1	3042.2	3211.2	3450.3	3656.4	4006.8	4600.3	*5004.3*	5029.0
30°	3355.4	3347.2	3388.4	3458.5	3598.7	3850.1	4159.3	4534.4	5169.2	*5593.8*	5655.6
32.5°	3771.8	3784.2	3841.9	3973.8	4142.8	4357.1	4728.1	5189.8	5787.5	*6278.1*	6306.9
35°	4192.2	4200.5	4311.8	4509.7	4761.1	5000.2	5404.2	5857.6	6459.4	*7040.7*	7119.0
37.5°	4781.7	4773.5	4884.8	5053.8	5391.8	5762.8	6088.4	6521.3	7102.5	*7782.7*	7873.3
40°	5222.8	5268.1	5478.4	5692.7	6010.1	6393.5	6669.7	7077.8	7630.1	*8508.2*	8590.6
42.5°	5676.2	5713.3	5993.6	6315.2	6649.1	6908.8	7123.1	7502.4	8050.6	*9151.2*	9196.6
45°	6051.3	6100.8	6422.3	6830.4	7176.7	7440.5	7514.7	7869.2	8479.3	*9769.5*	9839.6
47.5°	6290.4	6344.0	6723.3	7201.4	7555.9	7836.2	7811.5	8310.3	8936.9	*10589.9*	10565.1
50°	6455.3	6488.3	6900.5	7411.7	7873.3	8058.8	8166.0	8809.1	9406.8	*11278.3*	11187.6
52.5°	6574.9	6628.5	7003.6	7564.2	8050.6	8293.8	8582.4	9386.2	9732.4	*11909.0*	11707.0
55°	*6294.6*	*6335.8*	*6995.3*	*7642.5*	*8232.0*	*8553.5*	*9056.4*	*9835.5*	*9773.7*	*12131.6*	*11859.5*
57.5°	6006.0	6039.0	6649.1	7621.9	8429.8	8875.0	9596.4	9893.2	9406.8	*11789.4*	11447.3
60°	5643.3	5668.0	6278.1	7403.4	8434.0	9126.5	9872.6	9472.8	8726.6	*10927.9*	10602.2
62.5°	4975.5	4975.5	5647.4	6813.9	8227.9	9254.3	9798.4	8677.2	7815.6	*9571.7*	9122.4
65°	4315.9	4287.1	4740.5	5762.8	7679.6	9221.3	9241.9	7671.4	6401.7	*7382.8*	7032.4
67.5°	3598.7	3602.8	3870.7	4678.7	6220.4	8532.9	8067.1	5927.7	4460.2	*4971.3*	4790.0
70°	2436.2	2498.0	2770.1	3396.7	4691.0	6047.2	6422.3	4015.0	2782.5	*3087.5*	2939.1
72.5°	927.5	939.9	1257.3	1780.8	2963.8	3635.8	4480.8	2246.6	1628.3	*1702.5*	1710.7
75°	391.6	408.1	535.9	750.2	1315.0	1982.8	2357.9	1137.7	989.3	*1018.2*	1009.9
77.5°	263.8	272.1	325.7	404.0	593.6	795.6	985.2	643.1	606.0	*568.9*	552.4
80°	197.9	197.9	235.0	272.1	333.9	408.1	428.7	325.7	362.8	*300.9*	292.7
82.5°	127.8	136.0	148.4	160.8	189.6	202.0	173.1	177.3	210.2	*156.6*	148.4
85°	61.8	66.0	70.1	74.2	74.2	70.1	61.8	78.3	107.2	*66.0*	61.8
87.5°	8.2	8.2	8.2	8.2	8.2	8.2	4.1	4.1	4.1	*4.1*	4.1
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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Scaled Data Report

REPORT NUMBER: P1501188
CATALOG NUMBER: GSS-SB2D-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0	2296.0
2.5°	2300.2	2316.7	2329.0	2337.3	2357.9	2353.8	2366.1	2374.4	2382.6	2395.0	2378.5
5°	2341.4	2370.2	2403.2	2428.0	2452.7	2465.1	2469.2	2477.4	2481.5	2489.8	2485.7
7.5°	2432.1	2465.1	2514.5	2539.3	2559.9	2559.9	2547.5	2543.4	2531.0	2539.3	2539.3
10°	2584.6	2634.1	2687.7	2691.8	2667.0	2638.2	2592.8	2568.1	2535.1	2526.9	2518.6
12.5°	2807.2	2873.2	2914.4	2885.5	2799.0	2691.8	2572.2	2460.9	2374.4	2337.3	2329.0
15°	3058.7	3141.1	3149.3	3066.9	2910.3	2650.6	2399.1	2275.4	2230.1	2230.1	2226.0
17.5°	3404.9	3462.6	3429.6	3231.8	2881.4	2456.8	2275.4	2254.8	2267.2	2283.7	2283.7
20°	3767.7	3833.6	3697.6	3347.2	2704.1	2341.4	2287.8	2304.3	2333.1	2349.6	2345.5
22.5°	4200.5	4233.5	3969.7	3351.3	2514.5	2312.5	2312.5	2333.1	2353.8	2378.5	2378.5
25°	4645.7	4633.3	4221.1	3198.8	2407.3	2304.3	2296.0	2312.5	2320.8	2333.1	2329.0
27.5°	5144.5	5078.5	4414.8	2955.6	2374.4	2279.6	2238.3	2221.9	2230.1	2242.5	2246.6
30°	5717.5	5560.8	4571.5	2803.1	2362.0	2221.9	2122.9	2077.6	2069.3	2085.8	2085.8
32.5°	6381.1	6043.1	4666.3	2782.5	2349.6	2118.8	1986.9	1900.3	1883.8	1892.1	1912.7
35°	7061.3	6624.3	4641.6	2836.1	2353.8	2036.4	1842.6	1727.2	1710.7	1718.9	1739.6
37.5°	7774.4	7176.7	4546.8	2918.5	2320.8	1925.1	1710.7	1570.5	1545.8	1562.3	1570.5
40°	8326.8	7642.5	4311.8	2951.5	2263.1	1784.9	1558.2	1438.6	1372.7	1368.6	1389.2
42.5°	8837.9	8009.4	4056.2	2897.9	2143.5	1636.5	1401.5	1282.0	1178.9	1100.6	1100.6
45°	9349.1	8380.4	3796.5	2745.4	1945.7	1479.9	1236.7	1075.9	956.3	898.6	902.8
47.5°	9860.2	8739.0	3487.4	2514.5	1747.8	1315.0	1059.4	931.6	849.2	803.8	803.8
50°	10334.3	8998.7	3091.6	2147.7	1521.1	1150.1	935.7	861.5	799.7	758.5	750.2
52.5°	10750.6	9171.8	2555.7	1702.5	1273.8	964.6	869.8	812.1	766.7	721.4	709.0
55°	*10824.8*	*9056.4*	*2139.4*	*1368.6*	*1051.2*	*865.7*	*820.3*	*770.8*	*709.0*	*688.4*	*676.0*
57.5°	10367.3	8446.3	1805.5	1154.2	898.6	795.6	779.1	721.4	671.9	651.3	638.9
60°	9588.2	7337.5	1492.2	989.3	799.7	729.6	750.2	692.5	614.2	601.8	589.5
62.5°	8186.6	5725.7	1191.3	832.7	725.5	680.2	700.8	618.3	552.4	535.9	531.8
65°	6364.6	4097.4	1001.7	733.7	667.8	630.7	622.4	548.2	498.8	486.4	486.4
67.5°	4443.7	2605.2	836.8	671.9	593.6	568.9	564.7	515.3	482.3	469.9	469.9
70°	2720.6	1578.8	704.9	614.2	523.5	478.2	507.0	498.8	449.3	437.0	432.8
72.5°	1413.9	944.0	618.3	564.7	441.1	408.1	453.4	457.6	416.3	432.8	428.7
75°	820.3	655.4	540.0	498.8	350.4	342.1	395.7	437.0	404.0	416.3	408.1
77.5°	469.9	420.5	416.3	408.1	276.2	280.3	354.5	391.6	346.3	358.6	329.8
80°	259.7	272.1	288.6	255.6	193.7	218.5	284.4	313.3	263.8	259.7	239.1
82.5°	136.0	169.0	193.7	164.9	111.3	131.9	193.7	193.7	169.0	160.8	156.6
85°	61.8	70.1	90.7	82.4	41.2	49.5	90.7	98.9	86.6	78.3	74.2
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	8.2	12.4	4.1	4.1	4.1
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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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

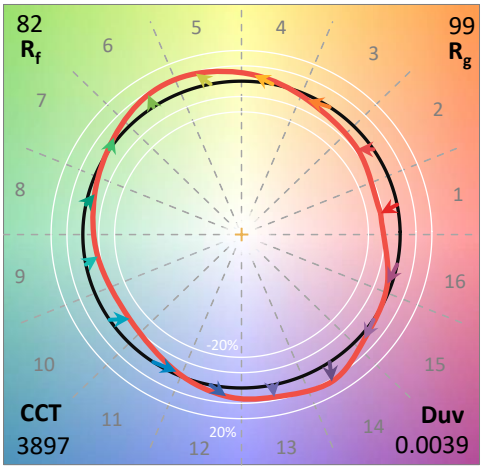
Test Information

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

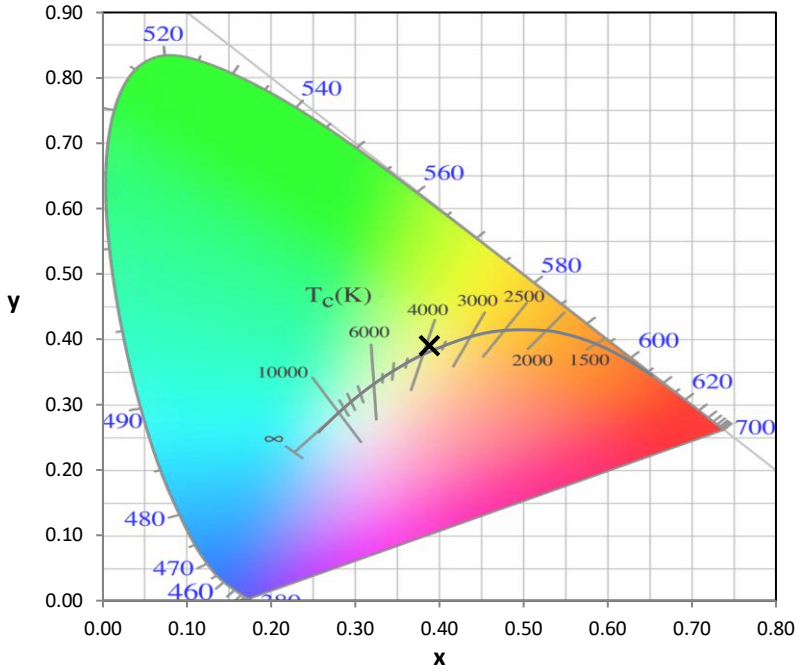
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

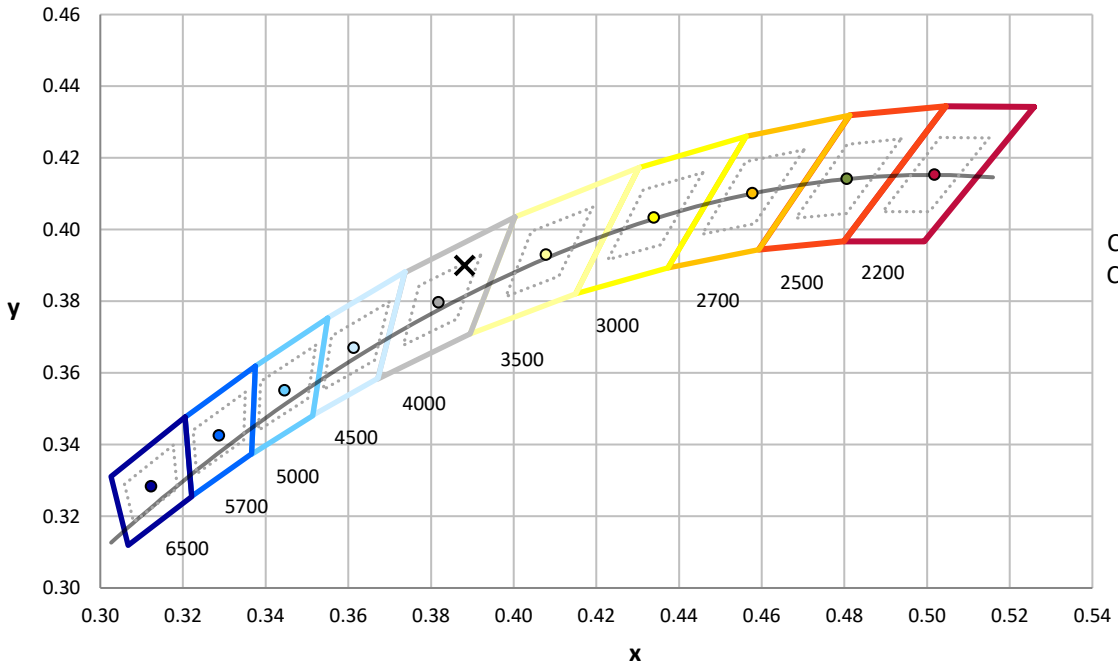
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

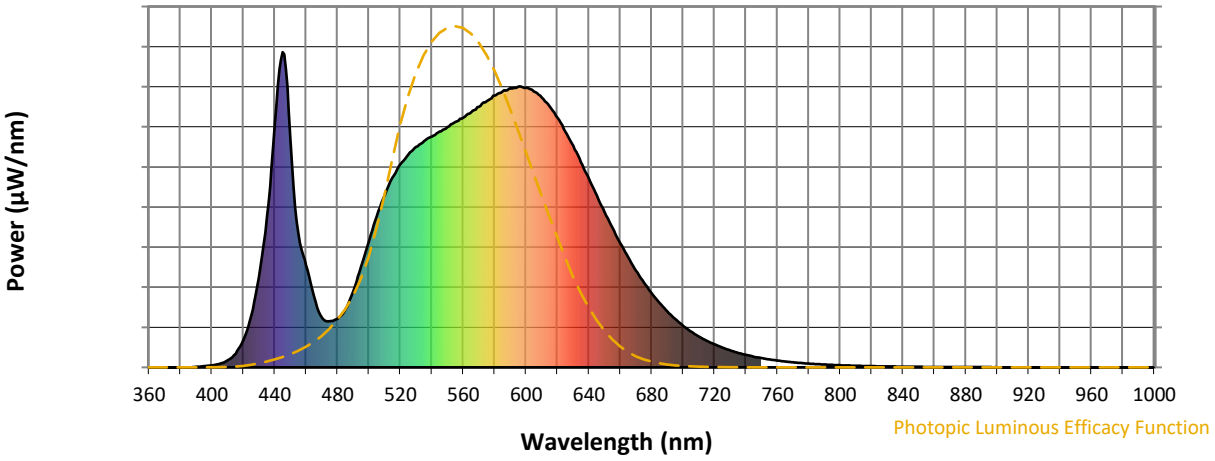


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

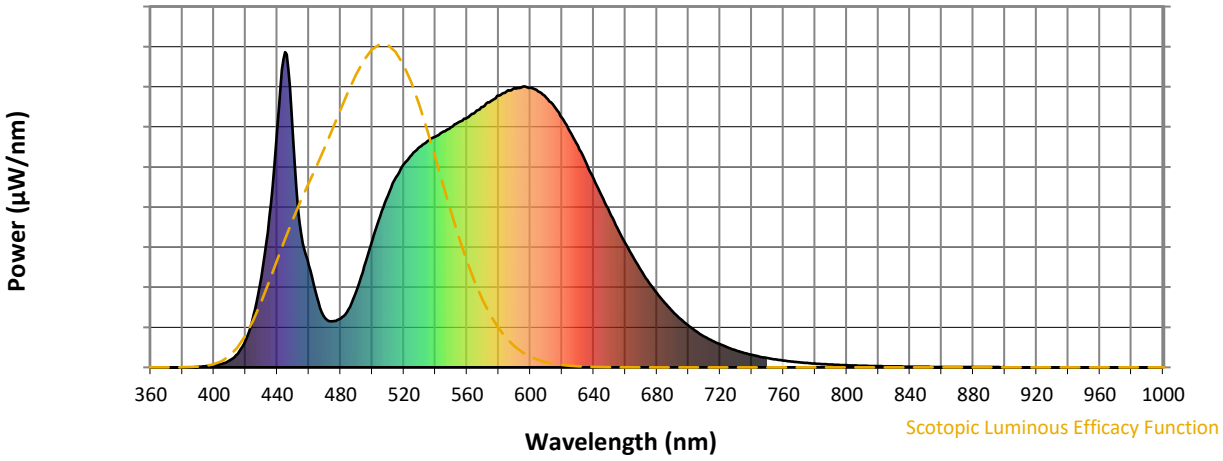


Photopic Lumens: NR

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

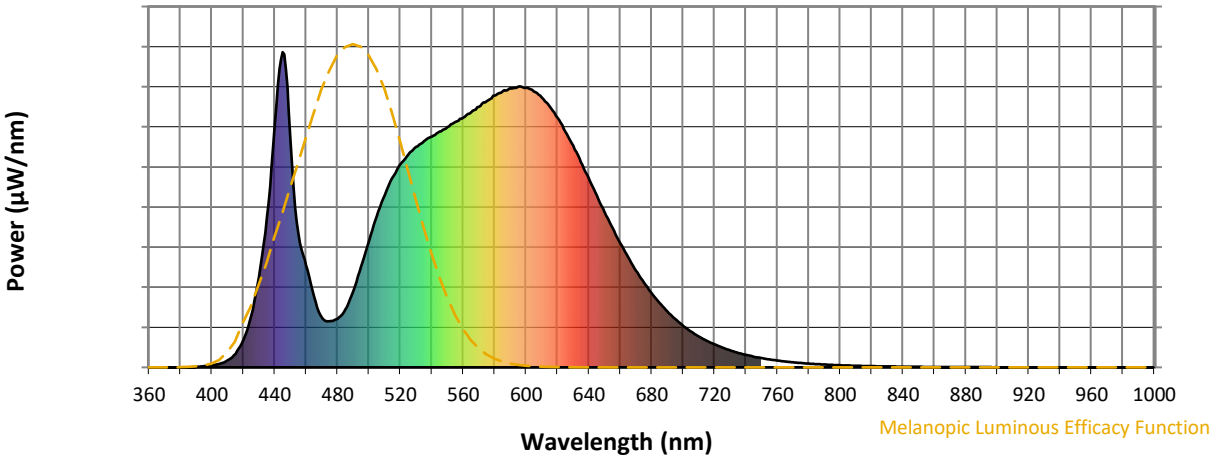


Scotopic Lumens: NR **S/P: 1.57**

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			

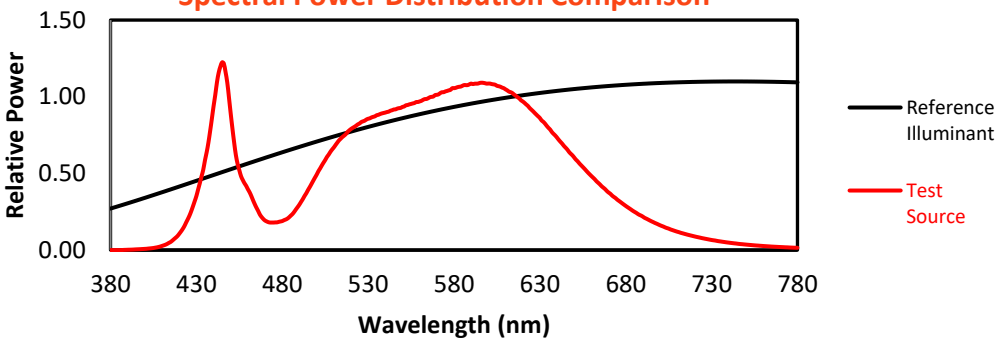
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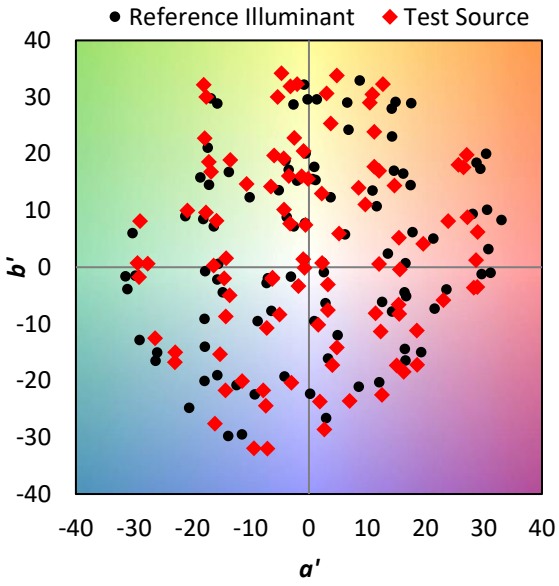
Summary

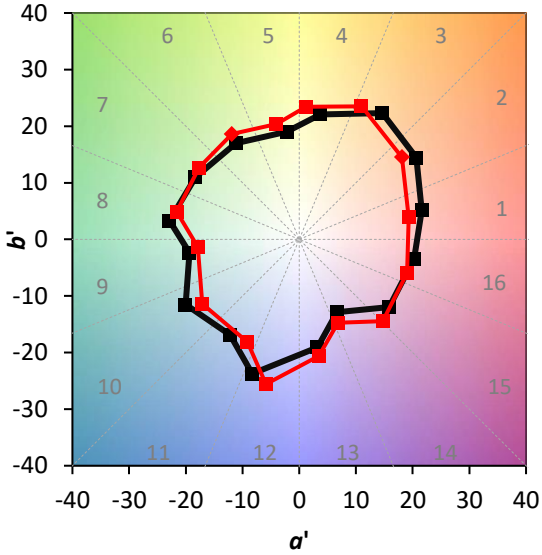
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

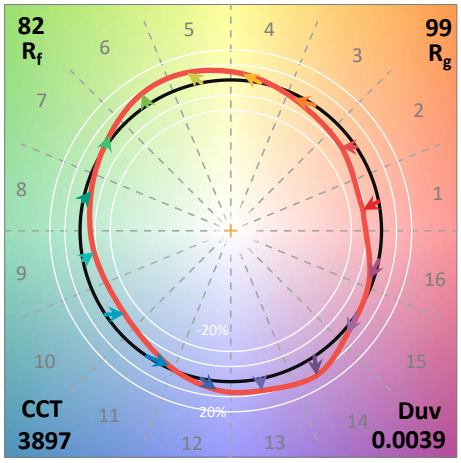
Spectral Power Distribution Comparison

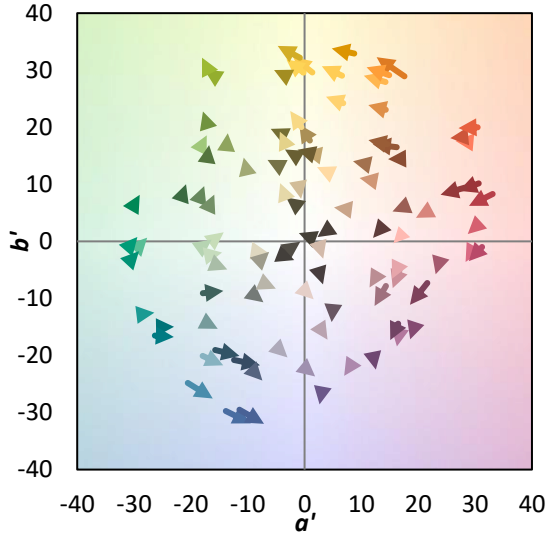


Color Vector Graphics







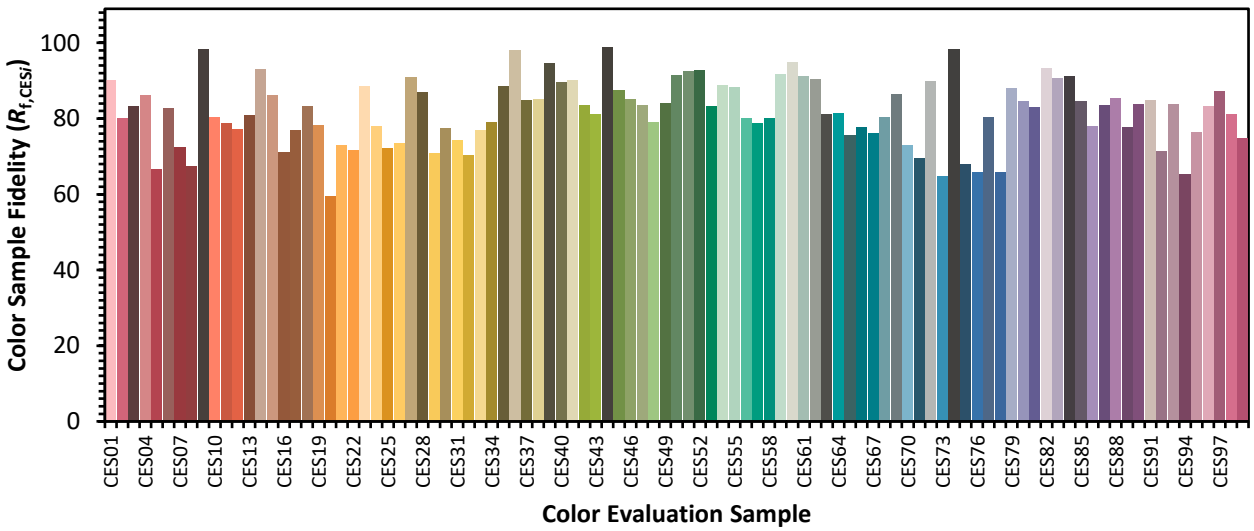


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Individual Sample Fidelity Index ($R_{f,i}$)

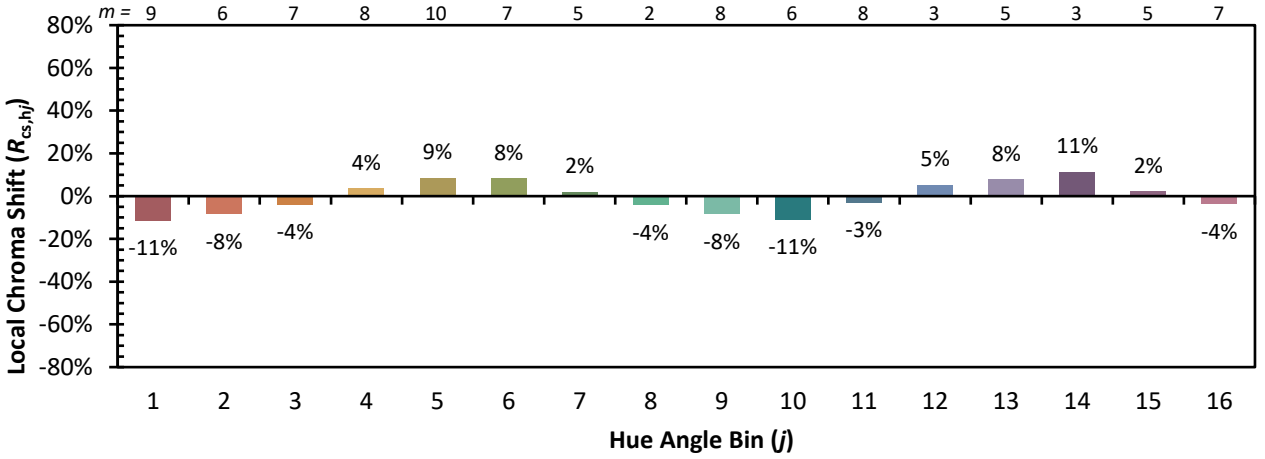
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

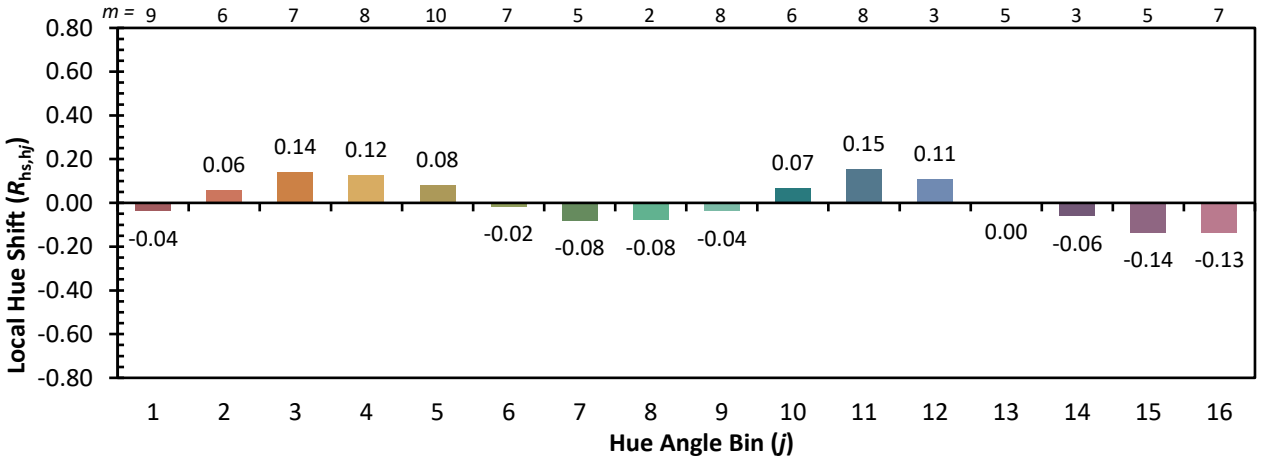


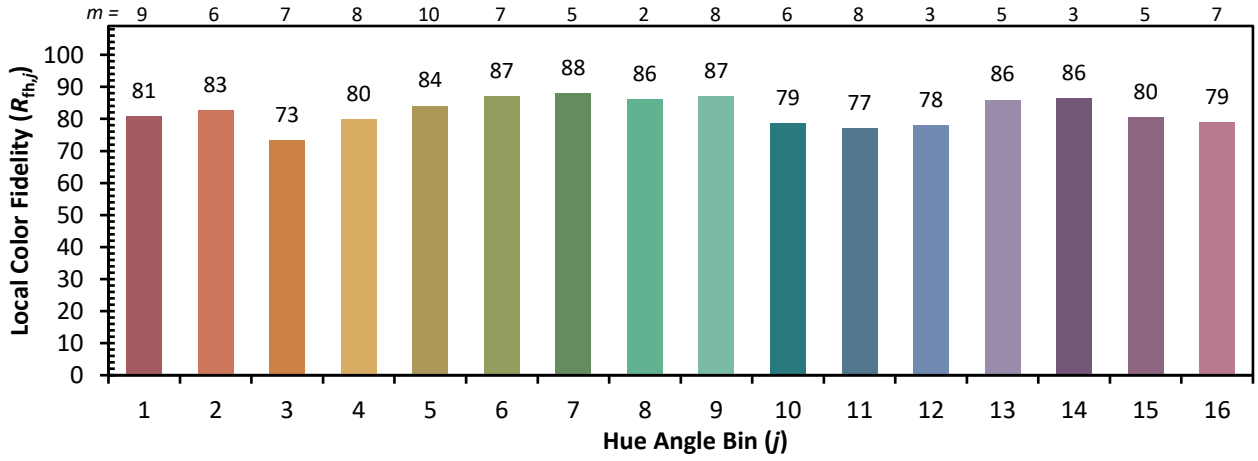
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Color Rendition by Hue-Angle Bin



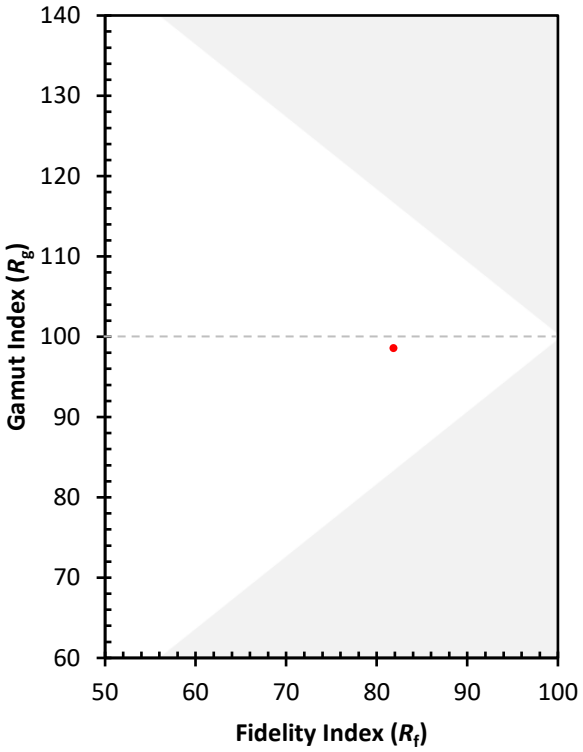


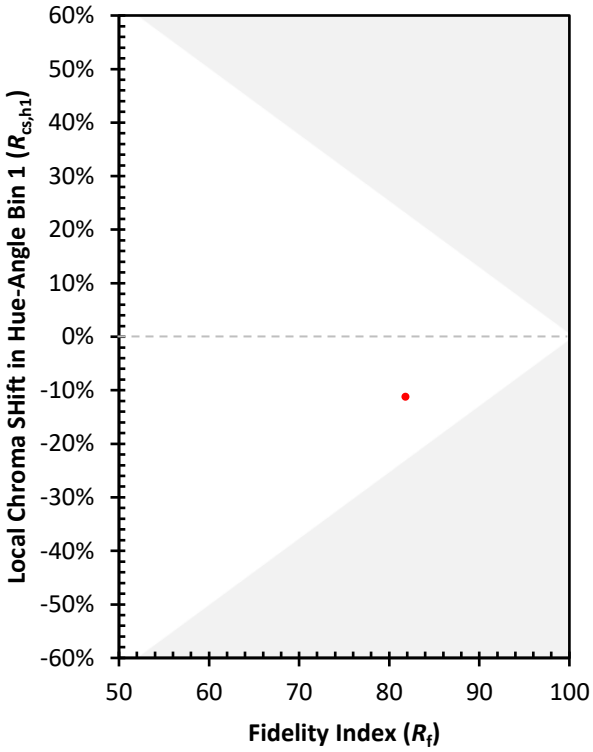


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Measure Comparisons





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