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: P1502739

Luminaire Tested: GSS-SB6C-840-U-T4LG-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:	P1502739
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(156) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33461.8 lumens
Efficiency:	N/A
Efficacy:	111.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

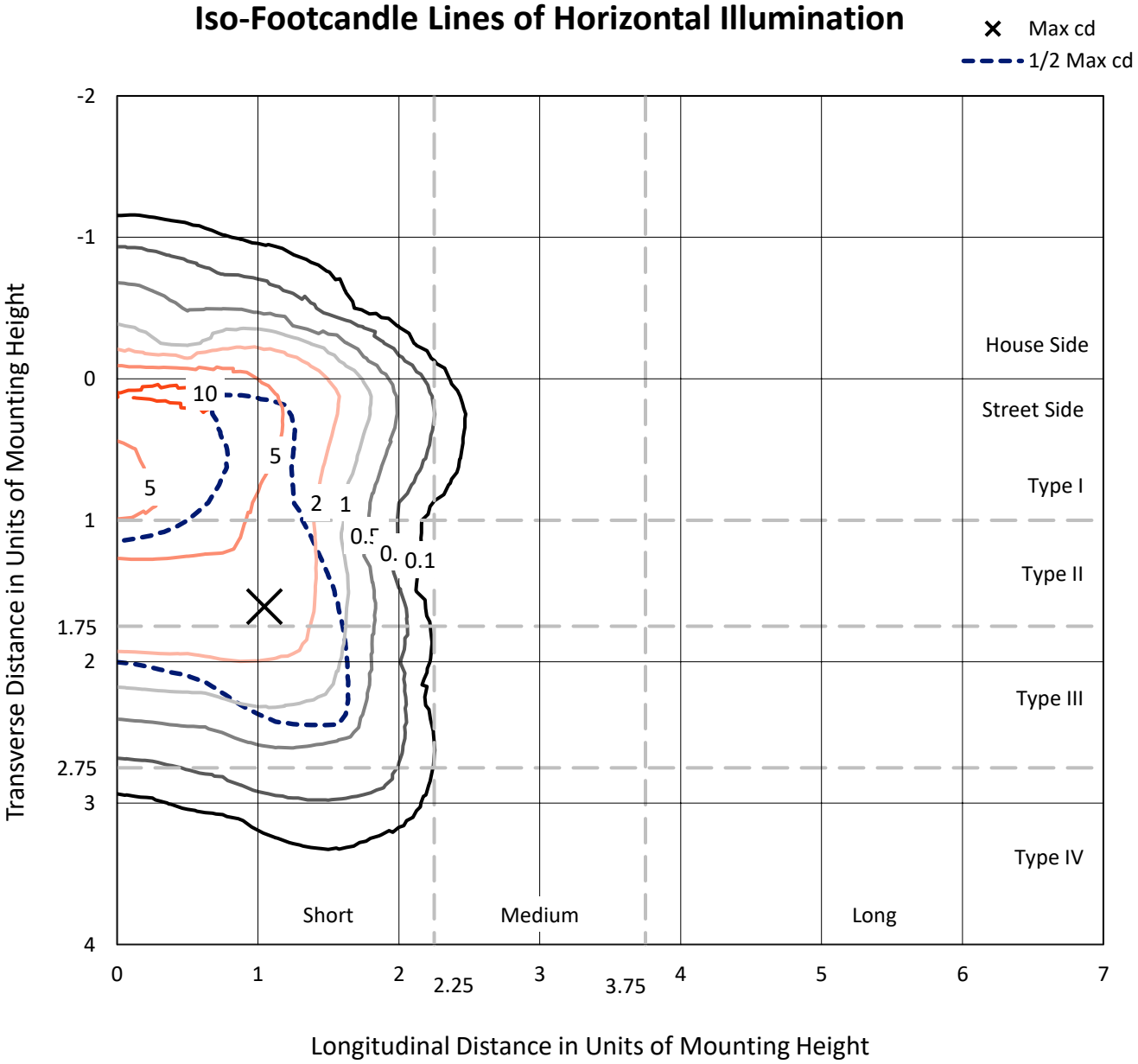
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502739
CATALOG NUMBER: GSS-SB6C-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



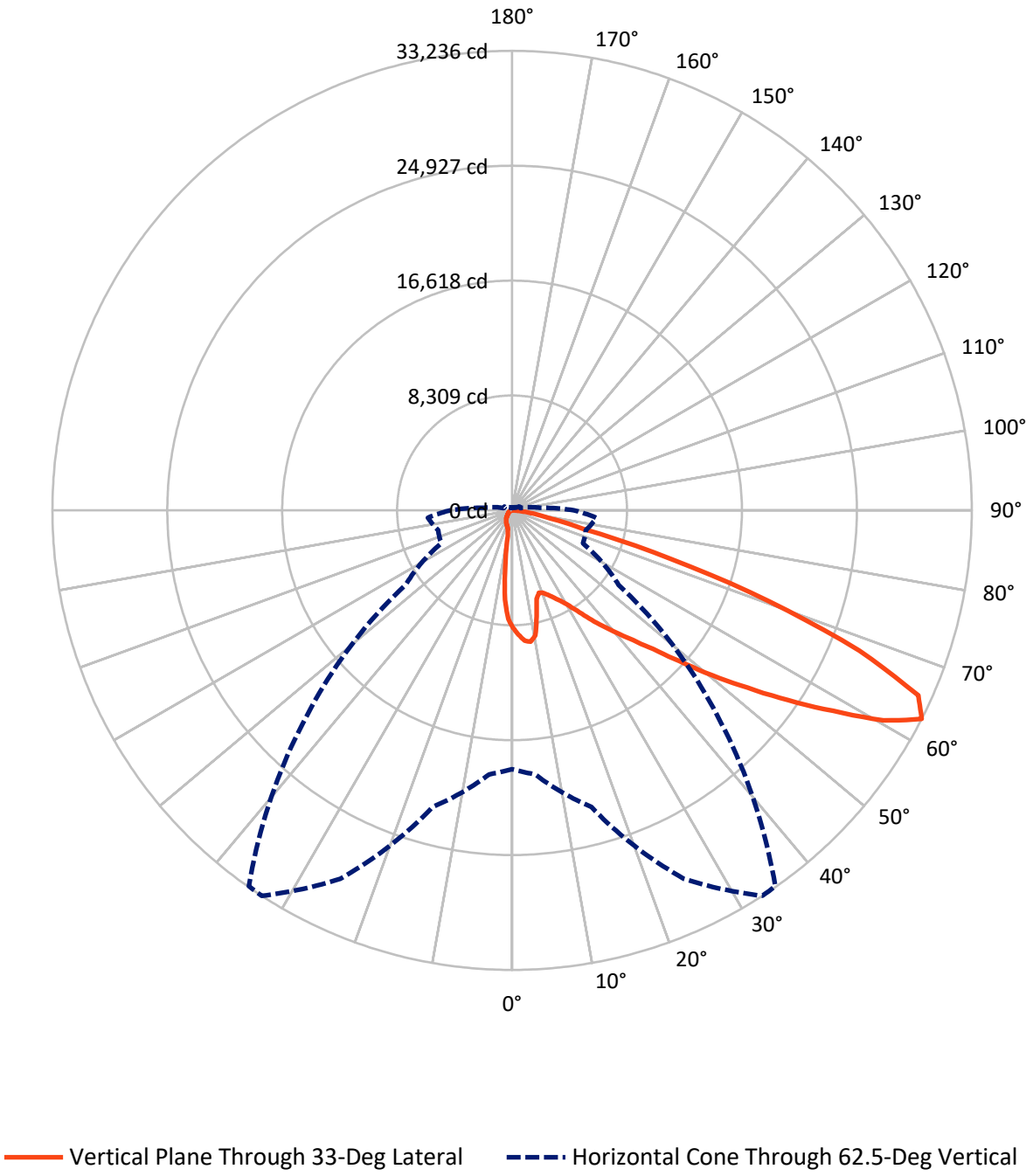
Based on 30 foot mounting height. Maximum calculated value = 11.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502739
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Luminous Intensity Polar Plot



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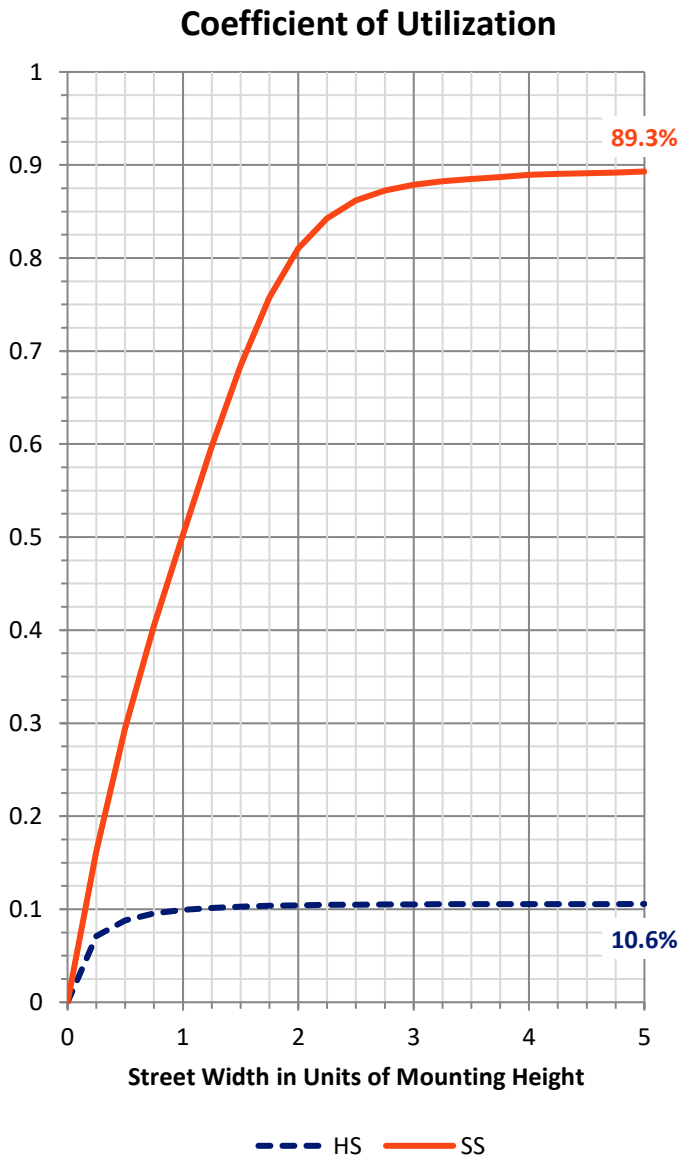
REPORT NUMBER: P1502739
CATALOG NUMBER: GSS-SB6C-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3560.6	0.0	3560.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	29901.2	0.0	29901.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	33461.8	0.0	33461.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	722.6	2.2
10°-20°	1612.6	4.8
20°-30°	2599.0	7.8
30°-40°	4323.6	12.9
40°-50°	6833.6	20.4
50°-60°	9180.9	27.4
60°-70°	6739.7	20.1
70°-80°	1333.9	4.0
80°-90°	115.9	0.3
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°	33461.8	100.0
0°-180°	33461.8	100.0



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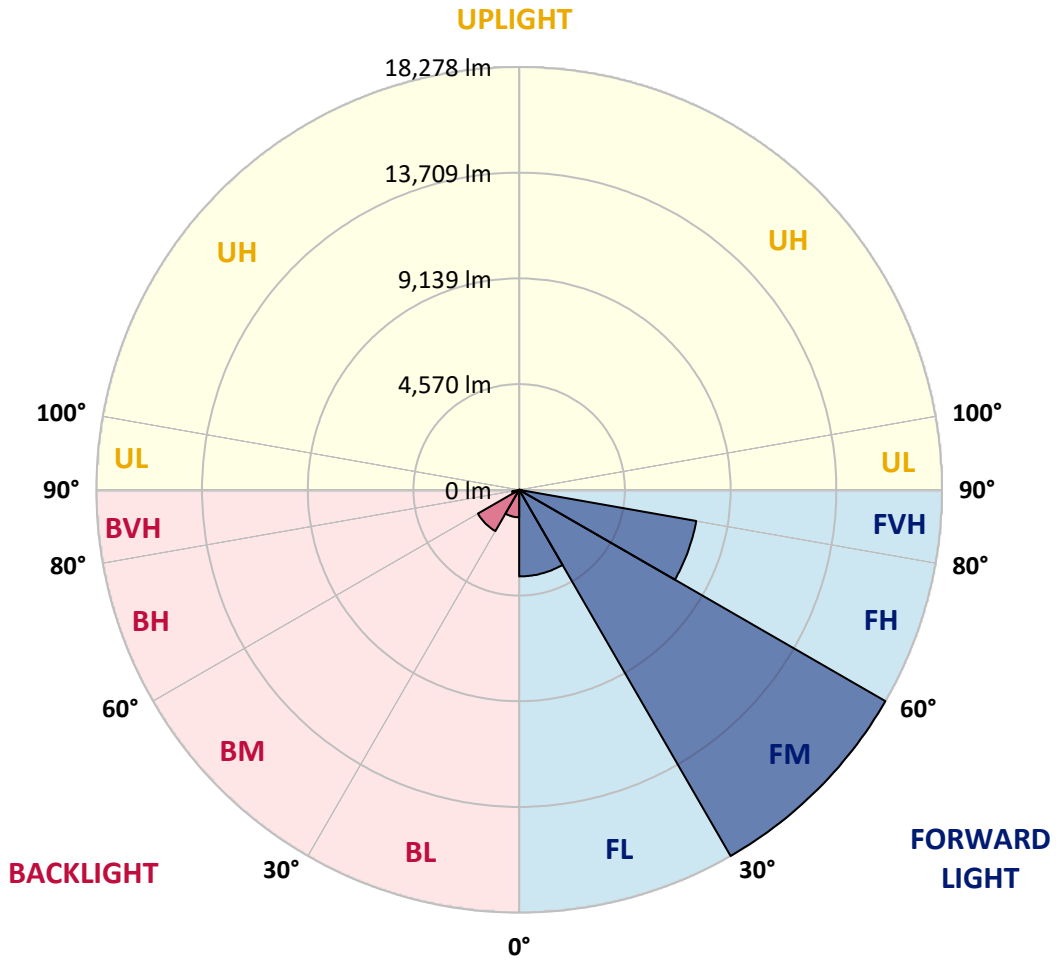
Scaled Data Report

REPORT NUMBER: P1502739
CATALOG NUMBER: GSS-SB6C-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3746.2	11.2			
FM	(30°-60°)	18278.4	54.6			
FH	(60°-80°)	7769.4	23.2			G4/12000
FVH	(80°-90°)	107.2	0.3			G2/225
BL	(0°-30°)	1188.0	3.6	B3/2500		
BM	(30°-60°)	2059.7	6.2	B2/2500		
BH	(60°-80°)	304.2	0.9	B1/500		G1/500
BVH	(80°-90°)	8.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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REPORT NUMBER: P1502739
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	8499.7	8499.7	8499.7	8499.7	*8499.7*	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7
2.5°	9055.7	9093.3	9093.3	9018.0	*8999.1*	8961.4	8923.7	8914.3	8791.8	8697.6	8603.3
5°	9517.4	9508.0	9498.5	9460.8	*9470.3*	9423.2	9394.9	9347.8	9140.5	8999.1	8744.7
7.5°	9319.5	9404.3	9442.0	9545.7	*9592.8*	9583.4	9658.7	9677.6	9498.5	9300.7	8914.3
10°	8028.5	7981.4	8320.6	8763.5	*9206.4*	9310.1	9715.3	9932.0	9866.0	9687.0	9187.6
12.5°	6360.6	6407.7	6643.3	7161.6	*7887.2*	8113.3	9281.8	10139.3	10327.8	10214.7	9564.5
15°	5823.5	5823.5	5946.0	6191.0	*6624.5*	6841.2	8283.0	10111.0	10817.8	10827.2	10035.7
17.5°	5710.4	5729.3	5832.9	5993.1	*6275.8*	6370.1	7378.3	9696.4	11298.4	11468.0	10563.4
20°	5729.3	5757.5	5870.6	6096.8	*6370.1*	6483.1	7142.8	9168.7	11703.6	12165.3	11119.3
22.5°	5795.2	5785.8	5983.7	6285.2	*6633.9*	6737.6	7340.6	8952.0	12042.8	12966.3	11769.5
25°	5870.6	5880.0	6134.5	6558.5	*6982.6*	7105.1	7783.5	9149.9	12287.8	13823.8	12429.1
27.5°	6096.8	6125.1	6436.0	6897.8	*7397.2*	7557.4	8358.3	9668.2	12711.8	14653.0	13145.3
30°	6445.4	6473.7	6831.8	7387.8	*7924.9*	8169.9	9074.5	10318.4	13343.2	15614.2	13880.3
32.5°	6850.6	6888.3	7350.1	7990.8	*8641.0*	8876.6	9894.3	11307.8	14181.9	16594.2	14643.6
35°	7359.5	7463.1	7962.6	8725.8	*9602.2*	9828.4	10902.6	12429.1	15274.9	17470.5	15293.8
37.5°	8056.8	8141.6	8754.1	9705.9	*10591.6*	10893.2	12033.4	13607.0	16264.4	18252.7	15821.5
40°	8904.9	8980.3	9668.2	10704.7	*11628.2*	11882.6	13220.7	14794.4	17329.2	18686.1	15934.6
42.5°	10318.4	10525.7	10959.1	11835.5	*12824.9*	13145.3	14539.9	15944.0	18101.9	18770.9	15755.5
45°	12787.2	12853.2	12947.4	13362.0	*14313.8*	14596.5	15934.6	16942.8	18563.6	18789.8	15595.3
47.5°	15152.4	15378.6	15510.5	15699.0	*16273.8*	16377.4	17395.1	17838.0	18931.1	18723.8	15595.3
50°	17517.6	17687.3	17913.4	18139.6	*18752.1*	18789.8	18940.5	18441.1	18950.0	18186.7	15501.1
52.5°	19666.1	19722.7	20109.0	20542.5	*21305.8*	21513.1	20372.9	18884.0	17809.8	16490.5	15058.2
55°	21588.5	21663.8	22248.1	23133.8	*24226.9*	24500.2	22125.6	18026.5	15369.2	14294.9	14031.1
57.5°	22832.3	23011.3	24179.8	26130.4	*27364.8*	27242.3	23482.5	16019.4	12344.3	11694.1	12212.4
60°	22210.4	22455.4	24914.8	28646.4	*30842.0*	30483.9	23105.6	13183.0	9121.6	8650.5	9668.2
62.5°	*18714.4*	*19166.7*	*22210.4*	*29390.8*	*33235.5*	*33178.9*	*20975.9*	*9404.3*	*5653.9*	*5531.4*	*6106.2*
65°	13013.4	13795.5	17404.6	26903.1	*32274.3*	32359.1	17659.0	5474.9	2619.6	3251.0	3571.4
67.5°	7670.4	8226.4	11213.6	21965.4	*27082.2*	26300.0	12005.1	2534.8	1309.8	1978.9	1894.1
70°	3373.5	3750.4	6426.6	15218.4	*19732.1*	18469.4	5861.2	1234.4	998.9	1196.7	1046.0
72.5°	1856.4	2026.0	3382.9	8038.0	*12005.1*	11411.4	1978.9	819.8	857.5	895.2	753.9
75°	1036.5	1111.9	1781.0	4645.6	*5277.0*	4909.5	961.2	537.1	725.6	725.6	556.0
77.5°	603.1	669.0	1111.9	2892.9	*2892.9*	2336.9	584.2	339.2	546.5	490.0	301.5
80°	282.7	320.4	612.5	1601.9	*1828.1*	1507.7	329.8	235.6	358.1	311.0	197.9
82.5°	84.8	103.7	301.5	621.9	*1036.5*	885.8	169.6	150.8	263.8	197.9	113.1
85°	56.5	66.0	150.8	254.4	*508.9*	442.9	56.5	47.1	113.1	94.2	47.1
87.5°	9.4	9.4	18.8	18.8	*18.8*	18.8	9.4	9.4	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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Scaled Data Report

REPORT NUMBER: P1502739
CATALOG NUMBER: GSS-SB6C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7	8499.7
2.5°	8546.8	8480.8	8330.1	8188.7	8113.3	7943.7	7877.8	7802.4	7764.7	7755.3	7698.7
5°	8584.5	8462.0	8085.1	7708.1	7312.4	6935.4	6549.1	6209.9	5936.6	5946.0	5955.4
7.5°	8697.6	8452.6	7793.0	7039.1	6191.0	5211.0	4165.0	3382.9	2883.5	2779.8	2685.6
10°	8848.3	8490.3	7434.9	6040.2	4372.3	2751.6	1941.2	1658.5	1536.0	1507.7	1517.1
12.5°	9131.0	8584.5	6982.6	4664.5	2421.8	1583.1	1404.1	1356.9	1338.1	1338.1	1338.1
15°	9479.7	8716.4	6275.8	3053.1	1583.1	1319.2	1281.5	1272.1	1253.3	1253.3	1262.7
17.5°	9771.8	8716.4	5342.9	1988.3	1300.4	1225.0	1196.7	1187.3	1187.3	1196.7	1187.3
20°	10092.2	8650.5	4297.0	1498.3	1206.2	1140.2	1121.4	1121.4	1121.4	1130.8	1130.8
22.5°	10422.0	8537.4	3326.4	1281.5	1121.4	1064.8	1055.4	1064.8	1074.2	1083.7	1083.7
25°	10789.5	8396.0	2629.1	1187.3	1046.0	998.9	998.9	998.9	1008.3	1027.1	1036.5
27.5°	11194.7	8273.5	2252.1	1130.8	980.0	932.9	932.9	942.3	961.2	970.6	980.0
30°	11571.6	8273.5	2129.6	1159.0	951.7	895.2	876.4	885.8	904.6	923.5	923.5
32.5°	12042.8	8367.8	2195.6	1281.5	942.3	838.7	819.8	819.8	838.7	848.1	848.1
35°	12438.6	8546.8	2421.8	1451.2	980.0	791.5	753.9	744.4	763.3	753.9	763.3
37.5°	12759.0	8791.8	2836.4	1677.3	1055.4	735.0	687.9	659.6	659.6	659.6	659.6
40°	12853.2	9036.8	3364.1	1828.1	1046.0	669.0	603.1	574.8	565.4	556.0	556.0
42.5°	12721.3	9149.9	3788.1	1818.7	932.9	621.9	537.1	499.4	471.2	461.7	461.7
45°	12617.6	9206.4	3938.9	1583.1	848.1	565.4	480.6	433.5	405.2	395.8	386.3
47.5°	12627.0	9263.0	3712.7	1291.0	772.7	518.3	433.5	386.3	358.1	348.7	339.2
50°	12664.7	9168.7	3147.3	1074.2	706.7	471.2	386.3	348.7	320.4	311.0	301.5
52.5°	12269.0	8669.3	2214.4	942.3	650.2	442.9	348.7	320.4	292.1	282.7	282.7
55°	11232.4	7472.6	1498.3	838.7	603.1	405.2	320.4	301.5	273.3	254.4	254.4
57.5°	9573.9	5635.0	1036.5	763.3	527.7	367.5	301.5	273.3	245.0	226.2	226.2
60°	7321.8	3675.0	753.9	697.3	433.5	339.2	282.7	263.8	226.2	207.3	197.9
62.5°	*4457.2*	*2063.7*	*612.5*	*612.5*	*367.5*	*320.4*	*254.4*	*235.6*	*197.9*	*169.6*	*160.2*
65°	2581.9	1215.6	499.4	518.3	320.4	292.1	226.2	197.9	160.2	131.9	122.5
67.5°	1243.9	706.7	395.8	367.5	282.7	245.0	197.9	169.6	141.3	113.1	103.7
70°	763.3	546.5	301.5	263.8	226.2	188.5	160.2	150.8	122.5	94.2	94.2
72.5°	621.9	442.9	235.6	188.5	169.6	131.9	131.9	122.5	94.2	75.4	66.0
75°	490.0	329.8	179.0	131.9	103.7	103.7	94.2	84.8	75.4	56.5	56.5
77.5°	263.8	226.2	131.9	75.4	56.5	66.0	66.0	56.5	47.1	37.7	37.7
80°	169.6	131.9	75.4	37.7	37.7	37.7	37.7	28.3	28.3	18.8	18.8
82.5°	84.8	66.0	37.7	9.4	18.8	18.8	18.8	18.8	18.8	9.4	9.4
85°	18.8	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
87.5°	0.0	0.0	0.0	0.0	0.0	9.4	9.4	9.4	9.4	9.4	9.4
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

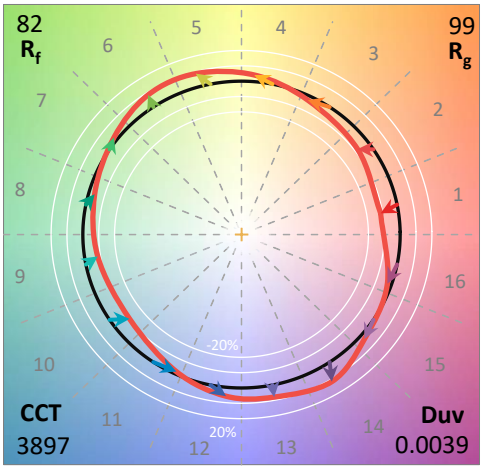
Test Information

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

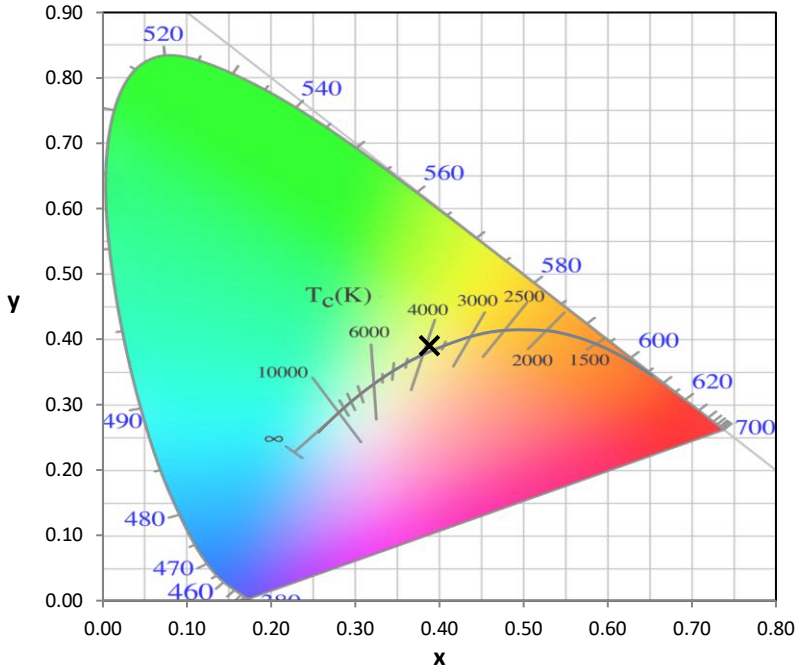
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

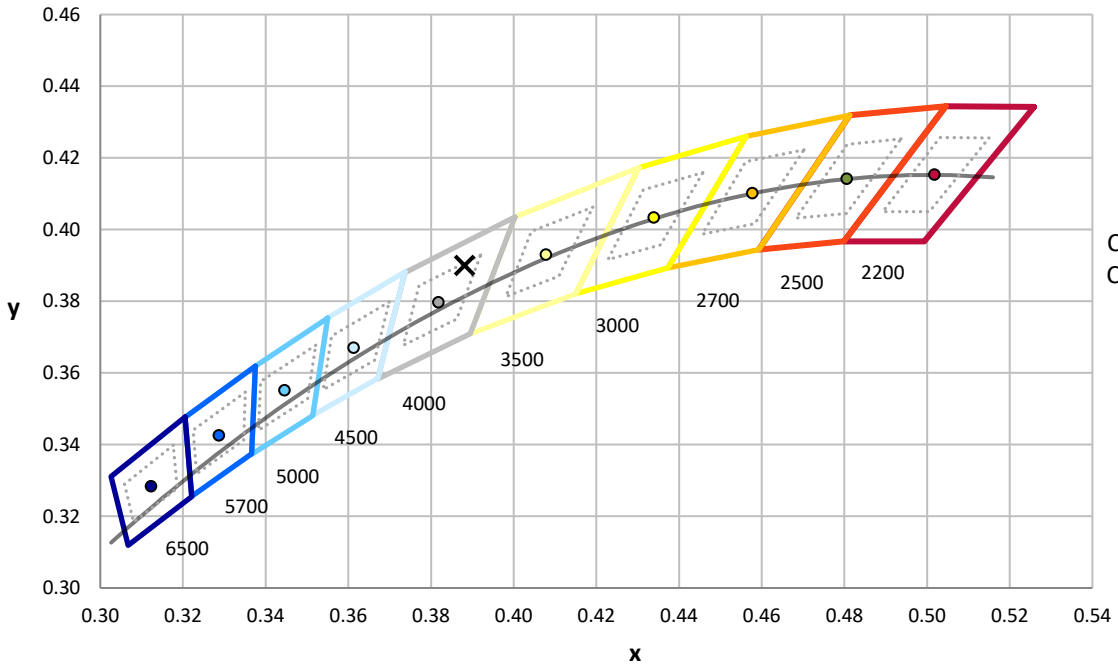
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

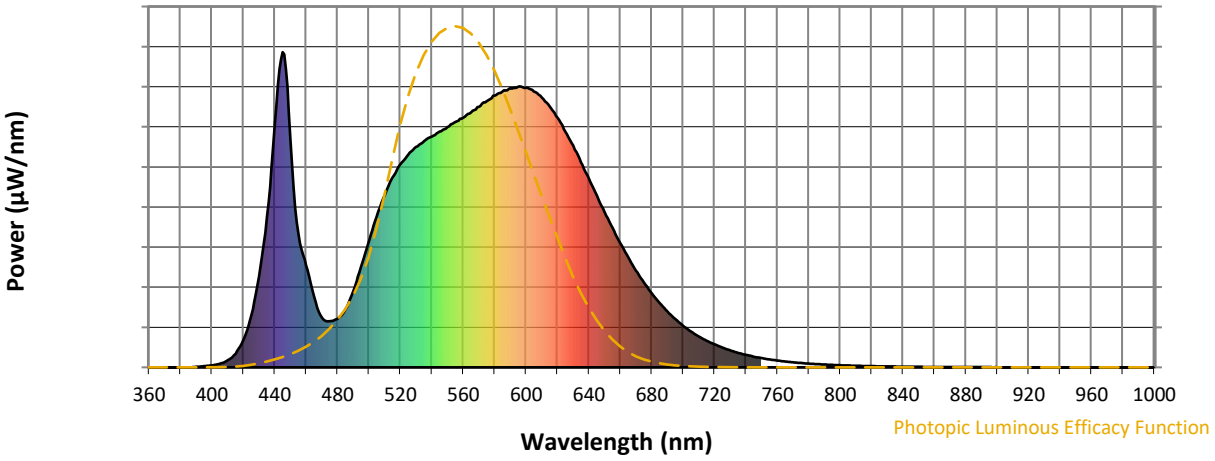


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

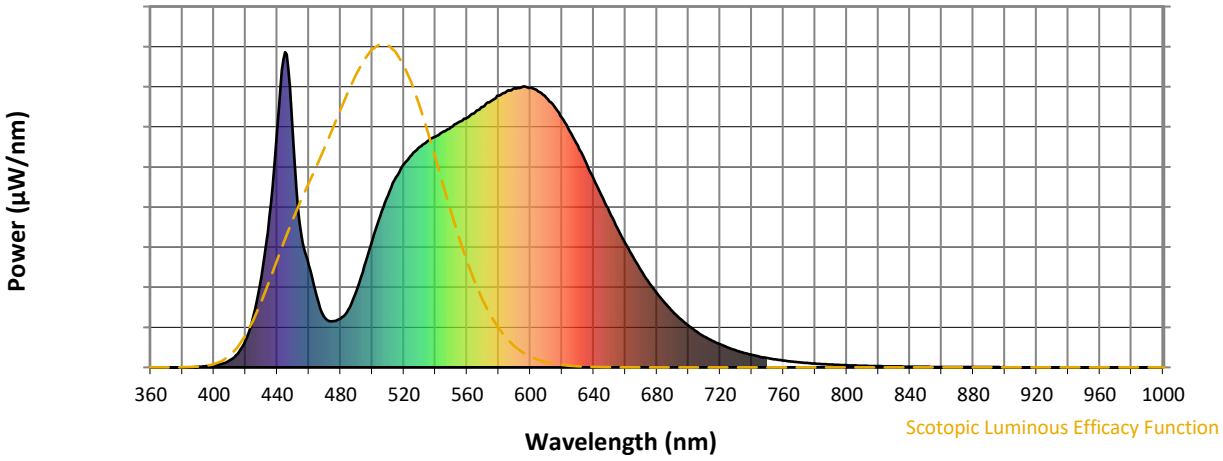


Photopic Lumens: NR

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

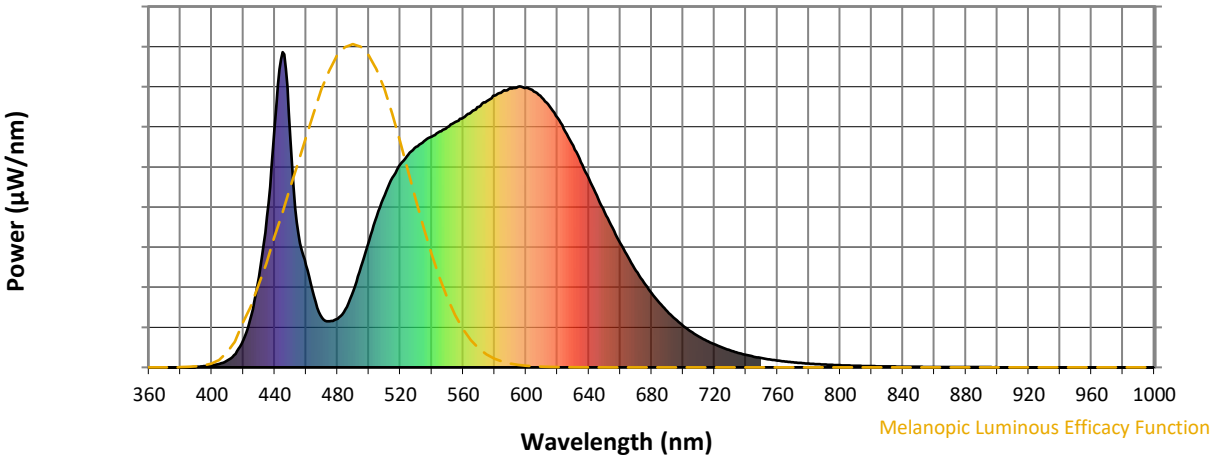


Scotopic Lumens: NR **S/P: 1.57**

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			

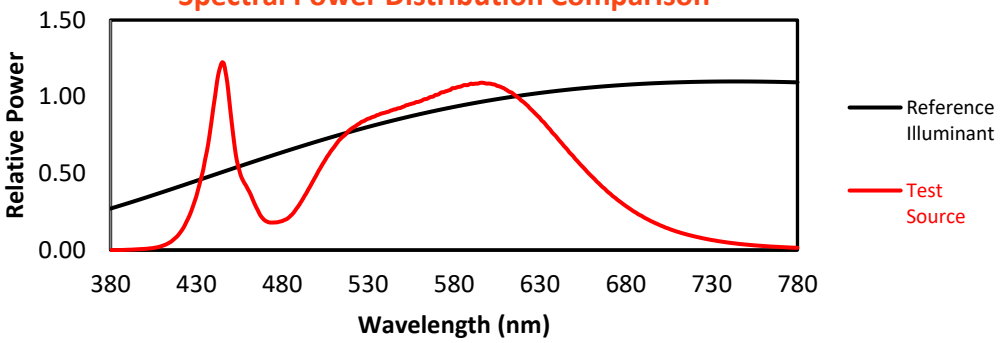
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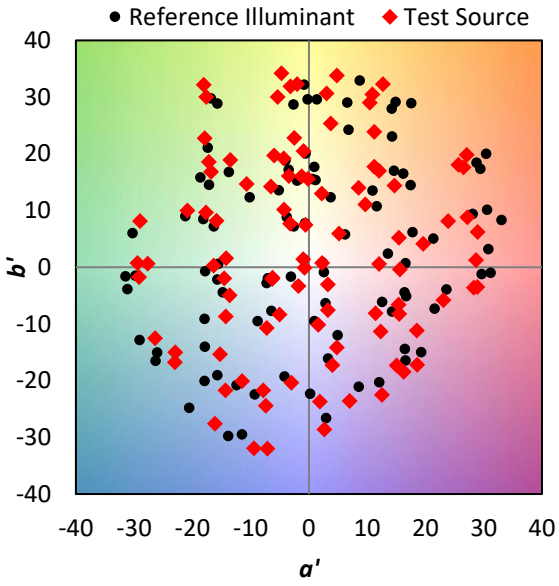
Summary

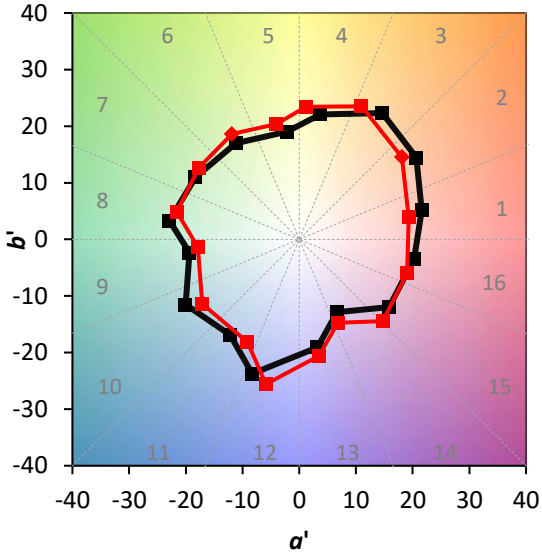
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

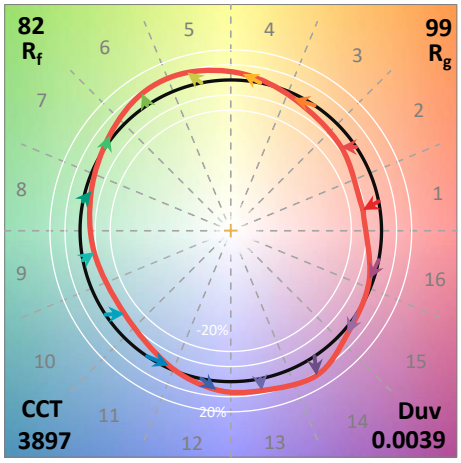
Spectral Power Distribution Comparison

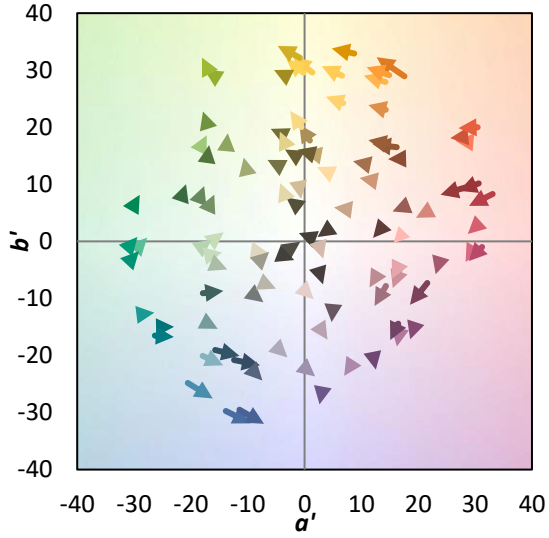


Color Vector Graphics







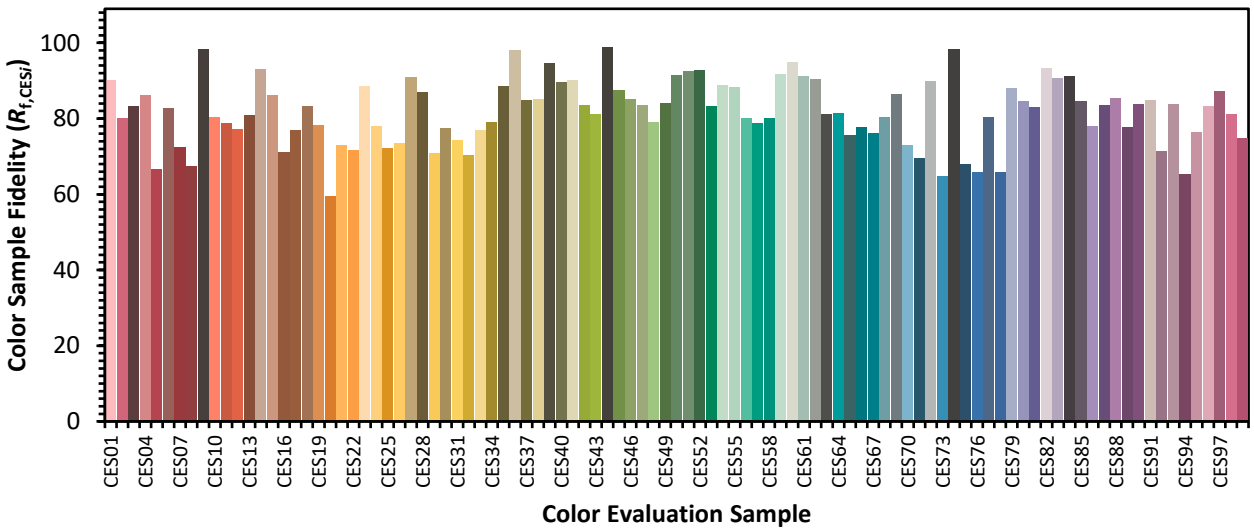


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Individual Sample Fidelity Index ($R_{f,i}$)

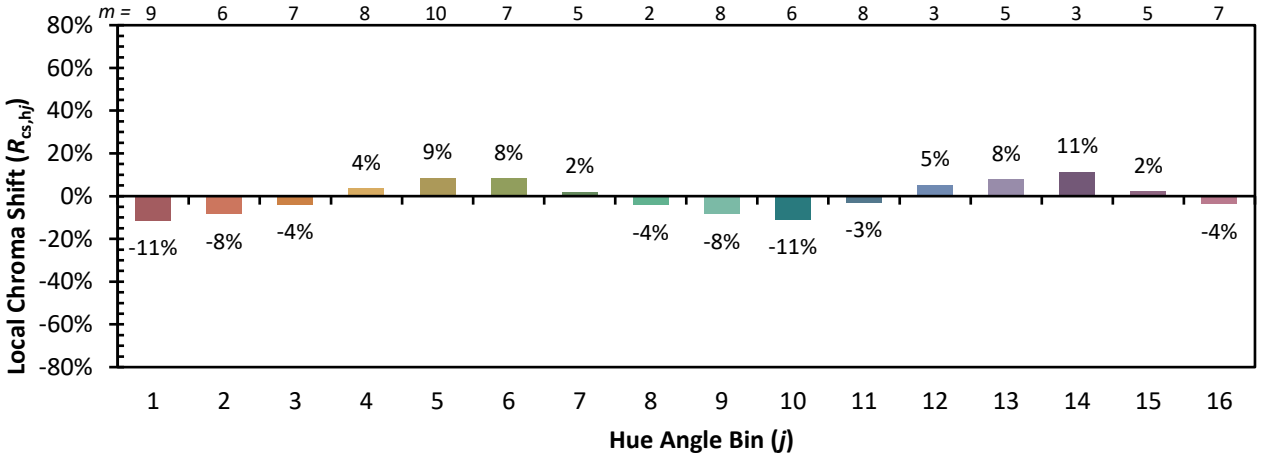
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

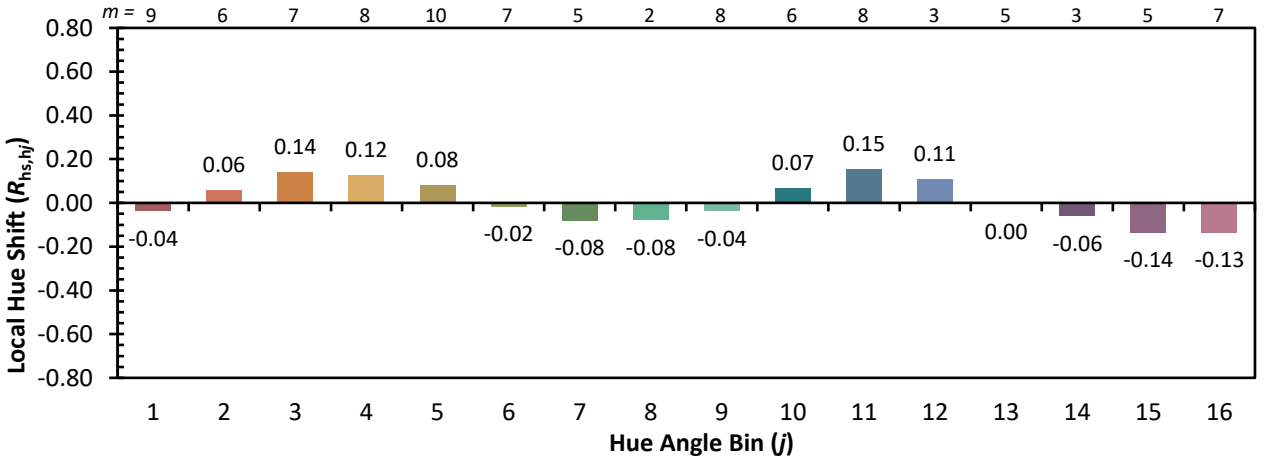


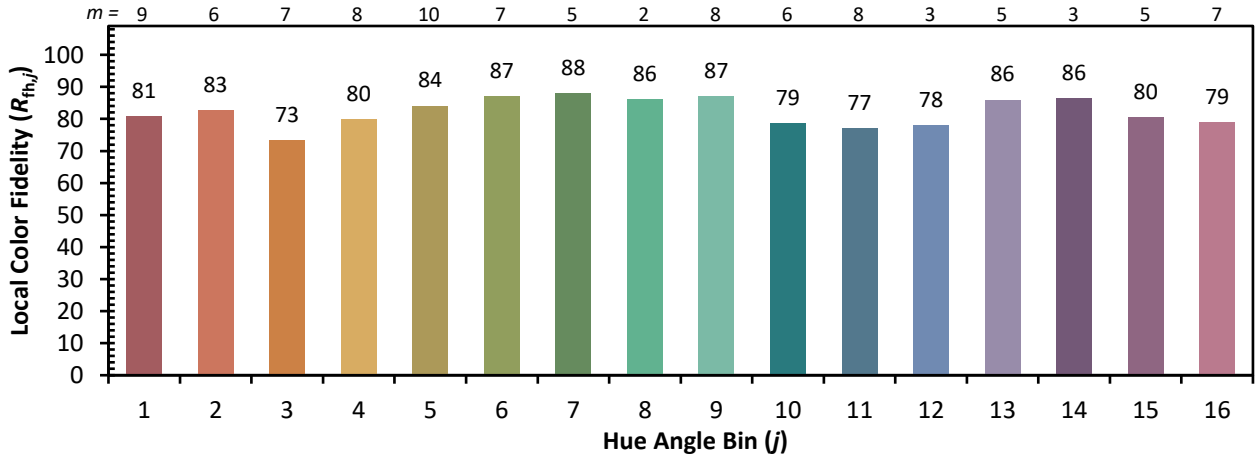
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Color Rendition by Hue-Angle Bin



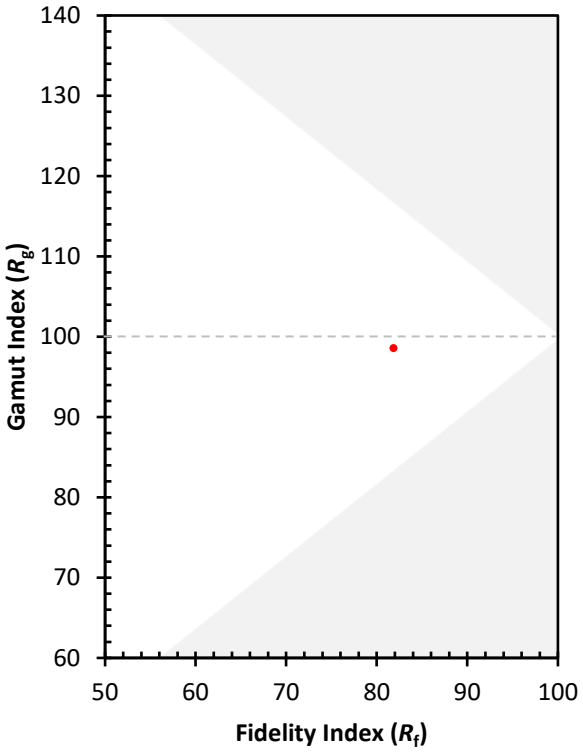


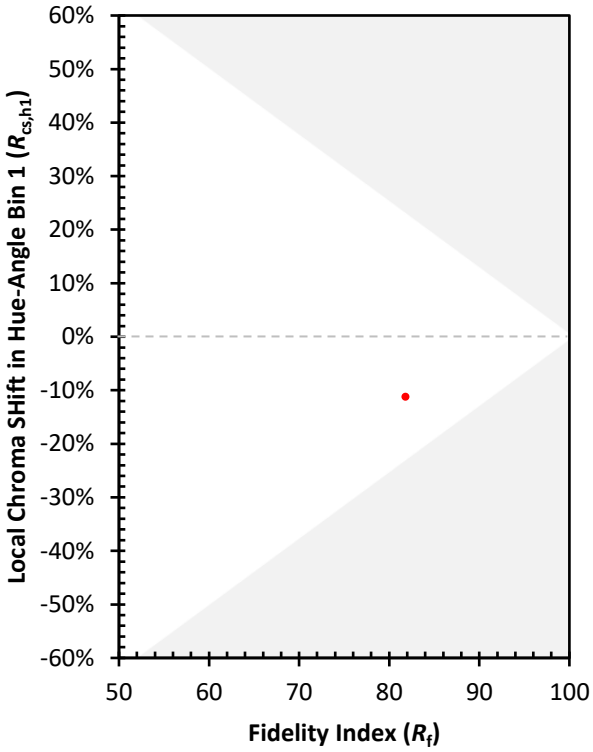


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Measure Comparisons





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