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: P1502337

Luminaire Tested: GSS-SB2A-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:	P1502337
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-840-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6657 lumens
Efficiency:	N/A
Efficacy:	114.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

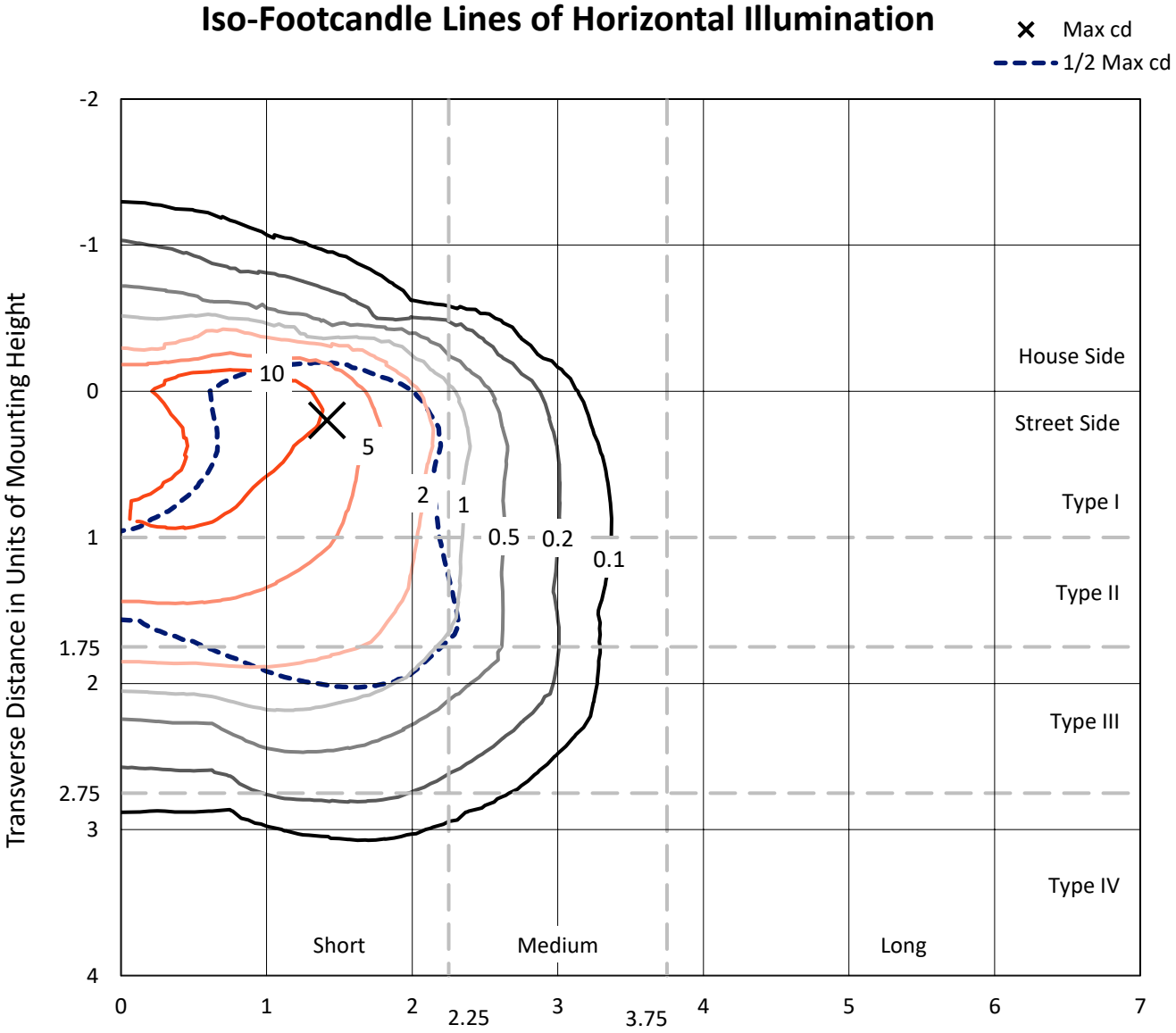
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502337
CATALOG NUMBER: GSS-SB2A-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



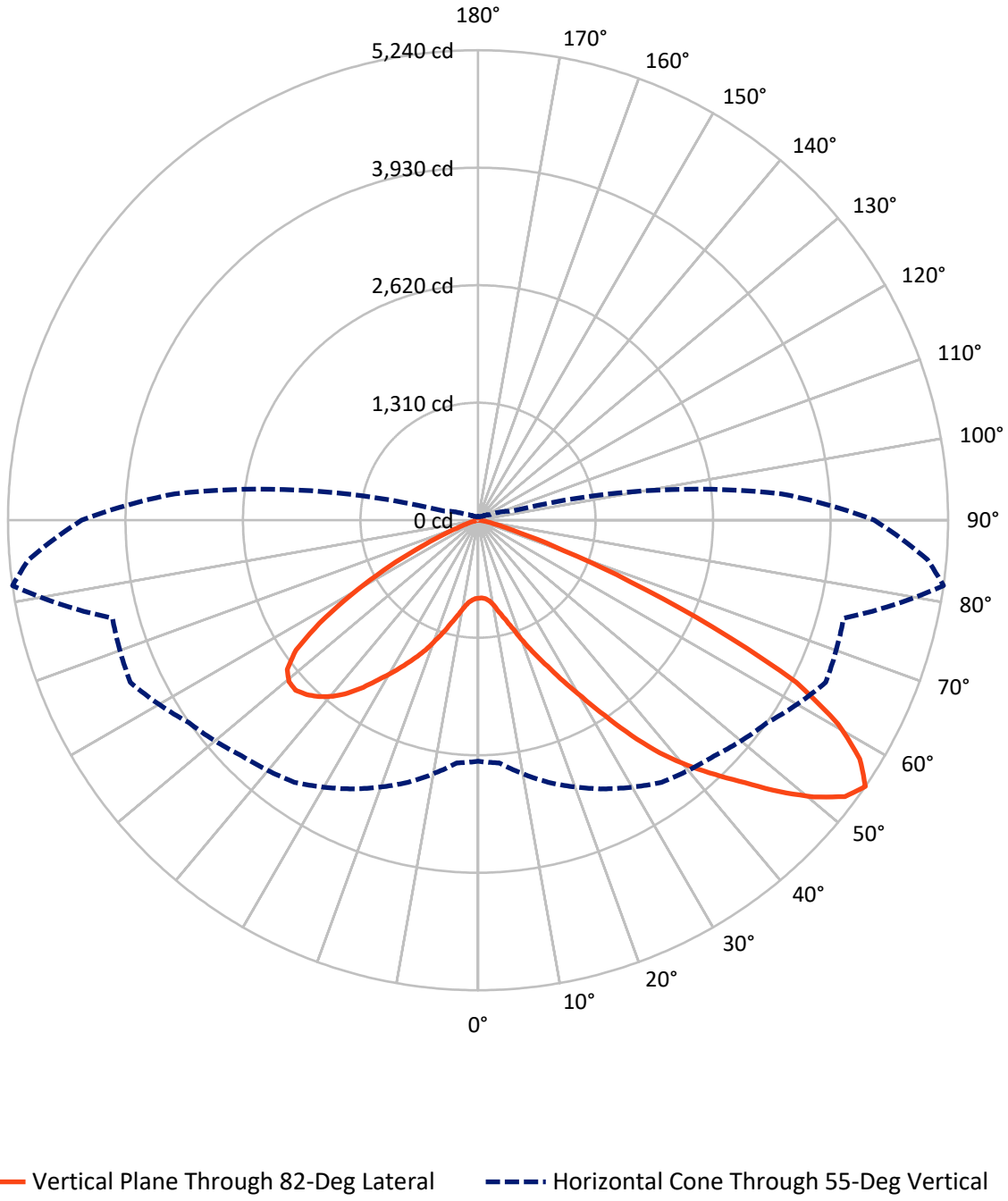
Based on 10 foot mounting height. Maximum calculated value = 16.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502337
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Luminous Intensity Polar Plot



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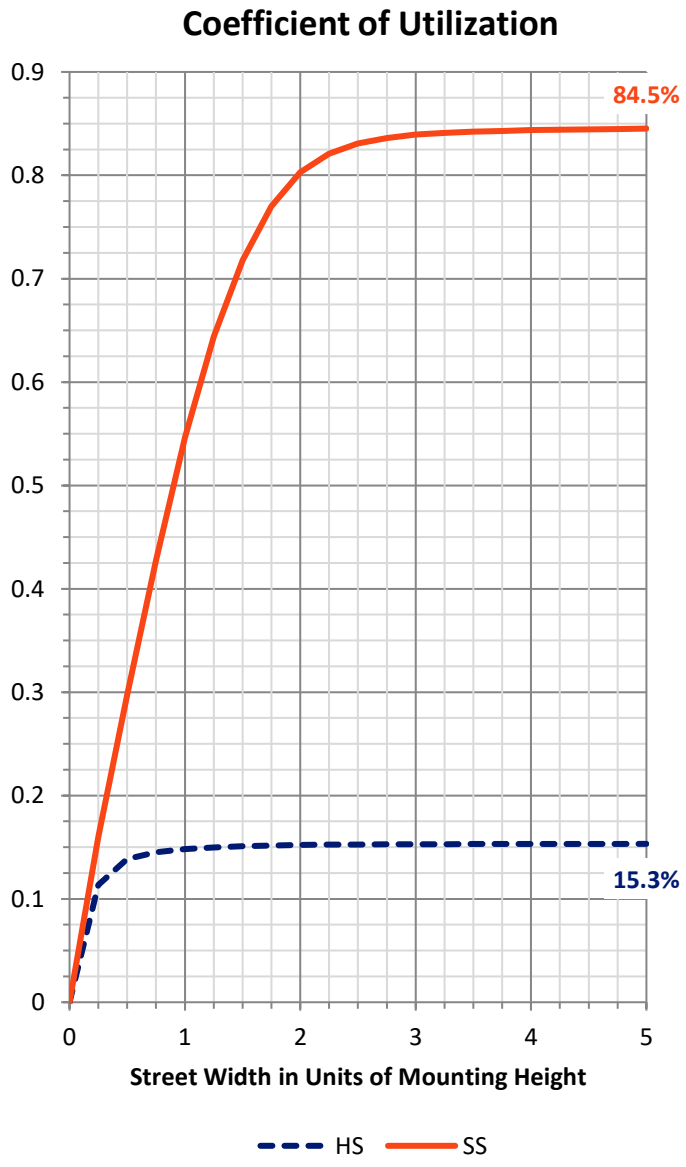
REPORT NUMBER: P1502337
CATALOG NUMBER: GSS-SB2A-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1028.9	0.0	1028.9
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	5628.0	0.0	5628.0
	% Fixture	84.5	0.0	84.5
Total	Lumens	6657.0	0.0	6657.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.8	1.2
10°-20°	213.3	3.2
20°-30°	426.3	6.4
30°-40°	882.8	13.3
40°-50°	1474.8	22.2
50°-60°	1870.5	28.1
60°-70°	1398.3	21.0
70°-80°	296.2	4.4
80°-90°	15.9	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°	6657.0	100.0
0°-180°	6657.0	100.0



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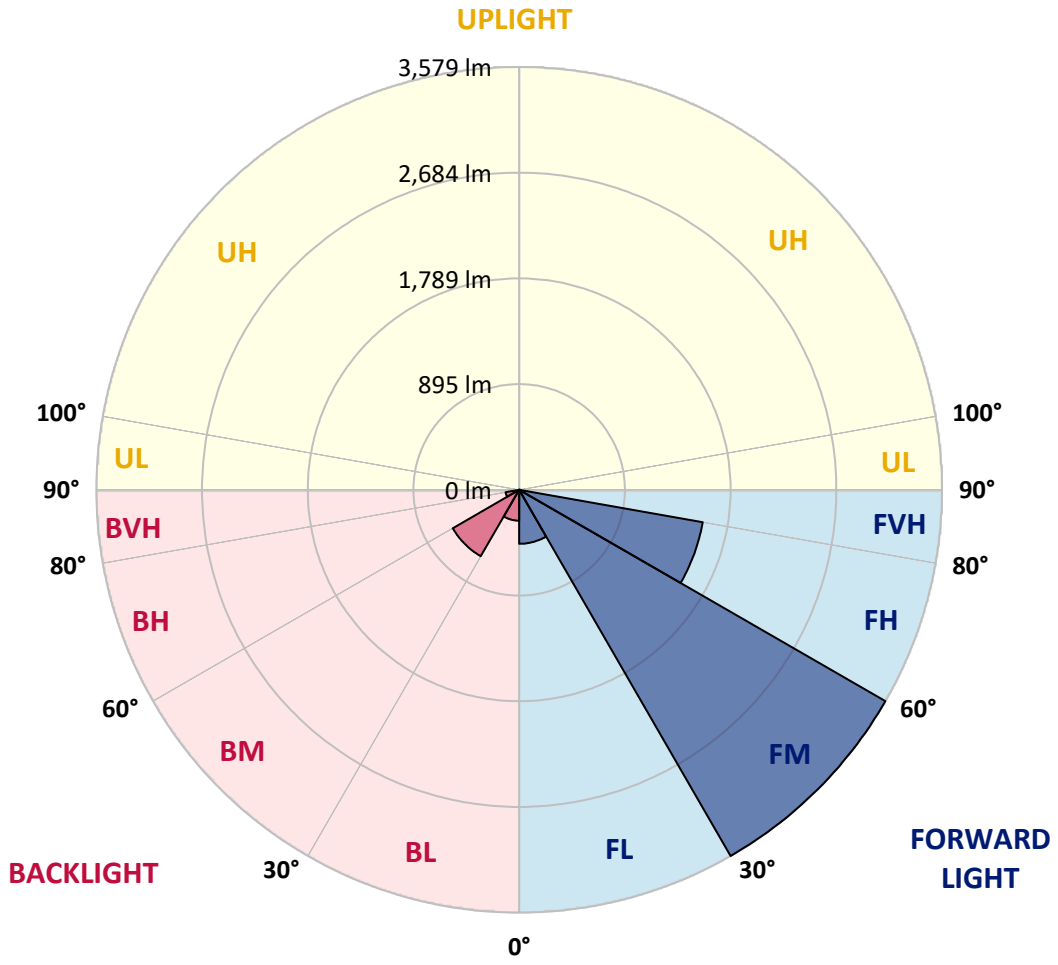
Scaled Data Report

REPORT NUMBER: P1502337
CATALOG NUMBER: GSS-SB2A-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°)	457.2	6.9			
FM	(30°-60°)	3578.9	53.8			
FH	(60°-80°)	1577.7	23.7			G1/1800
FVH	(80°-90°)	14.3	0.2			G1/100
BL	(0°-30°)	261.2	3.9	B1/500		
BM	(30°-60°)	649.2	9.8	B1/1000		
BH	(60°-80°)	116.8	1.8	B1/500		G1/500
BVH	(80°-90°)	1.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1502337
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	869.1	869.1	869.1	869.1	869.1	869.1	869.1	869.1	869.1	*869.1*	869.1
2.5°	845.6	847.4	843.8	845.6	849.2	847.4	854.6	860.0	865.5	*867.3*	869.1
5°	771.5	773.3	775.1	789.6	798.6	820.3	840.2	852.8	870.9	*879.9*	881.7
7.5°	683.0	683.0	690.2	708.3	731.7	773.3	818.5	854.6	888.9	*907.0*	910.6
10°	666.7	668.5	668.5	681.2	701.0	742.6	800.4	872.7	934.1	*961.2*	970.2
12.5°	670.3	672.1	673.9	686.6	706.5	742.6	816.7	910.6	1006.4	*1051.5*	1057.0
15°	679.4	683.0	688.4	704.6	726.3	773.3	851.0	964.8	1093.1	*1150.9*	1165.4
17.5°	706.5	708.3	717.3	735.4	769.7	816.7	901.6	1035.3	1214.2	*1277.4*	1304.5
20°	748.0	751.6	764.3	789.6	829.3	888.9	982.9	1127.4	1344.2	*1441.8*	1463.5
22.5°	800.4	800.4	818.5	858.2	914.2	981.1	1094.9	1250.3	1503.2	*1617.1*	1653.2
25°	887.1	885.3	899.8	944.9	1011.8	1109.4	1225.0	1396.6	1669.5	*1805.0*	1842.9
27.5°	1085.9	1080.5	1075.0	1076.8	1134.7	1259.3	1393.0	1580.9	1875.4	*2034.4*	2063.4
30°	1317.1	1324.4	1317.1	1299.1	1308.1	1423.7	1590.0	1806.8	2106.7	*2285.6*	2323.5
32.5°	1519.5	1523.1	1553.8	1573.7	1580.9	1635.1	1817.6	2079.6	2401.2	*2596.4*	2645.1
35°	1739.9	1745.4	1779.7	1821.2	1886.3	1935.1	2103.1	2395.8	2701.1	*2946.9*	2983.0
37.5°	1996.5	2005.5	2050.7	2110.3	2200.7	2312.7	2403.0	2683.1	3006.5	*3290.2*	3328.1
40°	2222.3	2251.3	2328.9	2404.8	2500.6	2627.1	2686.7	2934.2	3232.3	*3593.7*	3656.9
42.5°	2435.5	2451.8	2576.5	2693.9	2807.7	2910.7	2968.6	3131.2	3432.9	*3875.6*	3946.0
45°	2612.6	2625.3	2764.4	2919.8	3060.7	3163.7	3172.7	3322.7	3631.6	*4173.7*	4227.9
47.5°	2721.0	2740.9	2919.8	3096.8	3252.2	3348.0	3333.5	3566.6	3848.5	*4520.6*	4527.8
50°	2786.1	2798.7	2981.2	3210.7	3402.2	3469.0	3499.7	3799.7	4045.4	*4849.4*	4806.1
52.5°	2833.0	2852.9	3031.8	3275.7	3490.7	3581.1	3691.3	4061.7	4200.8	*5118.6*	5003.0
55°	*2686.7*	*2715.6*	*3024.6*	*3304.6*	*3566.6*	*3718.4*	*3935.2*	*4276.7*	*4218.8*	*5239.7*	*5028.3*
57.5°	2522.3	2527.7	2833.0	3295.6	3651.5	3862.9	4159.2	4292.9	4050.8	*5019.3*	4771.7
60°	2280.2	2312.7	2625.3	3178.1	3666.0	3978.5	4311.0	4096.0	3743.7	*4610.9*	4238.7
62.5°	1600.8	1651.4	2059.7	2869.2	3563.0	4041.8	4285.7	3752.7	3358.8	*3980.4*	3563.0
65°	896.2	939.5	1273.8	2314.5	3279.3	4027.3	4025.5	3293.8	2740.9	*2876.4*	2547.6
67.5°	491.4	525.8	661.3	1741.7	2601.8	3718.4	3478.1	2513.2	1837.5	*1826.7*	1590.0
70°	343.3	345.1	417.4	1176.2	1870.0	2594.5	2719.2	1685.7	1140.1	*1008.2*	851.0
72.5°	168.0	169.8	207.8	554.7	1143.7	1438.2	1864.6	876.3	639.6	*500.5*	426.4
75°	84.9	83.1	113.8	207.8	473.4	701.0	822.1	439.0	372.2	*274.6*	243.9
77.5°	54.2	56.0	66.9	113.8	213.2	272.8	253.0	238.5	218.6	*160.8*	139.1
80°	36.1	36.1	45.2	72.3	104.8	130.1	77.7	110.2	128.3	*94.0*	81.3
82.5°	10.8	10.8	27.1	39.7	50.6	52.4	34.3	50.6	72.3	*52.4*	39.7
85°	7.2	7.2	14.5	19.9	21.7	18.1	10.8	21.7	34.3	*23.5*	19.9
87.5°	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	*1.8*	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: P1502337
CATALOG NUMBER: GSS-SB2A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	869.1	869.1	869.1	869.1	869.1	869.1	869.1	869.1	869.1	869.1	869.1
2.5°	870.9	872.7	878.1	879.9	883.5	885.3	885.3	885.3	883.5	885.3	888.9
5°	885.3	894.4	901.6	899.8	899.8	890.7	883.5	869.1	861.8	860.0	861.8
7.5°	921.5	928.7	935.9	925.1	898.0	856.4	811.2	775.1	744.4	729.9	735.4
10°	986.5	995.5	995.5	944.9	869.1	771.5	690.2	623.3	572.8	545.6	558.3
12.5°	1080.5	1087.7	1069.6	963.0	818.5	657.7	522.2	410.1	345.1	312.6	305.3
15°	1188.9	1199.7	1138.3	959.4	739.0	491.4	325.2	243.9	220.4	213.2	215.0
17.5°	1328.0	1333.4	1214.2	930.5	601.7	321.6	231.3	207.8	202.4	198.7	198.7
20°	1499.6	1483.4	1275.6	881.7	439.0	253.0	213.2	195.1	189.7	187.9	189.7
22.5°	1683.9	1658.6	1326.2	789.6	332.4	238.5	204.2	184.3	177.1	175.3	175.3
25°	1877.3	1819.4	1365.9	654.1	310.8	234.9	193.3	168.0	160.8	157.2	157.2
27.5°	2097.7	1998.3	1387.6	547.5	316.2	229.5	180.7	153.6	142.7	139.1	139.1
30°	2341.6	2197.1	1389.4	525.8	327.0	222.2	168.0	137.3	126.5	121.1	122.9
32.5°	2637.9	2399.4	1384.0	560.1	334.3	216.8	153.6	121.1	112.0	106.6	106.6
35°	2945.1	2645.1	1362.3	625.1	337.9	200.6	135.5	106.6	95.8	94.0	95.8
37.5°	3250.4	2878.2	1331.6	661.3	319.8	164.4	110.2	92.1	84.9	84.9	84.9
40°	3528.7	3080.6	1290.0	630.6	254.8	119.2	90.3	79.5	75.9	74.1	75.9
42.5°	3736.4	3261.3	1214.2	531.2	180.7	95.8	79.5	70.5	66.9	66.9	68.7
45°	3964.1	3434.7	1067.8	390.3	137.3	83.1	68.7	61.4	59.6	59.6	61.4
47.5°	4193.6	3573.8	926.9	260.2	119.2	74.1	61.4	56.0	54.2	52.4	54.2
50°	4368.8	3640.7	742.6	189.7	108.4	66.9	56.0	52.4	48.8	47.0	47.0
52.5°	4493.5	3622.6	543.8	162.6	99.4	61.4	52.4	48.8	43.4	43.4	43.4
55°	*4417.6*	*3391.3*	*392.1*	*146.3*	*92.1*	*57.8*	*50.6*	*45.2*	*41.6*	*39.7*	*39.7*
57.5°	4049.0	2890.9	283.7	131.9	81.3	54.2	48.8	43.4	37.9	36.1	36.1
60°	3519.6	2251.3	211.4	115.6	70.5	52.4	43.4	41.6	36.1	32.5	32.5
62.5°	2876.4	1638.8	164.4	99.4	63.2	45.2	41.6	37.9	32.5	28.9	27.1
65°	1996.5	1046.1	126.5	81.3	59.6	39.7	37.9	32.5	27.1	21.7	21.7
67.5°	1232.2	621.5	97.6	63.2	47.0	34.3	32.5	28.9	23.5	18.1	18.1
70°	681.2	328.8	66.9	47.0	36.1	27.1	25.3	25.3	19.9	16.3	14.5
72.5°	327.0	178.9	45.2	39.7	27.1	18.1	19.9	19.9	16.3	12.6	12.6
75°	196.9	106.6	30.7	30.7	18.1	14.5	14.5	16.3	12.6	9.0	9.0
77.5°	112.0	63.2	18.1	23.5	12.6	9.0	10.8	9.0	7.2	5.4	5.4
80°	63.2	36.1	10.8	16.3	7.2	5.4	5.4	3.6	3.6	1.8	1.8
82.5°	30.7	19.9	5.4	5.4	3.6	1.8	1.8	1.8	1.8	0.0	0.0
85°	14.5	3.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	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

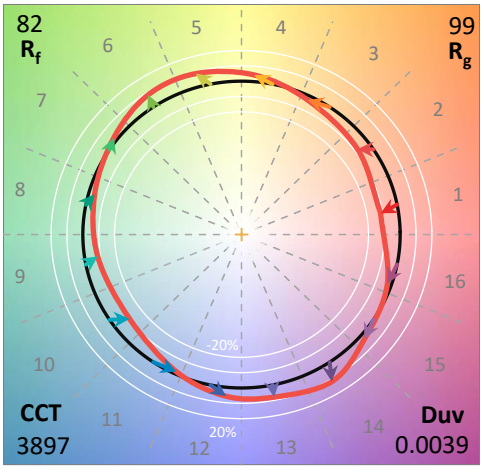
Test Information

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

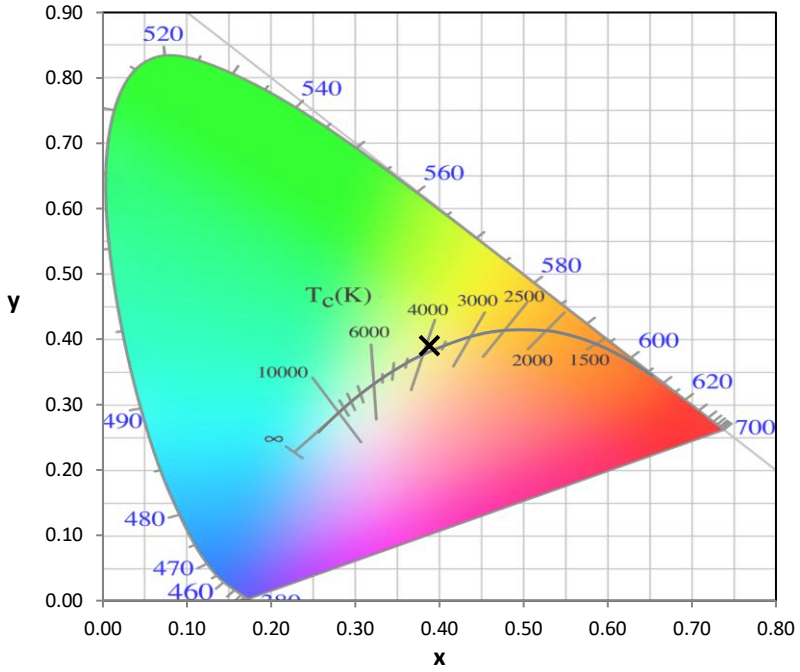
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

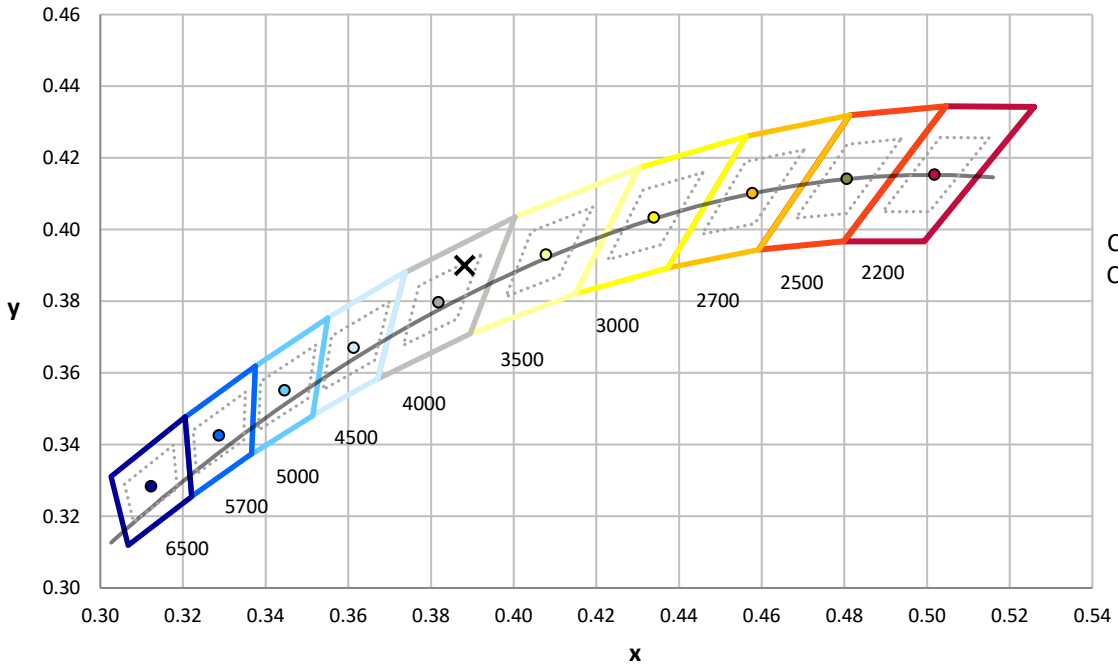
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

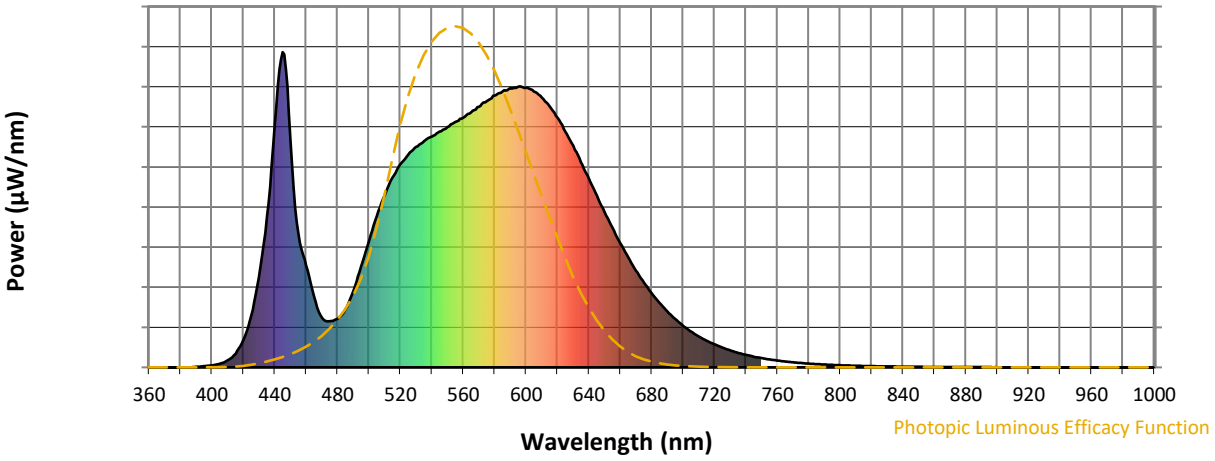


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

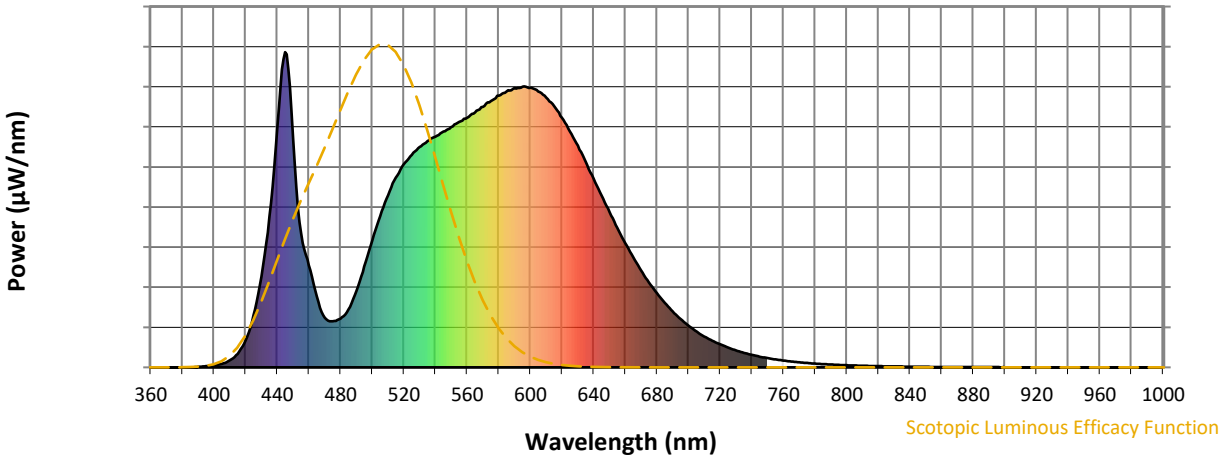


Photopic Lumens: NR

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

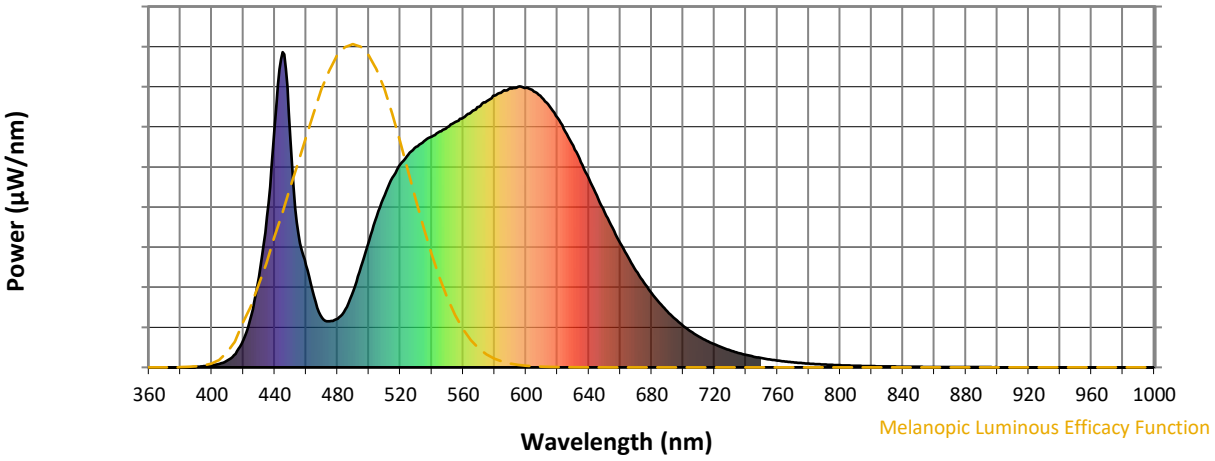


Scotopic Lumens: NR **S/P: 1.57**

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			

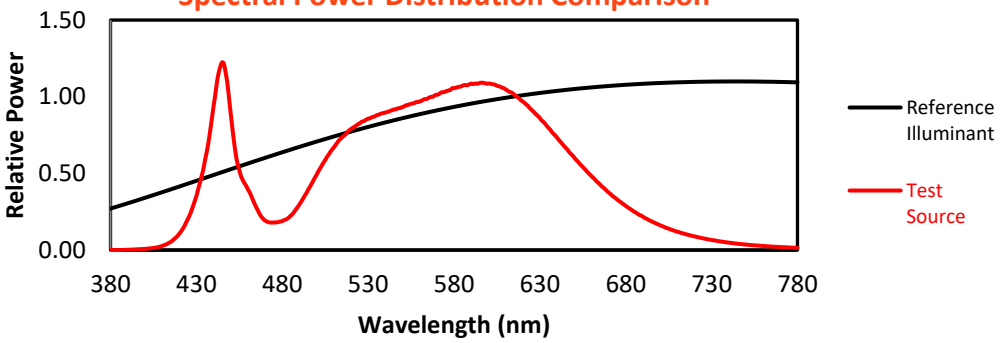
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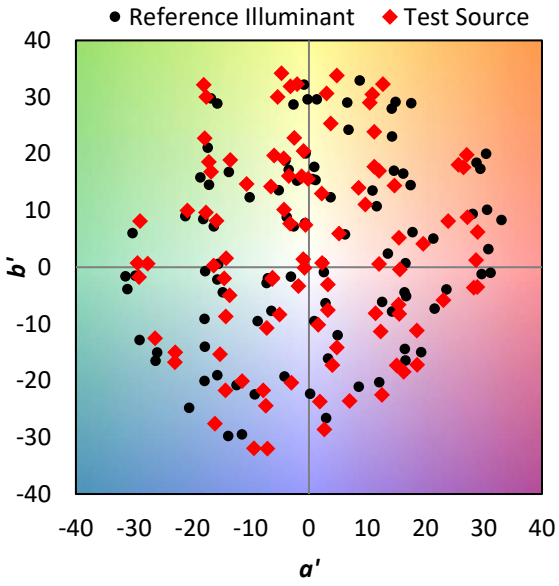
Summary

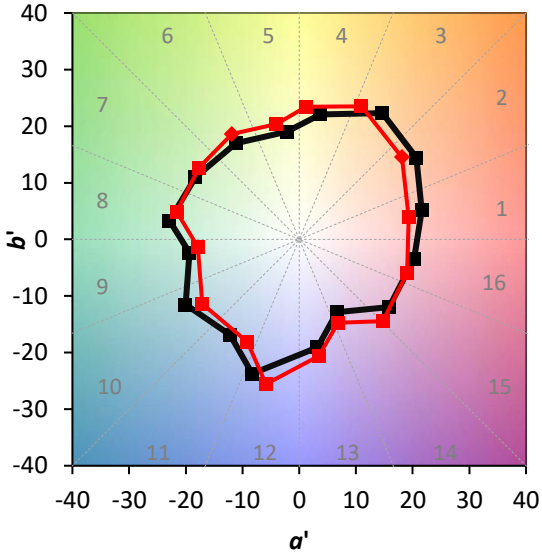
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

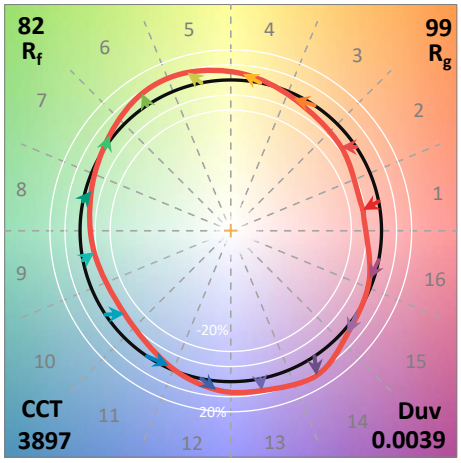
Spectral Power Distribution Comparison

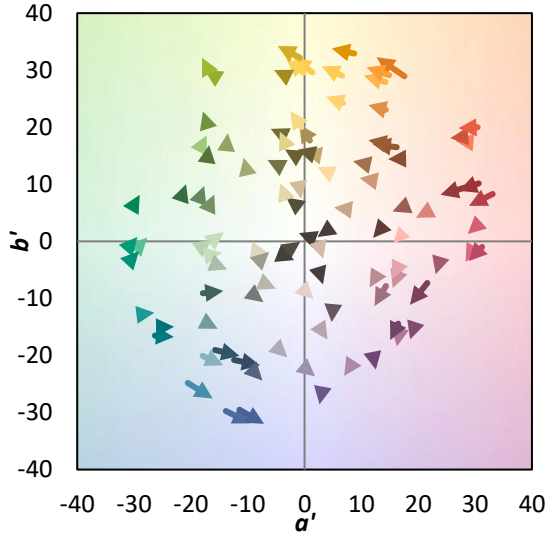


Color Vector Graphics







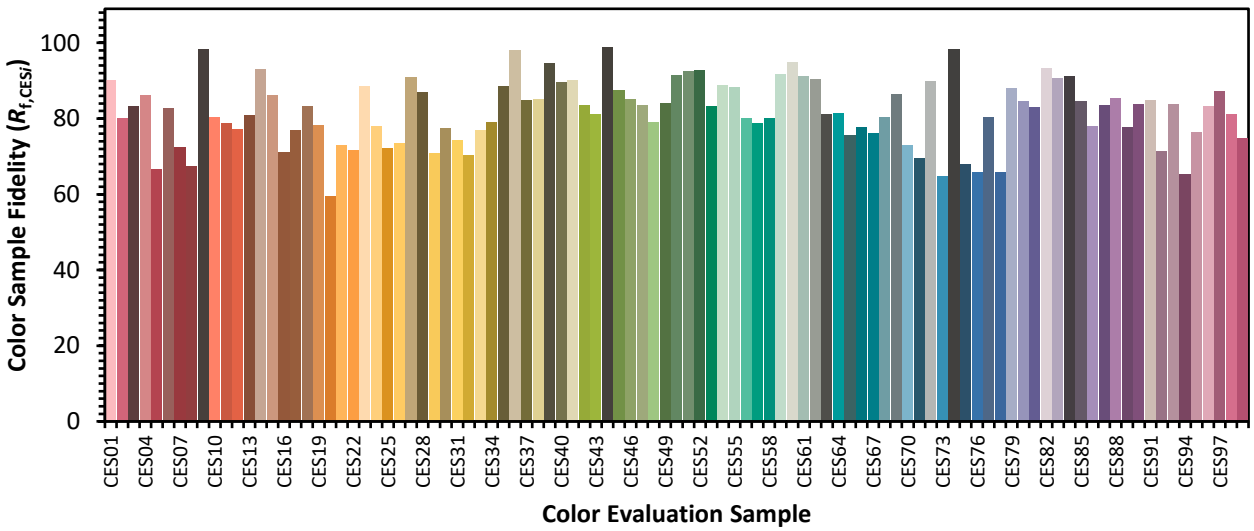


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Individual Sample Fidelity Index ($R_{f,i}$)

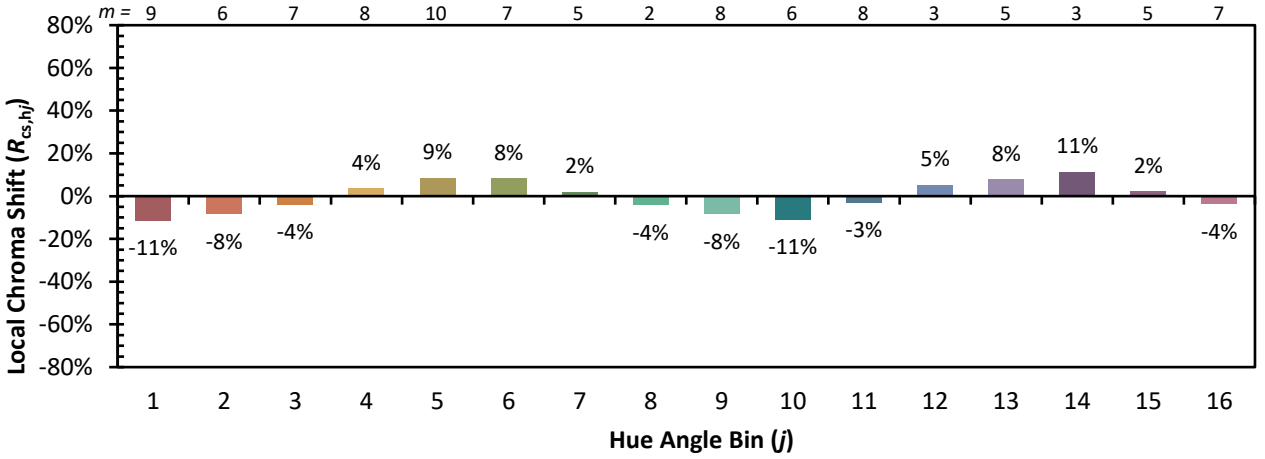
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CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57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

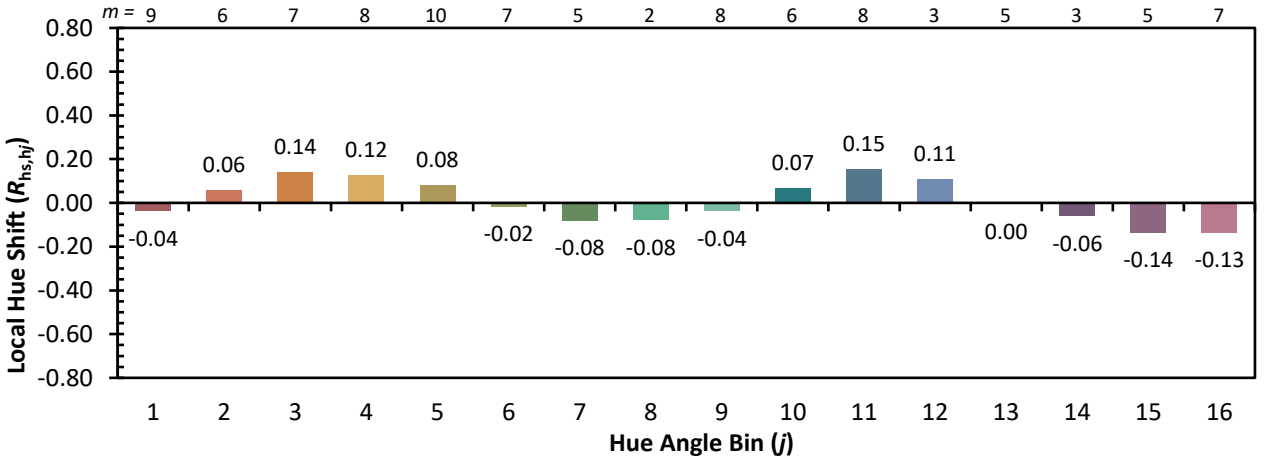


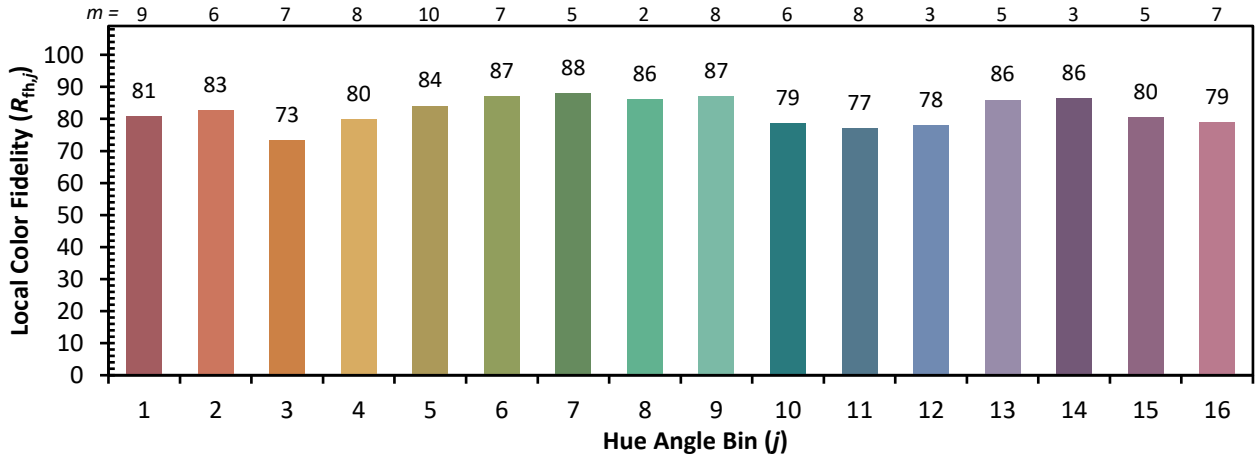
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Color Rendition by Hue-Angle Bin



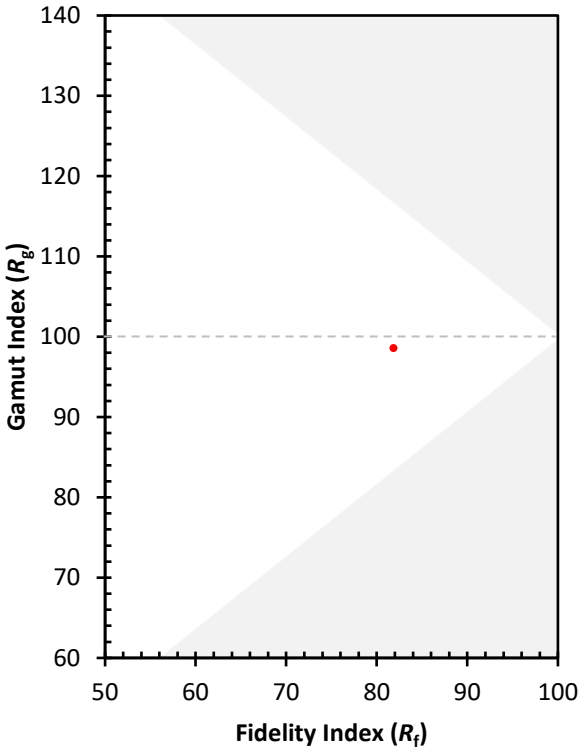


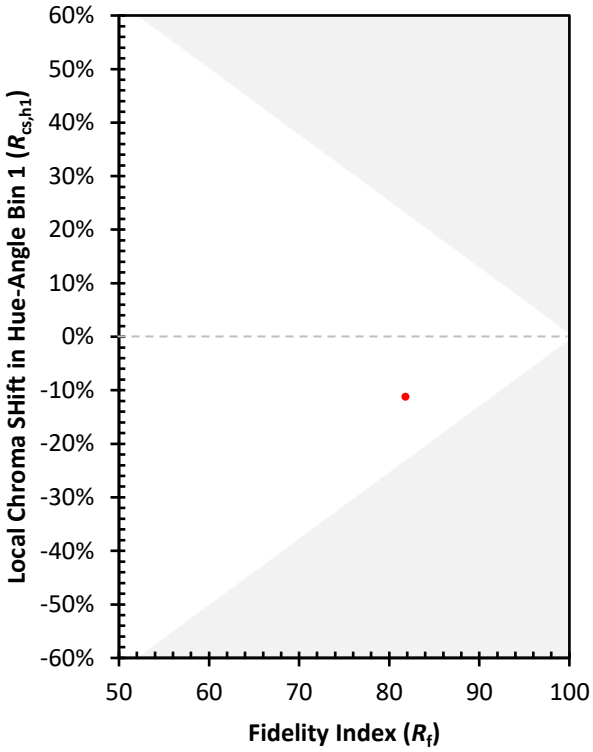


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Measure Comparisons





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