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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1048002

Luminaire Tested: **GALN-SA5B-840-U-T2BC**

Issue Date: 07/10/2025

Report Generated By 670347003

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1048002
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5B-840-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20246.2 lumens
Efficiency:	N/A
Efficacy:	113.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	178.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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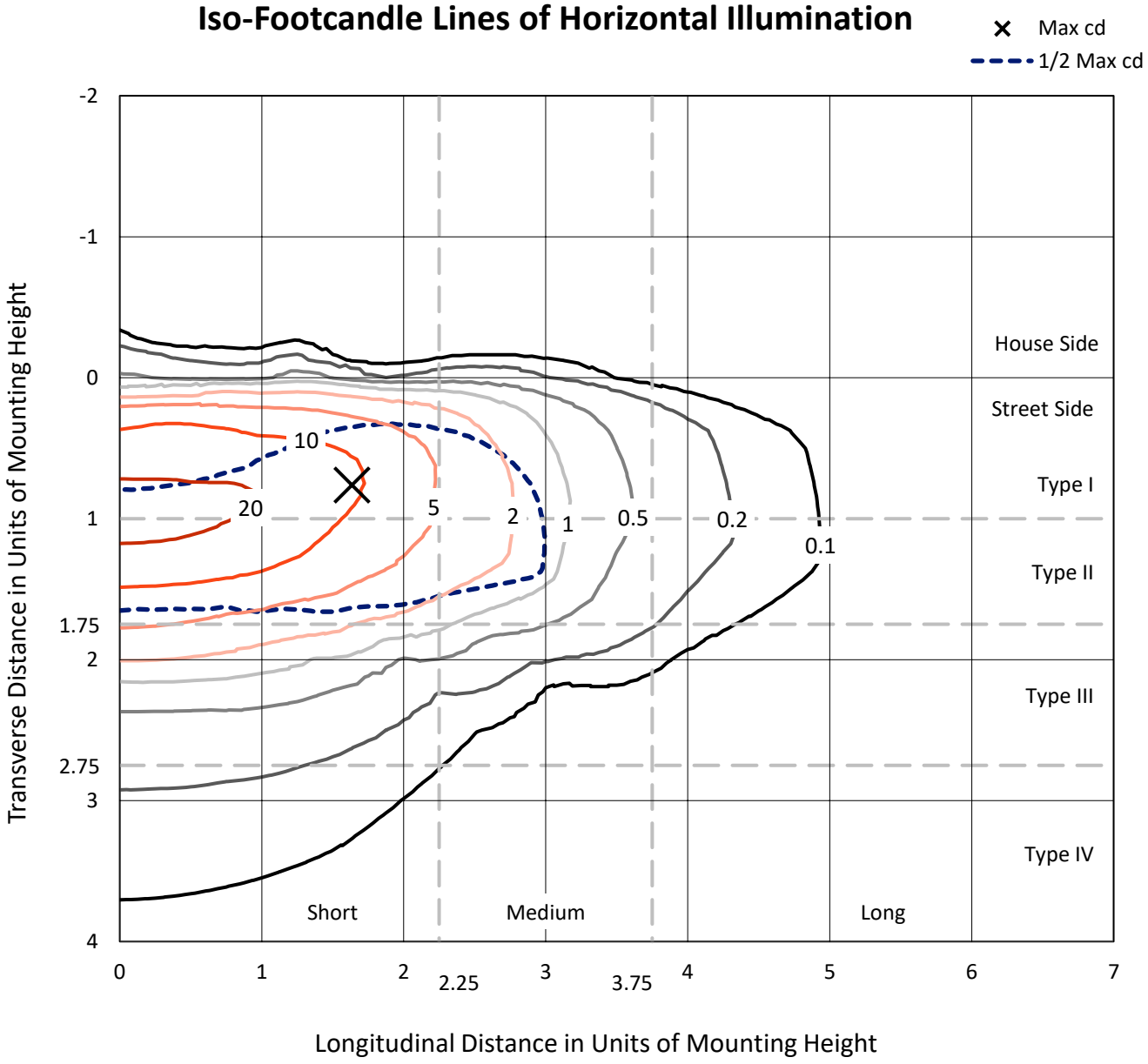
REPORT NUMBER: P1048002
CATALOG NUMBER: GALN-SA5B-840-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.8 fc
Type II - Short - N/A

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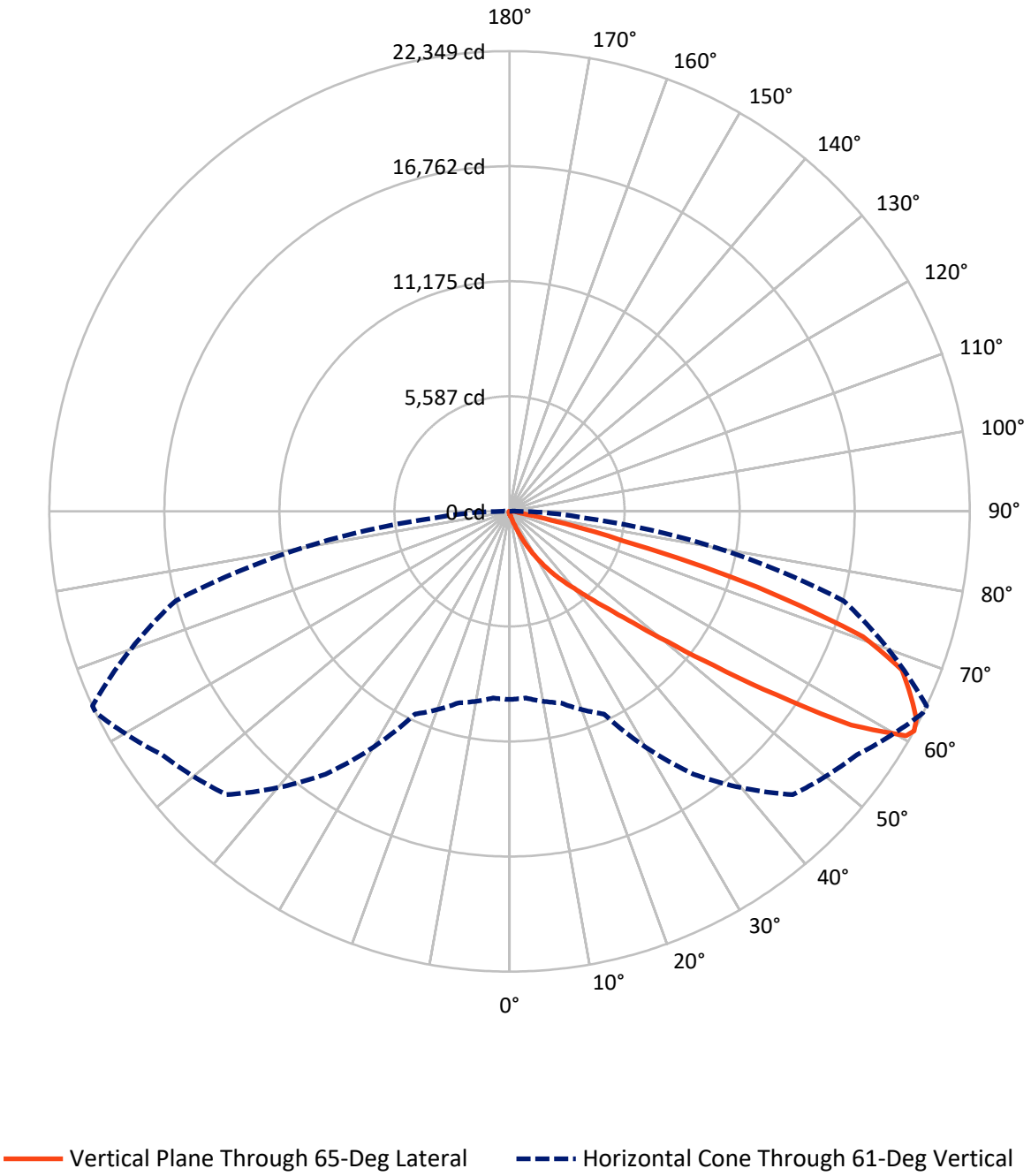
Luminous Intensity Polar Plot



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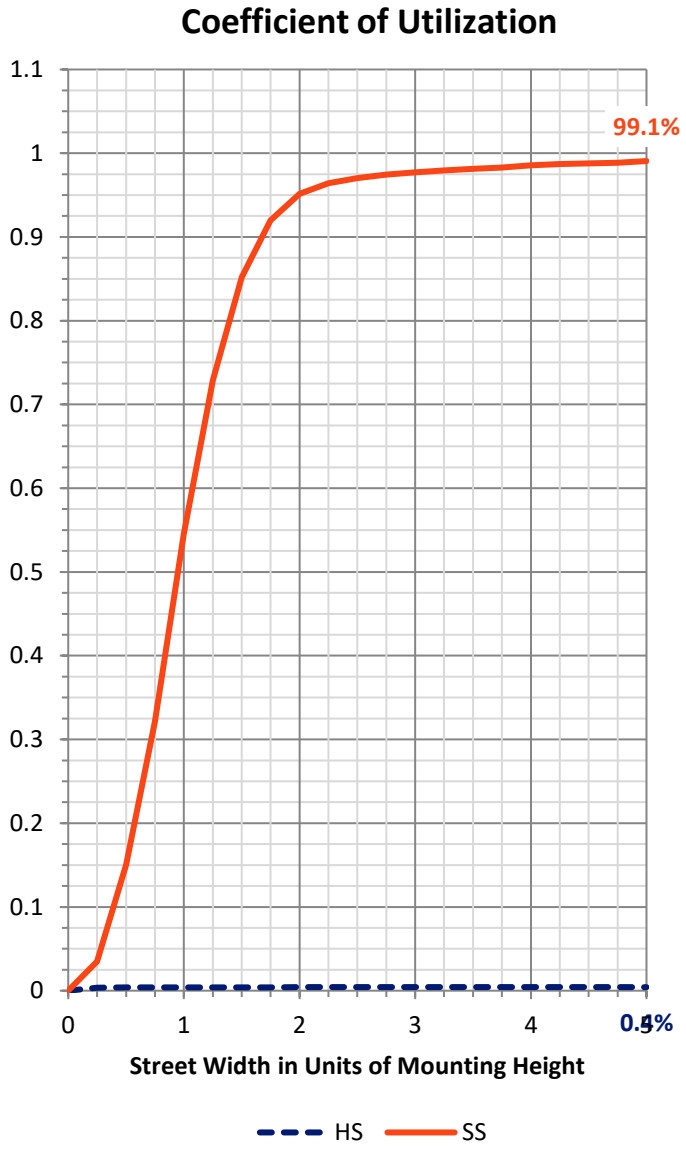
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	86.4	0.0	86.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20159.8	0.0	20159.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	20246.2	0.0	20246.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	0.1
10°-20°	166.5	0.8
20°-30°	597.5	3.0
30°-40°	1590.8	7.9
40°-50°	4178.9	20.6
50°-60°	6473.9	32.0
60°-70°	5428.3	26.8
70°-80°	1597.5	7.9
80°-90°	197.1	1.0
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°	20246.2	100.0
0°-180°	20246.2	100.0



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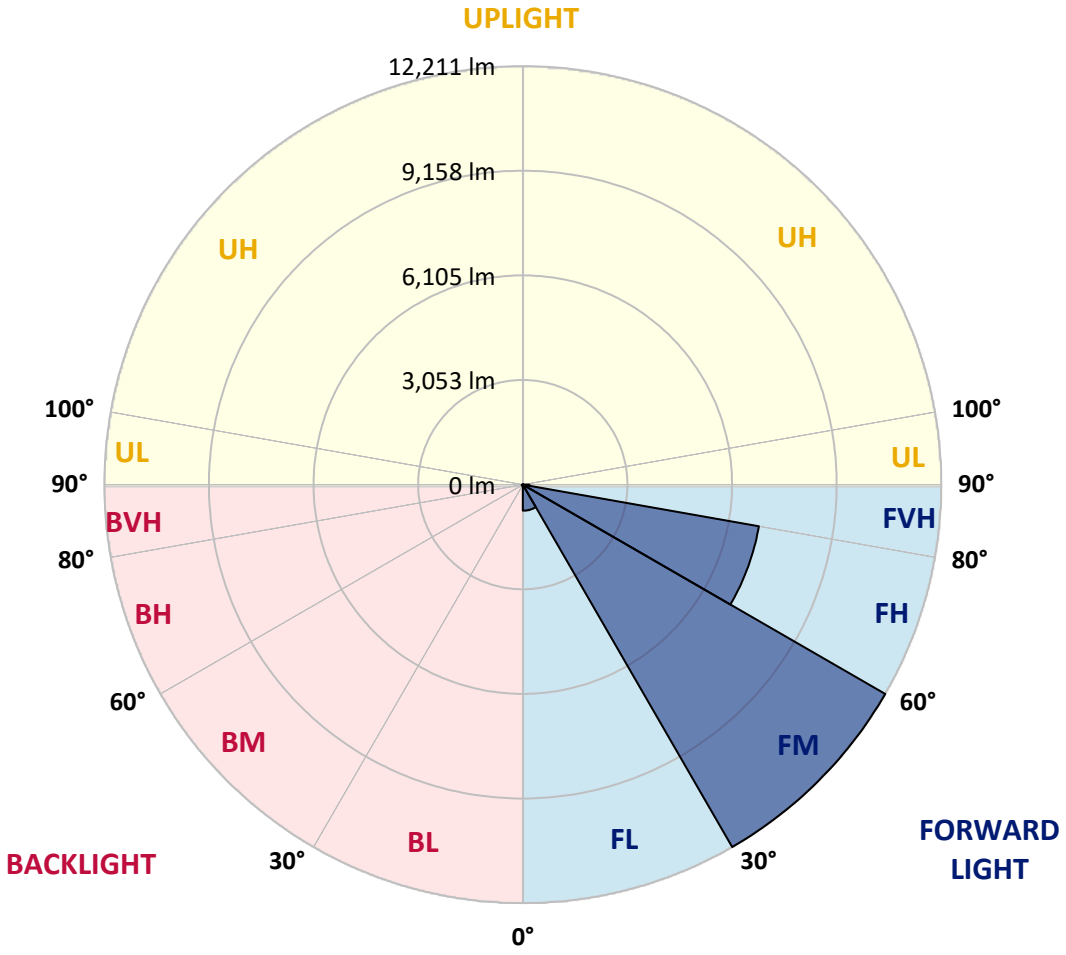
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	760.4	3.8			
FM	(30°-60°)	12210.7	60.3			
FH	(60°-80°)	6995.3	34.6			G3/7500
FVH	(80°-90°)	193.4	1.0			G2/225
BL	(0°-30°)	19.4	0.1	B0/110		
BM	(30°-60°)	32.9	0.2	B0/220		
BH	(60°-80°)	30.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3
Type II Short



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REPORT NUMBER: P1048002
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0
2.5°	150.4	151.8	149.0	143.5	139.3	139.3	137.9	133.7	133.7	129.5	126.7
5°	210.3	207.5	201.9	190.8	181.1	171.3	161.6	151.8	150.4	137.9	129.5
7.5°	344.0	346.8	328.7	293.9	264.6	227.0	192.2	171.3	168.5	147.6	130.9
10°	754.9	734.0	692.2	557.1	458.2	345.4	256.3	199.2	196.4	158.8	133.7
12.5°	1376.0	1359.3	1282.7	1143.4	888.6	618.4	374.6	246.5	238.2	168.5	135.1
15°	1983.2	1956.8	1915.0	1774.3	1476.3	1108.6	612.8	337.0	314.8	182.4	133.7
17.5°	2370.4	2374.6	2337.0	2277.1	2084.9	1640.6	1058.5	502.8	459.6	207.5	130.9
20°	2708.8	2699.1	2720.0	2688.0	2552.9	2229.7	1540.3	796.6	722.8	247.9	132.3
22.5°	3098.8	3122.5	3137.8	3130.8	2981.8	2706.1	2087.7	1192.2	1098.9	321.7	136.5
25°	3621.1	3618.3	3619.7	3601.6	3456.7	3150.3	2636.4	1683.8	1589.1	441.5	146.2
27.5°	4168.4	4185.1	4192.1	4126.6	3937.2	3636.4	3144.8	2221.4	2110.0	633.7	158.8
30°	4916.3	4902.4	4870.3	4736.6	4506.8	4133.6	3646.1	2785.4	2668.5	902.5	178.3
32.5°	5924.6	5909.3	5747.8	5452.5	5108.5	4651.7	4150.3	3350.9	3208.8	1238.1	204.7
35°	7586.1	7609.8	7212.9	6448.3	5831.3	5274.2	4708.8	3913.5	3788.2	1651.8	240.9
37.5°	10130.6	10001.1	9462.1	8111.2	6782.5	6051.4	5242.2	4481.8	4373.1	2161.5	288.3
40°	12602.7	12474.6	12318.6	11038.7	8435.7	6907.9	5988.7	5148.9	5008.2	2736.7	357.9
42.5°	15201.5	15130.5	15123.6	14158.4	11452.3	8254.7	6887.0	5930.2	5810.4	3367.6	472.1
45°	17042.7	16971.7	17120.7	17289.2	15560.9	11140.4	8451.0	6945.5	6771.4	4133.6	654.6
47.5°	17290.6	17293.4	17691.7	18219.6	18613.7	15604.0	10534.5	8290.9	8079.2	5229.7	961.0
50°	16466.1	16498.2	17131.9	18076.1	19137.4	19349.1	14208.5	10243.5	9930.1	6529.1	1395.5
52.5°	14896.5	14932.7	15815.7	17368.6	18655.5	20248.8	18534.3	12797.7	12437.0	8150.2	2008.3
55°	13482.9	13505.2	14517.7	16480.1	18074.7	19759.9	21102.5	16208.5	15735.0	10144.6	2612.7
57.5°	12083.2	12031.7	12690.5	14936.9	17975.8	19159.7	21481.3	20095.6	19573.3	12324.2	3083.5
60°	10211.4	10125.1	10654.3	12083.2	16675.0	19553.8	20772.4	22245.9	22127.5	15358.9	3447.0
61°	9134.9	9098.6	9630.7	10856.3	15580.4	19453.5	20602.5	22336.5	22349.0	16794.8	3609.9
62.5°	6523.5	6626.6	7439.9	9033.2	13049.8	18803.1	20624.8	22056.5	22180.5	18702.8	4031.9
65°	2899.6	3065.4	3697.7	4994.3	7588.9	15641.6	20427.0	21442.3	21381.0	19226.5	5485.9
67.5°	1720.0	1745.1	2059.8	2830.0	4019.4	8413.4	18026.0	20630.4	20548.2	16737.7	6825.7
70°	1355.1	1367.7	1467.9	1775.7	2332.8	3222.8	10288.0	17849.1	18207.0	13572.1	6682.3
72.5°	1285.5	1282.7	1296.6	1350.9	1469.3	1598.8	3983.2	11864.6	12593.0	9774.1	5602.9
75°	1268.8	1263.2	1249.3	1228.4	1064.0	941.5	1234.0	5247.8	5669.8	6678.1	4218.6
77.5°	1231.2	1232.6	1235.3	1178.2	912.2	665.7	597.5	1683.8	2071.0	4238.0	2998.5
80°	832.8	845.4	866.3	844.0	820.3	481.9	422.0	598.9	607.2	2378.8	1980.4
82.5°	422.0	422.0	412.2	367.7	317.5	313.4	335.6	434.5	440.1	1203.3	931.7
85°	254.9	268.8	274.4	249.3	228.4	210.3	256.3	345.4	357.9	466.6	217.3
87.5°	57.1	58.5	64.1	85.0	124.0	168.5	238.2	316.1	321.7	299.4	26.5
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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REPORT NUMBER: P1048002
CATALOG NUMBER: GALN-SA5B-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0	124.0
2.5°	125.3	122.6	121.2	117.0	112.8	108.6	105.8	104.5	105.8	107.2	107.2
5°	124.0	119.8	112.8	105.8	100.3	94.7	89.1	87.7	87.7	89.1	89.1
7.5°	124.0	117.0	107.2	98.9	90.5	82.2	78.0	75.2	76.6	76.6	76.6
10°	124.0	115.6	103.1	90.5	80.8	71.0	64.1	61.3	61.3	61.3	61.3
12.5°	122.6	114.2	98.9	83.6	69.6	58.5	50.1	46.0	47.4	47.4	47.4
15°	119.8	110.0	93.3	71.0	55.7	44.6	36.2	32.0	33.4	36.2	37.6
17.5°	115.6	105.8	83.6	59.9	44.6	33.4	25.1	22.3	23.7	27.9	27.9
20°	114.2	101.7	73.8	48.7	33.4	23.7	16.7	13.9	15.3	20.9	22.3
22.5°	114.2	98.9	66.9	40.4	25.1	15.3	9.7	5.6	5.6	9.7	9.7
25°	115.6	97.5	61.3	33.4	18.1	11.1	5.6	2.8	5.6	15.3	18.1
27.5°	118.4	96.1	58.5	27.9	13.9	9.7	4.2	9.7	16.7	16.7	16.7
30°	121.2	93.3	54.3	23.7	12.5	7.0	7.0	13.9	13.9	16.7	18.1
32.5°	125.3	91.9	51.5	20.9	9.7	5.6	9.7	8.4	8.4	9.7	11.1
35°	133.7	93.3	48.7	20.9	9.7	7.0	8.4	4.2	2.8	2.8	2.8
37.5°	144.8	94.7	44.6	18.1	8.4	8.4	4.2	0.0	0.0	0.0	0.0
40°	162.9	98.9	41.8	16.7	7.0	7.0	1.4	0.0	0.0	0.0	0.0
42.5°	193.6	107.2	40.4	15.3	7.0	5.6	0.0	0.0	0.0	0.0	0.0
45°	254.9	126.7	37.6	13.9	7.0	2.8	0.0	0.0	0.0	0.0	0.0
47.5°	366.3	172.7	36.2	11.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	534.8	234.0	34.8	9.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	682.4	246.5	23.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	699.1	169.9	18.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	557.1	110.0	15.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	422.0	83.6	13.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*405.3*	*75.2*	*13.9*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	447.1	65.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	727.0	54.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1263.2	47.4	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1596.1	44.6	8.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1391.3	40.4	8.4	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	837.0	34.8	8.4	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	438.7	26.5	8.4	7.0	4.2	1.4	0.0	0.0	0.0	0.0	0.0
80°	213.1	23.7	9.7	7.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	83.6	19.5	11.1	9.7	7.0	4.2	1.4	0.0	0.0	0.0	0.0
85°	37.6	16.7	12.5	11.1	9.7	5.6	1.4	0.0	0.0	0.0	0.0
87.5°	19.5	15.3	13.9	12.5	9.7	7.0	2.8	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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Peachtree City, GA 30269

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

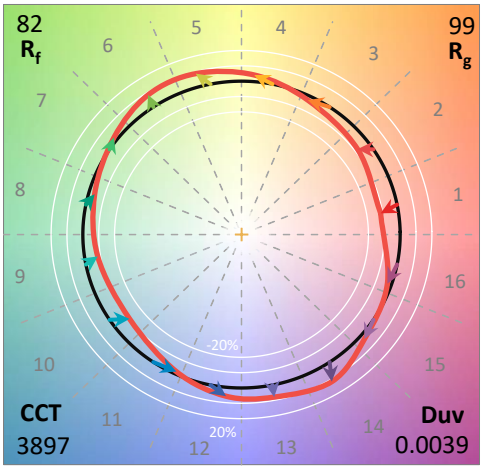
Test Information

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

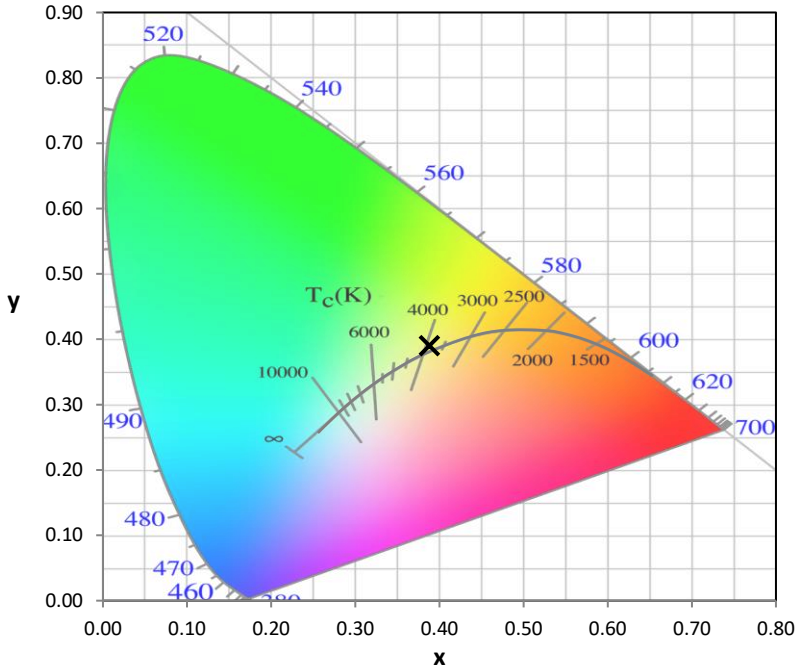
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

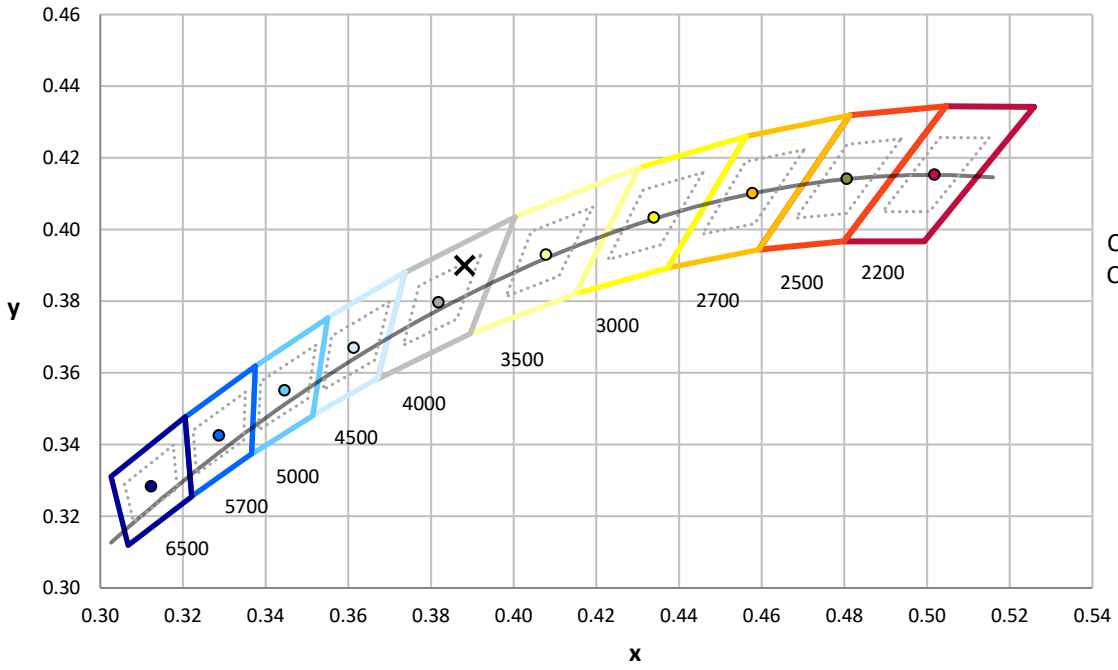
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

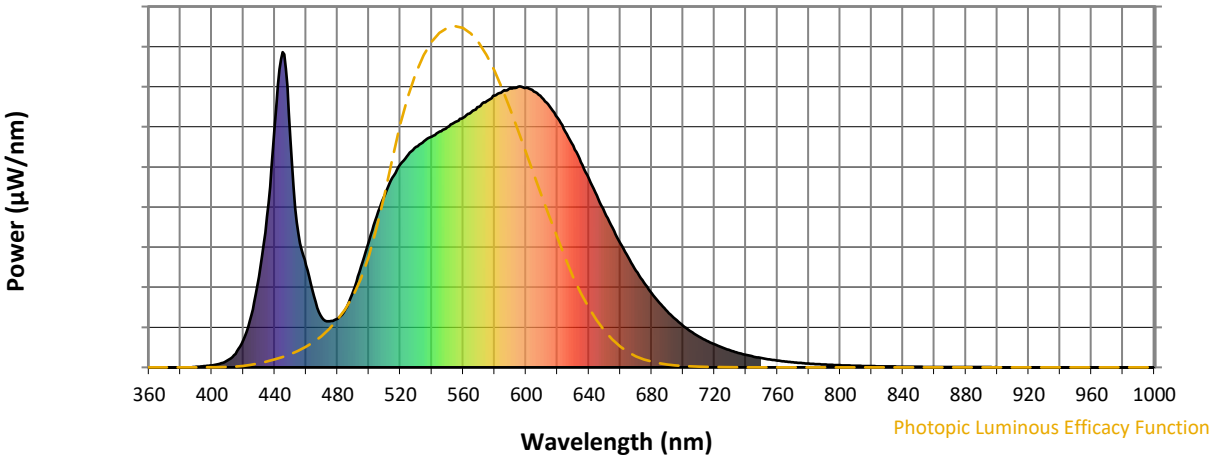


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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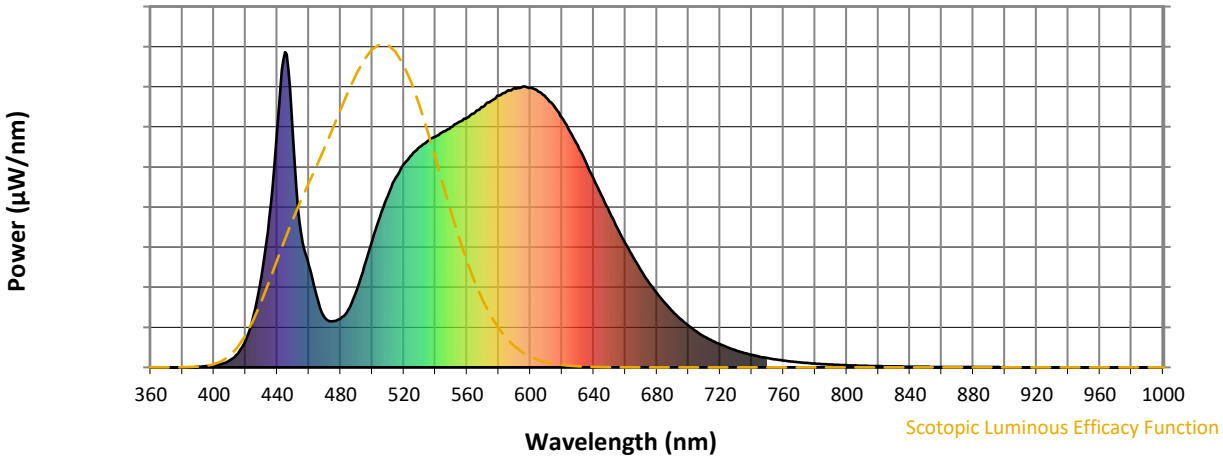
Scotopic Flux vs. Wavelength



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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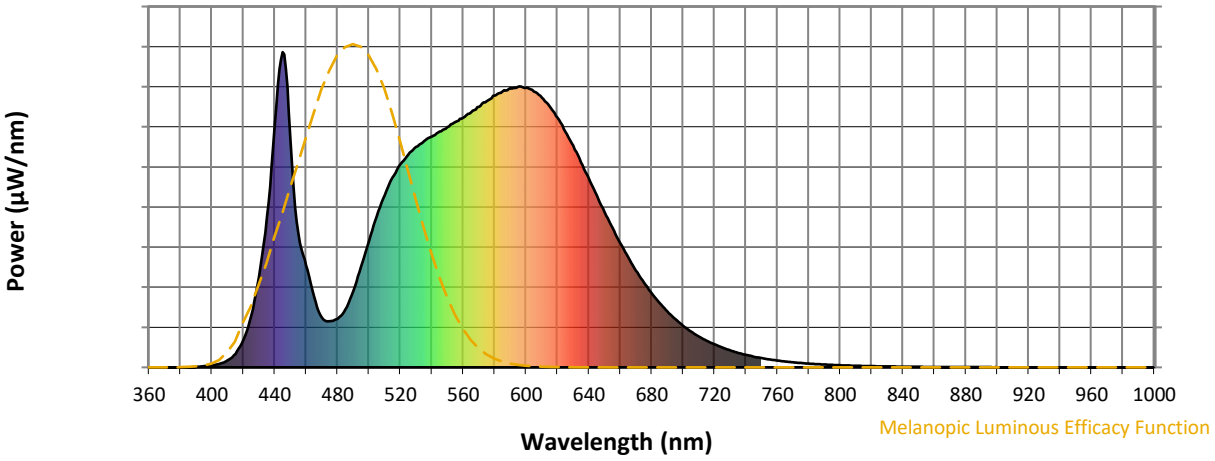
Melanopic Flux vs. Wavelength



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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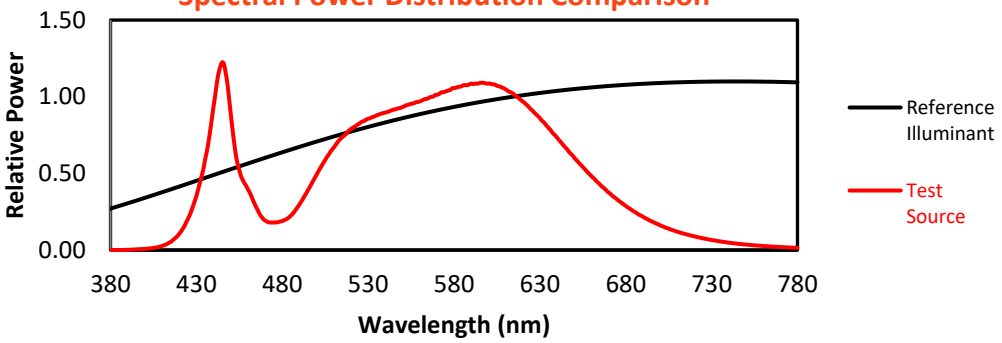
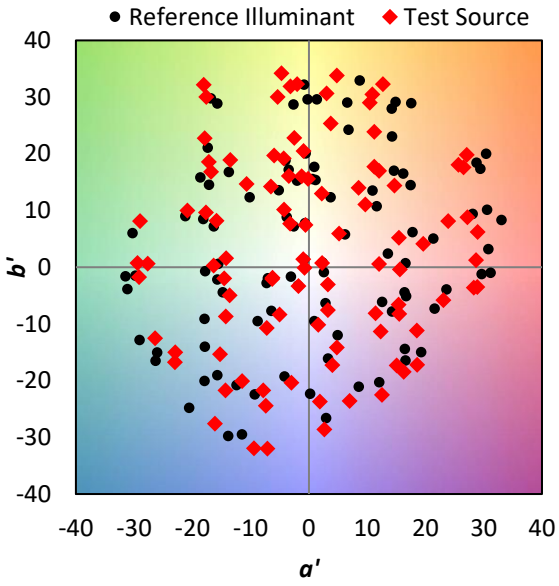
Summary

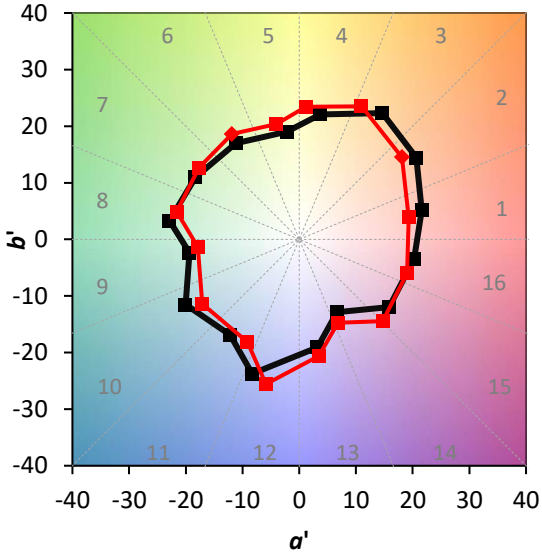
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

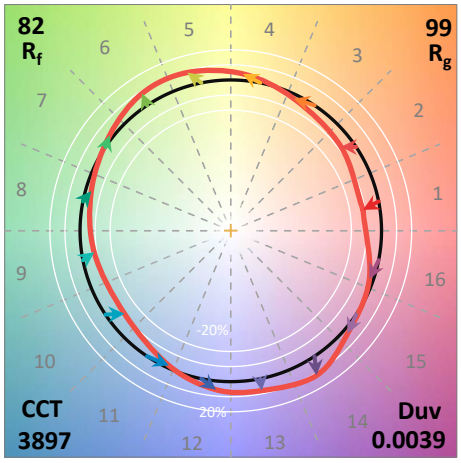
Spectral Power Distribution Comparison

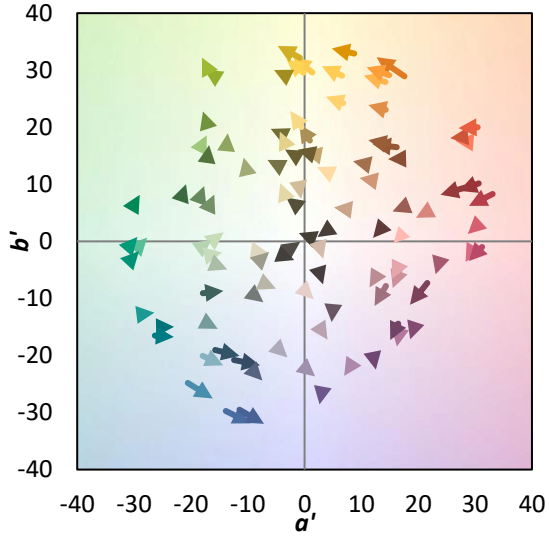


Color Vector Graphics









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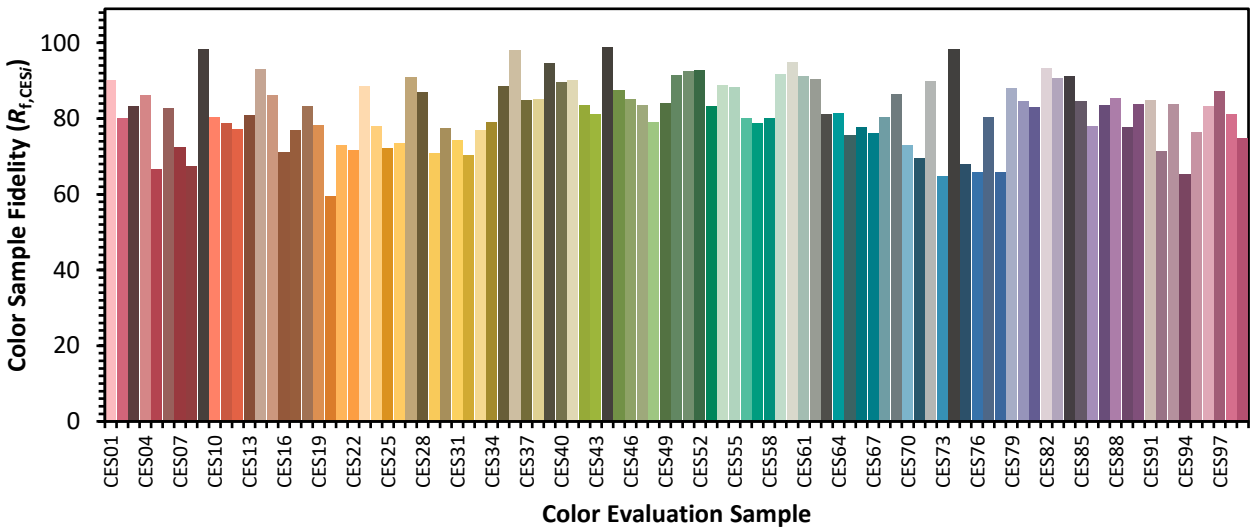
Individual Sample Fidelity Index ($R_{f,i}$)

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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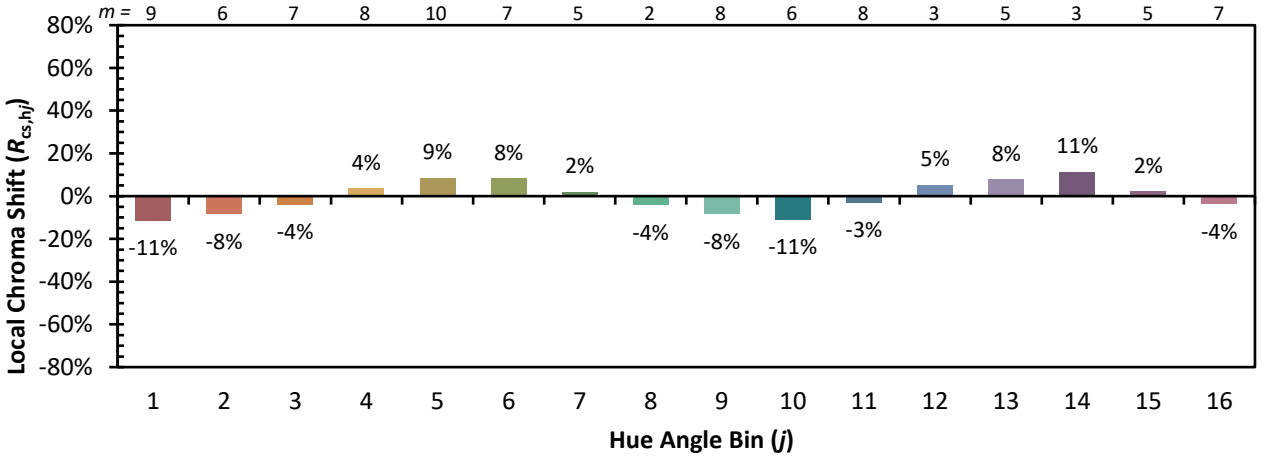
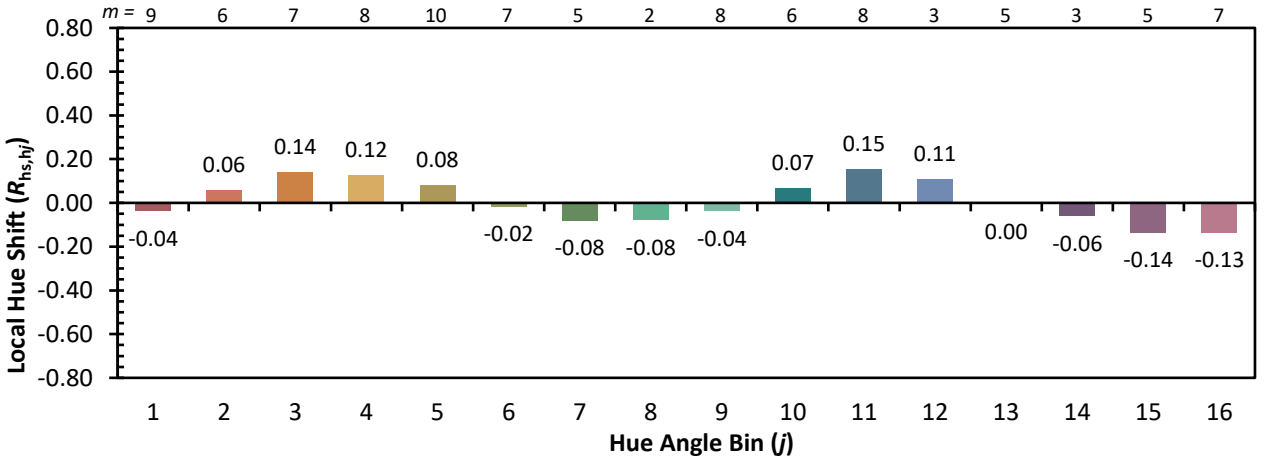
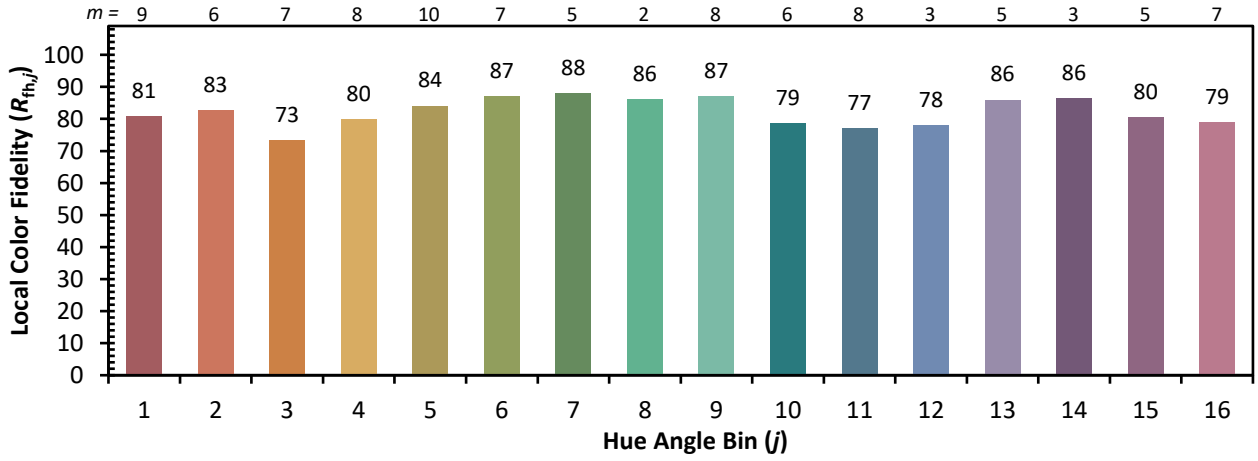
Color Rendition by Hue-Angle Bin







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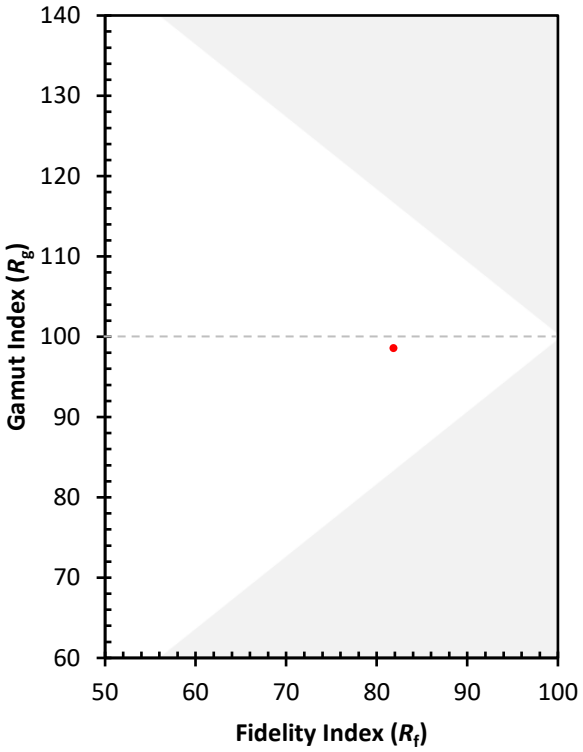
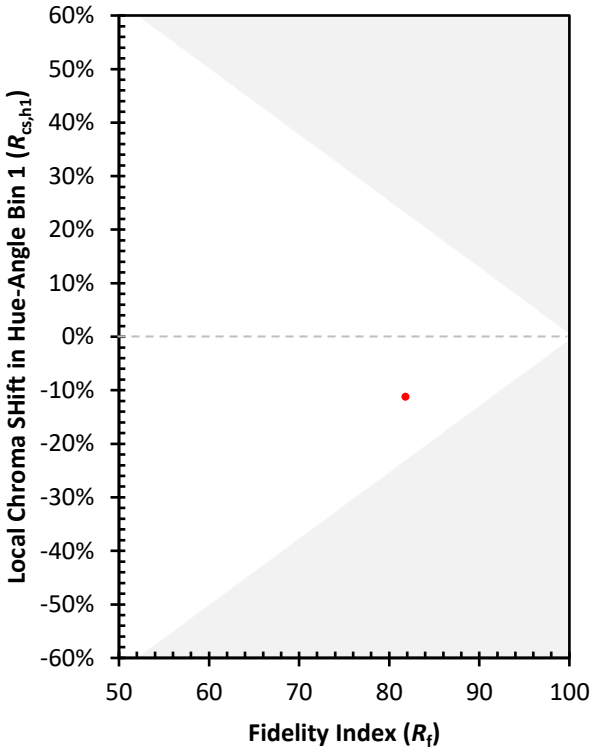
Measure Comparisons





(END OF REPORT)