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: P1048622

Luminaire Tested: **GALN-SA7B-840-U-T4BC**

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:	P1048622
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-840-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28846.2 lumens
Efficiency:	N/A
Efficacy:	115.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	249.5
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: P1048622
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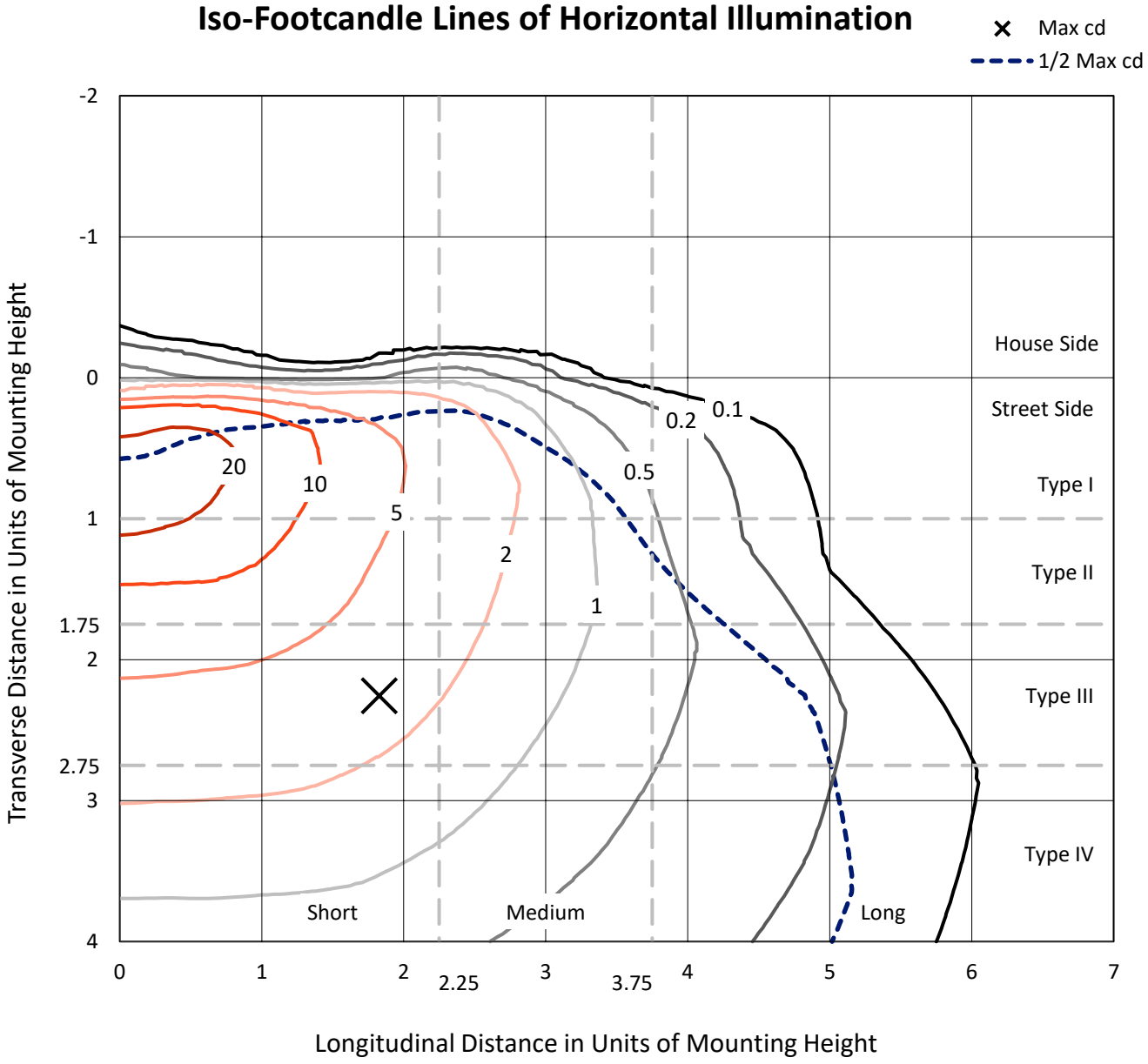
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 29.7 fc
Type IV - Short - N/A

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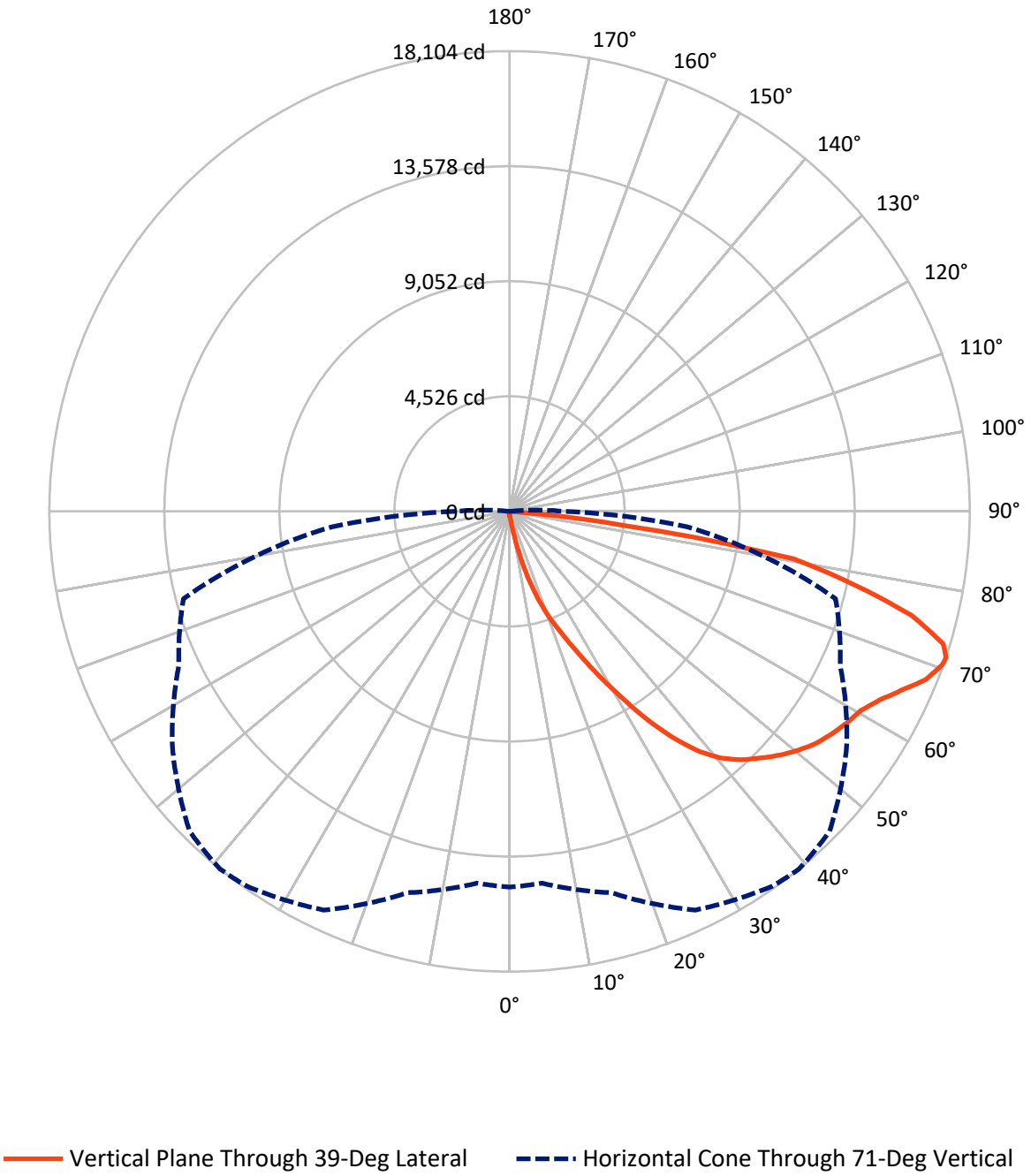
Luminous Intensity Polar Plot



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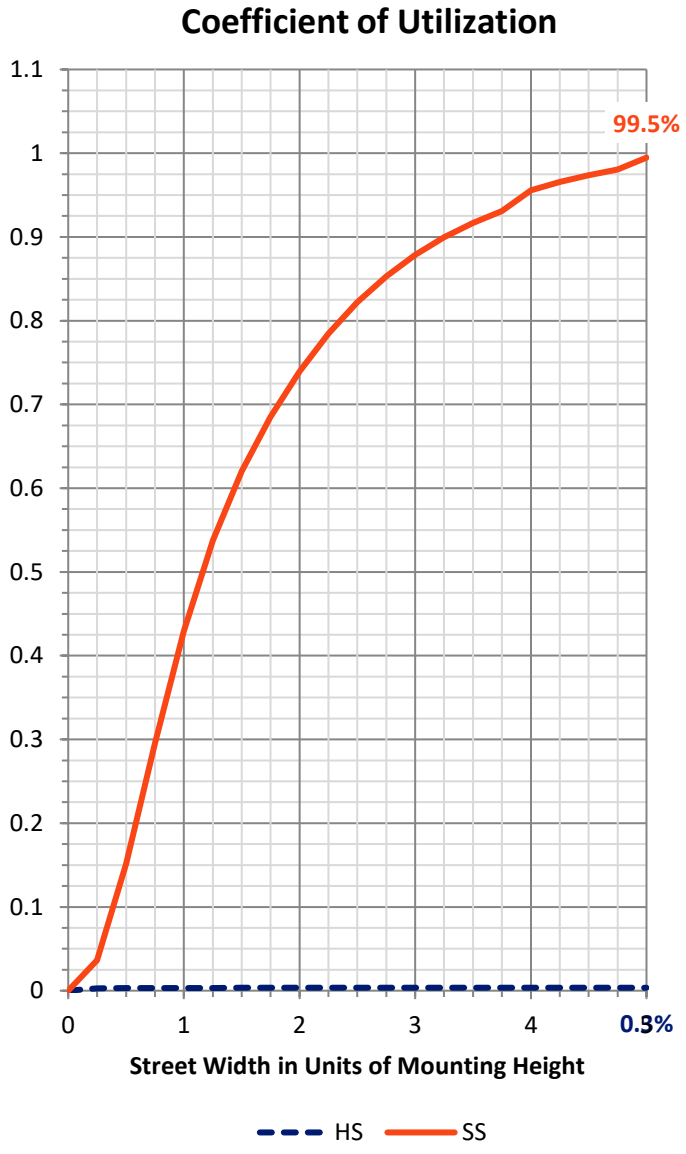
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.5	0.0	102.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28743.6	0.0	28743.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	28846.2	0.0	28846.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	0.1
10°-20°	308.3	1.1
20°-30°	1098.0	3.8
30°-40°	2646.2	9.2
40°-50°	4428.6	15.4
50°-60°	5688.0	19.7
60°-70°	7198.2	25.0
70°-80°	6417.5	22.2
80°-90°	1037.4	3.6
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°	28846.2	100.0
0°-180°	28846.2	100.0



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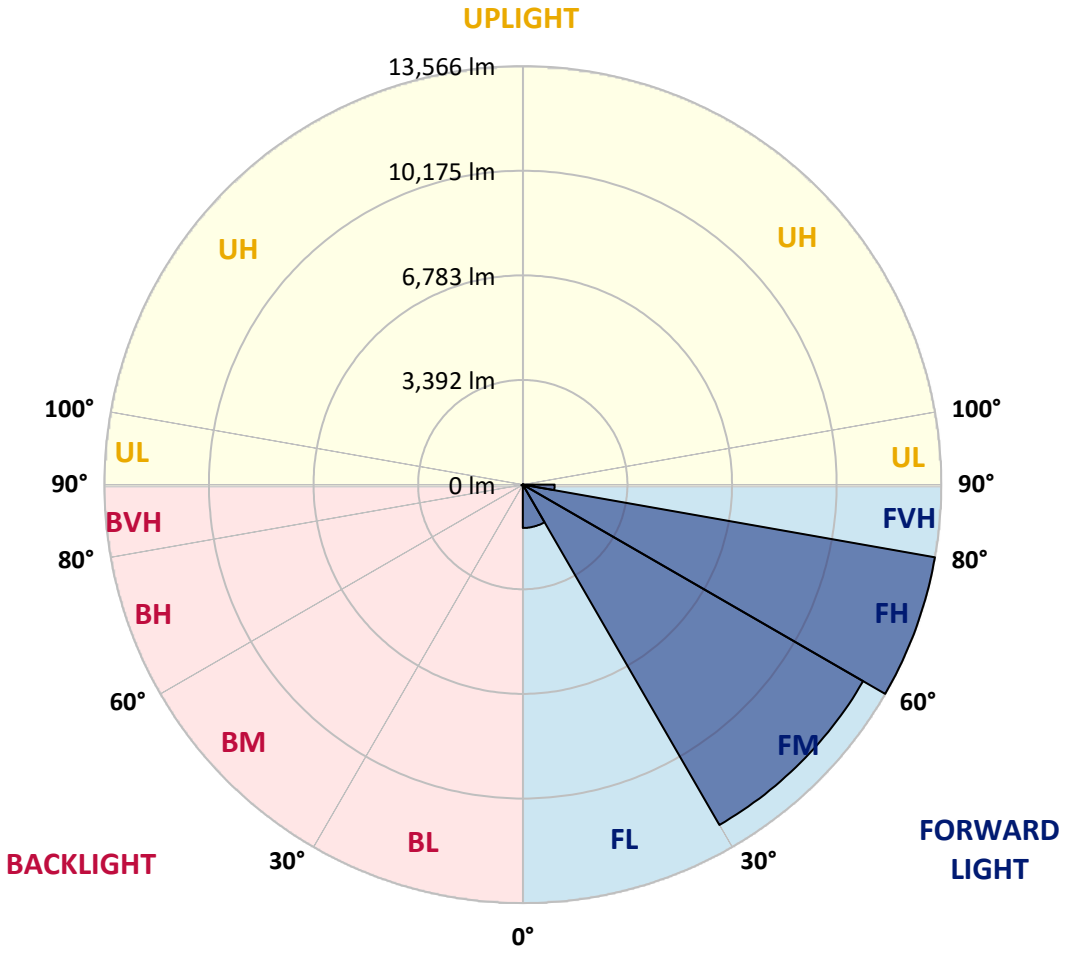
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1405.6	4.9			
FM	(30°-60°)	12739.0	44.2			
FH	(60°-80°)	13566.4	47.0			G5
FVH	(80°-90°)	1032.6	3.6			G5
BL	(0°-30°)	24.8	0.1	B0/110		
BM	(30°-60°)	23.7	0.1	B0/220		
BH	(60°-80°)	49.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	158.2	158.2	158.2	158.2	158.2	*158.2*	158.2	158.2	158.2	158.2	158.2
2.5°	181.6	181.6	181.6	175.7	175.7	*173.8*	171.8	171.8	167.9	166.0	162.1
5°	275.3	269.5	255.8	248.0	232.4	*222.6*	212.8	199.2	185.5	175.7	164.0
7.5°	622.9	636.6	591.7	507.7	421.8	*384.7*	322.2	259.7	214.8	185.5	166.0
10°	1587.6	1579.8	1427.4	1259.5	972.5	*857.2*	671.7	423.7	277.3	203.1	167.9
12.5°	2700.6	2692.8	2513.2	2284.7	1905.9	*1665.7*	1314.2	790.9	398.4	230.4	167.9
15°	3636.0	3604.7	3548.1	3321.6	2878.3	*2677.2*	2212.4	1398.2	644.4	277.3	171.8
17.5°	4255.0	4227.7	4174.9	4092.9	3811.7	*3573.5*	3200.5	2196.8	1042.8	359.3	179.7
20°	4823.2	4803.7	4760.8	4745.1	4563.5	*4436.6*	4128.1	3114.6	1624.7	488.2	191.4
22.5°	5604.3	5563.3	5580.9	5487.2	5309.5	*5157.2*	4967.7	4075.3	2335.5	703.0	212.8
25°	6561.2	6541.6	6492.8	6426.4	6180.4	*6047.6*	5756.6	4981.4	3130.2	984.2	236.3
27.5°	7717.2	7695.7	7684.0	7531.7	7248.5	*7104.0*	6697.9	5836.7	4024.6	1378.6	267.5
30°	9049.0	9058.7	8982.6	8787.3	8457.3	*8254.2*	7836.3	6733.0	4940.4	1841.4	300.7
32.5°	10427.6	10408.1	10290.9	10060.5	9765.6	*9576.2*	9045.0	7715.2	5901.2	2452.6	339.8
35°	11913.6	11876.5	11568.0	11304.4	11052.5	*10814.2*	10329.9	8855.6	6861.9	3138.0	392.5
37.5°	13413.3	13239.5	12620.5	12286.6	12112.8	*11917.5*	11466.4	10072.2	7816.8	3903.5	456.9
40°	14545.9	14411.1	13676.9	13061.8	12923.2	*12757.2*	12421.3	11122.8	8832.2	4725.6	535.0
42.5°	15172.7	15098.5	14438.5	13831.2	13505.1	*13358.6*	13071.6	12040.5	9835.9	5633.6	648.3
45°	15440.2	15325.0	14883.7	14600.6	14081.1	*13839.0*	13497.3	12733.8	10884.5	6664.7	806.5
47.5°	15358.2	15291.8	14975.5	15079.0	14702.1	*14325.2*	13823.4	13264.9	11780.8	7848.0	1023.2
50°	14842.7	14786.1	14688.4	15248.9	15202.0	*14756.8*	14245.2	13684.7	12513.1	9068.5	1359.1
52.5°	13862.4	13839.0	14088.9	15116.1	15485.1	*15137.6*	14651.3	14055.8	13196.5	10343.6	1839.5
55°	12599.0	12694.7	13409.4	14909.1	15629.7	*15418.8*	15010.6	14403.3	13745.3	11484.0	2548.3
57.5°	12079.6	12105.0	12997.4	14762.6	15694.1	*15666.8*	15360.2	14735.3	14249.1	12395.9	3630.1
60°	12686.9	12647.8	13118.4	14873.9	15823.0	*15889.4*	15670.7	15043.8	14686.5	13179.0	5071.2
62.5°	13784.3	13762.8	13913.2	15348.5	16199.8	*16334.6*	16102.2	15266.4	15073.1	13694.5	6715.4
65°	14764.6	14719.7	14998.9	16190.1	16861.8	*16957.5*	16754.4	15647.2	15243.0	14069.4	8260.0
67.5°	15188.3	15178.6	15627.7	16990.7	17557.0	*17660.5*	17482.8	16172.5	15204.0	14188.5	8941.6
70°	14995.0	14957.9	15676.5	17330.5	17949.5	*18066.7*	17894.8	16367.8	14780.2	13811.7	7932.0
71°	*14782.2*	*14682.6*	*15530.1*	*17307.0*	*18004.2*	*18103.8*	*17803.0*	*16190.1*	*14354.5*	*13276.6*	*7016.2*
72.5°	14122.1	14139.7	15127.8	17063.0	17873.3	*17844.0*	17283.6	15553.5	13841.0	12062.0	5635.6
75°	12497.5	12601.0	13825.3	16037.8	16705.6	*16332.6*	15475.4	14336.9	12809.9	8648.6	3913.3
77.5°	10212.8	10367.0	11712.5	14065.5	13876.1	*13839.0*	13803.8	12632.2	10939.2	4645.5	2722.1
80°	4876.0	5209.9	7065.0	10040.9	10907.9	*11327.8*	11064.2	10179.6	8459.2	2212.4	1626.6
82.5°	318.3	314.4	445.2	843.6	3555.9	*4596.7*	7303.2	7275.9	5897.2	1077.9	663.9
85°	150.4	154.3	169.9	193.3	224.6	*246.0*	339.8	1991.8	2821.7	513.6	144.5
87.5°	87.9	89.8	105.4	134.7	175.7	*195.3*	232.4	298.8	367.1	283.1	31.2
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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CATALOG NUMBER: GALN-SA7B-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2
2.5°	160.1	158.2	152.3	146.5	140.6	136.7	134.7	136.7	136.7	138.6	138.6
5°	160.1	154.3	144.5	132.8	125.0	117.2	113.3	111.3	113.3	113.3	113.3
7.5°	158.2	148.4	134.7	121.1	111.3	101.5	97.6	95.7	95.7	97.6	97.6
10°	154.3	144.5	126.9	111.3	99.6	87.9	82.0	76.2	76.2	76.2	78.1
12.5°	152.3	138.6	117.2	101.5	85.9	72.3	60.5	54.7	56.6	56.6	56.6
15°	148.4	132.8	111.3	91.8	72.3	54.7	44.9	39.1	41.0	43.0	41.0
17.5°	148.4	130.8	103.5	80.1	56.6	41.0	33.2	29.3	29.3	31.2	31.2
20°	148.4	126.9	97.6	68.3	43.0	31.2	23.4	21.5	21.5	25.4	27.3
22.5°	152.3	126.9	89.8	56.6	35.1	23.4	17.6	15.6	17.6	21.5	23.4
25°	158.2	125.0	82.0	50.8	29.3	17.6	13.7	9.8	11.7	15.6	17.6
27.5°	164.0	123.0	74.2	44.9	23.4	13.7	9.8	7.8	5.9	7.8	7.8
30°	169.9	123.0	66.4	37.1	19.5	9.8	5.9	3.9	2.0	0.0	0.0
32.5°	173.8	119.1	60.5	29.3	15.6	7.8	3.9	2.0	0.0	0.0	0.0
35°	177.7	115.2	52.7	23.4	11.7	5.9	2.0	0.0	0.0	0.0	0.0
37.5°	181.6	109.4	44.9	19.5	9.8	3.9	0.0	0.0	0.0	0.0	0.0
40°	185.5	101.5	37.1	17.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	189.4	95.7	31.2	13.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	199.2	91.8	25.4	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	216.8	87.9	23.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	242.1	84.0	21.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	277.3	82.0	19.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	339.8	80.1	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	447.2	78.1	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	685.4	74.2	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1224.4	72.3	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2134.3	74.2	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3059.9	78.1	13.7	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2618.6	68.3	13.7	7.8	3.9	2.0	0.0	0.0	0.0	0.0	0.0
71°	*2134.3*	*60.5*	*13.7*	*7.8*	*3.9*	*2.0*	*2.0*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1372.8	46.9	11.7	7.8	3.9	3.9	2.0	0.0	0.0	0.0	0.0
75°	580.0	39.1	11.7	7.8	5.9	3.9	3.9	2.0	0.0	0.0	0.0
77.5°	248.0	29.3	11.7	9.8	7.8	5.9	5.9	3.9	2.0	0.0	0.0
80°	93.7	23.4	13.7	11.7	9.8	9.8	7.8	3.9	2.0	0.0	0.0
82.5°	43.0	19.5	13.7	11.7	11.7	9.8	7.8	5.9	3.9	0.0	0.0
85°	27.3	17.6	13.7	11.7	11.7	9.8	9.8	5.9	3.9	0.0	0.0
87.5°	21.5	17.6	13.7	13.7	11.7	11.7	7.8	5.9	2.0	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

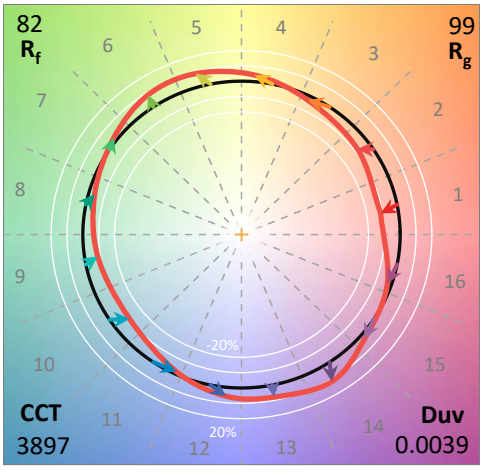
Test Information

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

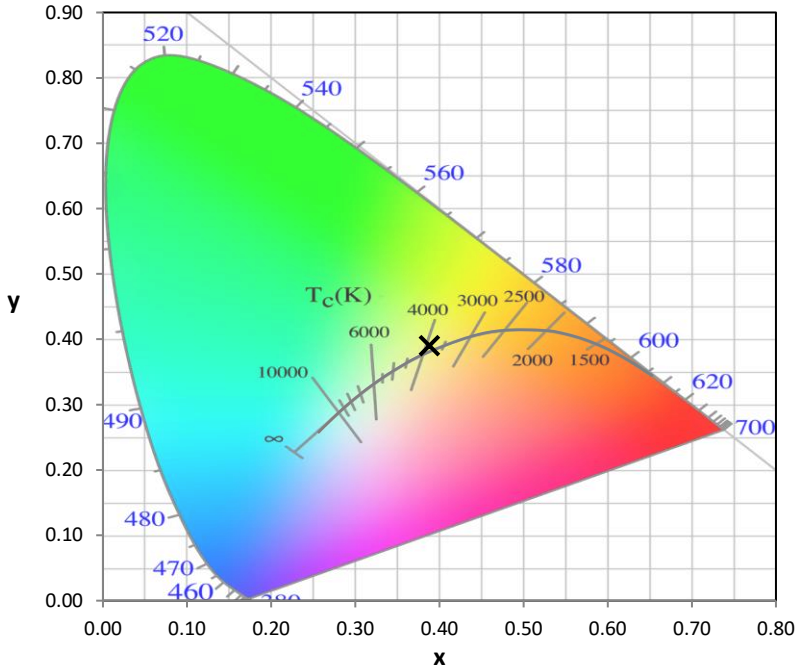
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

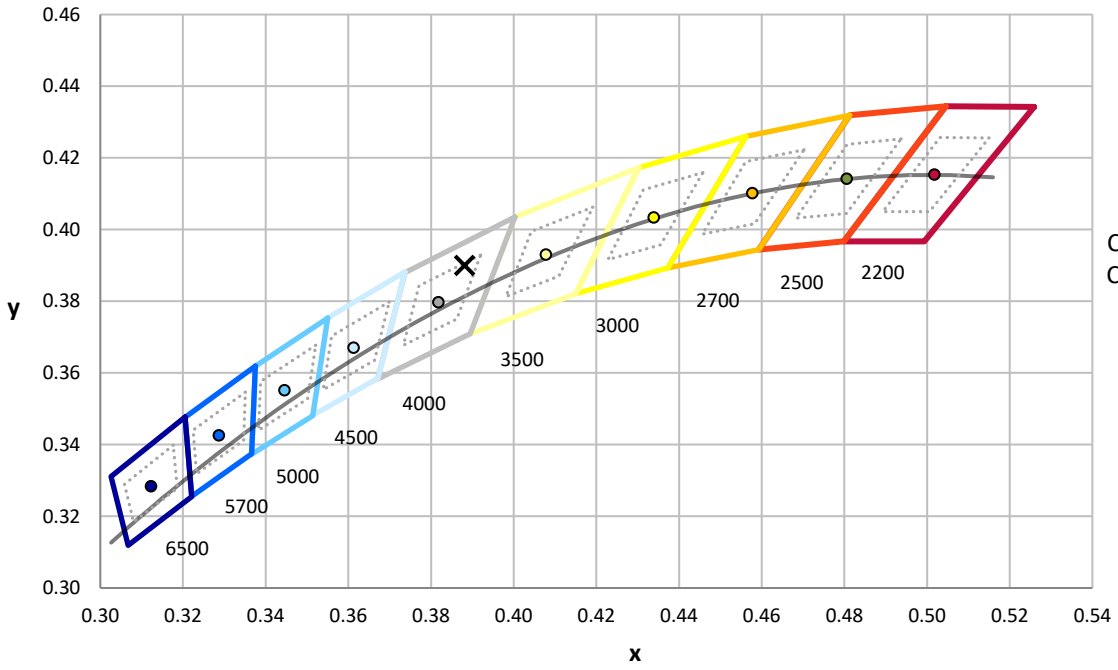
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

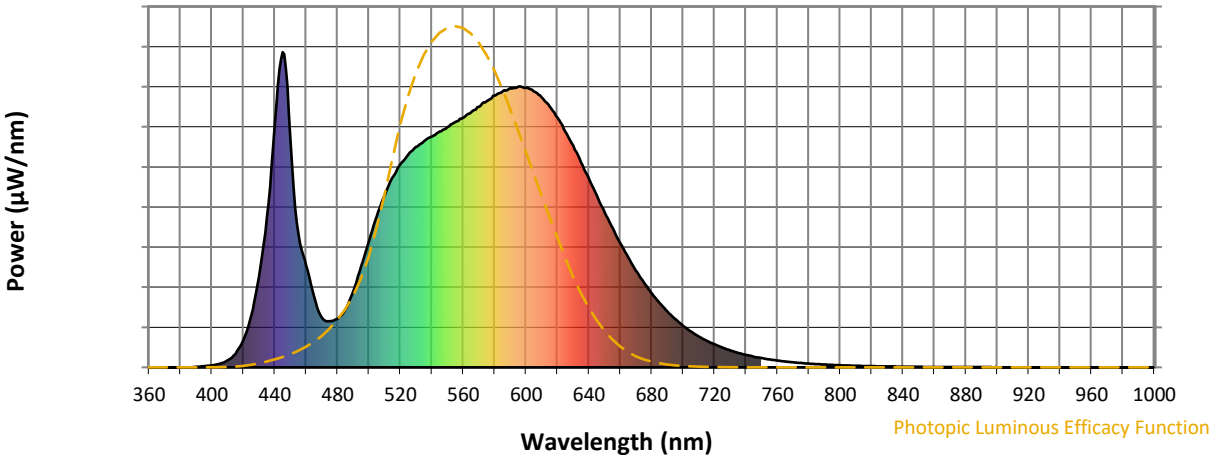


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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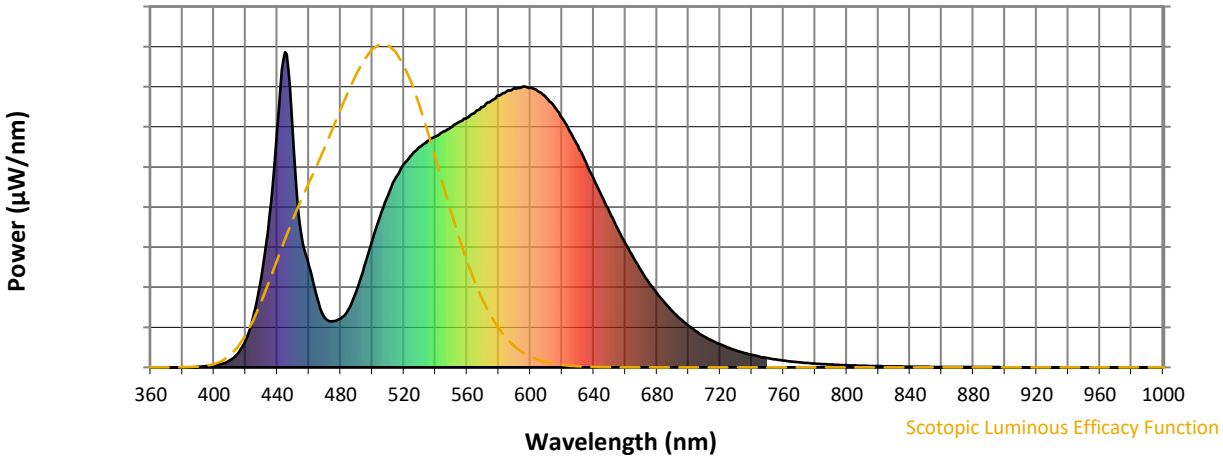
Scotopic Flux vs. Wavelength



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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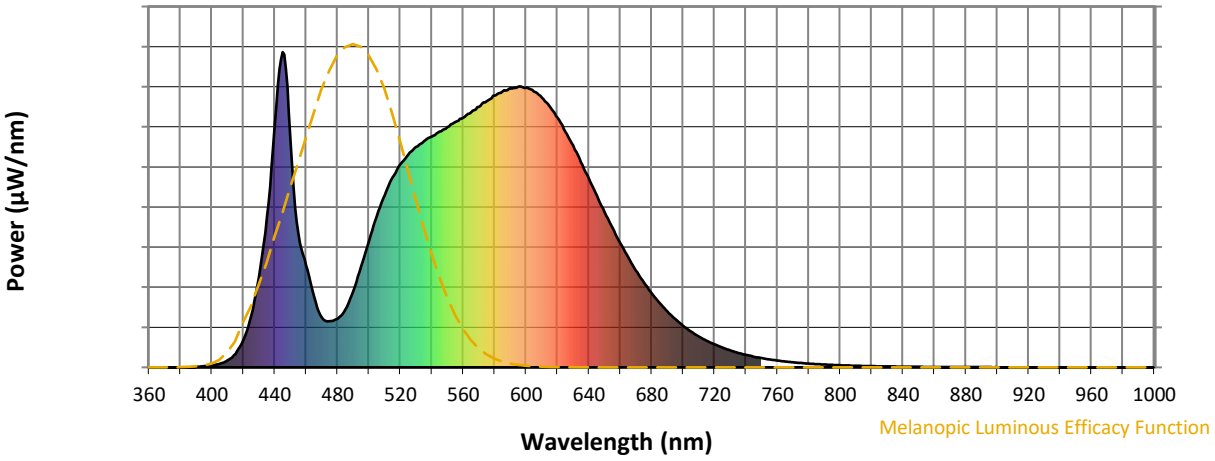
Melanopic Flux vs. Wavelength



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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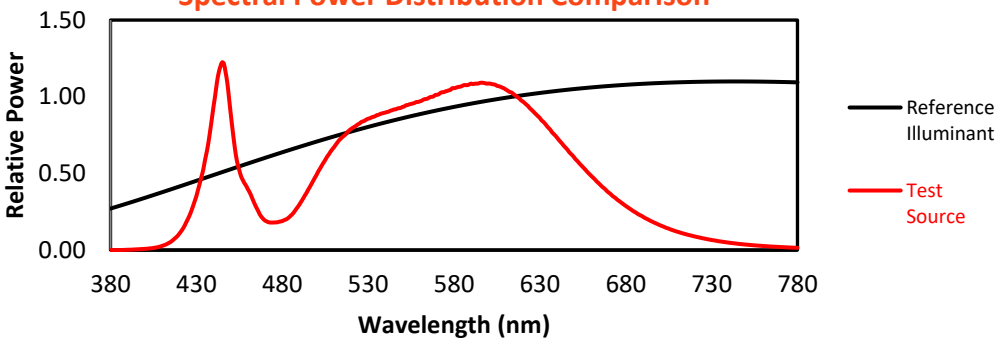
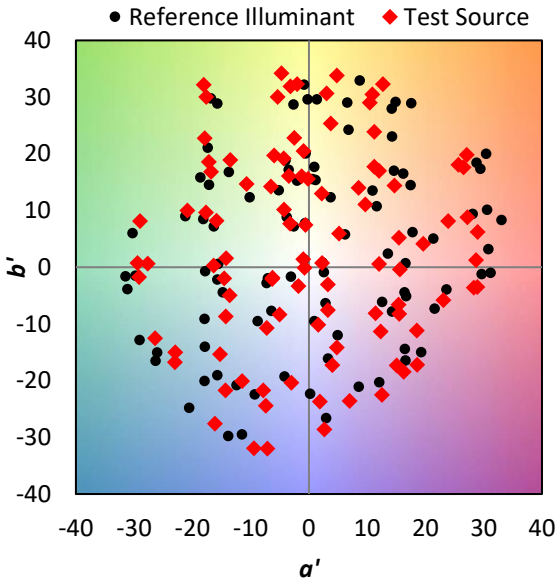
Summary

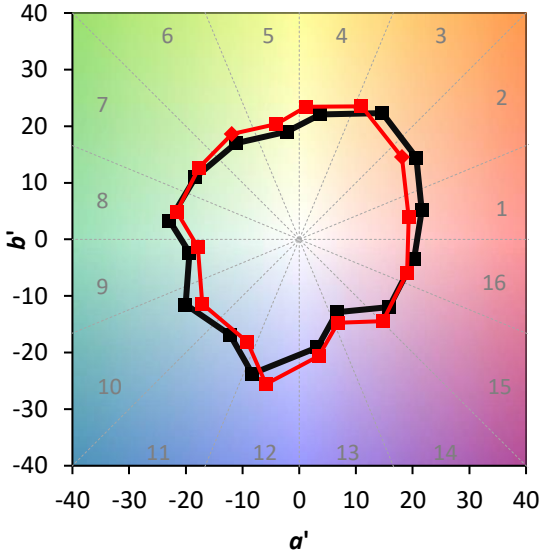
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

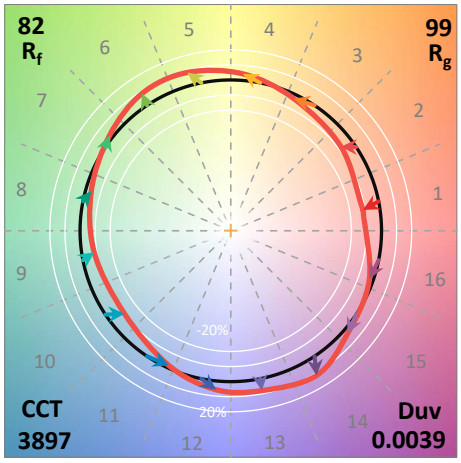
Spectral Power Distribution Comparison

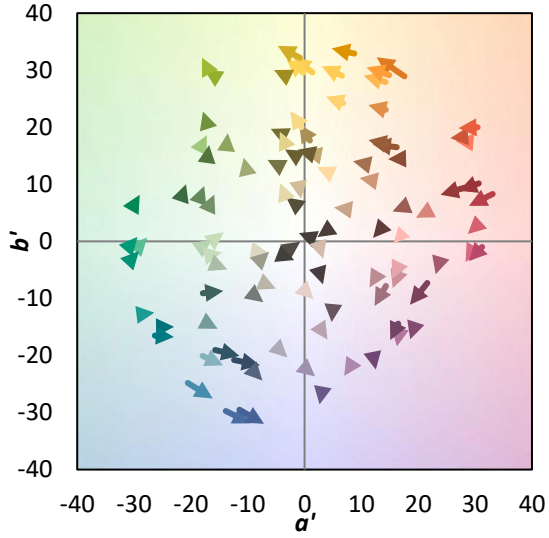


Color Vector Graphics









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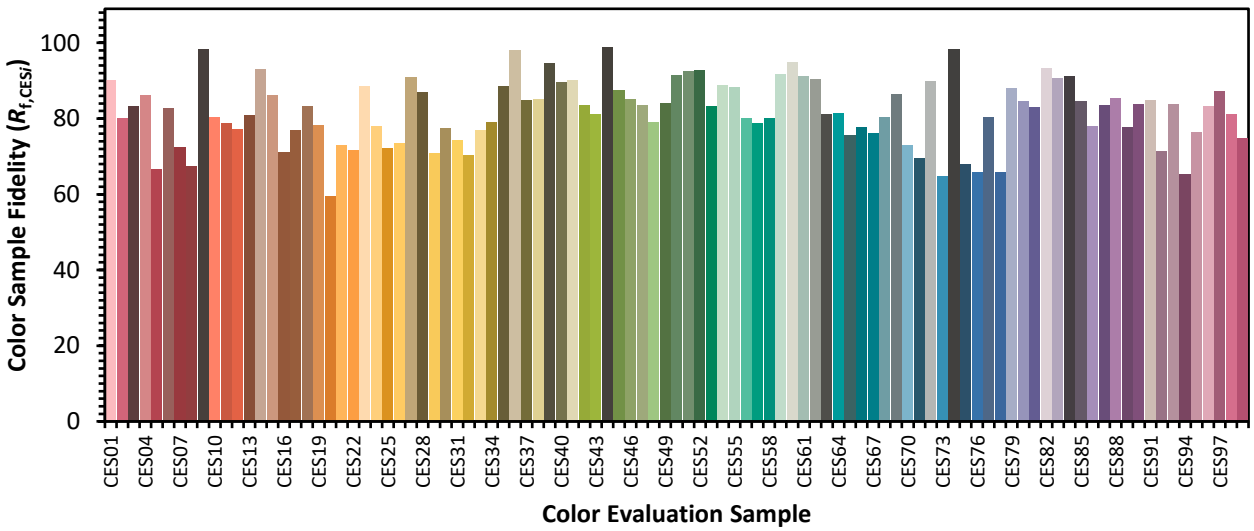
Individual Sample Fidelity Index ($R_{f,i}$)

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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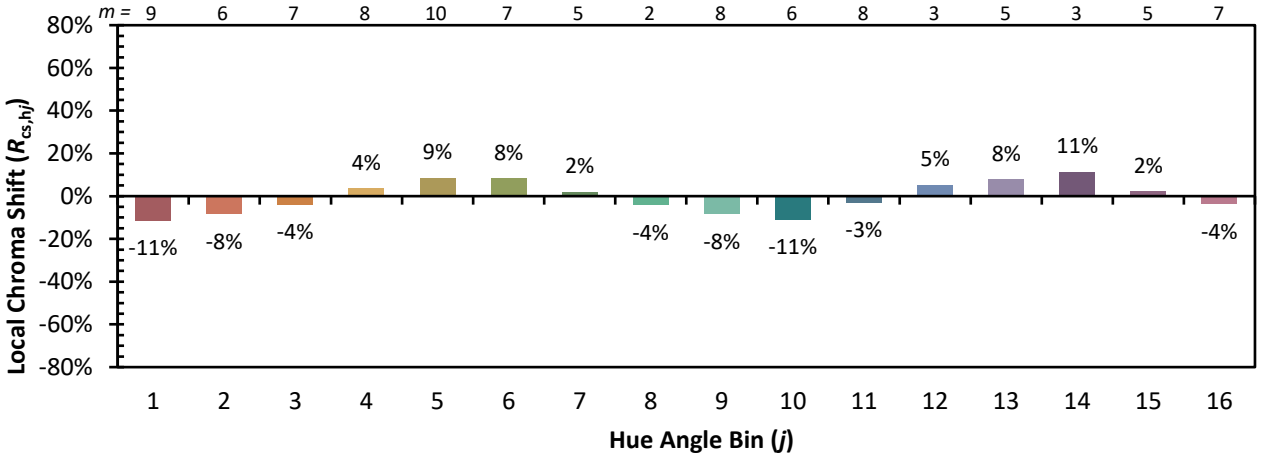
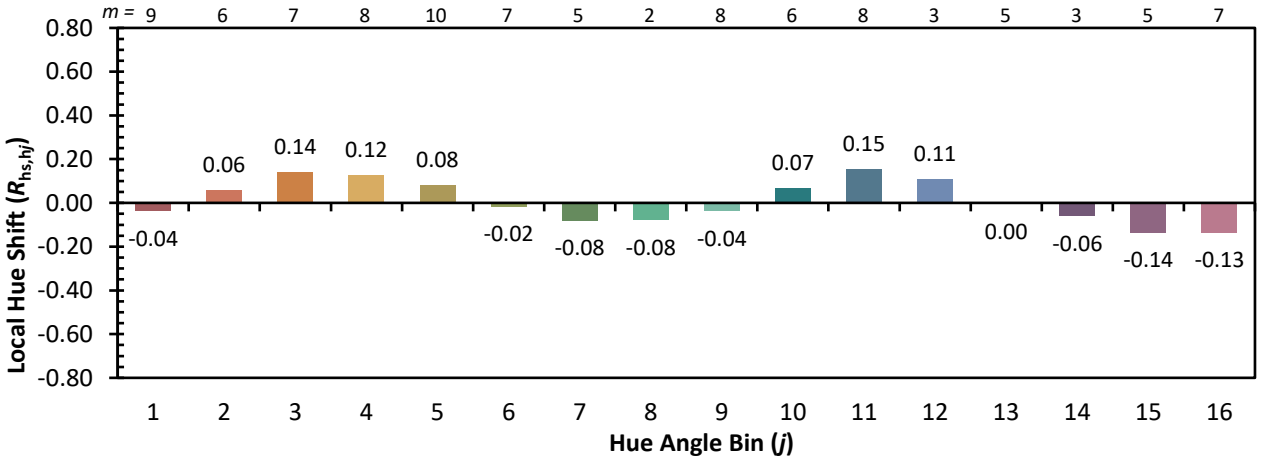
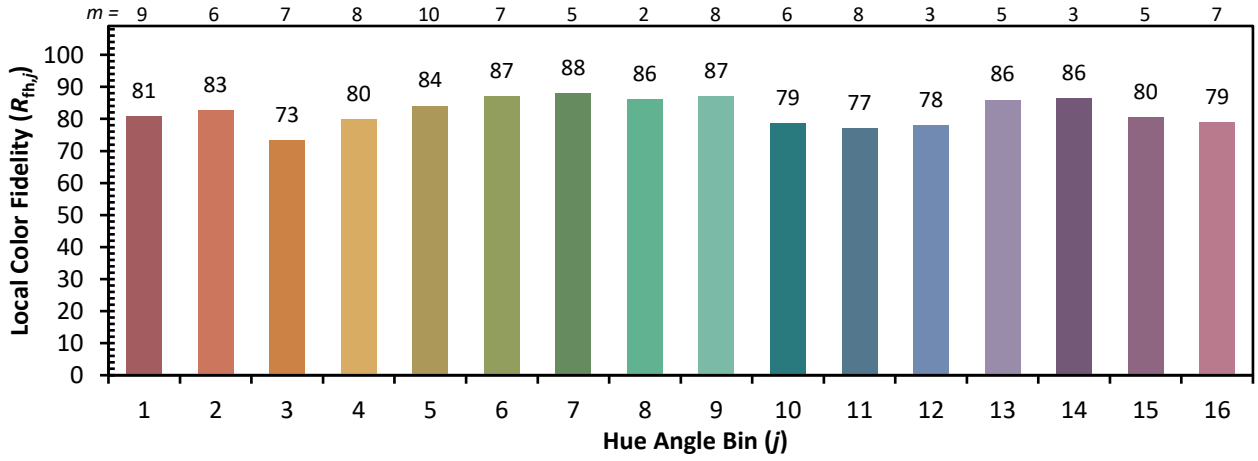
Color Rendition by Hue-Angle Bin







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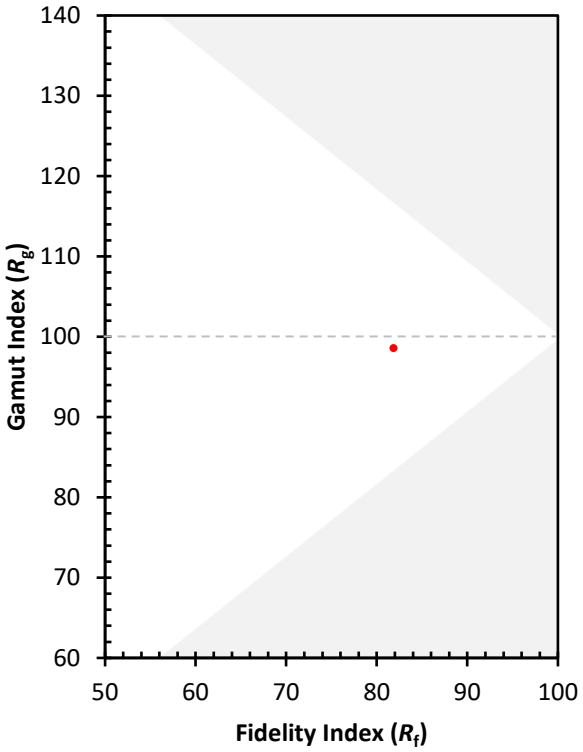
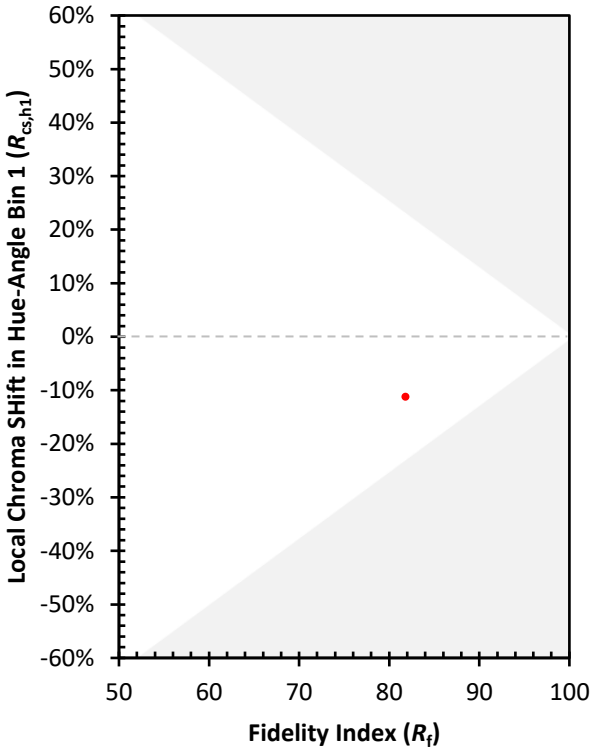
Measure Comparisons





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