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: P1048615

Luminaire Tested: **GALN-SA5C-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:	P1048615
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5C-840-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25576.4 lumens
Efficiency:	N/A
Efficacy:	108.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	236
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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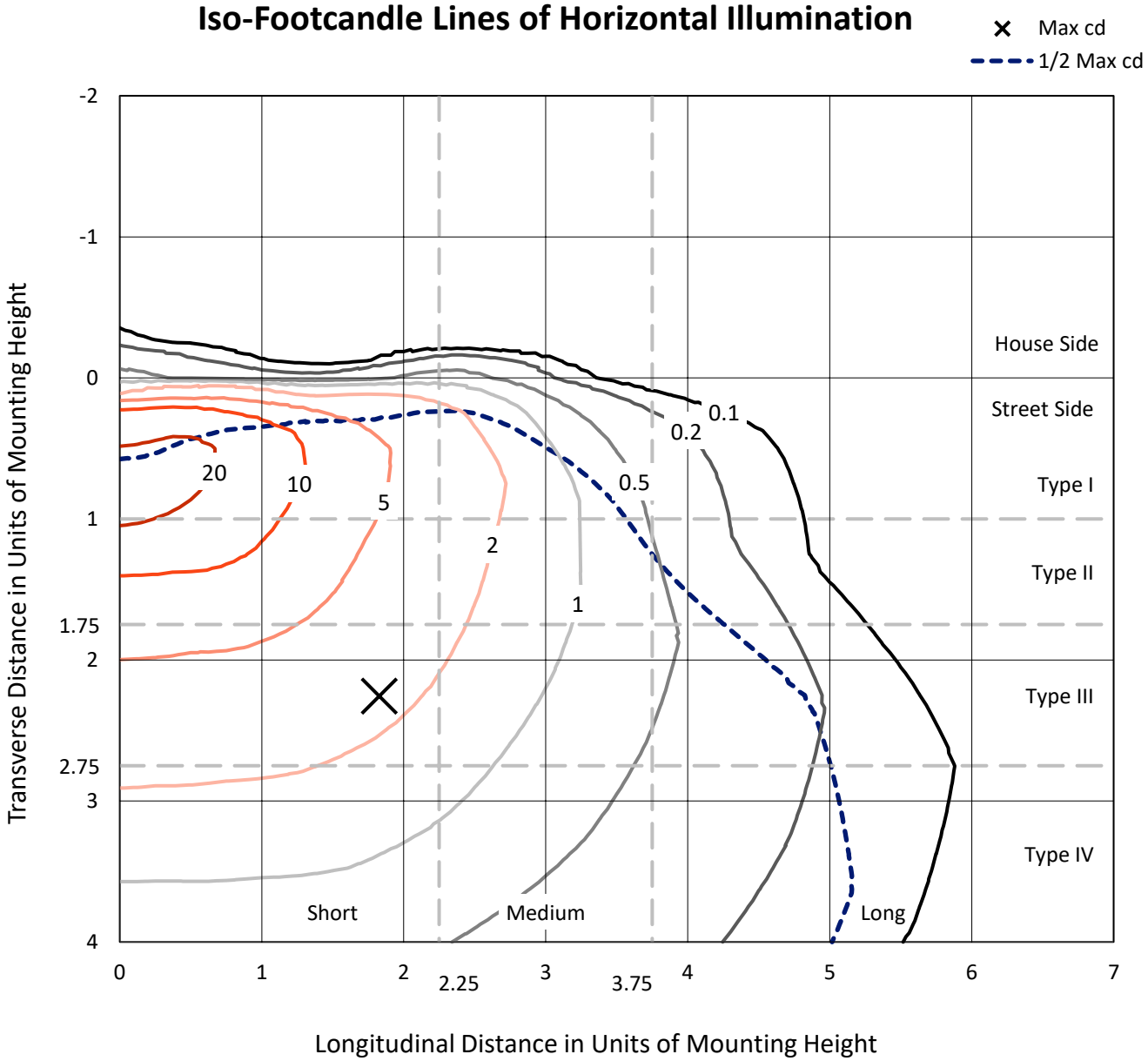
REPORT NUMBER: P1048615
CATALOG NUMBER: GALN-SA5C-840-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.3 fc
Type IV - Short - N/A

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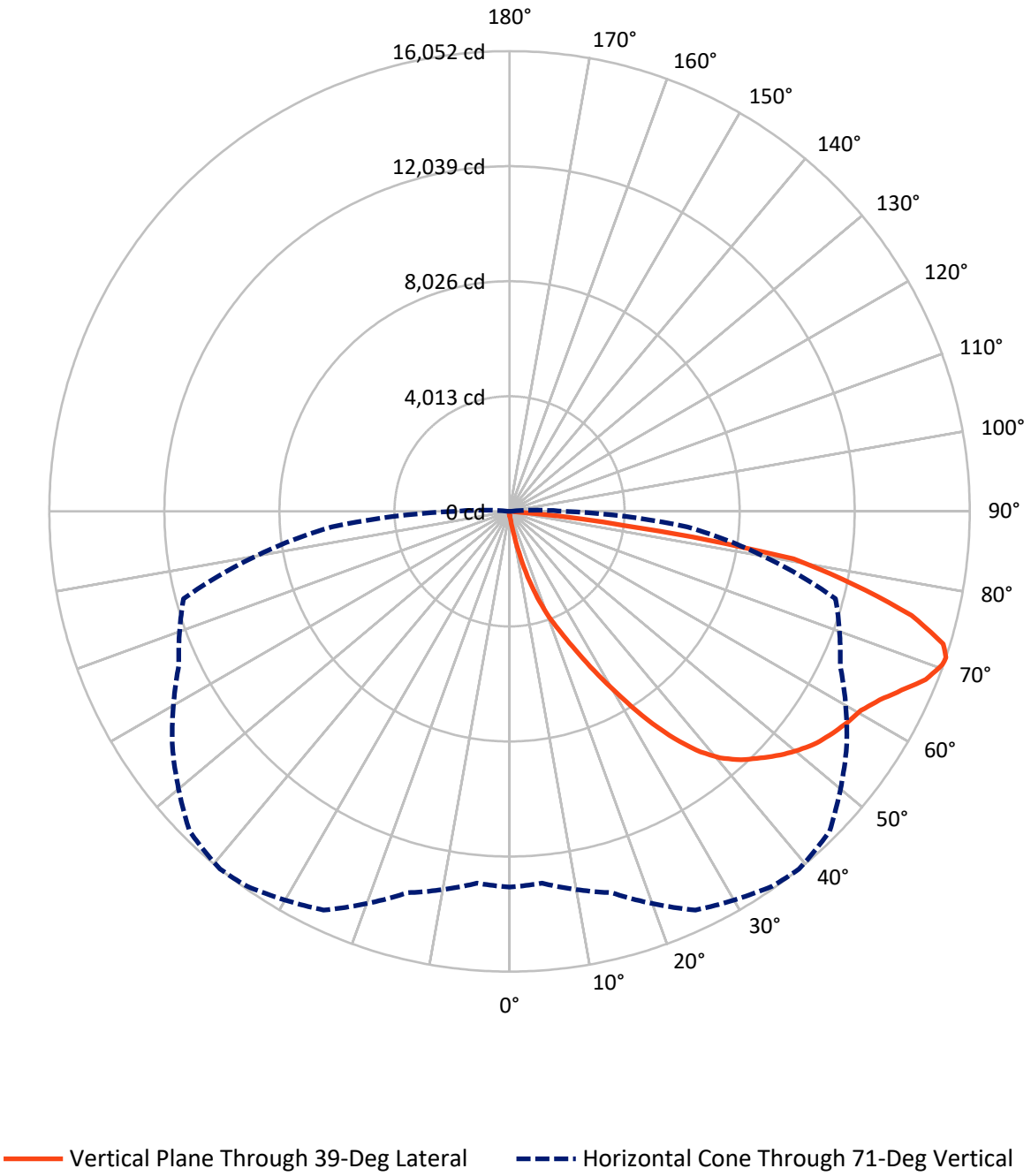
Luminous Intensity Polar Plot



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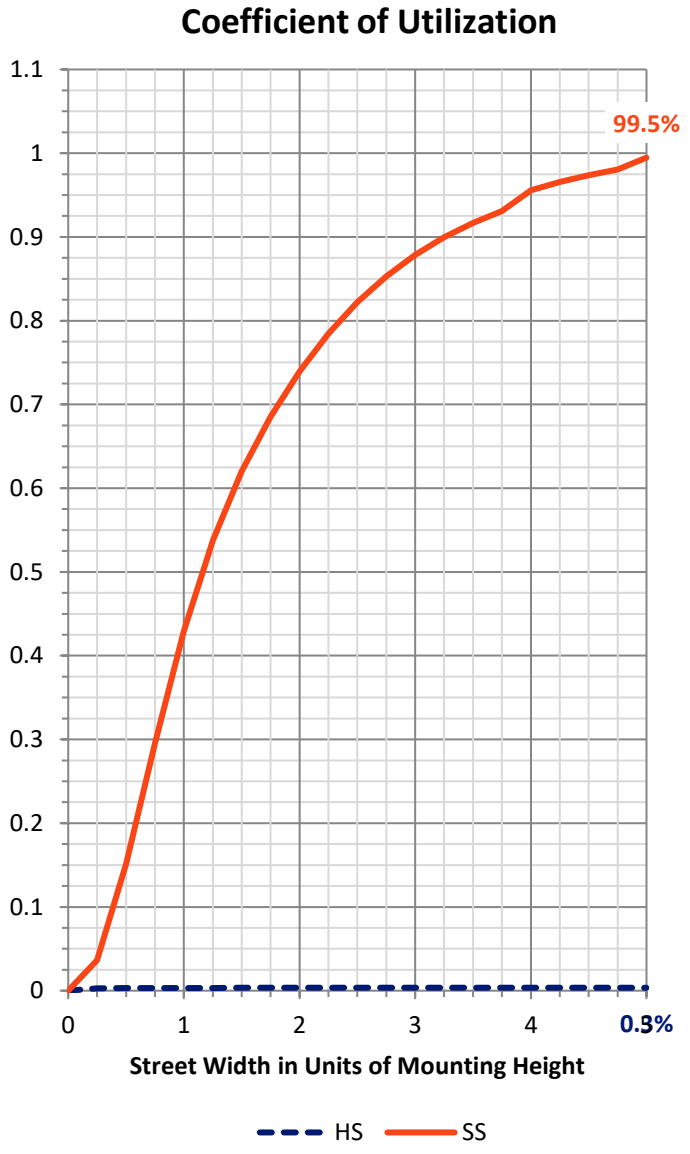
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	90.9	0.0	90.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25485.5	0.0	25485.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	25576.4	0.0	25576.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.4	0.1
10°-20°	273.4	1.1
20°-30°	973.5	3.8
30°-40°	2346.2	9.2
40°-50°	3926.6	15.4
50°-60°	5043.2	19.7
60°-70°	6382.3	25.0
70°-80°	5690.1	22.2
80°-90°	919.8	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°	25576.4	100.0
0°-180°	25576.4	100.0



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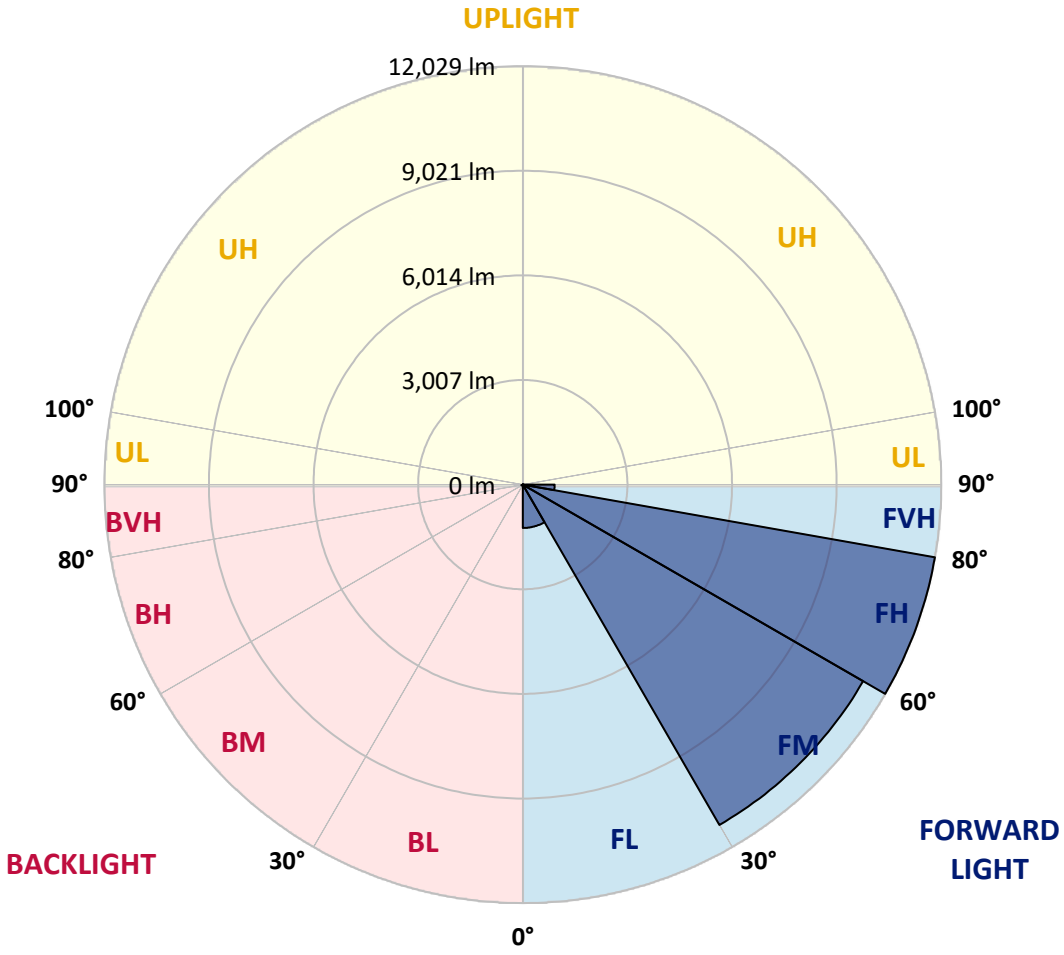
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1246.3	4.9			
FM	(30°-60°)	11295.0	44.2			
FH	(60°-80°)	12028.6	47.0			G5
FVH	(80°-90°)	915.6	3.6			G5
BL	(0°-30°)	22.0	0.1	B0/110		
BM	(30°-60°)	21.0	0.1	B0/220		
BH	(60°-80°)	43.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	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°	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2
2.5°	161.0	161.0	161.0	155.8	155.8	154.1	152.4	152.4	148.9	147.2	143.7
5°	244.1	238.9	226.8	219.9	206.0	197.4	188.7	176.6	164.5	155.8	145.4
7.5°	552.3	564.4	524.6	450.2	374.0	341.1	285.7	230.3	190.5	164.5	147.2
10°	1407.6	1400.7	1265.6	1116.7	862.2	760.1	595.6	375.7	245.9	180.1	148.9
12.5°	2394.5	2387.6	2228.3	2025.7	1689.8	1476.9	1165.2	701.2	353.2	204.3	148.9
15°	3223.8	3196.1	3145.9	2945.1	2552.1	2373.7	1961.7	1239.7	571.4	245.9	152.4
17.5°	3772.7	3748.4	3701.7	3629.0	3379.7	3168.4	2837.7	1947.8	924.6	318.6	159.3
20°	4276.5	4259.2	4221.1	4207.3	4046.2	3933.7	3660.1	2761.6	1440.5	432.8	169.7
22.5°	4969.1	4932.7	4948.3	4865.2	4707.6	4572.6	4404.6	3613.4	2070.7	623.3	188.7
25°	5817.5	5800.1	5756.9	5698.0	5479.8	5362.1	5104.1	4416.8	2775.4	872.6	209.5
27.5°	6842.4	6823.4	6813.0	6678.0	6426.9	6298.8	5938.6	5175.1	3568.4	1222.4	237.2
30°	8023.2	8031.9	7964.4	7791.2	7498.6	7318.6	6948.0	5969.8	4380.4	1632.7	266.6
32.5°	9245.6	9228.3	9124.4	8920.1	8658.7	8490.7	8019.8	6840.7	5232.2	2174.6	301.3
35°	10563.2	10530.3	10256.7	10023.0	9799.6	9588.4	9159.0	7851.8	6084.1	2782.3	348.0
37.5°	11892.9	11738.8	11189.9	10893.9	10739.8	10566.6	10166.7	8930.5	6930.7	3461.0	405.1
40°	12897.1	12777.6	12126.6	11581.2	11458.3	11311.1	11013.3	9862.0	7831.1	4190.0	474.4
42.5°	13452.9	13387.1	12801.9	12263.4	11974.3	11844.4	11589.9	10675.7	8721.0	4995.0	574.8
45°	13690.1	13587.9	13196.6	12945.6	12485.0	12270.3	11967.3	11290.4	9650.7	5909.2	715.1
47.5°	13617.3	13558.5	13278.0	13369.8	13035.6	12701.4	12256.5	11761.3	10445.4	6958.4	907.2
50°	13160.3	13110.0	13023.5	13520.4	13478.8	13084.1	12630.5	12133.5	11094.7	8040.6	1205.0
52.5°	12291.1	12270.3	12491.9	13402.6	13729.9	13421.7	12990.6	12462.5	11700.7	9171.1	1631.0
55°	11170.9	11255.7	11889.4	13219.1	13858.0	13671.0	13309.2	12770.7	12187.2	10182.3	2259.5
57.5°	10710.3	10732.9	11524.1	13089.3	13915.1	13890.9	13619.1	13065.0	12633.9	10990.8	3218.6
60°	11248.8	11214.2	11631.4	13188.0	14029.4	14088.3	13894.4	13338.6	13021.7	11685.1	4496.4
62.5°	12221.8	12202.8	12336.1	13608.7	14363.6	14483.0	14277.0	13536.0	13364.6	12142.2	5954.2
65°	13091.0	13051.2	13298.8	14354.9	14950.5	15035.3	14855.3	13873.6	13515.2	12474.6	7323.8
67.5°	13466.7	13458.1	13856.3	15064.8	15566.9	15658.6	15501.1	14339.3	13480.6	12580.2	7928.0
70°	13295.3	13262.4	13899.6	15366.0	15914.9	16018.8	15866.4	14512.5	13104.9	12246.1	7032.9
71°	13106.6	13018.3	13769.7	15345.3	15963.4	16051.7	15785.0	14354.9	12727.4	11771.7	6220.9
72.5°	12521.4	12537.0	13413.0	15128.8	15847.4	15821.4	15324.5	13790.5	12272.1	10694.8	4996.8
75°	11080.9	11172.6	12258.2	14219.9	14812.0	14481.3	13721.2	12711.8	11357.9	7668.3	3469.7
77.5°	9055.1	9191.9	10384.8	12471.2	12303.2	12270.3	12239.2	11200.3	9699.2	4119.0	2413.6
80°	4323.3	4619.3	6264.2	8902.8	9671.5	10043.8	9810.0	9025.7	7500.4	1961.7	1442.2
82.5°	282.2	278.8	394.8	748.0	3152.9	4075.7	6475.4	6451.1	5228.8	955.7	588.7
85°	133.3	136.8	150.6	171.4	199.1	218.2	301.3	1766.0	2501.9	455.4	128.1
87.5°	77.9	79.6	93.5	119.5	155.8	173.1	206.0	264.9	325.5	251.1	27.7
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-SA5C-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2
2.5°	142.0	140.2	135.0	129.9	124.7	121.2	119.5	121.2	121.2	122.9	122.9
5°	142.0	136.8	128.1	117.7	110.8	103.9	100.4	98.7	100.4	100.4	100.4
7.5°	140.2	131.6	119.5	107.3	98.7	90.0	86.6	84.8	84.8	86.6	86.6
10°	136.8	128.1	112.5	98.7	88.3	77.9	72.7	67.5	67.5	67.5	69.3
12.5°	135.0	122.9	103.9	90.0	76.2	64.1	53.7	48.5	50.2	50.2	50.2
15°	131.6	117.7	98.7	81.4	64.1	48.5	39.8	34.6	36.4	38.1	36.4
17.5°	131.6	116.0	91.8	71.0	50.2	36.4	29.4	26.0	26.0	27.7	27.7
20°	131.6	112.5	86.6	60.6	38.1	27.7	20.8	19.0	19.0	22.5	24.2
22.5°	135.0	112.5	79.6	50.2	31.2	20.8	15.6	13.9	15.6	19.0	20.8
25°	140.2	110.8	72.7	45.0	26.0	15.6	12.1	8.7	10.4	13.9	15.6
27.5°	145.4	109.1	65.8	39.8	20.8	12.1	8.7	6.9	5.2	6.9	6.9
30°	150.6	109.1	58.9	32.9	17.3	8.7	5.2	3.5	1.7	0.0	0.0
32.5°	154.1	105.6	53.7	26.0	13.9	6.9	3.5	1.7	0.0	0.0	0.0
35°	157.6	102.2	46.7	20.8	10.4	5.2	1.7	0.0	0.0	0.0	0.0
37.5°	161.0	97.0	39.8	17.3	8.7	3.5	0.0	0.0	0.0	0.0	0.0
40°	164.5	90.0	32.9	15.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	167.9	84.8	27.7	12.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	176.6	81.4	22.5	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	192.2	77.9	20.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	214.7	74.4	19.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	245.9	72.7	17.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	301.3	71.0	15.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	396.5	69.3	15.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	607.7	65.8	15.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1085.6	64.1	13.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1892.4	65.8	13.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2713.1	69.3	12.1	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	2321.8	60.6	12.1	6.9	3.5	1.7	0.0	0.0	0.0	0.0	0.0
71°	*1892.4*	*53.7*	*12.1*	*6.9*	*3.5*	*1.7*	*1.7*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1217.2	41.6	10.4	6.9	3.5	3.5	1.7	0.0	0.0	0.0	0.0
75°	514.2	34.6	10.4	6.9	5.2	3.5	3.5	1.7	0.0	0.0	0.0
77.5°	219.9	26.0	10.4	8.7	6.9	5.2	5.2	3.5	1.7	0.0	0.0
80°	83.1	20.8	12.1	10.4	8.7	8.7	6.9	3.5	1.7	0.0	0.0
82.5°	38.1	17.3	12.1	10.4	10.4	8.7	6.9	5.2	3.5	0.0	0.0
85°	24.2	15.6	12.1	10.4	10.4	8.7	8.7	5.2	3.5	0.0	0.0
87.5°	19.0	15.6	12.1	12.1	10.4	10.4	6.9	5.2	1.7	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

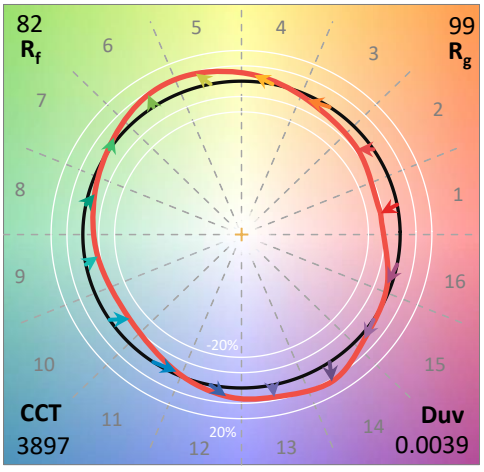
Test Information

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

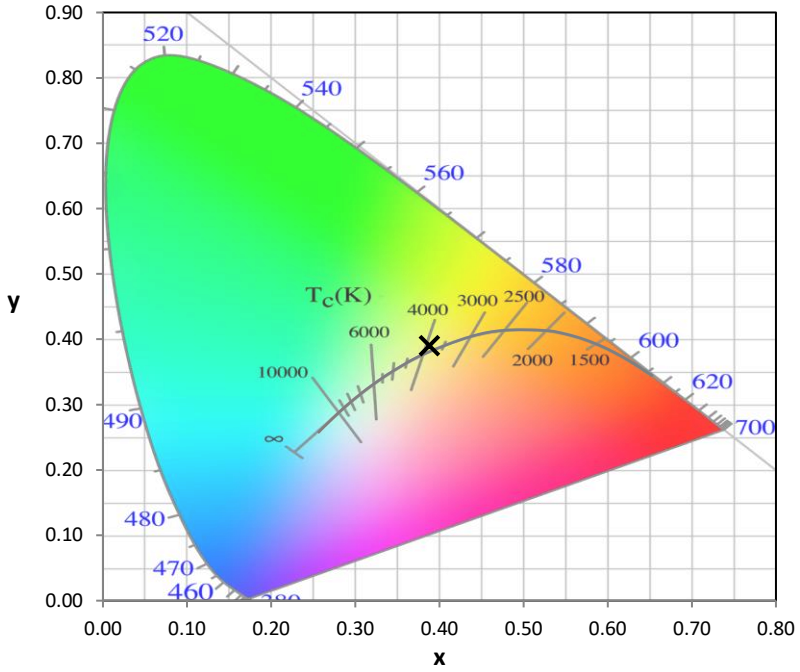
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

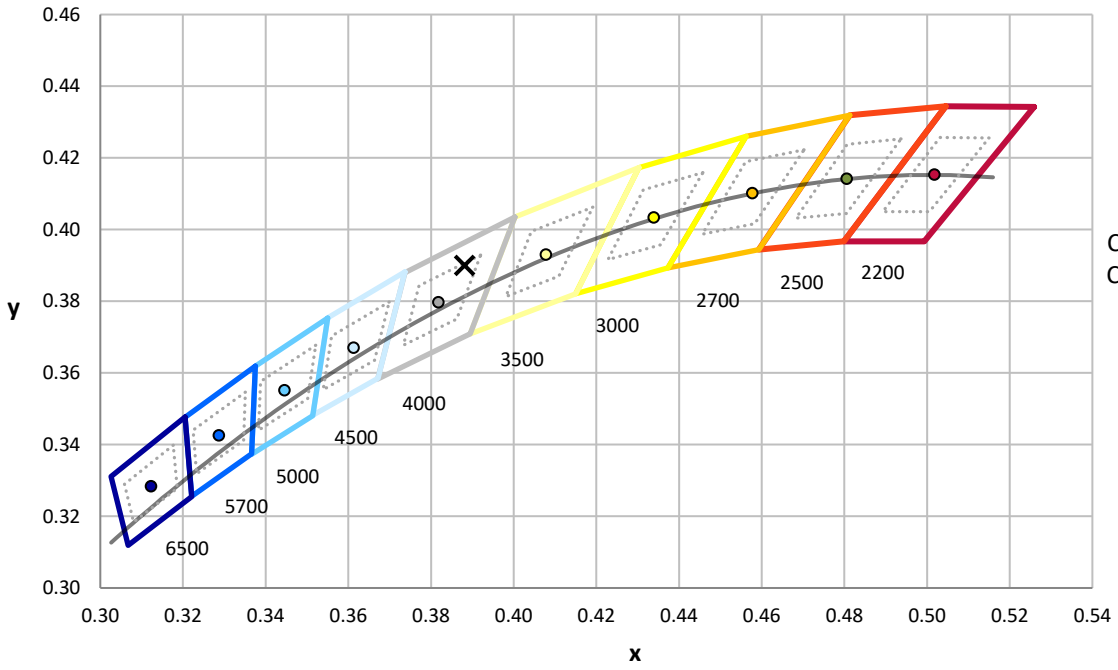
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

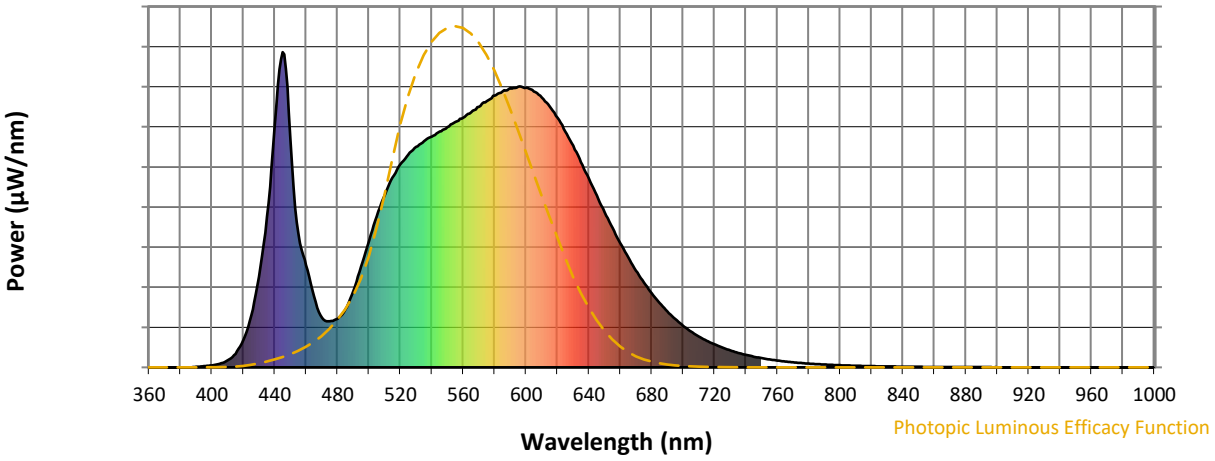


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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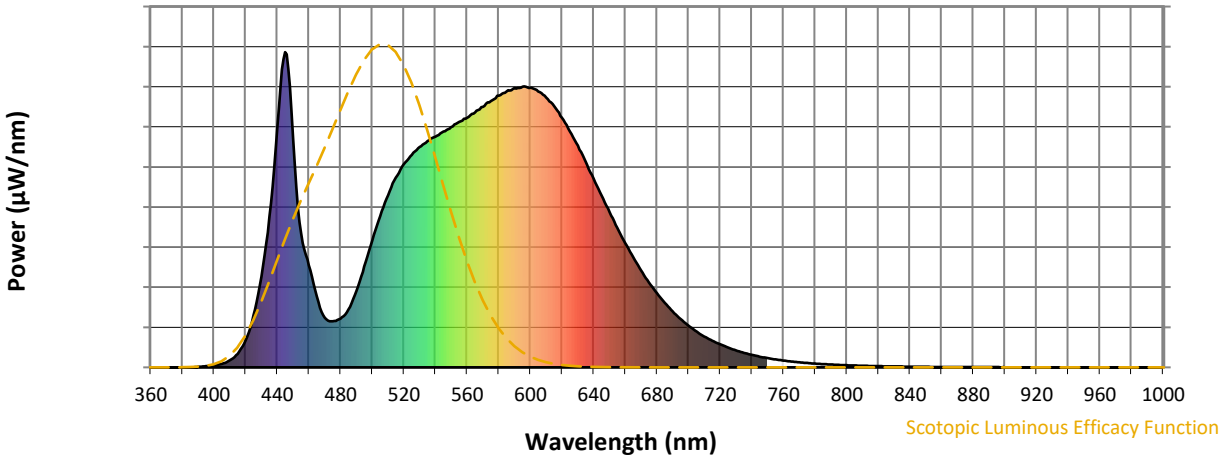
Scotopic Flux vs. Wavelength



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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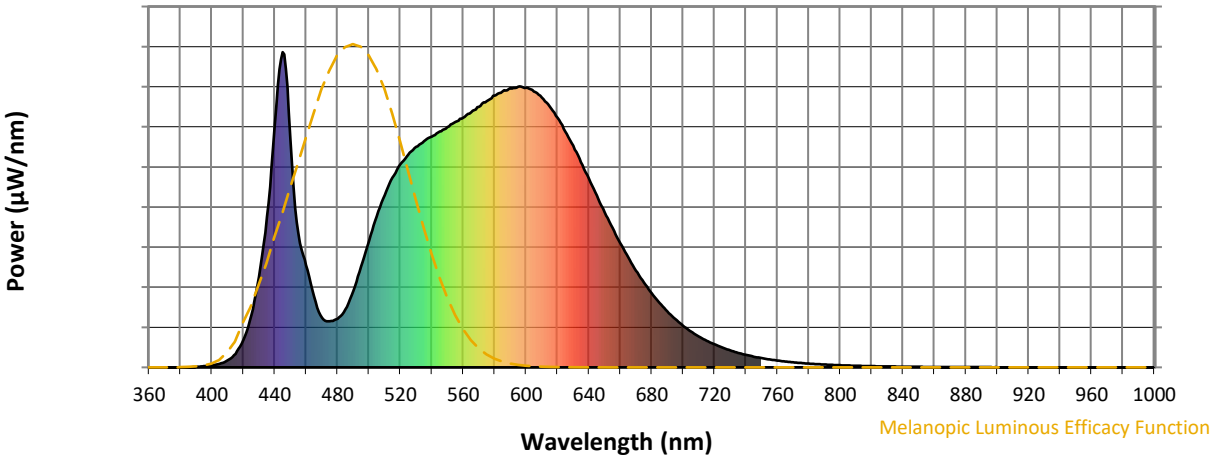
Melanopic Flux vs. Wavelength



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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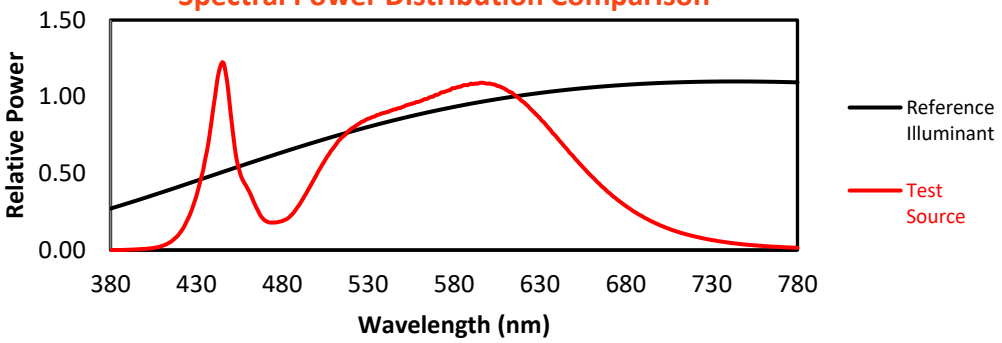
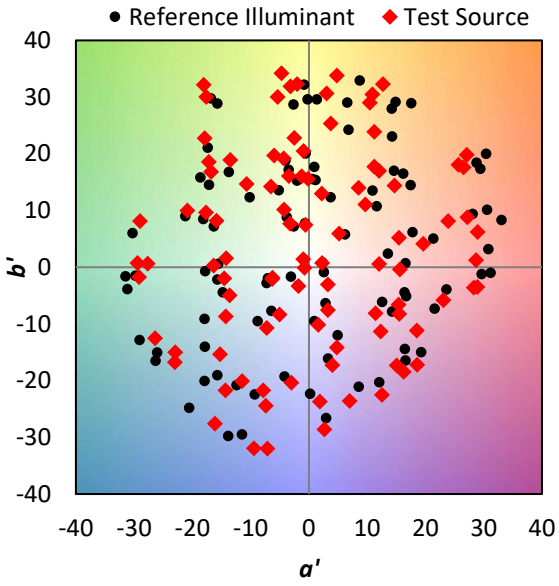
Summary

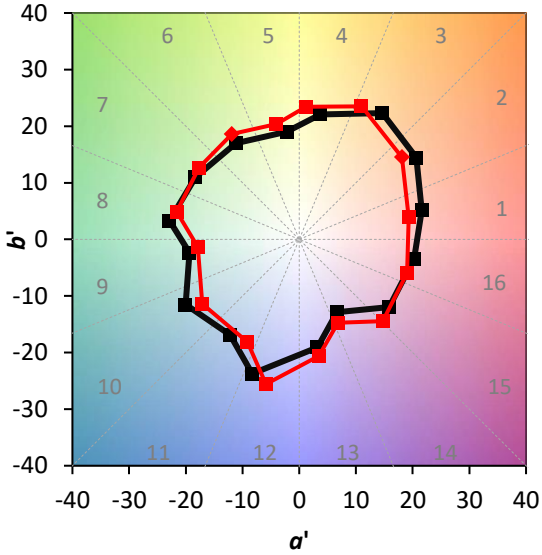
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

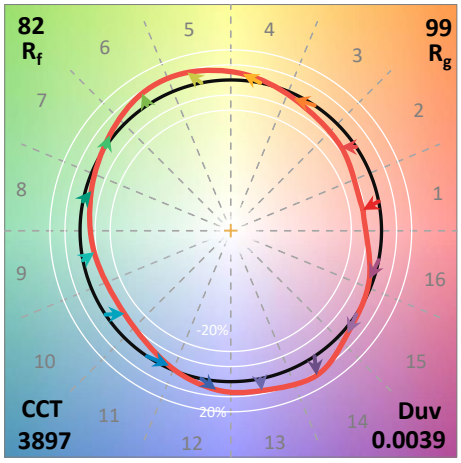
Spectral Power Distribution Comparison

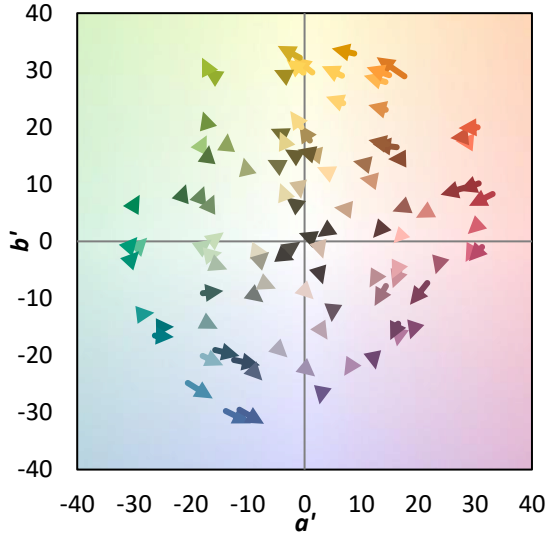


Color Vector Graphics









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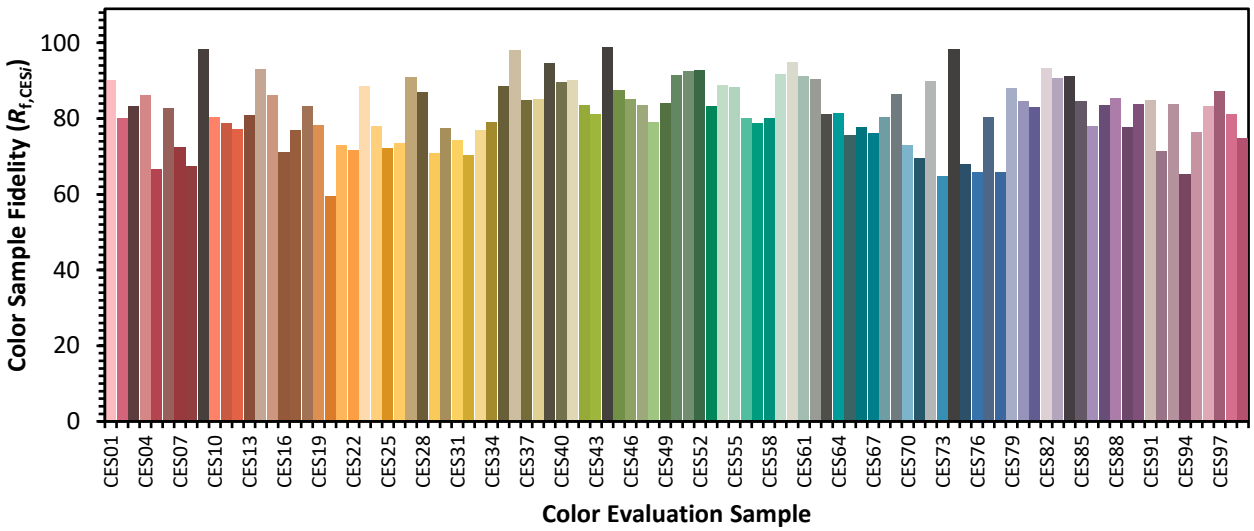
Individual Sample Fidelity Index ($R_{f,i}$)

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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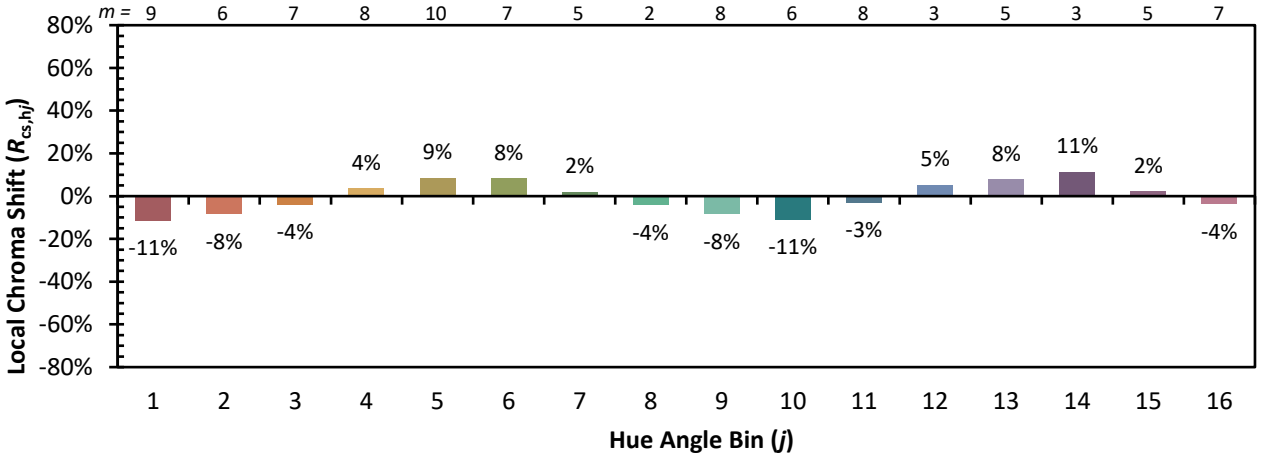
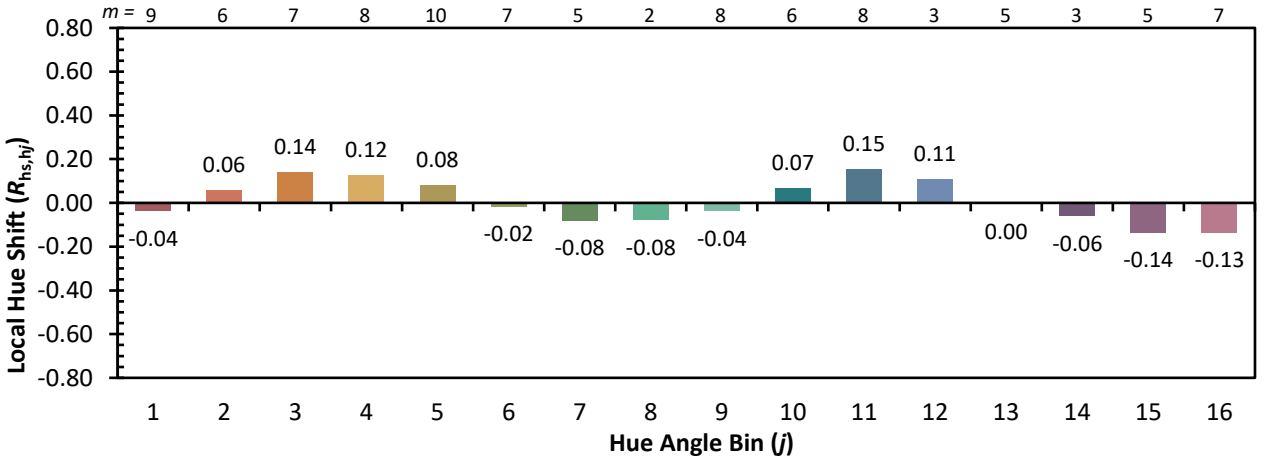
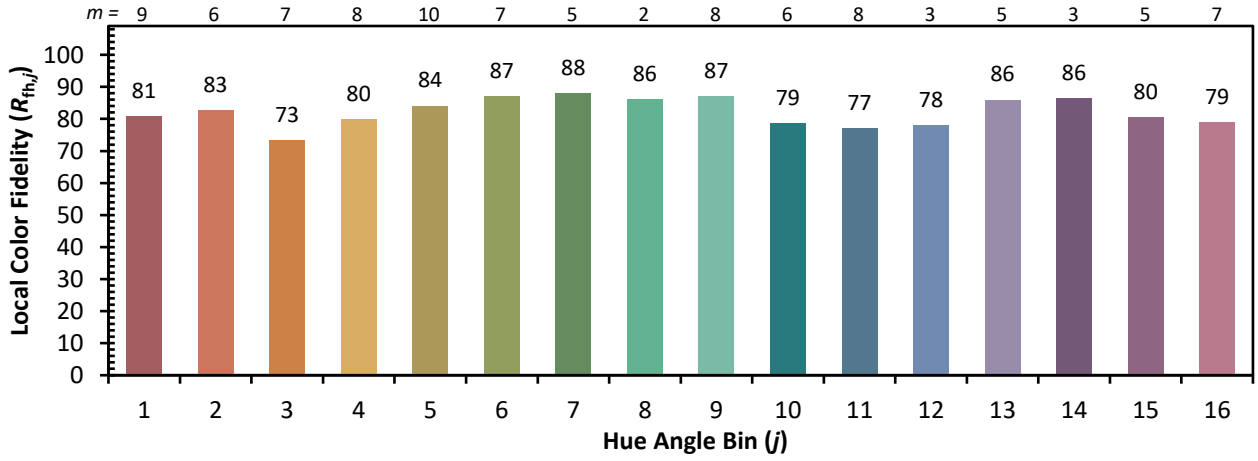
Color Rendition by Hue-Angle Bin







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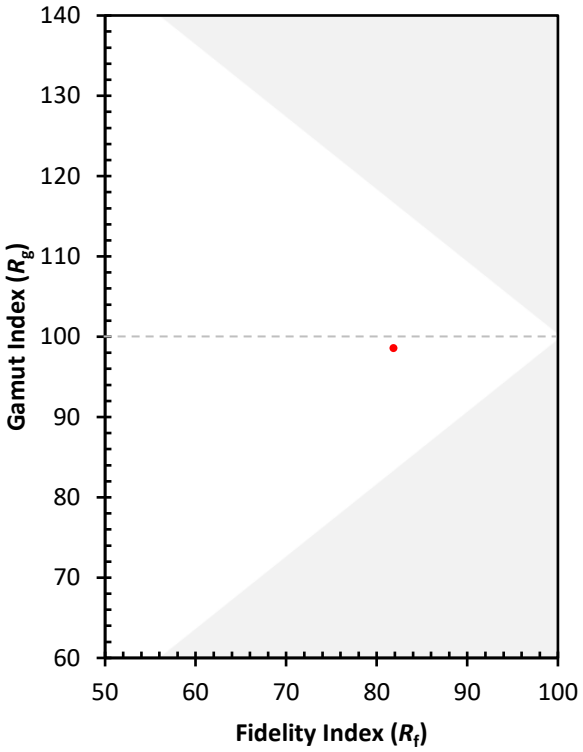
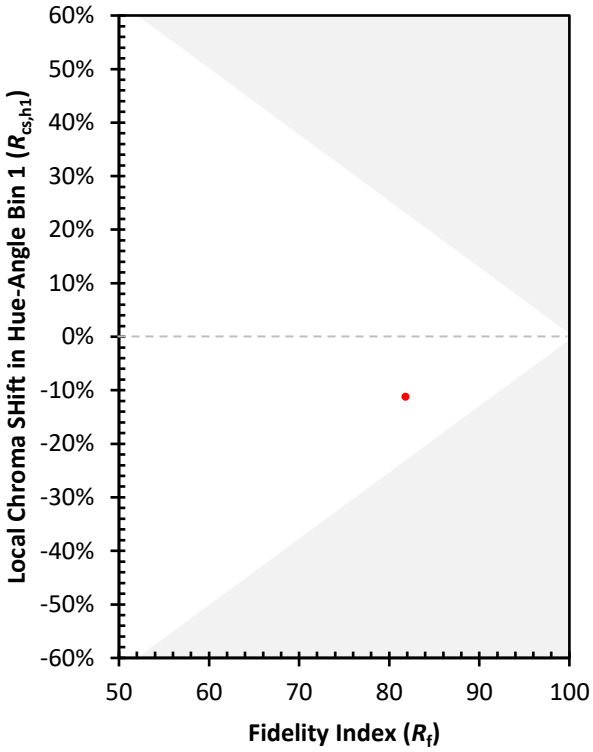
Measure Comparisons





(END OF REPORT)