

Signify Classified - Internal
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: P1048618

Luminaire Tested: **GALN-SA6B-840-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048618
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-840-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24655.4 lumens
Efficiency: N/A
Efficacy: 115.3 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): 213.8
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

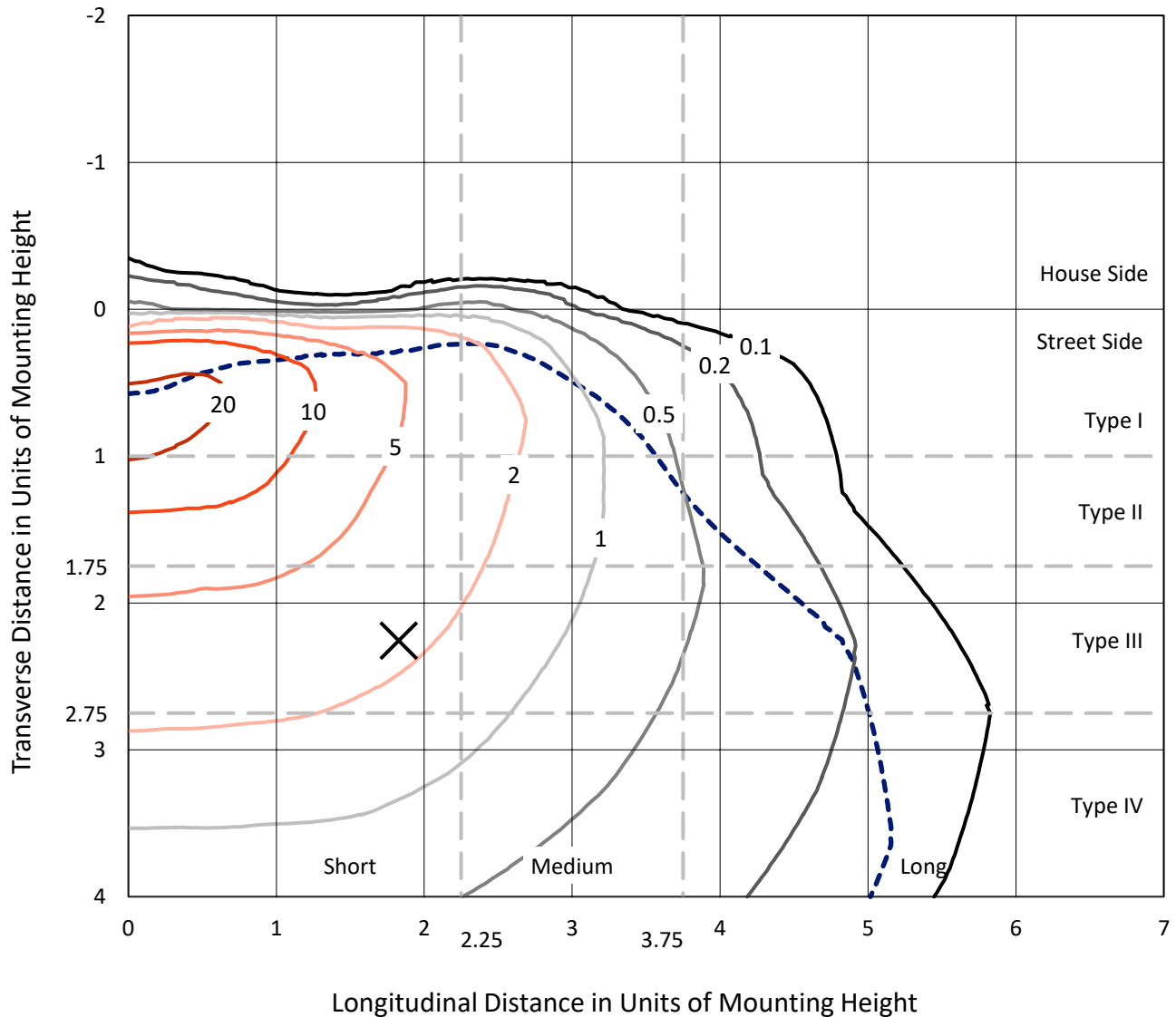


REPORT NUMBER: P1048618

CATALOG NUMBER: GALN-SA6B-840-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

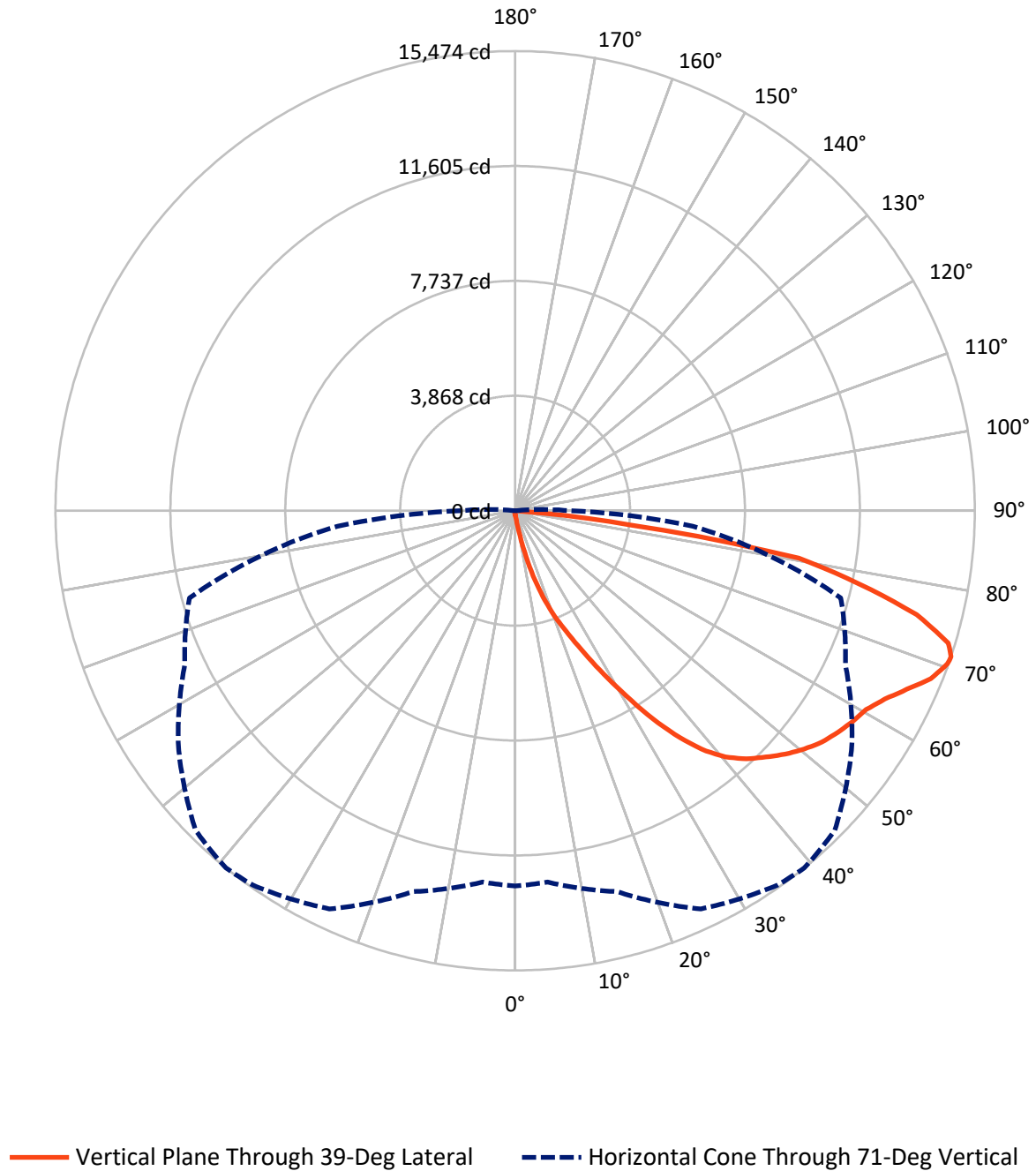


Based on 15 foot mounting height. Maximum calculated value = 25.4 fc
Type IV - Short - N/A

REPORT NUMBER: P1048618

CATALOG NUMBER: GALN-SA6B-840-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048618

CATALOG NUMBER: GALN-SA6B-840-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.6	0.0	87.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24567.8	0.0	24567.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	24655.4	0.0	24655.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	0.1
10°-20°	263.5	1.1
20°-30°	938.4	3.8
30°-40°	2261.7	9.2
40°-50°	3785.2	15.4
50°-60°	4861.6	19.7
60°-70°	6152.4	25.0
70°-80°	5485.1	22.2
80°-90°	886.6	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°	24655.4	100.0
0°-180°	24655.4	100.0



REPORT NUMBER: P1048618

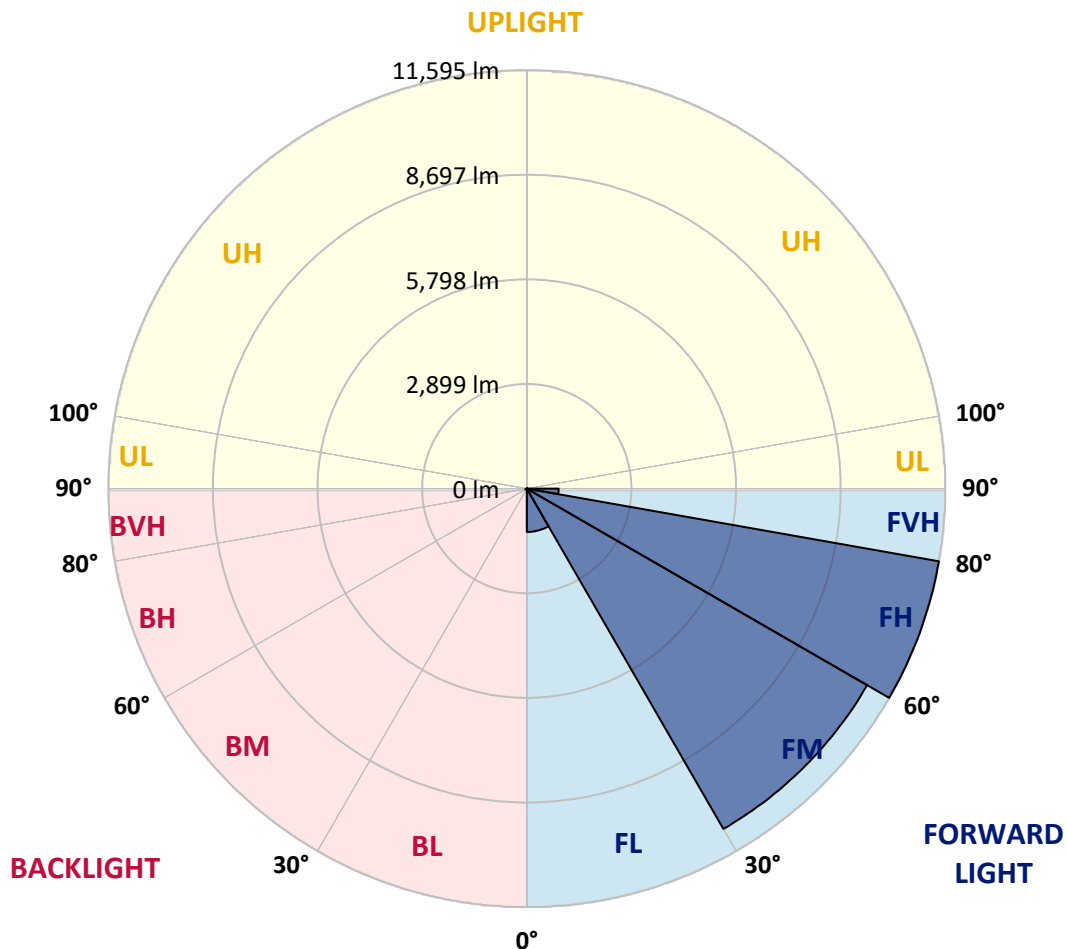
CATALOG NUMBER: GALN-SA6B-840-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1201.4	4.9			
FM	(30°-60°)	10888.3	44.2			
FH	(60°-80°)	11595.5	47.0			G4/12000
FVH	(80°-90°)	882.6	3.6			G5
BL	(0°-30°)	21.2	0.1	B0/110		
BM	(30°-60°)	20.3	0.1	B0/220		
BH	(60°-80°)	42.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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



REPORT NUMBER: P1048618

CATALOG NUMBER: GALN-SA6B-840-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2
2.5°	155.2	155.2	155.2	150.2	150.2	148.5	146.9	146.9	143.5	141.9	138.5
5°	235.3	230.3	218.6	212.0	198.6	190.3	181.9	170.2	158.6	150.2	140.2
7.5°	532.4	544.1	505.7	433.9	360.5	328.8	275.4	222.0	183.6	158.6	141.9
10°	1356.9	1350.3	1220.1	1076.5	831.2	732.7	574.1	362.2	237.0	173.6	143.5
12.5°	2308.3	2301.6	2148.1	1952.8	1629.0	1423.7	1123.3	676.0	340.5	196.9	143.5
15°	3107.7	3081.0	3032.6	2839.0	2460.2	2288.3	1891.0	1195.0	550.8	237.0	146.9
17.5°	3636.8	3613.5	3568.4	3498.3	3258.0	3054.3	2735.6	1877.7	891.3	307.1	153.6
20°	4122.5	4105.8	4069.1	4055.8	3900.5	3792.1	3528.3	2662.1	1388.6	417.3	163.6
22.5°	4790.1	4755.1	4770.1	4690.0	4538.1	4407.9	4246.0	3483.3	1996.2	600.9	181.9
25°	5608.0	5591.3	5549.6	5492.8	5282.5	5169.0	4920.3	4257.7	2675.5	841.2	202.0
27.5°	6596.0	6577.7	6567.7	6437.5	6195.5	6072.0	5724.8	4988.8	3439.9	1178.3	228.7
30°	7734.3	7742.7	7677.6	7510.7	7228.6	7055.0	6697.9	5754.8	4222.7	1573.9	257.0
32.5°	8912.7	8896.0	8795.8	8598.9	8346.9	8185.0	7731.0	6594.4	5043.8	2096.3	290.4
35°	10182.8	10151.1	9887.4	9662.1	9446.8	9243.1	8829.2	7569.1	5865.0	2682.1	335.5
37.5°	11464.6	11316.1	10787.0	10501.6	10353.0	10186.1	9800.6	8608.9	6681.2	3336.4	390.6
40°	12432.7	12317.5	11689.9	11164.2	11045.7	10903.8	10616.8	9506.8	7549.1	4039.1	457.3
42.5°	12968.4	12905.0	12340.9	11821.8	11543.1	11417.9	11172.5	10291.3	8406.9	4815.2	554.1
45°	13197.1	13098.6	12721.4	12479.4	12035.4	11828.5	11536.4	10883.8	9303.2	5696.4	689.3
47.5°	13127.0	13070.2	12799.9	12888.3	12566.2	12244.1	11815.1	11337.8	10069.3	6707.9	874.6
50°	12686.4	12638.0	12554.5	13033.5	12993.5	12612.9	12175.6	11696.6	10695.2	7751.0	1161.7
52.5°	11848.5	11828.5	12042.1	12920.0	13235.5	12938.4	12522.8	12013.7	11279.4	8840.9	1572.2
55°	10768.6	10850.4	11461.3	12743.1	13359.0	13178.7	12829.9	12310.8	11748.4	9815.6	2178.1
57.5°	10324.7	10346.4	11109.1	12617.9	13414.1	13390.7	13128.7	12594.6	12179.0	10595.1	3102.7
60°	10843.7	10810.4	11212.6	12713.1	13524.2	13581.0	13394.0	12858.3	12552.8	11264.3	4334.5
62.5°	11781.7	11763.4	11891.9	13118.6	13846.3	13961.5	13762.9	13048.5	12883.3	11705.0	5739.8
65°	12619.6	12581.2	12819.9	13838.0	14412.1	14493.9	14320.3	13374.0	13028.5	12025.4	7060.0
67.5°	12981.8	12973.4	13357.3	14522.3	15006.3	15094.8	14942.9	13823.0	12995.1	12127.2	7642.5
70°	12816.5	12784.8	13399.0	14812.7	15341.8	15441.9	15295.1	13989.9	12633.0	11805.1	6779.6
71°	12634.6	12549.5	13273.9	14792.7	15388.5	15473.7	15216.6	13838.0	12269.1	11347.8	5996.9
72.5°	12070.5	12085.5	12930.0	14584.1	15276.7	15251.7	14772.7	13293.9	11830.1	10309.6	4816.8
75°	10681.8	10770.3	11816.8	13707.8	14278.6	13959.8	13227.1	12254.1	10948.9	7392.2	3344.8
77.5°	8729.1	8860.9	10010.9	12022.1	11860.2	11828.5	11798.4	10797.0	9350.0	3970.6	2326.6
80°	4167.6	4453.0	6038.6	8582.2	9323.2	9682.1	9456.8	8700.7	7230.3	1891.0	1390.3
82.5°	272.1	268.7	380.5	721.0	3039.3	3928.9	6242.2	6218.8	5040.5	921.3	567.5
85°	128.5	131.9	145.2	165.2	191.9	210.3	290.4	1702.4	2411.8	439.0	123.5
87.5°	75.1	76.8	90.1	115.2	150.2	166.9	198.6	255.4	313.8	242.0	26.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048618

CATALOG NUMBER: GALN-SA6B-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2	135.2
2.5°	136.9	135.2	130.2	125.2	120.2	116.8	115.2	116.8	116.8	118.5	118.5
5°	136.9	131.9	123.5	113.5	106.8	100.1	96.8	95.1	96.8	96.8	96.8
7.5°	135.2	126.8	115.2	103.5	95.1	86.8	83.5	81.8	81.8	83.5	83.5
10°	131.9	123.5	108.5	95.1	85.1	75.1	70.1	65.1	65.1	65.1	66.8
12.5°	130.2	118.5	100.1	86.8	73.4	61.8	51.7	46.7	48.4	48.4	48.4
15°	126.8	113.5	95.1	78.4	61.8	46.7	38.4	33.4	35.0	36.7	35.0
17.5°	126.8	111.8	88.5	68.4	48.4	35.0	28.4	25.0	25.0	26.7	26.7
20°	126.8	108.5	83.5	58.4	36.7	26.7	20.0	18.4	18.4	21.7	23.4
22.5°	130.2	108.5	76.8	48.4	30.0	20.0	15.0	13.4	15.0	18.4	20.0
25°	135.2	106.8	70.1	43.4	25.0	15.0	11.7	8.3	10.0	13.4	15.0
27.5°	140.2	105.1	63.4	38.4	20.0	11.7	8.3	6.7	5.0	6.7	6.7
30°	145.2	105.1	56.7	31.7	16.7	8.3	5.0	3.3	1.7	0.0	0.0
32.5°	148.5	101.8	51.7	25.0	13.4	6.7	3.3	1.7	0.0	0.0	0.0
35°	151.9	98.5	45.1	20.0	10.0	5.0	1.7	0.0	0.0	0.0	0.0
37.5°	155.2	93.5	38.4	16.7	8.3	3.3	0.0	0.0	0.0	0.0	0.0
40°	158.6	86.8	31.7	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	161.9	81.8	26.7	11.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	170.2	78.4	21.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	185.3	75.1	20.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	207.0	71.8	18.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	237.0	70.1	16.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	290.4	68.4	15.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	382.2	66.8	15.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	585.8	63.4	15.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1046.5	61.8	13.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1824.3	63.4	13.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2615.4	66.8	11.7	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	2238.2	58.4	11.7	6.7	3.3	1.7	0.0	0.0	0.0	0.0	0.0
71°	1824.3	51.7	11.7	6.7	3.3	1.7	1.7	0.0	0.0	0.0	0.0
72.5°	1173.3	40.1	10.0	6.7	3.3	3.3	1.7	0.0	0.0	0.0	0.0
75°	495.7	33.4	10.0	6.7	5.0	3.3	3.3	1.7	0.0	0.0	0.0
77.5°	212.0	25.0	10.0	8.3	6.7	5.0	5.0	3.3	1.7	0.0	0.0
80°	80.1	20.0	11.7	10.0	8.3	8.3	6.7	3.3	1.7	0.0	0.0
82.5°	36.7	16.7	11.7	10.0	10.0	8.3	6.7	5.0	3.3	0.0	0.0
85°	23.4	15.0	11.7	10.0	10.0	8.3	8.3	5.0	3.3	0.0	0.0
87.5°	18.4	15.0	11.7	11.7	10.0	10.0	6.7	5.0	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

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

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
 R_f: 81.8
 R_g: 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

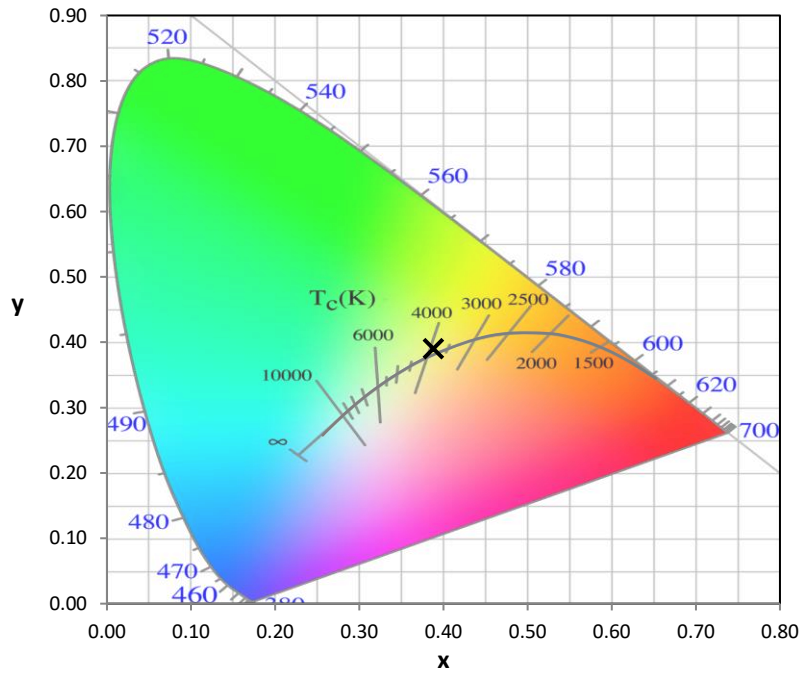
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

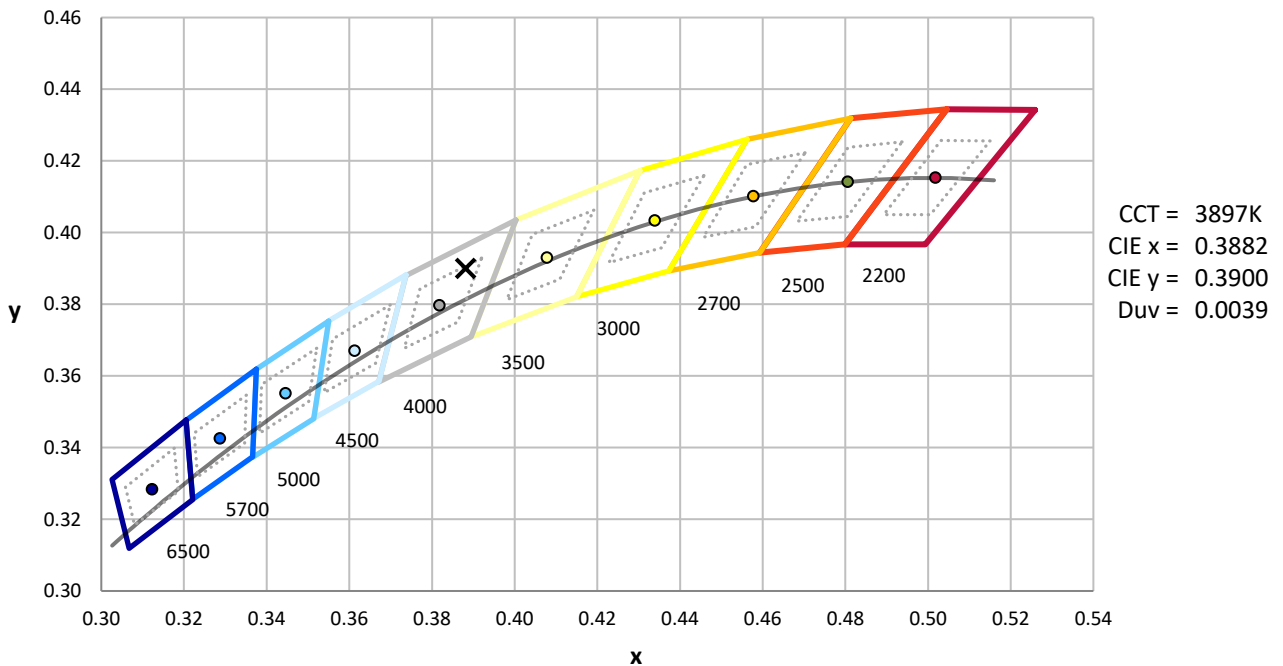
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

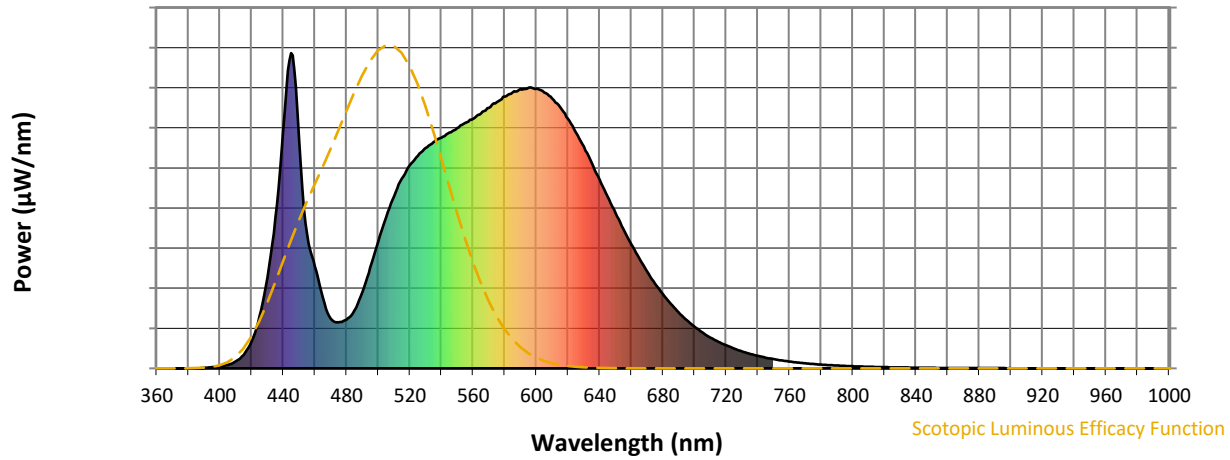


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-11

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			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

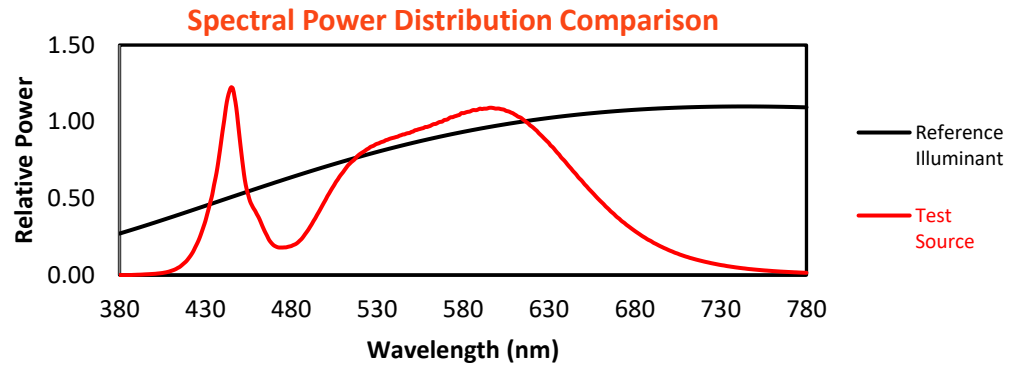
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	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			

REPORT NUMBER: SP1-2407-184-11

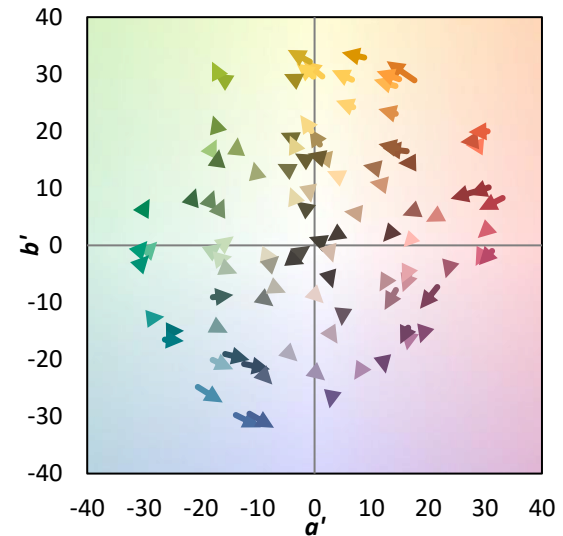
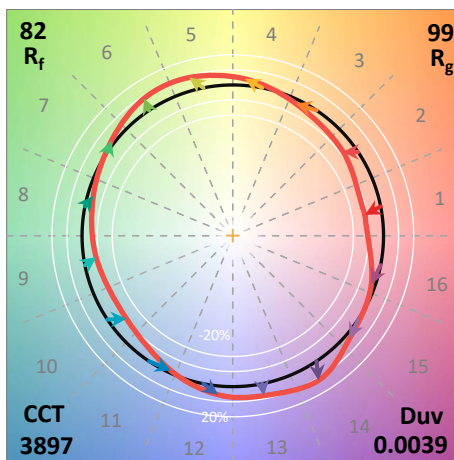
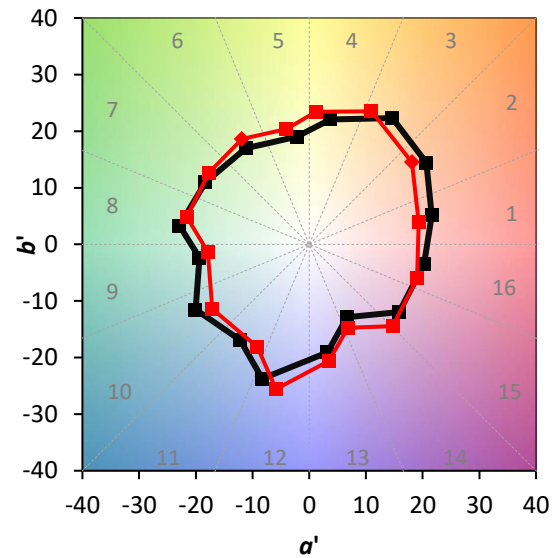
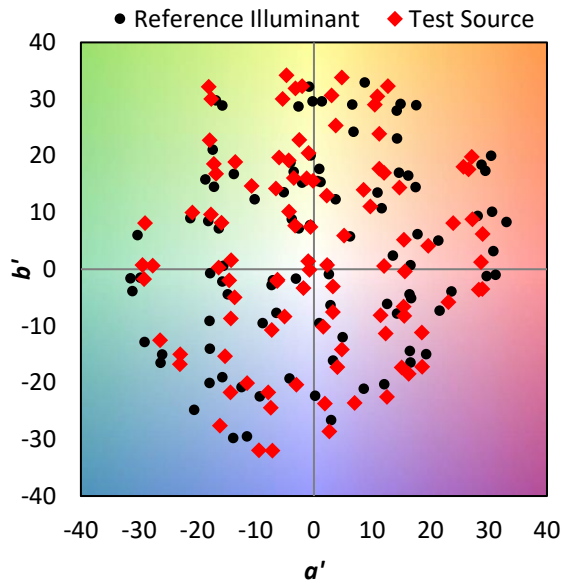
TM-30-18

Summary

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

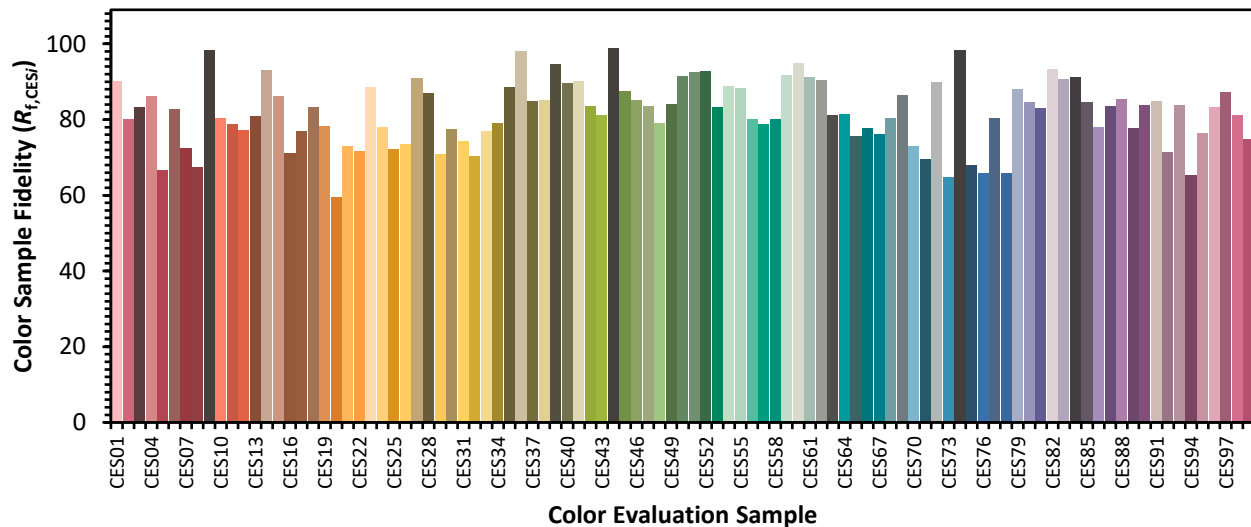


Color Vector Graphics

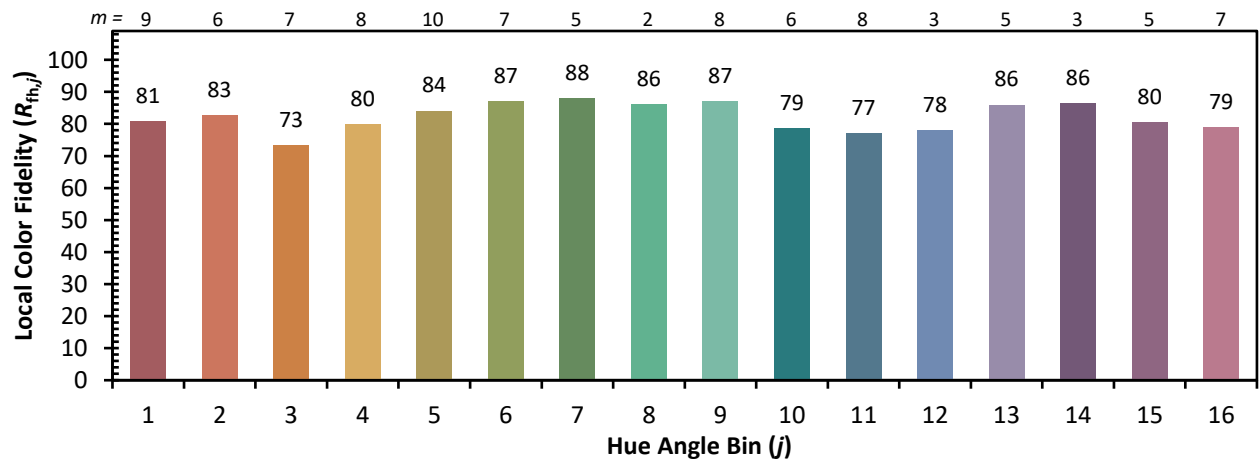
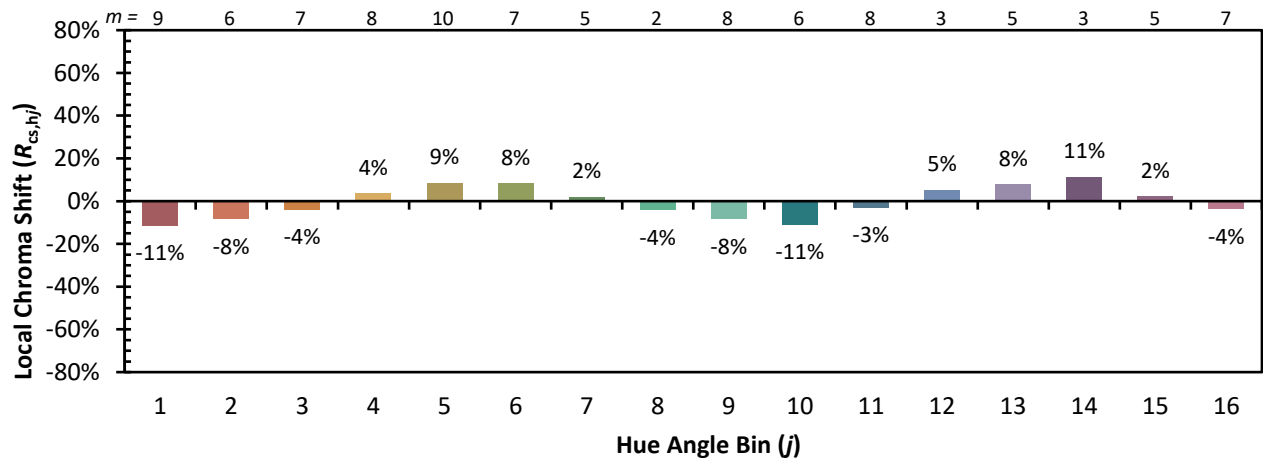


Individual Sample Fidelity Index ($R_{f,i}$)

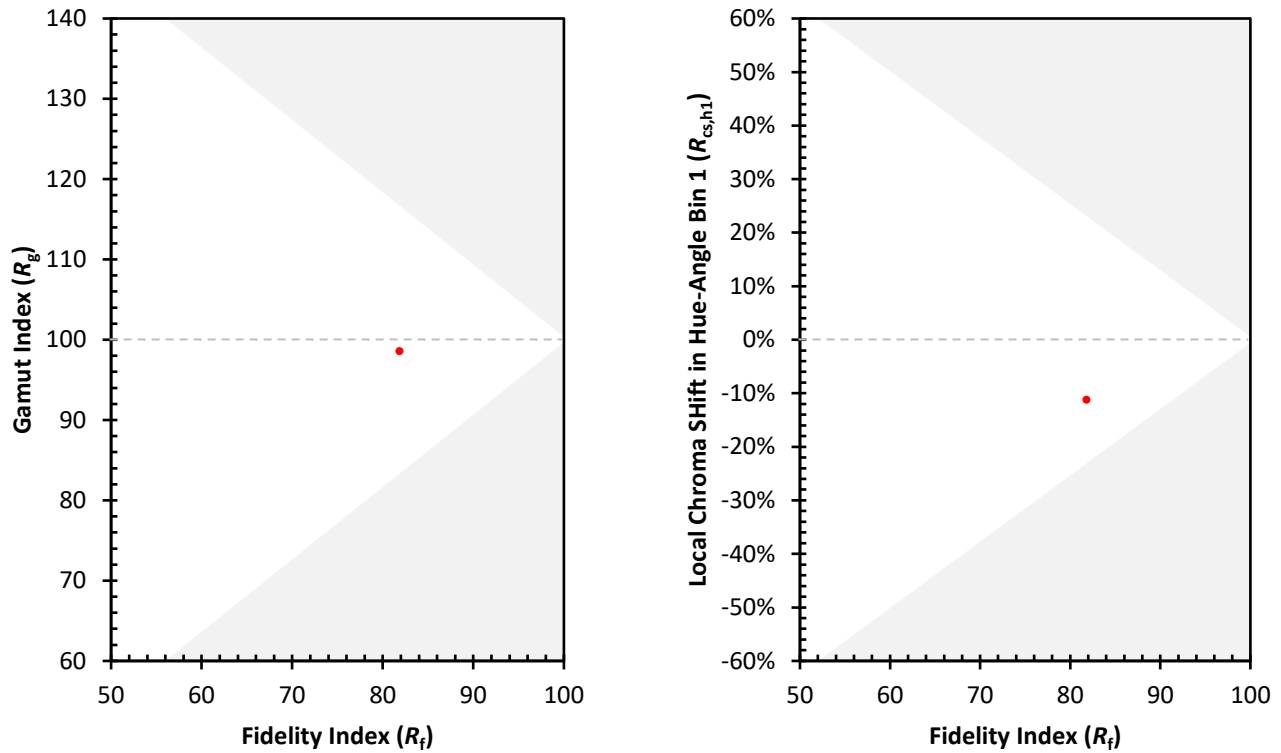
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)