

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: P1048606

Luminaire Tested: **GALN-SA3B-840-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048606
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-840-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12990 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

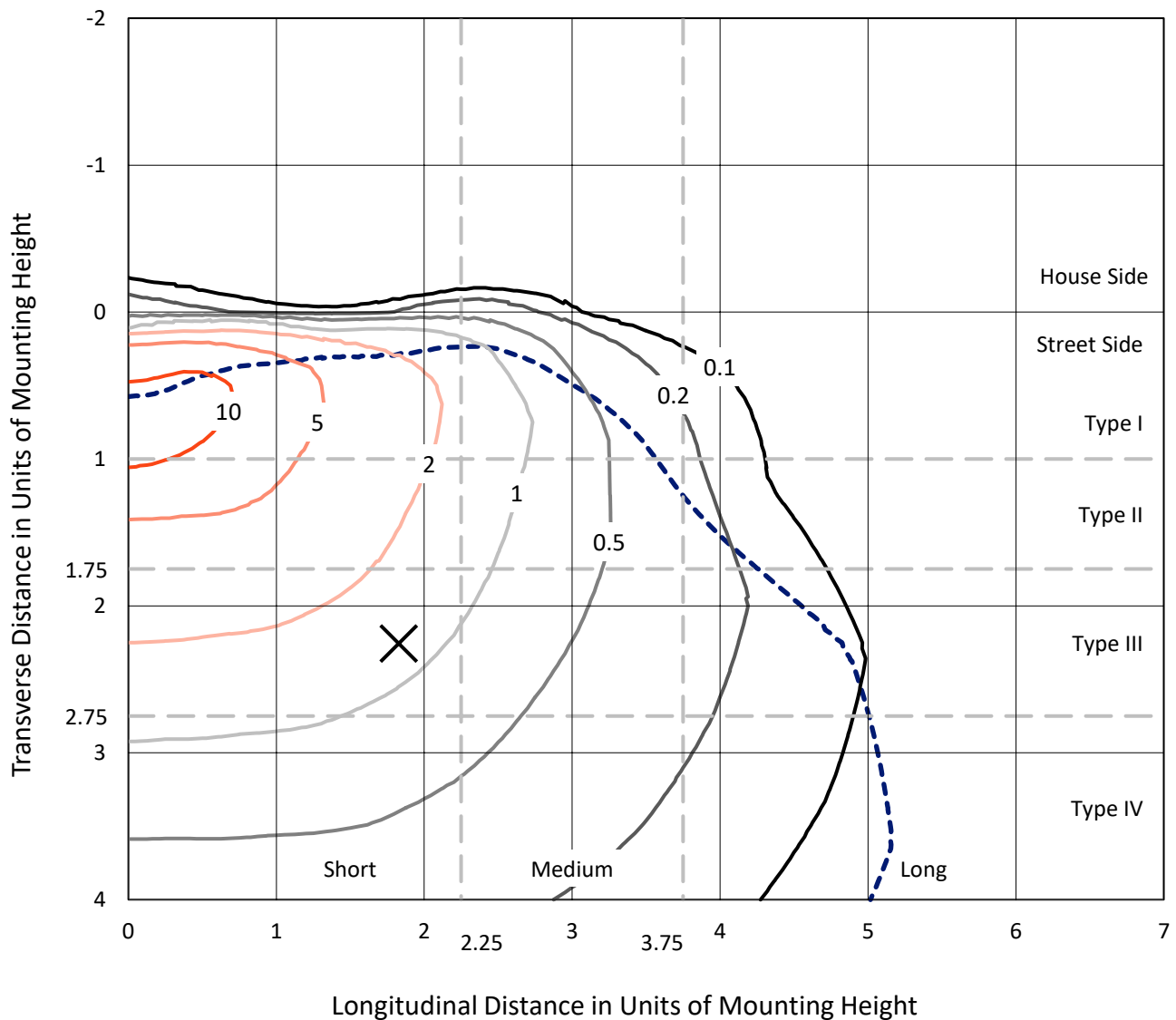


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

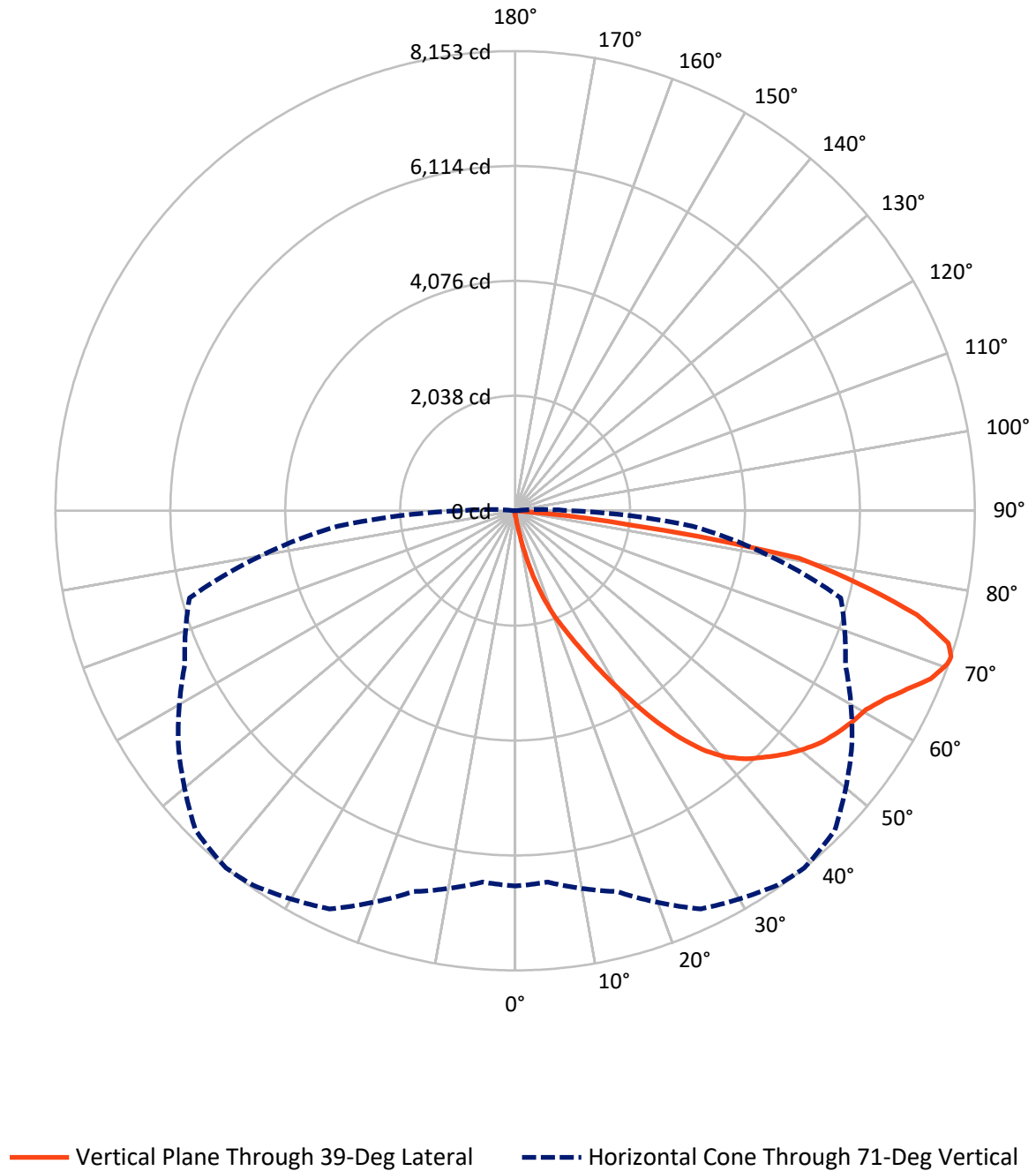


Based on 15 foot mounting height. Maximum calculated value = 13.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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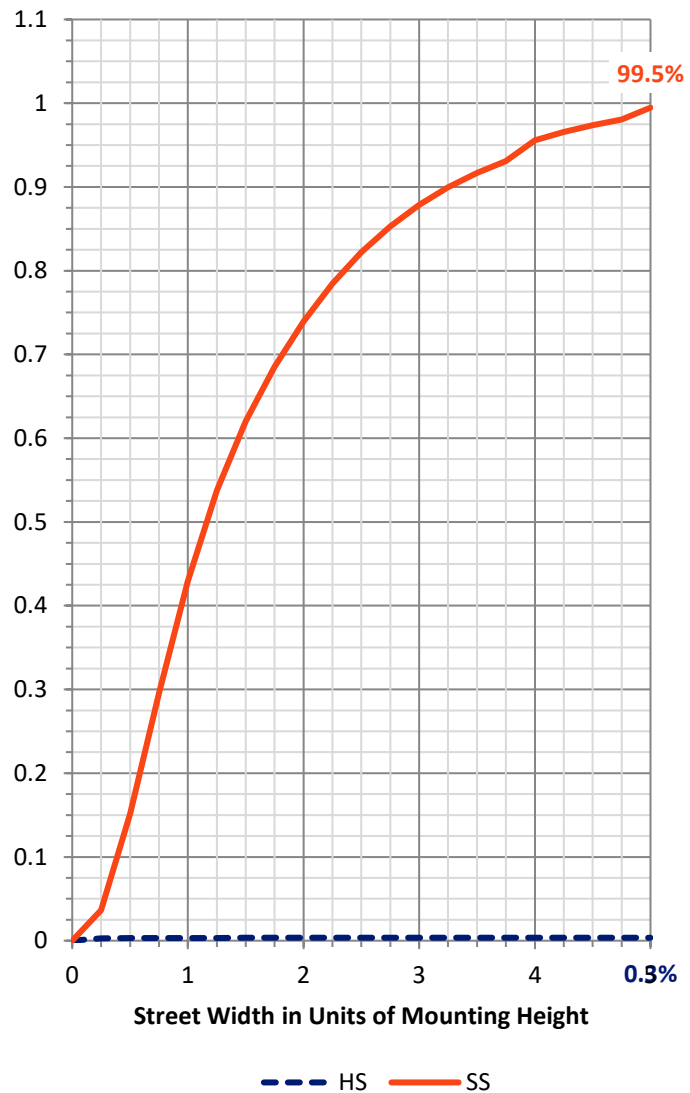
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.2	0.0	46.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12943.9	0.0	12943.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	12990.0	0.0	12990.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	0.1
10°-20°	138.8	1.1
20°-30°	494.4	3.8
30°-40°	1191.6	9.2
40°-50°	1994.3	15.4
50°-60°	2561.4	19.7
60°-70°	3241.5	25.0
70°-80°	2889.9	22.2
80°-90°	467.1	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°	12990.0	100.0
0°-180°	12990.0	100.0



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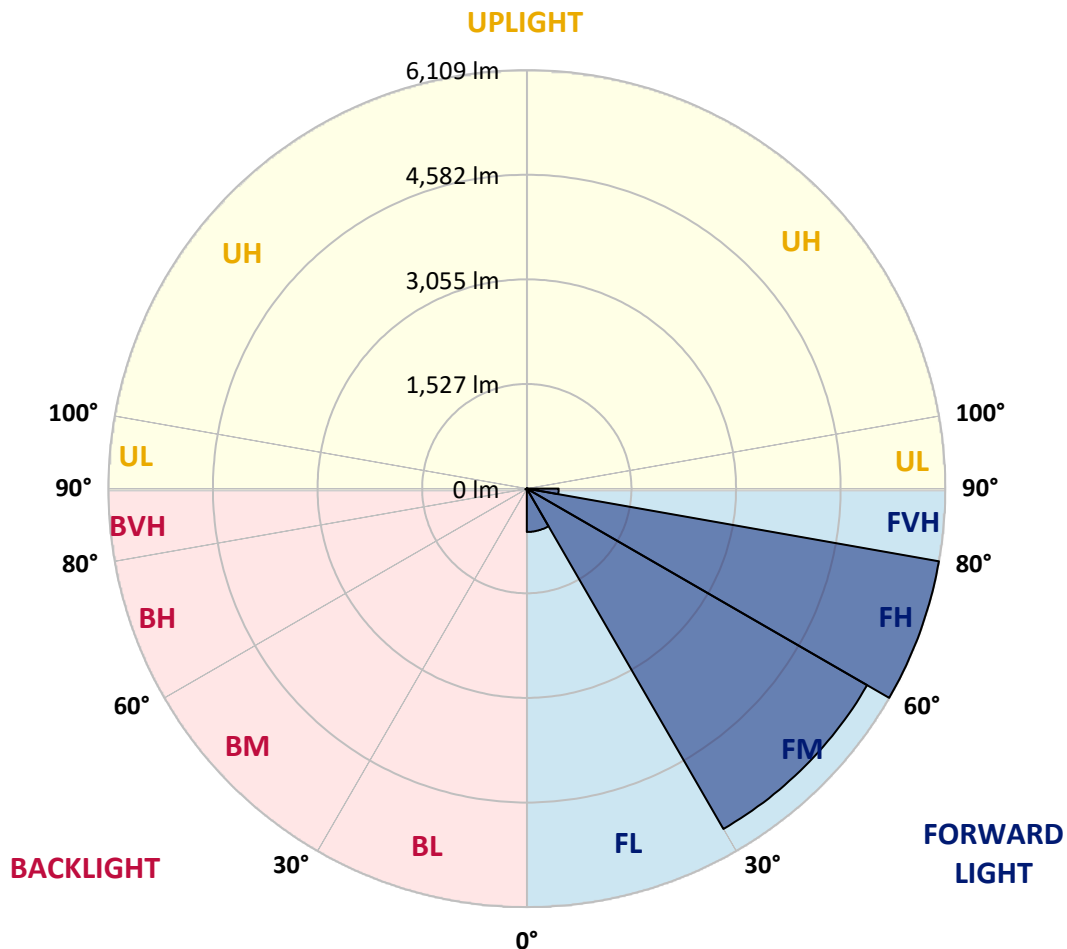
CATALOG NUMBER: GALN-SA3B-840-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	633.0	4.9			
FM	(30°-60°)	5736.7	44.2			
FH	(60°-80°)	6109.2	47.0			G3/7500
FVH	(80°-90°)	465.0	3.6			G3/500
BL	(0°-30°)	11.2	0.1	B0/110		
BM	(30°-60°)	10.7	0.1	B0/220		
BH	(60°-80°)	22.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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 IV Short



REPORT NUMBER: P1048606

CATALOG NUMBER: GALN-SA3B-840-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	81.8	81.8	81.8	79.1	79.1	78.3	77.4	77.4	75.6	74.7	73.0
5°	124.0	121.4	115.2	111.7	104.6	100.2	95.8	89.7	83.5	79.1	73.9
7.5°	280.5	286.7	266.4	228.6	189.9	173.2	145.1	117.0	96.7	83.5	74.7
10°	714.9	711.4	642.8	567.2	437.9	386.0	302.5	190.8	124.9	91.5	75.6
12.5°	1216.1	1212.6	1131.7	1028.8	858.3	750.1	591.8	356.1	179.4	103.8	75.6
15°	1637.4	1623.3	1597.8	1495.8	1296.2	1205.6	996.3	629.6	290.2	124.9	77.4
17.5°	1916.1	1903.8	1880.1	1843.1	1716.5	1609.2	1441.3	989.3	469.6	161.8	80.9
20°	2172.0	2163.2	2143.9	2136.8	2055.1	1997.9	1859.0	1402.6	731.6	219.8	86.2
22.5°	2523.7	2505.3	2513.2	2471.0	2391.0	2322.4	2237.1	1835.2	1051.7	316.6	95.8
25°	2954.6	2945.8	2923.9	2894.0	2783.2	2723.4	2592.3	2243.2	1409.6	443.2	106.4
27.5°	3475.2	3465.5	3460.3	3391.7	3264.2	3199.1	3016.2	2628.4	1812.4	620.8	120.5
30°	4074.9	4079.3	4045.0	3957.1	3808.5	3717.0	3528.9	3032.0	2224.8	829.2	135.4
32.5°	4695.8	4687.0	4634.2	4530.4	4397.7	4312.4	4073.2	3474.3	2657.4	1104.5	153.0
35°	5364.9	5348.2	5209.3	5090.6	4977.1	4869.9	4651.8	3987.9	3090.1	1413.1	176.8
37.5°	6040.3	5962.0	5683.3	5532.9	5454.6	5366.7	5163.6	4535.7	3520.1	1757.8	205.8
40°	6550.3	6489.6	6159.0	5882.0	5819.6	5744.8	5593.6	5008.8	3977.3	2128.0	240.9
42.5°	6832.6	6799.2	6502.0	6228.5	6081.6	6015.7	5886.4	5422.1	4429.3	2536.9	291.9
45°	6953.1	6901.2	6702.4	6574.9	6341.0	6232.0	6078.1	5734.3	4901.5	3001.2	363.2
47.5°	6916.1	6886.2	6743.8	6790.4	6620.7	6450.9	6225.0	5973.5	5305.1	3534.1	460.8
50°	6684.0	6658.5	6614.5	6866.9	6845.8	6645.3	6414.9	6162.5	5634.9	4083.7	612.0
52.5°	6242.5	6232.0	6344.5	6807.1	6973.3	6816.8	6597.8	6329.6	5942.7	4657.9	828.4
55°	5673.6	5716.7	6038.5	6713.9	7038.4	6943.4	6759.6	6486.1	6189.8	5171.5	1147.6
57.5°	5439.7	5451.1	5853.0	6647.9	7067.4	7055.1	6917.0	6635.6	6416.7	5582.1	1634.7
60°	5713.2	5695.6	5907.5	6698.0	7125.4	7155.3	7056.8	6774.6	6613.6	5934.8	2283.7
62.5°	6207.4	6197.7	6265.4	6911.7	7295.1	7355.8	7251.2	6874.8	6787.7	6166.9	3024.1
65°	6648.8	6628.6	6754.3	7290.7	7593.2	7636.3	7544.9	7046.3	6864.2	6335.8	3719.7
67.5°	6839.6	6835.2	7037.5	7651.3	7906.3	7952.9	7872.9	7282.8	6846.7	6389.4	4026.6
70°	6752.6	6735.9	7059.5	7804.3	8083.0	8135.8	8058.4	7370.8	6655.8	6219.7	3571.9
71°	6656.7	6611.9	6993.5	7793.7	8107.7	8152.5	8017.1	7290.7	6464.1	5978.7	3159.5
72.5°	6359.5	6367.4	6812.4	7683.8	8048.7	8035.5	7783.2	7004.1	6232.9	5431.8	2537.8
75°	5627.9	5674.5	6225.8	7222.1	7522.9	7354.9	6968.9	6456.2	5768.6	3894.7	1762.2
77.5°	4599.0	4668.5	5274.4	6334.0	6248.7	6232.0	6216.2	5688.5	4926.1	2092.0	1225.8
80°	2195.7	2346.1	3181.5	4521.6	4912.1	5101.1	4982.4	4584.1	3809.4	996.3	732.5
82.5°	143.3	141.6	200.5	379.9	1601.3	2070.0	3288.8	3276.5	2655.7	485.4	299.0
85°	67.7	69.5	76.5	87.1	101.1	110.8	153.0	896.9	1270.7	231.3	65.1
87.5°	39.6	40.5	47.5	60.7	79.1	87.9	104.6	134.5	165.3	127.5	14.1
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-SA3B-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	72.1	71.2	68.6	66.0	63.3	61.6	60.7	61.6	61.6	62.4	62.4
5°	72.1	69.5	65.1	59.8	56.3	52.8	51.0	50.1	51.0	51.0	51.0
7.5°	71.2	66.8	60.7	54.5	50.1	45.7	44.0	43.1	43.1	44.0	44.0
10°	69.5	65.1	57.2	50.1	44.8	39.6	36.9	34.3	34.3	34.3	35.2
12.5°	68.6	62.4	52.8	45.7	38.7	32.5	27.3	24.6	25.5	25.5	25.5
15°	66.8	59.8	50.1	41.3	32.5	24.6	20.2	17.6	18.5	19.3	18.5
17.5°	66.8	58.9	46.6	36.1	25.5	18.5	14.9	13.2	13.2	14.1	14.1
20°	66.8	57.2	44.0	30.8	19.3	14.1	10.6	9.7	9.7	11.4	12.3
22.5°	68.6	57.2	40.5	25.5	15.8	10.6	7.9	7.0	7.9	9.7	10.6
25°	71.2	56.3	36.9	22.9	13.2	7.9	6.2	4.4	5.3	7.0	7.9
27.5°	73.9	55.4	33.4	20.2	10.6	6.2	4.4	3.5	2.6	3.5	3.5
30°	76.5	55.4	29.9	16.7	8.8	4.4	2.6	1.8	0.9	0.0	0.0
32.5°	78.3	53.6	27.3	13.2	7.0	3.5	1.8	0.9	0.0	0.0	0.0
35°	80.0	51.9	23.7	10.6	5.3	2.6	0.9	0.0	0.0	0.0	0.0
37.5°	81.8	49.2	20.2	8.8	4.4	1.8	0.0	0.0	0.0	0.0	0.0
40°	83.5	45.7	16.7	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	85.3	43.1	14.1	6.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	89.7	41.3	11.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	97.6	39.6	10.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	109.0	37.8	9.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	124.9	36.9	8.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	153.0	36.1	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	201.4	35.2	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	308.7	33.4	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	551.4	32.5	7.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	961.1	33.4	7.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1377.9	35.2	6.2	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1179.2	30.8	6.2	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	961.1	27.3	6.2	3.5	1.8	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	618.2	21.1	5.3	3.5	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	261.2	17.6	5.3	3.5	2.6	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	111.7	13.2	5.3	4.4	3.5	2.6	2.6	1.8	0.9	0.0	0.0
80°	42.2	10.6	6.2	5.3	4.4	4.4	3.5	1.8	0.9	0.0	0.0
82.5°	19.3	8.8	6.2	5.3	5.3	4.4	3.5	2.6	1.8	0.0	0.0
85°	12.3	7.9	6.2	5.3	5.3	4.4	4.4	2.6	1.8	0.0	0.0
87.5°	9.7	7.9	6.2	6.2	5.3	5.3	3.5	2.6	0.9	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

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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

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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 $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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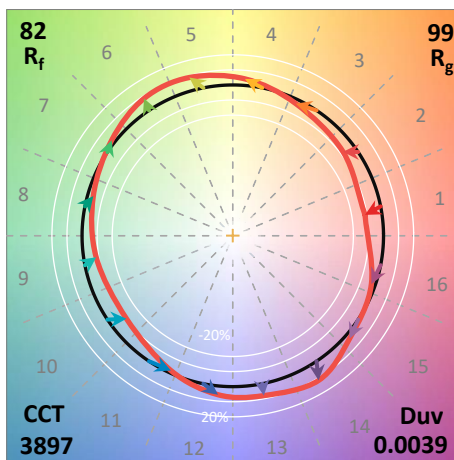
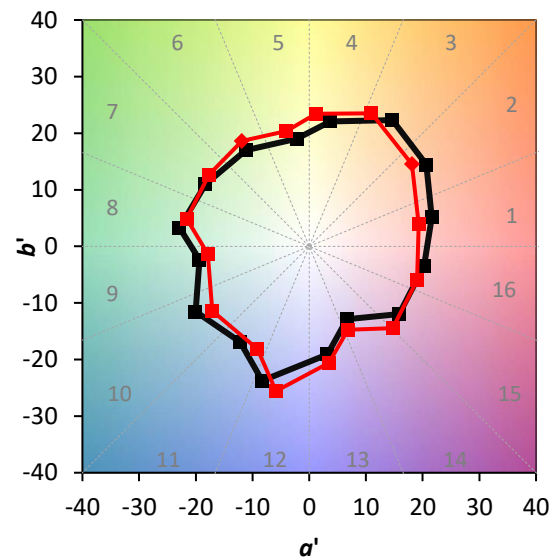
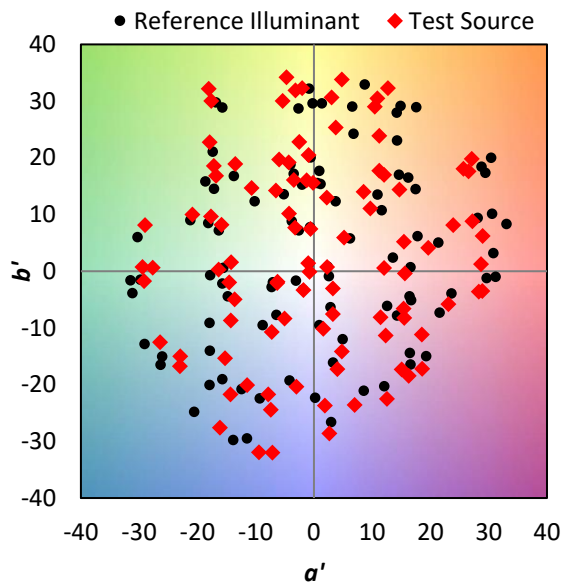
TM-30-18

Summary

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



Color Vector Graphics

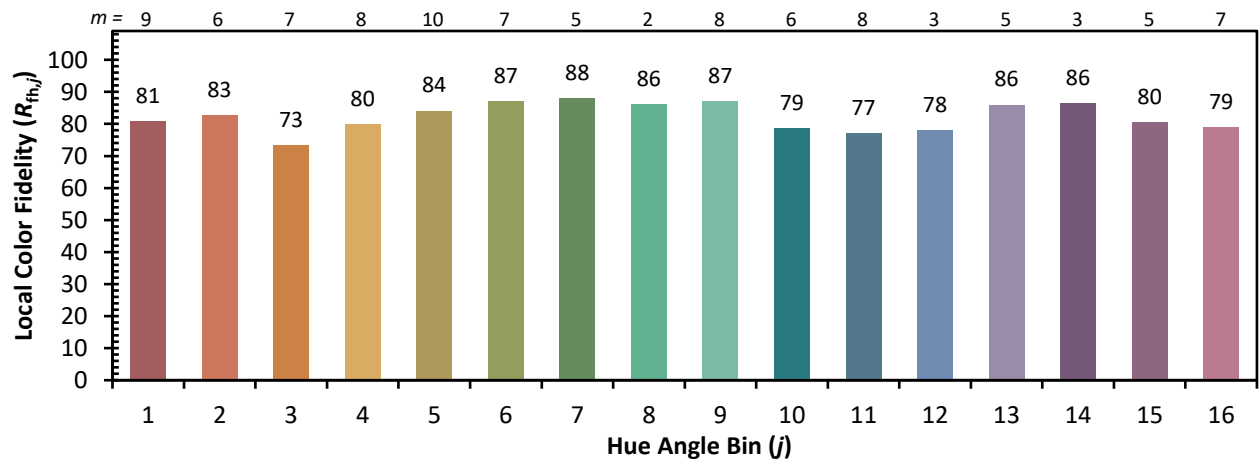
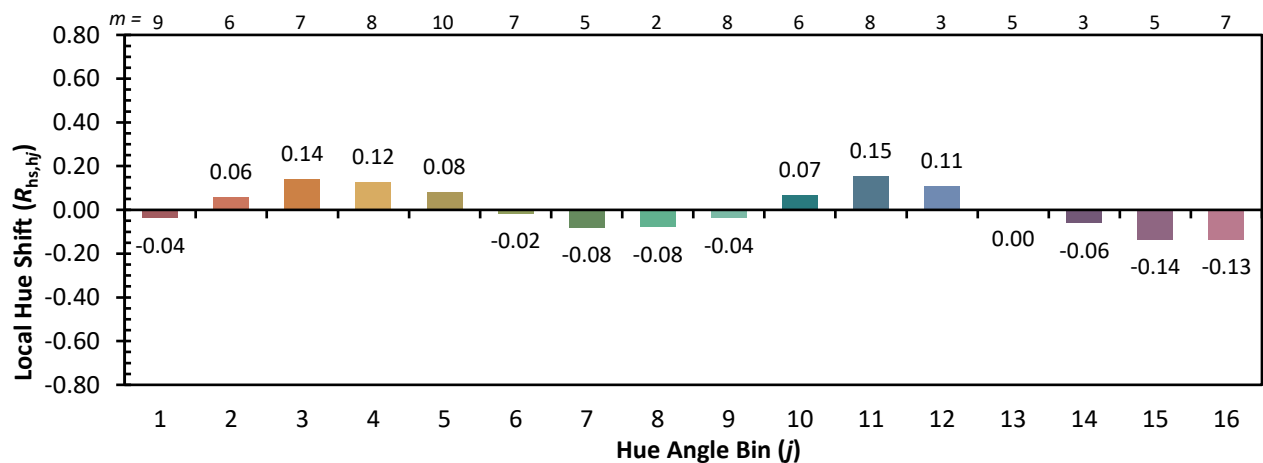
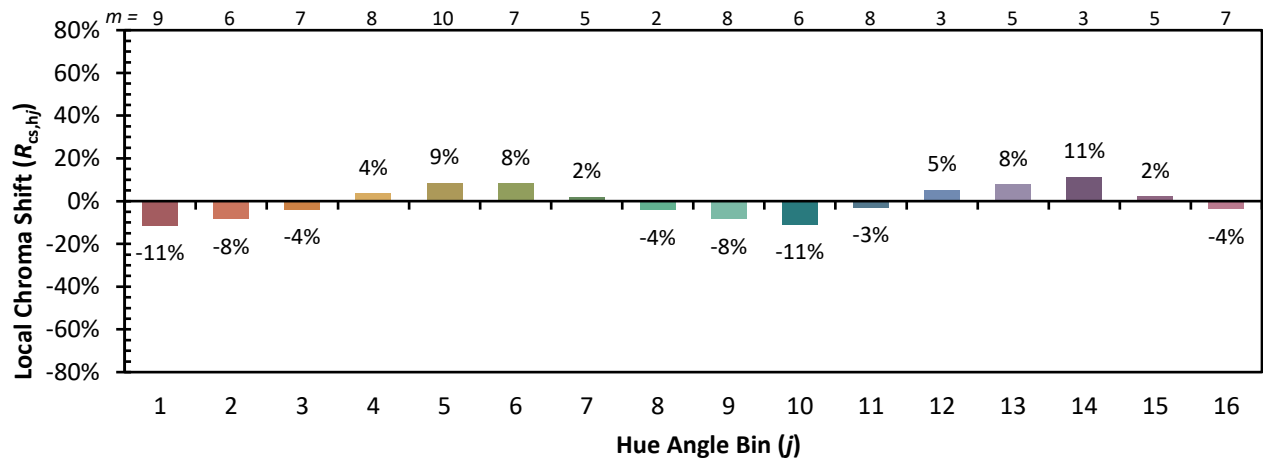


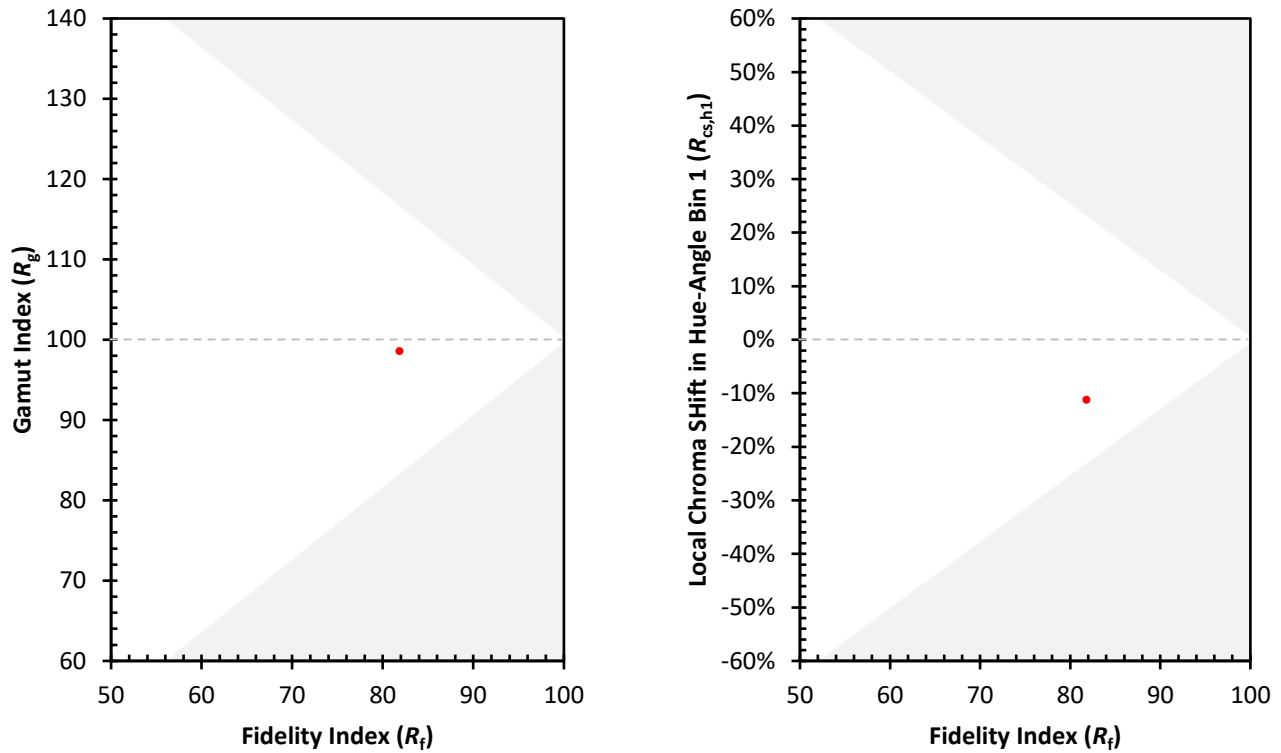
Individual Sample Fidelity Index ($R_{f,i}$)

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)