

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: P1048311

Luminaire Tested: **GALN-SA1C-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048311
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5242.2 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

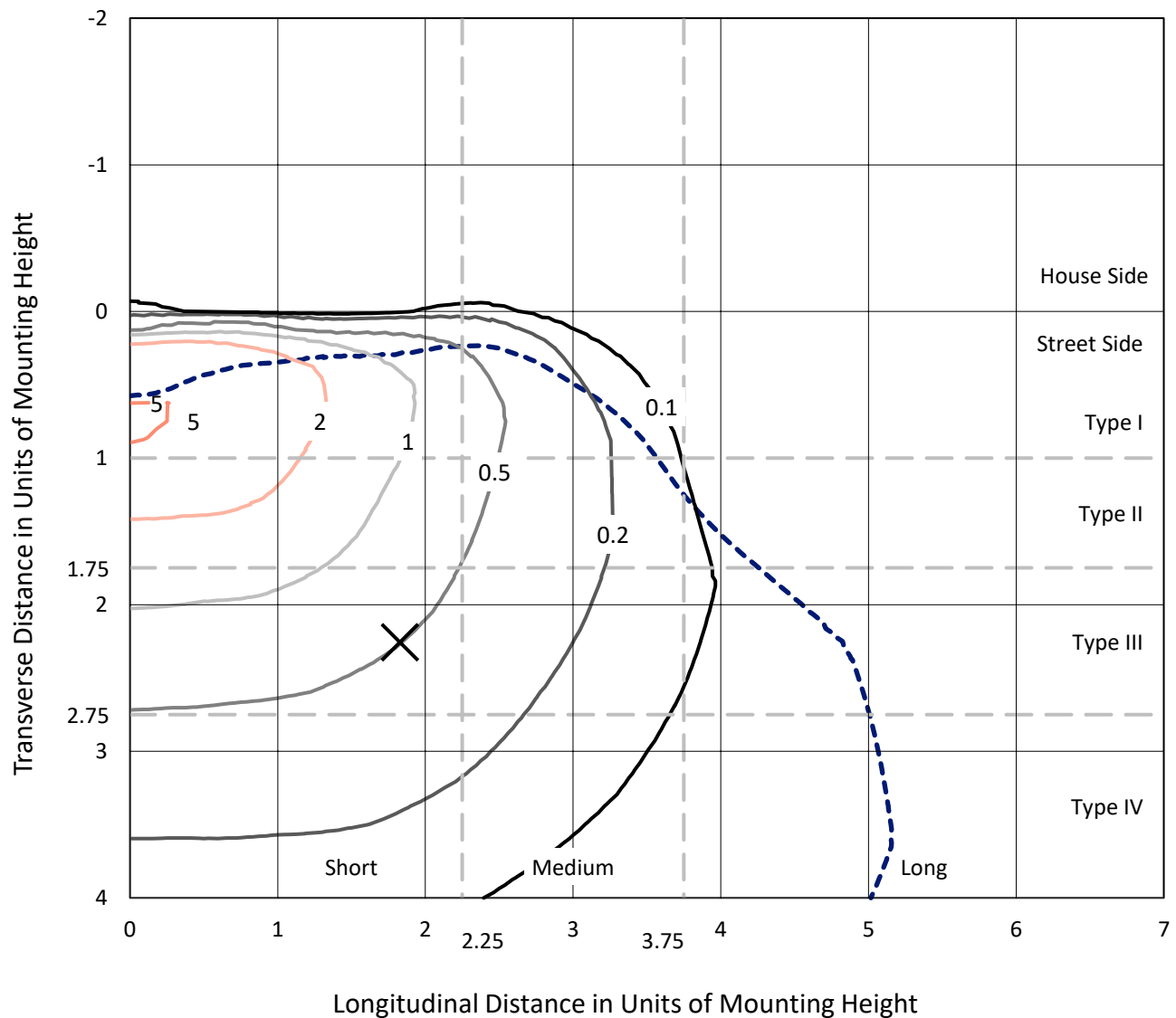


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

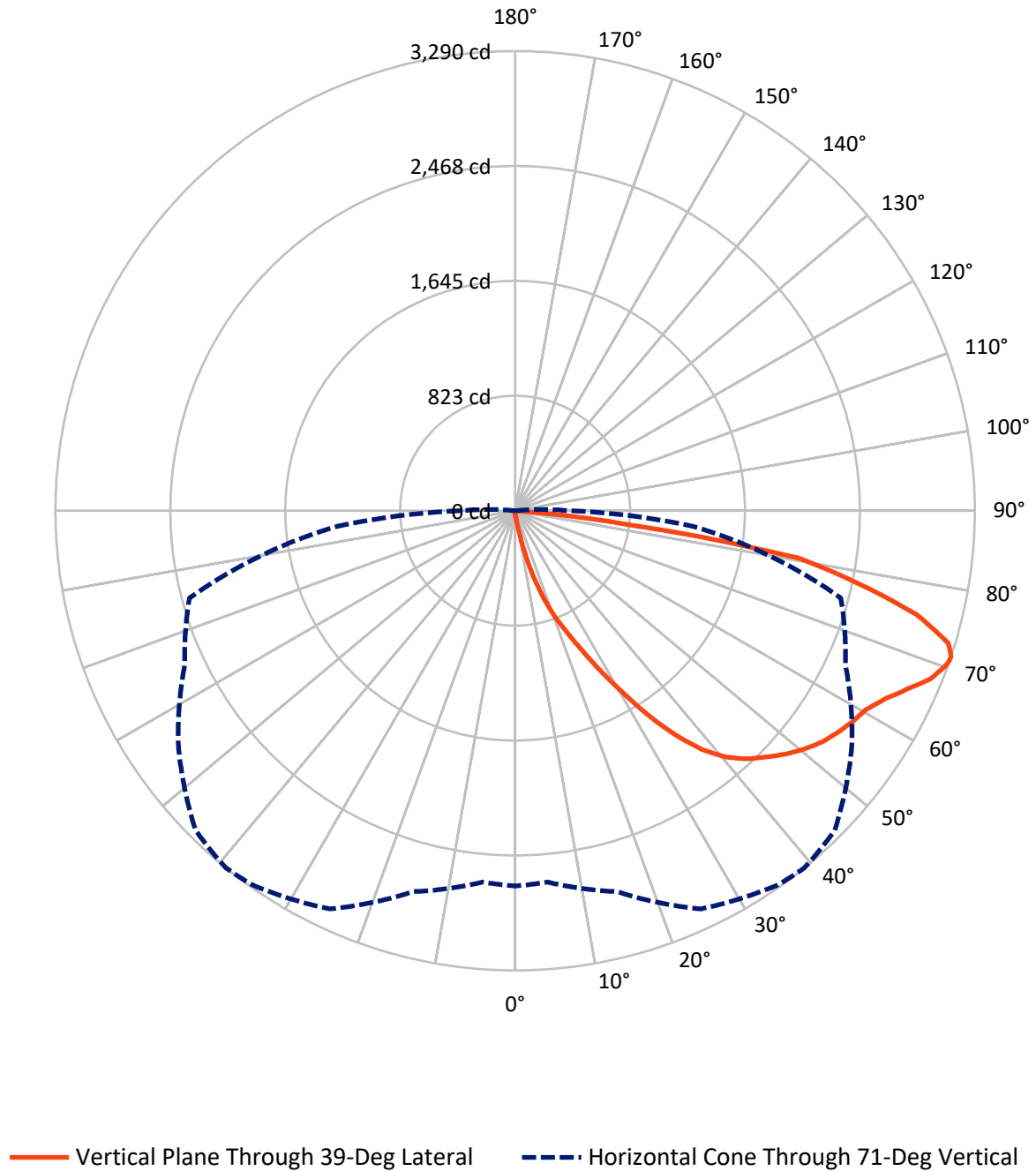


Based on 15 foot mounting height. Maximum calculated value = 5.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.6	0.0	18.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5223.5	0.0	5223.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	5242.2	0.0	5242.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.1
10°-20°	56.0	1.1
20°-30°	199.5	3.8
30°-40°	480.9	9.2
40°-50°	804.8	15.4
50°-60°	1033.7	19.7
60°-70°	1308.1	25.0
70°-80°	1166.2	22.2
80°-90°	188.5	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°	5242.2	100.0
0°-180°	5242.2	100.0



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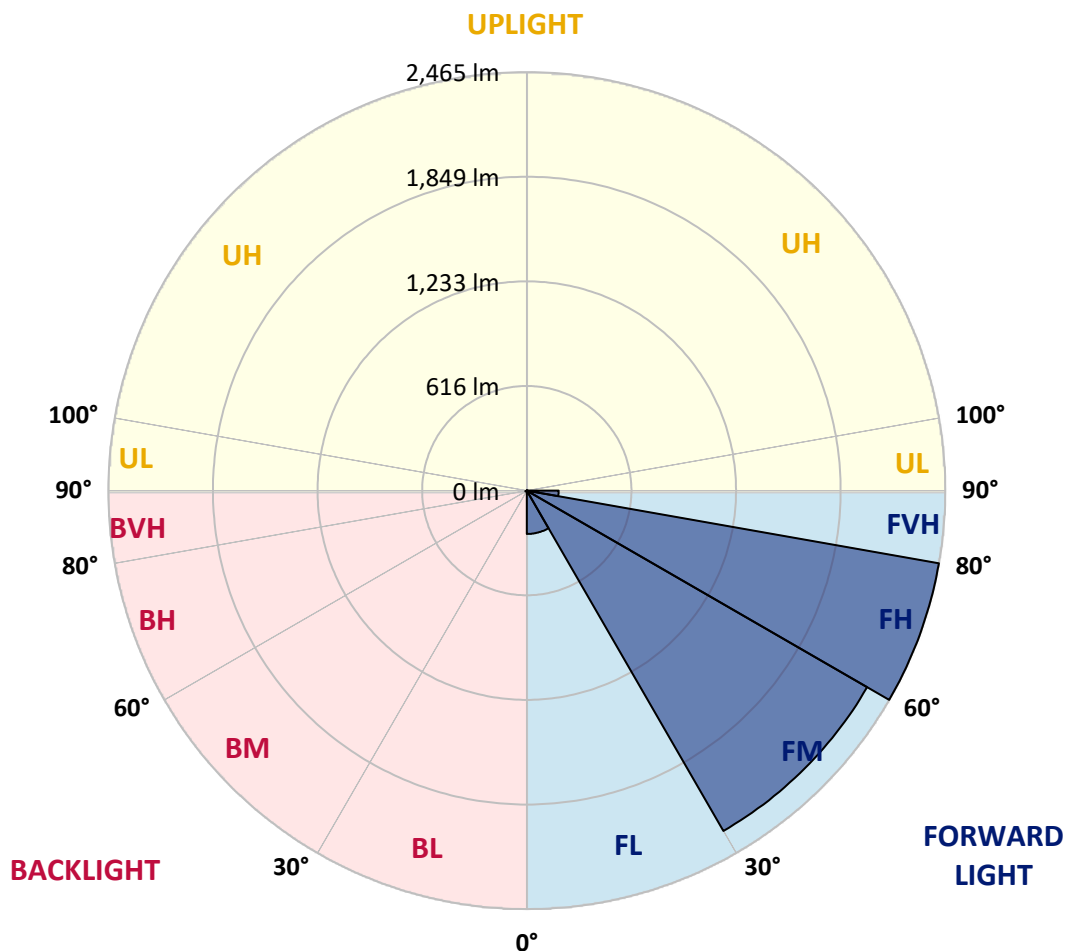
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	255.4	4.9			
FM	(30°-60°)	2315.0	44.2			
FH	(60°-80°)	2465.4	47.0			G2/5000
FVH	(80°-90°)	187.7	3.6			G2/225
BL	(0°-30°)	4.5	0.1	B0/110		
BM	(30°-60°)	4.3	0.1	B0/220		
BH	(60°-80°)	9.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G2

Type IV Short



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CATALOG NUMBER: GALN-SA1C-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
2.5°	33.0	33.0	33.0	31.9	31.9	31.6	31.2	31.2	30.5	30.2	29.5
5°	50.0	49.0	46.5	45.1	42.2	40.5	38.7	36.2	33.7	31.9	29.8
7.5°	113.2	115.7	107.5	92.3	76.7	69.9	58.6	47.2	39.0	33.7	30.2
10°	288.5	287.1	259.4	228.9	176.7	155.8	122.1	77.0	50.4	36.9	30.5
12.5°	490.8	489.4	456.7	415.2	346.4	302.7	238.8	143.7	72.4	41.9	30.5
15°	660.8	655.1	644.8	603.6	523.1	486.5	402.1	254.1	117.1	50.4	31.2
17.5°	773.3	768.3	758.7	743.8	692.7	649.4	581.6	399.2	189.5	65.3	32.6
20°	876.5	873.0	865.2	862.3	829.3	806.3	750.2	566.0	295.2	88.7	34.8
22.5°	1018.5	1011.0	1014.2	997.2	964.9	937.2	902.8	740.6	424.4	127.8	38.7
25°	1192.4	1188.8	1179.9	1167.9	1123.2	1099.0	1046.1	905.3	568.9	178.9	42.9
27.5°	1402.4	1398.5	1396.4	1368.7	1317.3	1291.0	1217.2	1060.7	731.4	250.5	48.6
30°	1644.5	1646.2	1632.4	1596.9	1536.9	1500.0	1424.1	1223.6	897.8	334.6	54.6
32.5°	1895.0	1891.4	1870.2	1828.3	1774.7	1740.3	1643.7	1402.1	1072.4	445.7	61.7
35°	2165.0	2158.3	2102.2	2054.3	2008.5	1965.3	1877.2	1609.3	1247.0	570.3	71.3
37.5°	2437.6	2406.0	2293.5	2232.8	2201.2	2165.8	2083.8	1830.4	1420.5	709.4	83.0
40°	2643.4	2618.9	2485.5	2373.7	2348.5	2318.3	2257.3	2021.3	1605.1	858.8	97.2
42.5°	2757.3	2743.8	2623.9	2513.5	2454.3	2427.6	2375.5	2188.1	1787.5	1023.8	117.8
45°	2805.9	2785.0	2704.8	2653.3	2558.9	2514.9	2452.8	2314.1	1978.0	1211.2	146.6
47.5°	2791.0	2779.0	2721.5	2740.3	2671.8	2603.3	2512.1	2410.6	2140.9	1426.2	186.0
50°	2697.3	2687.1	2669.3	2771.2	2762.6	2681.7	2588.8	2486.9	2274.0	1648.0	247.0
52.5°	2519.2	2514.9	2560.4	2747.0	2814.1	2750.9	2662.6	2554.3	2398.2	1879.7	334.3
55°	2289.6	2307.0	2436.9	2709.4	2840.4	2802.0	2727.9	2617.5	2497.9	2087.0	463.1
57.5°	2195.2	2199.8	2362.0	2682.8	2852.1	2847.1	2791.4	2677.8	2589.5	2252.7	659.7
60°	2305.6	2298.5	2384.0	2703.0	2875.5	2887.6	2847.8	2733.9	2669.0	2395.0	921.6
62.5°	2505.0	2501.1	2528.4	2789.3	2944.0	2968.5	2926.2	2774.4	2739.2	2488.7	1220.4
65°	2683.2	2675.0	2725.7	2942.2	3064.3	3081.7	3044.8	2843.6	2770.1	2556.8	1501.1
67.5°	2760.2	2758.4	2840.0	3087.7	3190.6	3209.4	3177.1	2939.0	2763.0	2578.5	1624.9
70°	2725.0	2718.3	2848.9	3149.4	3261.9	3283.2	3252.0	2974.5	2686.0	2510.0	1441.5
71°	2686.3	2668.2	2822.3	3145.2	3271.9	3290.0	3235.3	2942.2	2608.6	2412.7	1275.0
72.5°	2566.4	2569.6	2749.2	3100.8	3248.1	3242.8	3140.9	2826.5	2515.3	2192.0	1024.1
75°	2271.2	2290.0	2512.5	2914.5	3035.9	2968.1	2812.3	2605.4	2327.9	1571.7	711.2
77.5°	1856.0	1884.0	2128.5	2556.1	2521.7	2514.9	2508.6	2295.6	1988.0	844.2	494.7
80°	886.1	946.8	1283.9	1824.7	1982.3	2058.6	2010.7	1849.9	1537.3	402.1	295.6
82.5°	57.8	57.1	80.9	153.3	646.2	835.4	1327.2	1322.2	1071.7	195.9	120.7
85°	27.3	28.0	30.9	35.1	40.8	44.7	61.7	362.0	512.8	93.3	26.3
87.5°	16.0	16.3	19.2	24.5	31.9	35.5	42.2	54.3	66.7	51.5	5.7
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-SA1C-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
2.5°	29.1	28.7	27.7	26.6	25.6	24.8	24.5	24.8	24.8	25.2	25.2
5°	29.1	28.0	26.3	24.1	22.7	21.3	20.6	20.2	20.6	20.6	20.6
7.5°	28.7	27.0	24.5	22.0	20.2	18.5	17.7	17.4	17.4	17.7	17.7
10°	28.0	26.3	23.1	20.2	18.1	16.0	14.9	13.8	13.8	13.8	14.2
12.5°	27.7	25.2	21.3	18.5	15.6	13.1	11.0	9.9	10.3	10.3	10.3
15°	27.0	24.1	20.2	16.7	13.1	9.9	8.2	7.1	7.5	7.8	7.5
17.5°	27.0	23.8	18.8	14.5	10.3	7.5	6.0	5.3	5.3	5.7	5.7
20°	27.0	23.1	17.7	12.4	7.8	5.7	4.3	3.9	3.9	4.6	5.0
22.5°	27.7	23.1	16.3	10.3	6.4	4.3	3.2	2.8	3.2	3.9	4.3
25°	28.7	22.7	14.9	9.2	5.3	3.2	2.5	1.8	2.1	2.8	3.2
27.5°	29.8	22.4	13.5	8.2	4.3	2.5	1.8	1.4	1.1	1.4	1.4
30°	30.9	22.4	12.1	6.7	3.5	1.8	1.1	0.7	0.4	0.0	0.0
32.5°	31.6	21.6	11.0	5.3	2.8	1.4	0.7	0.4	0.0	0.0	0.0
35°	32.3	20.9	9.6	4.3	2.1	1.1	0.4	0.0	0.0	0.0	0.0
37.5°	33.0	19.9	8.2	3.5	1.8	0.7	0.0	0.0	0.0	0.0	0.0
40°	33.7	18.5	6.7	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	34.4	17.4	5.7	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	36.2	16.7	4.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	39.4	16.0	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	44.0	15.3	3.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	50.4	14.9	3.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	61.7	14.5	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	81.3	14.2	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	124.6	13.5	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	222.5	13.1	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	387.9	13.5	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	556.1	14.2	2.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	475.9	12.4	2.5	1.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0
71°	387.9	11.0	2.5	1.4	0.7	0.4	0.4	0.0	0.0	0.0	0.0
72.5°	249.5	8.5	2.1	1.4	0.7	0.7	0.4	0.0	0.0	0.0	0.0
75°	105.4	7.1	2.1	1.4	1.1	0.7	0.7	0.4	0.0	0.0	0.0
77.5°	45.1	5.3	2.1	1.8	1.4	1.1	1.1	0.7	0.4	0.0	0.0
80°	17.0	4.3	2.5	2.1	1.8	1.8	1.4	0.7	0.4	0.0	0.0
82.5°	7.8	3.5	2.5	2.1	2.1	1.8	1.4	1.1	0.7	0.0	0.0
85°	5.0	3.2	2.5	2.1	2.1	1.8	1.8	1.1	0.7	0.0	0.0
87.5°	3.9	3.2	2.5	2.5	2.1	2.1	1.4	1.1	0.4	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

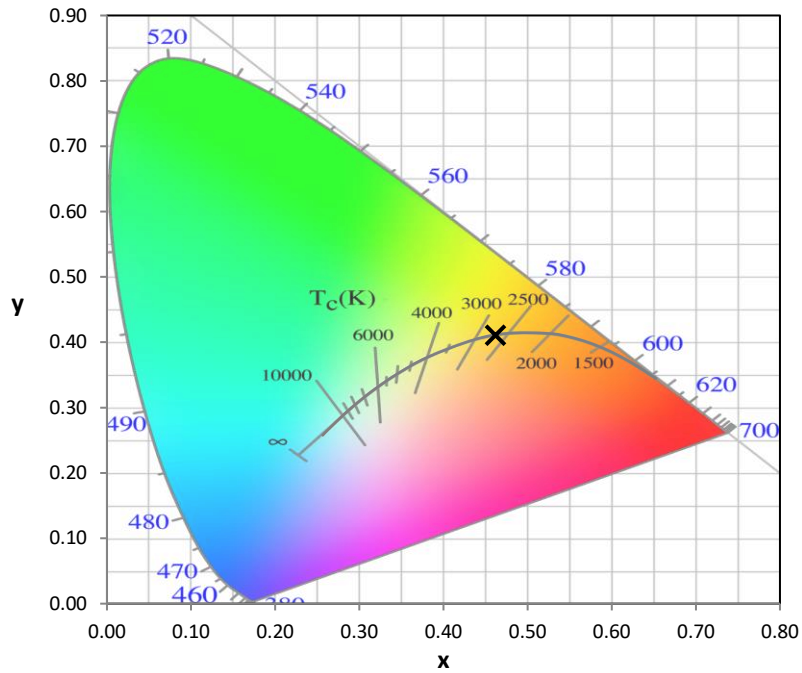
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

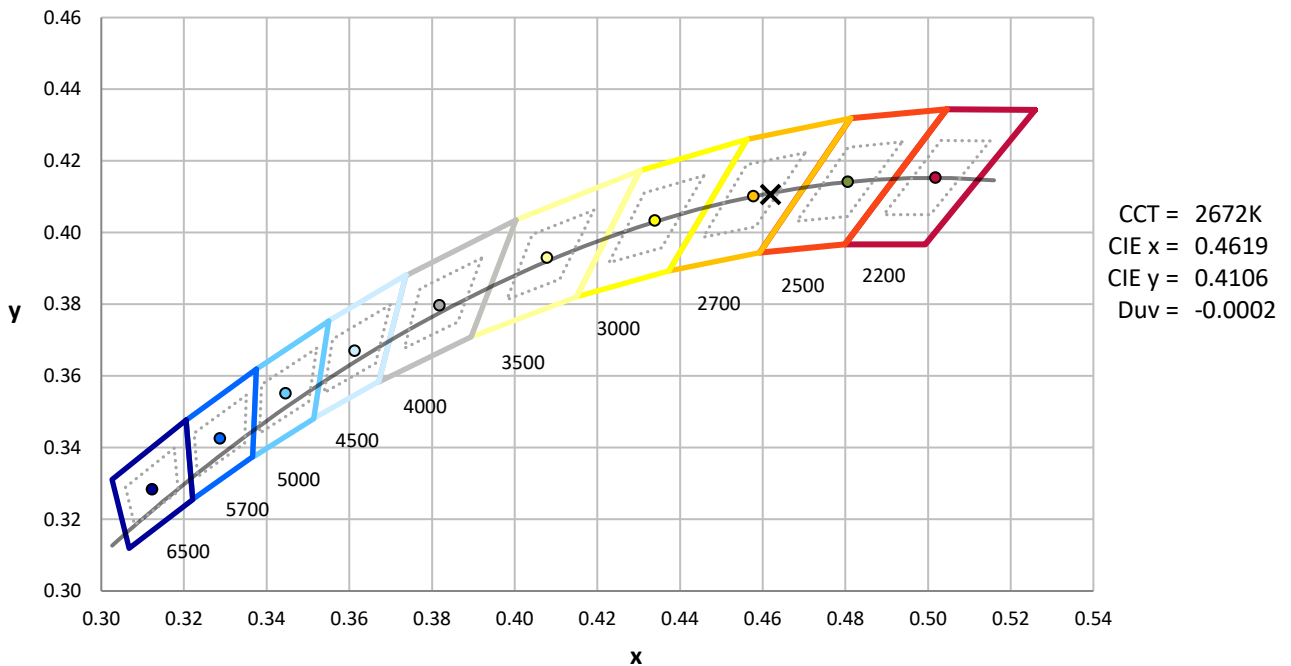
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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TM-30-18

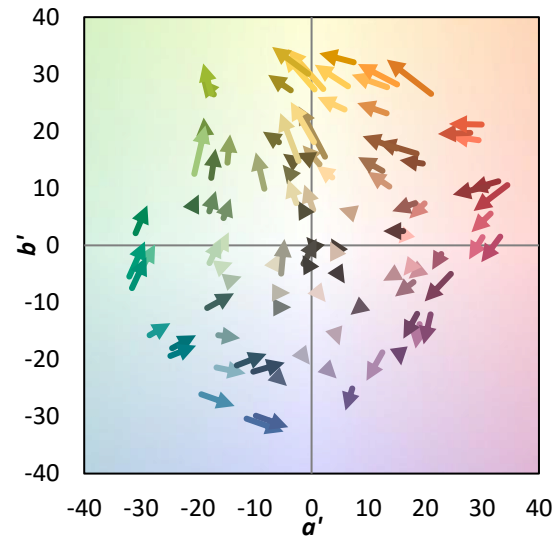
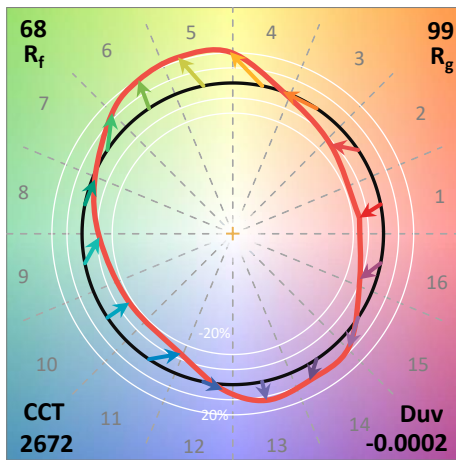
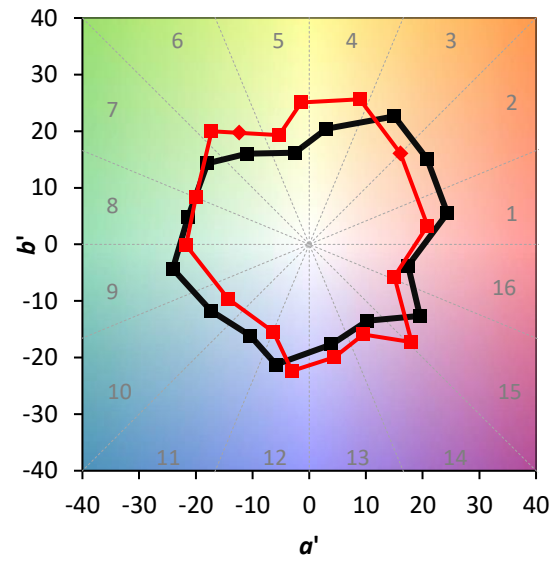
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

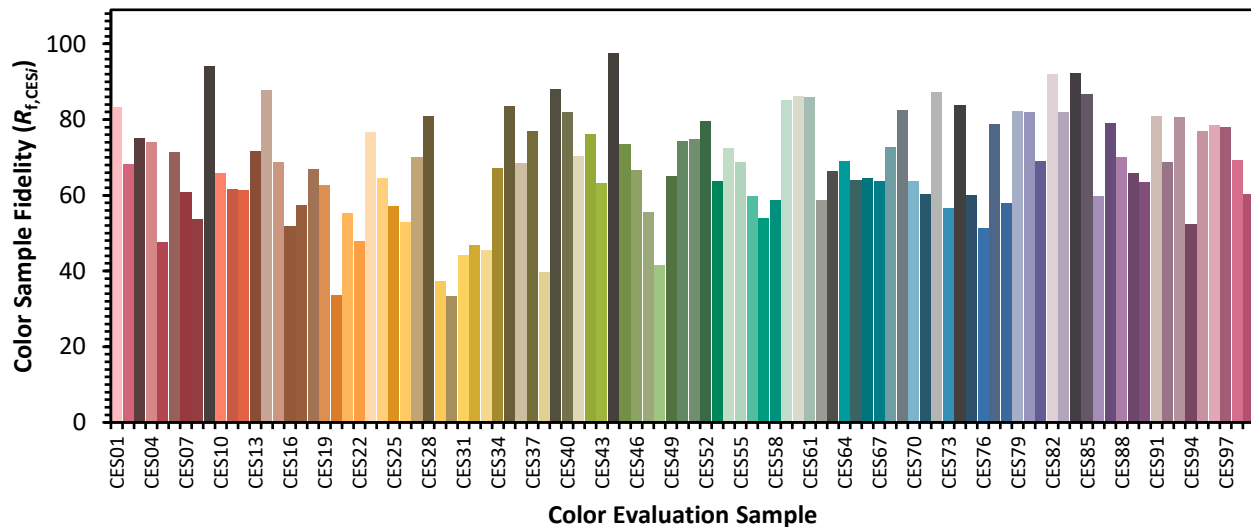


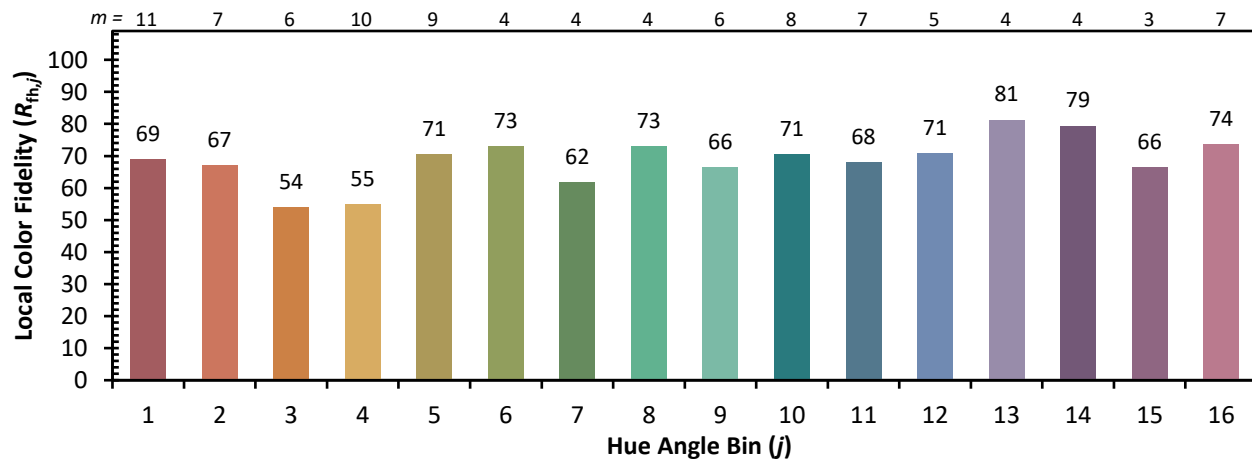
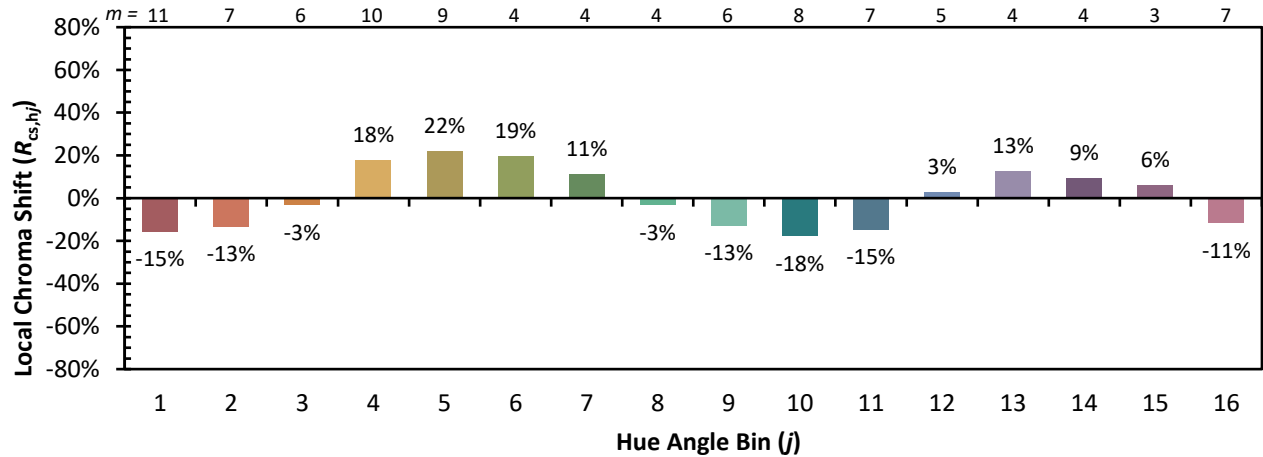
Color Vector Graphics



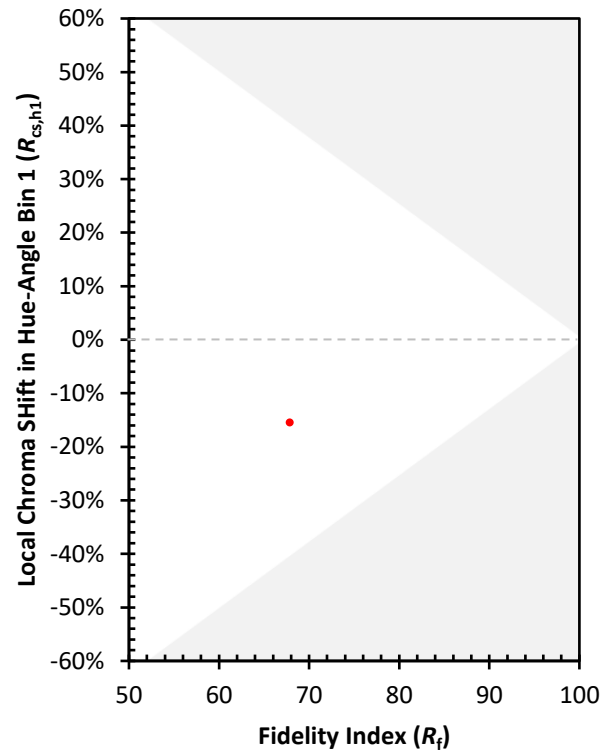
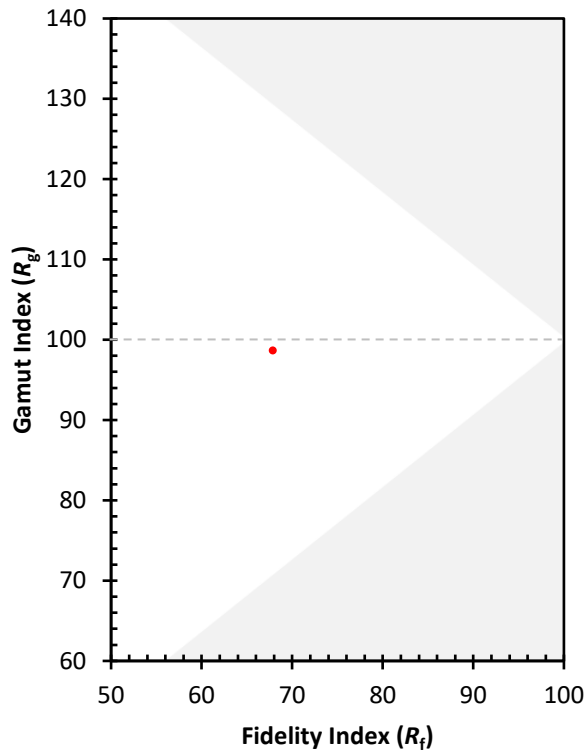
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)