

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: P1047097

Luminaire Tested: **GALN-SA4A-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047097
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13882.8 lumens
Efficiency: N/A
Efficacy: 129.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107.4
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

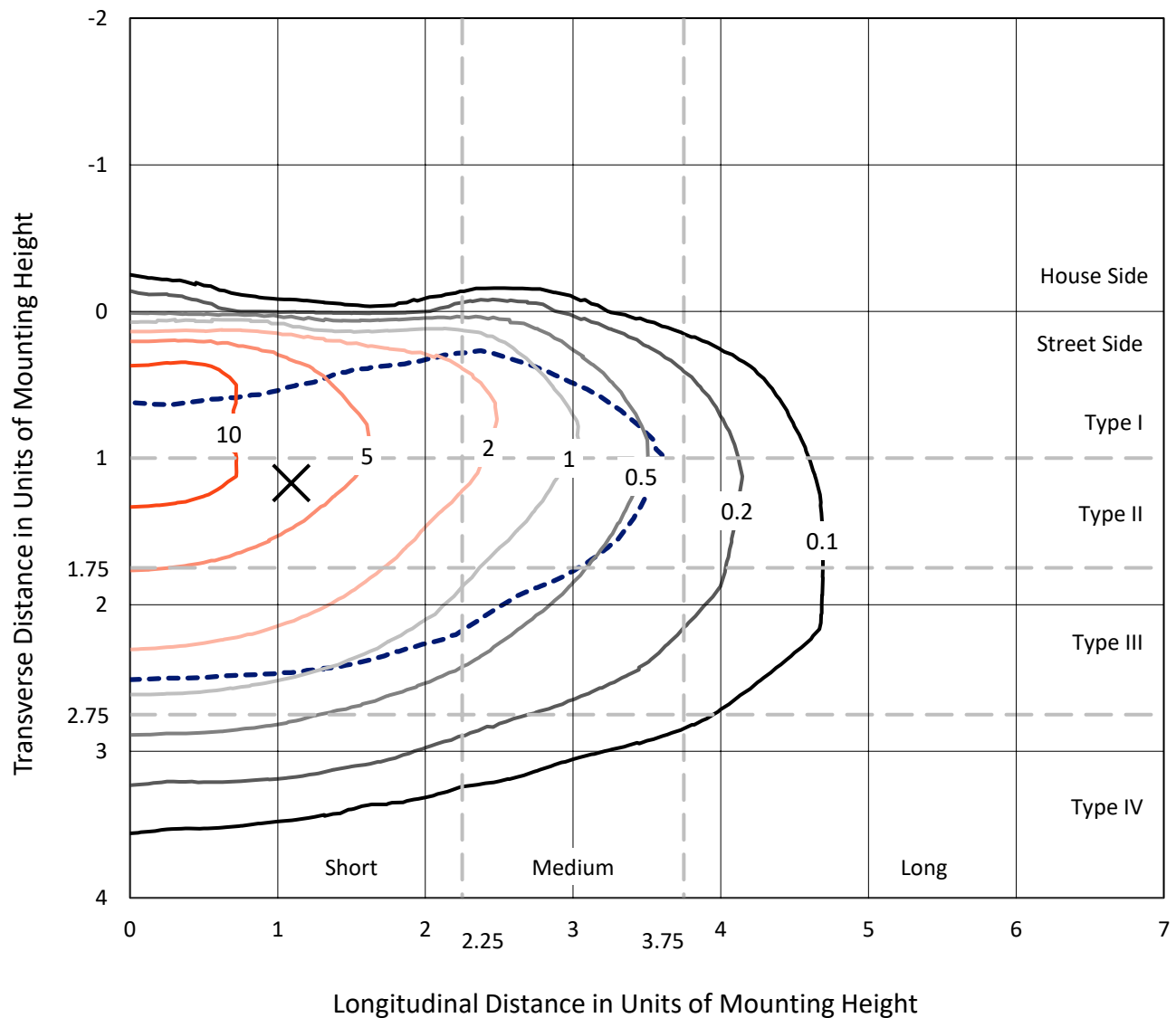


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

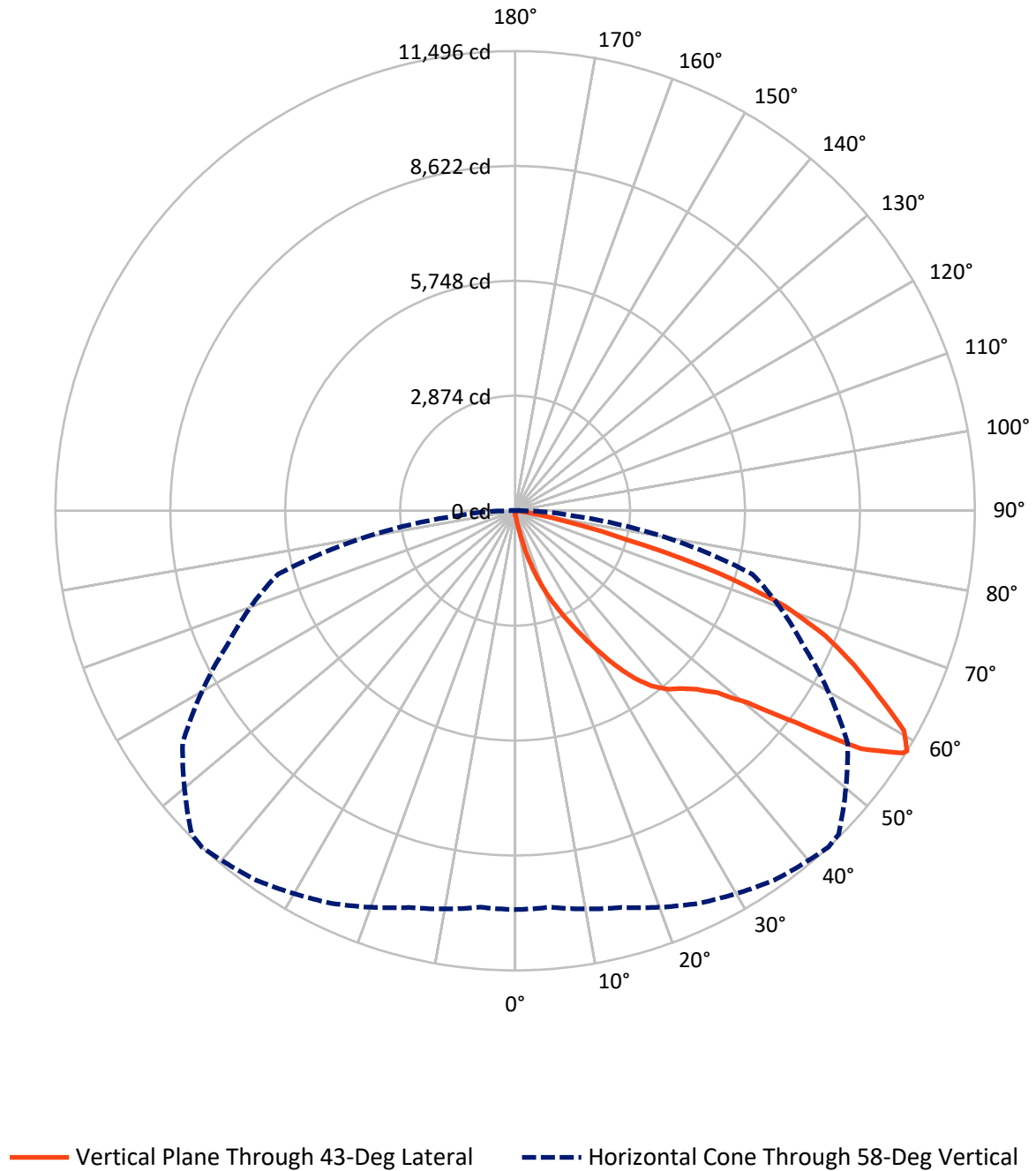


Based on 15 foot mounting height. Maximum calculated value = 15.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.7	0.0	50.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13832.1	0.0	13832.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	13882.8	0.0	13882.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.3	0.1
10°-20°	159.6	1.1
20°-30°	575.2	4.1
30°-40°	1316.0	9.5
40°-50°	2219.6	16.0
50°-60°	3662.8	26.4
60°-70°	4093.7	29.5
70°-80°	1690.2	12.2
80°-90°	152.4	1.1
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°	13882.8	100.0
0°-180°	13882.8	100.0



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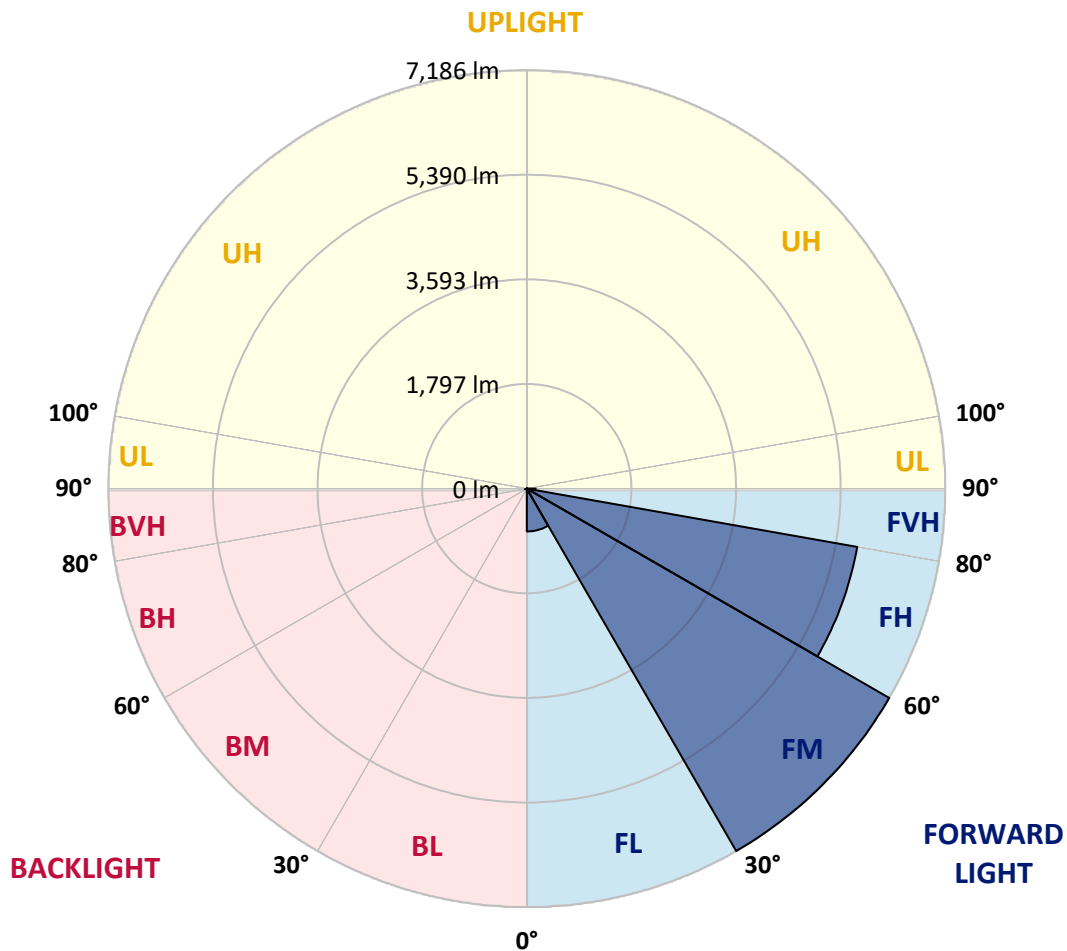
CATALOG NUMBER: GALN-SA4A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	734.8	5.3			
FM	(30°-60°)	7186.3	51.8			
FH	(60°-80°)	5760.7	41.5			G3/7500
FVH	(80°-90°)	150.3	1.1			G2/225
BL	(0°-30°)	13.2	0.1	B0/110		
BM	(30°-60°)	12.1	0.1	B0/220		
BH	(60°-80°)	23.2	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 III Short





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CATALOG NUMBER: GALN-SA4A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2.5°	108.9	112.6	108.9	108.9	108.9	105.3	105.3	101.7	101.7	98.0	94.4
5°	159.8	159.8	148.9	141.6	134.3	130.7	127.1	119.8	112.6	105.3	98.0
7.5°	355.8	355.8	323.2	279.6	221.5	188.8	181.5	148.9	127.1	112.6	98.0
10°	849.6	849.6	777.0	657.2	508.3	377.6	337.7	214.2	152.5	119.8	101.7
12.5°	1412.4	1430.6	1339.8	1187.3	965.8	737.1	657.2	392.1	203.3	130.7	101.7
15°	1917.1	1873.6	1848.1	1702.9	1492.3	1220.0	1118.3	660.8	294.1	148.9	101.7
17.5°	2258.4	2258.4	2222.1	2124.1	1931.7	1692.0	1608.5	1067.5	475.7	170.7	105.3
20°	2657.8	2657.8	2592.5	2523.5	2352.8	2149.5	2069.6	1517.7	737.1	217.9	105.3
22.5°	3140.7	3148.0	3075.4	2951.9	2788.5	2563.4	2494.4	1935.3	1067.5	290.5	108.9
25°	3729.0	3736.2	3630.9	3514.7	3264.2	3020.9	2915.6	2414.6	1470.5	406.7	108.9
27.5°	4378.9	4429.7	4273.6	4073.9	3808.8	3503.8	3424.0	2846.6	1869.9	573.7	116.2
30°	5188.6	5188.6	4981.6	4702.0	4415.2	4037.6	3935.9	3300.5	2294.7	795.2	123.5
32.5°	5885.7	5831.3	5566.2	5272.1	4967.1	4614.9	4506.0	3776.2	2730.5	1071.1	138.0
35°	6419.5	6372.3	6045.5	5729.6	5464.5	5141.4	5010.7	4291.7	3191.6	1383.4	159.8
37.5°	6877.0	6858.8	6415.8	6020.1	5845.8	5562.6	5446.4	4778.3	3645.4	1721.1	185.2
40°	7378.0	7319.9	6847.9	6357.7	6096.3	5867.6	5762.3	5170.4	4081.2	2116.8	221.5
42.5°	7806.5	7737.5	7312.7	6833.4	6386.8	6078.2	5976.5	5500.8	4506.0	2512.6	268.7
45°	8282.1	8245.8	7817.4	7454.3	6858.8	6365.0	6230.7	5765.9	4894.5	2984.6	330.4
47.5°	8997.4	8932.1	8532.7	8234.9	7545.1	6800.7	6608.3	6038.2	5268.5	3449.4	424.8
50°	9828.9	9785.3	9549.3	9313.3	8627.1	7545.1	7316.3	6430.4	5686.0	4001.3	548.3
52.5°	10507.9	10500.6	10529.7	10533.3	10014.1	8797.7	8456.4	7062.1	6165.3	4545.9	722.6
55°	10493.4	10526.0	10845.6	11212.3	11252.2	10507.9	10177.5	8126.0	6789.8	5217.6	965.8
57.5°	10101.2	10075.8	10413.5	10965.4	11353.9	11433.8	11379.3	9778.1	7730.2	6027.3	1339.8
58°	9974.1	9952.4	10271.9	10834.7	11281.3	11495.5	11441.0	10152.1	7940.8	6143.5	1441.5
60°	9513.0	9516.6	9705.5	10217.4	10664.0	11172.3	11223.2	11219.5	8990.2	6920.5	1953.4
62.5°	8903.0	8874.0	9048.3	9465.8	9858.0	10199.3	10286.4	11292.2	10526.0	7908.1	2930.2
65°	8060.6	8017.1	8202.3	8674.3	9095.5	9316.9	9320.6	10319.1	11248.6	8968.4	4324.4
67.5°	6495.7	6459.4	6829.8	7436.1	8086.1	8376.5	8507.2	8953.9	10638.6	9687.3	5123.2
70°	3979.5	4055.7	4571.3	5522.6	6633.7	7167.4	7363.5	7501.5	9059.1	9578.4	4284.5
72.5°	1837.2	1746.5	2185.8	2850.3	4117.5	5304.8	5508.1	6049.1	7182.0	8314.8	3195.2
75°	856.9	824.2	925.9	1245.4	1866.3	2864.8	3235.2	4829.1	5508.1	5784.1	2305.6
77.5°	439.3	443.0	526.5	566.4	769.8	1325.3	1521.4	3177.1	4037.6	3227.9	1546.8
80°	192.4	199.7	203.3	221.5	312.3	512.0	577.3	1474.2	2759.5	1644.8	846.0
82.5°	123.5	127.1	127.1	127.1	148.9	203.3	232.4	591.8	1376.1	817.0	261.4
85°	65.4	65.4	72.6	90.8	105.3	123.5	130.7	188.8	453.9	243.3	61.7
87.5°	36.3	39.9	43.6	54.5	69.0	83.5	90.8	130.7	174.3	167.0	14.5
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-SA4A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2.5°	94.4	90.8	87.1	83.5	79.9	76.2	76.2	76.2	76.2	76.2	76.2
5°	90.8	87.1	83.5	76.2	69.0	65.4	61.7	58.1	58.1	58.1	58.1
7.5°	90.8	87.1	76.2	69.0	61.7	54.5	47.2	47.2	47.2	47.2	47.2
10°	90.8	83.5	72.6	61.7	50.8	43.6	39.9	36.3	36.3	36.3	36.3
12.5°	90.8	79.9	69.0	54.5	43.6	36.3	32.7	29.0	29.0	29.0	29.0
15°	90.8	79.9	65.4	50.8	39.9	29.0	25.4	21.8	21.8	21.8	21.8
17.5°	87.1	76.2	61.7	43.6	32.7	21.8	18.2	14.5	14.5	18.2	18.2
20°	83.5	72.6	54.5	36.3	25.4	18.2	10.9	10.9	10.9	10.9	10.9
22.5°	83.5	72.6	50.8	32.7	21.8	10.9	7.3	7.3	7.3	7.3	10.9
25°	83.5	69.0	43.6	25.4	14.5	7.3	3.6	3.6	3.6	3.6	3.6
27.5°	83.5	69.0	39.9	21.8	10.9	7.3	3.6	0.0	0.0	0.0	0.0
30°	79.9	65.4	36.3	18.2	7.3	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	79.9	61.7	29.0	14.5	7.3	3.6	0.0	0.0	0.0	0.0	0.0
35°	83.5	58.1	25.4	10.9	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	87.1	54.5	21.8	7.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	90.8	50.8	21.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	98.0	50.8	18.2	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	105.3	50.8	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	119.8	54.5	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	130.7	58.1	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	145.2	54.5	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	163.4	54.5	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	177.9	50.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	185.2	47.2	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	221.5	43.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	344.9	36.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	700.8	32.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1307.1	29.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1463.3	32.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	922.3	25.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	486.5	25.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	243.3	25.4	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	112.6	18.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.2	10.9	7.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.8	10.9	7.3	7.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.9	10.9	10.9	7.3	7.3	3.6	3.6	0.0	0.0	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

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

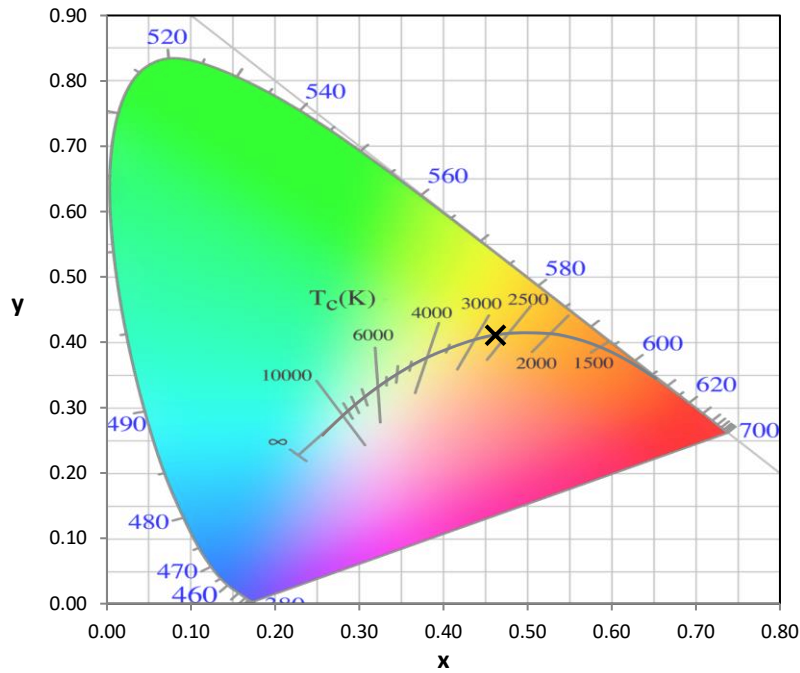
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

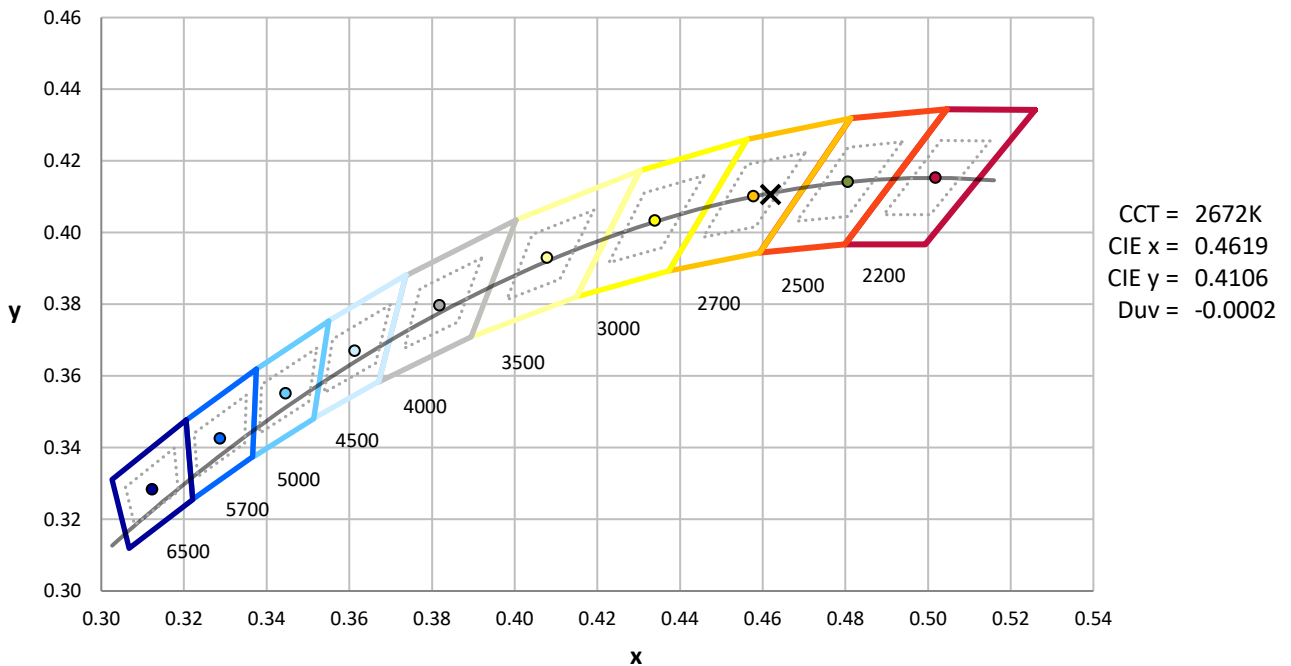
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 $\text{W}^\wedge/\text{nm}$	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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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

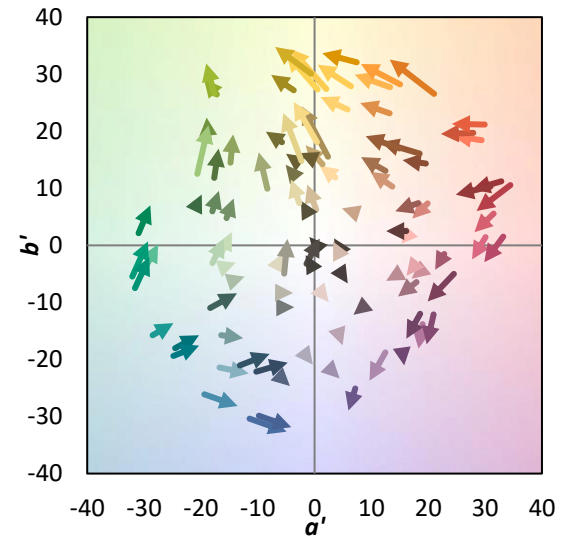
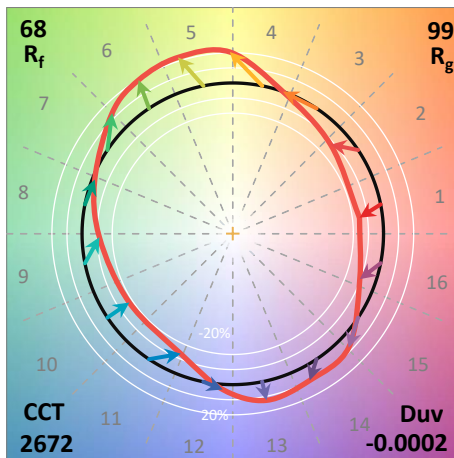
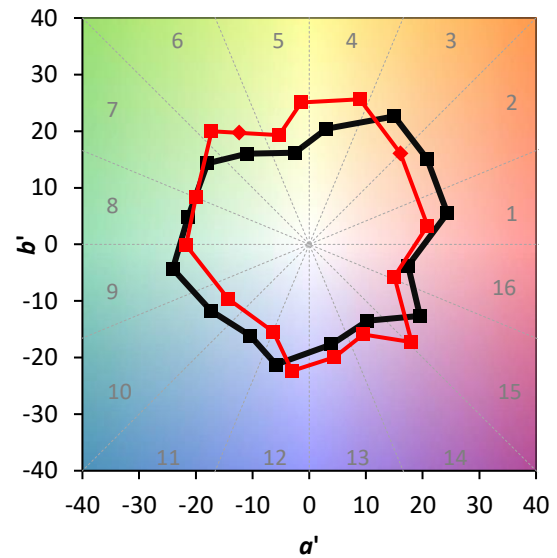
Summary

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

Spectral Power Distribution Comparison

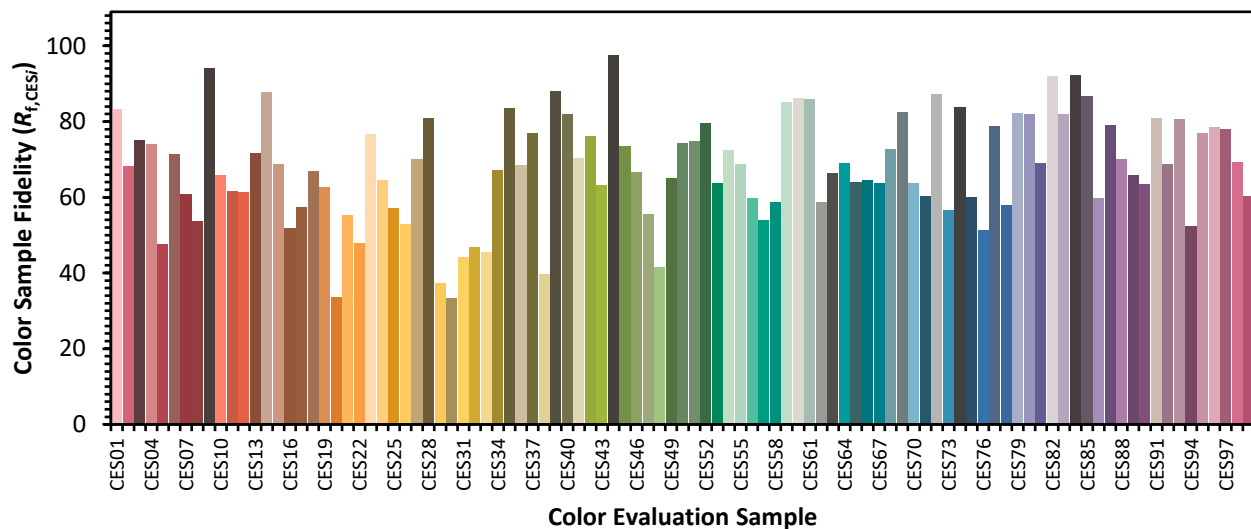


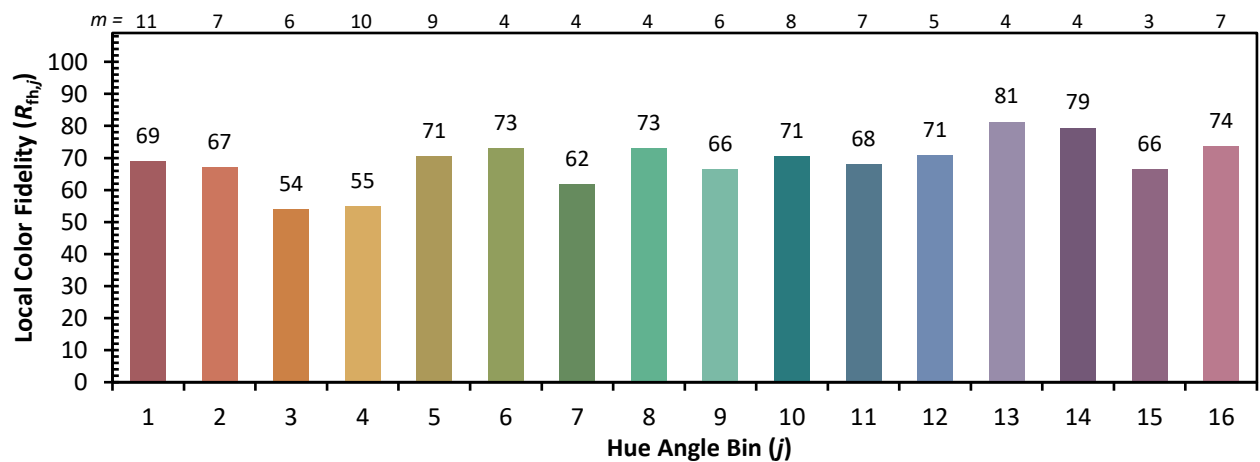
Color Vector Graphics



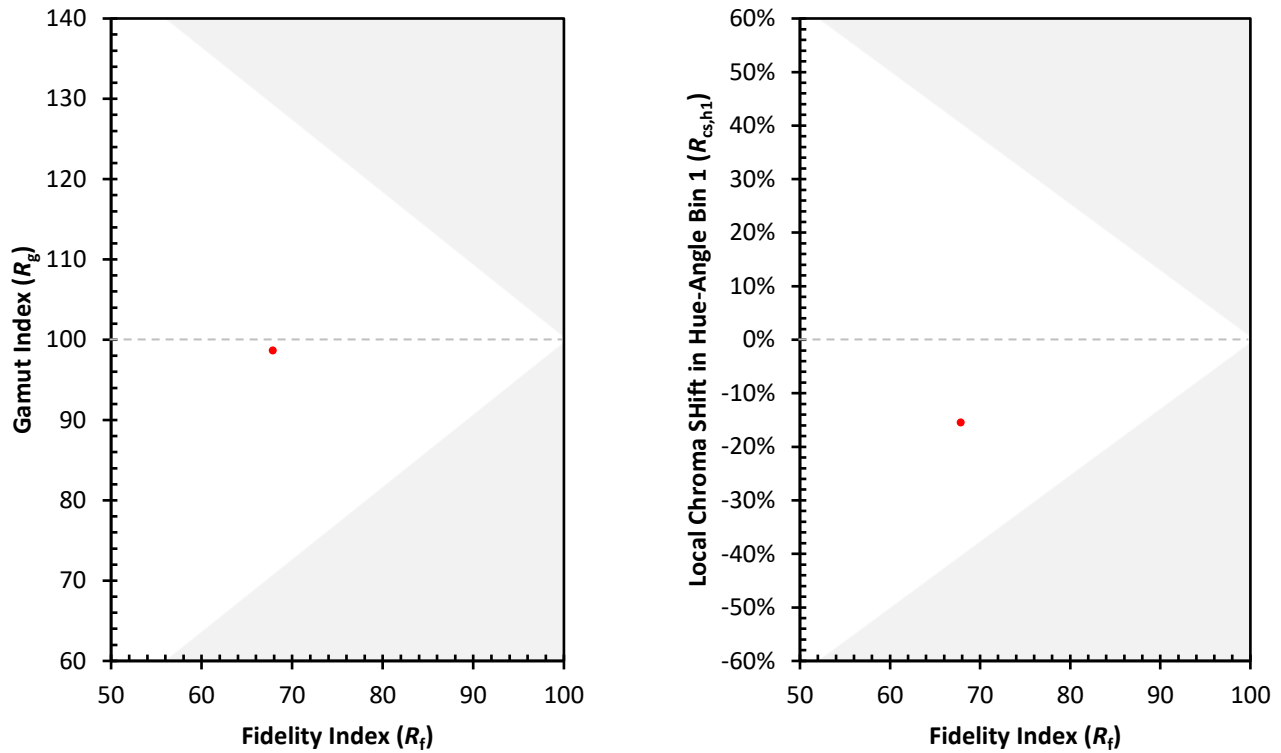
Individual Sample Fidelity Index ($R_{f,i}$)

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)