

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: P1048321

Luminaire Tested: **GALN-SA4A-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048321
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13424.9 lumens
Efficiency: N/A
Efficacy: 125.0 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): 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

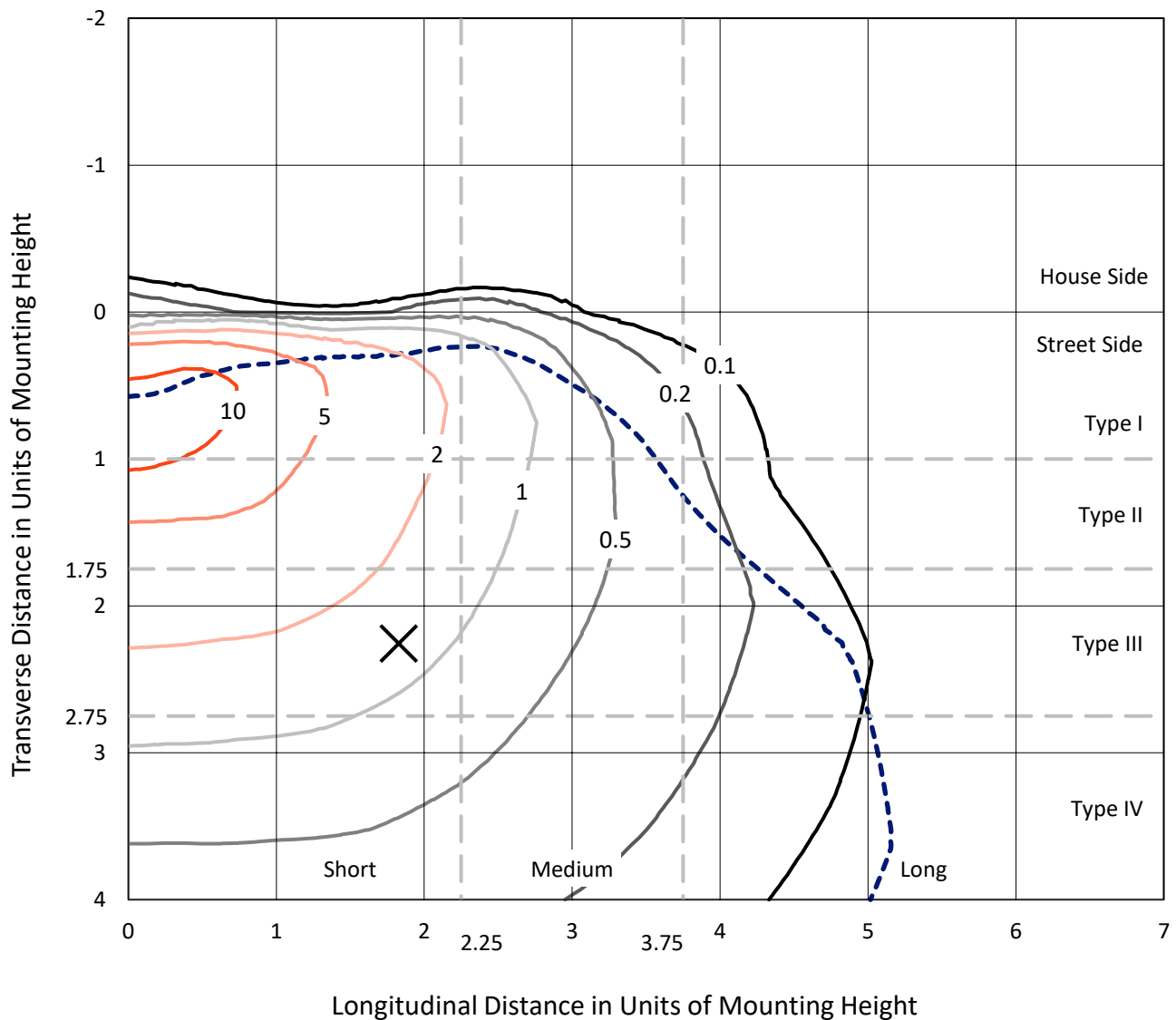


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

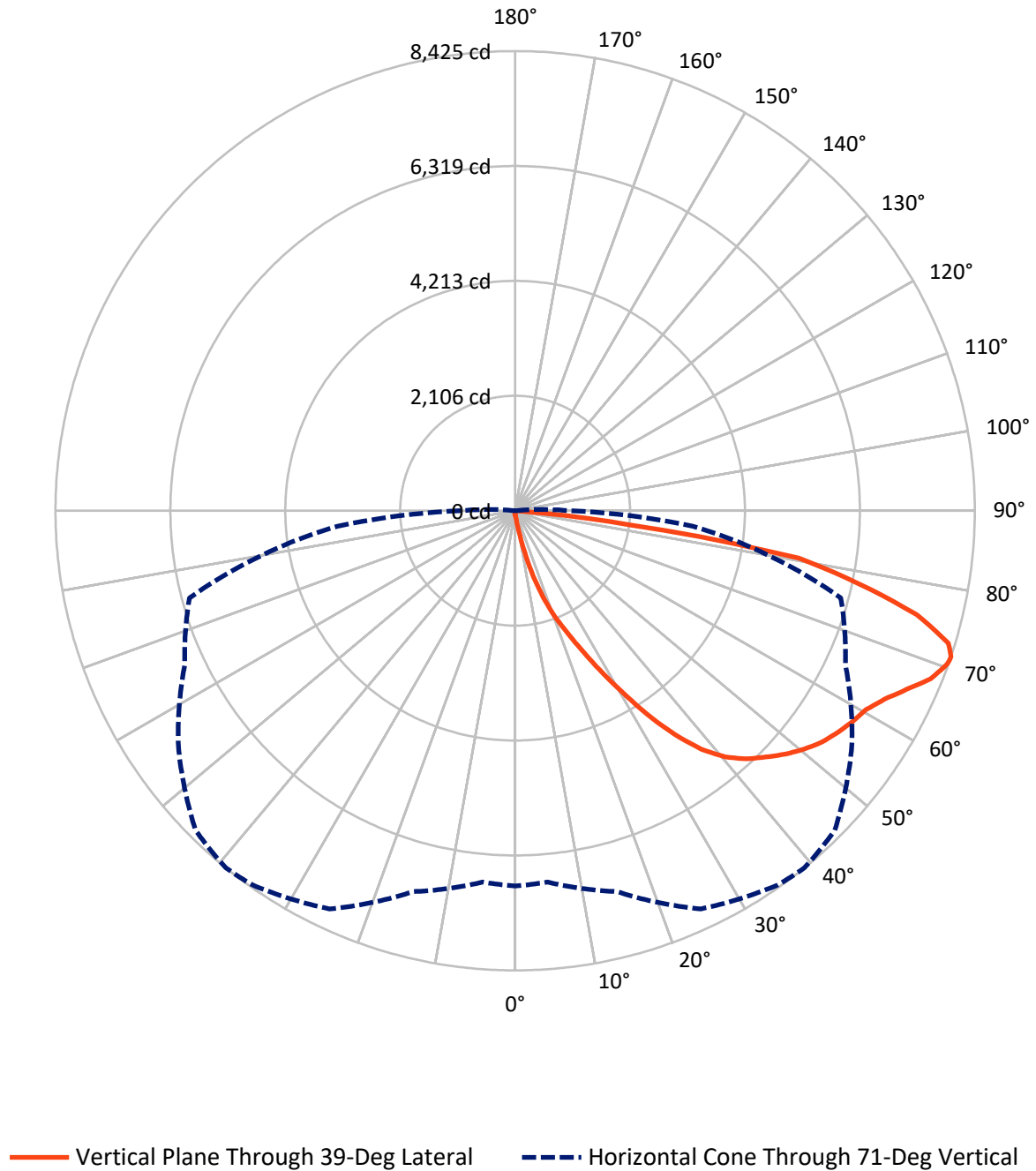


Based on 15 foot mounting height. Maximum calculated value = 13.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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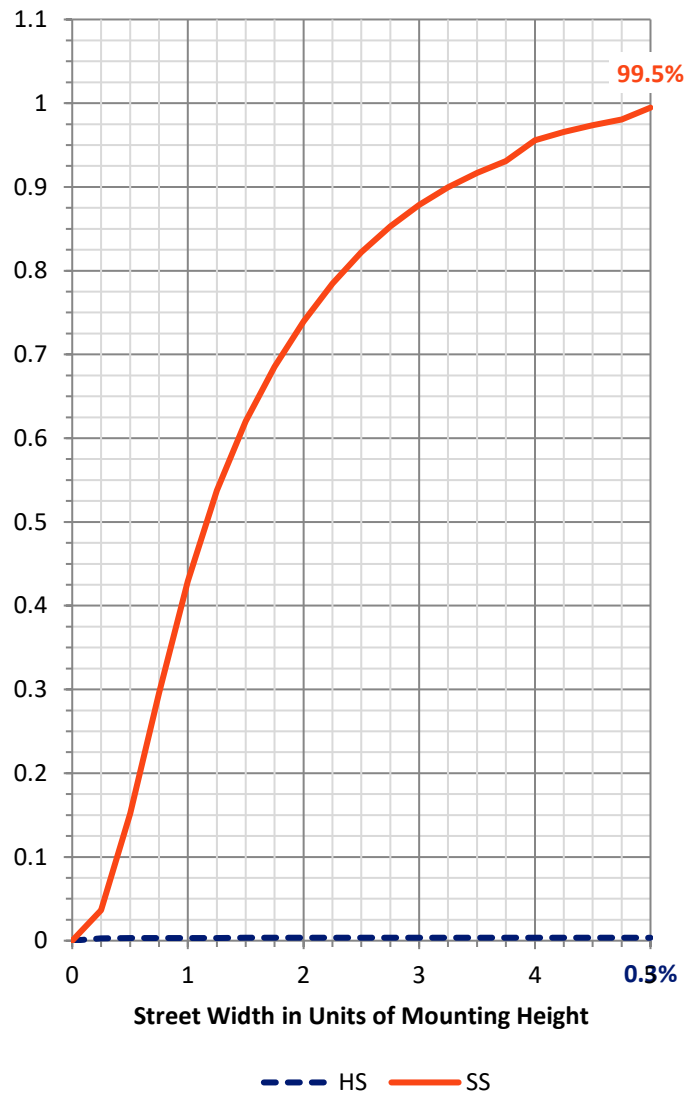
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.7	0.0	47.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13377.2	0.0	13377.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	13424.9	0.0	13424.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.1
10°-20°	143.5	1.1
20°-30°	511.0	3.8
30°-40°	1231.5	9.2
40°-50°	2061.0	15.4
50°-60°	2647.2	19.7
60°-70°	3350.0	25.0
70°-80°	2986.7	22.2
80°-90°	482.8	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°	13424.9	100.0
0°-180°	13424.9	100.0



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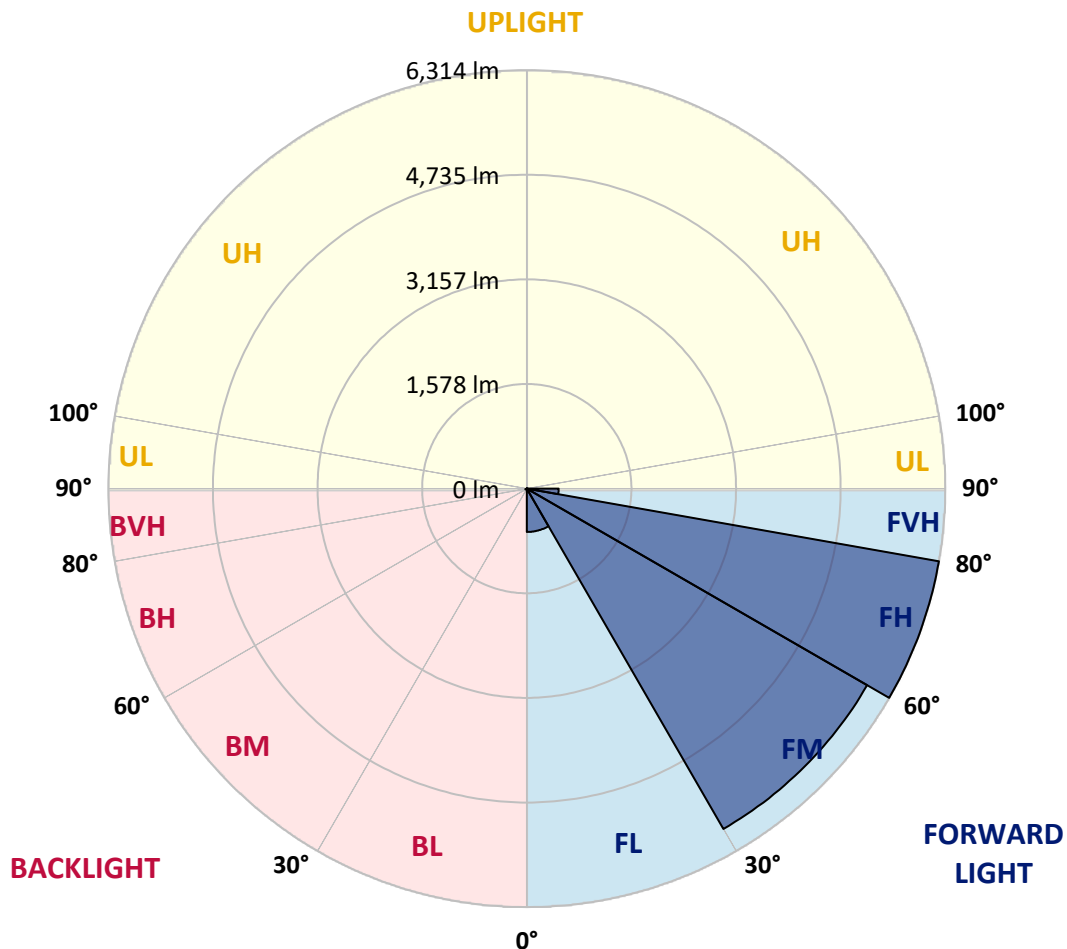
CATALOG NUMBER: GALN-SA4A-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	654.2	4.9			
FM	(30°-60°)	5928.7	44.2			
FH	(60°-80°)	6313.7	47.0			G3/7500
FVH	(80°-90°)	480.6	3.6			G3/500
BL	(0°-30°)	11.5	0.1	B0/110		
BM	(30°-60°)	11.0	0.1	B0/220		
BH	(60°-80°)	22.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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-G3

Type IV Short



REPORT NUMBER: P1048321

CATALOG NUMBER: GALN-SA4A-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
2.5°	84.5	84.5	84.5	81.8	81.8	80.9	80.0	80.0	78.2	77.2	75.4
5°	128.1	125.4	119.1	115.4	108.1	103.6	99.1	92.7	86.3	81.8	76.3
7.5°	289.9	296.3	275.4	236.3	196.3	179.0	150.0	120.9	100.0	86.3	77.2
10°	738.8	735.2	664.3	586.2	452.6	399.0	312.6	197.2	129.0	94.5	78.2
12.5°	1256.9	1253.2	1169.6	1063.3	887.0	775.2	611.6	368.1	185.4	107.2	78.2
15°	1692.2	1677.6	1651.3	1545.9	1339.6	1246.0	1029.7	650.7	299.9	129.0	80.0
17.5°	1980.3	1967.5	1943.0	1904.8	1774.0	1663.1	1489.5	1022.4	485.3	167.2	83.6
20°	2244.7	2235.6	2215.6	2208.4	2123.9	2064.8	1921.2	1449.5	756.1	227.2	89.1
22.5°	2608.2	2589.2	2597.3	2553.7	2471.0	2400.1	2312.0	1896.7	1086.9	327.2	99.1
25°	3053.5	3044.5	3021.7	2990.8	2876.3	2814.5	2679.1	2318.3	1456.8	458.0	110.0
27.5°	3591.6	3581.6	3576.1	3505.2	3373.4	3306.2	3117.2	2716.4	1873.0	641.6	124.5
30°	4211.3	4215.9	4180.4	4089.6	3936.0	3841.5	3647.0	3133.5	2299.2	857.0	140.0
32.5°	4853.0	4843.9	4789.3	4682.1	4544.9	4456.7	4209.5	3590.6	2746.4	1141.4	158.1
35°	5544.5	5527.3	5383.7	5261.0	5143.8	5032.9	4807.5	4121.4	3193.5	1460.4	182.7
37.5°	6242.5	6161.6	5873.5	5718.1	5637.2	5546.4	5336.4	4687.6	3637.9	1816.7	212.7
40°	6769.6	6706.9	6365.2	6078.9	6014.4	5937.1	5780.8	5176.5	4110.5	2199.3	249.0
42.5°	7061.3	7026.8	6719.6	6437.0	6285.2	6217.1	6083.5	5603.6	4577.6	2621.9	301.7
45°	7185.8	7132.2	6926.8	6795.0	6553.3	6440.6	6281.6	5926.2	5065.6	3101.7	375.3
47.5°	7147.7	7116.8	6969.5	7017.7	6842.3	6666.9	6433.3	6173.4	5482.8	3652.4	476.2
50°	6907.7	6881.4	6835.9	7096.8	7075.0	6867.8	6629.6	6368.8	5823.5	4220.4	632.5
52.5°	6451.5	6440.6	6556.9	7035.0	7206.7	7045.0	6818.7	6541.5	6141.6	4813.9	856.1
55°	5863.5	5908.1	6240.7	6938.6	7274.0	7175.8	6985.9	6703.3	6397.0	5344.6	1186.0
57.5°	5621.8	5633.6	6048.9	6870.5	7304.0	7291.2	7148.6	6857.8	6631.5	5769.0	1689.4
60°	5904.4	5886.3	6105.3	6922.3	7364.0	7394.9	7293.1	7001.3	6835.0	6133.4	2360.1
62.5°	6415.2	6405.2	6475.2	7143.1	7539.3	7602.1	7493.9	7104.9	7015.0	6373.4	3125.3
65°	6871.4	6850.5	6980.4	7534.8	7847.4	7892.0	7797.4	7282.2	7094.0	6547.9	3844.2
67.5°	7068.6	7064.1	7273.1	7907.4	8171.0	8219.1	8136.4	7526.6	7075.9	6603.3	4161.4
70°	6978.6	6961.4	7295.8	8065.5	8353.6	8408.2	8328.2	7617.5	6878.7	6427.9	3691.5
71°	6879.6	6833.2	7227.6	8054.6	8379.1	8425.4	8285.5	7534.8	6680.5	6178.9	3265.3
72.5°	6572.4	6580.6	7040.4	7941.0	8318.2	8304.6	8043.7	7238.5	6441.5	5613.6	2622.8
75°	5816.3	5864.4	6434.3	7463.9	7774.7	7601.1	7202.2	6672.4	5961.7	4025.0	1821.2
77.5°	4753.0	4824.8	5450.9	6546.0	6457.9	6440.6	6424.3	5879.0	5091.1	2162.0	1266.9
80°	2269.3	2424.7	3288.0	4673.0	5076.5	5271.9	5149.2	4737.5	3936.9	1029.7	757.0
82.5°	148.1	146.3	207.2	392.6	1654.9	2139.3	3398.9	3386.2	2744.6	501.7	309.0
85°	70.0	71.8	79.1	90.0	104.5	114.5	158.1	927.0	1313.2	239.0	67.3
87.5°	40.9	41.8	49.1	62.7	81.8	90.9	108.1	139.0	170.9	131.8	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-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
2.5°	74.5	73.6	70.9	68.2	65.4	63.6	62.7	63.6	63.6	64.5	64.5
5°	74.5	71.8	67.3	61.8	58.2	54.5	52.7	51.8	52.7	52.7	52.7
7.5°	73.6	69.1	62.7	56.3	51.8	47.3	45.4	44.5	44.5	45.4	45.4
10°	71.8	67.3	59.1	51.8	46.3	40.9	38.2	35.4	35.4	35.4	36.4
12.5°	70.9	64.5	54.5	47.3	40.0	33.6	28.2	25.4	26.4	26.4	26.4
15°	69.1	61.8	51.8	42.7	33.6	25.4	20.9	18.2	19.1	20.0	19.1
17.5°	69.1	60.9	48.2	37.3	26.4	19.1	15.4	13.6	13.6	14.5	14.5
20°	69.1	59.1	45.4	31.8	20.0	14.5	10.9	10.0	10.0	11.8	12.7
22.5°	70.9	59.1	41.8	26.4	16.4	10.9	8.2	7.3	8.2	10.0	10.9
25°	73.6	58.2	38.2	23.6	13.6	8.2	6.4	4.5	5.5	7.3	8.2
27.5°	76.3	57.3	34.5	20.9	10.9	6.4	4.5	3.6	2.7	3.6	3.6
30°	79.1	57.3	30.9	17.3	9.1	4.5	2.7	1.8	0.9	0.0	0.0
32.5°	80.9	55.4	28.2	13.6	7.3	3.6	1.8	0.9	0.0	0.0	0.0
35°	82.7	53.6	24.5	10.9	5.5	2.7	0.9	0.0	0.0	0.0	0.0
37.5°	84.5	50.9	20.9	9.1	4.5	1.8	0.0	0.0	0.0	0.0	0.0
40°	86.3	47.3	17.3	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	88.2	44.5	14.5	6.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	92.7	42.7	11.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	100.9	40.9	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	112.7	39.1	10.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	129.0	38.2	9.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	158.1	37.3	8.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	208.1	36.4	8.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	319.0	34.5	8.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	569.8	33.6	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	993.3	34.5	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1424.1	36.4	6.4	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1218.7	31.8	6.4	3.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	993.3	28.2	6.4	3.6	1.8	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	638.9	21.8	5.5	3.6	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	269.9	18.2	5.5	3.6	2.7	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	115.4	13.6	5.5	4.5	3.6	2.7	2.7	1.8	0.9	0.0	0.0
80°	43.6	10.9	6.4	5.5	4.5	4.5	3.6	1.8	0.9	0.0	0.0
82.5°	20.0	9.1	6.4	5.5	5.5	4.5	3.6	2.7	1.8	0.0	0.0
85°	12.7	8.2	6.4	5.5	5.5	4.5	4.5	2.7	1.8	0.0	0.0
87.5°	10.0	8.2	6.4	6.4	5.5	5.5	3.6	2.7	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: SP1-2407-184-3

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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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			

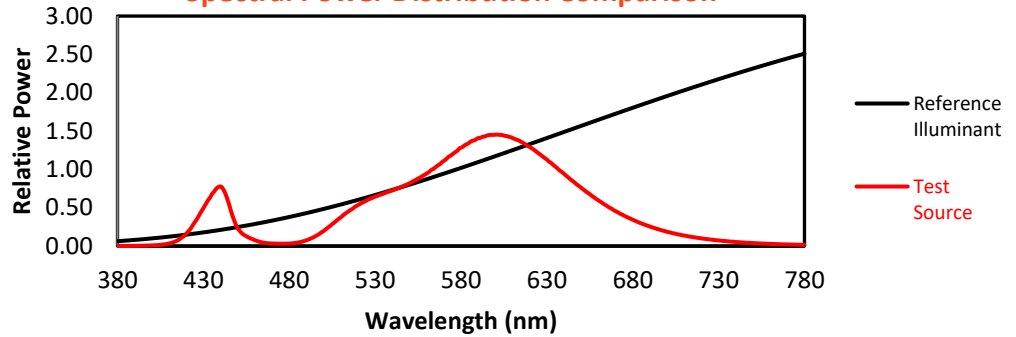
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TM-30-18

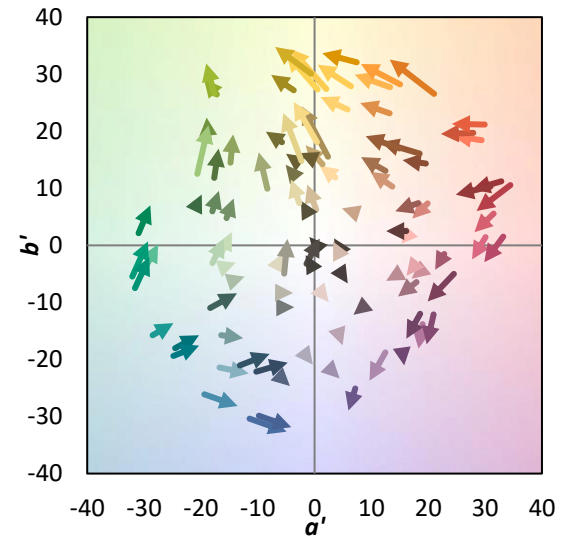
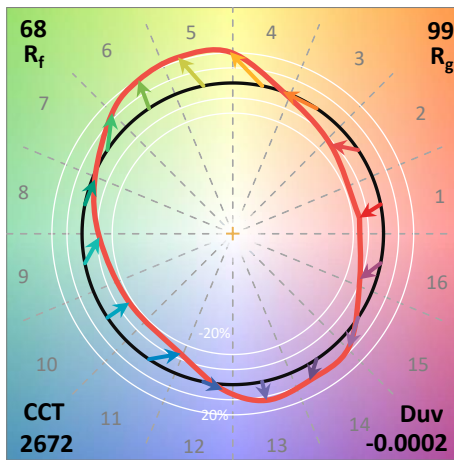
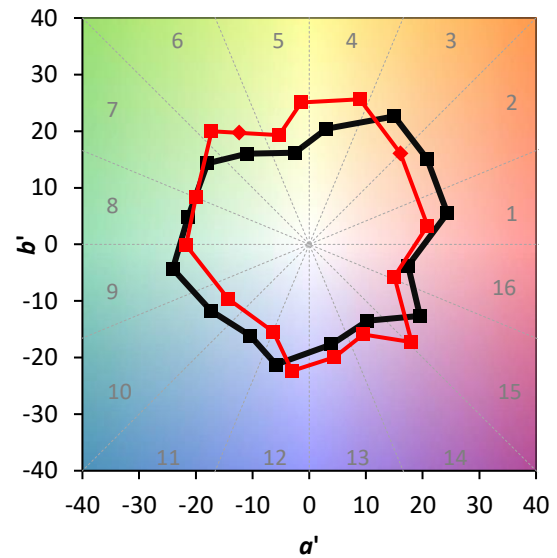
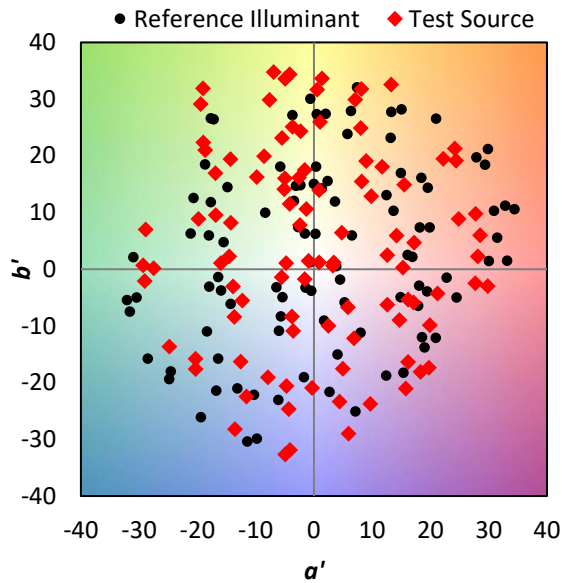
Summary

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

Spectral Power Distribution Comparison

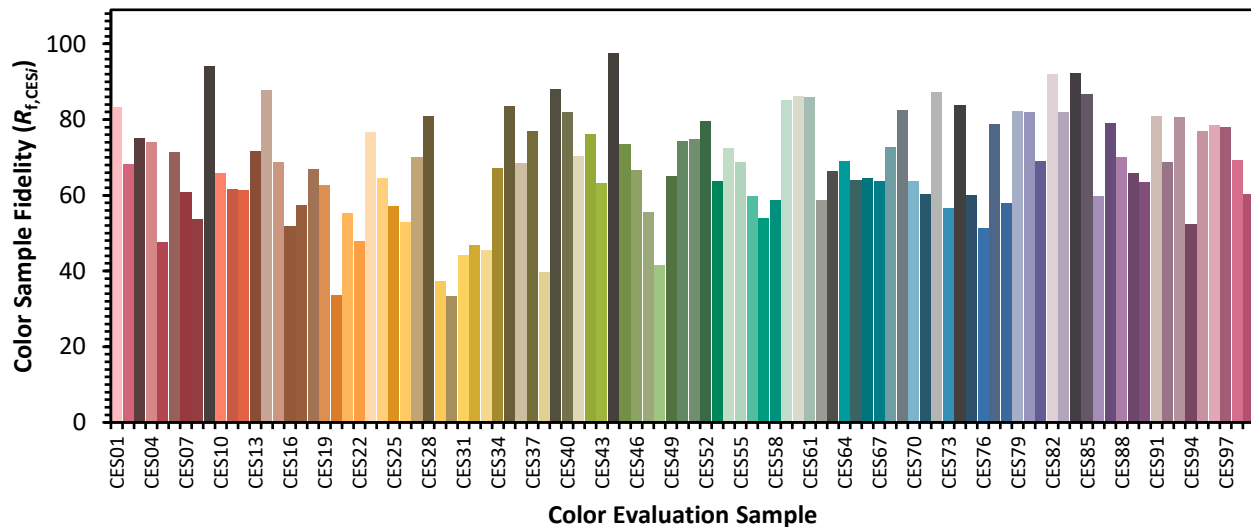


Color Vector Graphics

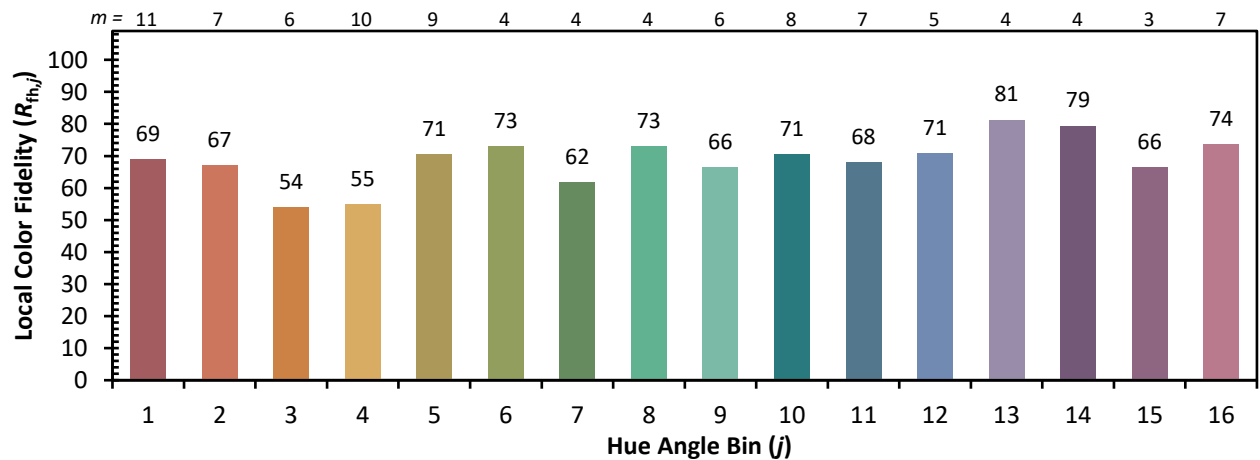


Individual Sample Fidelity Index ($R_{f,i}$)

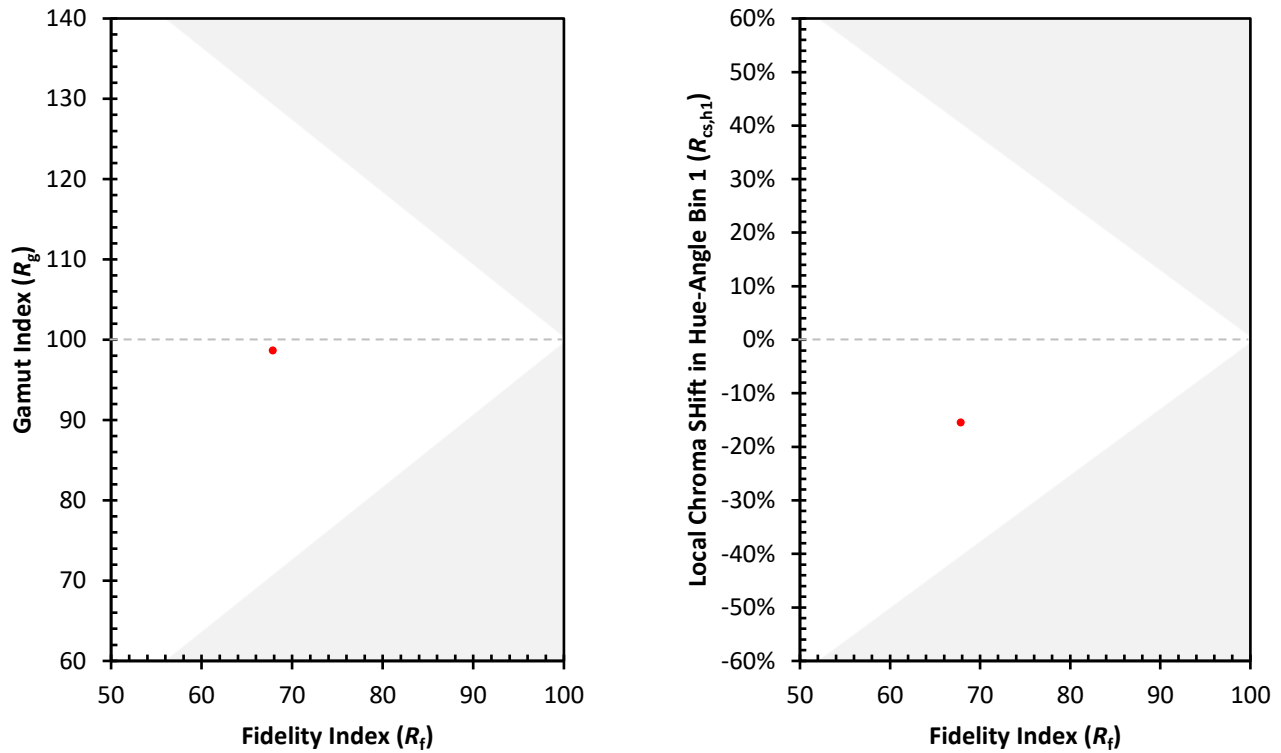
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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)