

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: P1048331

Luminaire Tested: **GALN-SA6C-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048331
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30562.8 lumens
Efficiency: N/A
Efficacy: 108.2 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): 282.5
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

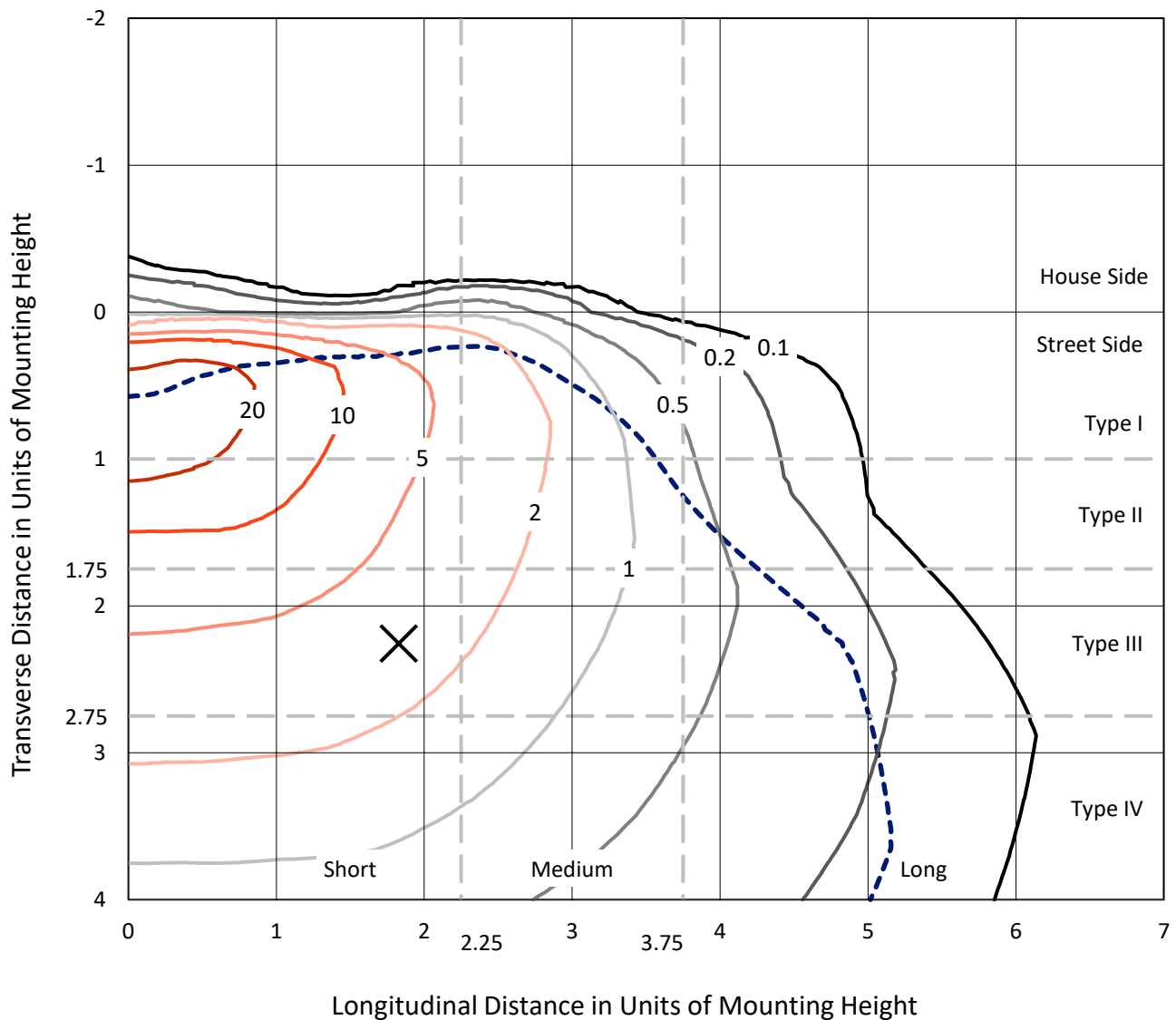


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

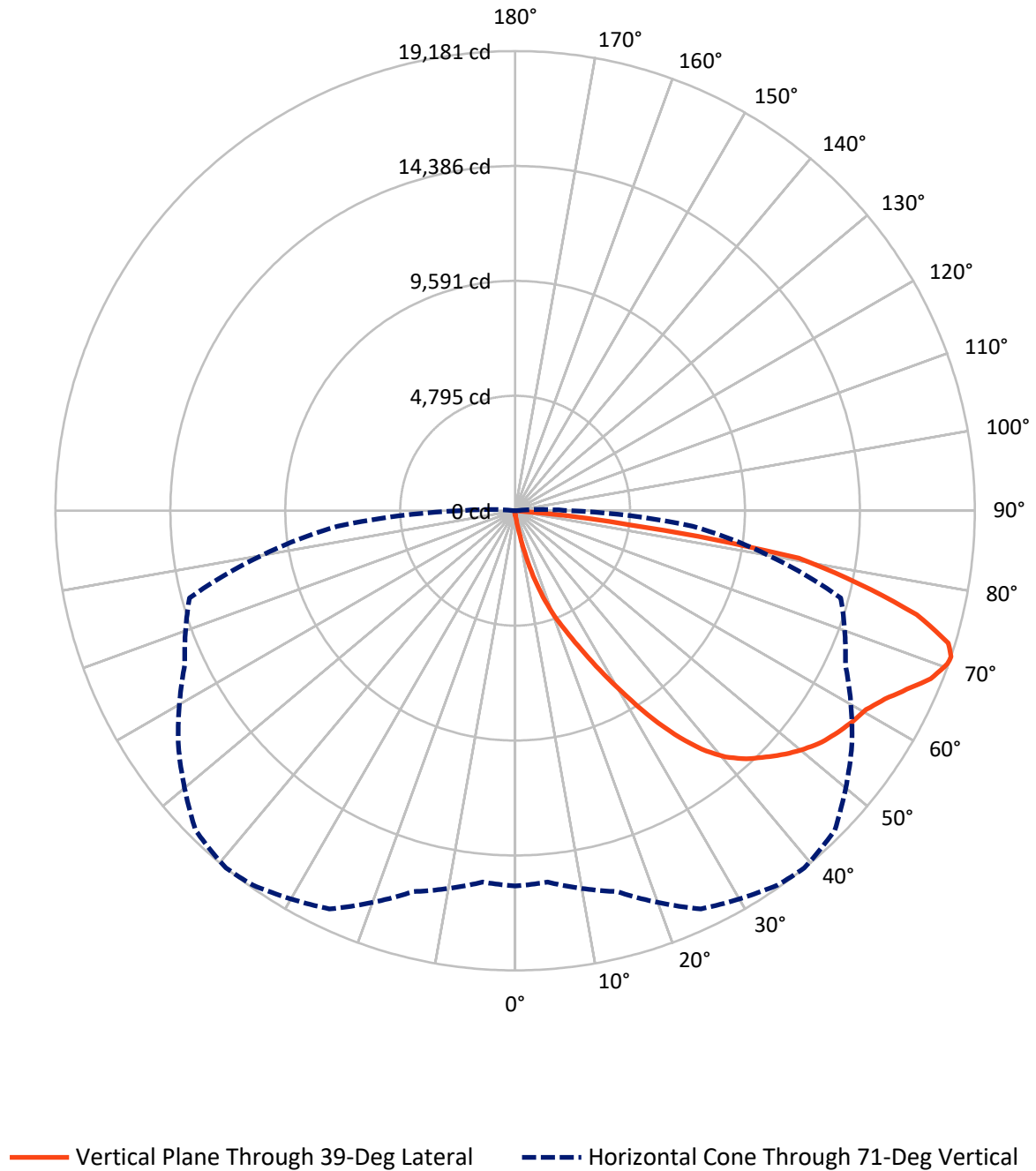


Based on 15 foot mounting height. Maximum calculated value = 31.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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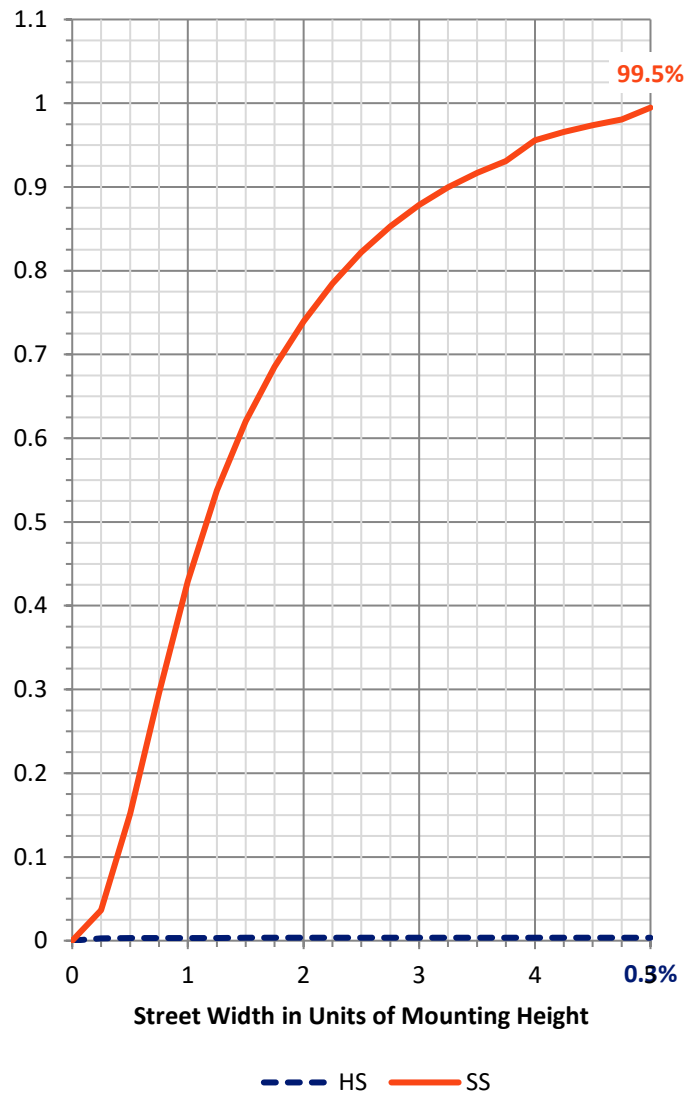
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	108.6	0.0	108.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30454.2	0.0	30454.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	30562.8	0.0	30562.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	0.1
10°-20°	326.7	1.1
20°-30°	1163.3	3.8
30°-40°	2803.7	9.2
40°-50°	4692.1	15.4
50°-60°	6026.5	19.7
60°-70°	7626.6	25.0
70°-80°	6799.4	22.2
80°-90°	1099.1	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°	30562.8	100.0
0°-180°	30562.8	100.0



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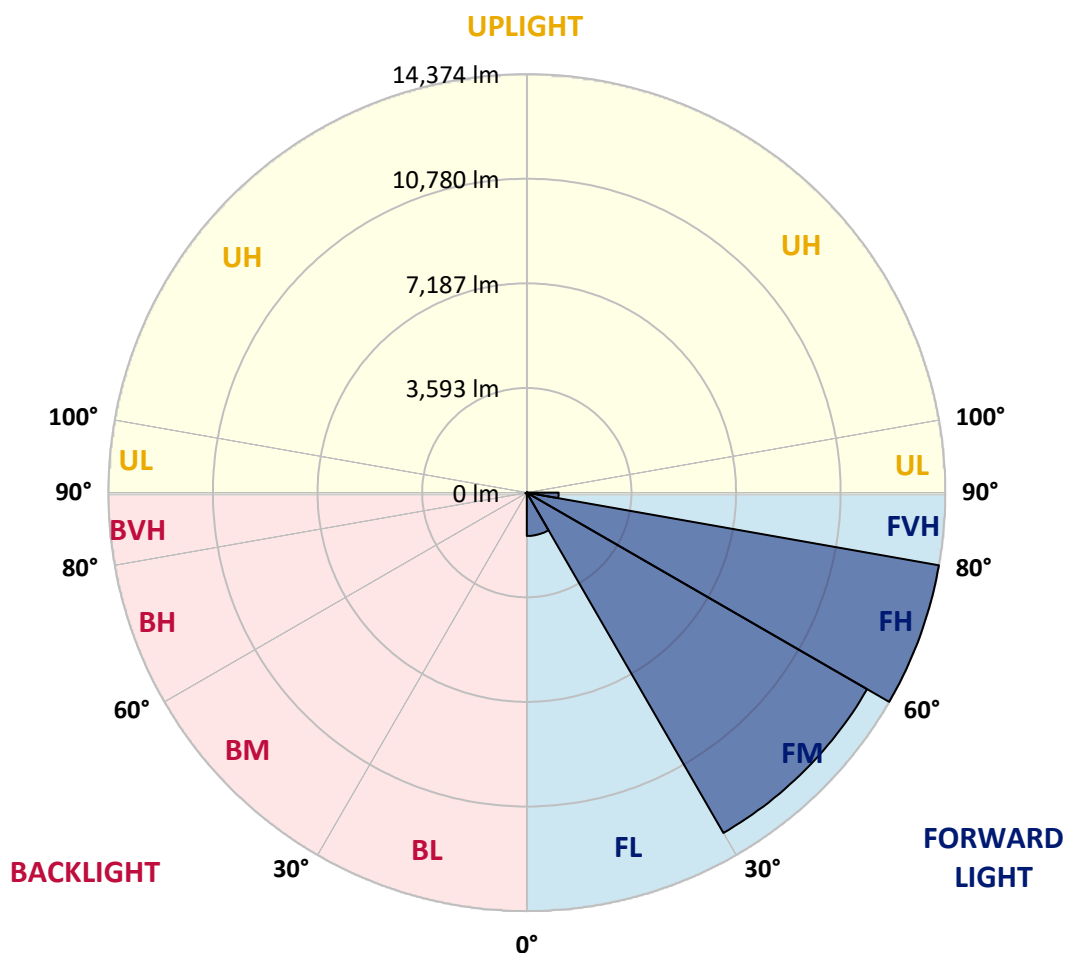
CATALOG NUMBER: GALN-SA6C-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1489.2	4.9			
FM	(30°-60°)	13497.1	44.2			
FH	(60°-80°)	14373.7	47.0			G5
FVH	(80°-90°)	1094.1	3.6			G5
BL	(0°-30°)	26.3	0.1	B0/110		
BM	(30°-60°)	25.1	0.1	B0/220		
BH	(60°-80°)	52.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.0	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: P1048331

CATALOG NUMBER: GALN-SA6C-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6
2.5°	192.4	192.4	192.4	186.2	186.2	184.1	182.1	182.1	177.9	175.9	171.7
5°	291.7	285.5	271.0	262.8	246.2	235.9	225.5	211.0	196.5	186.2	173.8
7.5°	660.0	674.5	626.9	537.9	446.9	407.6	341.4	275.2	227.6	196.5	175.9
10°	1682.0	1673.8	1512.4	1334.5	1030.3	908.3	711.7	449.0	293.8	215.2	177.9
12.5°	2861.3	2853.1	2662.7	2420.7	2019.3	1764.8	1392.4	837.9	422.1	244.1	177.9
15°	3852.4	3819.3	3759.3	3519.3	3049.6	2836.5	2344.1	1481.4	682.7	293.8	182.1
17.5°	4508.2	4479.3	4423.4	4336.5	4038.6	3786.2	3391.0	2327.6	1104.8	380.7	190.3
20°	5110.3	5089.6	5044.1	5027.5	4835.1	4700.6	4373.7	3300.0	1721.4	517.2	202.8
22.5°	5937.9	5894.4	5913.0	5813.7	5625.4	5464.1	5263.4	4317.9	2474.5	744.8	225.5
25°	6951.6	6930.9	6879.2	6808.9	6548.2	6407.5	6099.2	5277.9	3316.5	1042.7	250.3
27.5°	8176.4	8153.7	8141.3	7979.9	7679.9	7526.8	7096.5	6184.1	4264.1	1460.7	283.4
30°	9587.5	9597.8	9517.1	9310.2	8960.6	8745.4	8302.7	7133.7	5234.4	1951.0	318.6
32.5°	11048.1	11027.4	10903.3	10659.2	10346.8	10146.1	9583.3	8174.4	6252.3	2598.6	360.0
35°	12622.6	12583.3	12256.4	11977.1	11710.2	11457.8	10944.7	9382.6	7270.3	3324.8	415.9
37.5°	14211.5	14027.4	13371.6	13017.8	12833.6	12626.7	12148.8	10671.6	8282.0	4135.8	484.1
40°	15411.5	15268.8	14490.8	13839.1	13692.2	13516.4	13160.5	11784.7	9357.8	5006.8	566.9
42.5°	16075.7	15997.0	15297.7	14654.3	14308.8	14153.6	13849.5	12757.1	10421.2	5968.9	686.9
45°	16359.1	16237.0	15769.5	15469.5	14919.1	14662.6	14300.5	13491.5	11532.3	7061.3	854.5
47.5°	16272.2	16201.9	15866.7	15976.3	15577.0	15177.7	14646.0	14054.3	12481.9	8315.1	1084.1
50°	15726.0	15666.0	15562.6	16156.3	16106.7	15635.0	15092.9	14499.1	13257.8	9608.2	1440.0
52.5°	14687.4	14662.6	14927.4	16015.7	16406.7	16038.4	15523.2	14892.2	13981.9	10959.2	1948.9
55°	13348.8	13450.2	14207.4	15796.3	16559.8	16336.3	15903.9	15260.5	14563.3	12167.4	2700.0
57.5°	12798.5	12825.4	13770.9	15641.2	16628.1	16599.1	16274.3	15612.2	15097.0	13133.6	3846.2
60°	13441.9	13400.5	13899.1	15759.1	16764.6	16835.0	16603.2	15939.1	15560.5	13963.3	5373.0
62.5°	14604.6	14581.9	14741.2	16261.9	17163.9	17306.7	17060.5	16175.0	15970.1	14509.5	7115.1
65°	15643.2	15595.7	15891.5	17153.6	17865.3	17966.7	17751.5	16578.4	16150.1	14906.7	8751.6
67.5°	16092.2	16081.9	16557.7	18001.8	18601.8	18711.5	18523.2	17134.9	16108.8	15032.9	9473.7
70°	15887.4	15848.1	16609.4	18361.8	19017.7	19141.8	18959.8	17341.8	15659.8	14633.6	8404.0
71°	15661.9	15556.3	16454.3	18337.0	19075.6	19181.1	18862.5	17153.6	15208.8	14066.7	7433.7
72.5°	14962.6	14981.2	16028.1	18078.4	18937.0	18906.0	18312.2	16479.1	14664.6	12779.8	5971.0
75°	13241.2	13350.9	14648.1	16992.2	17699.8	17304.6	16396.3	15190.1	13572.2	9163.3	4146.2
77.5°	10820.5	10984.0	12409.5	14902.6	14701.9	14662.6	14625.3	13384.0	11590.2	4922.0	2884.1
80°	5166.1	5519.9	7485.4	10638.5	11557.1	12001.9	11722.6	10785.4	8962.6	2344.1	1723.4
82.5°	337.2	333.1	471.7	893.8	3767.5	4870.3	7737.8	7708.9	6248.2	1142.1	703.4
85°	159.3	163.4	180.0	204.8	237.9	260.7	360.0	2110.3	2989.6	544.1	153.1
87.5°	93.1	95.2	111.7	142.8	186.2	206.9	246.2	316.5	389.0	300.0	33.1
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-SA6C-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6
2.5°	169.7	167.6	161.4	155.2	149.0	144.8	142.8	144.8	144.8	146.9	146.9
5°	169.7	163.4	153.1	140.7	132.4	124.1	120.0	117.9	120.0	120.0	120.0
7.5°	167.6	157.2	142.8	128.3	117.9	107.6	103.4	101.4	101.4	103.4	103.4
10°	163.4	153.1	134.5	117.9	105.5	93.1	86.9	80.7	80.7	80.7	82.8
12.5°	161.4	146.9	124.1	107.6	91.0	76.6	64.1	57.9	60.0	60.0	60.0
15°	157.2	140.7	117.9	97.2	76.6	57.9	47.6	41.4	43.4	45.5	43.4
17.5°	157.2	138.6	109.7	84.8	60.0	43.4	35.2	31.0	31.0	33.1	33.1
20°	157.2	134.5	103.4	72.4	45.5	33.1	24.8	22.8	22.8	26.9	29.0
22.5°	161.4	134.5	95.2	60.0	37.2	24.8	18.6	16.6	18.6	22.8	24.8
25°	167.6	132.4	86.9	53.8	31.0	18.6	14.5	10.3	12.4	16.6	18.6
27.5°	173.8	130.3	78.6	47.6	24.8	14.5	10.3	8.3	6.2	8.3	8.3
30°	180.0	130.3	70.3	39.3	20.7	10.3	6.2	4.1	2.1	0.0	0.0
32.5°	184.1	126.2	64.1	31.0	16.6	8.3	4.1	2.1	0.0	0.0	0.0
35°	188.3	122.1	55.9	24.8	12.4	6.2	2.1	0.0	0.0	0.0	0.0
37.5°	192.4	115.9	47.6	20.7	10.3	4.1	0.0	0.0	0.0	0.0	0.0
40°	196.5	107.6	39.3	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	200.7	101.4	33.1	14.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	211.0	97.2	26.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	229.7	93.1	24.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	256.5	89.0	22.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	293.8	86.9	20.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	360.0	84.8	18.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	473.8	82.8	18.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	726.2	78.6	18.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1297.2	76.6	16.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2261.3	78.6	16.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3242.0	82.8	14.5	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	2774.4	72.4	14.5	8.3	4.1	2.1	0.0	0.0	0.0	0.0	0.0
71°	2261.3	64.1	14.5	8.3	4.1	2.1	2.1	0.0	0.0	0.0	0.0
72.5°	1454.5	49.7	12.4	8.3	4.1	4.1	2.1	0.0	0.0	0.0	0.0
75°	614.5	41.4	12.4	8.3	6.2	4.1	4.1	2.1	0.0	0.0	0.0
77.5°	262.8	31.0	12.4	10.3	8.3	6.2	6.2	4.1	2.1	0.0	0.0
80°	99.3	24.8	14.5	12.4	10.3	10.3	8.3	4.1	2.1	0.0	0.0
82.5°	45.5	20.7	14.5	12.4	12.4	10.3	8.3	6.2	4.1	0.0	0.0
85°	29.0	18.6	14.5	12.4	12.4	10.3	10.3	6.2	4.1	0.0	0.0
87.5°	22.8	18.6	14.5	14.5	12.4	12.4	8.3	6.2	2.1	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

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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 $\text{W}^\wedge/\text{nm}$	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 $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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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TM-30-18

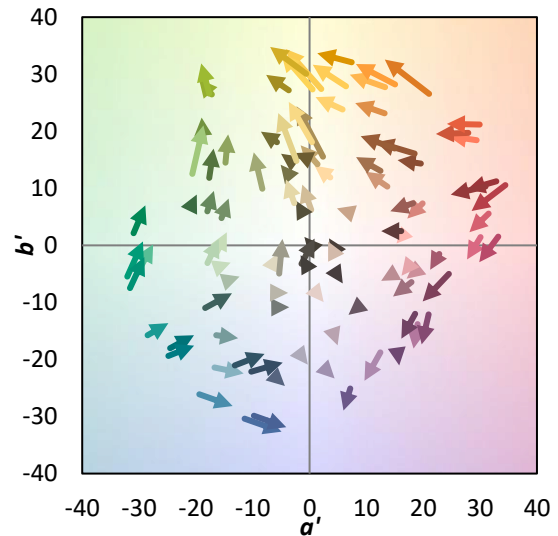
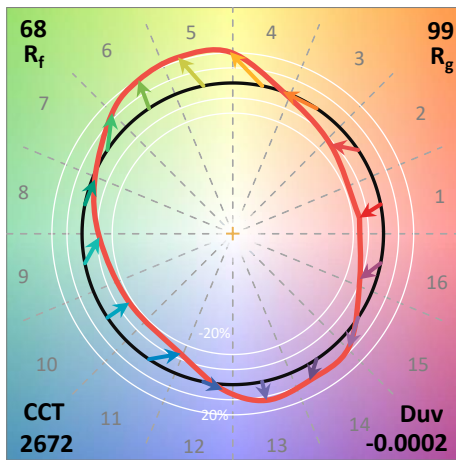
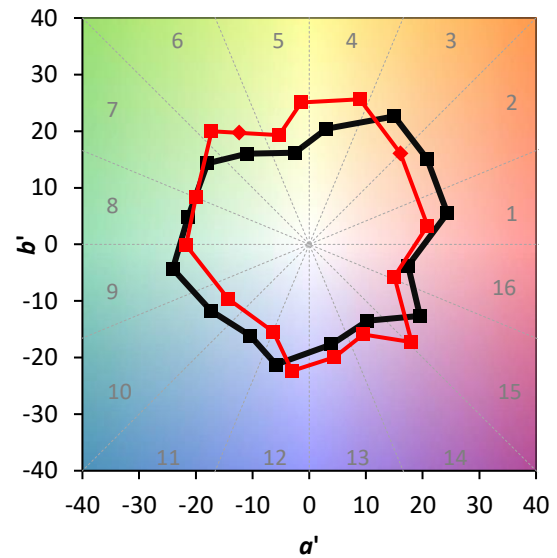
Summary

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

Spectral Power Distribution Comparison

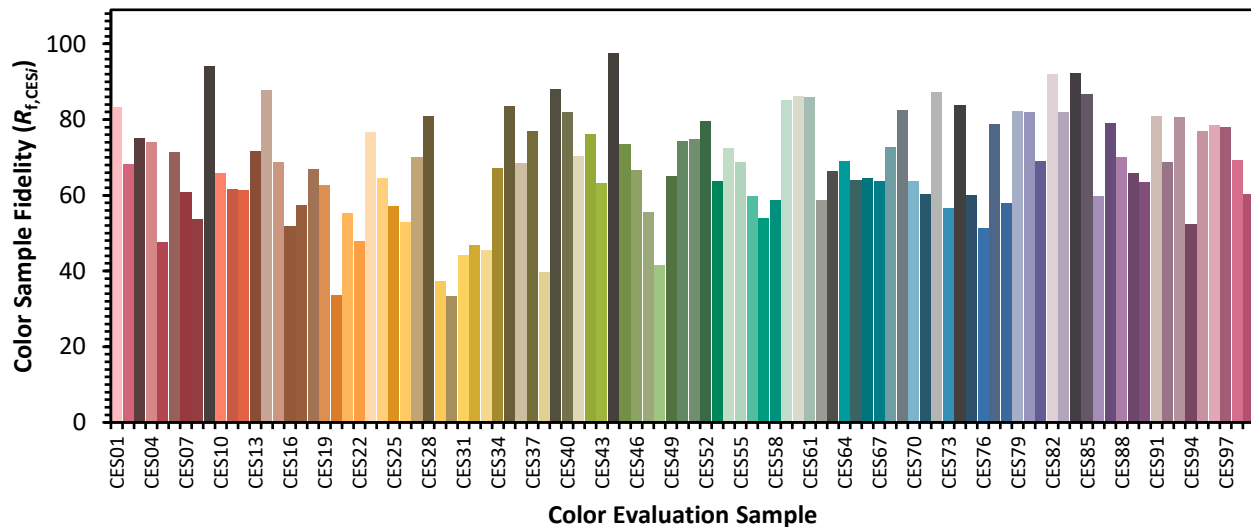


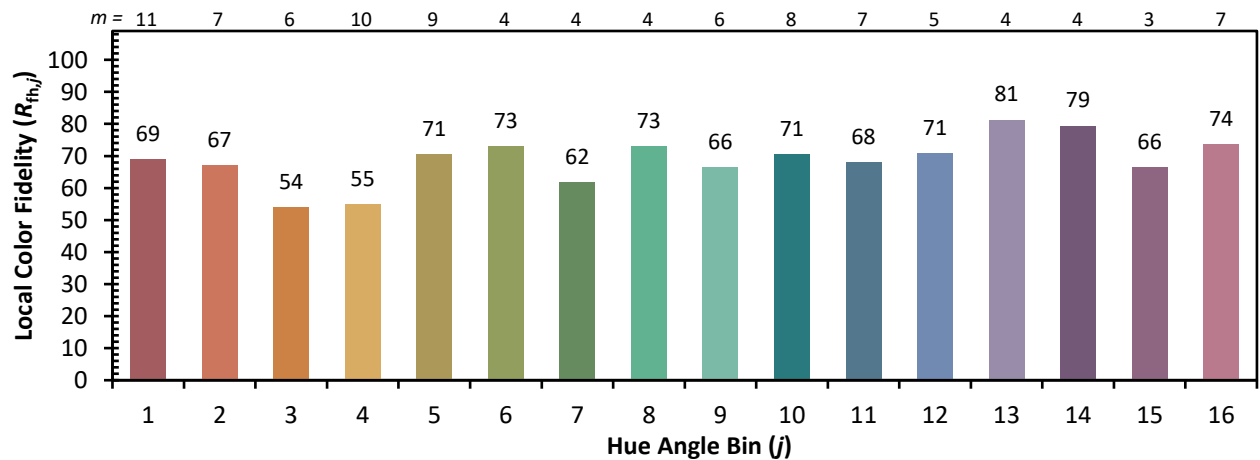
Color Vector Graphics



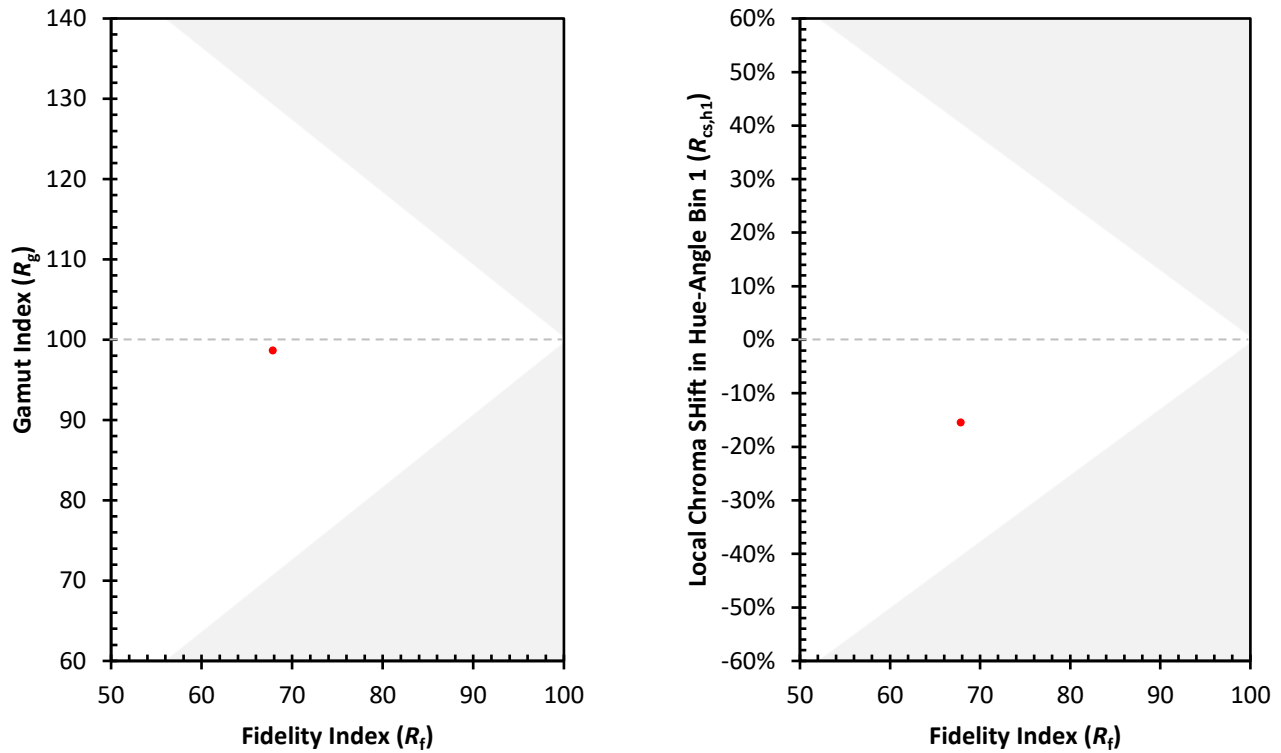
Individual Sample Fidelity Index ($R_{f,i}$)

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)