

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: P1047114

Luminaire Tested: **GALN-SA8B-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047114
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34043.5 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.8
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

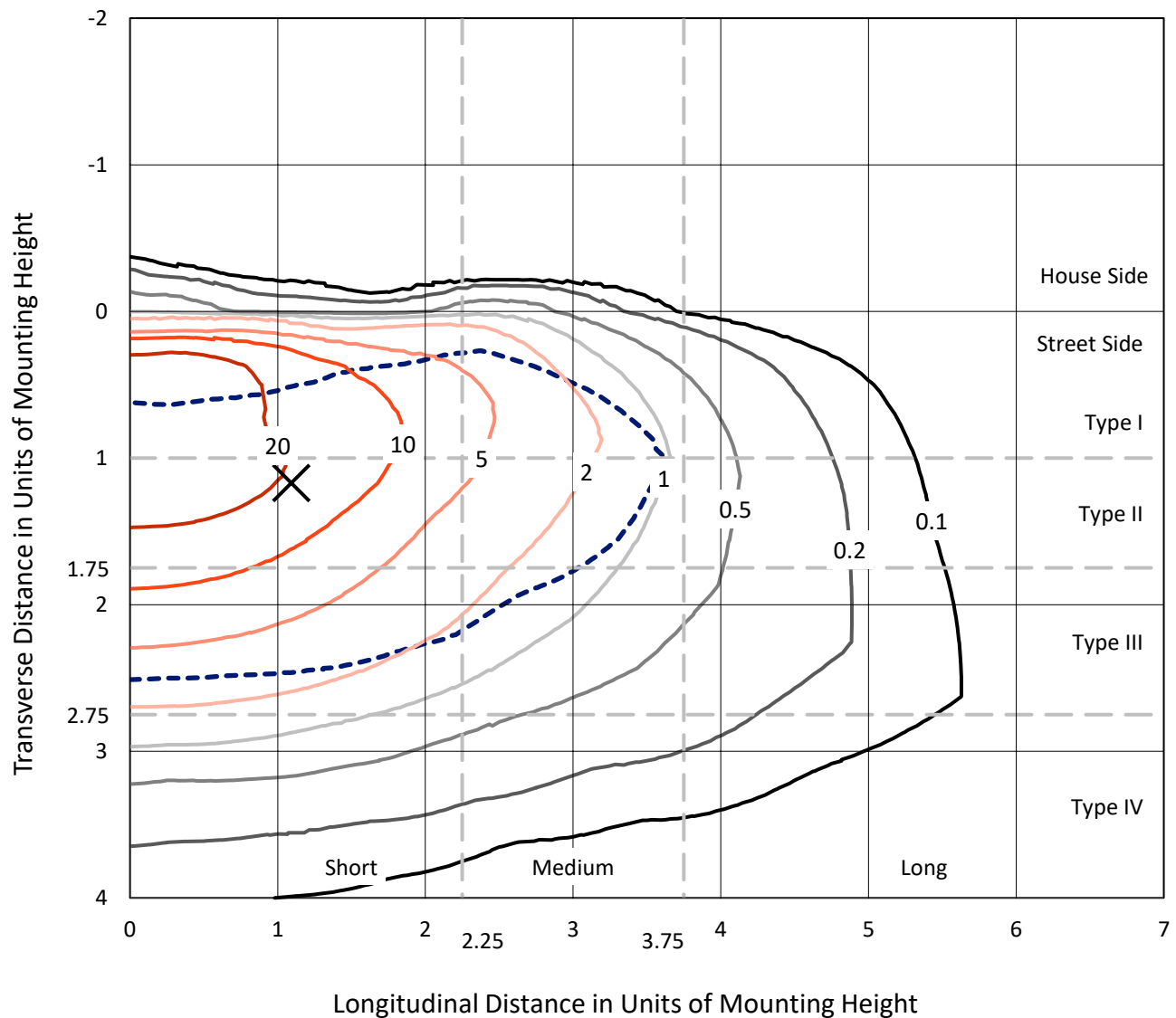


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CATALOG NUMBER: GALN-SA8B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

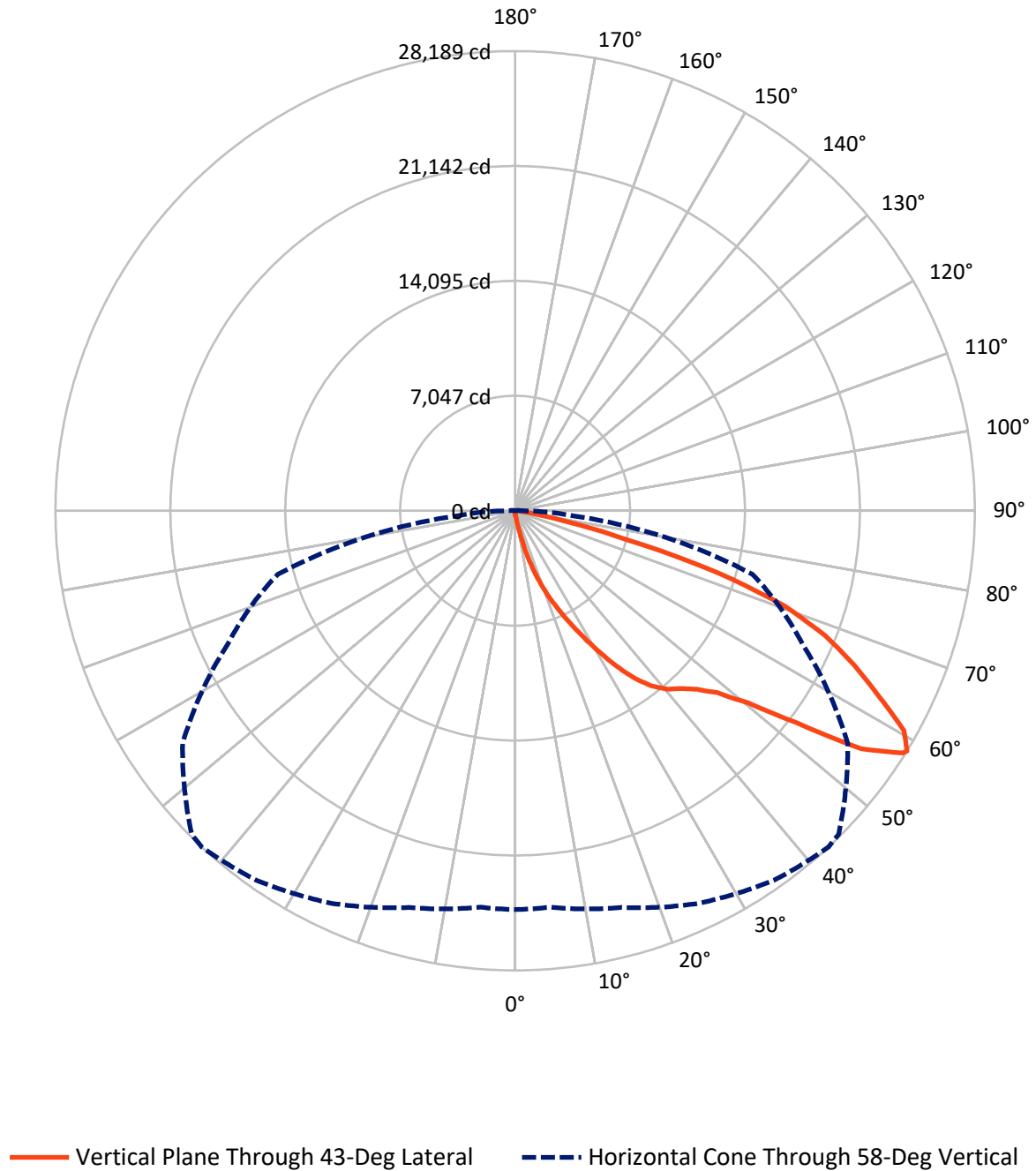


Based on 15 foot mounting height. Maximum calculated value = 38.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.3	0.0	124.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33919.3	0.0	33919.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	34043.5	0.0	34043.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	0.1
10°-20°	391.3	1.1
20°-30°	1410.5	4.1
30°-40°	3227.1	9.5
40°-50°	5442.9	16.0
50°-60°	8982.1	26.4
60°-70°	10038.7	29.5
70°-80°	4144.8	12.2
80°-90°	373.6	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°	34043.5	100.0
0°-180°	34043.5	100.0



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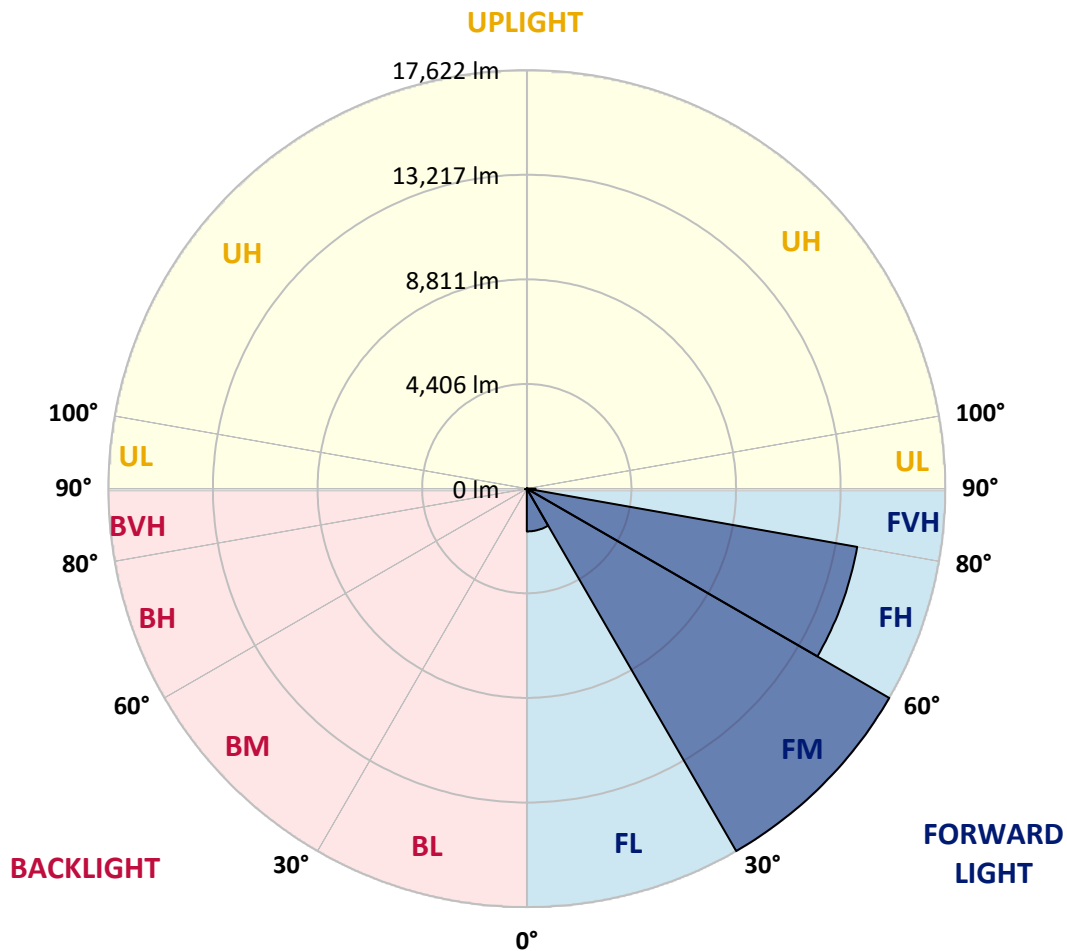
CATALOG NUMBER: GALN-SA8B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1802.0	5.3			
FM	(30°-60°)	17622.3	51.8			
FH	(60°-80°)	14126.5	41.5			G5
FVH	(80°-90°)	368.5	1.1			G3/500
BL	(0°-30°)	32.4	0.1	B0/110		
BM	(30°-60°)	29.8	0.1	B0/220		
BH	(60°-80°)	57.0	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G5

Type III Short



REPORT NUMBER: P1047114

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6
2.5°	267.1	276.0	267.1	267.1	267.1	258.2	258.2	249.3	249.3	240.4	231.5
5°	391.8	391.8	365.1	347.2	329.4	320.5	311.6	293.8	276.0	258.2	240.4
7.5°	872.6	872.6	792.4	685.6	543.1	463.0	445.2	365.1	311.6	276.0	240.4
10°	2083.5	2083.5	1905.4	1611.6	1246.5	926.0	828.1	525.3	374.0	293.8	249.3
12.5°	3463.6	3508.1	3285.5	2911.5	2368.4	1807.5	1611.6	961.6	498.6	320.5	249.3
15°	4701.2	4594.4	4532.0	4175.9	3659.5	2991.7	2742.4	1620.5	721.2	365.1	249.3
17.5°	5538.2	5538.2	5449.1	5208.7	4736.8	4149.2	3944.4	2617.7	1166.4	418.5	258.2
20°	6517.6	6517.6	6357.3	6188.1	5769.7	5271.0	5075.2	3721.8	1807.5	534.2	258.2
22.5°	7701.8	7719.6	7541.5	7238.8	6838.1	6286.1	6116.9	4745.7	2617.7	712.3	267.1
25°	9144.2	9162.0	8903.8	8618.9	8004.5	7408.0	7149.7	5921.0	3606.0	997.2	267.1
27.5°	10738.0	10862.6	10479.8	9990.1	9340.1	8592.2	8396.3	6980.6	4585.5	1406.8	284.9
30°	12723.5	12723.5	12216.0	11530.4	10827.0	9901.0	9651.7	8093.5	5627.2	1949.9	302.7
32.5°	14433.0	14299.5	13649.5	12928.3	12180.4	11316.7	11049.6	9259.9	6695.7	2626.6	338.3
35°	15741.9	15626.2	14824.8	14050.2	13400.2	12607.8	12287.2	10524.3	7826.4	3392.3	391.8
37.5°	16863.8	16819.3	15733.0	14762.5	14335.1	13640.6	13355.7	11717.4	8939.4	4220.4	454.1
40°	18092.5	17950.0	16792.6	15590.5	14949.5	14388.5	14130.3	12679.0	10007.9	5190.9	543.1
42.5°	19143.2	18974.0	17932.2	16756.9	15661.8	14904.9	14655.6	13489.2	11049.6	6161.4	658.9
45°	20309.5	20220.5	19169.9	18279.5	16819.3	15608.3	15278.9	14139.2	12002.3	7318.9	810.2
47.5°	22063.6	21903.3	20923.9	20193.8	18502.1	16676.8	16204.9	14807.0	12919.4	8458.6	1041.7
50°	24102.6	23995.7	23417.0	22838.2	21155.4	18502.1	17941.1	15768.6	13943.3	9812.0	1344.5
52.5°	25767.6	25749.8	25821.0	25829.9	24556.7	21573.9	20736.9	17317.9	15118.6	11147.5	1771.9
55°	25732.0	25812.1	26595.6	27494.9	27592.9	25767.6	24957.3	19926.7	16650.1	12794.7	2368.4
57.5°	24770.3	24708.0	25536.1	26889.5	27842.2	28038.0	27904.5	23977.9	18956.2	14780.3	3285.5
58°	24458.7	24405.3	25188.8	26568.9	27664.1	28189.4	28055.8	24895.0	19472.6	15065.2	3534.8
60°	23327.9	23336.8	23799.8	25055.3	26150.4	27397.0	27521.6	27512.7	22045.8	16970.6	4790.2
62.5°	21832.1	21760.9	22188.2	23212.2	24173.8	25010.8	25224.4	27690.8	25812.1	19392.5	7185.4
65°	19766.4	19659.6	20113.7	21271.2	22304.0	22847.1	22856.0	25304.6	27583.9	21992.4	10604.4
67.5°	15928.9	15839.8	16748.0	18235.0	19828.7	20541.0	20861.6	21956.8	26088.1	23755.3	12563.3
70°	9758.6	9945.5	11209.9	13542.7	16267.2	17576.1	18056.9	18395.2	22215.0	23488.2	10506.5
72.5°	4505.3	4282.7	5360.1	6989.5	10096.9	13008.4	13507.1	14833.7	17611.7	20389.7	7835.3
75°	2101.3	2021.2	2270.5	3054.0	4576.5	7025.1	7933.3	11842.0	13507.1	14183.7	5653.9
77.5°	1077.4	1086.3	1291.0	1389.0	1887.6	3249.9	3730.7	7790.8	9901.0	7915.5	3793.0
80°	471.9	489.7	498.6	543.1	765.7	1255.4	1415.7	3614.9	6766.9	4033.4	2074.6
82.5°	302.7	311.6	311.6	311.6	365.1	498.6	569.8	1451.3	3374.5	2003.4	641.1
85°	160.3	160.3	178.1	222.6	258.2	302.7	320.5	463.0	1113.0	596.6	151.4
87.5°	89.0	97.9	106.8	133.6	169.2	204.8	222.6	320.5	427.4	409.6	35.6
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-SA8B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6	222.6
2.5°	231.5	222.6	213.7	204.8	195.9	187.0	187.0	187.0	187.0	187.0	187.0
5°	222.6	213.7	204.8	187.0	169.2	160.3	151.4	142.5	142.5	142.5	142.5
7.5°	222.6	213.7	187.0	169.2	151.4	133.6	115.7	115.7	115.7	115.7	115.7
10°	222.6	204.8	178.1	151.4	124.7	106.8	97.9	89.0	89.0	89.0	89.0
12.5°	222.6	195.9	169.2	133.6	106.8	89.0	80.1	71.2	71.2	71.2	71.2
15°	222.6	195.9	160.3	124.7	97.9	71.2	62.3	53.4	53.4	53.4	53.4
17.5°	213.7	187.0	151.4	106.8	80.1	53.4	44.5	35.6	35.6	44.5	44.5
20°	204.8	178.1	133.6	89.0	62.3	44.5	26.7	26.7	26.7	26.7	26.7
22.5°	204.8	178.1	124.7	80.1	53.4	26.7	17.8	17.8	17.8	17.8	26.7
25°	204.8	169.2	106.8	62.3	35.6	17.8	8.9	8.9	8.9	8.9	8.9
27.5°	204.8	169.2	97.9	53.4	26.7	17.8	8.9	0.0	0.0	0.0	0.0
30°	195.9	160.3	89.0	44.5	17.8	8.9	0.0	0.0	0.0	0.0	0.0
32.5°	195.9	151.4	71.2	35.6	17.8	8.9	0.0	0.0	0.0	0.0	0.0
35°	204.8	142.5	62.3	26.7	8.9	0.0	0.0	0.0	0.0	0.0	8.9
37.5°	213.7	133.6	53.4	17.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	222.6	124.7	53.4	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	240.4	124.7	44.5	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	258.2	124.7	35.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	293.8	133.6	35.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	320.5	142.5	26.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	356.2	133.6	26.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	400.7	133.6	26.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	436.3	124.7	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	454.1	115.7	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	543.1	106.8	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	845.9	89.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1718.4	80.1	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3205.4	71.2	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3588.2	80.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2261.6	62.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1193.1	62.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	596.6	62.3	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	276.0	44.5	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	115.7	26.7	17.8	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	53.4	26.7	17.8	17.8	8.9	8.9	0.0	0.0	0.0	0.0	0.0
87.5°	26.7	26.7	26.7	17.8	17.8	8.9	8.9	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

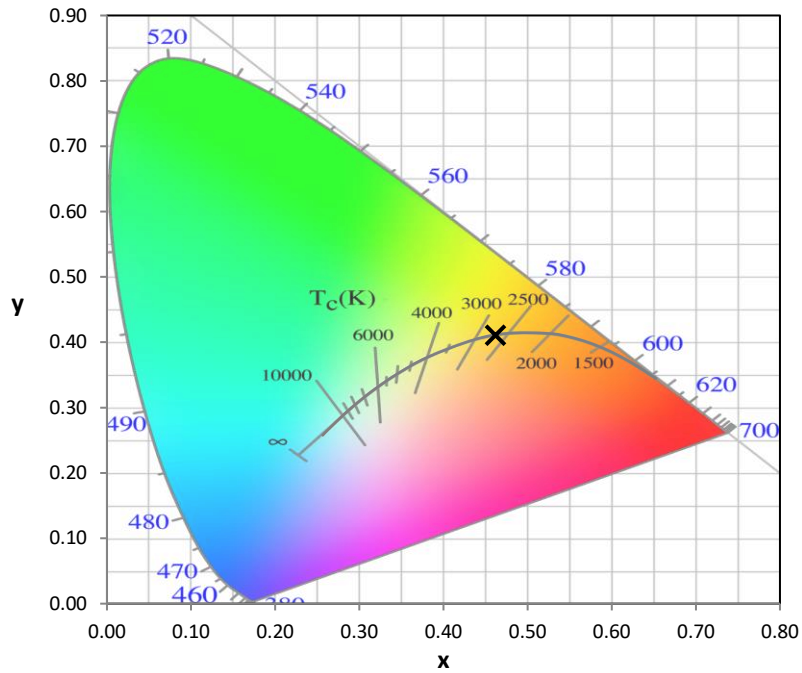
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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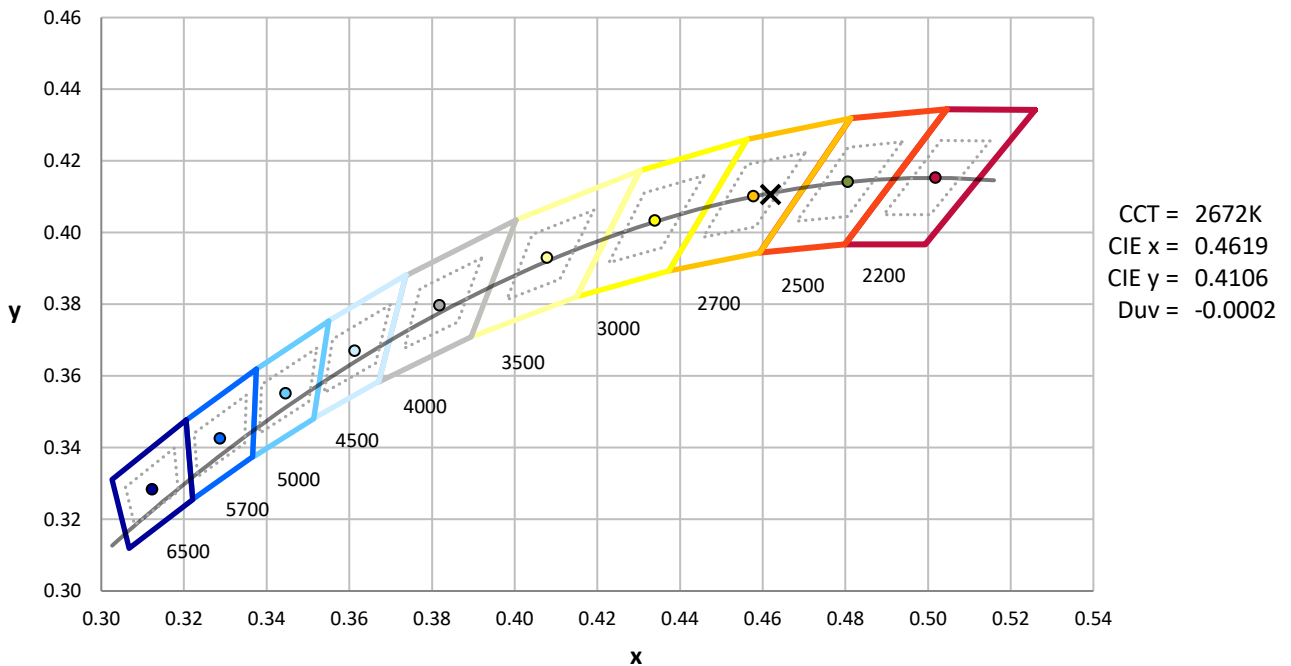
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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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/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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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

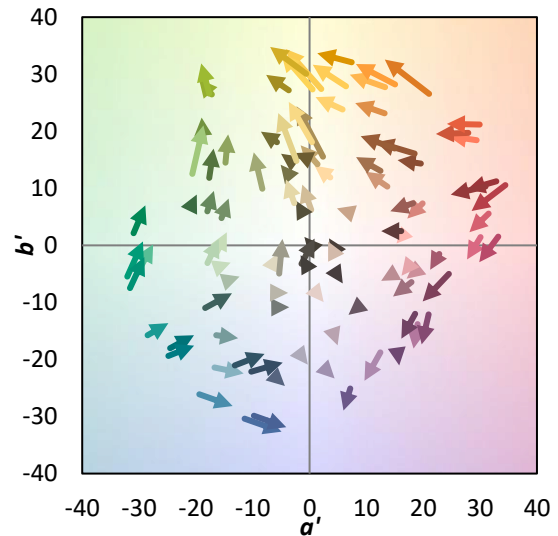
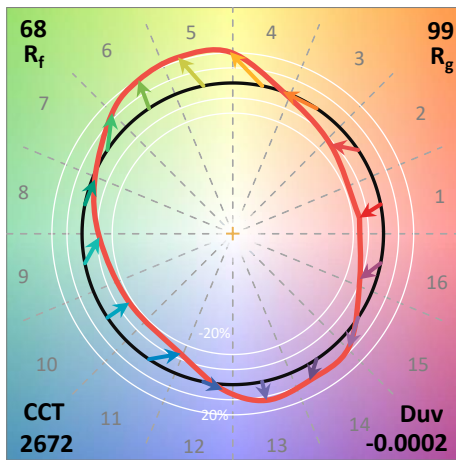
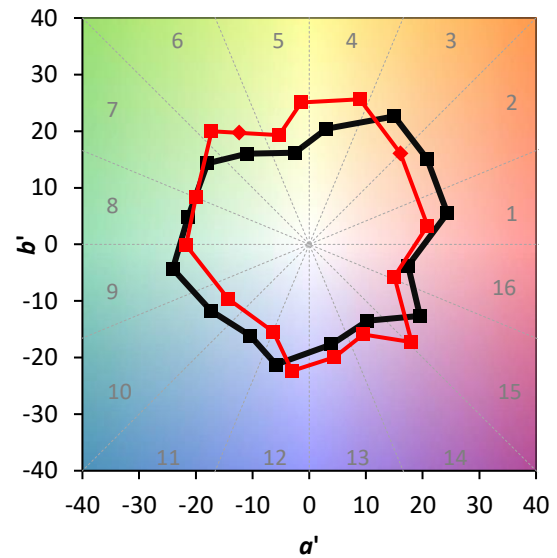
Summary

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

Spectral Power Distribution Comparison

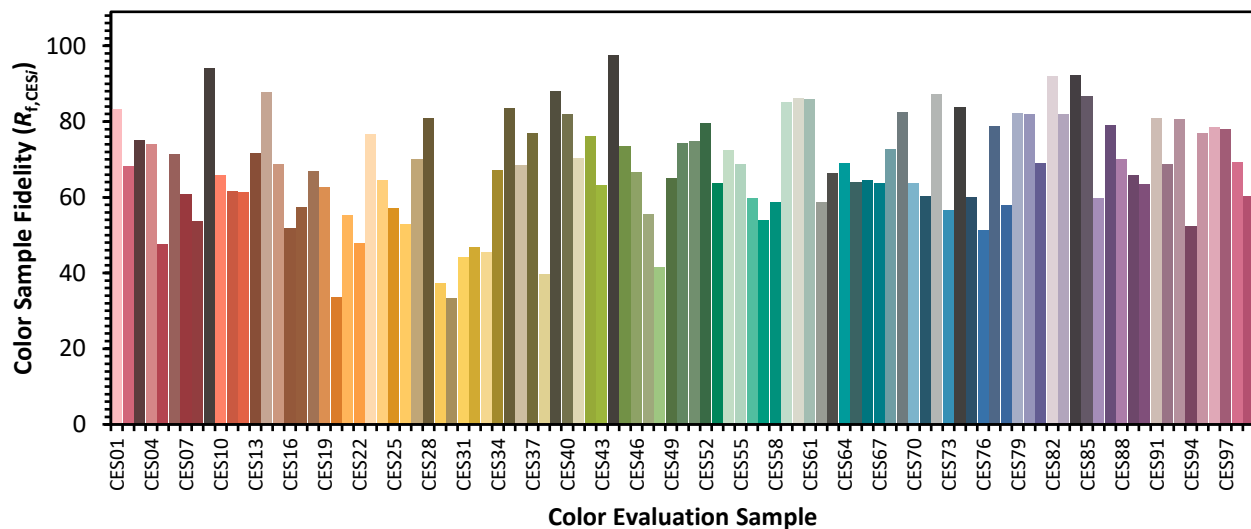


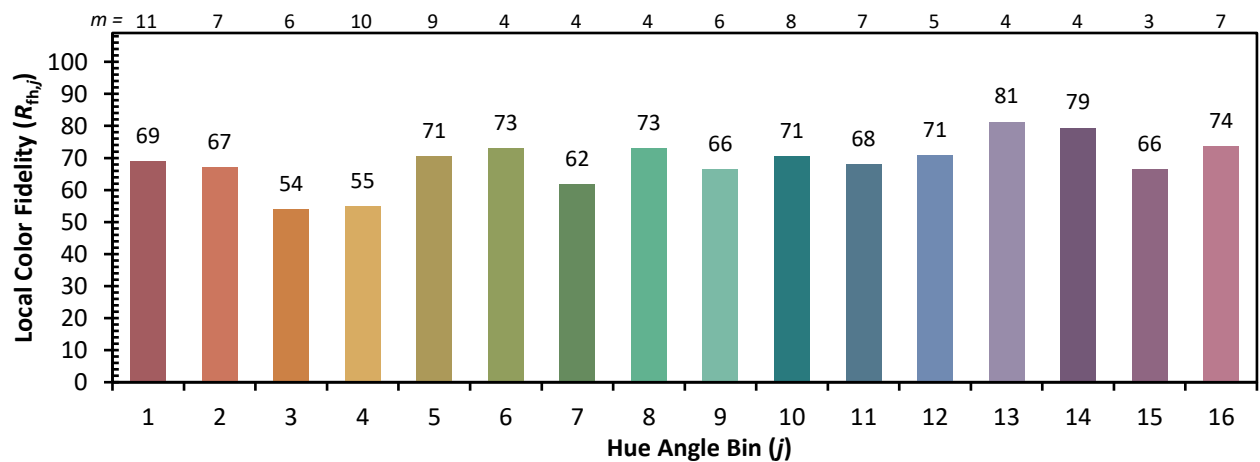
Color Vector Graphics



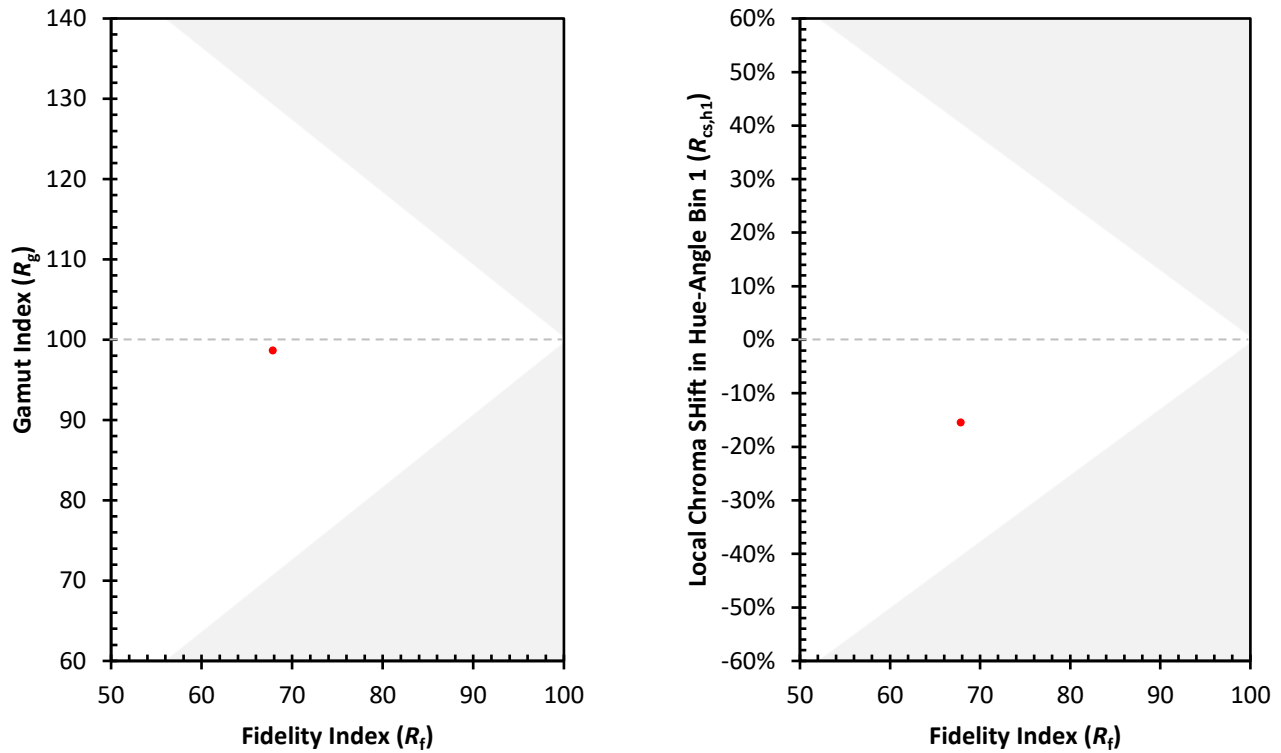
Individual Sample Fidelity Index (R_{fi})

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)