

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: P1047109

Luminaire Tested: **GALN-SA7A-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047109
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23722.3 lumens
Efficiency: N/A
Efficacy: 122.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
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

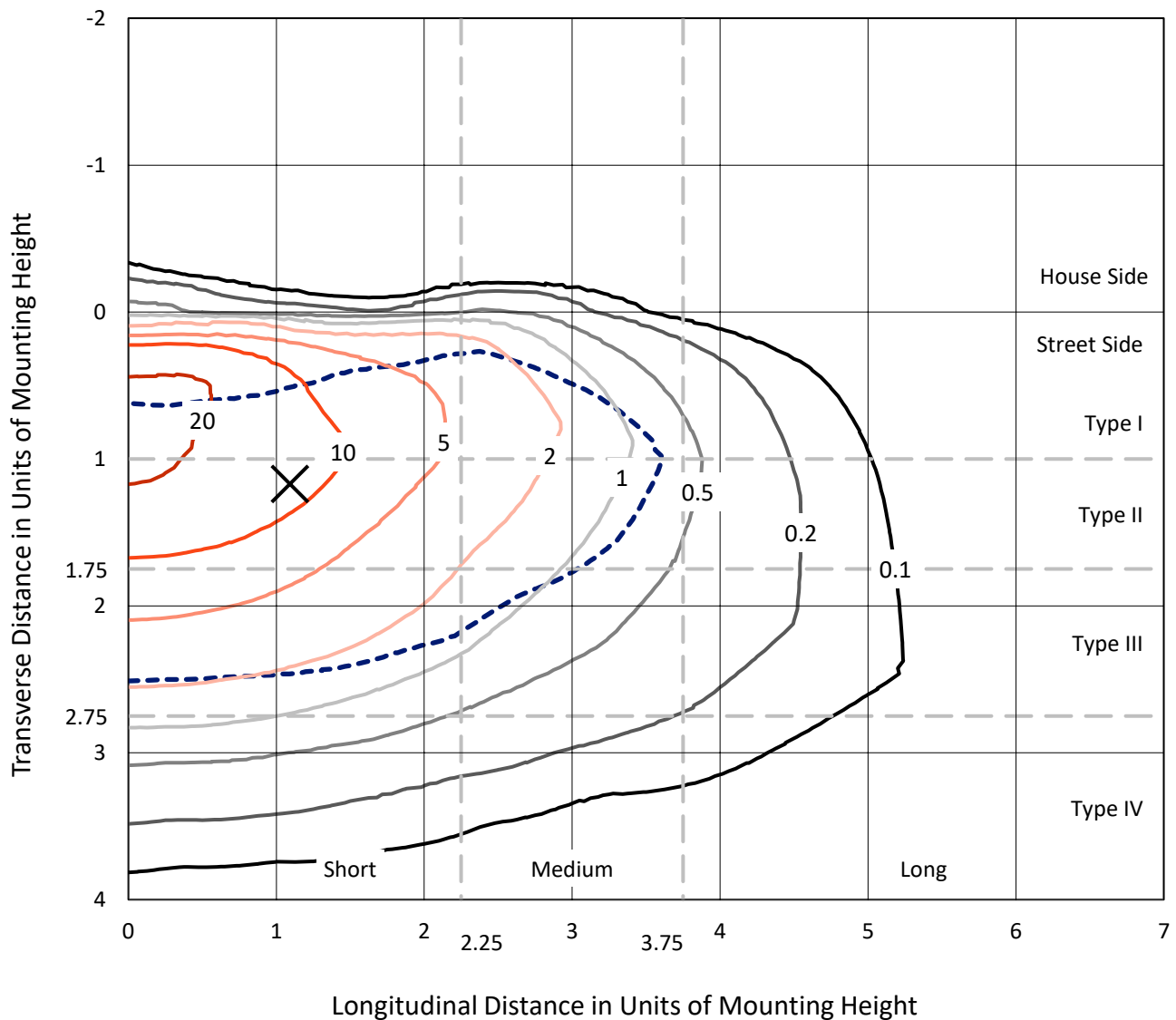


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

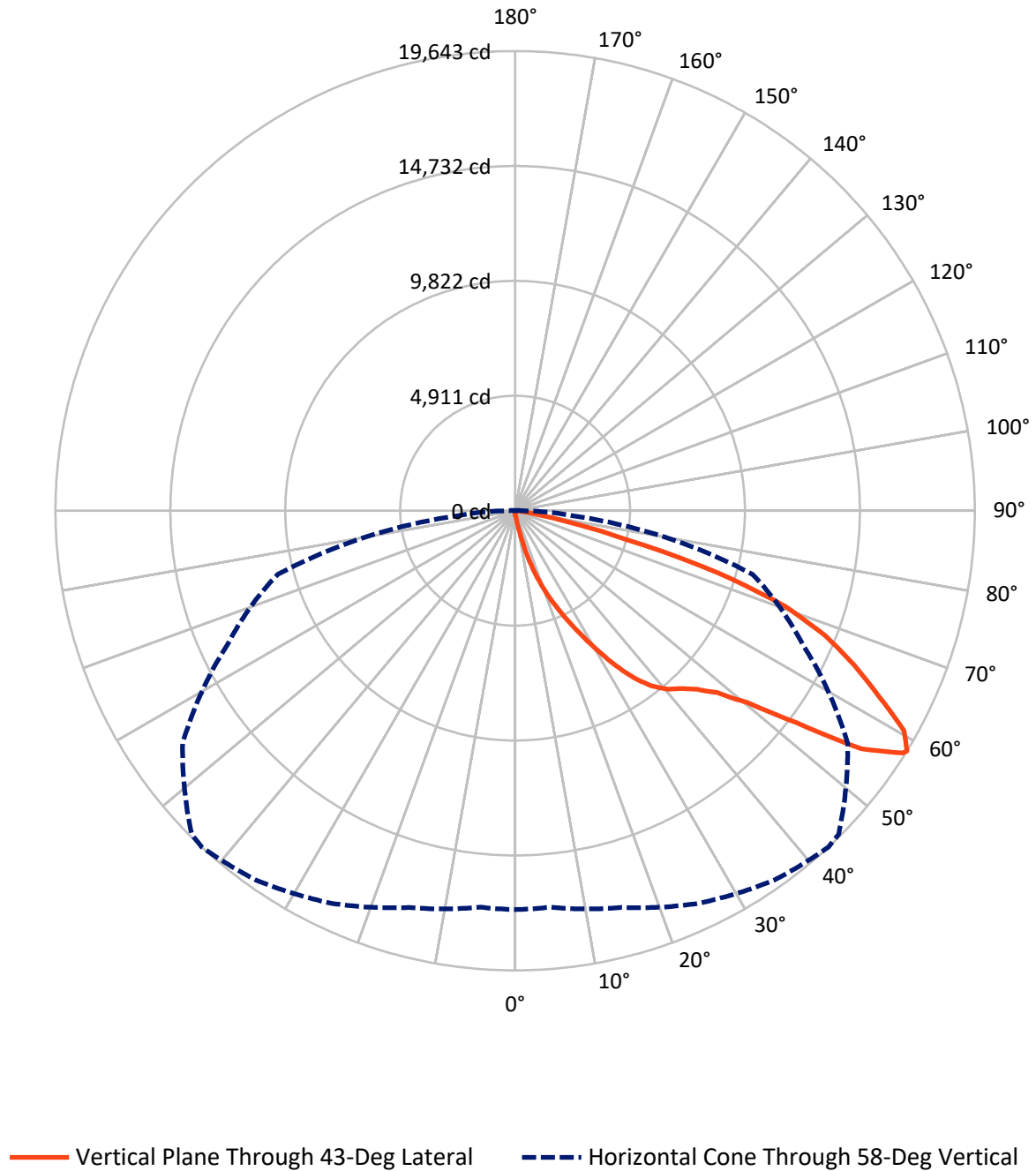


Based on 15 foot mounting height. Maximum calculated value = 26.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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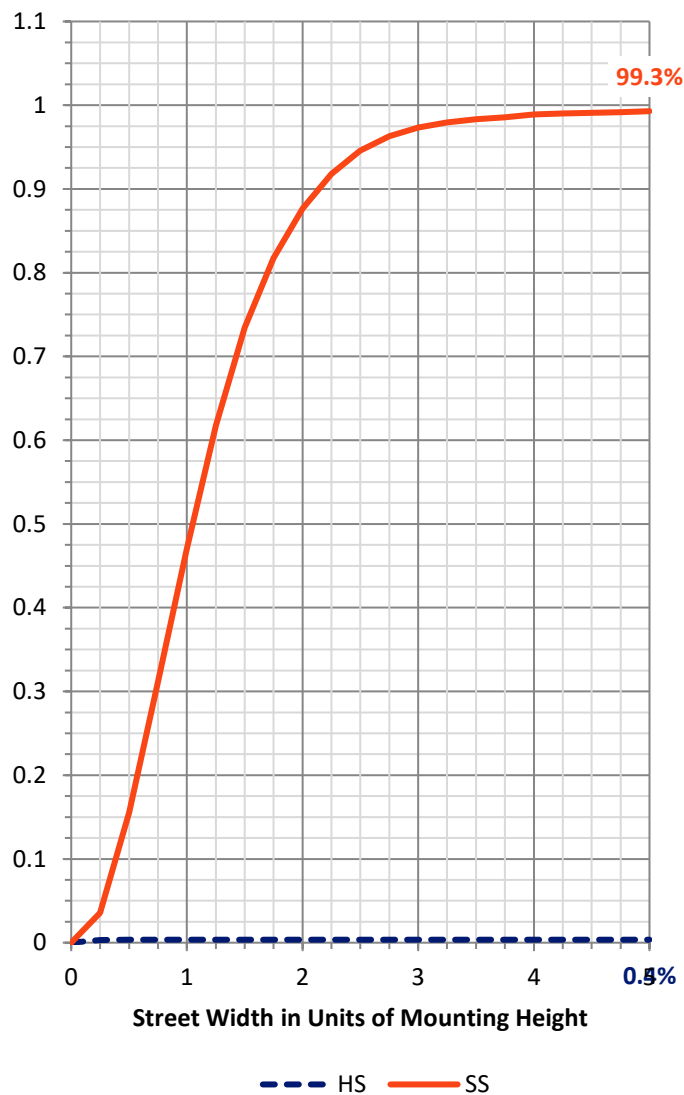
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	86.6	0.0	86.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23635.7	0.0	23635.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	23722.3	0.0	23722.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.7	0.1
10°-20°	272.7	1.1
20°-30°	982.8	4.1
30°-40°	2248.7	9.5
40°-50°	3792.7	16.0
50°-60°	6258.9	26.4
60°-70°	6995.2	29.5
70°-80°	2888.2	12.2
80°-90°	260.4	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°	23722.3	100.0
0°-180°	23722.3	100.0



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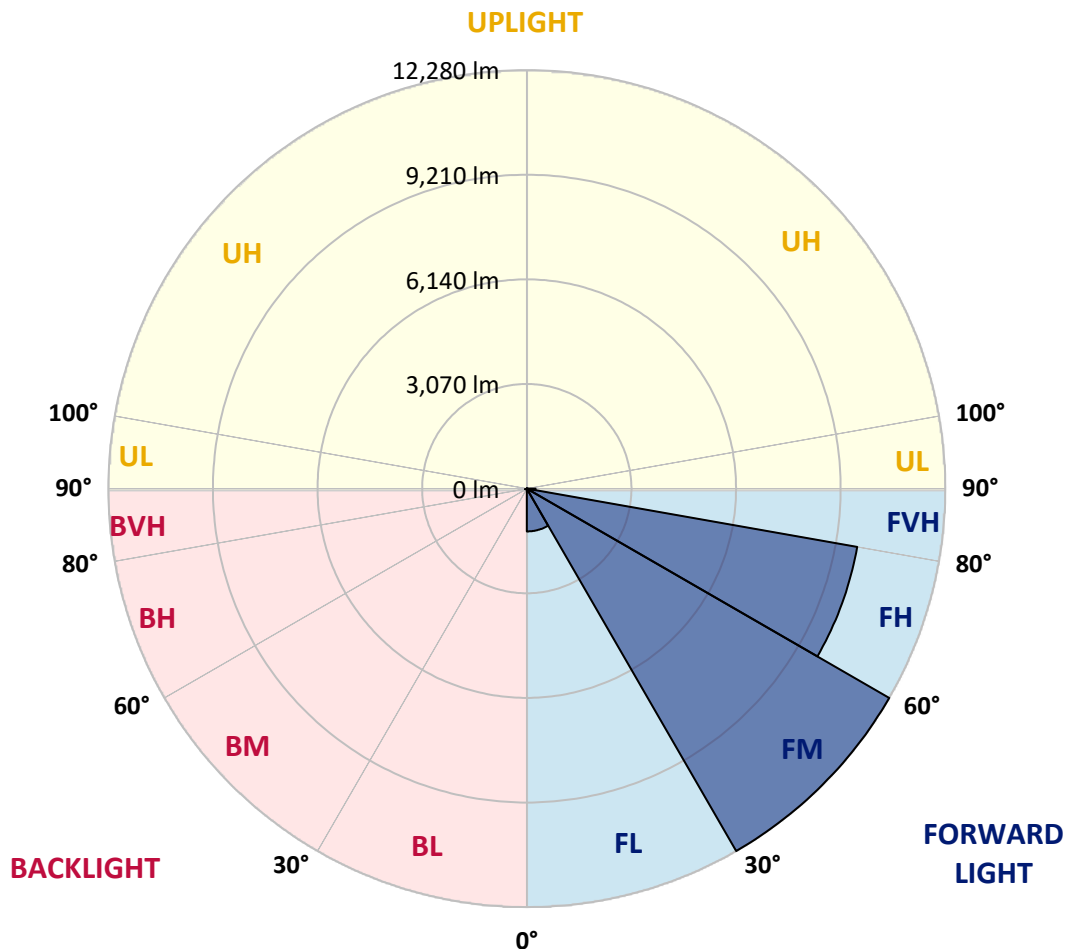
CATALOG NUMBER: GALN-SA7A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1255.7	5.3			
FM	(30°-60°)	12279.6	51.8			
FH	(60°-80°)	9843.7	41.5			G4/12000
FVH	(80°-90°)	256.8	1.1			G3/500
BL	(0°-30°)	22.6	0.1	B0/110		
BM	(30°-60°)	20.8	0.1	B0/220		
BH	(60°-80°)	39.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G4

Type III Short



REPORT NUMBER: P1047109

CATALOG NUMBER: GALN-SA7A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1
2.5°	186.1	192.3	186.1	186.1	186.1	179.9	179.9	173.7	173.7	167.5	161.3
5°	273.0	273.0	254.4	242.0	229.6	223.4	217.2	204.7	192.3	179.9	167.5
7.5°	608.0	608.0	552.2	477.7	378.5	322.6	310.2	254.4	217.2	192.3	167.5
10°	1451.8	1451.8	1327.7	1123.0	868.6	645.3	577.0	366.1	260.6	204.7	173.7
12.5°	2413.5	2444.5	2289.4	2028.8	1650.4	1259.5	1123.0	670.1	347.4	223.4	173.7
15°	3275.9	3201.5	3158.0	2909.8	2550.0	2084.7	1910.9	1129.2	502.6	254.4	173.7
17.5°	3859.1	3859.1	3797.1	3629.6	3300.7	2891.2	2748.5	1824.1	812.8	291.6	179.9
20°	4541.6	4541.6	4429.9	4312.0	4020.4	3673.0	3536.5	2593.4	1259.5	372.3	179.9
22.5°	5366.8	5379.2	5255.1	5044.2	4765.0	4380.3	4262.4	3306.9	1824.1	496.3	186.1
25°	6371.9	6384.3	6204.4	6005.8	5577.7	5162.0	4982.1	4125.9	2512.8	694.9	186.1
27.5°	7482.5	7569.3	7302.5	6961.3	6508.4	5987.2	5850.7	4864.2	3195.3	980.3	198.5
30°	8866.0	8866.0	8512.4	8034.7	7544.5	6899.3	6725.5	5639.8	3921.2	1358.8	210.9
32.5°	10057.3	9964.2	9511.3	9008.7	8487.6	7885.8	7699.6	6452.5	4665.7	1830.3	235.8
35°	10969.3	10888.7	10330.3	9790.5	9337.6	8785.4	8562.0	7333.6	5453.6	2363.9	273.0
37.5°	11751.1	11720.1	10963.1	10286.8	9989.0	9505.1	9306.6	8165.0	6229.2	2940.9	316.4
40°	12607.3	12508.0	11701.4	10863.9	10417.1	10026.3	9846.3	8835.0	6973.7	3617.1	378.5
42.5°	13339.4	13221.5	12495.6	11676.6	10913.5	10386.1	10212.4	9399.6	7699.6	4293.4	459.1
45°	14152.2	14090.1	13358.0	12737.6	11720.1	10876.3	10646.7	9852.5	8363.5	5100.0	564.6
47.5°	15374.4	15262.7	14580.3	14071.5	12892.7	11620.8	11292.0	10317.9	9002.5	5894.2	725.9
50°	16795.2	16720.8	16317.5	15914.2	14741.6	12892.7	12501.8	10987.9	9716.0	6837.2	936.9
52.5°	17955.4	17943.0	17992.7	17998.9	17111.7	15033.2	14450.0	12067.5	10535.0	7767.9	1234.7
55°	17930.6	17986.5	18532.5	19159.1	19227.3	17955.4	17390.8	13885.4	11602.2	8915.7	1650.4
57.5°	17260.6	17217.1	17794.1	18737.2	19401.1	19537.6	19444.5	16708.4	13209.1	10299.3	2289.4
58°	17043.4	17006.2	17552.2	18513.8	19277.0	19643.0	19550.0	17347.4	13569.0	10497.8	2463.1
60°	16255.4	16261.7	16584.3	17459.1	18222.2	19090.8	19177.7	19171.5	15362.0	11825.5	3338.0
62.5°	15213.1	15163.5	15461.3	16174.8	16844.9	17428.1	17577.0	19295.6	17986.5	13513.1	5006.9
65°	13773.7	13699.2	14015.7	14822.2	15541.9	15920.4	15926.6	17632.8	19221.1	15324.8	7389.4
67.5°	11099.6	11037.6	11670.4	12706.5	13817.1	14313.5	14536.8	15300.0	18178.8	16553.3	8754.4
70°	6800.0	6930.3	7811.3	9436.8	11335.4	12247.4	12582.5	12818.2	15479.9	16367.1	7321.2
72.5°	3139.4	2984.3	3735.0	4870.4	7035.8	9064.6	9412.0	10336.5	12272.2	14208.0	5459.8
75°	1464.2	1408.4	1582.1	2128.1	3189.0	4895.2	5528.1	8251.8	9412.0	9883.6	3939.8
77.5°	750.7	756.9	899.6	967.9	1315.3	2264.6	2599.6	5428.8	6899.3	5515.7	2643.1
80°	328.8	341.2	347.4	378.5	533.6	874.8	986.5	2519.0	4715.3	2810.6	1445.6
82.5°	210.9	217.2	217.2	217.2	254.4	347.4	397.1	1011.3	2351.5	1396.0	446.7
85°	111.7	111.7	124.1	155.1	179.9	210.9	223.4	322.6	775.5	415.7	105.5
87.5°	62.0	68.2	74.5	93.1	117.9	142.7	155.1	223.4	297.8	285.4	24.8
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-SA7A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1	155.1
2.5°	161.3	155.1	148.9	142.7	136.5	130.3	130.3	130.3	130.3	130.3	130.3
5°	155.1	148.9	142.7	130.3	117.9	111.7	105.5	99.3	99.3	99.3	99.3
7.5°	155.1	148.9	130.3	117.9	105.5	93.1	80.7	80.7	80.7	80.7	80.7
10°	155.1	142.7	124.1	105.5	86.9	74.5	68.2	62.0	62.0	62.0	62.0
12.5°	155.1	136.5	117.9	93.1	74.5	62.0	55.8	49.6	49.6	49.6	49.6
15°	155.1	136.5	111.7	86.9	68.2	49.6	43.4	37.2	37.2	37.2	37.2
17.5°	148.9	130.3	105.5	74.5	55.8	37.2	31.0	24.8	24.8	31.0	31.0
20°	142.7	124.1	93.1	62.0	43.4	31.0	18.6	18.6	18.6	18.6	18.6
22.5°	142.7	124.1	86.9	55.8	37.2	18.6	12.4	12.4	12.4	12.4	18.6
25°	142.7	117.9	74.5	43.4	24.8	12.4	6.2	6.2	6.2	6.2	6.2
27.5°	142.7	117.9	68.2	37.2	18.6	12.4	6.2	0.0	0.0	0.0	0.0
30°	136.5	111.7	62.0	31.0	12.4	6.2	0.0	0.0	0.0	0.0	0.0
32.5°	136.5	105.5	49.6	24.8	12.4	6.2	0.0	0.0	0.0	0.0	0.0
35°	142.7	99.3	43.4	18.6	6.2	0.0	0.0	0.0	0.0	0.0	6.2
37.5°	148.9	93.1	37.2	12.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	155.1	86.9	37.2	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	167.5	86.9	31.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	179.9	86.9	24.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	204.7	93.1	24.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	223.4	99.3	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	248.2	93.1	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	279.2	93.1	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	304.0	86.9	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	316.4	80.7	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	378.5	74.5	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	589.4	62.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1197.4	55.8	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2233.6	49.6	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2500.4	55.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1575.9	43.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	831.4	43.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	415.7	43.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	192.3	31.0	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	80.7	18.6	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	37.2	18.6	12.4	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0
87.5°	18.6	18.6	18.6	12.4	12.4	6.2	6.2	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

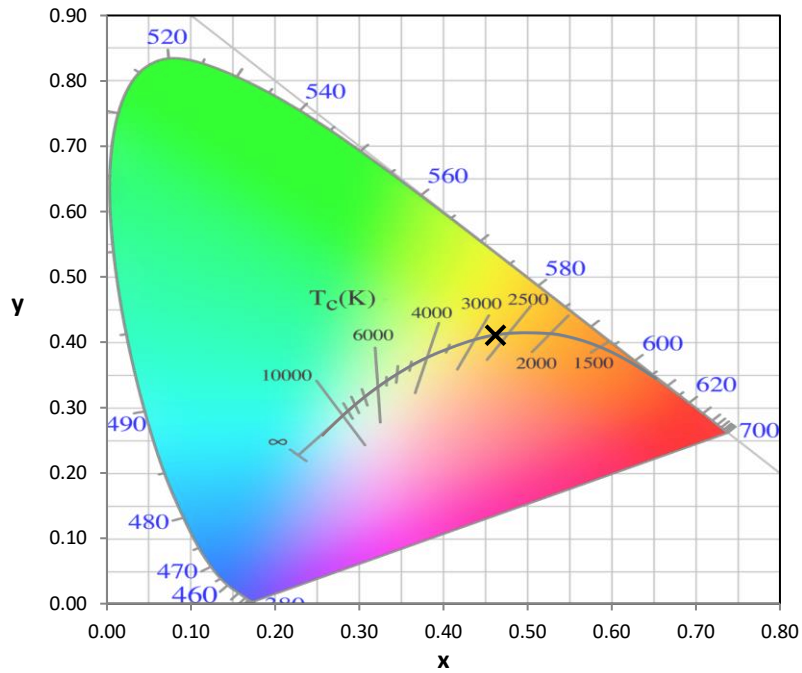
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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



Point lies inside the ANSI 2700K 4-step quadrangle

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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

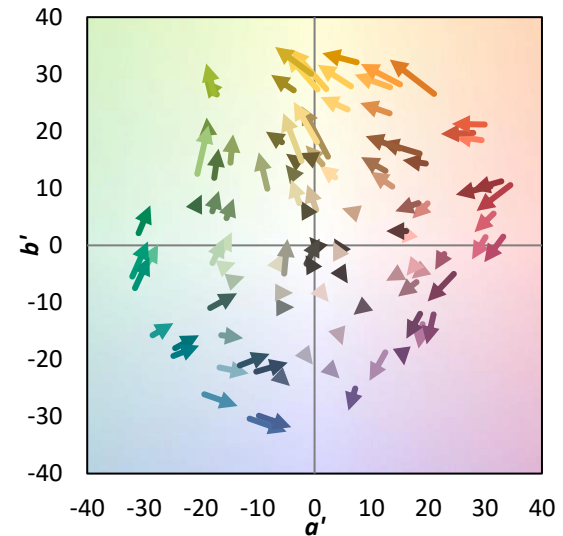
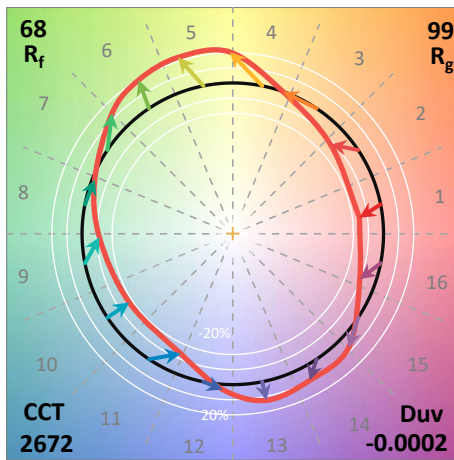
Summary

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

Spectral Power Distribution Comparison

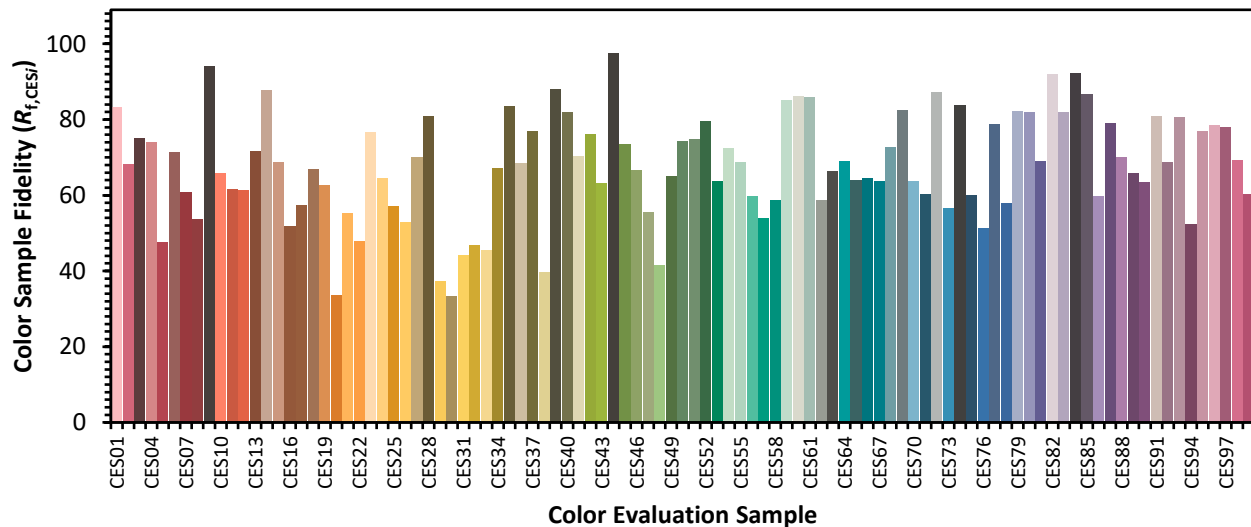


Color Vector Graphics



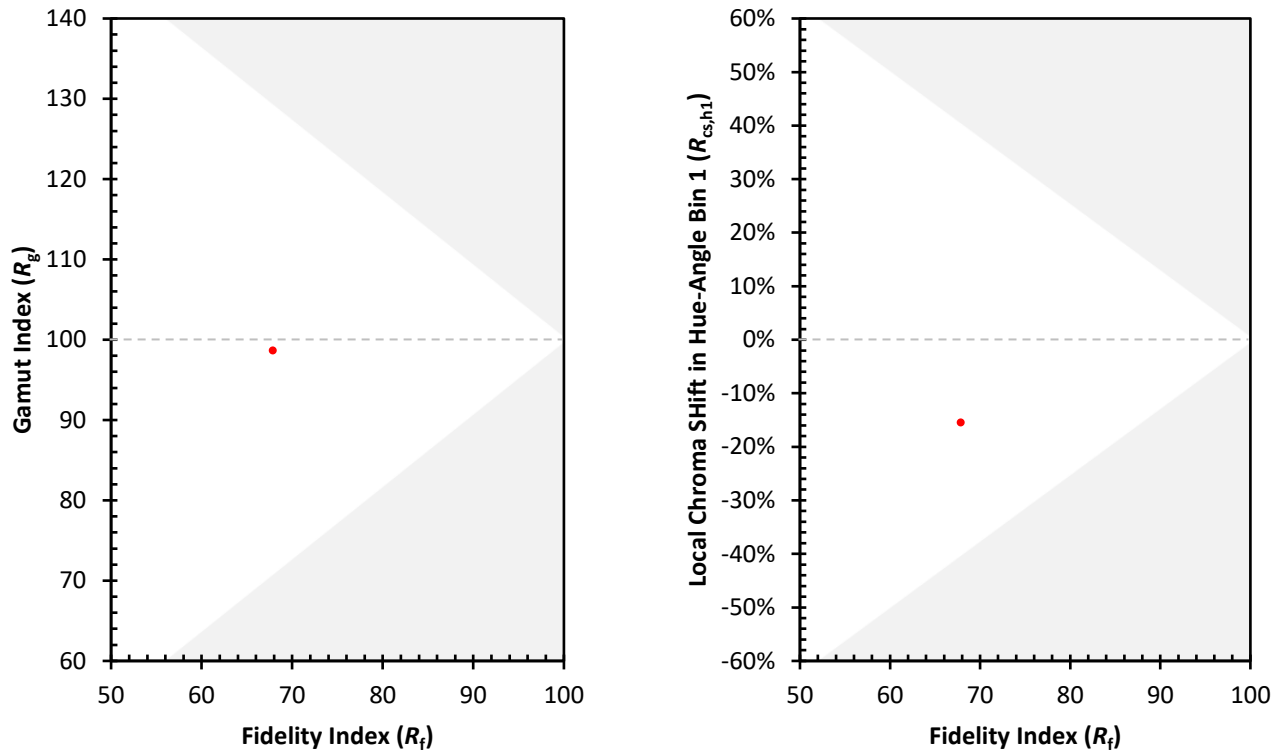
Individual Sample Fidelity Index ($R_{f,i}$)

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)