

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: P1047093

Luminaire Tested: **GALN-SA3A-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047093
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10454.8 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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

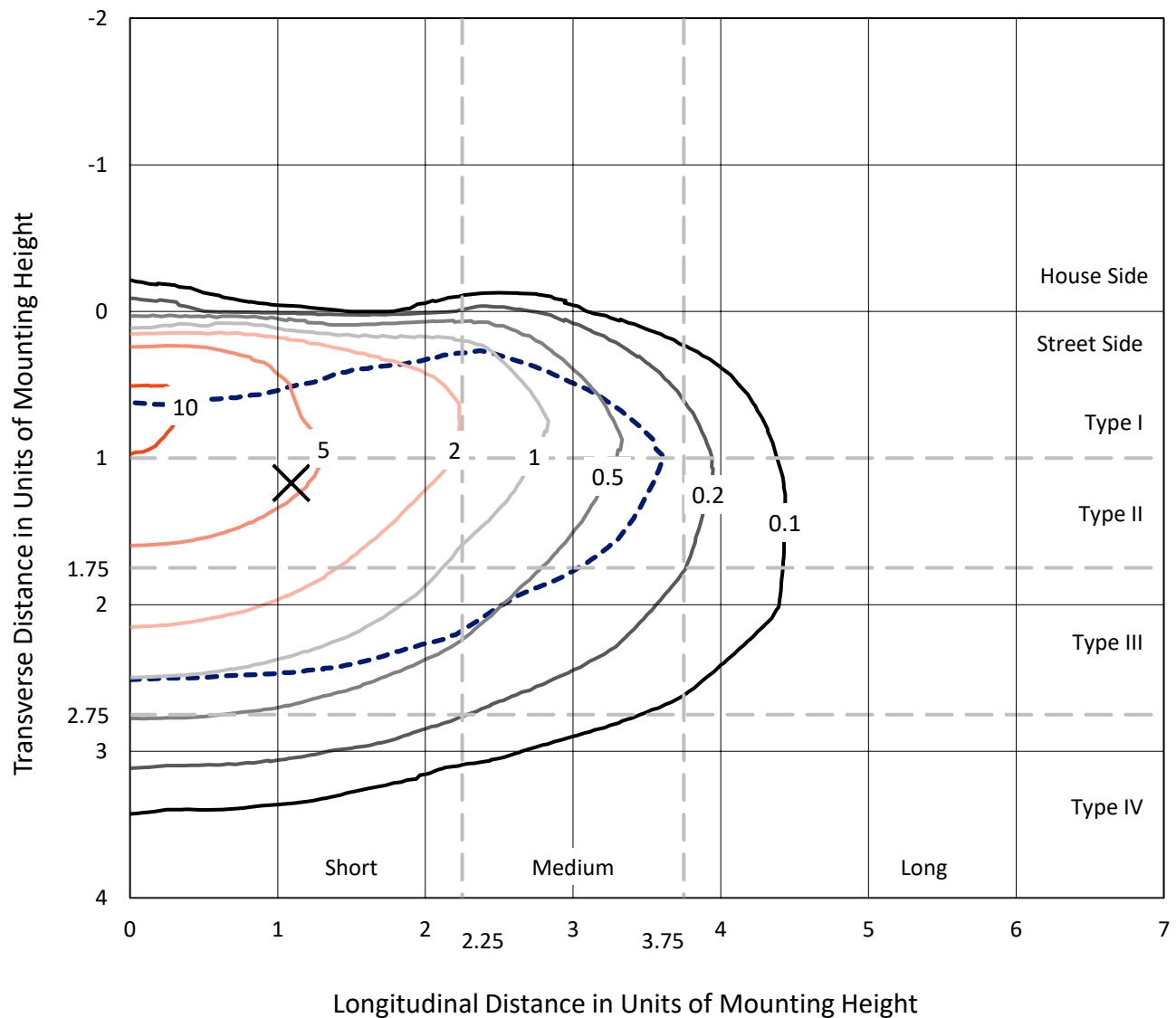


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

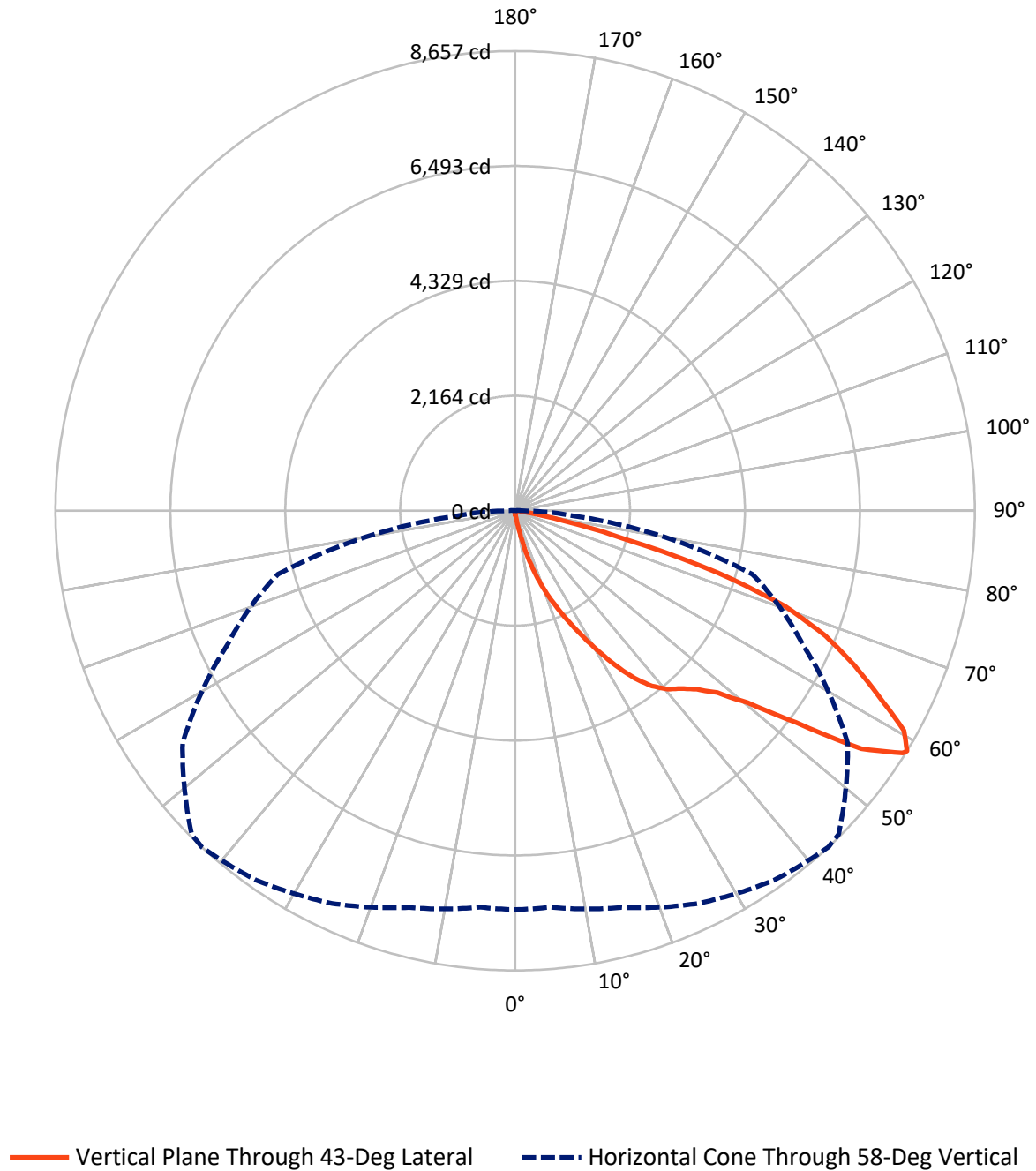


Based on 15 foot mounting height. Maximum calculated value = 11.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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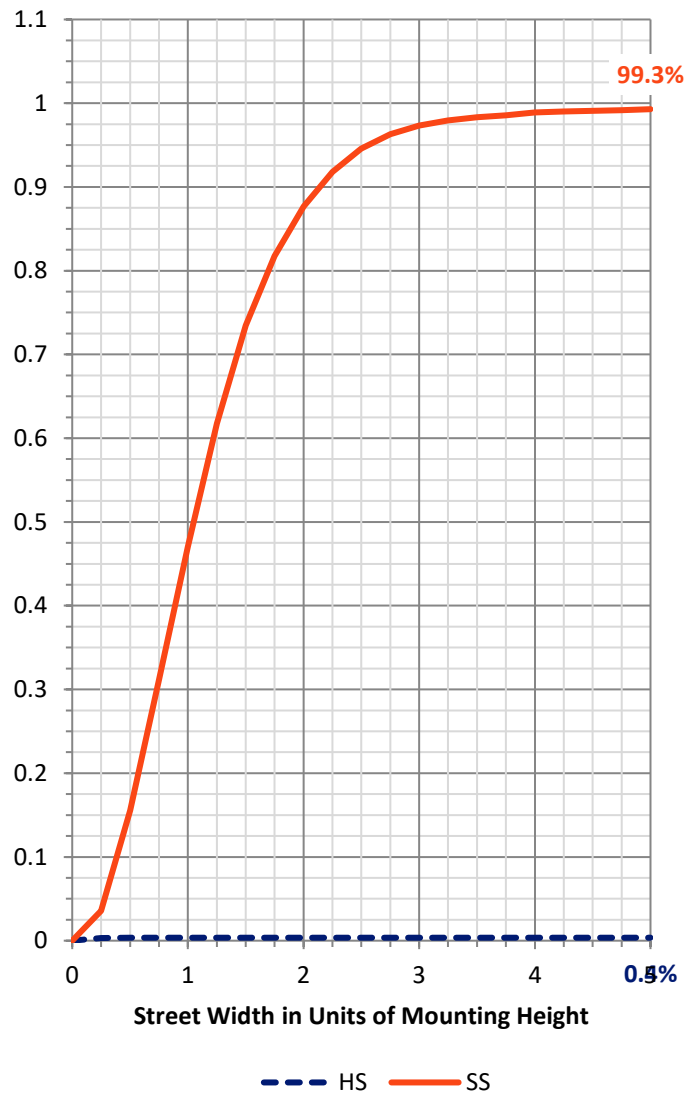
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.2	0.0	38.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10416.6	0.0	10416.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	10454.8	0.0	10454.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.1
10°-20°	120.2	1.1
20°-30°	433.2	4.1
30°-40°	991.0	9.5
40°-50°	1671.5	16.0
50°-60°	2758.4	26.4
60°-70°	3082.9	29.5
70°-80°	1272.9	12.2
80°-90°	114.7	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°	10454.8	100.0
0°-180°	10454.8	100.0



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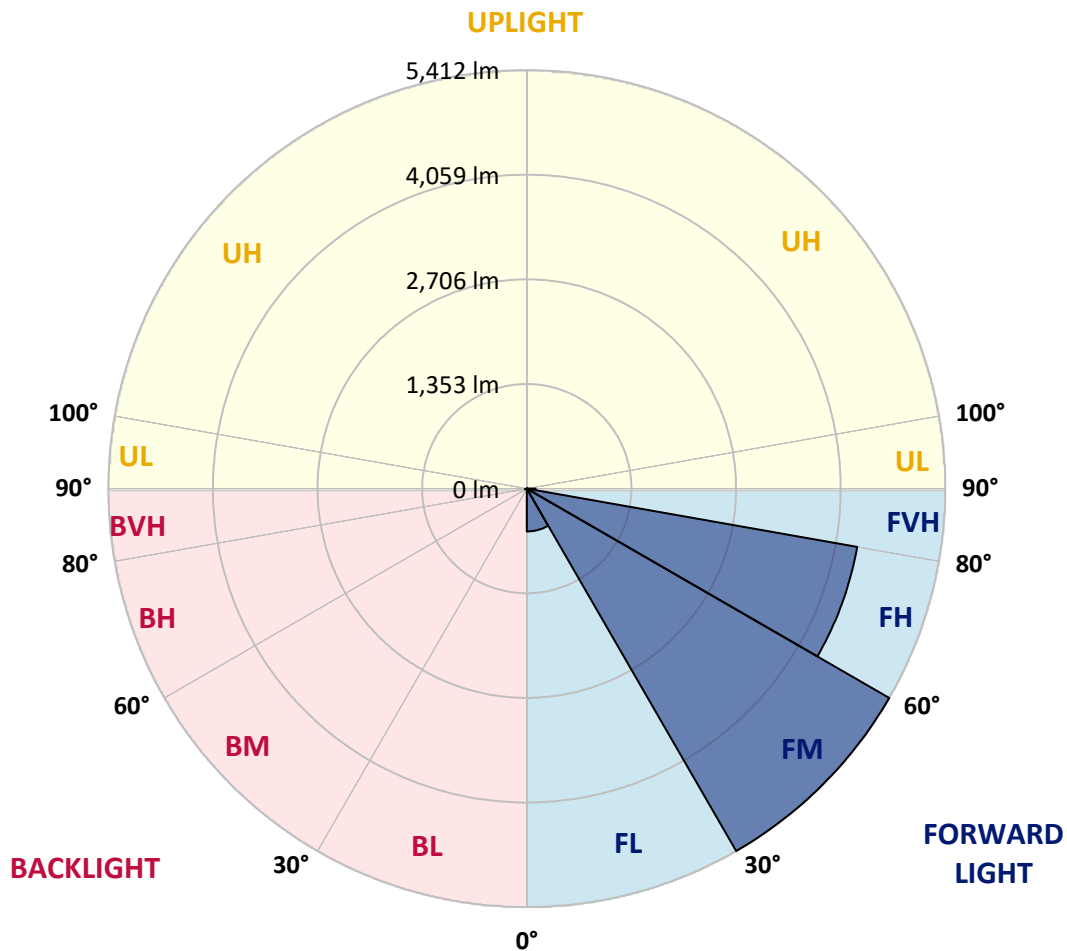
CATALOG NUMBER: GALN-SA3A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	553.4	5.3			
FM	(30°-60°)	5411.8	51.8			
FH	(60°-80°)	4338.3	41.5			G2/5000
FVH	(80°-90°)	113.2	1.1			G2/225
BL	(0°-30°)	10.0	0.1	B0/110		
BM	(30°-60°)	9.1	0.1	B0/220		
BH	(60°-80°)	17.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2.5°	82.0	84.8	82.0	82.0	82.0	79.3	79.3	76.6	76.6	73.8	71.1
5°	120.3	120.3	112.1	106.6	101.2	98.4	95.7	90.2	84.8	79.3	73.8
7.5°	268.0	268.0	243.4	210.5	166.8	142.2	136.7	112.1	95.7	84.8	73.8
10°	639.8	639.8	585.2	494.9	382.8	284.4	254.3	161.3	114.8	90.2	76.6
12.5°	1063.7	1077.3	1009.0	894.1	727.3	555.1	494.9	295.3	153.1	98.4	76.6
15°	1443.7	1410.9	1391.8	1282.4	1123.8	918.7	842.2	497.7	221.5	112.1	76.6
17.5°	1700.8	1700.8	1673.4	1599.6	1454.7	1274.2	1211.3	803.9	358.2	128.5	79.3
20°	2001.6	2001.6	1952.3	1900.4	1771.9	1618.7	1558.6	1143.0	555.1	164.1	79.3
22.5°	2365.2	2370.7	2316.0	2223.0	2100.0	1930.5	1878.5	1457.4	803.9	218.7	82.0
25°	2808.2	2813.7	2734.4	2646.9	2458.2	2275.0	2195.7	1818.4	1107.4	306.2	82.0
27.5°	3297.6	3335.9	3218.3	3068.0	2868.3	2638.7	2578.5	2143.7	1408.2	432.0	87.5
30°	3907.4	3907.4	3751.5	3541.0	3325.0	3040.6	2964.0	2485.5	1728.1	598.8	93.0
32.5°	4432.4	4391.4	4191.8	3970.3	3740.6	3475.4	3393.3	2843.7	2056.2	806.6	103.9
35°	4834.4	4798.8	4552.7	4314.8	4115.2	3871.9	3773.4	3232.0	2403.5	1041.8	120.3
37.5°	5178.9	5165.2	4831.6	4533.6	4402.3	4189.0	4101.5	3598.4	2745.3	1296.1	139.5
40°	5556.2	5512.5	5157.0	4787.9	4591.0	4418.7	4339.4	3893.7	3073.4	1594.1	166.8
42.5°	5878.9	5826.9	5507.0	5146.1	4809.7	4577.3	4500.8	4142.6	3393.3	1892.2	202.3
45°	6237.1	6209.7	5887.1	5613.6	5165.2	4793.3	4692.2	4342.2	3685.9	2247.6	248.8
47.5°	6775.8	6726.5	6425.8	6201.5	5682.0	5121.5	4976.5	4547.2	3967.6	2597.6	319.9
50°	7401.9	7369.1	7191.4	7013.6	6496.8	5682.0	5509.7	4842.6	4282.0	3013.3	412.9
52.5°	7913.2	7907.8	7929.7	7932.4	7541.4	6625.4	6368.3	5318.3	4642.9	3423.4	544.1
55°	7902.3	7926.9	8167.5	8443.7	8473.8	7913.2	7664.4	6119.5	5113.3	3929.3	727.3
57.5°	7607.0	7587.9	7842.2	8257.8	8550.4	8610.5	8569.5	7363.6	5821.5	4539.0	1009.0
58°	7511.3	7494.9	7735.5	8159.3	8495.7	8657.0	8616.0	7645.3	5980.1	4626.5	1085.5
60°	7164.0	7166.8	7309.0	7694.5	8030.8	8413.6	8451.9	8449.2	6770.3	5211.7	1471.1
62.5°	6704.7	6682.8	6814.0	7128.5	7423.8	7680.8	7746.4	8503.9	7926.9	5955.4	2206.6
65°	6070.3	6037.5	6176.9	6532.4	6849.6	7016.4	7019.1	7771.1	8471.1	6753.9	3256.6
67.5°	4891.8	4864.4	5143.3	5600.0	6089.4	6308.2	6406.6	6742.9	8011.7	7295.3	3858.2
70°	2996.9	3054.3	3442.6	4159.0	4995.7	5397.6	5545.3	5649.2	6822.2	7213.2	3226.5
72.5°	1383.6	1315.2	1646.1	2146.5	3100.8	3994.9	4148.0	4555.4	5408.6	6261.7	2406.2
75°	645.3	620.7	697.3	937.9	1405.5	2157.4	2436.3	3636.7	4148.0	4355.8	1736.3
77.5°	330.9	333.6	396.5	426.6	579.7	998.0	1145.7	2392.6	3040.6	2430.8	1164.8
80°	144.9	150.4	153.1	166.8	235.2	385.5	434.8	1110.2	2078.1	1238.7	637.1
82.5°	93.0	95.7	95.7	95.7	112.1	153.1	175.0	445.7	1036.3	615.2	196.9
85°	49.2	49.2	54.7	68.4	79.3	93.0	98.4	142.2	341.8	183.2	46.5
87.5°	27.3	30.1	32.8	41.0	52.0	62.9	68.4	98.4	131.2	125.8	10.9
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-SA3A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2.5°	71.1	68.4	65.6	62.9	60.2	57.4	57.4	57.4	57.4	57.4	57.4
5°	68.4	65.6	62.9	57.4	52.0	49.2	46.5	43.7	43.7	43.7	43.7
7.5°	68.4	65.6	57.4	52.0	46.5	41.0	35.5	35.5	35.5	35.5	35.5
10°	68.4	62.9	54.7	46.5	38.3	32.8	30.1	27.3	27.3	27.3	27.3
12.5°	68.4	60.2	52.0	41.0	32.8	27.3	24.6	21.9	21.9	21.9	21.9
15°	68.4	60.2	49.2	38.3	30.1	21.9	19.1	16.4	16.4	16.4	16.4
17.5°	65.6	57.4	46.5	32.8	24.6	16.4	13.7	10.9	10.9	13.7	13.7
20°	62.9	54.7	41.0	27.3	19.1	13.7	8.2	8.2	8.2	8.2	8.2
22.5°	62.9	54.7	38.3	24.6	16.4	8.2	5.5	5.5	5.5	5.5	8.2
25°	62.9	52.0	32.8	19.1	10.9	5.5	2.7	2.7	2.7	2.7	2.7
27.5°	62.9	52.0	30.1	16.4	8.2	5.5	2.7	0.0	0.0	0.0	0.0
30°	60.2	49.2	27.3	13.7	5.5	2.7	0.0	0.0	0.0	0.0	0.0
32.5°	60.2	46.5	21.9	10.9	5.5	2.7	0.0	0.0	0.0	0.0	0.0
35°	62.9	43.7	19.1	8.2	2.7	0.0	0.0	0.0	0.0	0.0	2.7
37.5°	65.6	41.0	16.4	5.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	68.4	38.3	16.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	73.8	38.3	13.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	79.3	38.3	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	90.2	41.0	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	98.4	43.7	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	109.4	41.0	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	123.0	41.0	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	134.0	38.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	139.5	35.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	166.8	32.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	259.8	27.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	527.7	24.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	984.4	21.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1101.9	24.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	694.5	19.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	366.4	19.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	183.2	19.1	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	84.8	13.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	35.5	8.2	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.4	8.2	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	8.2	8.2	5.5	5.5	2.7	2.7	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

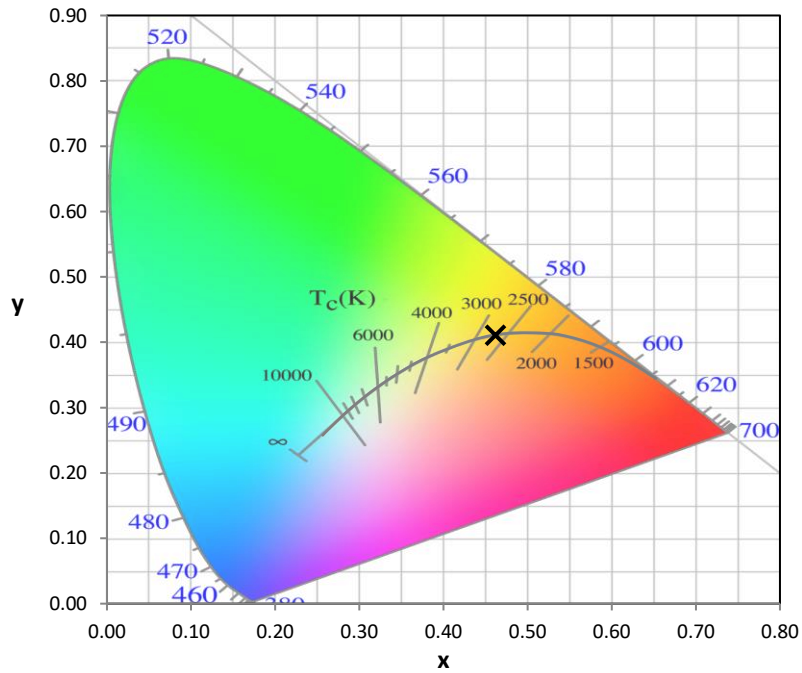
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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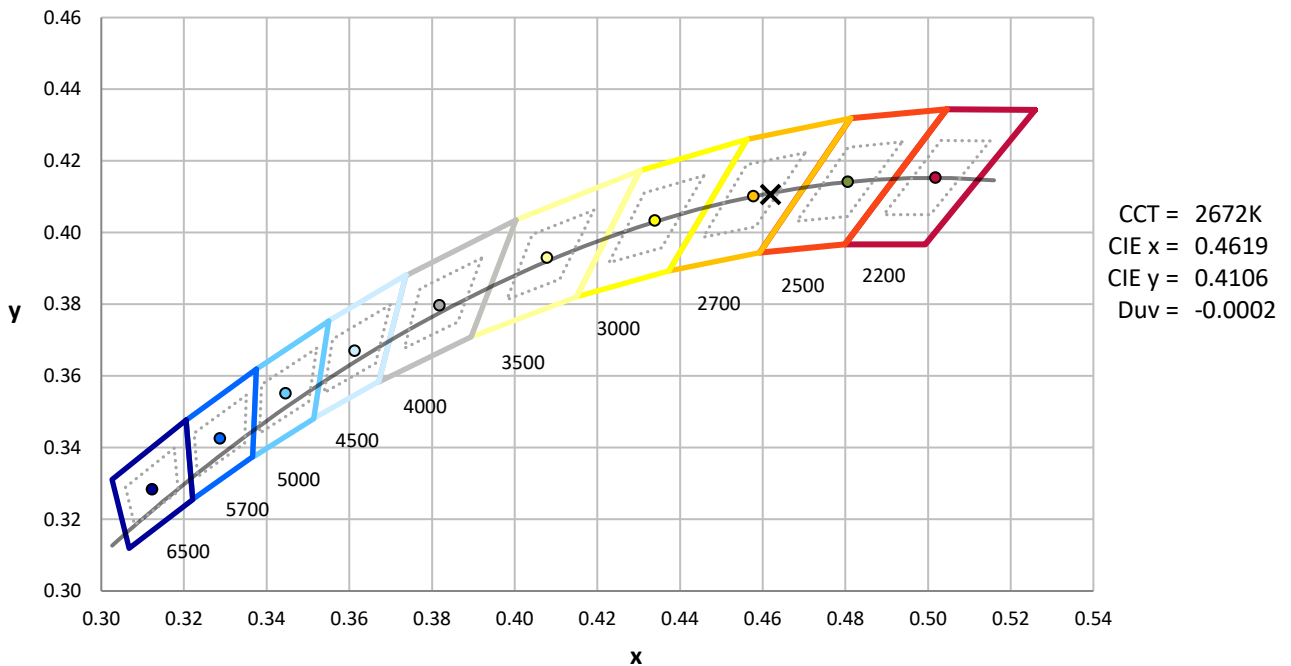
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

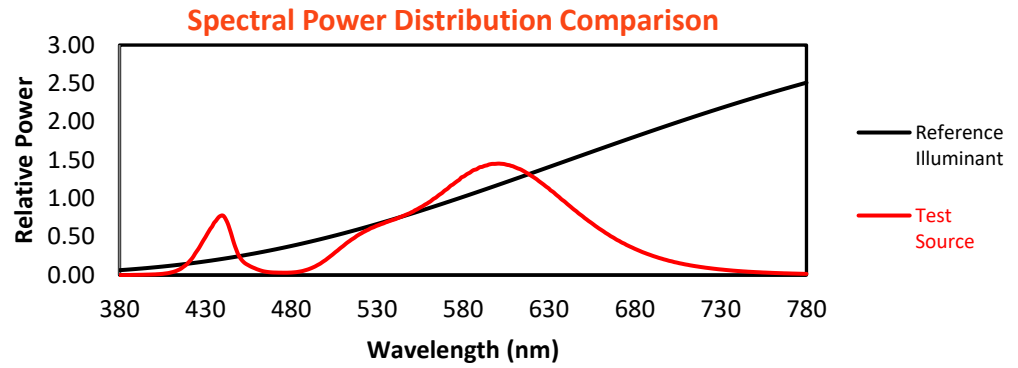
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	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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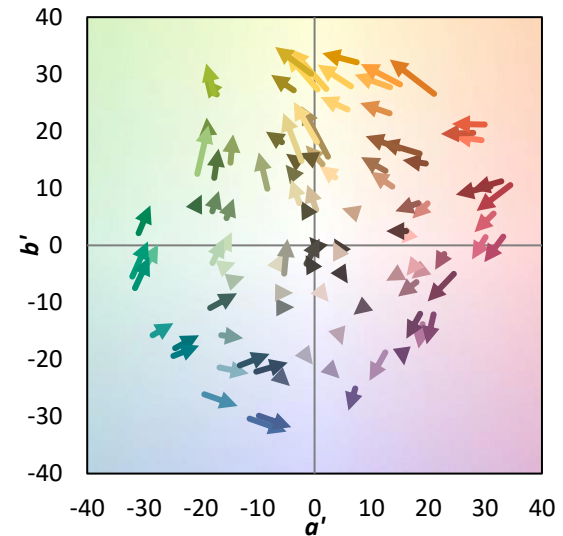
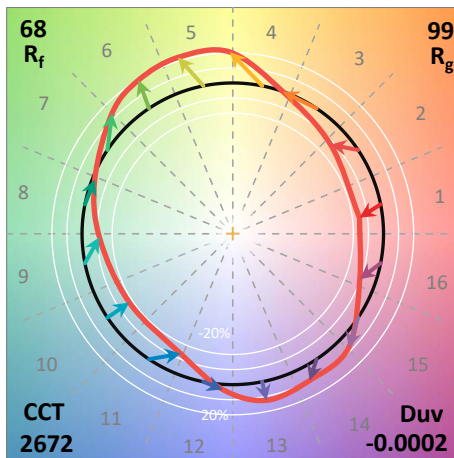
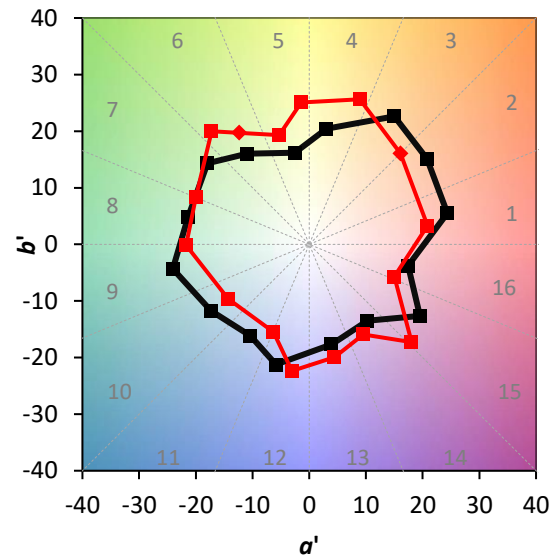
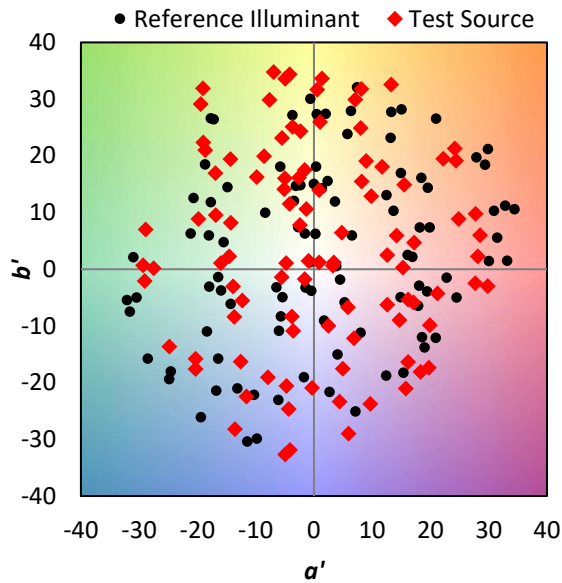
TM-30-18

Summary

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

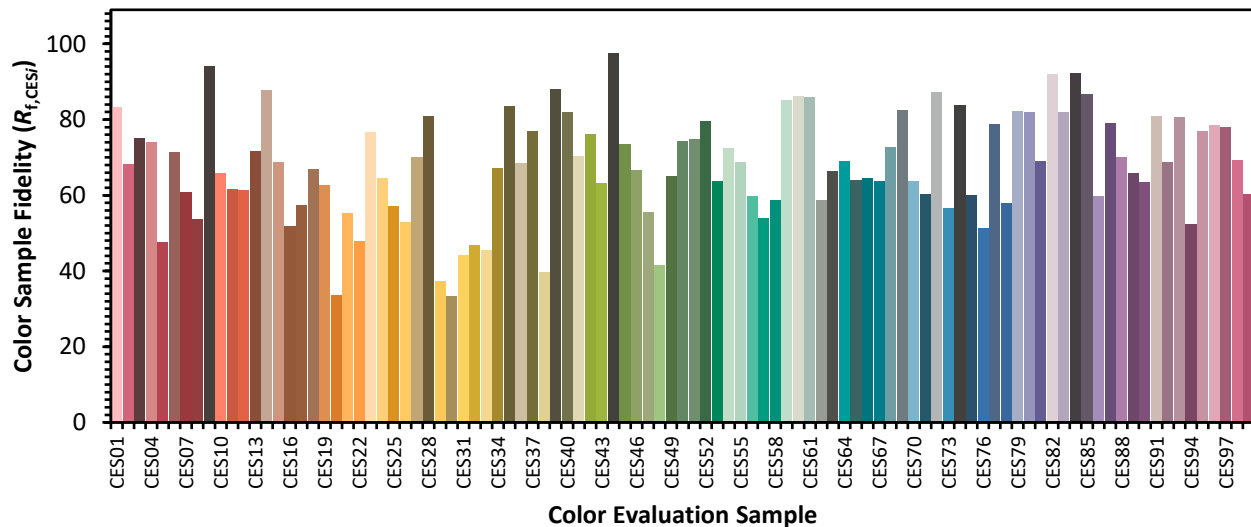


Color Vector Graphics

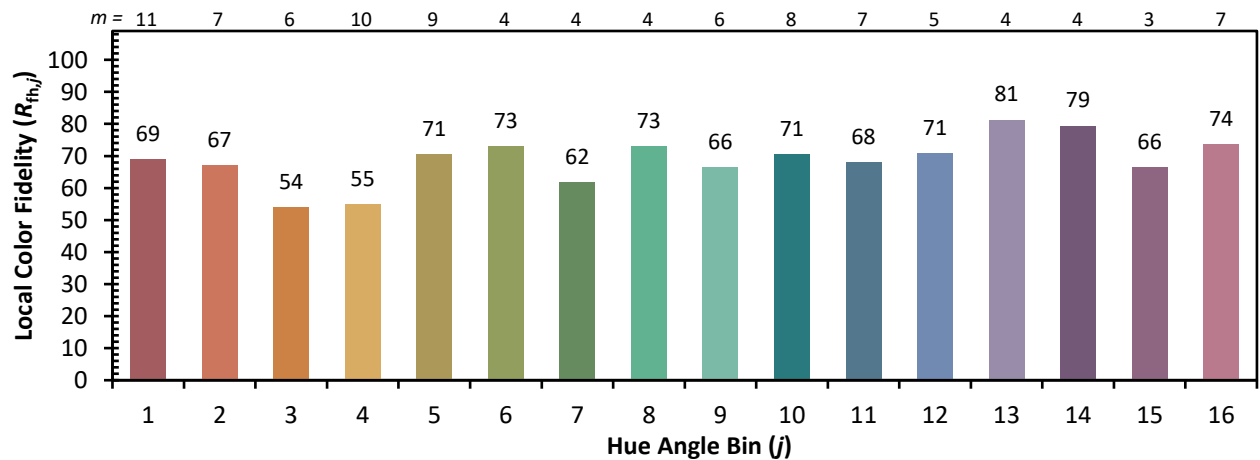


Individual Sample Fidelity Index ($R_{f,i}$)

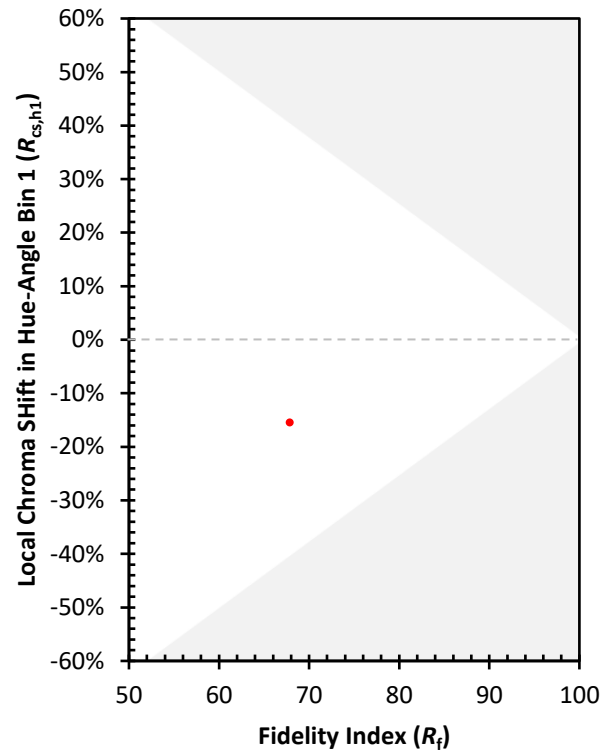
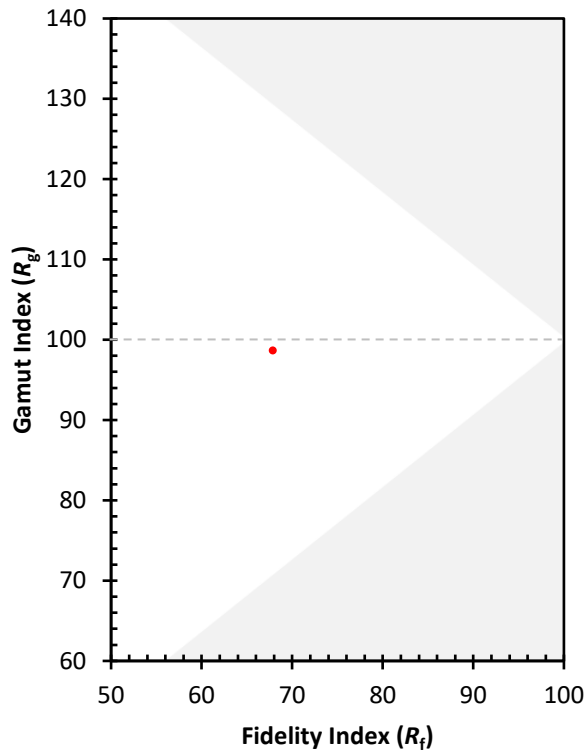
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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