

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: P1047699

Luminaire Tested: **GALN-SA1C-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047699
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5158.7 lumens
Efficiency: N/A
Efficacy: 102.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.2
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

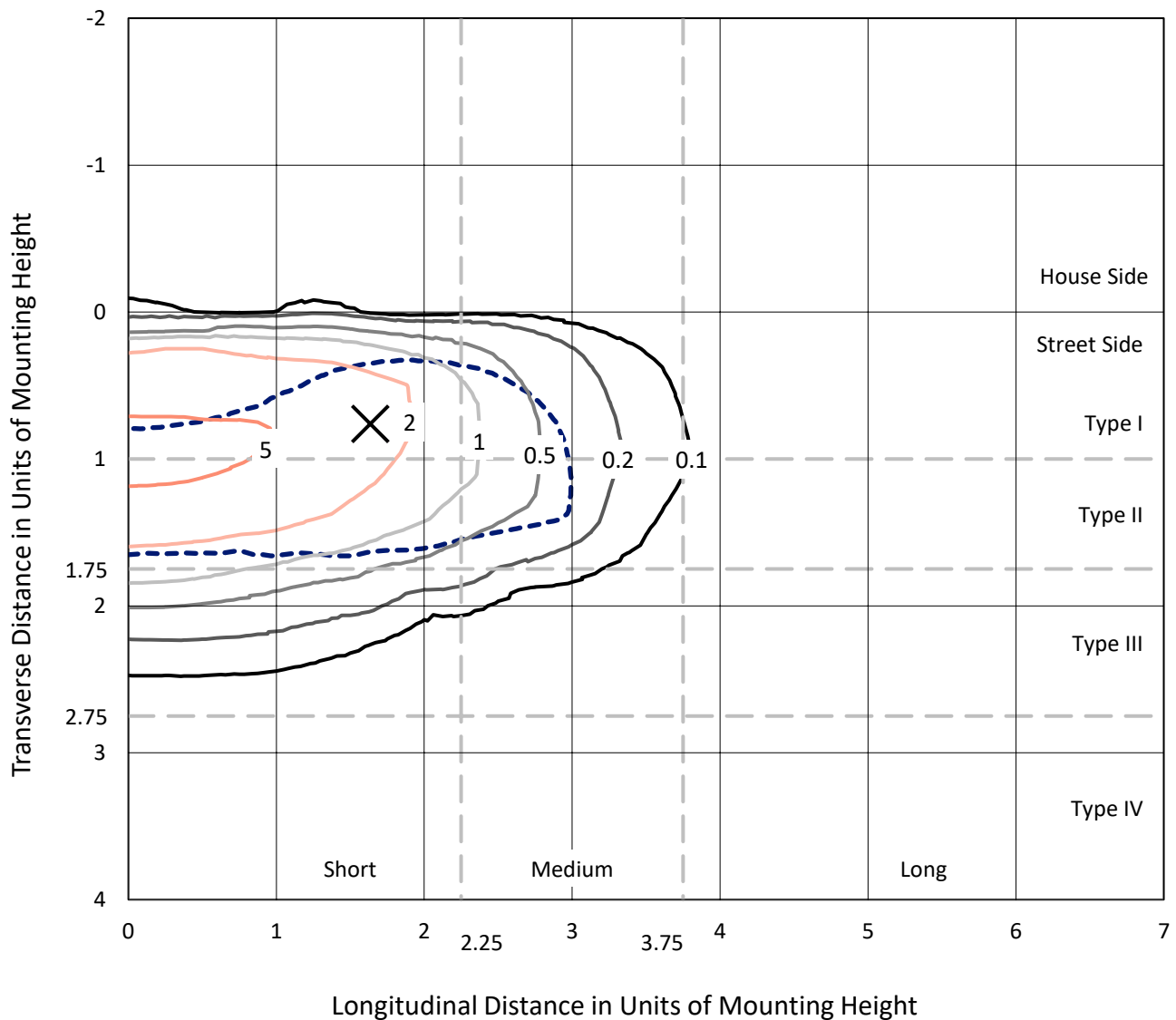


REPORT NUMBER: P1047699

CATALOG NUMBER: GALN-SA1C-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

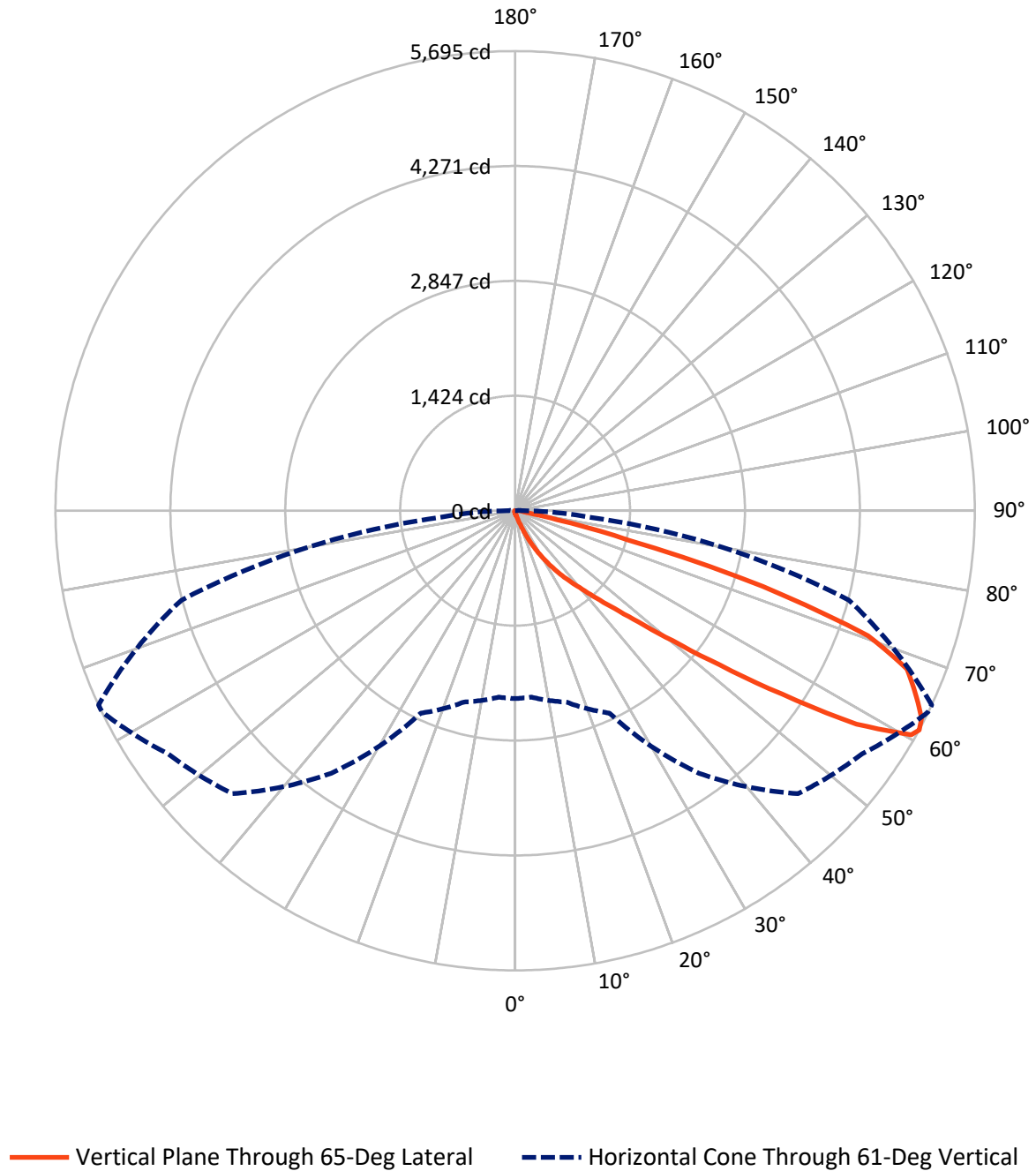


Based on 15 foot mounting height. Maximum calculated value = 6.8 fc
 Type II - Short - N/A

REPORT NUMBER: P1047699

CATALOG NUMBER: GALN-SA1C-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047699

CATALOG NUMBER: GALN-SA1C-727-U-T2BC

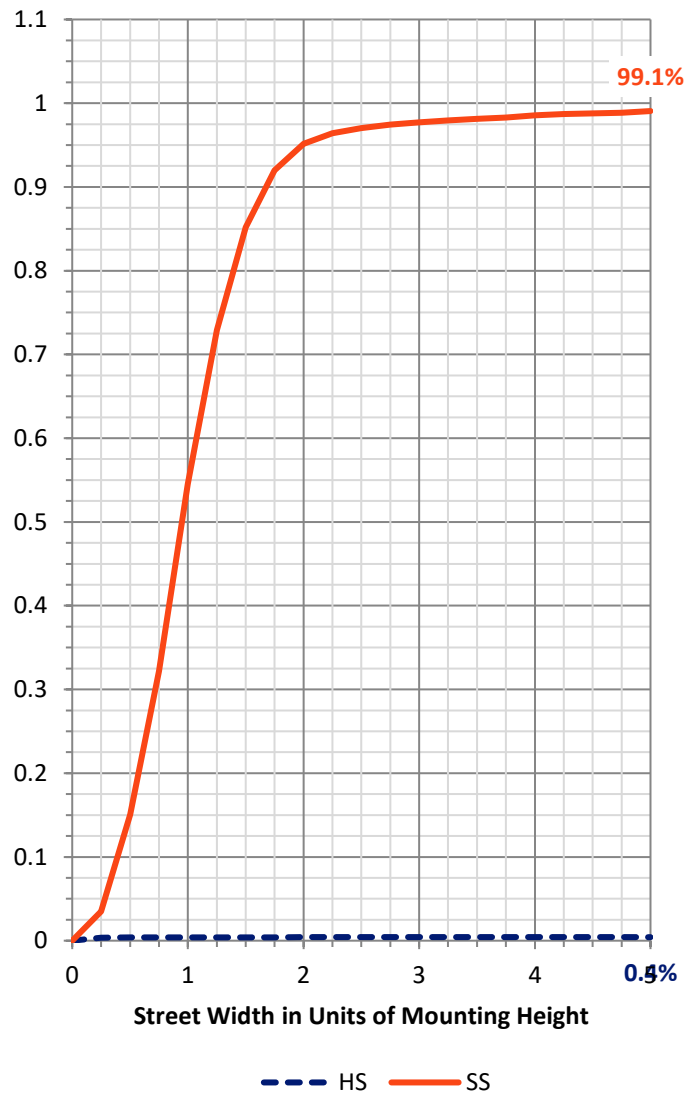
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.0	0.0	22.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5136.6	0.0	5136.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	5158.7	0.0	5158.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.0	0.1
10°-20°	42.4	0.8
20°-30°	152.2	3.0
30°-40°	405.3	7.9
40°-50°	1064.8	20.6
50°-60°	1649.5	32.0
60°-70°	1383.1	26.8
70°-80°	407.0	7.9
80°-90°	50.2	1.0
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°	5158.7	100.0
0°-180°	5158.7	100.0



REPORT NUMBER: P1047699

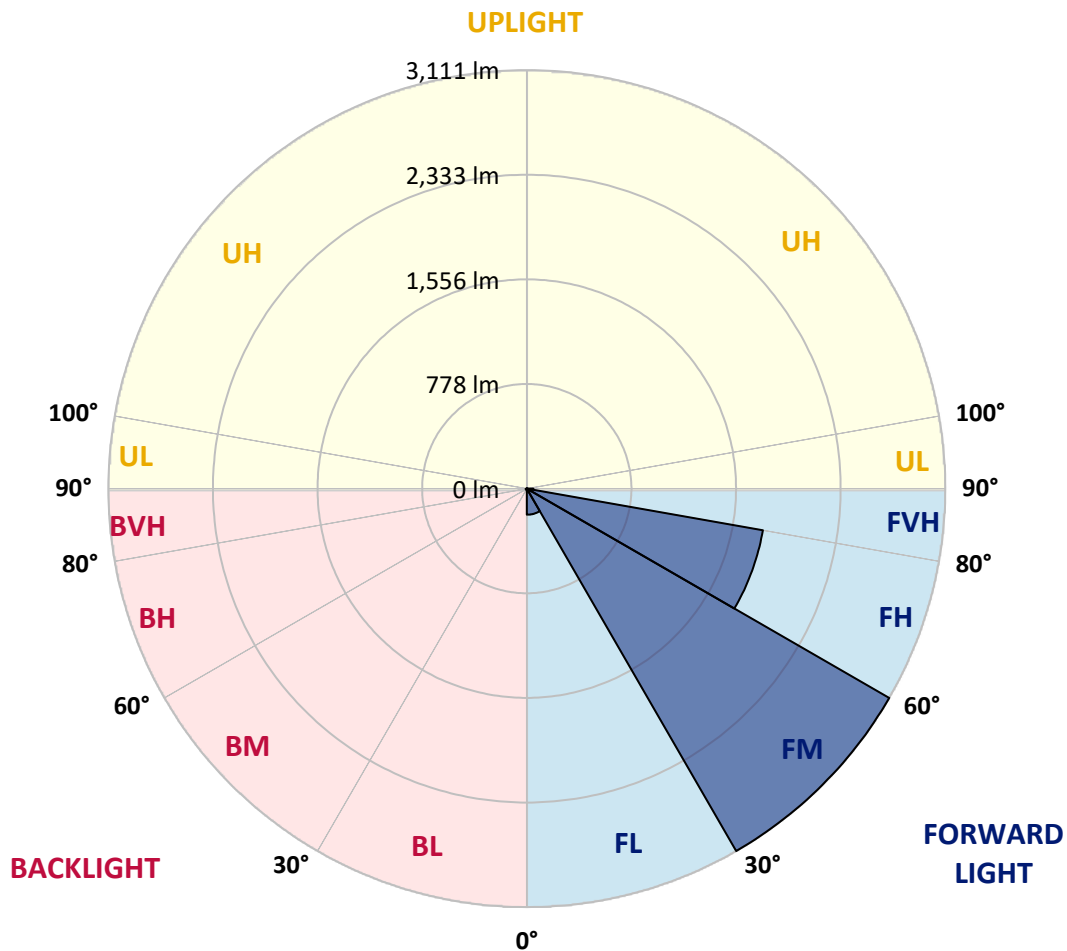
CATALOG NUMBER: GALN-SA1C-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	193.7	3.8			
FM	(30°-60°)	3111.3	60.3			
FH	(60°-80°)	1782.4	34.6			G1/1800
FVH	(80°-90°)	49.3	1.0			G1/100
BL	(0°-30°)	4.9	0.1	B0/110		
BM	(30°-60°)	8.4	0.2	B0/220		
BH	(60°-80°)	7.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G1

Type II Short



REPORT NUMBER: P1047699

CATALOG NUMBER: GALN-SA1C-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
2.5°	38.3	38.7	38.0	36.6	35.5	35.5	35.1	34.1	34.1	33.0	32.3
5°	53.6	52.9	51.5	48.6	46.1	43.6	41.2	38.7	38.3	35.1	33.0
7.5°	87.7	88.4	83.7	74.9	67.4	57.8	49.0	43.6	42.9	37.6	33.4
10°	192.3	187.0	176.4	141.9	116.7	88.0	65.3	50.7	50.0	40.5	34.1
12.5°	350.6	346.3	326.8	291.3	226.4	157.6	95.5	62.8	60.7	42.9	34.4
15°	505.3	498.6	487.9	452.1	376.2	282.5	156.1	85.9	80.2	46.5	34.1
17.5°	604.0	605.0	595.5	580.2	531.2	418.0	269.7	128.1	117.1	52.9	33.4
20°	690.2	687.7	693.0	684.9	650.5	568.1	392.5	203.0	184.2	63.2	33.7
22.5°	789.6	795.6	799.5	797.7	759.8	689.5	531.9	303.8	280.0	82.0	34.8
25°	922.6	921.9	922.3	917.7	880.8	802.7	671.8	429.0	404.9	112.5	37.3
27.5°	1062.1	1066.4	1068.1	1051.5	1003.2	926.5	801.3	566.0	537.6	161.5	40.5
30°	1252.7	1249.1	1240.9	1206.9	1148.3	1053.2	929.0	709.7	679.9	230.0	45.4
32.5°	1509.6	1505.7	1464.5	1389.3	1301.6	1185.2	1057.5	853.8	817.6	315.5	52.2
35°	1932.9	1939.0	1837.8	1643.0	1485.8	1343.9	1199.8	997.2	965.2	420.9	61.4
37.5°	2581.3	2548.3	2410.9	2066.7	1728.2	1541.9	1335.7	1141.9	1114.3	550.7	73.5
40°	3211.1	3178.5	3138.7	2812.6	2149.4	1760.1	1525.9	1311.9	1276.1	697.3	91.2
42.5°	3873.3	3855.2	3853.4	3607.5	2918.0	2103.3	1754.8	1511.0	1480.5	858.1	120.3
45°	4342.4	4324.3	4362.3	4405.2	3964.9	2838.5	2153.3	1769.7	1725.3	1053.2	166.8
47.5°	4405.6	4406.3	4507.8	4642.3	4742.7	3975.9	2684.2	2112.5	2058.5	1332.5	244.9
50°	4195.5	4203.7	4365.1	4605.7	4876.1	4930.1	3620.3	2610.0	2530.2	1663.6	355.6
52.5°	3795.6	3804.8	4029.8	4425.5	4753.4	5159.3	4722.5	3260.8	3168.9	2076.6	511.7
55°	3435.4	3441.1	3699.1	4199.1	4605.4	5034.8	5376.9	4129.9	4009.2	2584.8	665.7
57.5°	3078.8	3065.6	3233.5	3805.9	4580.2	4881.8	5473.4	5120.3	4987.2	3140.2	785.7
60°	2601.8	2579.8	2714.7	3078.8	4248.8	4982.3	5292.8	5668.2	5638.0	3913.4	878.3
61°	2327.5	2318.3	2453.9	2766.1	3969.8	4956.7	5249.5	5691.3	5694.5	4279.3	919.8
62.5°	1662.2	1688.4	1895.7	2301.6	3325.0	4791.0	5255.1	5619.9	5651.5	4765.4	1027.3
65°	738.8	781.0	942.2	1272.5	1933.6	3985.4	5204.7	5463.4	5447.8	4898.9	1397.8
67.5°	438.3	444.6	524.8	721.1	1024.1	2143.7	4593.0	5256.6	5235.6	4264.7	1739.2
70°	345.3	348.5	374.0	452.4	594.4	821.1	2621.4	4547.9	4639.1	3458.1	1702.6
72.5°	327.5	326.8	330.4	344.2	374.4	407.4	1014.9	3023.1	3208.7	2490.4	1427.6
75°	323.3	321.9	318.3	313.0	271.1	239.9	314.4	1337.1	1444.6	1701.6	1074.9
77.5°	313.7	314.1	314.8	300.2	232.4	169.6	152.2	429.0	527.7	1079.8	764.0
80°	212.2	215.4	220.7	215.0	209.0	122.8	107.5	152.6	154.7	606.1	504.6
82.5°	107.5	107.5	105.0	93.7	80.9	79.8	85.5	110.7	112.1	306.6	237.4
85°	64.9	68.5	69.9	63.5	58.2	53.6	65.3	88.0	91.2	118.9	55.4
87.5°	14.5	14.9	16.3	21.6	31.6	42.9	60.7	80.6	82.0	76.3	6.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1047699

CATALOG NUMBER: GALN-SA1C-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
2.5°	31.9	31.2	30.9	29.8	28.7	27.7	27.0	26.6	27.0	27.3	27.3
5°	31.6	30.5	28.7	27.0	25.6	24.1	22.7	22.4	22.4	22.7	22.7
7.5°	31.6	29.8	27.3	25.2	23.1	20.9	19.9	19.2	19.5	19.5	19.5
10°	31.6	29.5	26.3	23.1	20.6	18.1	16.3	15.6	15.6	15.6	15.6
12.5°	31.2	29.1	25.2	21.3	17.7	14.9	12.8	11.7	12.1	12.1	12.1
15°	30.5	28.0	23.8	18.1	14.2	11.4	9.2	8.2	8.5	9.2	9.6
17.5°	29.5	27.0	21.3	15.3	11.4	8.5	6.4	5.7	6.0	7.1	7.1
20°	29.1	25.9	18.8	12.4	8.5	6.0	4.3	3.5	3.9	5.3	5.7
22.5°	29.1	25.2	17.0	10.3	6.4	3.9	2.5	1.4	1.4	2.5	2.5
25°	29.5	24.8	15.6	8.5	4.6	2.8	1.4	0.7	1.4	3.9	4.6
27.5°	30.2	24.5	14.9	7.1	3.5	2.5	1.1	2.5	4.3	4.3	4.3
30°	30.9	23.8	13.8	6.0	3.2	1.8	1.8	3.5	3.5	4.3	4.6
32.5°	31.9	23.4	13.1	5.3	2.5	1.4	2.5	2.1	2.1	2.5	2.8
35°	34.1	23.8	12.4	5.3	2.5	1.8	2.1	1.1	0.7	0.7	0.7
37.5°	36.9	24.1	11.4	4.6	2.1	2.1	1.1	0.0	0.0	0.0	0.0
40°	41.5	25.2	10.6	4.3	1.8	1.8	0.4	0.0	0.0	0.0	0.0
42.5°	49.3	27.3	10.3	3.9	1.8	1.4	0.0	0.0	0.0	0.0	0.0
45°	64.9	32.3	9.6	3.5	1.8	0.7	0.0	0.0	0.0	0.0	0.0
47.5°	93.3	44.0	9.2	2.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	136.3	59.6	8.9	2.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	173.9	62.8	6.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	178.1	43.3	4.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	141.9	28.0	3.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	107.5	21.3	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	103.3	19.2	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	113.9	16.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	185.2	13.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	321.9	12.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	406.7	11.4	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	354.5	10.3	2.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	213.3	8.9	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	111.8	6.7	2.1	1.8	1.1	0.4	0.0	0.0	0.0	0.0	0.0
80°	54.3	6.0	2.5	1.8	1.4	0.7	0.0	0.0	0.0	0.0	0.0
82.5°	21.3	5.0	2.8	2.5	1.8	1.1	0.4	0.0	0.0	0.0	0.0
85°	9.6	4.3	3.2	2.8	2.5	1.4	0.4	0.0	0.0	0.0	0.0
87.5°	5.0	3.9	3.5	3.2	2.5	1.8	0.7	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

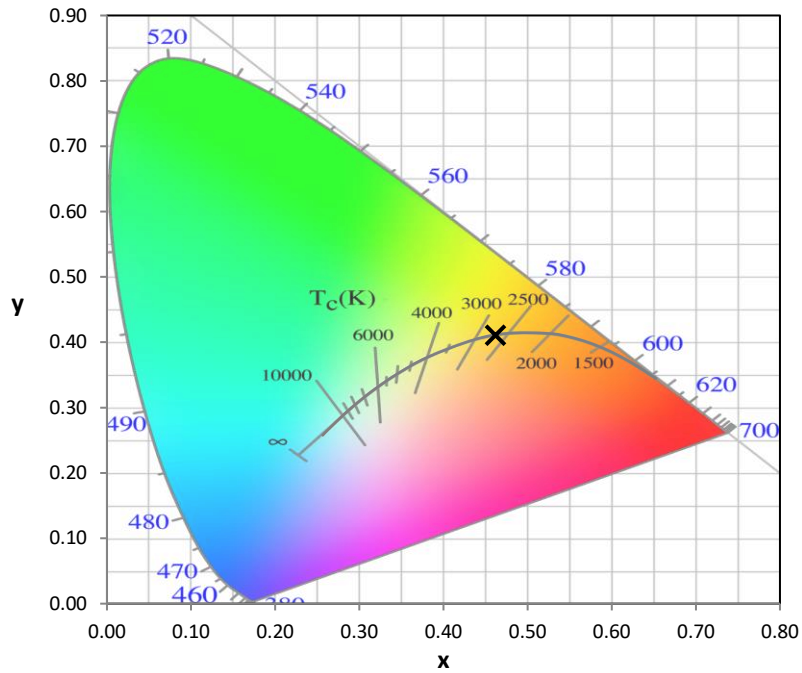
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

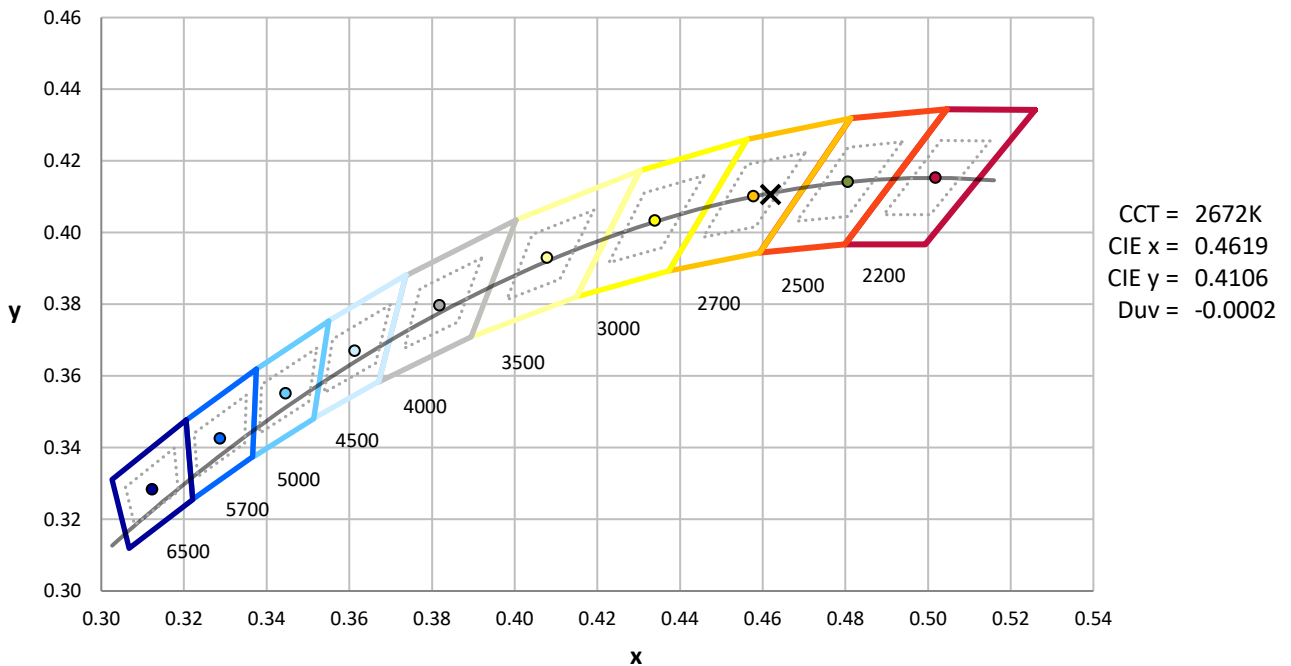
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

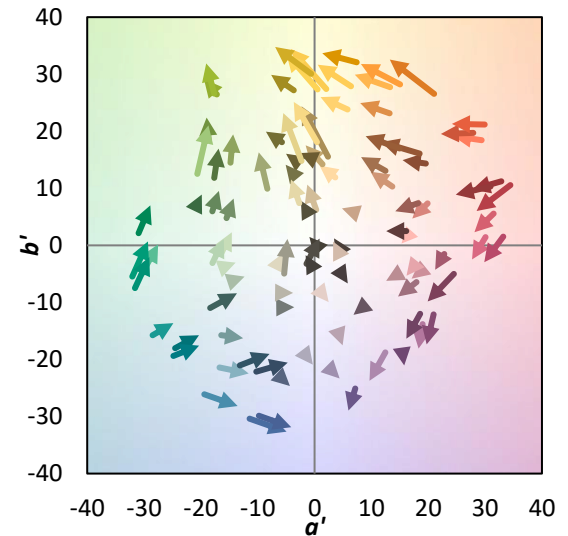
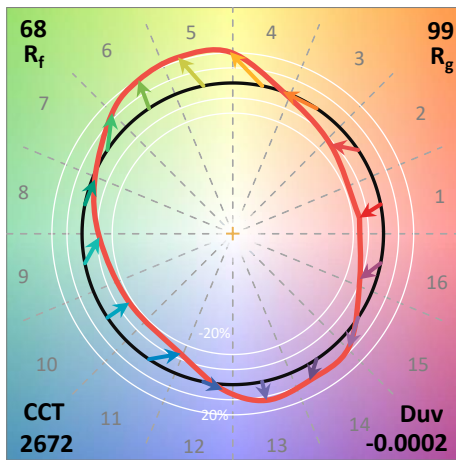
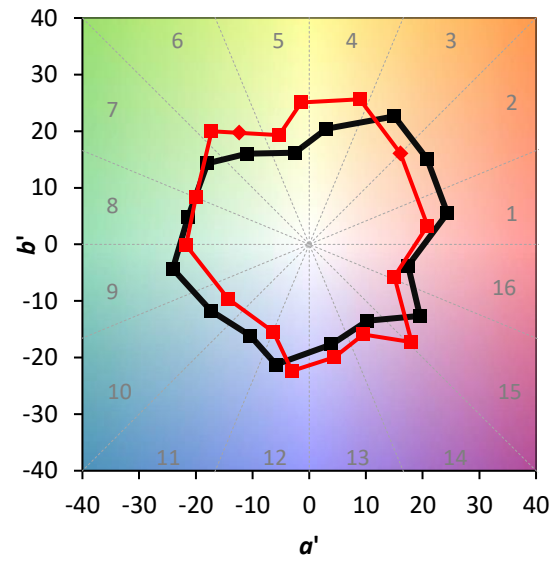
Summary

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

Spectral Power Distribution Comparison

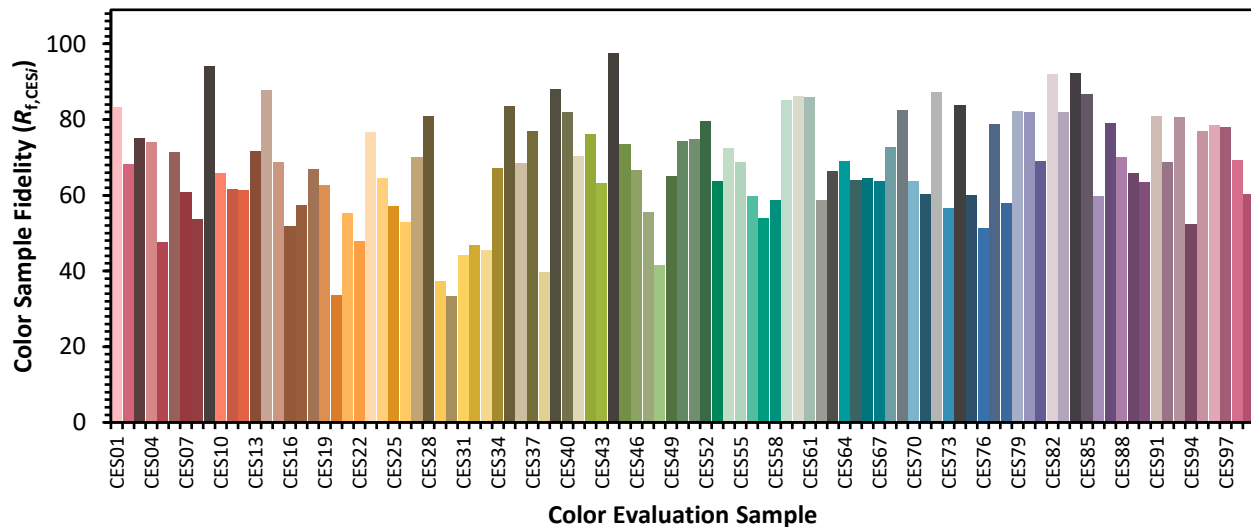


Color Vector Graphics

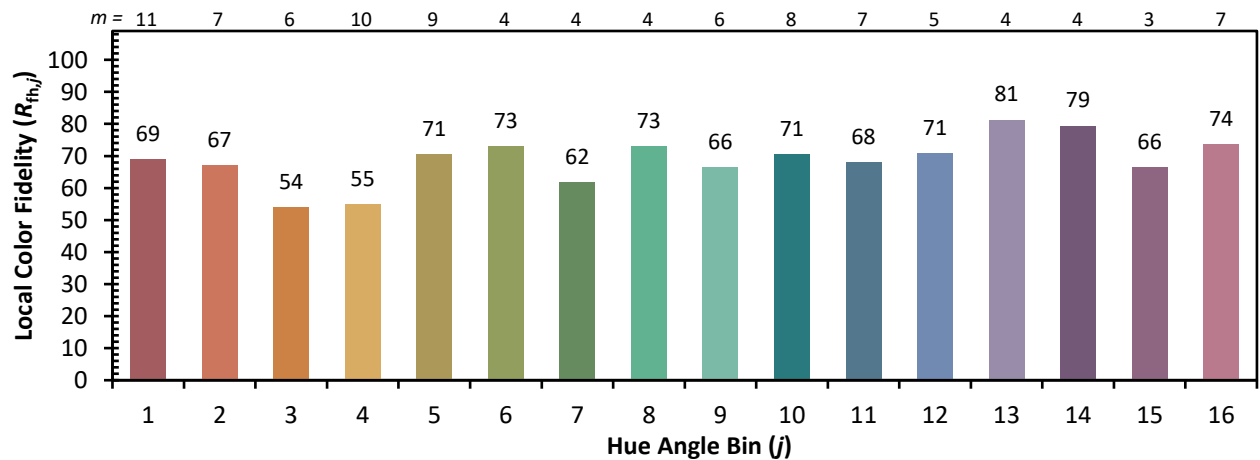
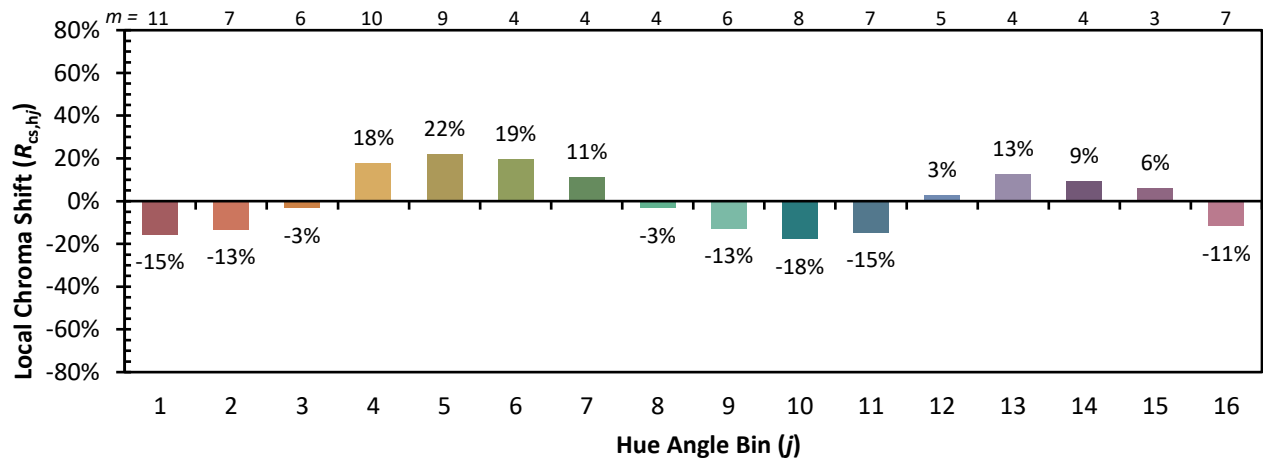


Individual Sample Fidelity Index ($R_{f,i}$)

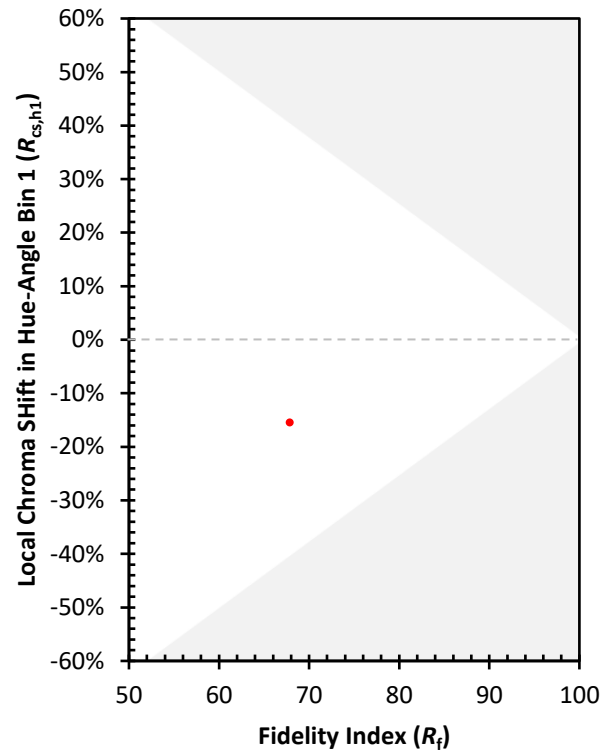
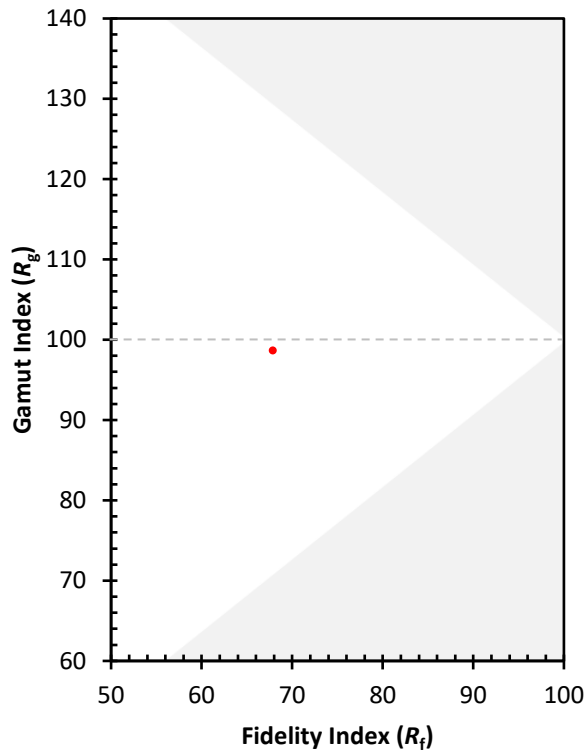
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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