

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: P1048317

Luminaire Tested: **GALN-SA3A-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048317
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10110 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

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

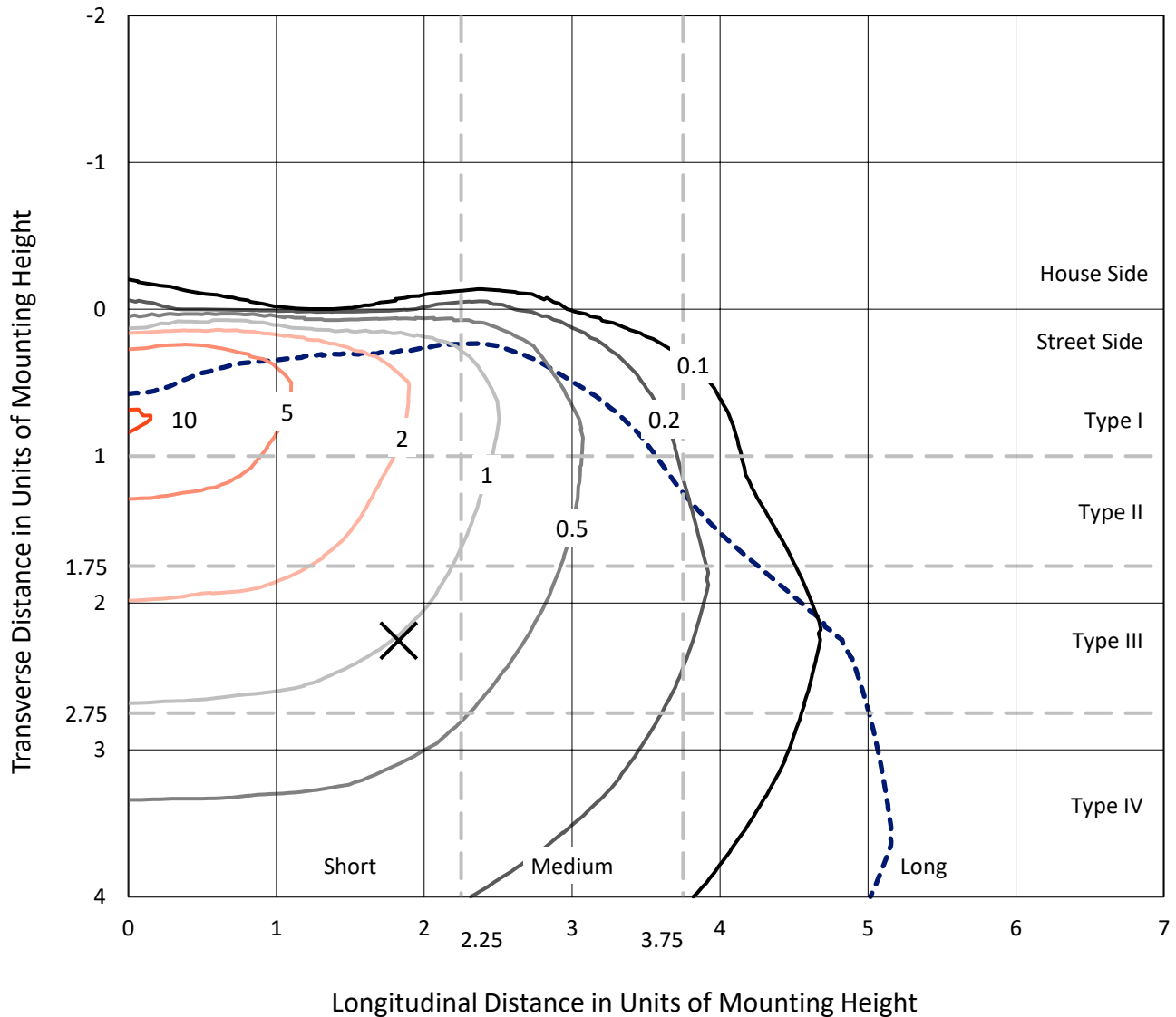


REPORT NUMBER: P1048317

CATALOG NUMBER: GALN-SA3A-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

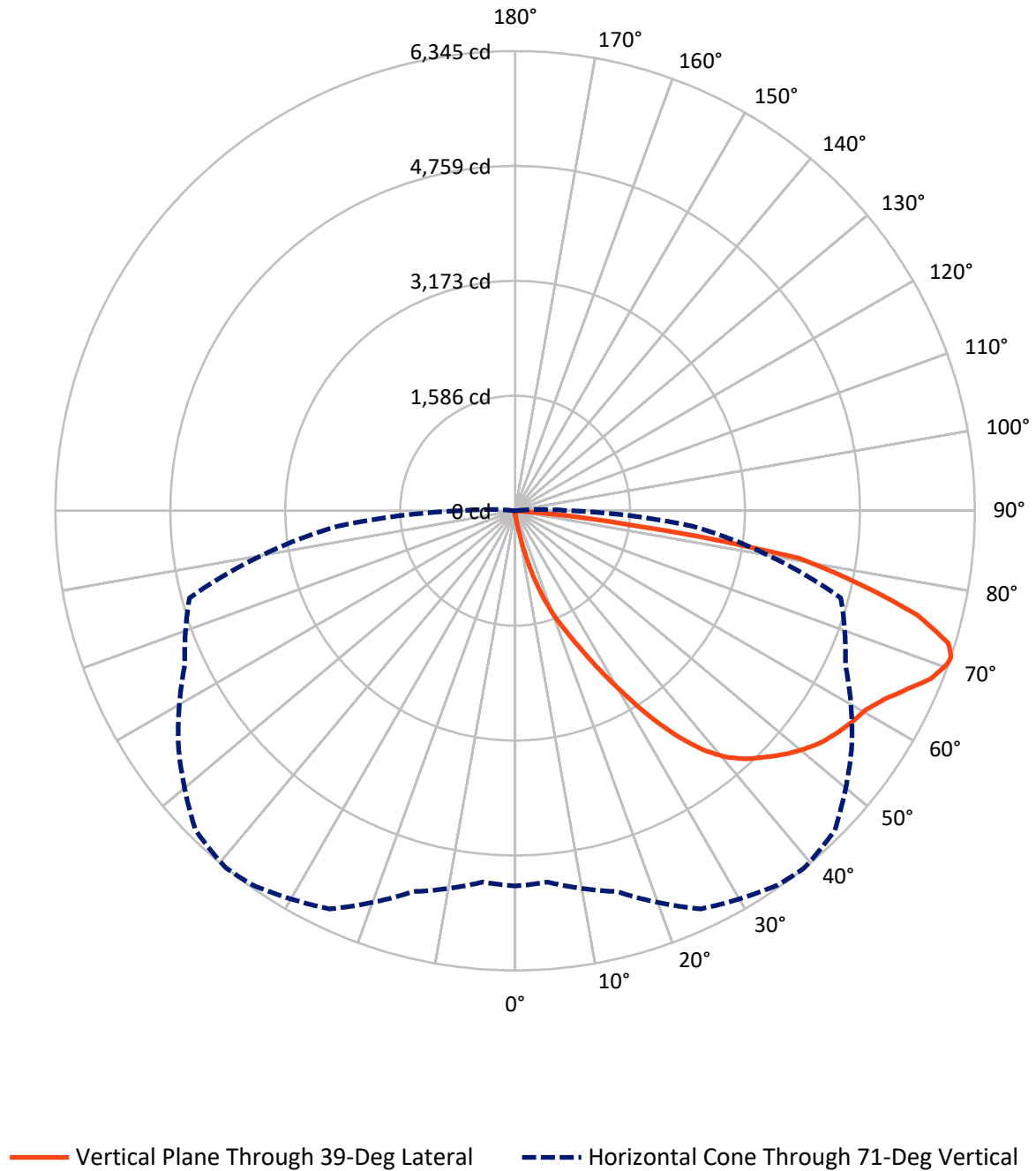


Based on 15 foot mounting height. Maximum calculated value = 10.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048317

CATALOG NUMBER: GALN-SA3A-727-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048317

CATALOG NUMBER: GALN-SA3A-727-U-T4BC

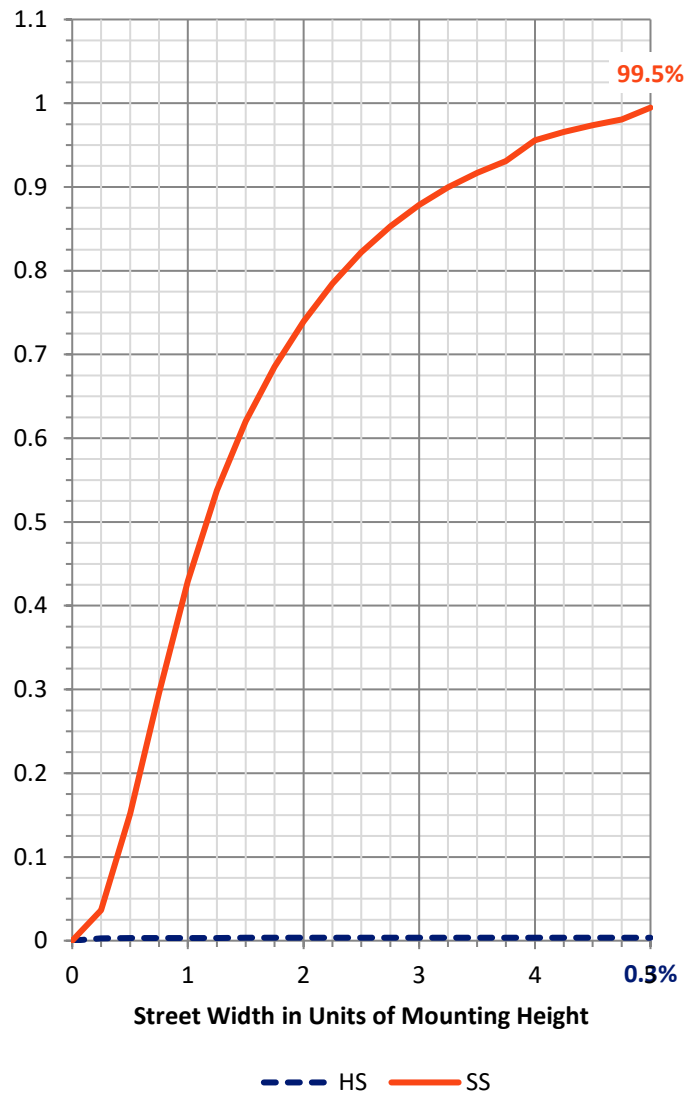
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.9	0.0	35.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10074.0	0.0	10074.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	10110.0	0.0	10110.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	0.1
10°-20°	108.1	1.1
20°-30°	384.8	3.8
30°-40°	927.4	9.2
40°-50°	1552.1	15.4
50°-60°	1993.5	19.7
60°-70°	2522.8	25.0
70°-80°	2249.2	22.2
80°-90°	363.6	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°	10110.0	100.0
0°-180°	10110.0	100.0



REPORT NUMBER: P1048317

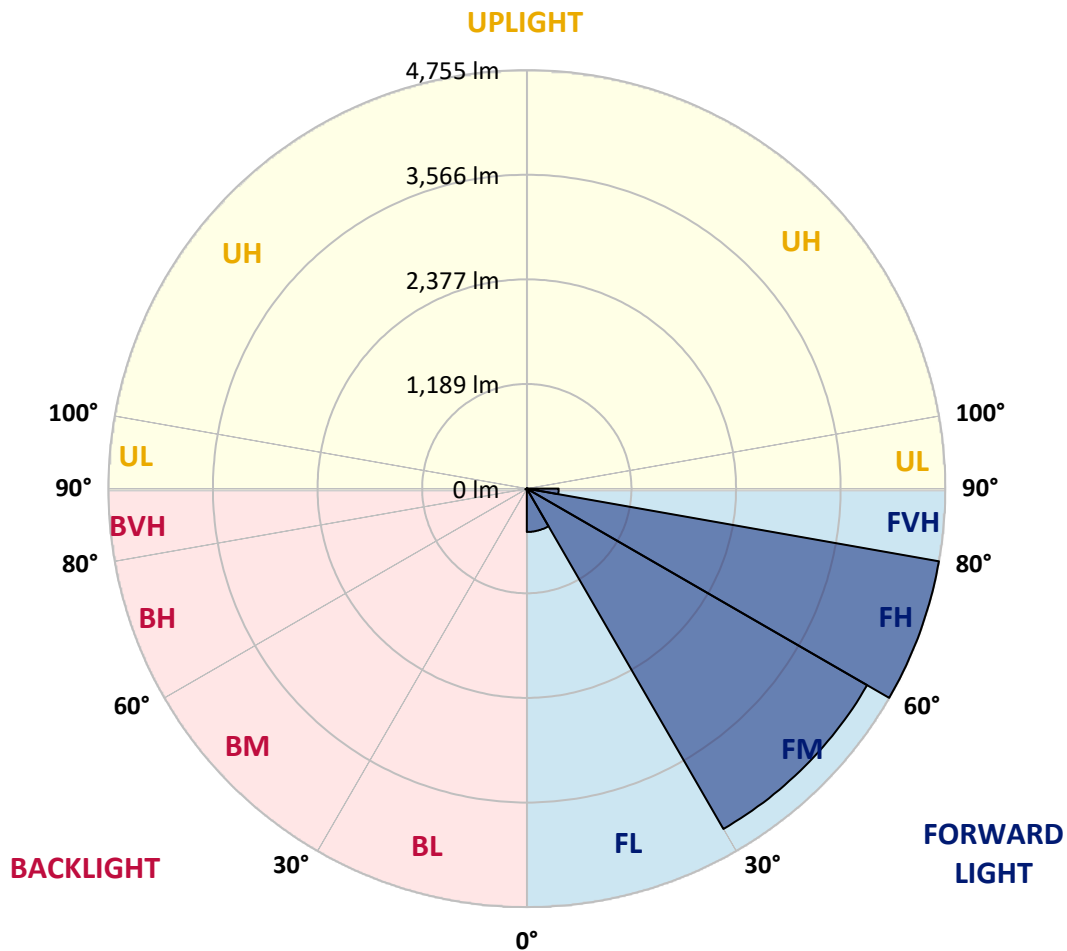
CATALOG NUMBER: GALN-SA3A-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	492.6	4.9			
FM	(30°-60°)	4464.8	44.2			
FH	(60°-80°)	4754.7	47.0			G2/5000
FVH	(80°-90°)	361.9	3.6			G3/500
BL	(0°-30°)	8.7	0.1	B0/110		
BM	(30°-60°)	8.3	0.1	B0/220		
BH	(60°-80°)	17.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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-G3

Type IV Short



REPORT NUMBER: P1048317

CATALOG NUMBER: GALN-SA3A-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
2.5°	63.6	63.6	63.6	61.6	61.6	60.9	60.2	60.2	58.9	58.2	56.8
5°	96.5	94.4	89.7	86.9	81.4	78.0	74.6	69.8	65.0	61.6	57.5
7.5°	218.3	223.1	207.4	177.9	147.8	134.8	112.9	91.0	75.3	65.0	58.2
10°	556.4	553.7	500.3	441.4	340.8	300.4	235.4	148.5	97.2	71.2	58.9
12.5°	946.5	943.8	880.8	800.7	668.0	583.8	460.6	277.2	139.6	80.8	58.9
15°	1274.3	1263.4	1243.5	1164.1	1008.8	938.3	775.4	490.0	225.8	97.2	60.2
17.5°	1491.3	1481.7	1463.2	1434.5	1335.9	1252.4	1121.7	769.9	365.5	125.9	63.0
20°	1690.4	1683.6	1668.5	1663.1	1599.4	1554.9	1446.8	1091.6	569.4	171.1	67.1
22.5°	1964.2	1949.8	1956.0	1923.1	1860.9	1807.5	1741.1	1428.3	818.5	246.4	74.6
25°	2299.6	2292.7	2275.6	2252.3	2166.1	2119.6	2017.6	1745.9	1097.1	344.9	82.8
27.5°	2704.7	2697.2	2693.1	2639.7	2540.5	2489.8	2347.5	2045.6	1410.5	483.2	93.8
30°	3171.5	3174.9	3148.2	3079.8	2964.1	2892.9	2746.5	2359.8	1731.5	645.4	105.4
32.5°	3654.6	3647.8	3606.7	3526.0	3422.6	3356.3	3170.1	2704.0	2068.2	859.6	119.1
35°	4175.5	4162.5	4054.3	3961.9	3873.7	3790.2	3620.4	3103.7	2405.0	1099.8	137.6
37.5°	4701.1	4640.2	4423.2	4306.2	4245.3	4176.8	4018.7	3530.1	2739.6	1368.1	160.1
40°	5098.0	5050.8	4793.5	4577.9	4529.3	4471.1	4353.4	3898.3	3095.5	1656.2	187.5
42.5°	5317.7	5291.7	5060.4	4847.5	4733.2	4681.9	4581.3	4220.0	3447.3	1974.5	227.2
45°	5411.5	5371.1	5216.4	5117.2	4935.1	4850.3	4730.5	4462.9	3814.8	2335.8	282.7
47.5°	5382.7	5359.5	5248.6	5284.9	5152.8	5020.7	4844.8	4649.1	4128.9	2750.6	358.6
50°	5202.1	5182.2	5148.0	5344.4	5328.0	5171.9	4992.6	4796.2	4385.6	3178.3	476.3
52.5°	4858.5	4850.3	4937.9	5297.9	5427.2	5305.4	5135.0	4926.2	4625.1	3625.2	644.7
55°	4415.7	4449.2	4699.7	5225.3	5477.9	5404.0	5260.9	5048.1	4817.4	4024.9	893.1
57.5°	4233.6	4242.5	4555.3	5174.0	5500.5	5490.9	5383.4	5164.4	4994.0	4344.5	1272.3
60°	4446.5	4432.8	4597.7	5213.0	5545.6	5568.8	5492.2	5272.5	5147.3	4619.0	1777.4
62.5°	4831.1	4823.6	4876.3	5379.3	5677.7	5724.9	5643.5	5350.6	5282.8	4799.6	2353.6
65°	5174.7	5158.9	5256.8	5674.3	5909.7	5943.3	5872.1	5484.0	5342.4	4931.0	2895.0
67.5°	5323.2	5319.8	5477.2	5954.9	6153.4	6189.6	6127.4	5668.1	5328.7	4972.8	3133.8
70°	5255.4	5242.4	5494.3	6074.0	6290.9	6332.0	6271.8	5736.6	5180.2	4840.7	2780.0
71°	5180.8	5145.9	5443.0	6065.8	6310.1	6345.0	6239.6	5674.3	5031.0	4653.2	2459.0
72.5°	4949.5	4955.7	5302.0	5980.2	6264.2	6254.0	6057.5	5451.2	4851.0	4227.5	1975.2
75°	4380.1	4416.4	4845.5	5620.9	5855.0	5724.2	5423.8	5024.8	4489.6	3031.2	1371.5
77.5°	3579.4	3633.4	4105.0	4929.7	4863.3	4850.3	4838.0	4427.3	3834.0	1628.2	954.0
80°	1708.9	1826.0	2476.1	3519.1	3823.0	3970.2	3877.8	3567.7	2964.8	775.4	570.1
82.5°	111.6	110.2	156.0	295.7	1246.3	1611.1	2559.6	2550.0	2066.9	377.8	232.7
85°	52.7	54.1	59.5	67.8	78.7	86.2	119.1	698.1	988.9	180.0	50.6
87.5°	30.8	31.5	37.0	47.2	61.6	68.4	81.4	104.7	128.7	99.2	11.0
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: P1048317

CATALOG NUMBER: GALN-SA3A-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
2.5°	56.1	55.4	53.4	51.3	49.3	47.9	47.2	47.9	47.9	48.6	48.6
5°	56.1	54.1	50.6	46.5	43.8	41.1	39.7	39.0	39.7	39.7	39.7
7.5°	55.4	52.0	47.2	42.4	39.0	35.6	34.2	33.5	33.5	34.2	34.2
10°	54.1	50.6	44.5	39.0	34.9	30.8	28.7	26.7	26.7	26.7	27.4
12.5°	53.4	48.6	41.1	35.6	30.1	25.3	21.2	19.2	19.8	19.8	19.8
15°	52.0	46.5	39.0	32.2	25.3	19.2	15.7	13.7	14.4	15.1	14.4
17.5°	52.0	45.9	36.3	28.1	19.8	14.4	11.6	10.3	10.3	11.0	11.0
20°	52.0	44.5	34.2	24.0	15.1	11.0	8.2	7.5	7.5	8.9	9.6
22.5°	53.4	44.5	31.5	19.8	12.3	8.2	6.2	5.5	6.2	7.5	8.2
25°	55.4	43.8	28.7	17.8	10.3	6.2	4.8	3.4	4.1	5.5	6.2
27.5°	57.5	43.1	26.0	15.7	8.2	4.8	3.4	2.7	2.1	2.7	2.7
30°	59.5	43.1	23.3	13.0	6.8	3.4	2.1	1.4	0.7	0.0	0.0
32.5°	60.9	41.7	21.2	10.3	5.5	2.7	1.4	0.7	0.0	0.0	0.0
35°	62.3	40.4	18.5	8.2	4.1	2.1	0.7	0.0	0.0	0.0	0.0
37.5°	63.6	38.3	15.7	6.8	3.4	1.4	0.0	0.0	0.0	0.0	0.0
40°	65.0	35.6	13.0	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	66.4	33.5	11.0	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	69.8	32.2	8.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	76.0	30.8	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	84.9	29.4	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	97.2	28.7	6.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	119.1	28.1	6.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	156.7	27.4	6.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	240.2	26.0	6.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	429.1	25.3	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	748.0	26.0	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1072.4	27.4	4.8	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	917.8	24.0	4.8	2.7	1.4	0.7	0.0	0.0	0.0	0.0	0.0
71°	748.0	21.2	4.8	2.7	1.4	0.7	0.7	0.0	0.0	0.0	0.0
72.5°	481.1	16.4	4.1	2.7	1.4	1.4	0.7	0.0	0.0	0.0	0.0
75°	203.3	13.7	4.1	2.7	2.1	1.4	1.4	0.7	0.0	0.0	0.0
77.5°	86.9	10.3	4.1	3.4	2.7	2.1	2.1	1.4	0.7	0.0	0.0
80°	32.9	8.2	4.8	4.1	3.4	3.4	2.7	1.4	0.7	0.0	0.0
82.5°	15.1	6.8	4.8	4.1	4.1	3.4	2.7	2.1	1.4	0.0	0.0
85°	9.6	6.2	4.8	4.1	4.1	3.4	3.4	2.1	1.4	0.0	0.0
87.5°	7.5	6.2	4.8	4.8	4.1	4.1	2.7	2.1	0.7	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

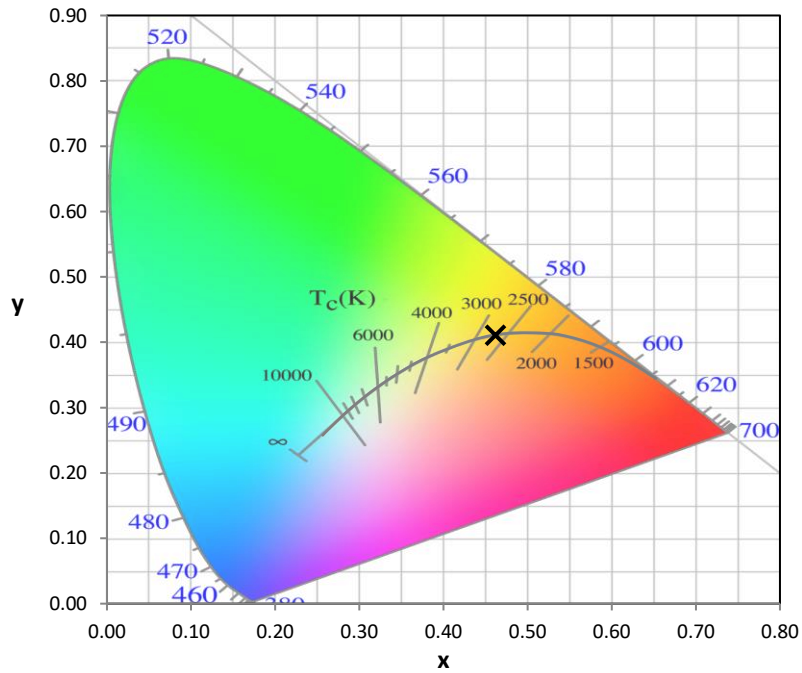
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

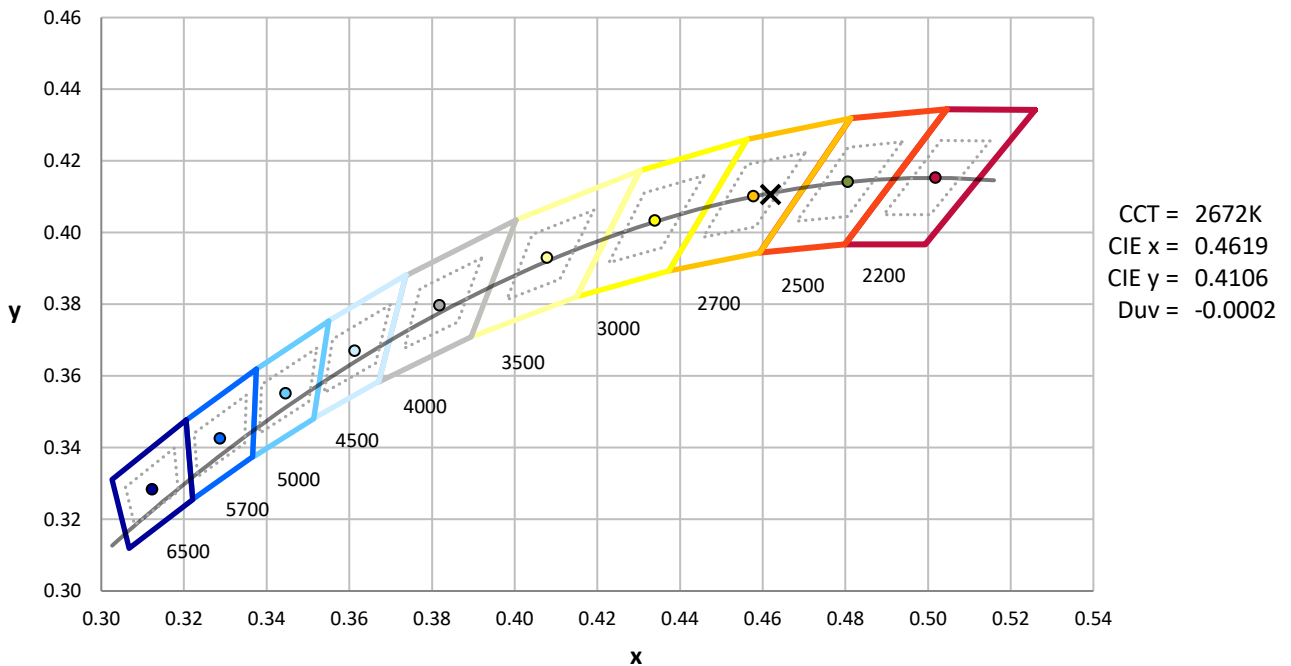
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

TM-30-18

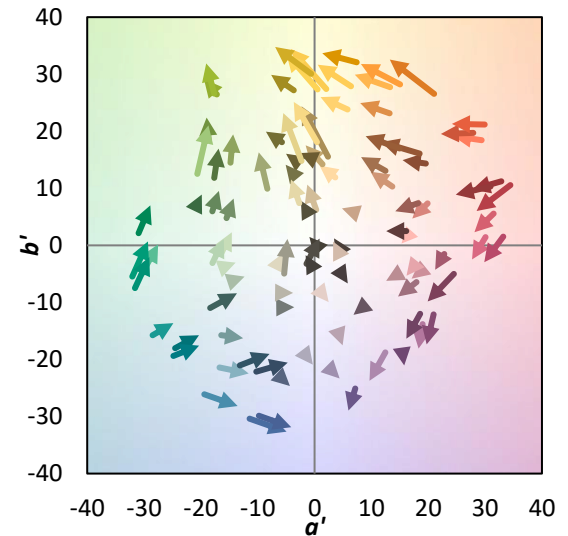
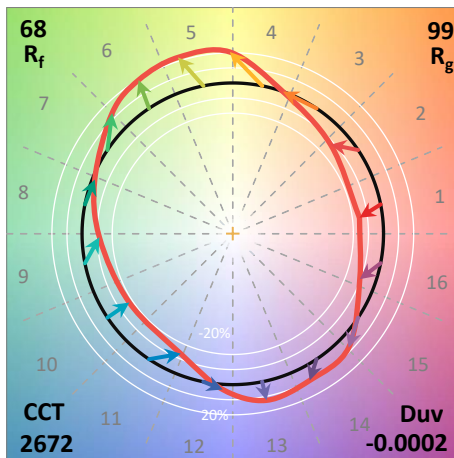
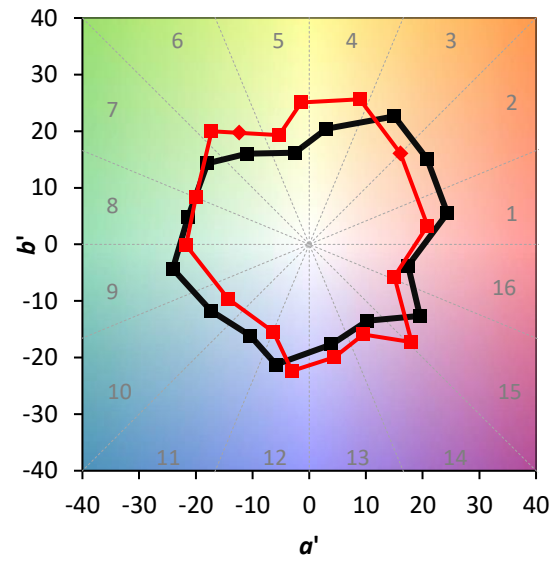
Summary

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

Spectral Power Distribution Comparison

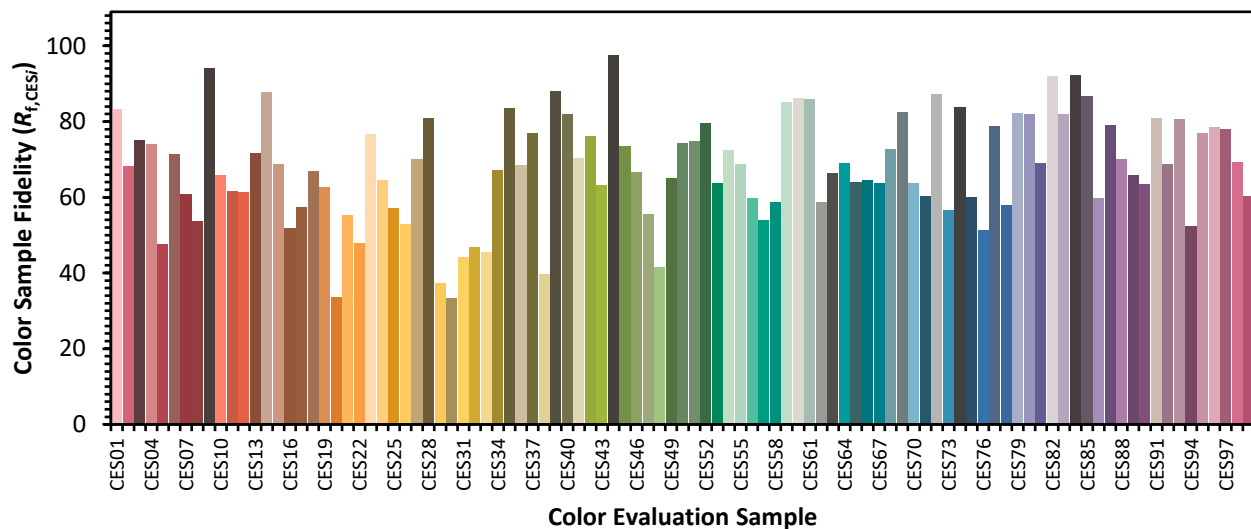


Color Vector Graphics

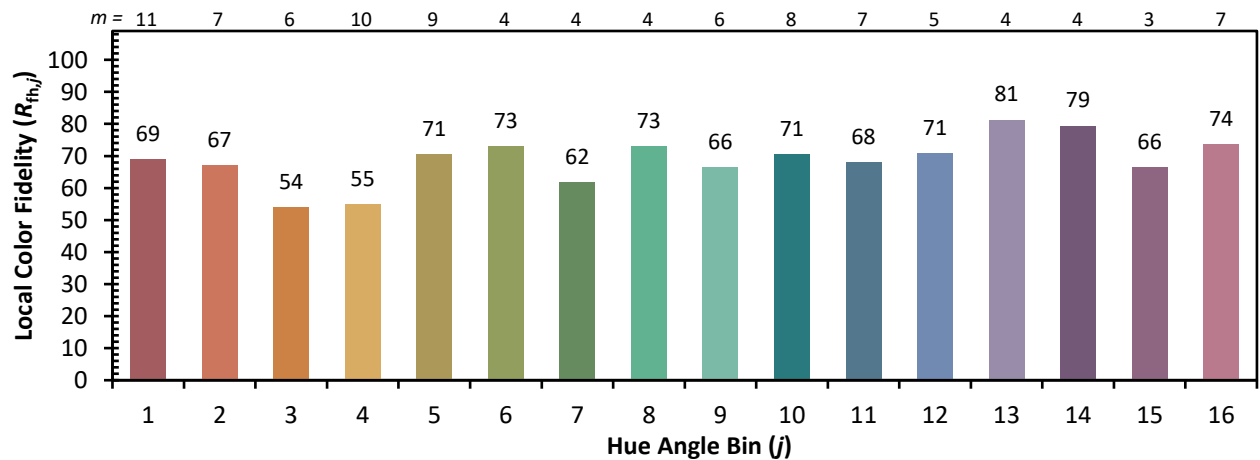


Individual Sample Fidelity Index ($R_{f,i}$)

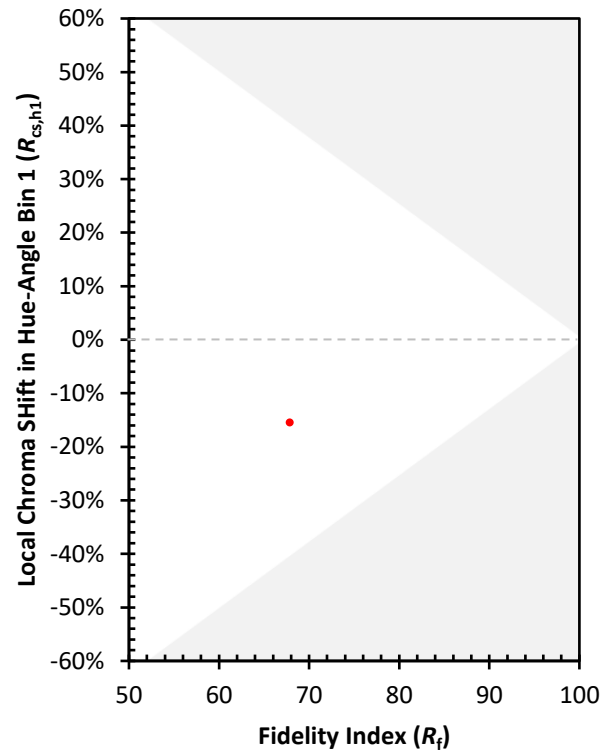
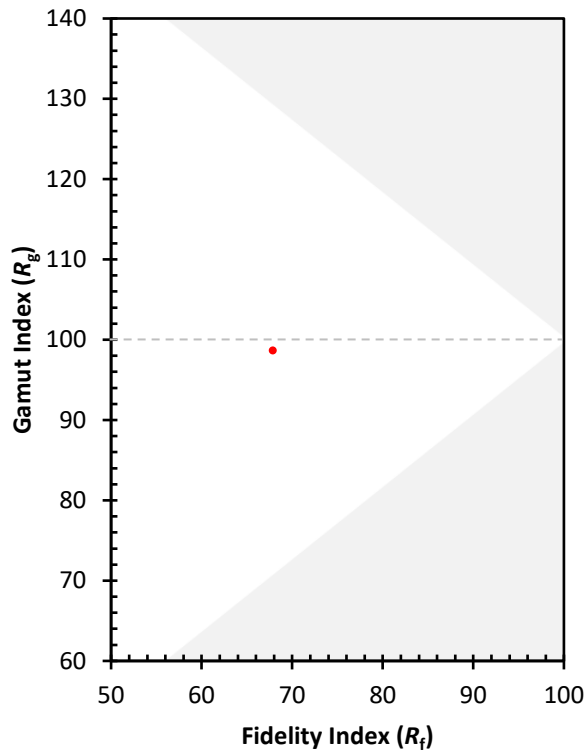
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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