

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: STREETWORKS

Report Number: P1063625

Luminaire Tested: **GLAN-SA2A-840-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063625
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2A-840-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6652.2 lumens
Efficiency: N/A
Efficacy: 119.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

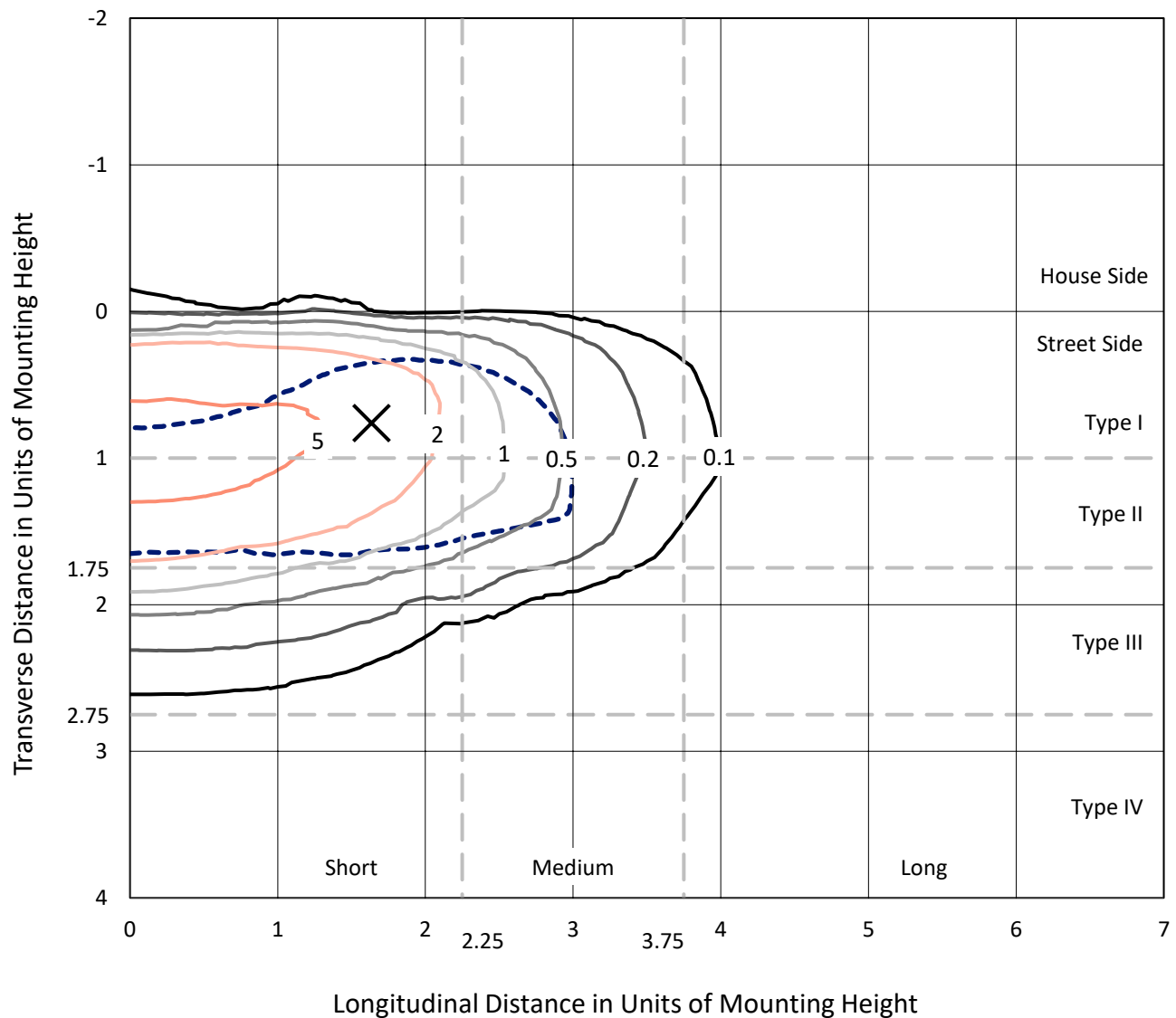


REPORT NUMBER: P1063625

CATALOG NUMBER: GLAN-SA2A-840-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

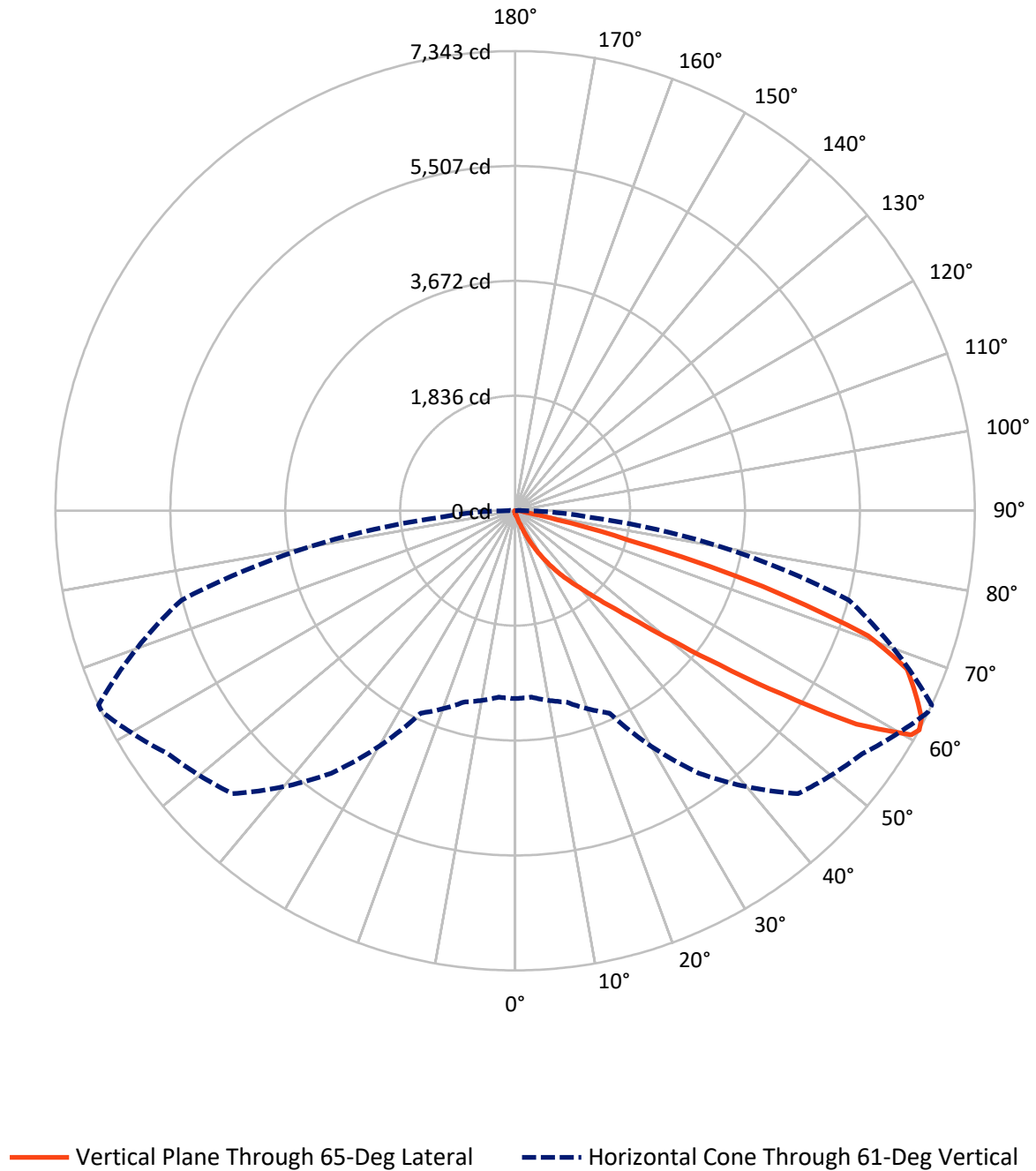


Based on 15 foot mounting height. Maximum calculated value = 8.8 fc
 Type II - Short - N/A

REPORT NUMBER: P1063625

CATALOG NUMBER: GLAN-SA2A-840-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063625

CATALOG NUMBER: GLAN-SA2A-840-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.4	0.0	28.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6623.8	0.0	6623.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	6652.2	0.0	6652.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	54.7	0.8
20°-30°	196.3	3.0
30°-40°	522.7	7.9
40°-50°	1373.0	20.6
50°-60°	2127.1	32.0
60°-70°	1783.5	26.8
70°-80°	524.9	7.9
80°-90°	64.7	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°	6652.2	100.0
0°-180°	6652.2	100.0



REPORT NUMBER: P1063625

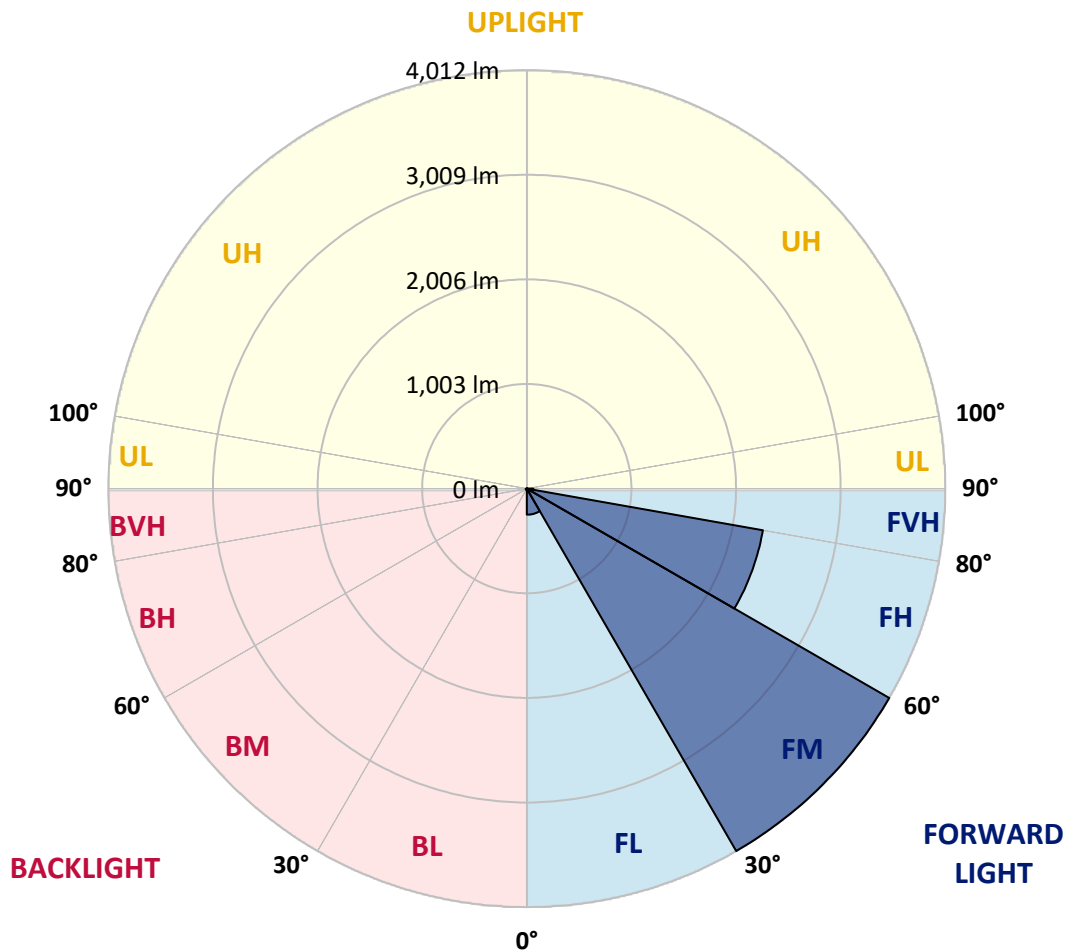
CATALOG NUMBER: GLAN-SA2A-840-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.8	3.8			
FM	(30°-60°)	4012.0	60.3			
FH	(60°-80°)	2298.4	34.6			G2/5000
FVH	(80°-90°)	63.5	1.0			G1/100
BL	(0°-30°)	6.4	0.1	B0/110		
BM	(30°-60°)	10.8	0.2	B0/220		
BH	(60°-80°)	10.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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 II Short



REPORT NUMBER: P1063625

CATALOG NUMBER: GLAN-SA2A-840-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
2.5°	49.4	49.9	49.0	47.1	45.8	45.8	45.3	43.9	43.9	42.6	41.6
5°	69.1	68.2	66.4	62.7	59.5	56.3	53.1	49.9	49.4	45.3	42.6
7.5°	113.0	113.9	108.0	96.6	86.9	74.6	63.1	56.3	55.4	48.5	43.0
10°	248.0	241.2	227.4	183.0	150.5	113.5	84.2	65.4	64.5	52.2	43.9
12.5°	452.1	446.6	421.4	375.7	291.9	203.2	123.1	81.0	78.2	55.4	44.4
15°	651.6	642.9	629.2	583.0	485.1	364.2	201.3	110.7	103.4	59.9	43.9
17.5°	778.8	780.2	767.8	748.2	685.0	539.1	347.8	165.2	151.0	68.2	43.0
20°	890.0	886.8	893.7	883.2	838.8	732.6	506.1	261.7	237.5	81.5	43.5
22.5°	1018.2	1025.9	1031.0	1028.7	979.7	889.1	685.9	391.7	361.0	105.7	44.8
25°	1189.8	1188.8	1189.3	1183.3	1135.8	1035.1	866.2	553.2	522.1	145.1	48.0
27.5°	1369.6	1375.1	1377.4	1355.9	1293.6	1194.8	1033.3	729.9	693.3	208.2	52.2
30°	1615.3	1610.7	1600.2	1556.3	1480.8	1358.2	1198.0	915.2	876.8	296.5	58.6
32.5°	1946.6	1941.6	1888.5	1791.5	1678.5	1528.4	1363.6	1101.0	1054.3	406.8	67.3
35°	2492.5	2500.3	2369.9	2118.7	1916.0	1732.9	1547.1	1285.9	1244.7	542.7	79.2
37.5°	3328.6	3286.0	3108.9	2665.1	2228.5	1988.3	1722.4	1472.6	1436.9	710.2	94.7
40°	4140.8	4098.7	4047.5	3626.9	2771.7	2269.7	1967.7	1691.7	1645.5	899.2	117.6
42.5°	4994.7	4971.3	4969.1	4651.9	3762.8	2712.2	2262.8	1948.5	1909.1	1106.5	155.1
45°	5599.6	5576.3	5625.3	5680.6	5112.7	3660.3	2776.7	2282.0	2224.8	1358.2	215.1
47.5°	5681.1	5682.0	5812.9	5986.3	6115.8	5126.9	3461.3	2724.1	2654.5	1718.3	315.7
50°	5410.2	5420.7	5628.9	5939.2	6287.9	6357.4	4668.4	3365.6	3262.7	2145.2	458.5
52.5°	4894.5	4906.4	5196.5	5706.7	6129.5	6653.0	6089.7	4204.9	4086.3	2677.9	659.9
55°	4430.0	4437.3	4770.0	5414.8	5938.7	6492.4	6933.5	5325.5	5169.9	3333.1	858.5
57.5°	3970.1	3953.2	4169.6	4907.7	5906.2	6295.2	7058.0	6602.7	6431.1	4049.3	1013.1
60°	3355.1	3326.7	3500.6	3970.1	5478.8	6424.7	6825.1	7309.2	7270.3	5046.4	1132.6
61°	3001.4	2989.5	3164.3	3567.0	5119.1	6391.7	6769.2	7339.0	7343.1	5518.2	1186.1
62.5°	2143.4	2177.3	2444.5	2968.0	4287.7	6178.0	6776.6	7247.0	7287.7	6145.1	1324.7
65°	952.7	1007.2	1214.9	1640.9	2493.5	5139.3	6711.6	7045.2	7025.0	6317.1	1802.5
67.5°	565.1	573.4	676.8	929.8	1320.6	2764.3	5922.7	6778.4	6751.4	5499.4	2242.7
70°	445.2	449.4	482.3	583.4	766.5	1058.9	3380.3	5864.6	5982.2	4459.3	2195.6
72.5°	422.4	421.4	426.0	443.9	482.8	525.3	1308.7	3898.3	4137.6	3211.4	1840.9
75°	416.9	415.0	410.5	403.6	349.6	309.3	405.4	1724.2	1862.9	2194.2	1386.1
77.5°	404.5	405.0	405.9	387.1	299.7	218.7	196.3	553.2	680.4	1392.5	985.2
80°	273.6	277.8	284.6	277.3	269.5	158.3	138.7	196.8	199.5	781.6	650.7
82.5°	138.7	138.7	135.4	120.8	104.3	103.0	110.3	142.8	144.6	395.4	306.1
85°	83.7	88.3	90.1	81.9	75.0	69.1	84.2	113.5	117.6	153.3	71.4
87.5°	18.8	19.2	21.0	27.9	40.7	55.4	78.2	103.9	105.7	98.4	8.7
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: P1063625

CATALOG NUMBER: GLAN-SA2A-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
2.5°	41.2	40.3	39.8	38.4	37.1	35.7	34.8	34.3	34.8	35.2	35.2
5°	40.7	39.4	37.1	34.8	32.9	31.1	29.3	28.8	28.8	29.3	29.3
7.5°	40.7	38.4	35.2	32.5	29.7	27.0	25.6	24.7	25.2	25.2	25.2
10°	40.7	38.0	33.9	29.7	26.5	23.3	21.0	20.1	20.1	20.1	20.1
12.5°	40.3	37.5	32.5	27.5	22.9	19.2	16.5	15.1	15.6	15.6	15.6
15°	39.4	36.2	30.7	23.3	18.3	14.6	11.9	10.5	11.0	11.9	12.4
17.5°	38.0	34.8	27.5	19.7	14.6	11.0	8.2	7.3	7.8	9.2	9.2
20°	37.5	33.4	24.3	16.0	11.0	7.8	5.5	4.6	5.0	6.9	7.3
22.5°	37.5	32.5	22.0	13.3	8.2	5.0	3.2	1.8	1.8	3.2	3.2
25°	38.0	32.0	20.1	11.0	5.9	3.7	1.8	0.9	1.8	5.0	5.9
27.5°	38.9	31.6	19.2	9.2	4.6	3.2	1.4	3.2	5.5	5.5	5.5
30°	39.8	30.7	17.8	7.8	4.1	2.3	2.3	4.6	4.6	5.5	5.9
32.5°	41.2	30.2	16.9	6.9	3.2	1.8	3.2	2.7	2.7	3.2	3.7
35°	43.9	30.7	16.0	6.9	3.2	2.3	2.7	1.4	0.9	0.9	0.9
37.5°	47.6	31.1	14.6	5.9	2.7	2.7	1.4	0.0	0.0	0.0	0.0
40°	53.5	32.5	13.7	5.5	2.3	2.3	0.5	0.0	0.0	0.0	0.0
42.5°	63.6	35.2	13.3	5.0	2.3	1.8	0.0	0.0	0.0	0.0	0.0
45°	83.7	41.6	12.4	4.6	2.3	0.9	0.0	0.0	0.0	0.0	0.0
47.5°	120.3	56.7	11.9	3.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	175.7	76.9	11.4	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	224.2	81.0	7.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	229.7	55.8	5.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	183.0	36.2	5.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	138.7	27.5	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	133.2	24.7	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	146.9	21.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	238.9	17.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	415.0	15.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	524.4	14.6	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	457.1	13.3	2.7	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	275.0	11.4	2.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	144.1	8.7	2.7	2.3	1.4	0.5	0.0	0.0	0.0	0.0	0.0
80°	70.0	7.8	3.2	2.3	1.8	0.9	0.0	0.0	0.0	0.0	0.0
82.5°	27.5	6.4	3.7	3.2	2.3	1.4	0.5	0.0	0.0	0.0	0.0
85°	12.4	5.5	4.1	3.7	3.2	1.8	0.5	0.0	0.0	0.0	0.0
87.5°	6.4	5.0	4.6	4.1	3.2	2.3	0.9	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

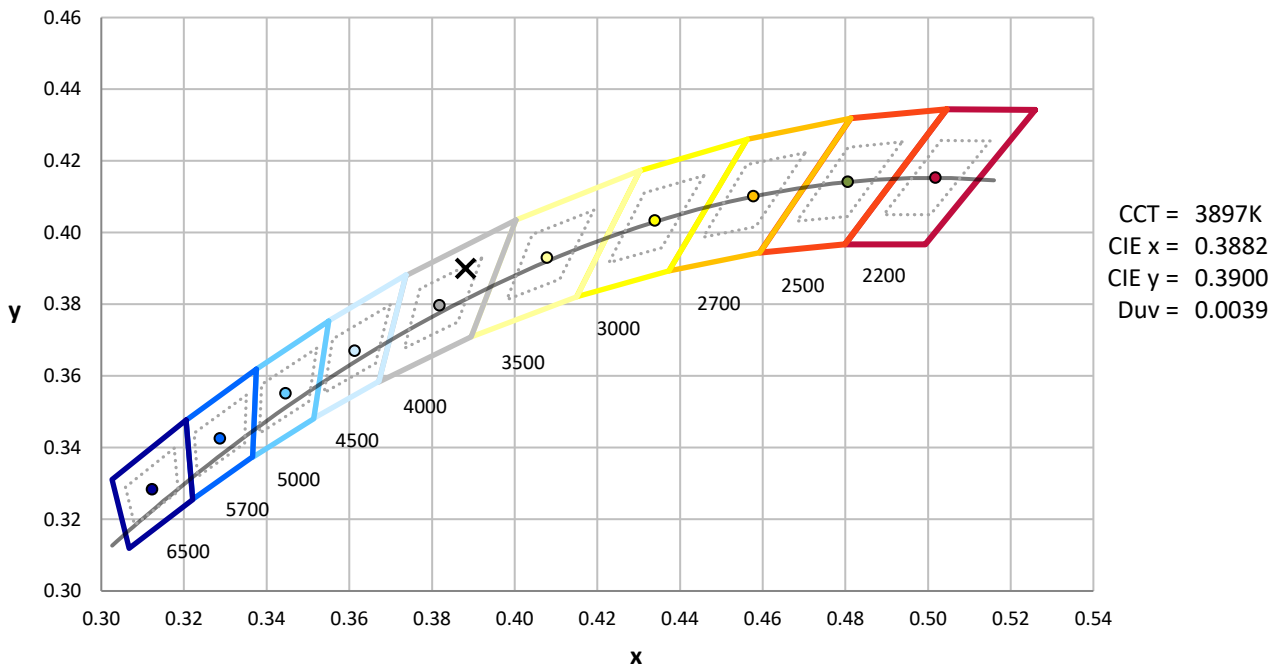
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

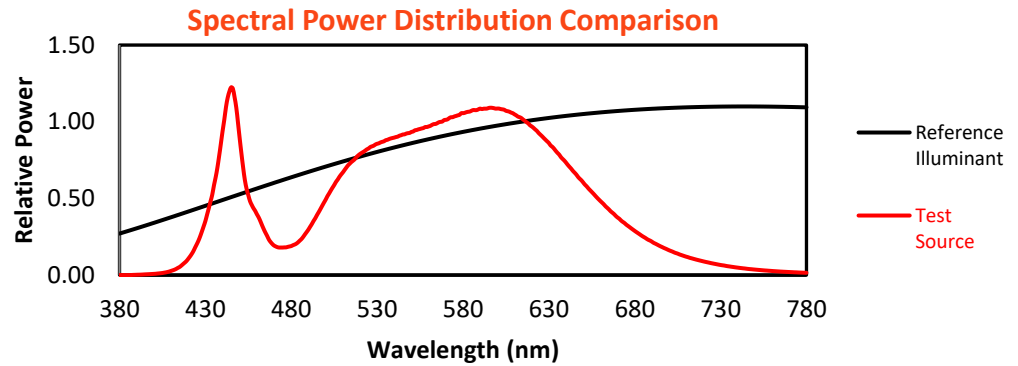
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

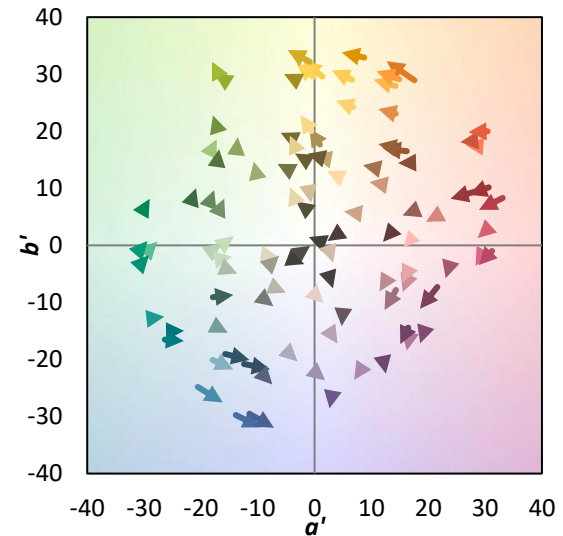
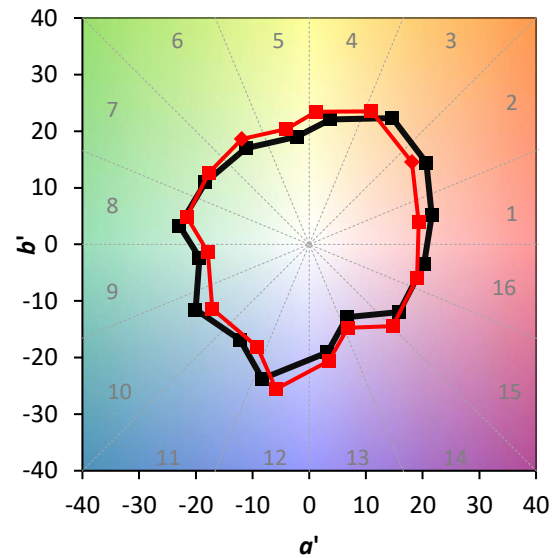
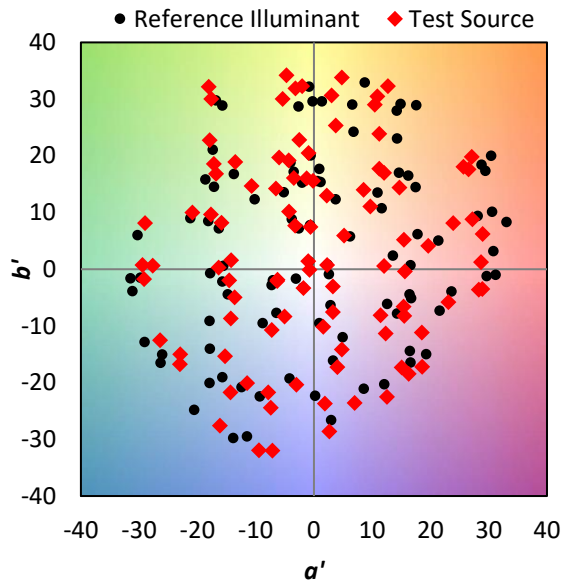
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$

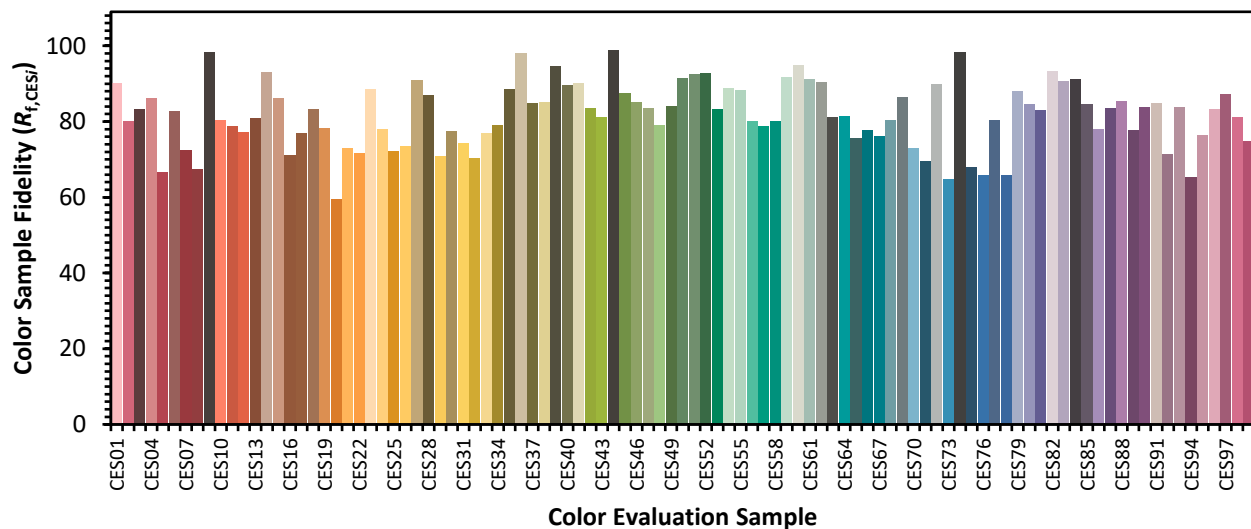


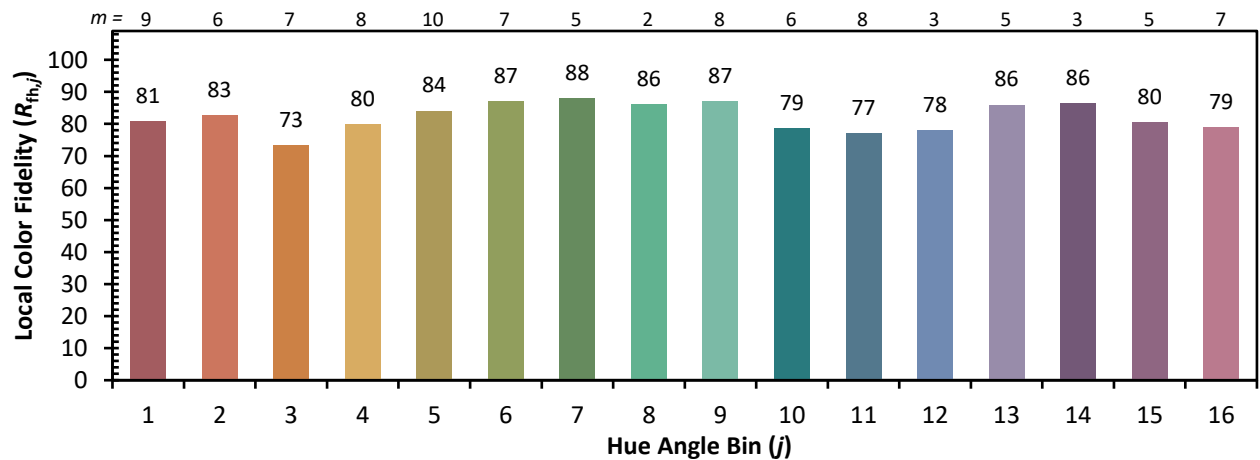
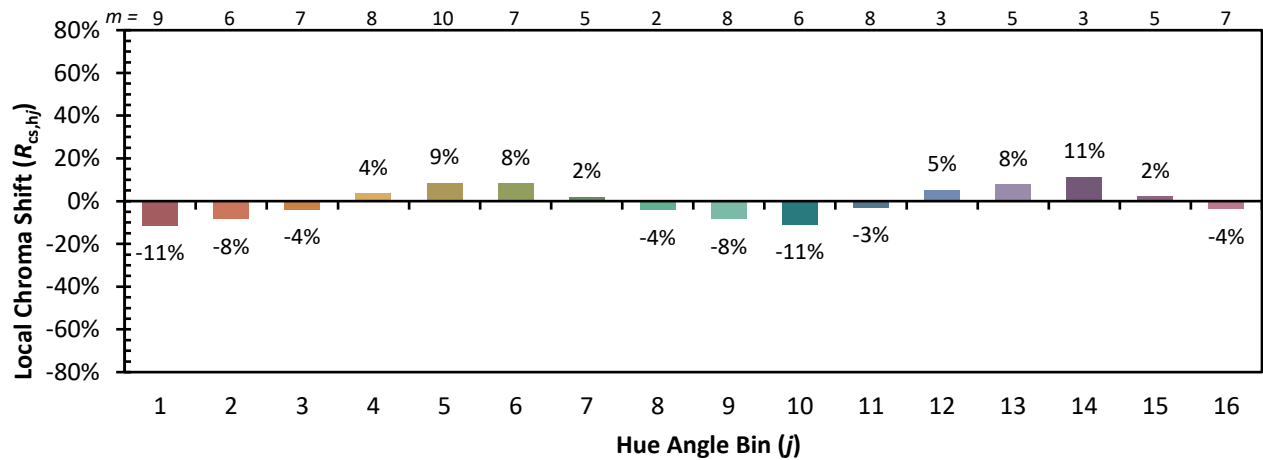
Color Vector Graphics



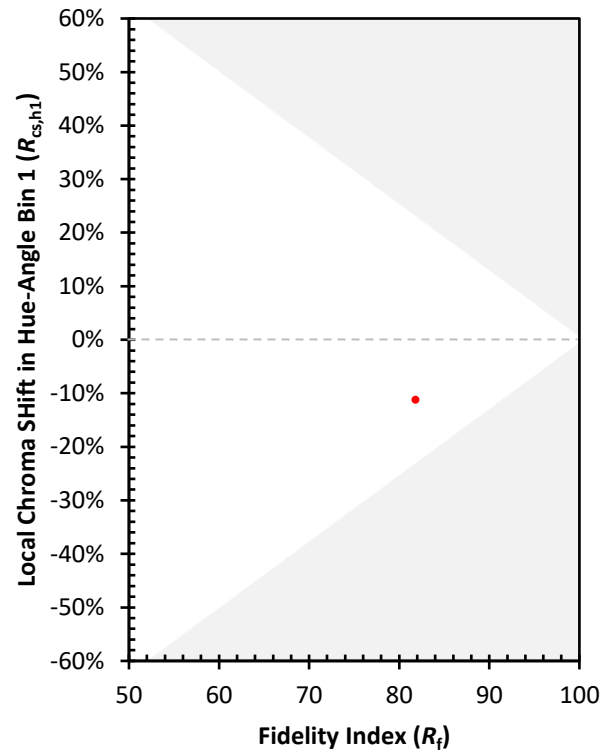
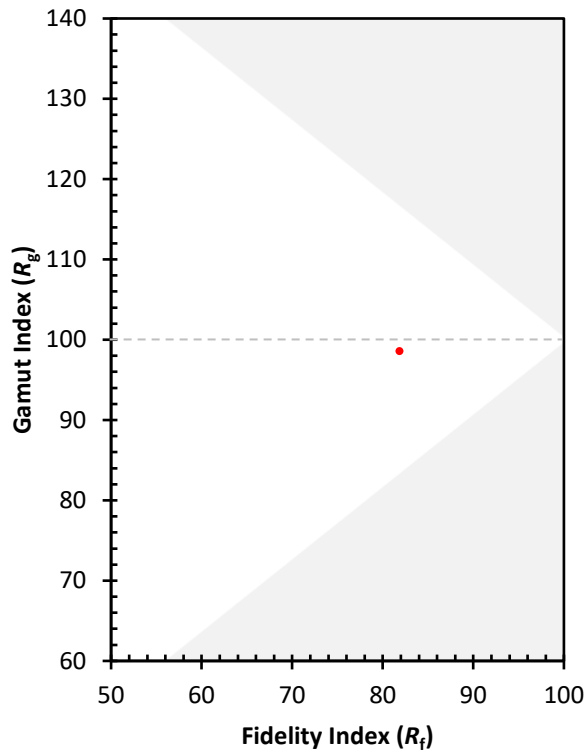
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)