

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: P1048598

Luminaire Tested: **GALN-SA1B-840-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048598
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-840-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4212.8 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 38.7
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

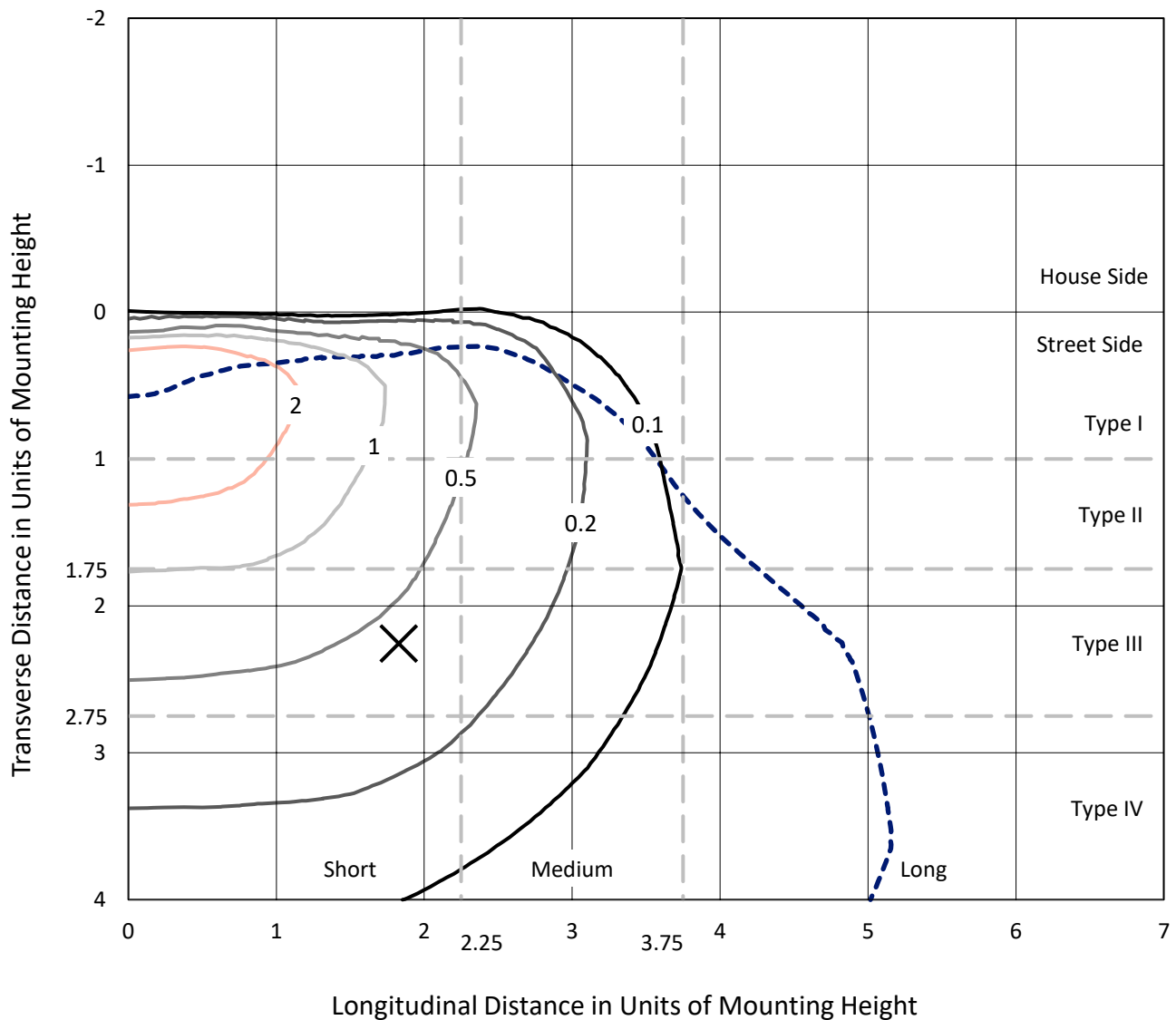


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

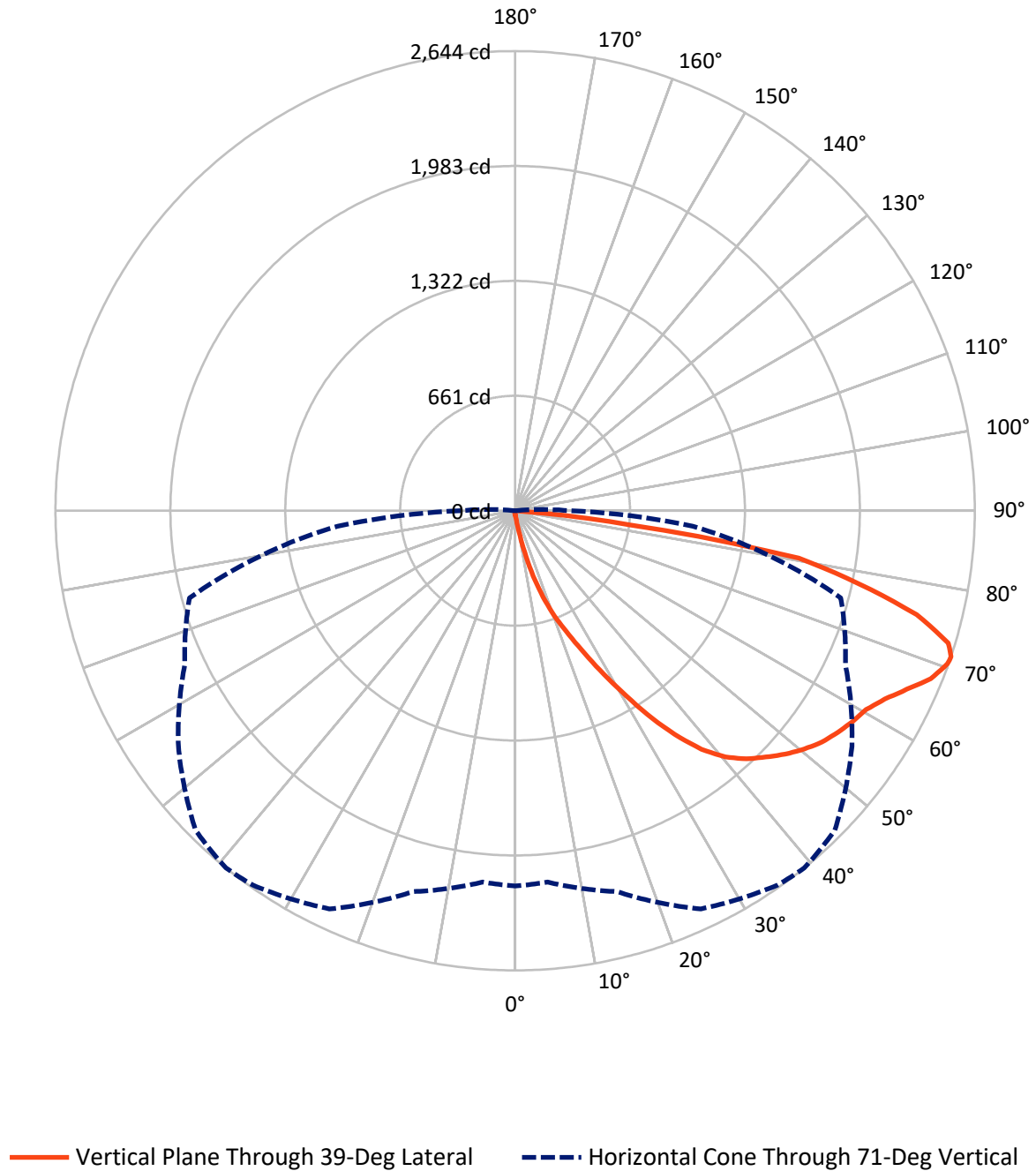


Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.0	0.0	15.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4197.8	0.0	4197.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	4212.8	0.0	4212.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	45.0	1.1
20°-30°	160.4	3.8
30°-40°	386.5	9.2
40°-50°	646.8	15.4
50°-60°	830.7	19.7
60°-70°	1051.2	25.0
70°-80°	937.2	22.2
80°-90°	151.5	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°	4212.8	100.0
0°-180°	4212.8	100.0



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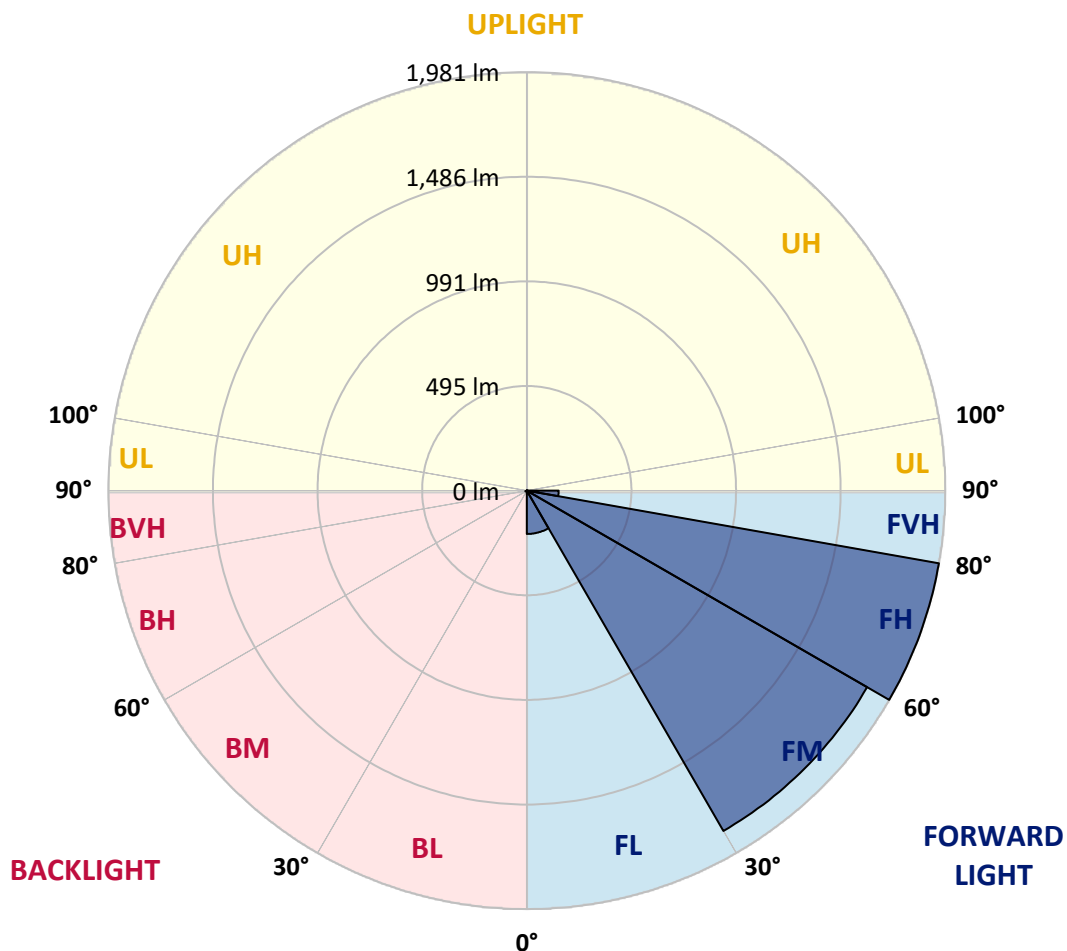
CATALOG NUMBER: GALN-SA1B-840-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	205.3	4.9			
FM	(30°-60°)	1860.5	44.2			
FH	(60°-80°)	1981.3	47.0			G2/5000
FVH	(80°-90°)	150.8	3.6			G2/225
BL	(0°-30°)	3.6	0.1	B0/110		
BM	(30°-60°)	3.5	0.1	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2.5°	26.5	26.5	26.5	25.7	25.7	25.4	25.1	25.1	24.5	24.2	23.7
5°	40.2	39.4	37.4	36.2	33.9	32.5	31.1	29.1	27.1	25.7	24.0
7.5°	91.0	93.0	86.4	74.1	61.6	56.2	47.1	37.9	31.4	27.1	24.2
10°	231.9	230.7	208.5	183.9	142.0	125.2	98.1	61.9	40.5	29.7	24.5
12.5°	394.4	393.3	367.0	333.7	278.3	243.3	191.9	115.5	58.2	33.7	24.5
15°	531.0	526.4	518.2	485.1	420.4	391.0	323.1	204.2	94.1	40.5	25.1
17.5°	621.4	617.4	609.7	597.7	556.7	521.9	467.4	320.8	152.3	52.5	26.2
20°	704.4	701.6	695.3	693.0	666.5	647.9	602.9	454.9	237.3	71.3	27.9
22.5°	818.5	812.5	815.1	801.4	775.4	753.2	725.5	595.2	341.1	102.7	31.1
25°	958.2	955.4	948.2	938.5	902.6	883.2	840.7	727.5	457.1	143.7	34.5
27.5°	1127.0	1123.9	1122.2	1100.0	1058.6	1037.5	978.2	852.4	587.8	201.3	39.1
30°	1321.5	1323.0	1311.8	1283.3	1235.1	1205.5	1144.4	983.3	721.5	268.9	43.9
32.5°	1522.9	1520.0	1502.9	1469.3	1426.2	1398.5	1321.0	1126.8	861.8	358.2	49.6
35°	1739.9	1734.5	1689.4	1650.9	1614.1	1579.3	1508.6	1293.3	1002.1	458.3	57.3
37.5°	1958.9	1933.5	1843.1	1794.4	1769.0	1740.5	1674.6	1471.0	1141.6	570.1	66.7
40°	2124.3	2104.7	1997.4	1907.6	1887.3	1863.1	1814.1	1624.4	1289.9	690.1	78.1
42.5°	2215.9	2205.0	2108.6	2020.0	1972.3	1950.9	1909.0	1758.4	1436.5	822.8	94.7
45°	2254.9	2238.1	2173.7	2132.3	2056.5	2021.1	1971.2	1859.7	1589.6	973.3	117.8
47.5°	2243.0	2233.3	2187.1	2202.2	2147.1	2092.1	2018.8	1937.3	1720.5	1146.2	149.4
50°	2167.7	2159.4	2145.1	2227.0	2220.2	2155.1	2080.4	1998.6	1827.5	1324.4	198.5
52.5°	2024.5	2021.1	2057.6	2207.6	2261.5	2210.7	2139.7	2052.7	1927.3	1510.6	268.6
55°	1840.0	1854.0	1958.4	2177.4	2282.6	2251.8	2192.2	2103.5	2007.4	1677.2	372.2
57.5°	1764.1	1767.9	1898.2	2156.0	2292.0	2288.0	2243.3	2152.0	2081.0	1810.3	530.2
60°	1852.8	1847.1	1915.9	2172.2	2310.8	2320.5	2288.6	2197.1	2144.9	1924.7	740.6
62.5°	2013.1	2010.0	2031.9	2241.5	2365.9	2385.6	2351.6	2229.6	2201.3	2000.0	980.7
65°	2156.3	2149.7	2190.5	2364.5	2462.6	2476.5	2446.9	2285.2	2226.1	2054.7	1206.3
67.5°	2218.2	2216.7	2282.3	2481.4	2564.1	2579.2	2553.2	2361.9	2220.4	2072.1	1305.9
70°	2189.9	2184.5	2289.5	2531.0	2621.4	2638.5	2613.4	2390.4	2158.6	2017.1	1158.4
71°	2158.8	2144.3	2268.1	2527.6	2629.4	2643.9	2600.0	2364.5	2096.4	1939.0	1024.7
72.5°	2062.4	2065.0	2209.3	2491.9	2610.3	2606.0	2524.2	2271.5	2021.4	1761.6	823.0
75°	1825.2	1840.3	2019.1	2342.2	2439.7	2385.3	2260.1	2093.8	1870.8	1263.1	571.5
77.5°	1491.5	1514.0	1710.5	2054.2	2026.5	2021.1	2016.0	1844.9	1597.6	678.5	397.5
80°	712.1	760.9	1031.8	1466.4	1593.0	1654.3	1615.8	1486.7	1235.4	323.1	237.6
82.5°	46.5	45.9	65.0	123.2	519.3	671.3	1066.6	1062.6	861.3	157.4	97.0
85°	22.0	22.5	24.8	28.2	32.8	35.9	49.6	290.9	412.1	75.0	21.1
87.5°	12.8	13.1	15.4	19.7	25.7	28.5	33.9	43.6	53.6	41.4	4.6
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-SA1B-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2.5°	23.4	23.1	22.2	21.4	20.5	20.0	19.7	20.0	20.0	20.2	20.2
5°	23.4	22.5	21.1	19.4	18.3	17.1	16.5	16.3	16.5	16.5	16.5
7.5°	23.1	21.7	19.7	17.7	16.3	14.8	14.3	14.0	14.0	14.3	14.3
10°	22.5	21.1	18.5	16.3	14.5	12.8	12.0	11.1	11.1	11.1	11.4
12.5°	22.2	20.2	17.1	14.8	12.5	10.6	8.8	8.0	8.3	8.3	8.3
15°	21.7	19.4	16.3	13.4	10.6	8.0	6.6	5.7	6.0	6.3	6.0
17.5°	21.7	19.1	15.1	11.7	8.3	6.0	4.8	4.3	4.3	4.6	4.6
20°	21.7	18.5	14.3	10.0	6.3	4.6	3.4	3.1	3.1	3.7	4.0
22.5°	22.2	18.5	13.1	8.3	5.1	3.4	2.6	2.3	2.6	3.1	3.4
25°	23.1	18.3	12.0	7.4	4.3	2.6	2.0	1.4	1.7	2.3	2.6
27.5°	24.0	18.0	10.8	6.6	3.4	2.0	1.4	1.1	0.9	1.1	1.1
30°	24.8	18.0	9.7	5.4	2.9	1.4	0.9	0.6	0.3	0.0	0.0
32.5°	25.4	17.4	8.8	4.3	2.3	1.1	0.6	0.3	0.0	0.0	0.0
35°	26.0	16.8	7.7	3.4	1.7	0.9	0.3	0.0	0.0	0.0	0.0
37.5°	26.5	16.0	6.6	2.9	1.4	0.6	0.0	0.0	0.0	0.0	0.0
40°	27.1	14.8	5.4	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.7	14.0	4.6	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.1	13.4	3.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	31.7	12.8	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	35.4	12.3	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	40.5	12.0	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	49.6	11.7	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	65.3	11.4	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	100.1	10.8	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	178.8	10.6	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	311.7	10.8	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	446.9	11.4	2.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	382.4	10.0	2.0	1.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0
71°	311.7	8.8	2.0	1.1	0.6	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	200.5	6.8	1.7	1.1	0.6	0.6	0.3	0.0	0.0	0.0	0.0
75°	84.7	5.7	1.7	1.1	0.9	0.6	0.6	0.3	0.0	0.0	0.0
77.5°	36.2	4.3	1.7	1.4	1.1	0.9	0.9	0.6	0.3	0.0	0.0
80°	13.7	3.4	2.0	1.7	1.4	1.4	1.1	0.6	0.3	0.0	0.0
82.5°	6.3	2.9	2.0	1.7	1.7	1.4	1.1	0.9	0.6	0.0	0.0
85°	4.0	2.6	2.0	1.7	1.7	1.4	1.4	0.9	0.6	0.0	0.0
87.5°	3.1	2.6	2.0	2.0	1.7	1.7	1.1	0.9	0.3	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

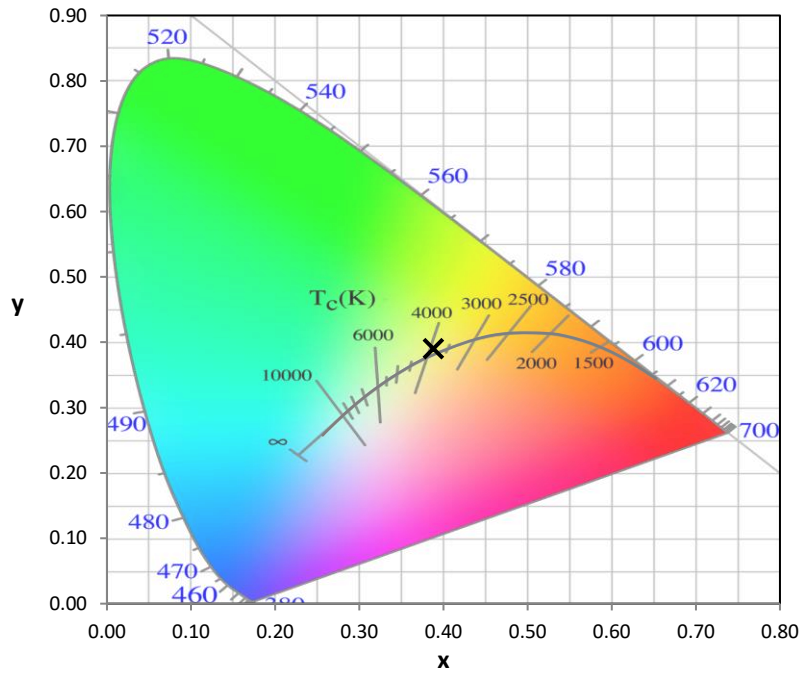
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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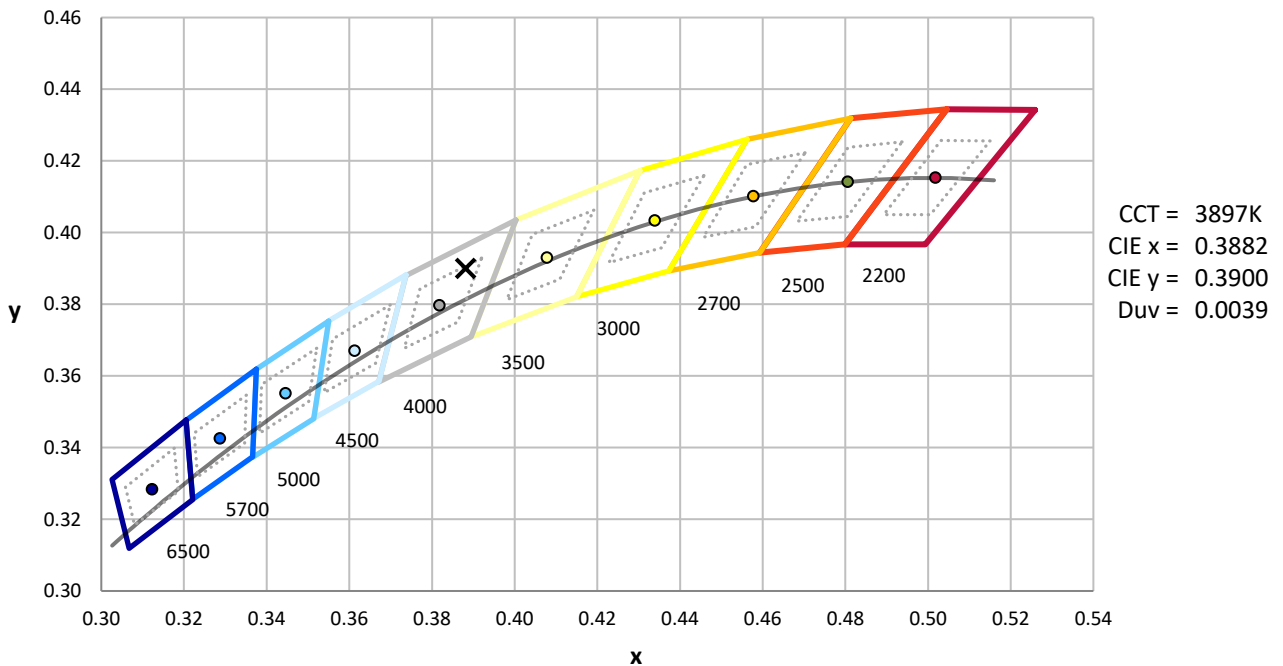
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

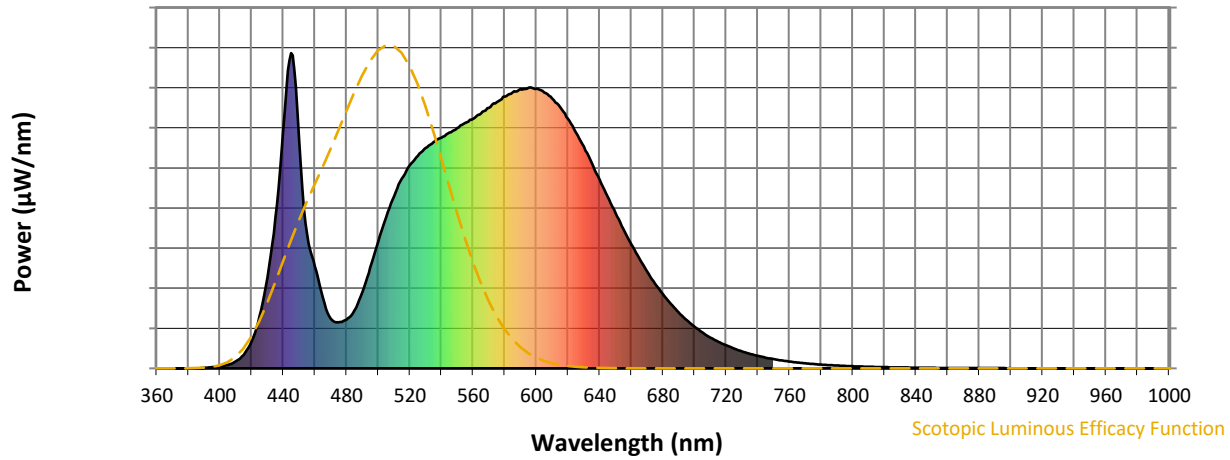


Photopic Lumens: NR

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	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			

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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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

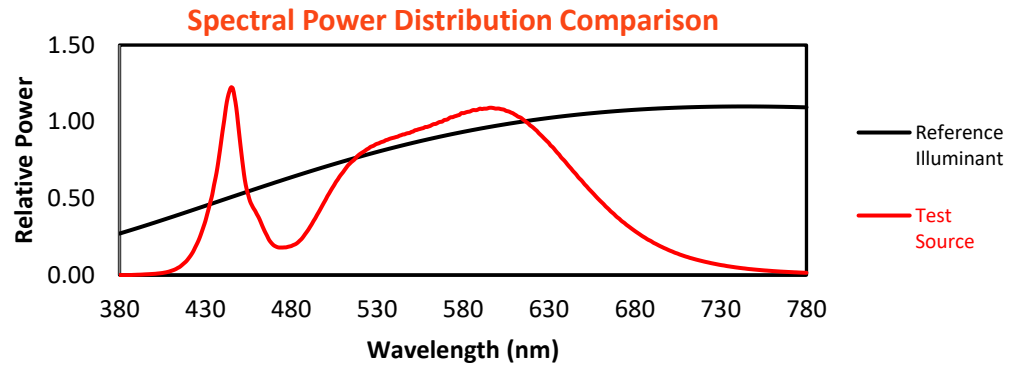
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	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

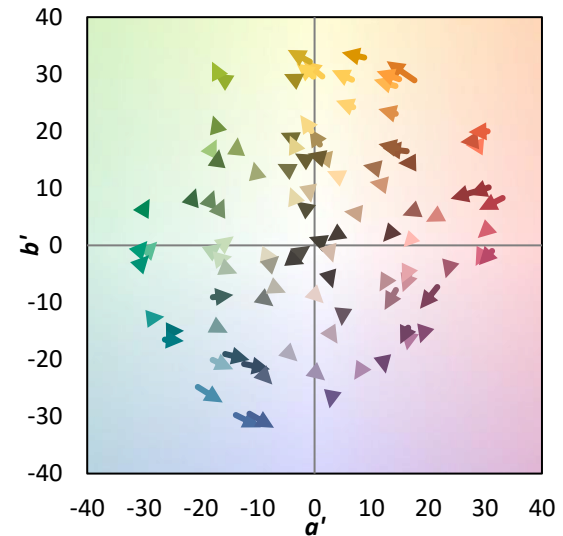
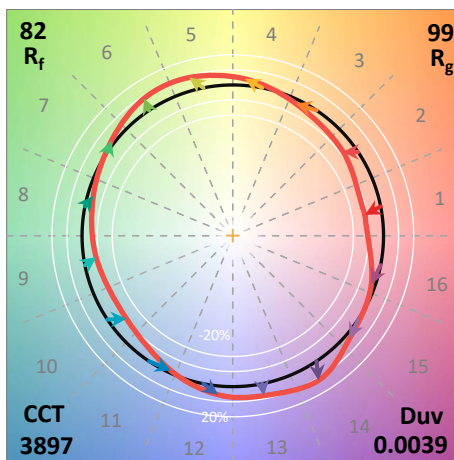
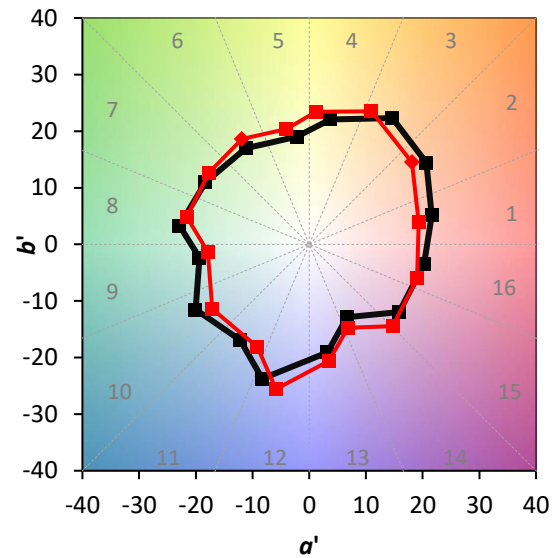
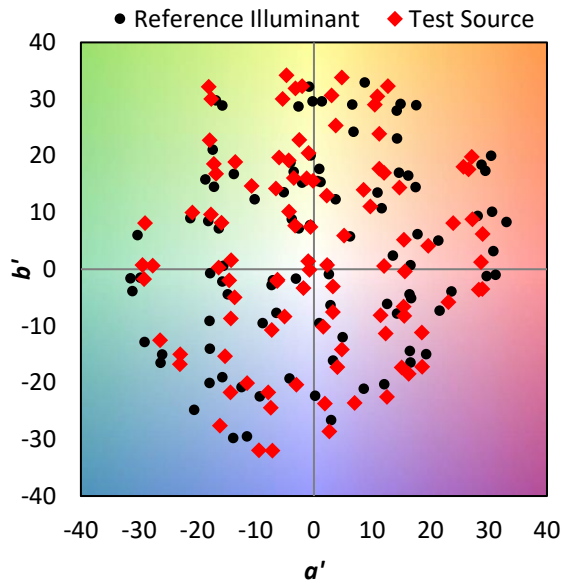
TM-30-18

Summary

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

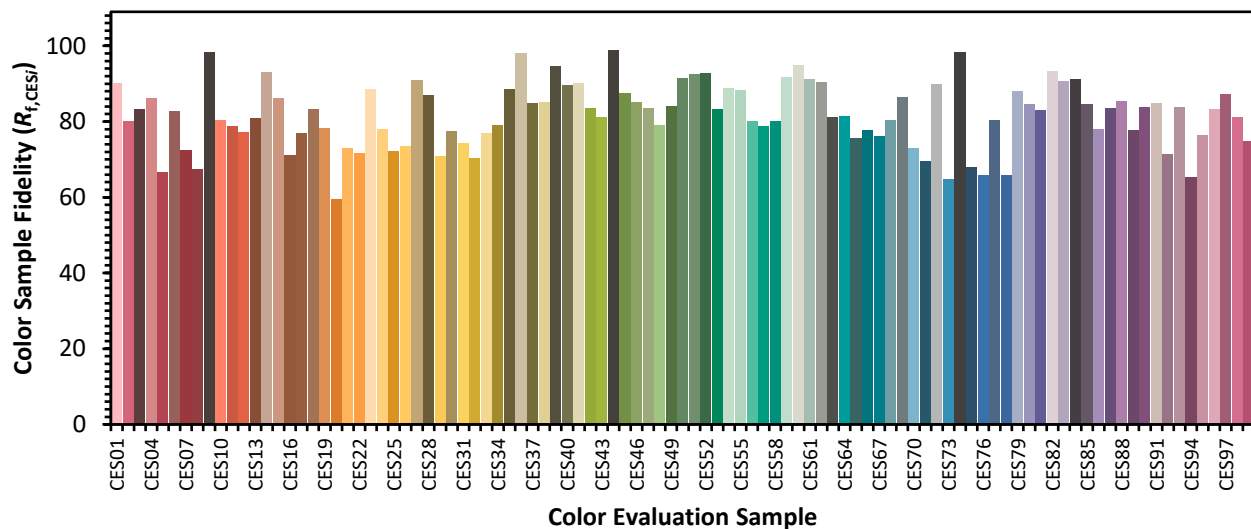


Color Vector Graphics

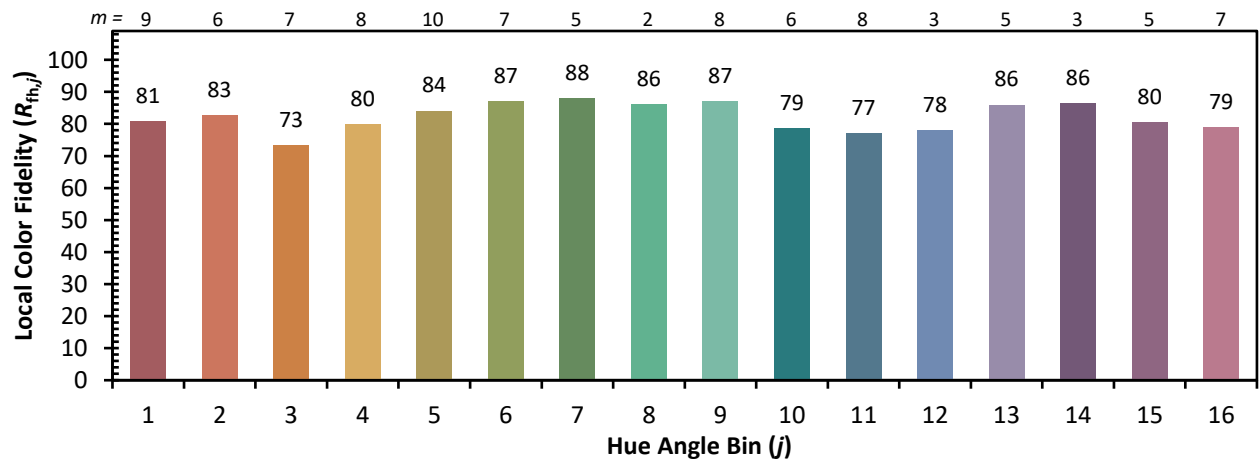
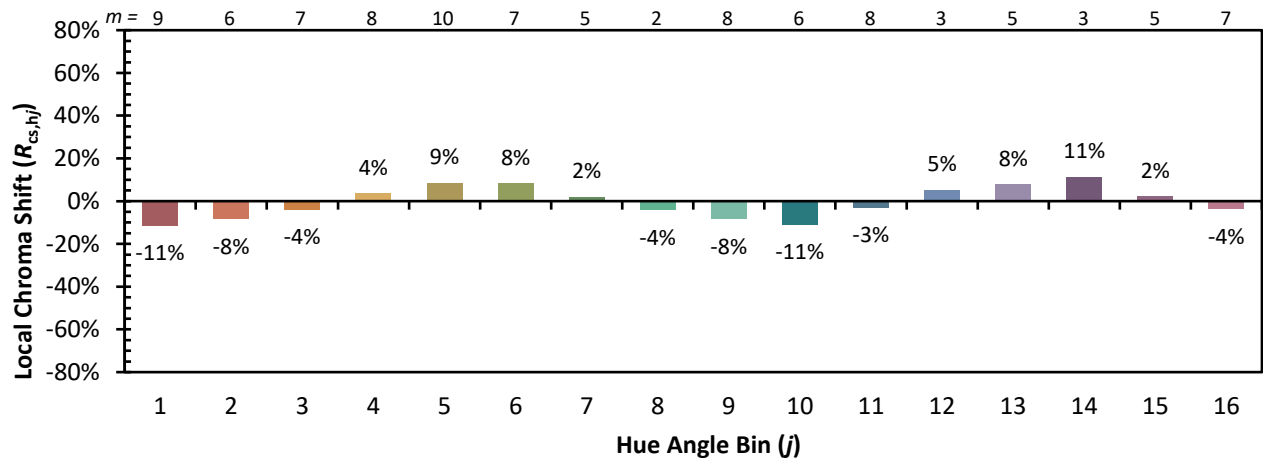


Individual Sample Fidelity Index ($R_{f,i}$)

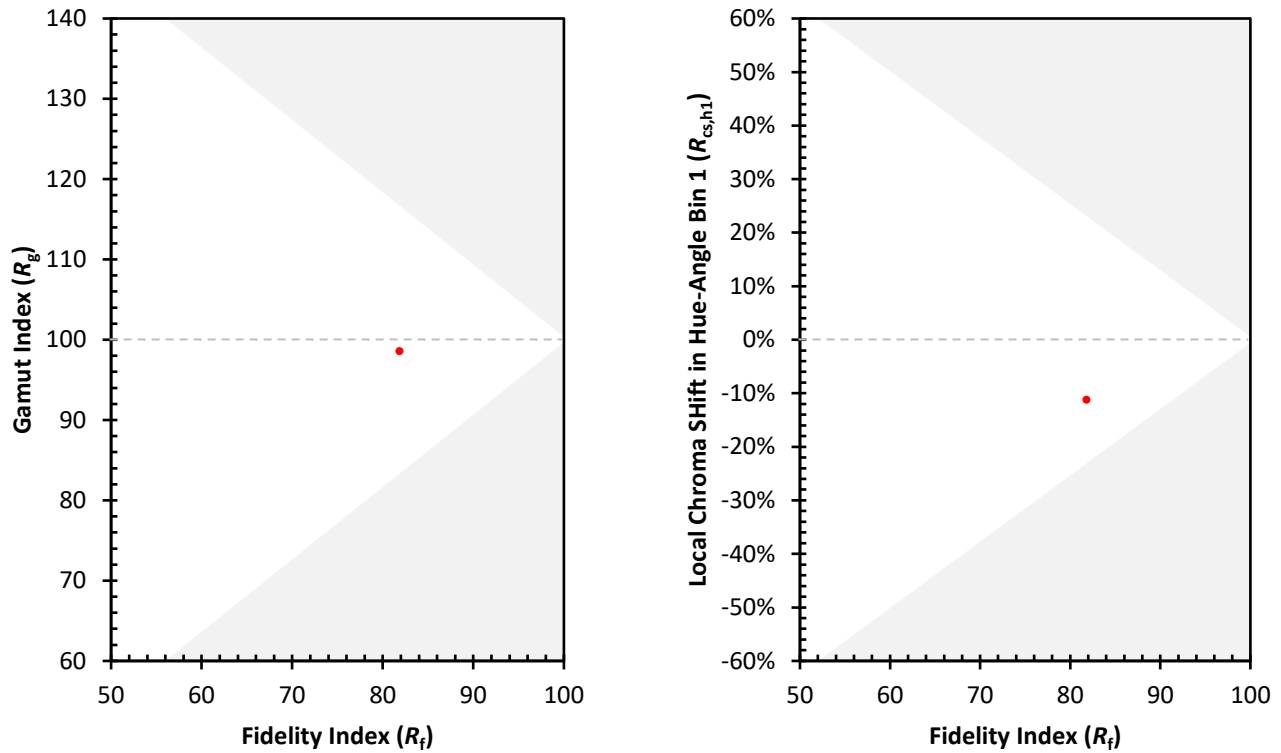
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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)