

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: P1047373

Luminaire Tested: **GALN-SA1A-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047373
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3485.2 lumens
Efficiency: N/A
Efficacy: 120.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

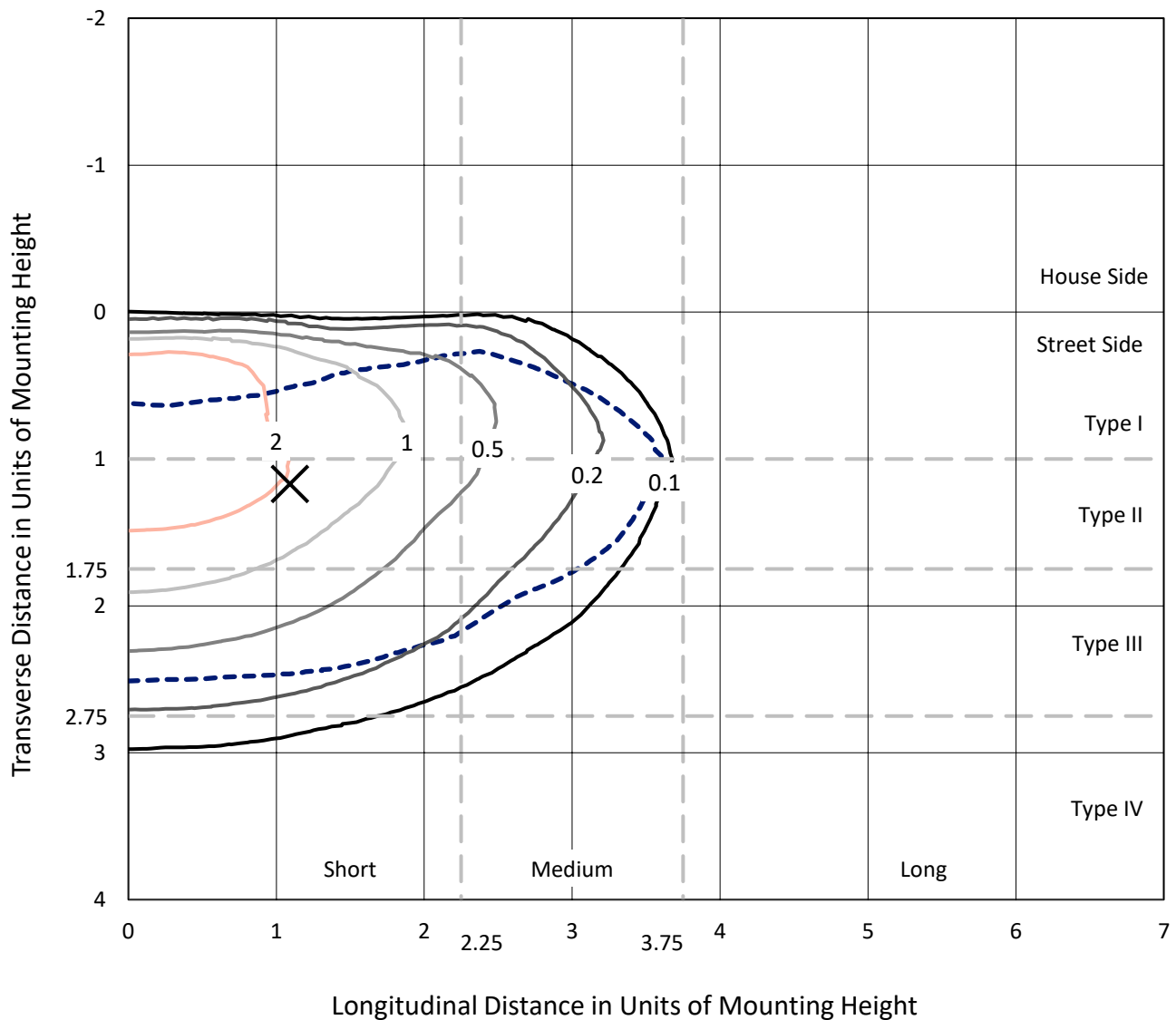


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

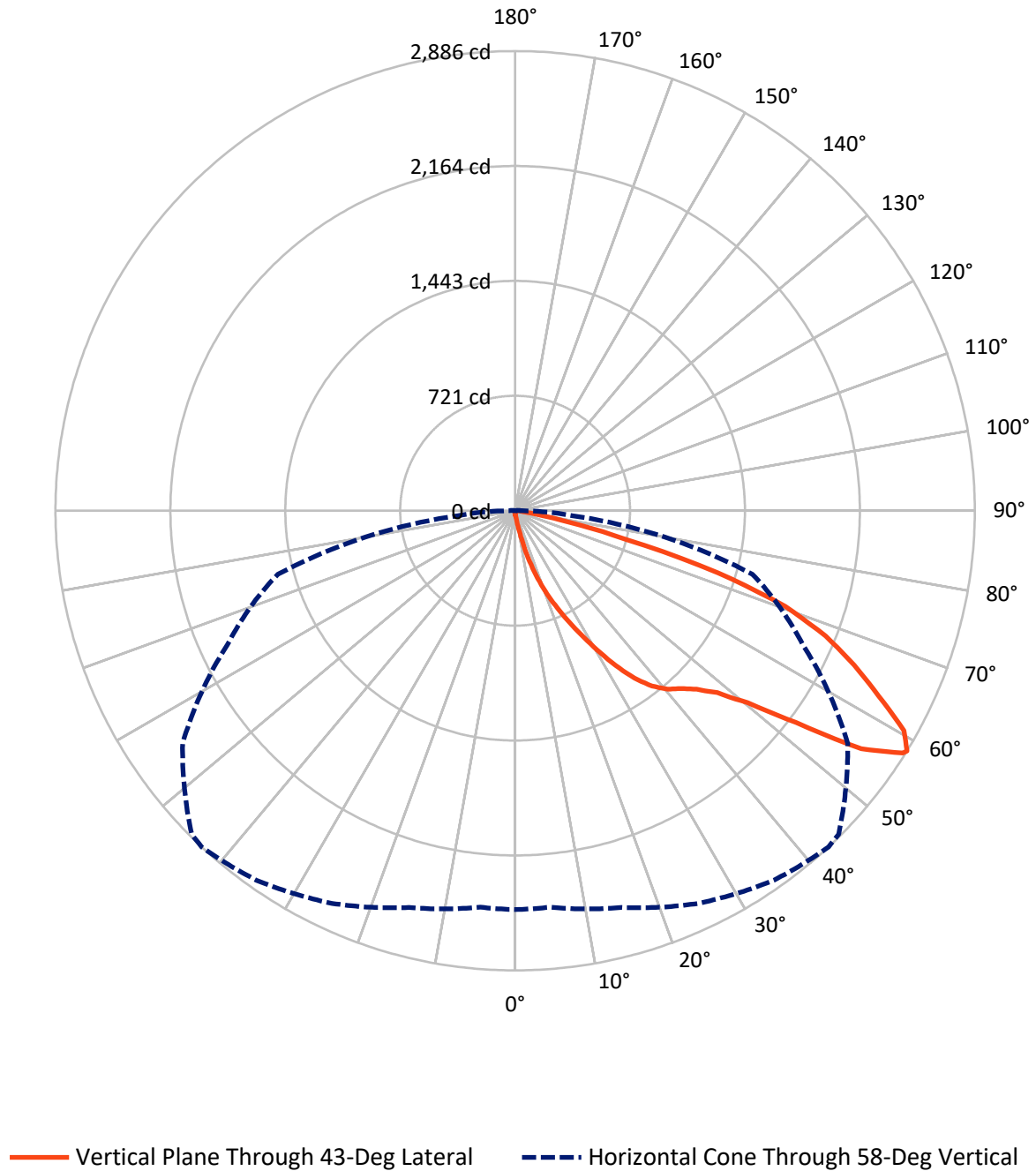


Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA1A-840-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.7	0.0	12.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3472.5	0.0	3472.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	3485.2	0.0	3485.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	40.1	1.1
20°-30°	144.4	4.1
30°-40°	330.4	9.5
40°-50°	557.2	16.0
50°-60°	919.5	26.4
60°-70°	1027.7	29.5
70°-80°	424.3	12.2
80°-90°	38.2	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°	3485.2	100.0
0°-180°	3485.2	100.0



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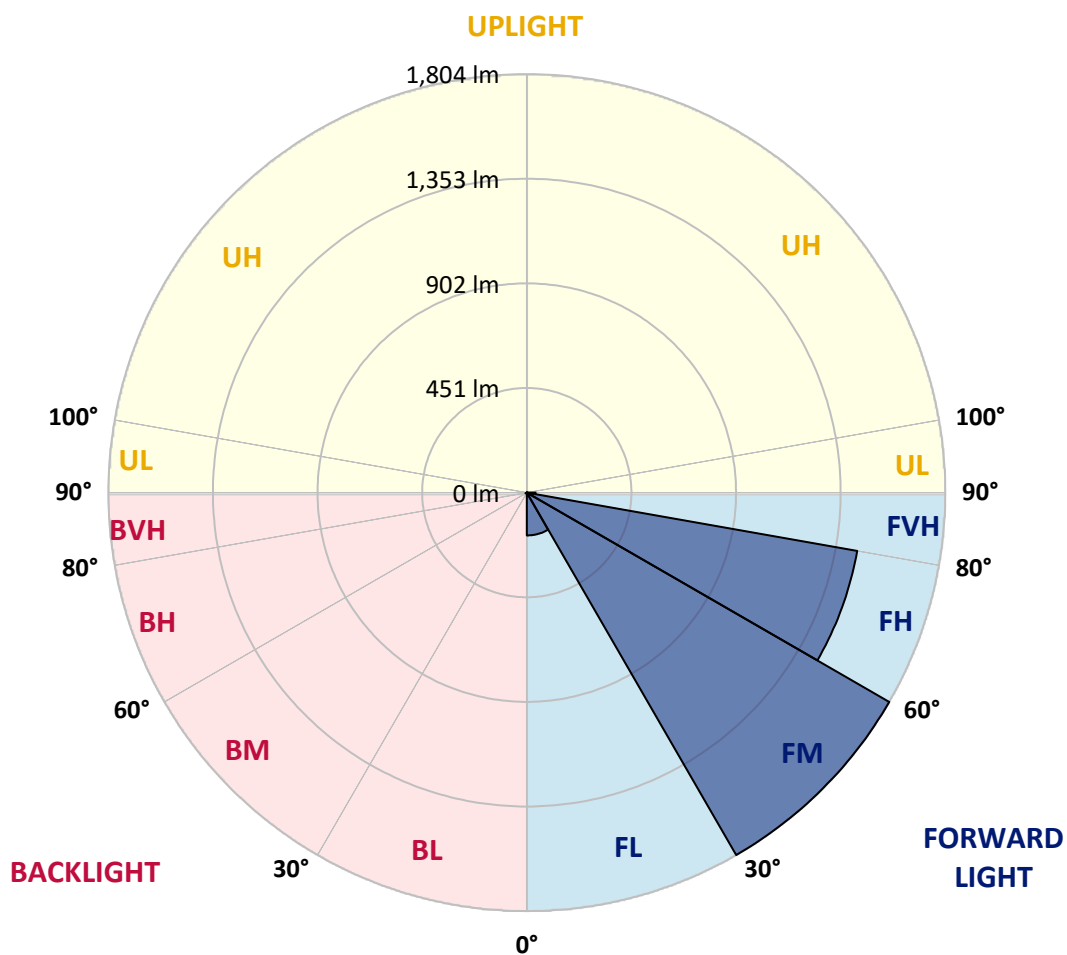
CATALOG NUMBER: GALN-SA1A-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	184.5	5.3			
FM	(30°-60°)	1804.1	51.8			
FH	(60°-80°)	1446.2	41.5			G1/1800
FVH	(80°-90°)	37.7	1.1			G1/100
BL	(0°-30°)	3.3	0.1	B0/110		
BM	(30°-60°)	3.0	0.1	B0/220		
BH	(60°-80°)	5.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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 III Short



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CATALOG NUMBER: GALN-SA1A-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
2.5°	27.3	28.3	27.3	27.3	27.3	26.4	26.4	25.5	25.5	24.6	23.7
5°	40.1	40.1	37.4	35.5	33.7	32.8	31.9	30.1	28.3	26.4	24.6
7.5°	89.3	89.3	81.1	70.2	55.6	47.4	45.6	37.4	31.9	28.3	24.6
10°	213.3	213.3	195.1	165.0	127.6	94.8	84.8	53.8	38.3	30.1	25.5
12.5°	354.6	359.1	336.4	298.1	242.5	185.0	165.0	98.4	51.0	32.8	25.5
15°	481.3	470.3	464.0	427.5	374.6	306.3	280.7	165.9	73.8	37.4	25.5
17.5°	567.0	567.0	557.8	533.2	484.9	424.8	403.8	268.0	119.4	42.8	26.4
20°	667.2	667.2	650.8	633.5	590.7	539.6	519.6	381.0	185.0	54.7	26.4
22.5°	788.5	790.3	772.1	741.1	700.0	643.5	626.2	485.8	268.0	72.9	27.3
25°	936.1	938.0	911.5	882.4	819.5	758.4	731.9	606.2	369.2	102.1	27.3
27.5°	1099.3	1112.1	1072.9	1022.7	956.2	879.6	859.6	714.6	469.4	144.0	29.2
30°	1302.6	1302.6	1250.6	1180.4	1108.4	1013.6	988.1	828.6	576.1	199.6	31.0
32.5°	1477.6	1463.9	1397.4	1323.5	1247.0	1158.5	1131.2	948.0	685.5	268.9	34.6
35°	1611.6	1599.7	1517.7	1438.4	1371.8	1290.7	1257.9	1077.4	801.2	347.3	40.1
37.5°	1726.4	1721.9	1610.7	1511.3	1467.5	1396.4	1367.3	1199.6	915.2	432.1	46.5
40°	1852.2	1837.6	1719.1	1596.1	1530.4	1473.0	1446.6	1298.0	1024.5	531.4	55.6
42.5°	1959.8	1942.4	1835.8	1715.5	1603.4	1525.9	1500.4	1381.0	1131.2	630.8	67.5
45°	2079.2	2070.1	1962.5	1871.3	1721.9	1597.9	1564.2	1447.5	1228.7	749.3	82.9
47.5°	2258.7	2242.3	2142.1	2067.3	1894.1	1707.3	1659.0	1515.9	1322.6	865.9	106.6
50°	2467.5	2456.5	2397.3	2338.0	2165.8	1894.1	1836.7	1614.3	1427.4	1004.5	137.6
52.5°	2637.9	2636.1	2643.4	2644.3	2514.0	2208.6	2122.9	1772.9	1547.8	1141.2	181.4
55°	2634.3	2642.5	2722.7	2814.8	2824.8	2637.9	2555.0	2040.0	1704.5	1309.9	242.5
57.5°	2535.8	2529.5	2614.2	2752.8	2850.3	2870.4	2856.7	2454.7	1940.6	1513.1	336.4
58°	2503.9	2498.5	2578.7	2720.0	2832.1	2885.9	2872.2	2548.6	1993.5	1542.3	361.9
60°	2388.2	2389.1	2436.5	2565.0	2677.1	2804.7	2817.5	2816.6	2256.9	1737.4	490.4
62.5°	2235.0	2227.8	2271.5	2376.3	2474.8	2560.5	2582.3	2834.8	2642.5	1985.3	735.6
65°	2023.6	2012.6	2059.1	2177.6	2283.4	2339.0	2339.9	2590.5	2823.9	2251.5	1085.6
67.5°	1630.7	1621.6	1714.6	1866.8	2030.0	2102.9	2135.7	2247.8	2670.8	2431.9	1286.2
70°	999.0	1018.2	1147.6	1386.4	1665.3	1799.3	1848.6	1883.2	2274.2	2404.6	1075.6
72.5°	461.2	438.4	548.7	715.5	1033.7	1331.7	1382.8	1518.6	1803.0	2087.4	802.1
75°	215.1	206.9	232.4	312.7	468.5	719.2	812.2	1212.3	1382.8	1452.1	578.8
77.5°	110.3	111.2	132.2	142.2	193.2	332.7	381.9	797.6	1013.6	810.3	388.3
80°	48.3	50.1	51.0	55.6	78.4	128.5	144.9	370.1	692.8	412.9	212.4
82.5°	31.0	31.9	31.9	31.9	37.4	51.0	58.3	148.6	345.5	205.1	65.6
85°	16.4	16.4	18.2	22.8	26.4	31.0	32.8	47.4	113.9	61.1	15.5
87.5°	9.1	10.0	10.9	13.7	17.3	21.0	22.8	32.8	43.8	41.9	3.6
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-SA1A-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
2.5°	23.7	22.8	21.9	21.0	20.1	19.1	19.1	19.1	19.1	19.1	19.1
5°	22.8	21.9	21.0	19.1	17.3	16.4	15.5	14.6	14.6	14.6	14.6
7.5°	22.8	21.9	19.1	17.3	15.5	13.7	11.8	11.8	11.8	11.8	11.8
10°	22.8	21.0	18.2	15.5	12.8	10.9	10.0	9.1	9.1	9.1	9.1
12.5°	22.8	20.1	17.3	13.7	10.9	9.1	8.2	7.3	7.3	7.3	7.3
15°	22.8	20.1	16.4	12.8	10.0	7.3	6.4	5.5	5.5	5.5	5.5
17.5°	21.9	19.1	15.5	10.9	8.2	5.5	4.6	3.6	3.6	4.6	4.6
20°	21.0	18.2	13.7	9.1	6.4	4.6	2.7	2.7	2.7	2.7	2.7
22.5°	21.0	18.2	12.8	8.2	5.5	2.7	1.8	1.8	1.8	1.8	2.7
25°	21.0	17.3	10.9	6.4	3.6	1.8	0.9	0.9	0.9	0.9	0.9
27.5°	21.0	17.3	10.0	5.5	2.7	1.8	0.9	0.0	0.0	0.0	0.0
30°	20.1	16.4	9.1	4.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
32.5°	20.1	15.5	7.3	3.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
35°	21.0	14.6	6.4	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.9
37.5°	21.9	13.7	5.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	22.8	12.8	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	24.6	12.8	4.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	26.4	12.8	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	30.1	13.7	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	32.8	14.6	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	36.5	13.7	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	41.0	13.7	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	44.7	12.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	46.5	11.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	55.6	10.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	86.6	9.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	175.9	8.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	328.1	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	367.3	8.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	231.5	6.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	122.1	6.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	61.1	6.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	28.3	4.6	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.8	2.7	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.5	2.7	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.7	1.8	1.8	0.9	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

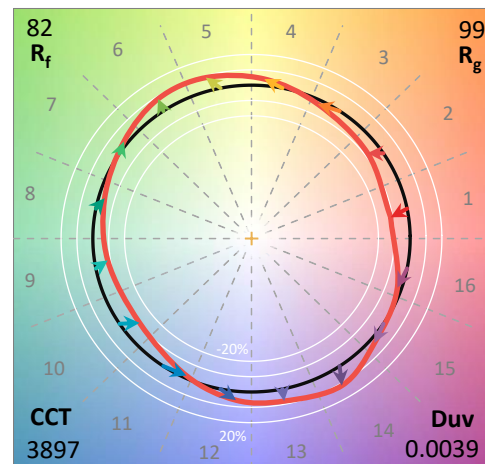
Test Information

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

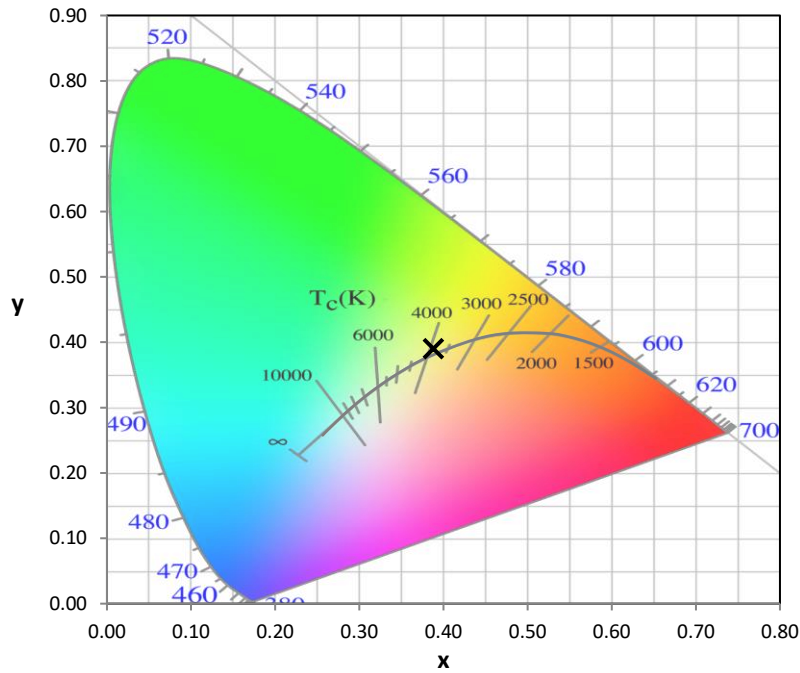
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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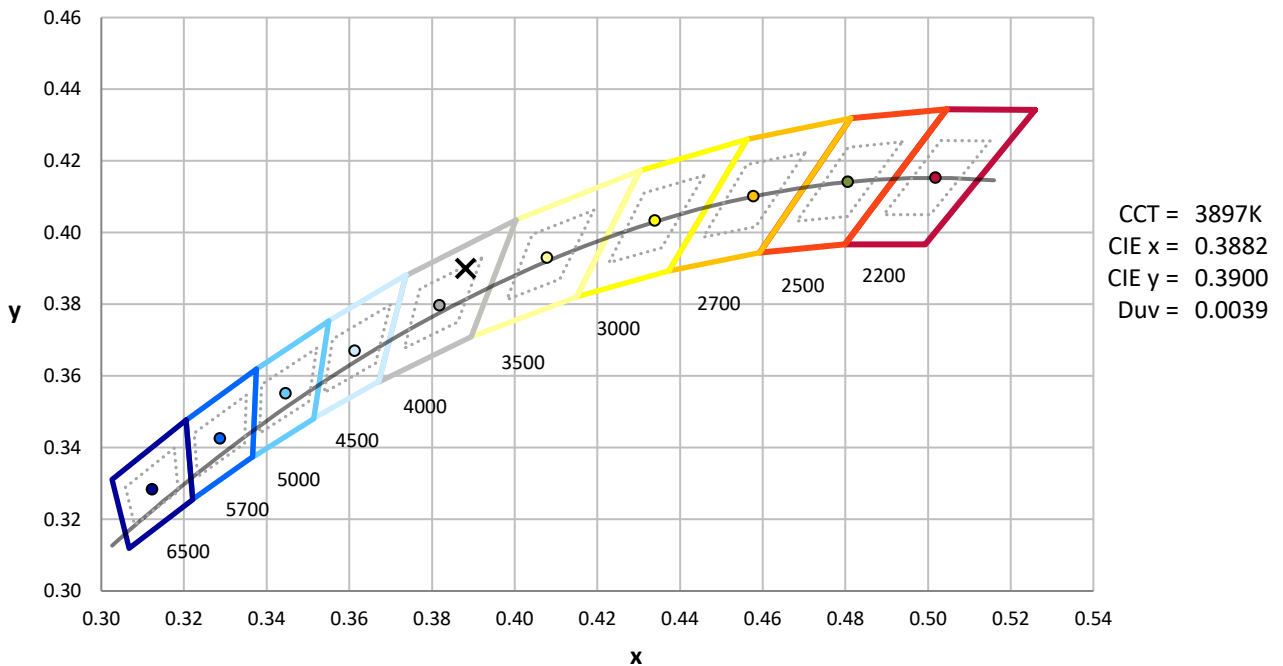
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



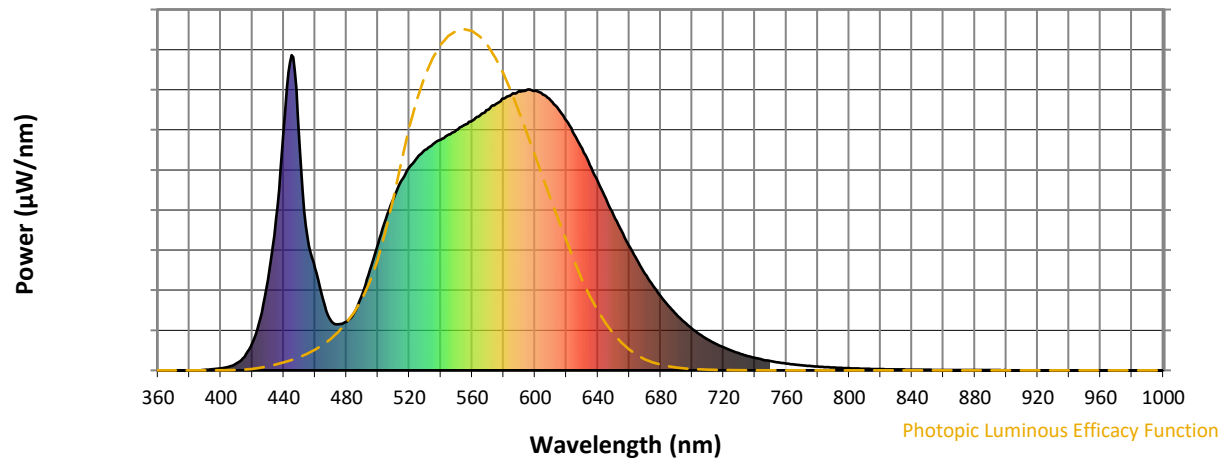
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

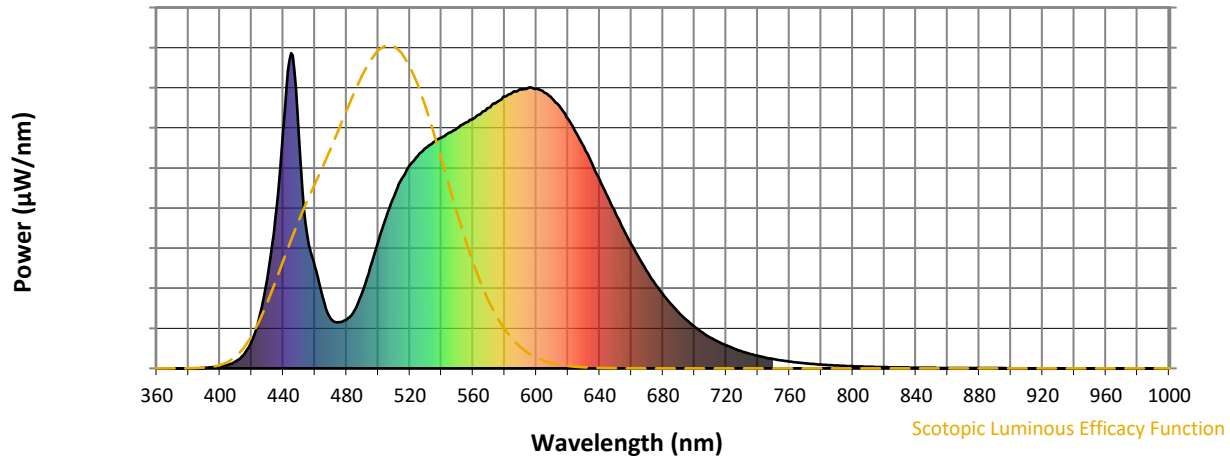


Photopic Lumens: NR

λ (nm)	Power 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

Scotopic Flux vs. Wavelength



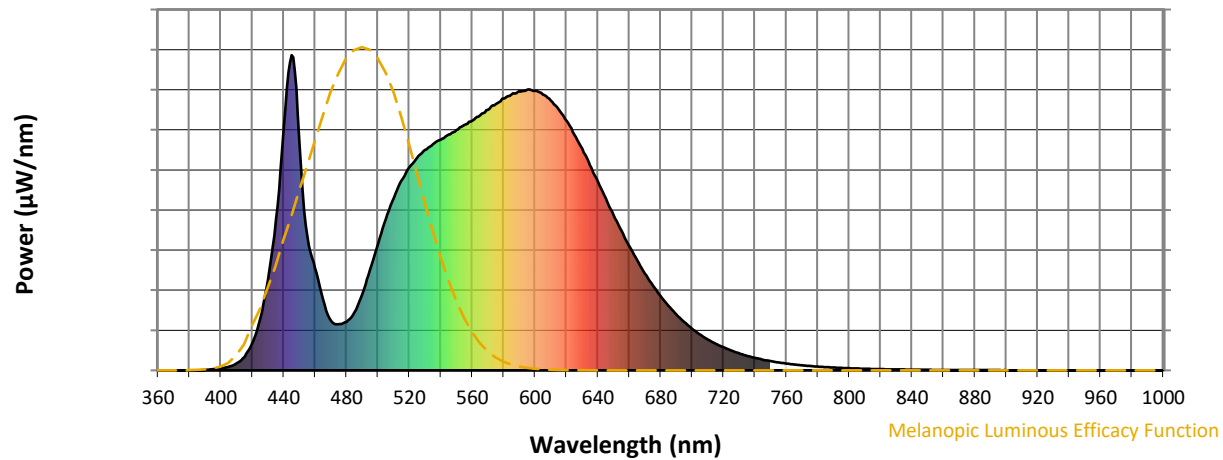
Scotopic Lumens: NR

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

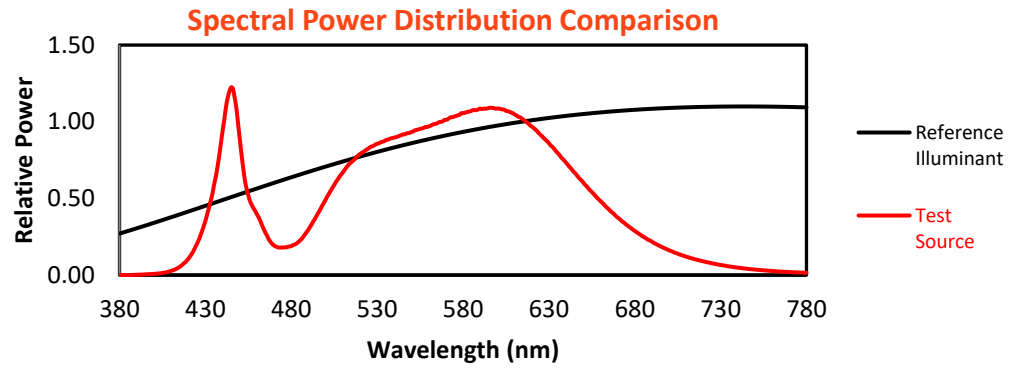
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401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

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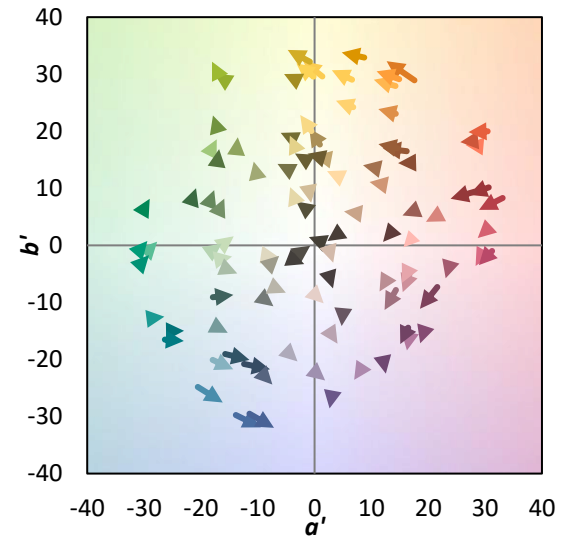
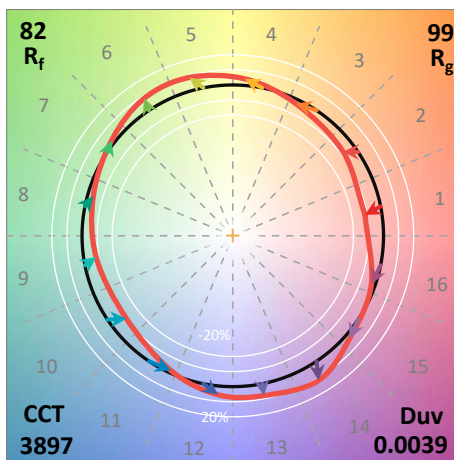
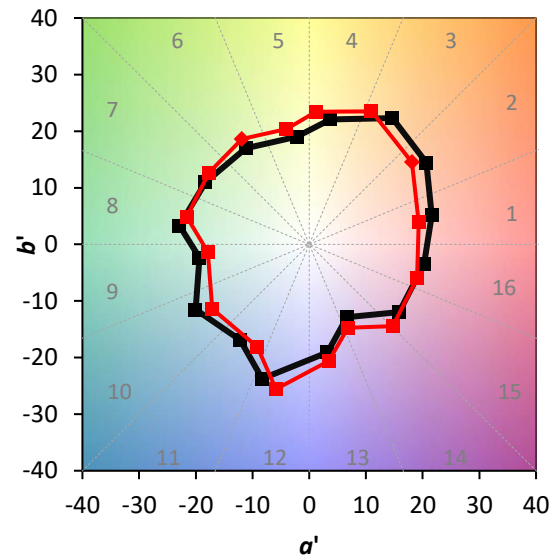
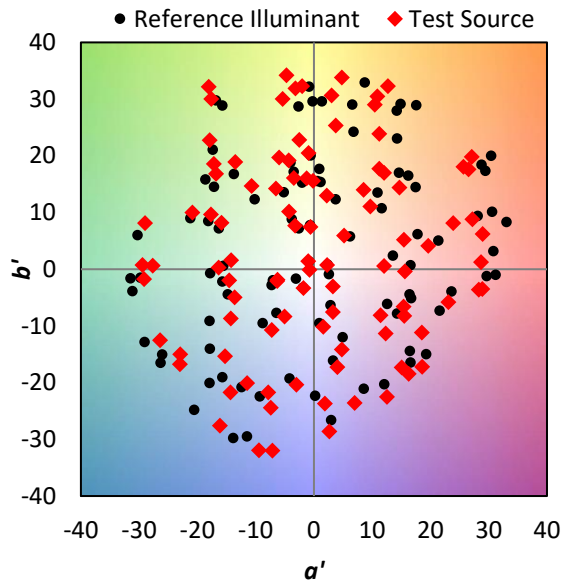
TM-30-18

Summary

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

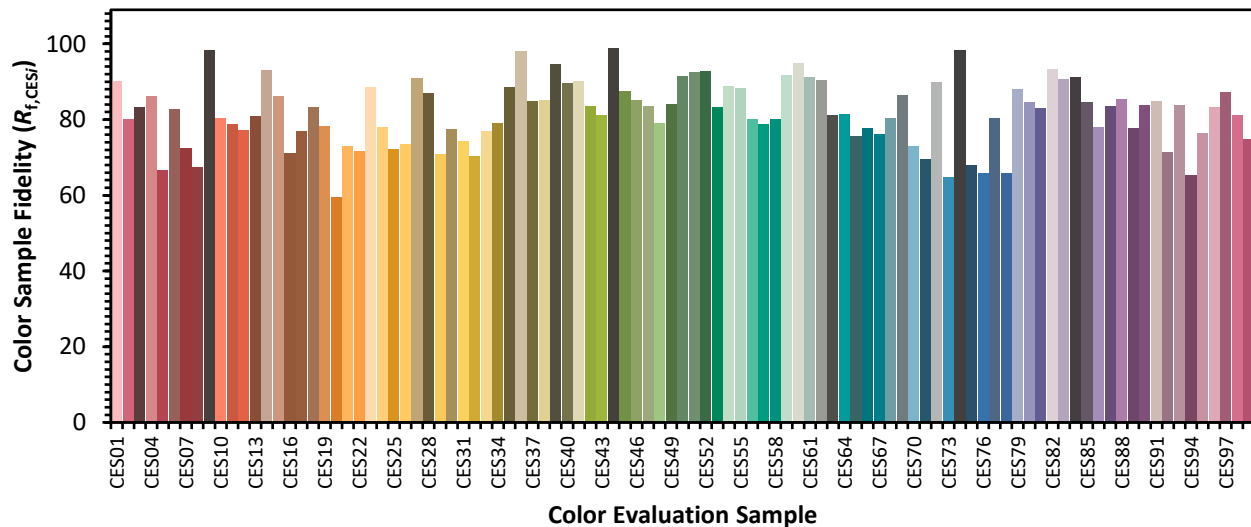


Color Vector Graphics

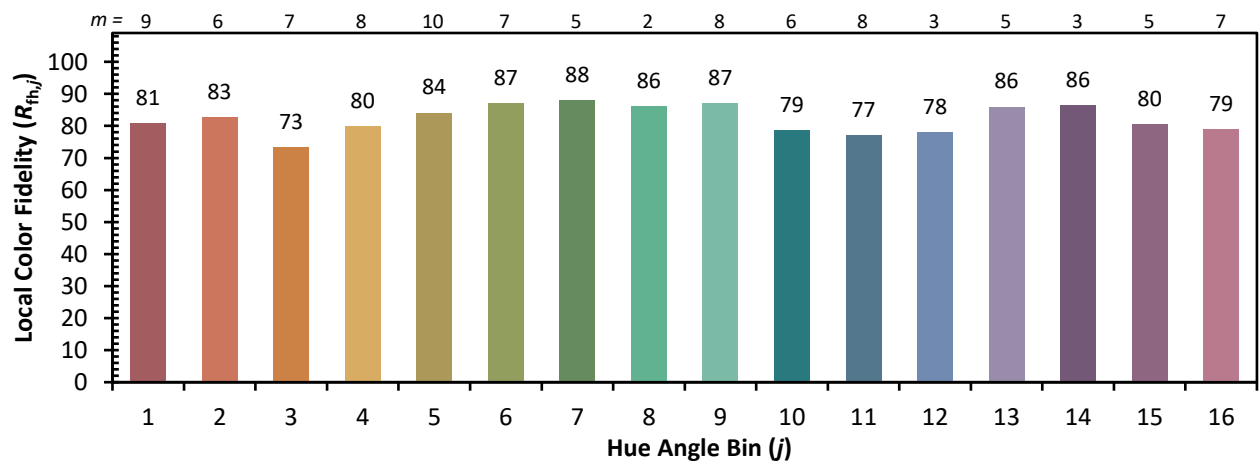
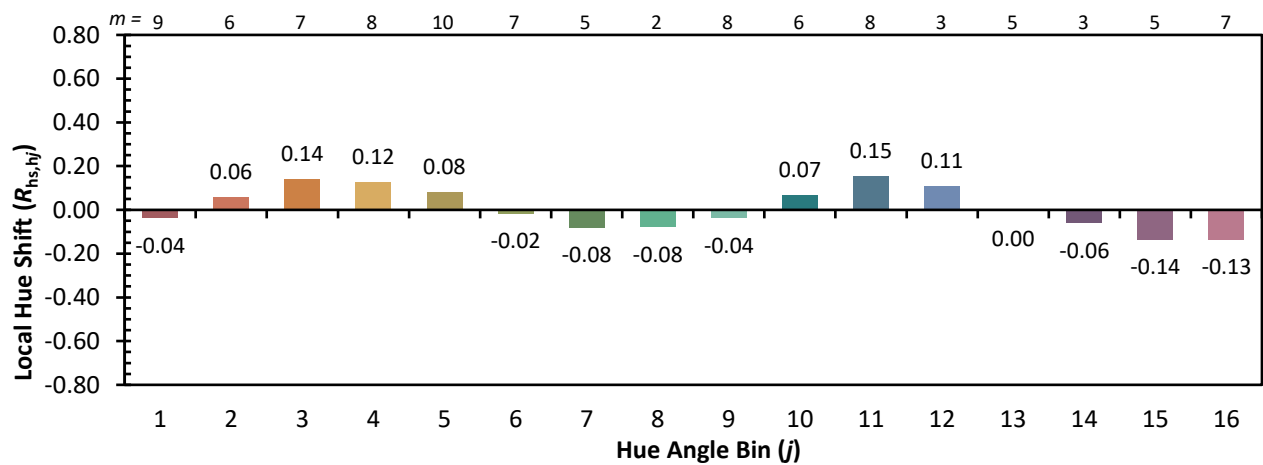
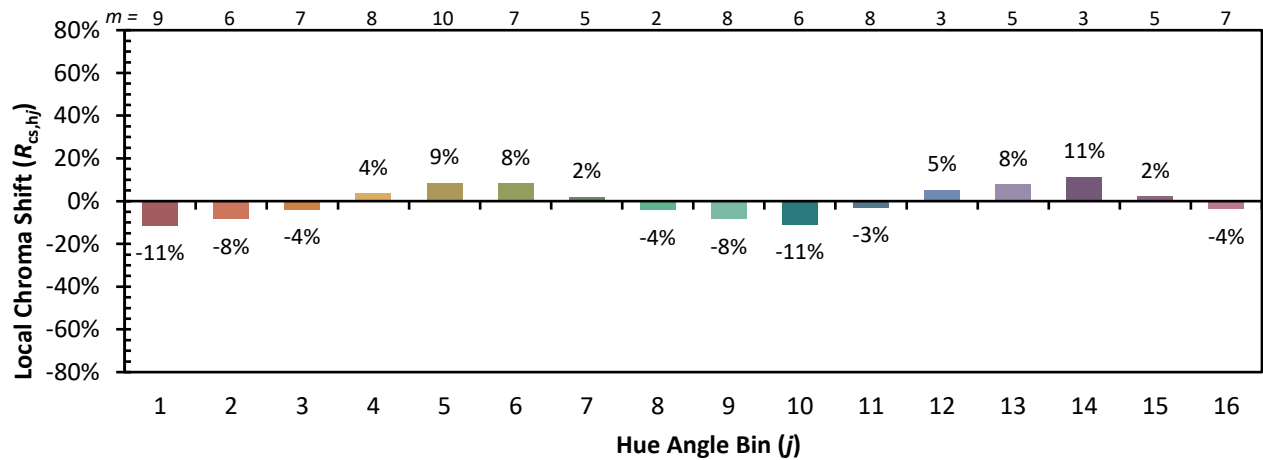


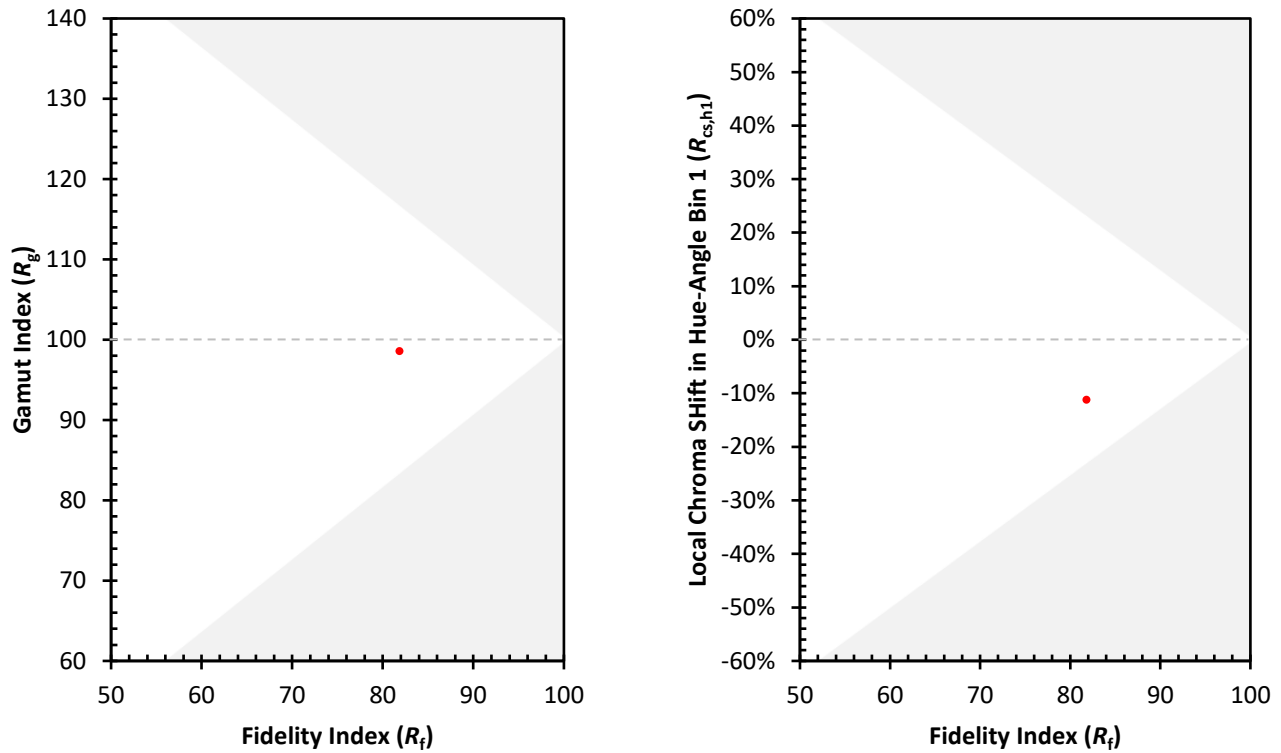
Individual Sample Fidelity Index ($R_{f,i}$)

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)