

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: P1047375

Luminaire Tested: **GALN-SA1C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047375
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 5436.5 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

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

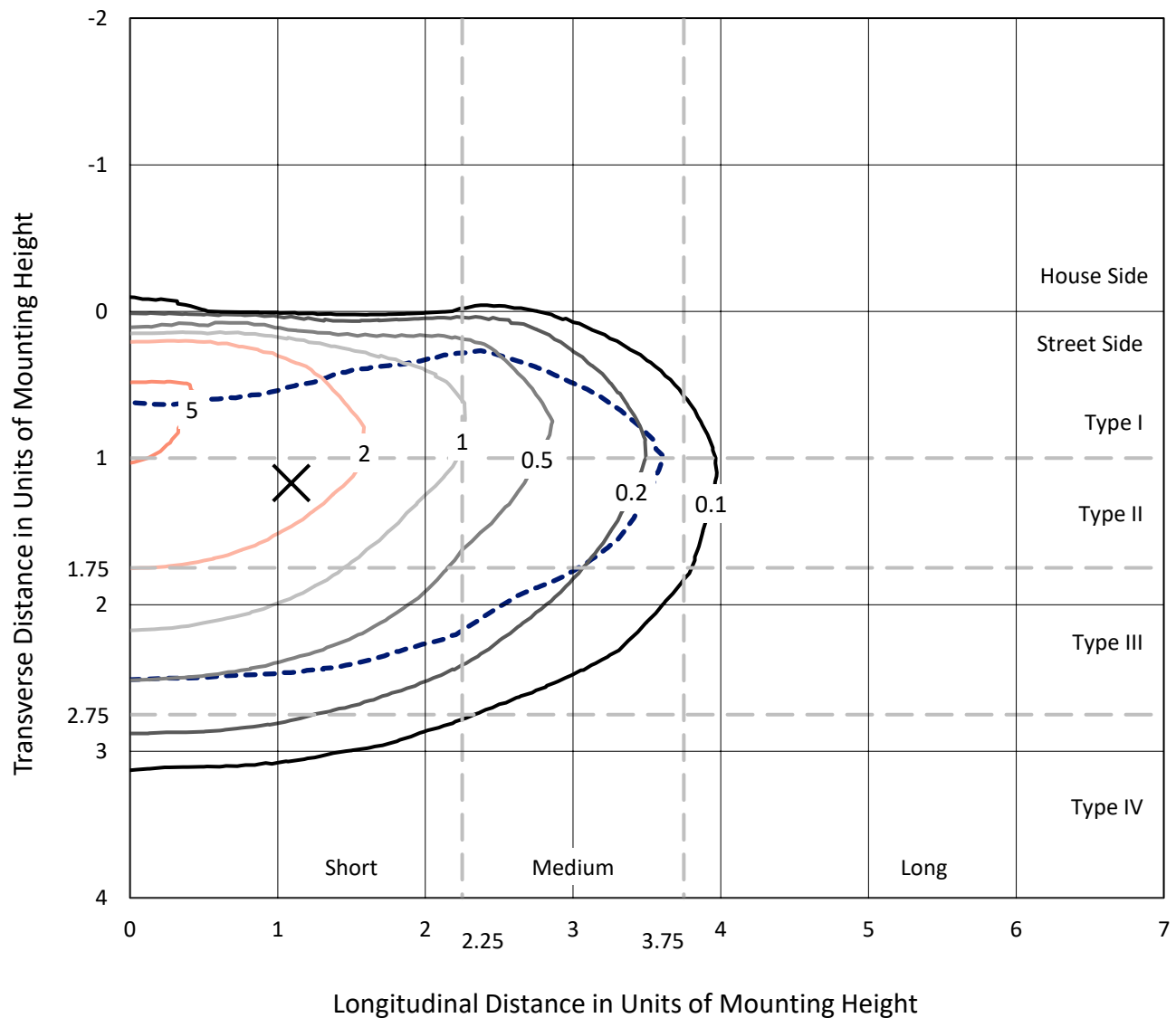


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CATALOG NUMBER: GALN-SA1C-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

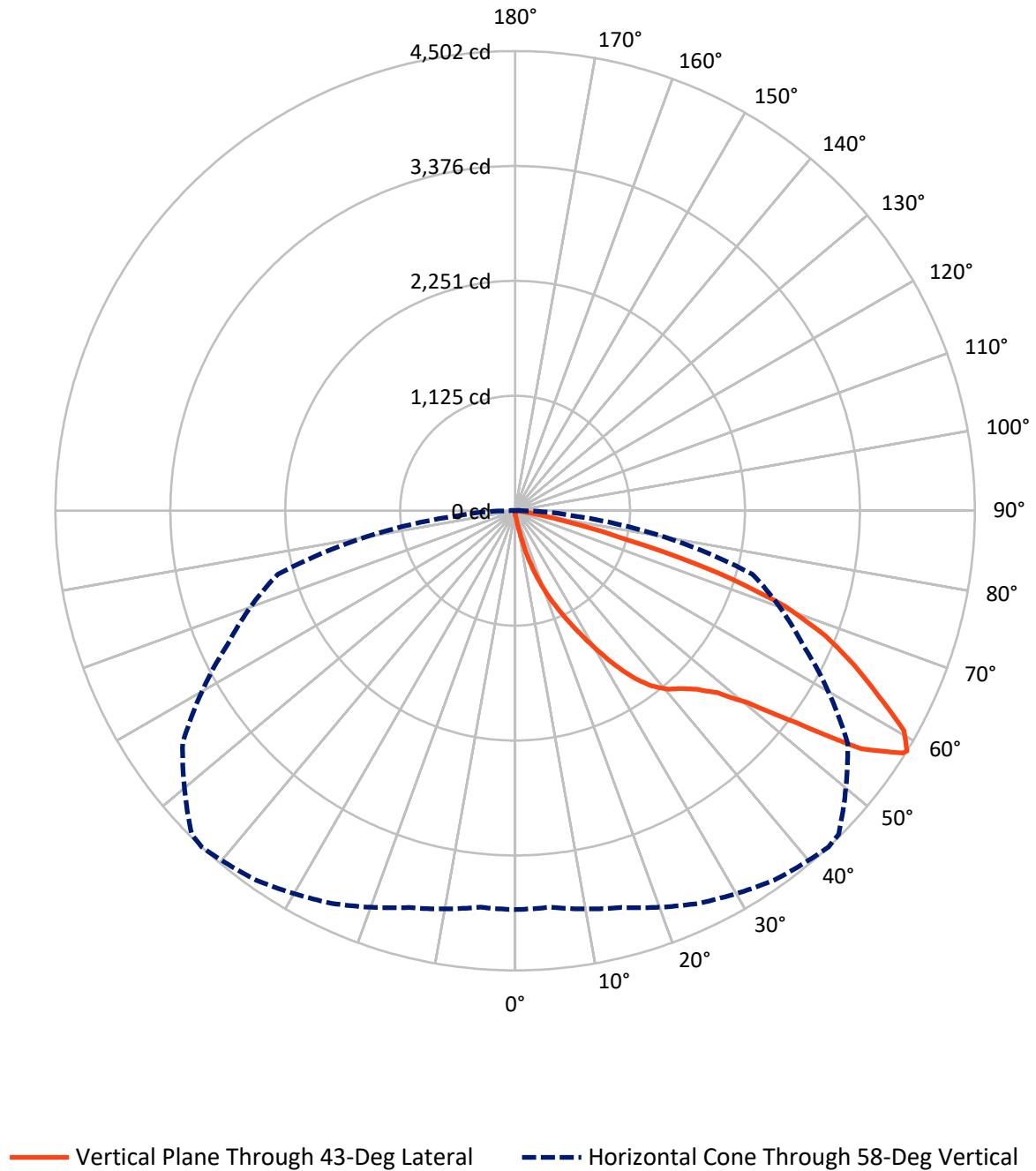


Based on 15 foot mounting height. Maximum calculated value = 6.1 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA1C-840-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.8	0.0	19.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5416.6	0.0	5416.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	5436.5	0.0	5436.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	62.5	1.1
20°-30°	225.2	4.1
30°-40°	515.3	9.5
40°-50°	869.2	16.0
50°-60°	1434.4	26.4
60°-70°	1603.1	29.5
70°-80°	661.9	12.2
80°-90°	59.7	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°	5436.5	100.0
0°-180°	5436.5	100.0



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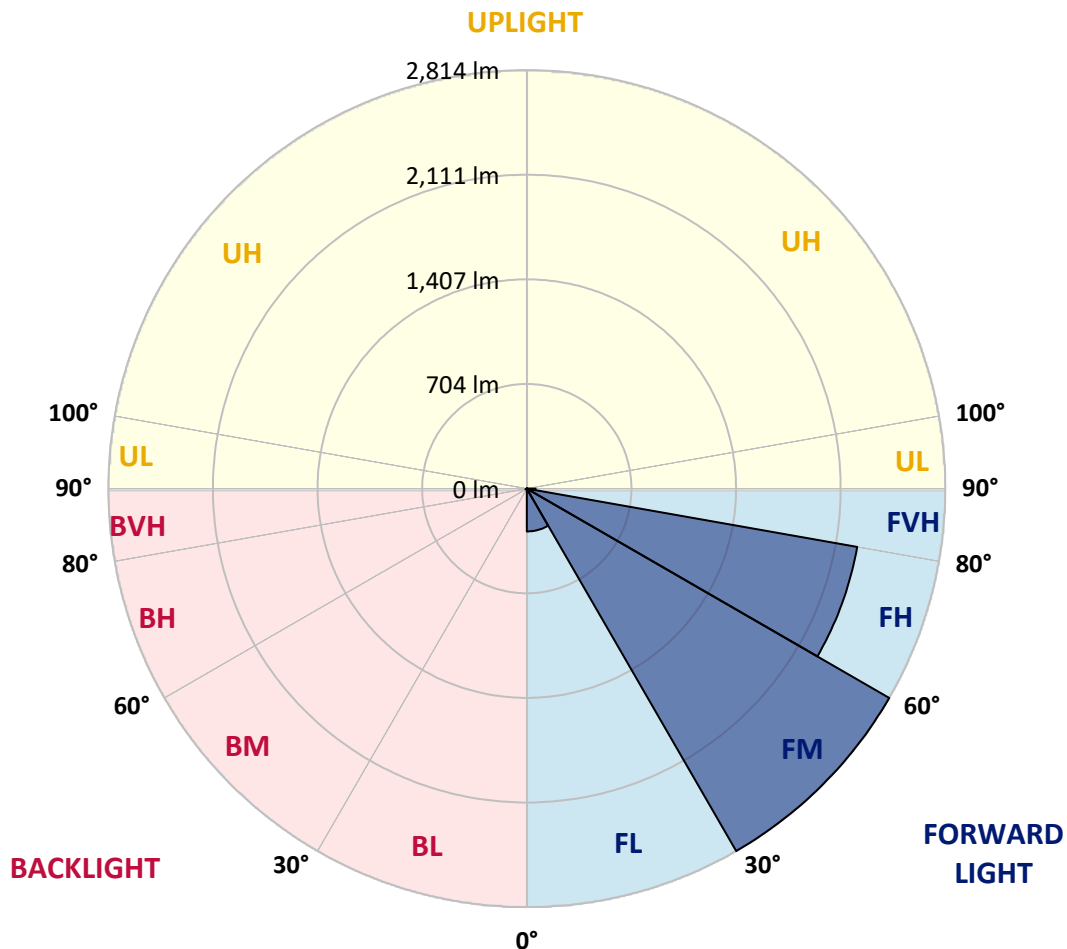
CATALOG NUMBER: GALN-SA1C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	287.8	5.3			
FM	(30°-60°)	2814.1	51.8			
FH	(60°-80°)	2255.9	41.5			G2/5000
FVH	(80°-90°)	58.8	1.1			G1/100
BL	(0°-30°)	5.2	0.1	B0/110		
BM	(30°-60°)	4.8	0.1	B0/220		
BH	(60°-80°)	9.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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 III Short



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CATALOG NUMBER: GALN-SA1C-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	42.7	44.1	42.7	42.7	42.7	41.2	41.2	39.8	39.8	38.4	37.0
5°	62.6	62.6	58.3	55.5	52.6	51.2	49.8	46.9	44.1	41.2	38.4
7.5°	139.3	139.3	126.5	109.5	86.7	73.9	71.1	58.3	49.8	44.1	38.4
10°	332.7	332.7	304.3	257.4	199.1	147.9	132.2	83.9	59.7	46.9	39.8
12.5°	553.1	560.2	524.7	464.9	378.2	288.6	257.4	153.6	79.6	51.2	39.8
15°	750.7	733.7	723.7	666.9	584.4	477.7	437.9	258.8	115.2	58.3	39.8
17.5°	884.4	884.4	870.2	831.8	756.4	662.6	629.9	418.0	186.3	66.8	41.2
20°	1040.8	1040.8	1015.2	988.2	921.4	841.7	810.5	594.3	288.6	85.3	41.2
22.5°	1229.9	1232.8	1204.3	1156.0	1092.0	1003.8	976.8	757.9	418.0	113.7	42.7
25°	1460.3	1463.1	1421.9	1376.4	1278.3	1183.0	1141.8	945.5	575.9	159.2	42.7
27.5°	1714.8	1734.7	1673.5	1595.3	1491.5	1372.1	1340.8	1114.7	732.3	224.7	45.5
30°	2031.8	2031.8	1950.8	1841.3	1729.0	1581.1	1541.3	1292.5	898.6	311.4	48.3
32.5°	2304.8	2283.5	2179.7	2064.5	1945.1	1807.2	1764.5	1478.7	1069.2	419.5	54.0
35°	2513.9	2495.4	2367.4	2243.7	2139.9	2013.4	1962.2	1680.6	1249.8	541.7	62.6
37.5°	2693.0	2685.9	2512.4	2357.5	2289.2	2178.3	2132.8	1871.2	1427.6	674.0	72.5
40°	2889.2	2866.5	2681.6	2489.7	2387.3	2297.7	2256.5	2024.7	1598.2	828.9	86.7
42.5°	3057.0	3030.0	2863.6	2676.0	2501.1	2380.2	2340.4	2154.1	1764.5	983.9	105.2
45°	3243.3	3229.1	3061.3	2919.1	2685.9	2492.5	2439.9	2257.9	1916.7	1168.8	129.4
47.5°	3523.4	3497.8	3341.4	3224.8	2954.6	2663.2	2587.8	2364.6	2063.1	1350.8	166.4
50°	3849.0	3831.9	3739.5	3647.1	3378.4	2954.6	2865.1	2518.1	2226.6	1566.9	214.7
52.5°	4114.9	4112.0	4123.4	4124.8	3921.5	3445.2	3311.5	2765.5	2414.3	1780.2	283.0
55°	4109.2	4122.0	4247.1	4390.7	4406.4	4114.9	3985.5	3182.1	2658.9	2043.2	378.2
57.5°	3955.6	3945.7	4077.9	4294.0	4446.2	4477.5	4456.1	3829.1	3027.2	2360.3	524.7
58°	3905.9	3897.3	4022.5	4242.8	4417.7	4501.6	4480.3	3975.5	3109.6	2405.8	564.5
60°	3725.3	3726.7	3800.6	4001.1	4176.0	4375.1	4395.0	4393.6	3520.5	2710.1	765.0
62.5°	3486.4	3475.0	3543.3	3706.8	3860.4	3994.0	4028.1	4422.0	4122.0	3096.8	1147.4
65°	3156.5	3139.5	3212.0	3396.8	3561.8	3648.5	3649.9	4040.9	4404.9	3512.0	1693.4
67.5°	2543.7	2529.5	2674.5	2912.0	3166.5	3280.2	3331.4	3506.3	4166.1	3793.5	2006.3
70°	1558.4	1588.2	1790.1	2162.7	2597.7	2806.8	2883.5	2937.6	3547.6	3750.9	1677.8
72.5°	719.5	683.9	856.0	1116.2	1612.4	2077.3	2157.0	2368.8	2812.4	3256.1	1251.2
75°	335.6	322.8	362.6	487.7	730.8	1121.9	1266.9	1891.1	2157.0	2265.0	902.9
77.5°	172.0	173.5	206.2	221.8	301.4	519.0	595.8	1244.1	1581.1	1264.0	605.7
80°	75.4	78.2	79.6	86.7	122.3	200.5	226.1	577.3	1080.6	644.1	331.3
82.5°	48.3	49.8	49.8	49.8	58.3	79.6	91.0	231.8	538.9	319.9	102.4
85°	25.6	25.6	28.4	35.5	41.2	48.3	51.2	73.9	177.7	95.3	24.2
87.5°	14.2	15.6	17.1	21.3	27.0	32.7	35.5	51.2	68.2	65.4	5.7
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-SA1C-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	37.0	35.5	34.1	32.7	31.3	29.9	29.9	29.9	29.9	29.9	29.9
5°	35.5	34.1	32.7	29.9	27.0	25.6	24.2	22.7	22.7	22.7	22.7
7.5°	35.5	34.1	29.9	27.0	24.2	21.3	18.5	18.5	18.5	18.5	18.5
10°	35.5	32.7	28.4	24.2	19.9	17.1	15.6	14.2	14.2	14.2	14.2
12.5°	35.5	31.3	27.0	21.3	17.1	14.2	12.8	11.4	11.4	11.4	11.4
15°	35.5	31.3	25.6	19.9	15.6	11.4	10.0	8.5	8.5	8.5	8.5
17.5°	34.1	29.9	24.2	17.1	12.8	8.5	7.1	5.7	5.7	7.1	7.1
20°	32.7	28.4	21.3	14.2	10.0	7.1	4.3	4.3	4.3	4.3	4.3
22.5°	32.7	28.4	19.9	12.8	8.5	4.3	2.8	2.8	2.8	2.8	4.3
25°	32.7	27.0	17.1	10.0	5.7	2.8	1.4	1.4	1.4	1.4	1.4
27.5°	32.7	27.0	15.6	8.5	4.3	2.8	1.4	0.0	0.0	0.0	0.0
30°	31.3	25.6	14.2	7.1	2.8	1.4	0.0	0.0	0.0	0.0	0.0
32.5°	31.3	24.2	11.4	5.7	2.8	1.4	0.0	0.0	0.0	0.0	0.0
35°	32.7	22.7	10.0	4.3	1.4	0.0	0.0	0.0	0.0	0.0	1.4
37.5°	34.1	21.3	8.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	35.5	19.9	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	38.4	19.9	7.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.2	19.9	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	46.9	21.3	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	51.2	22.7	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	56.9	21.3	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	64.0	21.3	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	69.7	19.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	72.5	18.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.7	17.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	135.1	14.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	274.4	12.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	511.9	11.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	573.0	12.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	361.2	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	190.5	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	95.3	10.0	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.1	7.1	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.5	4.3	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.5	4.3	2.8	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	2.8	2.8	1.4	1.4	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

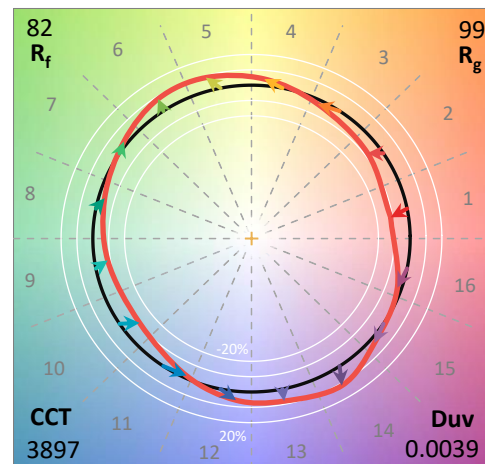
Test Information

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

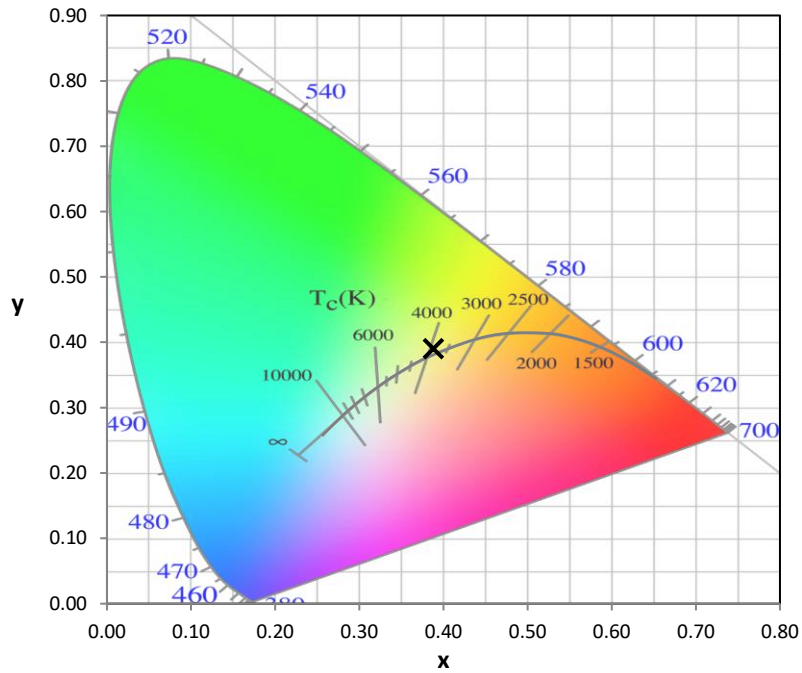
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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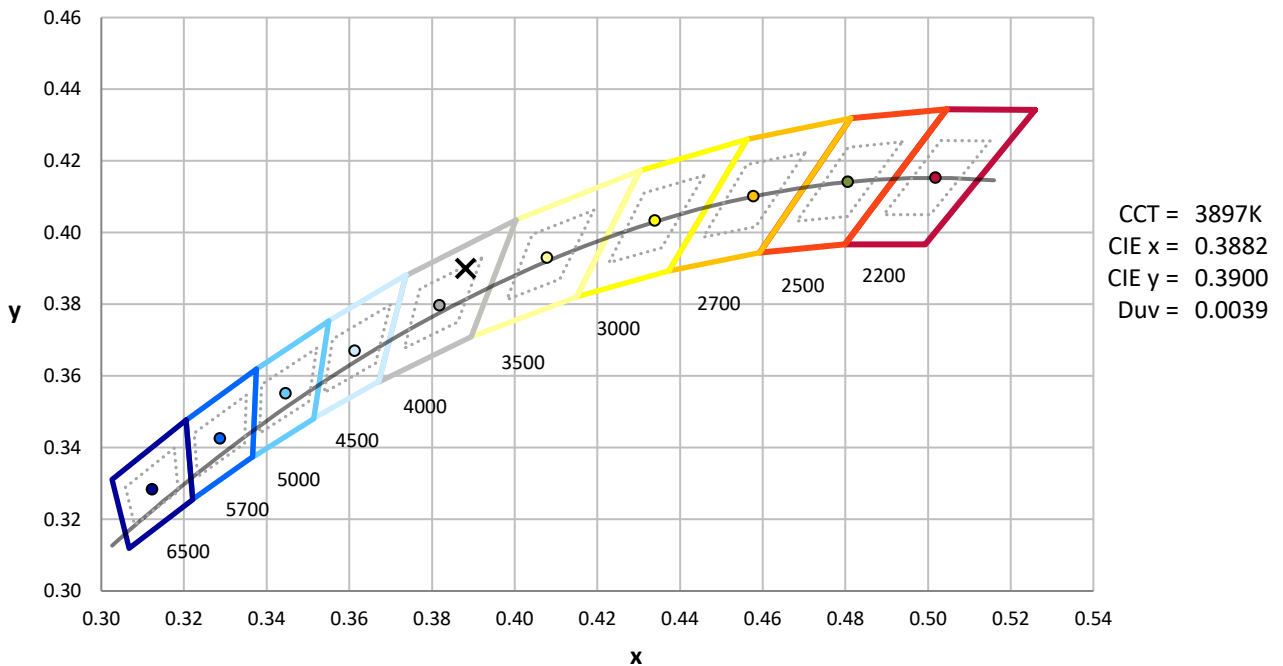
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



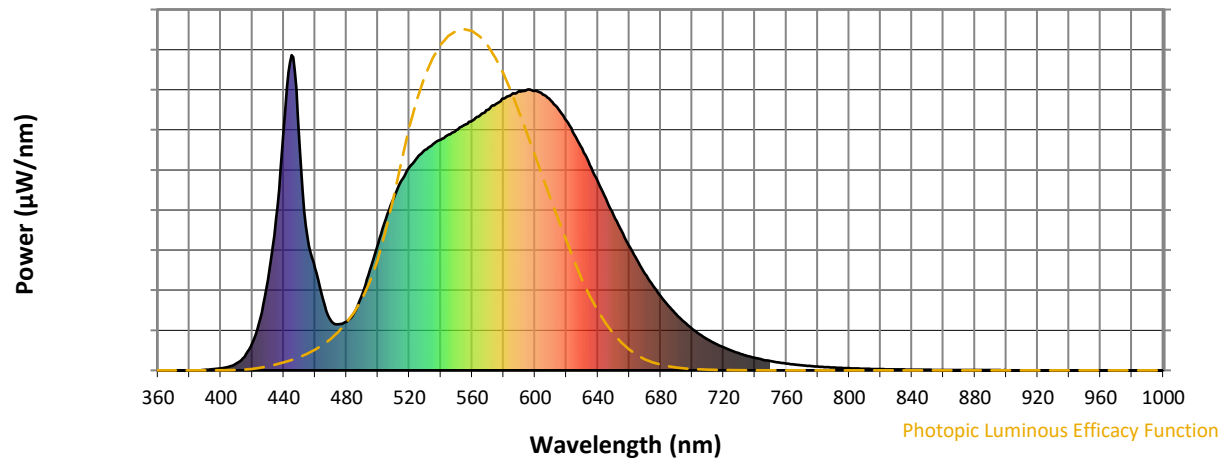
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

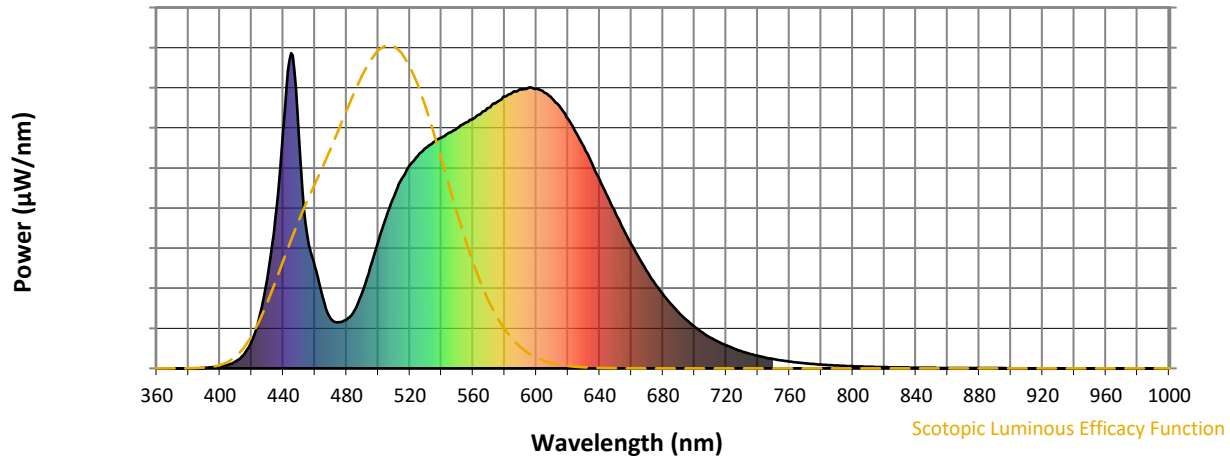


Photopic Lumens: NR

λ (nm)	Power W ^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



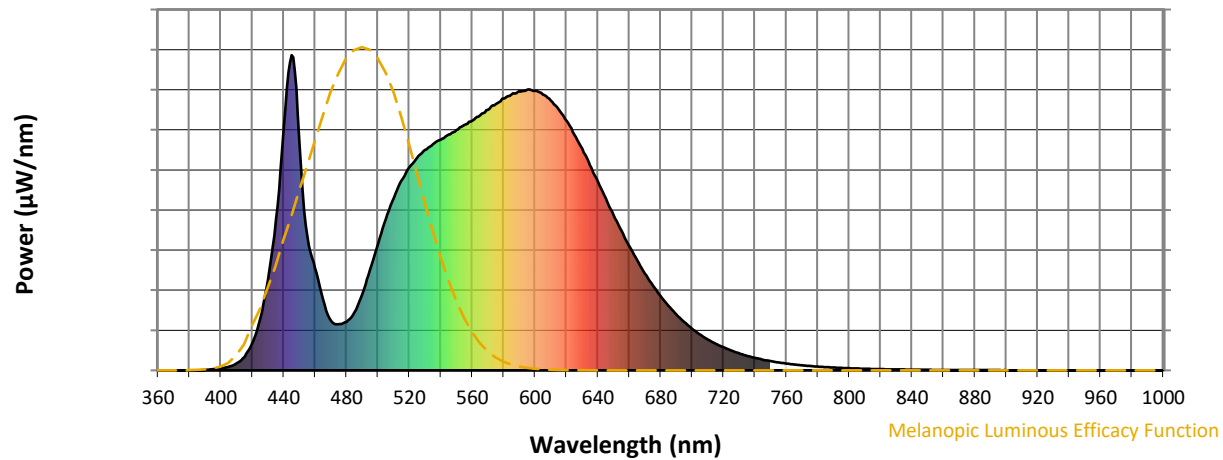
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.06

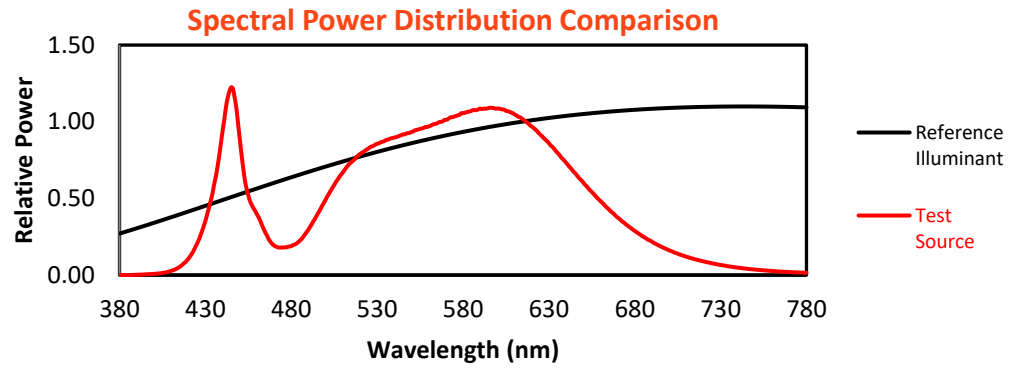
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	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			

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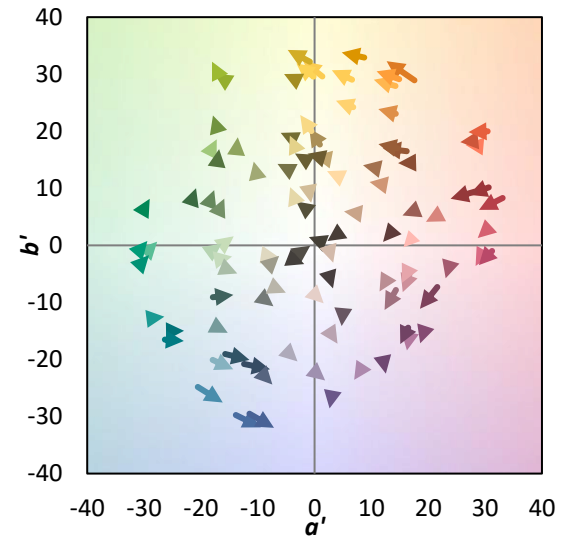
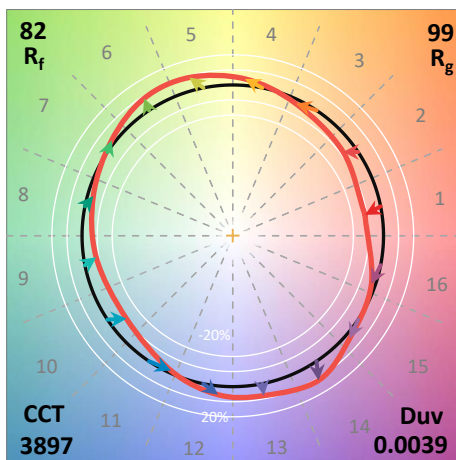
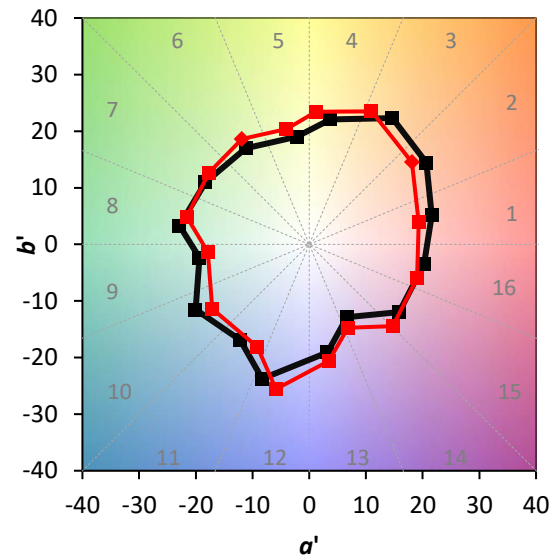
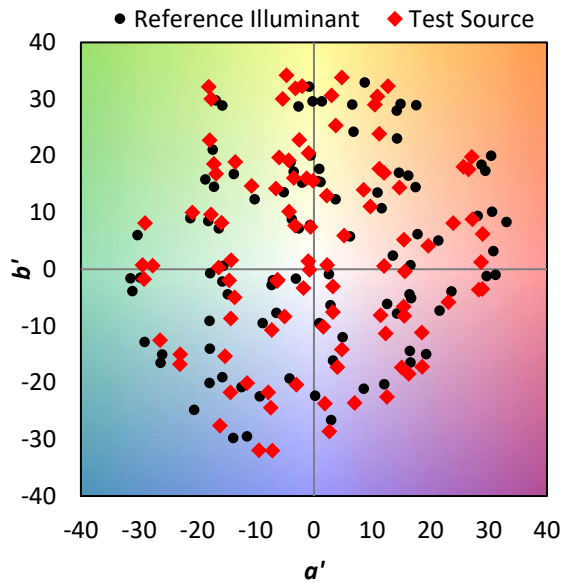
TM-30-18

Summary

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

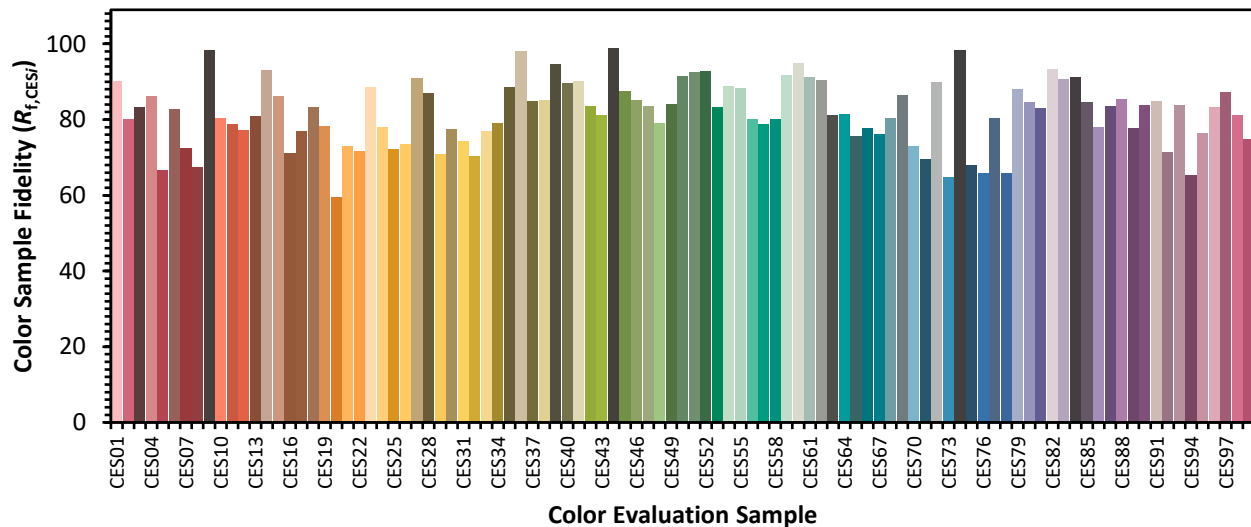


Color Vector Graphics

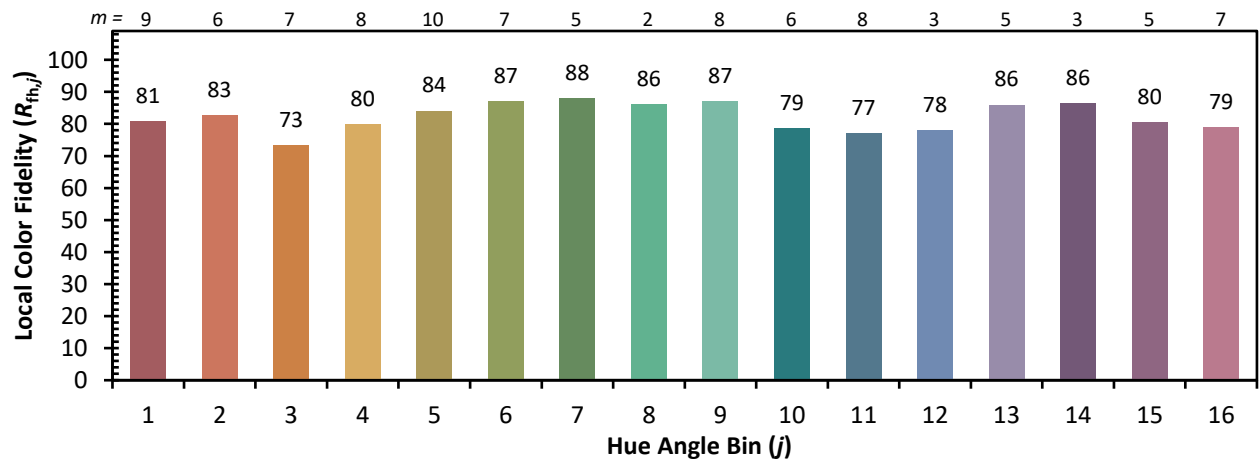
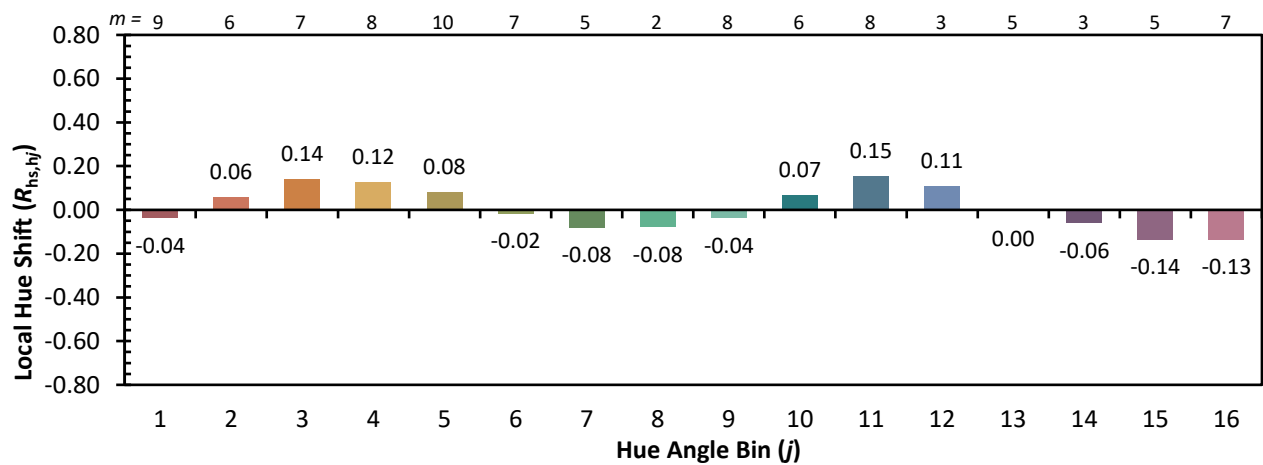
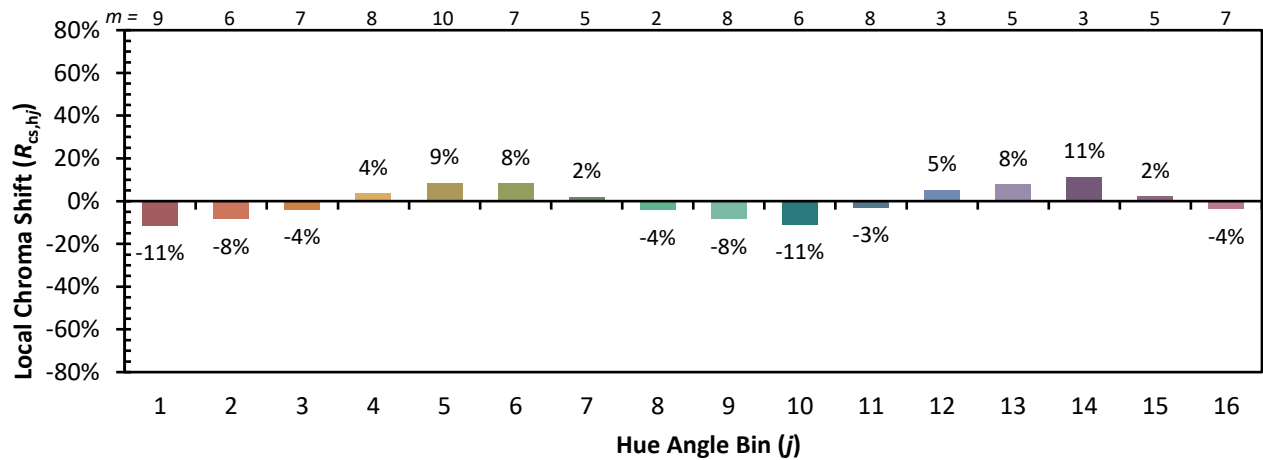


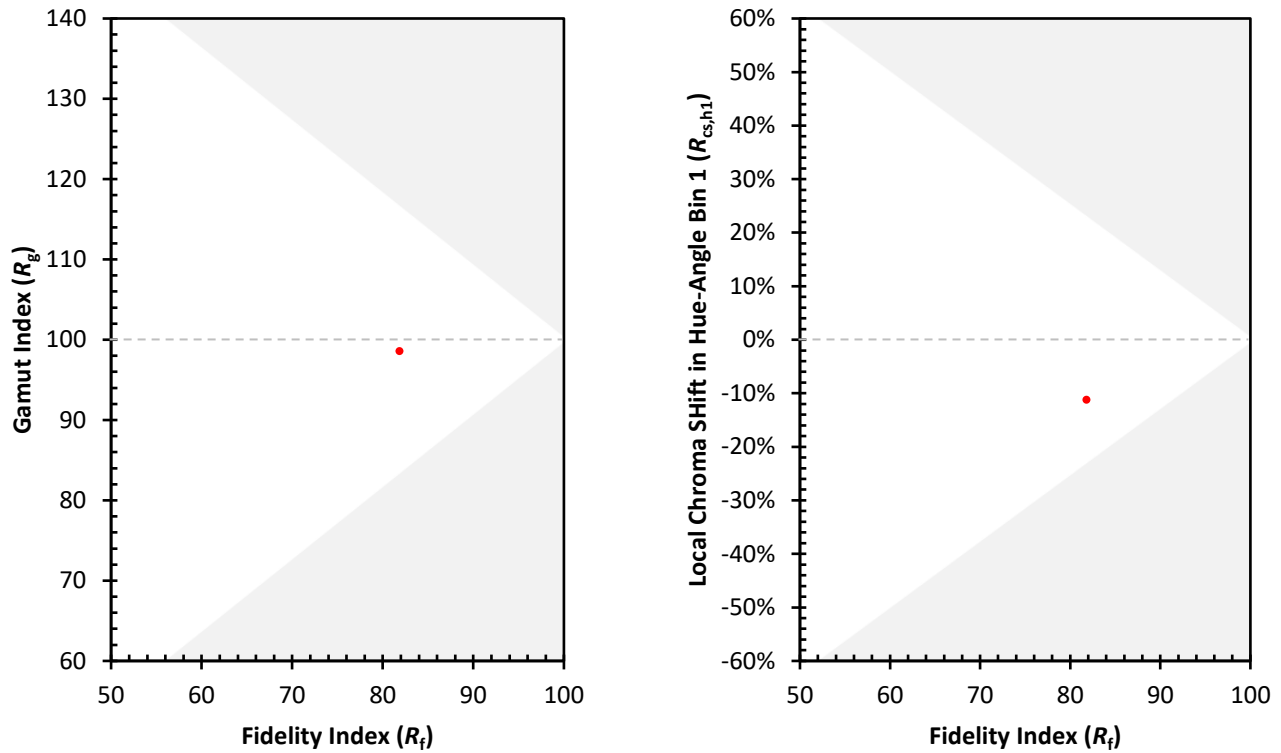
Individual Sample Fidelity Index ($R_{f,i}$)

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)