

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: P1048619

Luminaire Tested: **GALN-SA6C-840-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048619
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-840-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30650.2 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

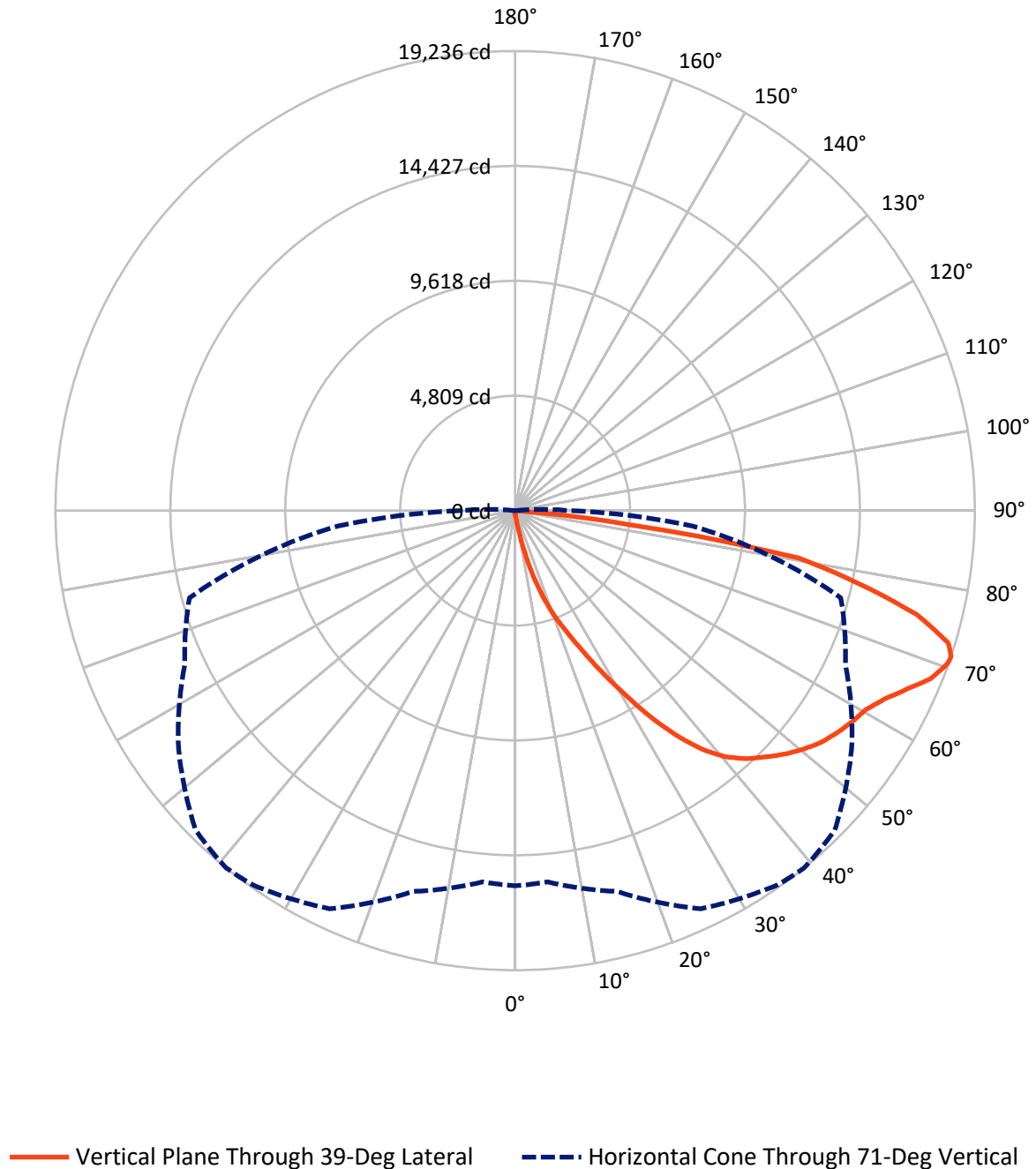
Input Watts (W): 282.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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CATALOG NUMBER: GALN-SA6C-840-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048619

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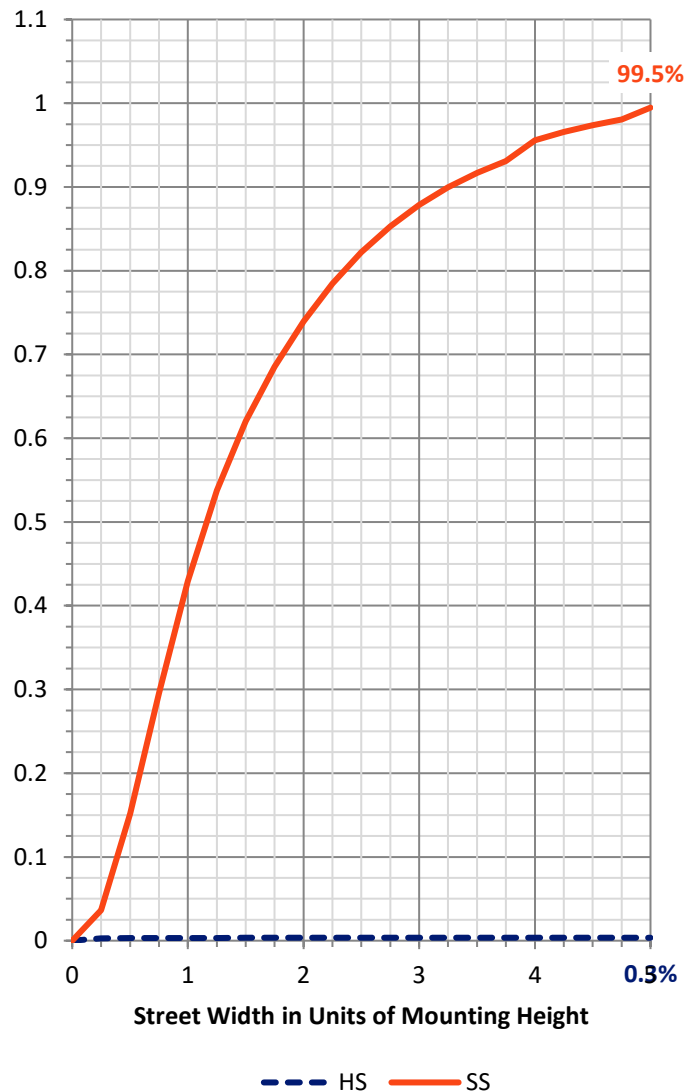
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	108.9	0.0	108.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30541.3	0.0	30541.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	30650.2	0.0	30650.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.6	0.1
10°-20°	327.6	1.1
20°-30°	1166.6	3.8
30°-40°	2811.7	9.2
40°-50°	4705.6	15.4
50°-60°	6043.7	19.7
60°-70°	7648.4	25.0
70°-80°	6818.8	22.2
80°-90°	1102.2	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°	30650.2	100.0
0°-180°	30650.2	100.0



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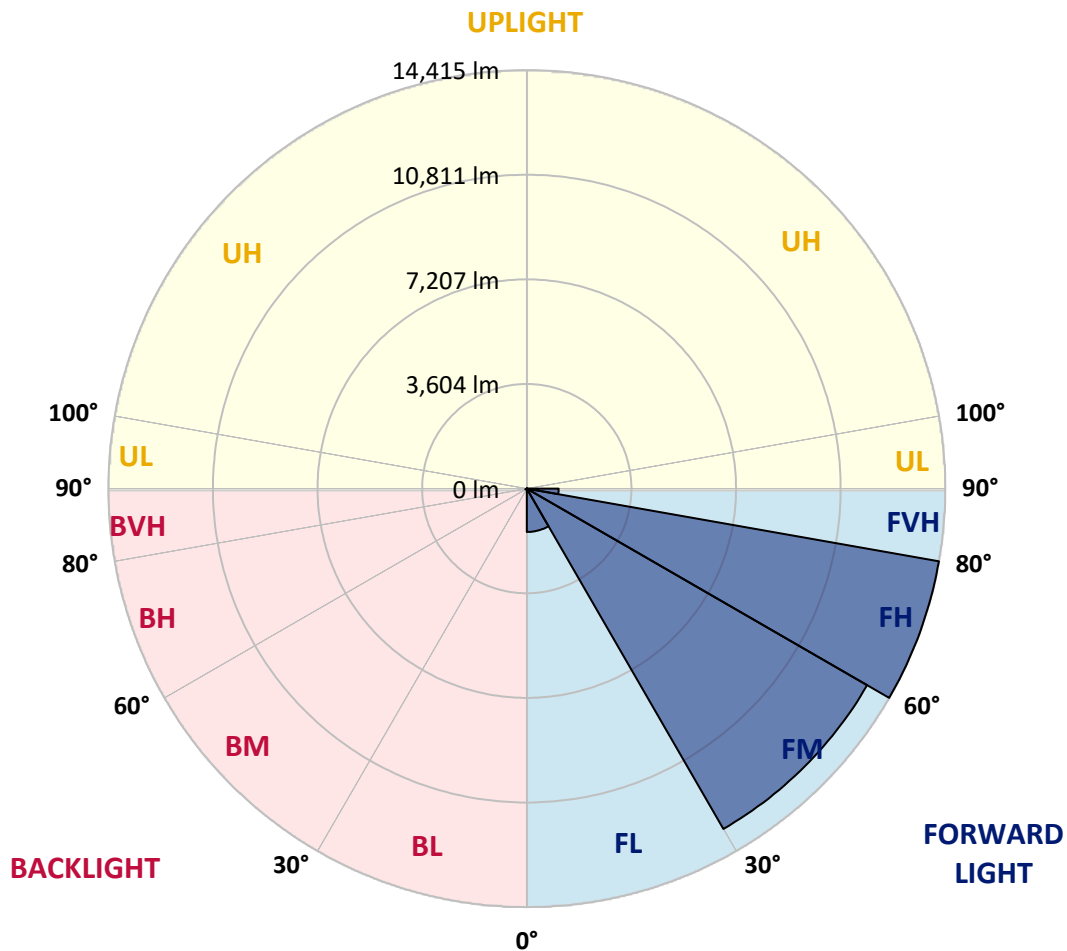
CATALOG NUMBER: GALN-SA6C-840-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1493.5	4.9			
FM	(30°-60°)	13535.8	44.2			
FH	(60°-80°)	14414.8	47.0			G5
FVH	(80°-90°)	1097.2	3.6			G5
BL	(0°-30°)	26.3	0.1	B0/110		
BM	(30°-60°)	25.2	0.1	B0/220		
BH	(60°-80°)	52.4	0.2	B0/110		G0/110
BVH	(80°-90°)	5.0	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-G5

Type IV Short





REPORT NUMBER: P1048619

CATALOG NUMBER: GALN-SA6C-840-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1
2.5°	193.0	193.0	193.0	186.7	186.7	184.7	182.6	182.6	178.4	176.4	172.2
5°	292.6	286.3	271.8	263.5	246.9	236.5	226.2	211.6	197.1	186.7	174.3
7.5°	661.9	676.4	628.7	539.5	448.2	408.7	342.4	276.0	228.2	197.1	176.4
10°	1686.9	1678.6	1516.7	1338.3	1033.3	910.9	713.8	450.2	294.6	215.8	178.4
12.5°	2869.5	2861.2	2670.3	2427.6	2025.1	1769.9	1396.4	840.3	423.3	244.8	178.4
15°	3863.4	3830.2	3770.0	3529.3	3058.3	2844.6	2350.8	1485.6	684.7	294.6	182.6
17.5°	4521.1	4492.1	4436.0	4348.9	4050.1	3797.0	3400.7	2334.2	1108.0	381.8	190.9
20°	5124.9	5104.1	5058.5	5041.9	4848.9	4714.1	4386.2	3309.4	1726.3	518.7	203.3
22.5°	5954.8	5911.3	5929.9	5830.4	5641.5	5479.7	5278.4	4330.2	2481.5	746.9	226.2
25°	6971.5	6950.8	6898.9	6828.4	6566.9	6425.8	6116.7	5293.0	3326.0	1045.7	251.1
27.5°	8199.8	8177.0	8164.6	8002.7	7701.9	7548.3	7116.8	6201.7	4276.3	1464.8	284.3
30°	9614.9	9625.3	9544.3	9336.9	8986.2	8770.4	8326.4	7154.1	5249.4	1956.6	319.5
32.5°	11079.7	11059.0	10934.5	10689.7	10376.4	10175.1	9610.7	8197.8	6270.2	2606.0	361.0
35°	12658.7	12619.3	12291.5	12011.4	11743.7	11490.6	10976.0	9409.5	7291.0	3334.3	417.0
37.5°	14252.2	14067.5	13409.8	13055.0	12870.3	12662.9	12183.6	10702.1	8305.7	4147.6	485.5
40°	15455.6	15312.4	14532.3	13878.7	13731.4	13555.0	13198.2	11818.4	9384.6	5021.2	568.5
42.5°	16121.6	16042.8	15341.5	14696.2	14349.7	14194.1	13889.1	12793.6	10451.1	5986.0	688.9
45°	16405.9	16283.5	15814.6	15513.7	14961.8	14704.5	14341.4	13530.1	11565.3	7081.5	856.9
47.5°	16318.8	16248.2	15912.1	16022.1	15621.6	15221.2	14687.9	14094.5	12517.6	8338.9	1087.2
50°	15771.0	15710.8	15607.1	16202.6	16152.8	15679.7	15136.1	14540.6	13295.7	9635.6	1444.1
52.5°	14729.4	14704.5	14970.1	16061.5	16453.6	16084.3	15567.7	14934.8	14021.9	10990.5	1954.5
55°	13387.0	13488.6	14248.0	15841.5	16607.2	16383.1	15949.4	15304.2	14604.9	12202.2	2707.7
57.5°	12835.1	12862.0	13810.3	15685.9	16675.6	16646.6	16320.8	15656.9	15140.2	13171.2	3857.2
60°	13480.4	13438.9	13938.9	15804.2	16812.6	16883.1	16650.7	15984.7	15605.0	14003.2	5388.4
62.5°	14646.4	14623.6	14783.4	16308.4	17213.0	17356.2	17109.3	16221.2	16015.8	14551.0	7135.4
65°	15688.0	15640.3	15937.0	17202.6	17916.4	18018.1	17802.3	16625.8	16196.3	14949.3	8776.6
67.5°	16138.2	16127.9	16605.1	18053.3	18655.0	18765.0	18576.2	17184.0	16154.8	15075.9	9500.8
70°	15932.8	15893.4	16657.0	18414.4	19072.1	19196.6	19014.0	17391.5	15704.6	14675.5	8428.1
71°	15706.7	15600.9	16501.3	18389.5	19130.2	19236.0	18916.5	17202.6	15252.3	14107.0	7455.0
72.5°	15005.4	15024.0	16073.9	18130.1	18991.2	18960.0	18364.6	16526.2	14706.6	12816.4	5988.0
75°	13279.1	13389.1	14690.0	17040.8	17750.4	17354.1	16443.2	15233.6	13611.1	9189.5	4158.0
77.5°	10851.5	11015.4	12445.0	14945.2	14743.9	14704.5	14667.2	13422.3	11623.4	4936.1	2892.4
80°	5180.9	5535.7	7506.8	10668.9	11590.2	12036.2	11756.1	10816.2	8988.3	2350.8	1728.4
82.5°	338.2	334.1	473.1	896.3	3778.3	4884.2	7760.0	7730.9	6266.1	1145.3	705.5
85°	159.8	163.9	180.5	205.4	238.6	261.4	361.0	2116.4	2998.2	545.7	153.5
87.5°	93.4	95.4	112.0	143.2	186.7	207.5	246.9	317.5	390.1	300.9	33.2
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: P1048619

CATALOG NUMBER: GALN-SA6C-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1	168.1
2.5°	170.1	168.1	161.8	155.6	149.4	145.2	143.2	145.2	145.2	147.3	147.3
5°	170.1	163.9	153.5	141.1	132.8	124.5	120.3	118.3	120.3	120.3	120.3
7.5°	168.1	157.7	143.2	128.6	118.3	107.9	103.7	101.7	101.7	103.7	103.7
10°	163.9	153.5	134.9	118.3	105.8	93.4	87.1	80.9	80.9	80.9	83.0
12.5°	161.8	147.3	124.5	107.9	91.3	76.8	64.3	58.1	60.2	60.2	60.2
15°	157.7	141.1	118.3	97.5	76.8	58.1	47.7	41.5	43.6	45.6	43.6
17.5°	157.7	139.0	110.0	85.1	60.2	43.6	35.3	31.1	31.1	33.2	33.2
20°	157.7	134.9	103.7	72.6	45.6	33.2	24.9	22.8	22.8	27.0	29.0
22.5°	161.8	134.9	95.4	60.2	37.3	24.9	18.7	16.6	18.7	22.8	24.9
25°	168.1	132.8	87.1	53.9	31.1	18.7	14.5	10.4	12.4	16.6	18.7
27.5°	174.3	130.7	78.8	47.7	24.9	14.5	10.4	8.3	6.2	8.3	8.3
30°	180.5	130.7	70.5	39.4	20.7	10.4	6.2	4.1	2.1	0.0	0.0
32.5°	184.7	126.6	64.3	31.1	16.6	8.3	4.1	2.1	0.0	0.0	0.0
35°	188.8	122.4	56.0	24.9	12.4	6.2	2.1	0.0	0.0	0.0	0.0
37.5°	193.0	116.2	47.7	20.7	10.4	4.1	0.0	0.0	0.0	0.0	0.0
40°	197.1	107.9	39.4	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	201.3	101.7	33.2	14.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	211.6	97.5	27.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	230.3	93.4	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	257.3	89.2	22.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	294.6	87.1	20.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	361.0	85.1	18.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	475.1	83.0	18.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	728.3	78.8	18.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1300.9	76.8	16.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2267.8	78.8	16.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3251.3	83.0	14.5	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	2782.4	72.6	14.5	8.3	4.1	2.1	0.0	0.0	0.0	0.0	0.0
71°	2267.8	64.3	14.5	8.3	4.1	2.1	2.1	0.0	0.0	0.0	0.0
72.5°	1458.6	49.8	12.4	8.3	4.1	4.1	2.1	0.0	0.0	0.0	0.0
75°	616.2	41.5	12.4	8.3	6.2	4.1	4.1	2.1	0.0	0.0	0.0
77.5°	263.5	31.1	12.4	10.4	8.3	6.2	6.2	4.1	2.1	0.0	0.0
80°	99.6	24.9	14.5	12.4	10.4	10.4	8.3	4.1	2.1	0.0	0.0
82.5°	45.6	20.7	14.5	12.4	12.4	10.4	8.3	6.2	4.1	0.0	0.0
85°	29.0	18.7	14.5	12.4	12.4	10.4	10.4	6.2	4.1	0.0	0.0
87.5°	22.8	18.7	14.5	14.5	12.4	12.4	8.3	6.2	2.1	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

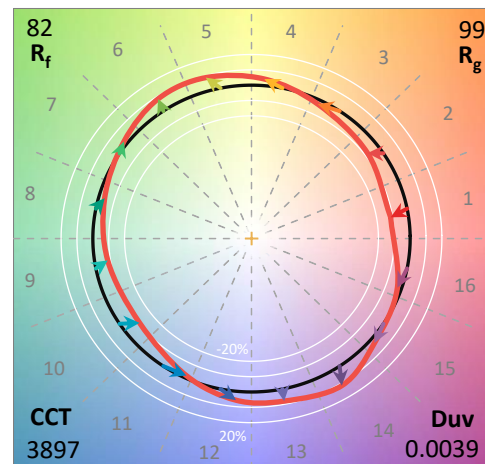
Test Information

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

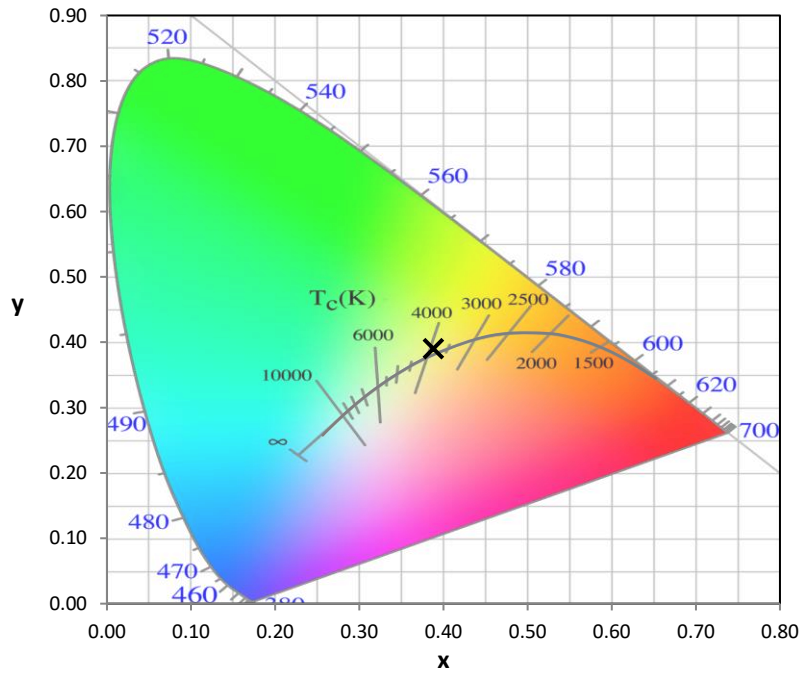
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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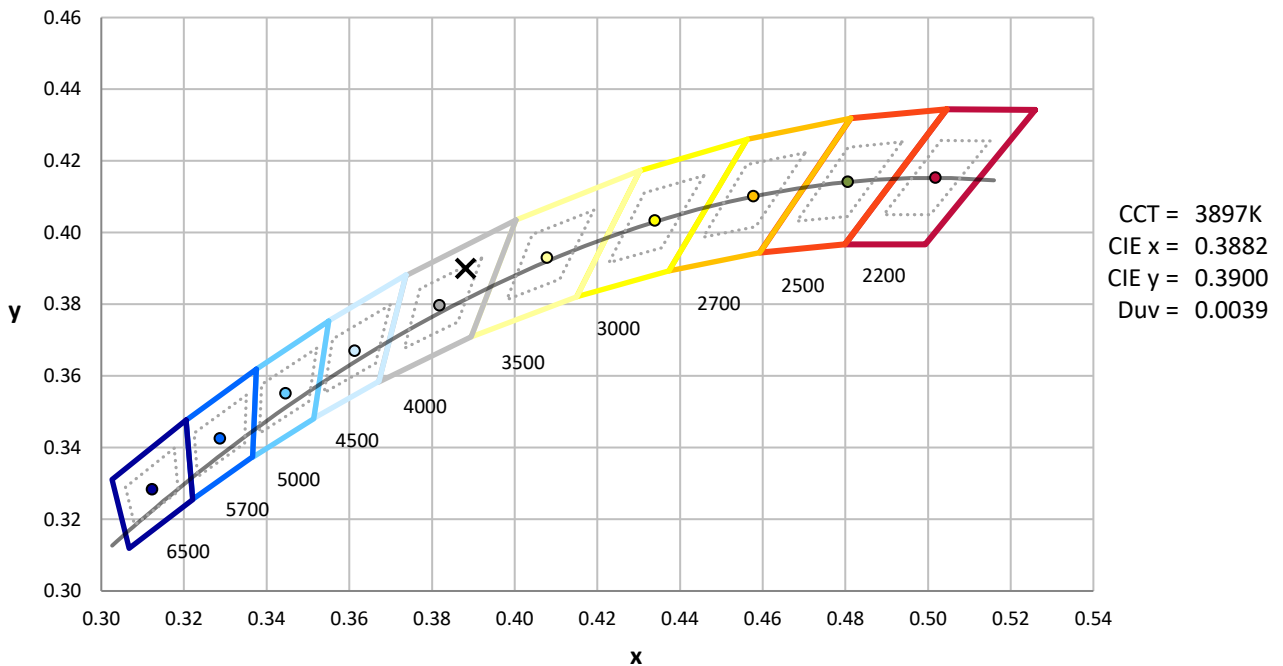
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



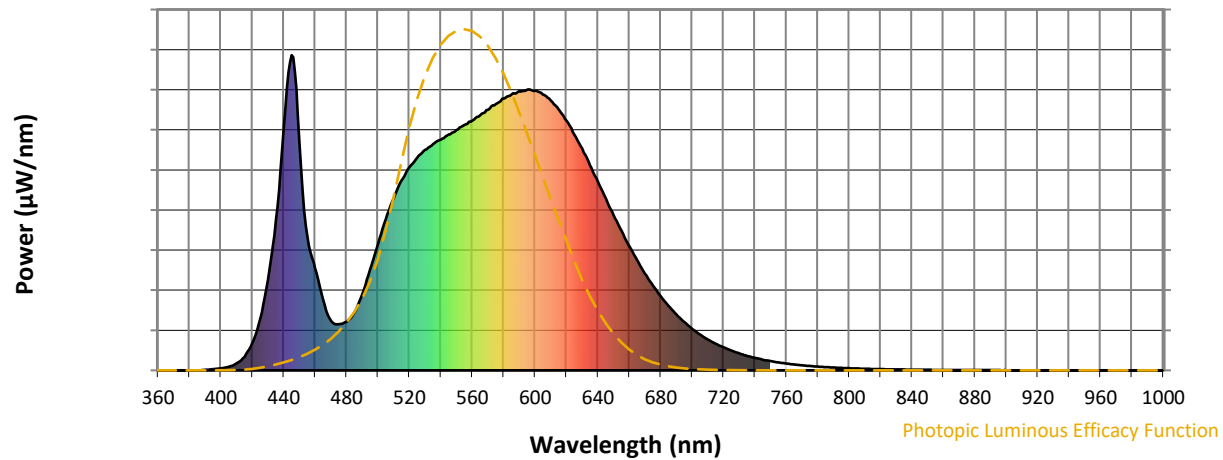
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

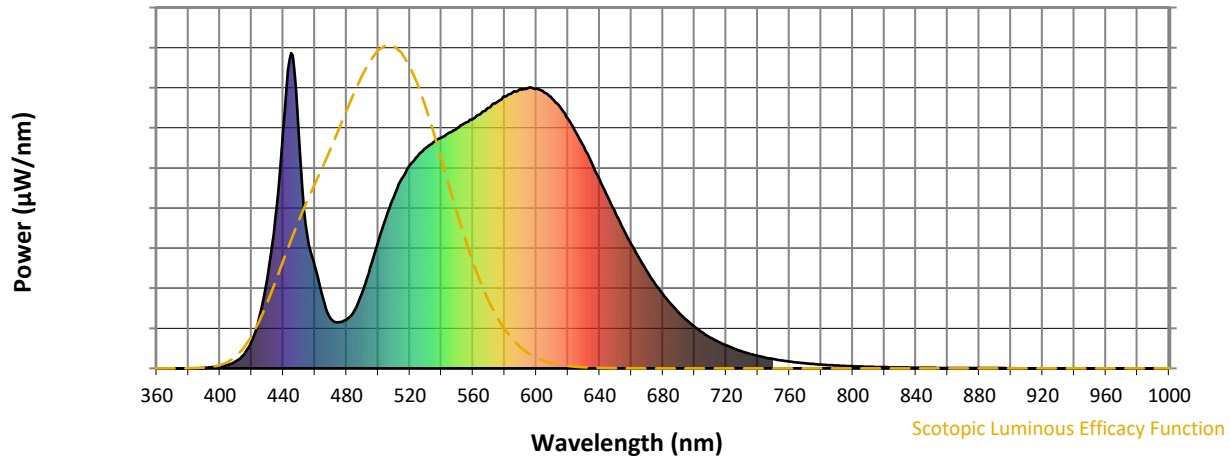


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



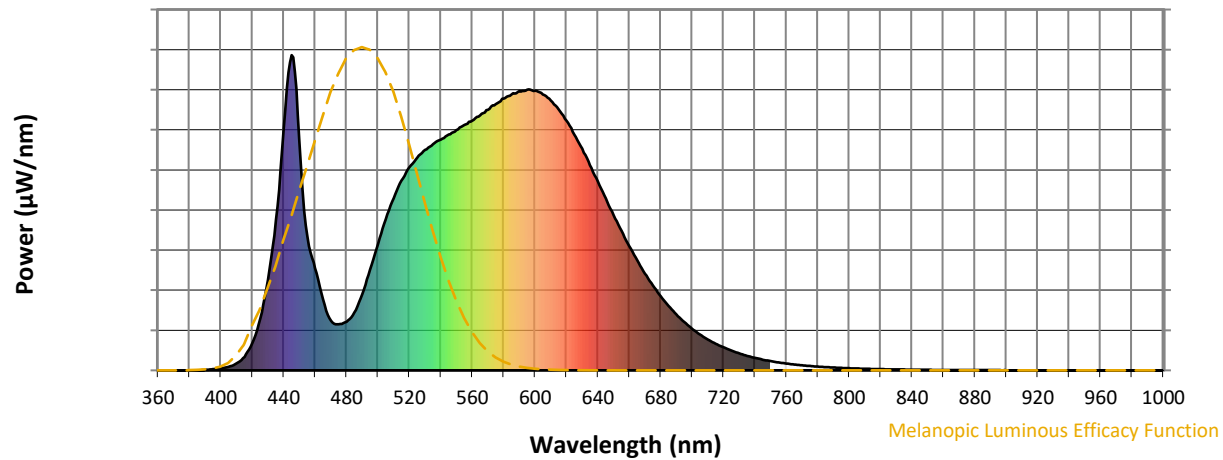
Scotopic Lumens: NR

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

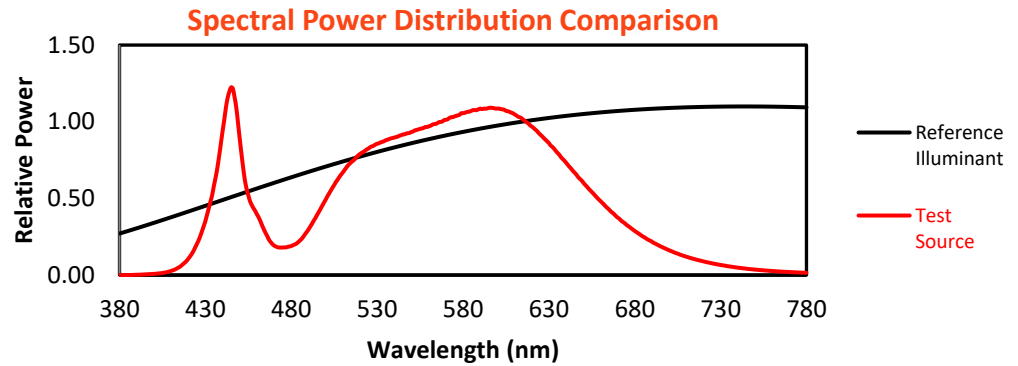
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401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

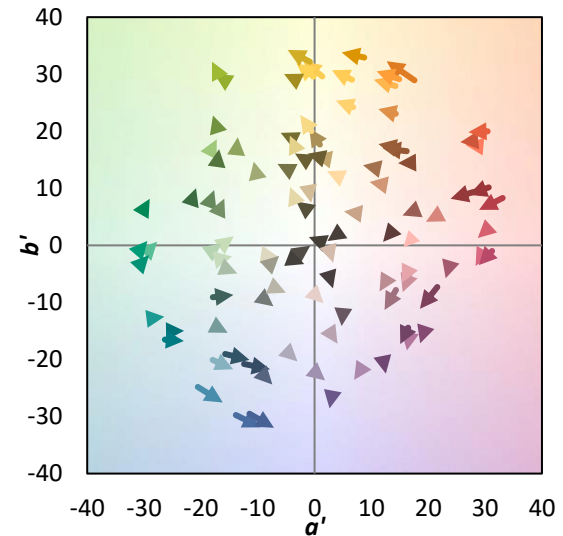
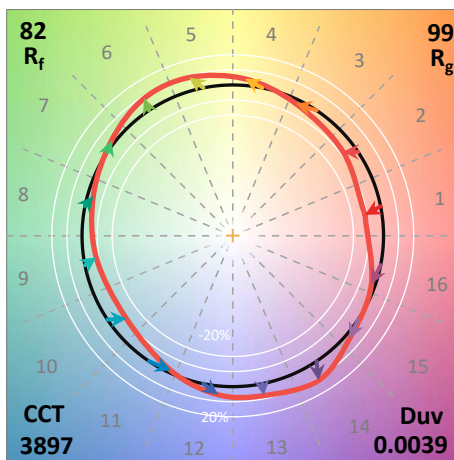
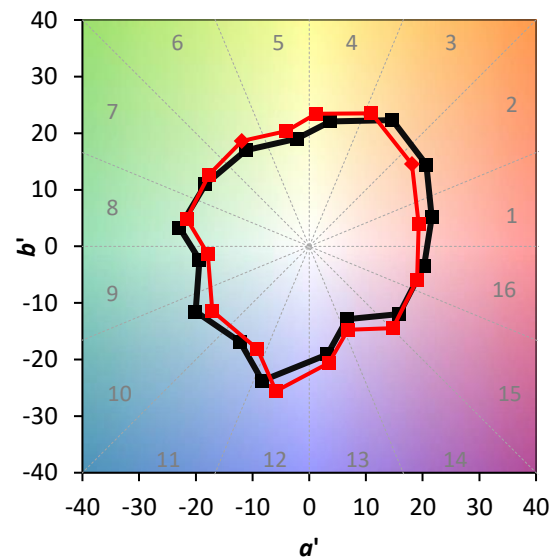
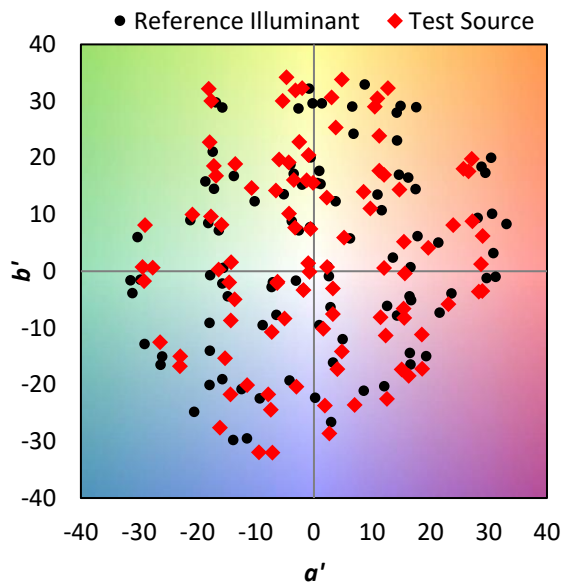
TM-30-18

Summary

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

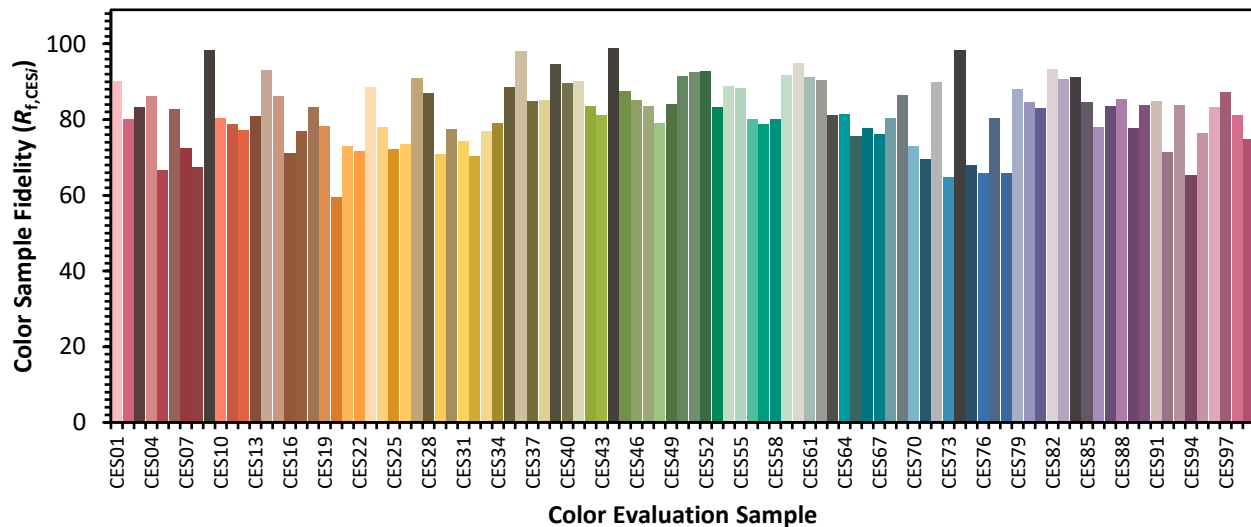


Color Vector Graphics

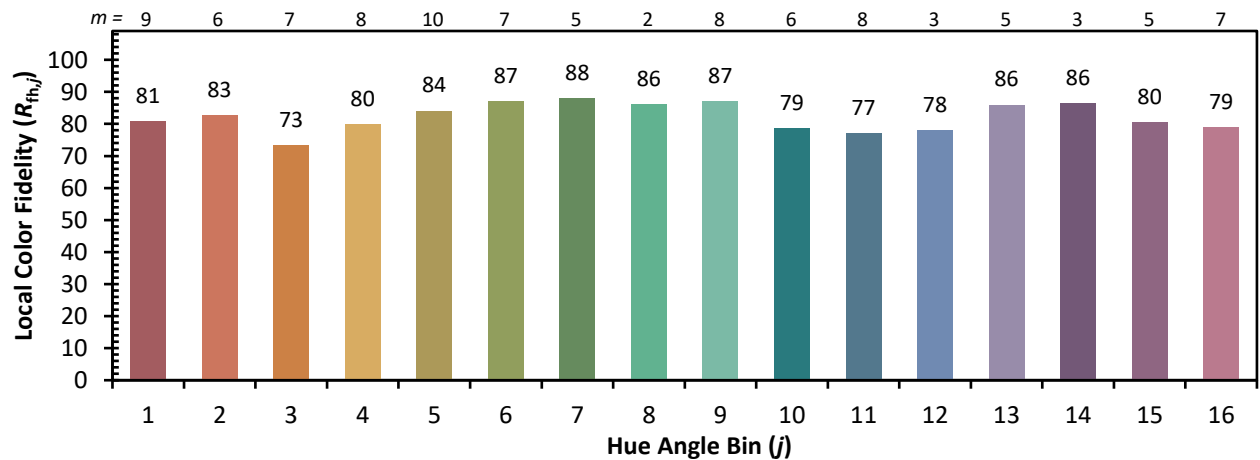
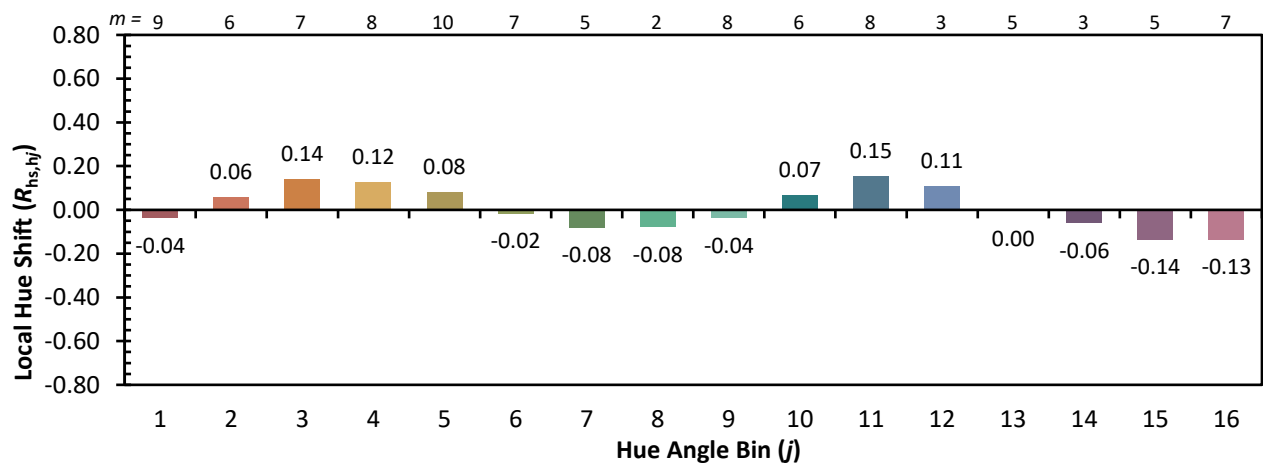
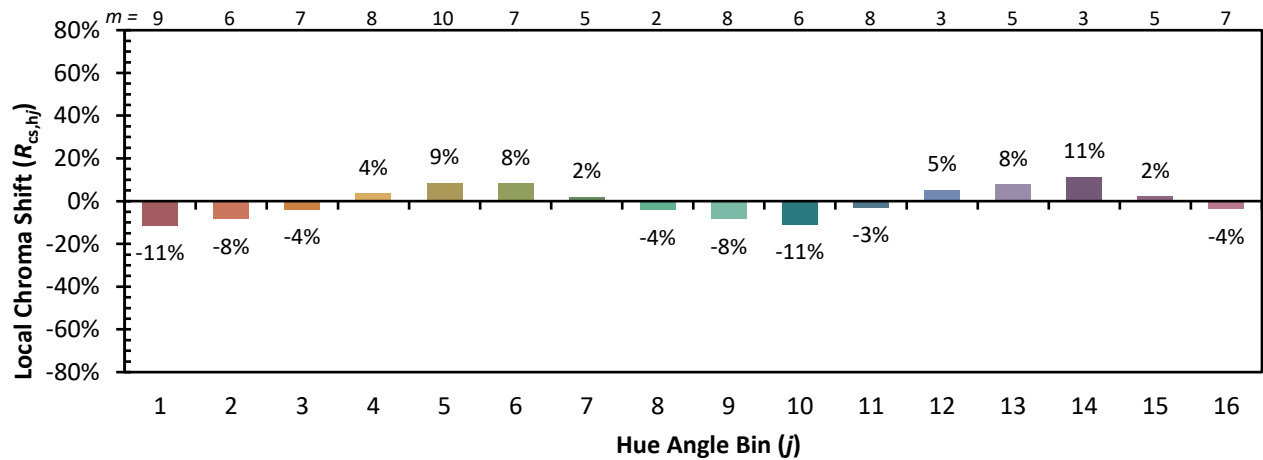


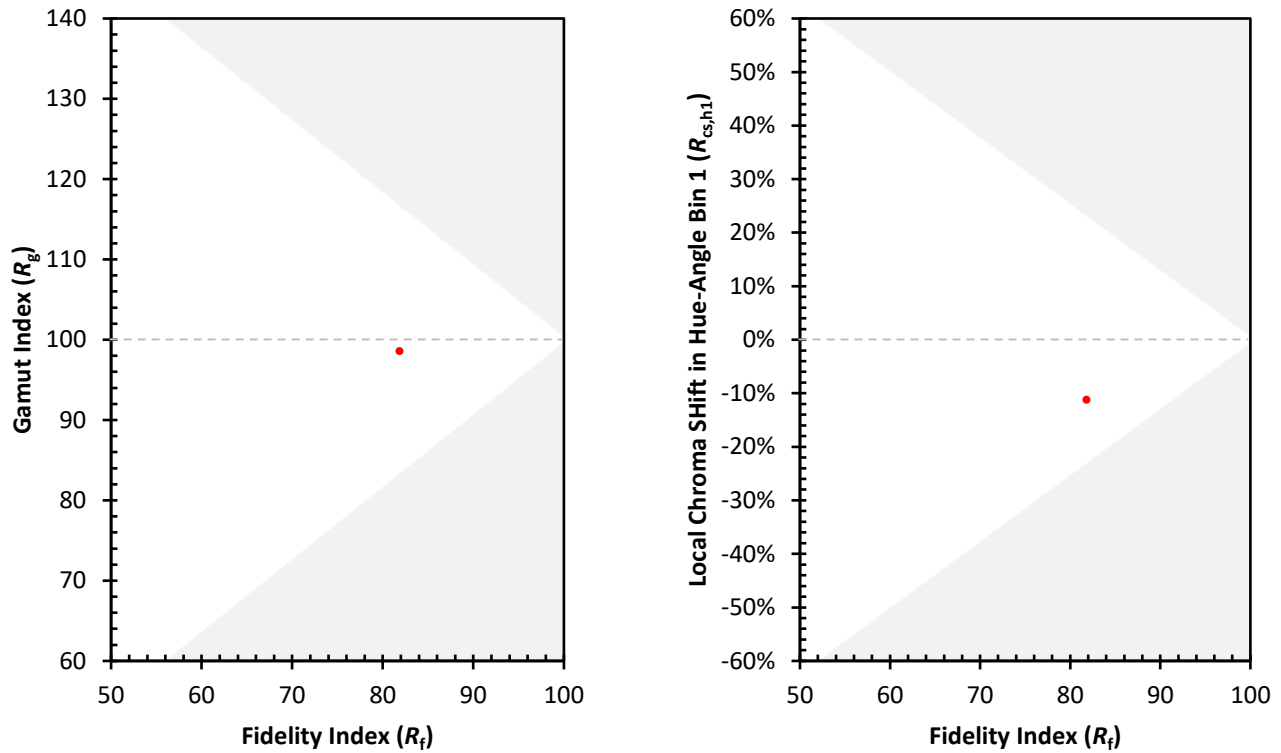
Individual Sample Fidelity Index ($R_{f,i}$)

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)