

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: P1047403

Luminaire Tested: **GALN-SA8C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047403
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42133 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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

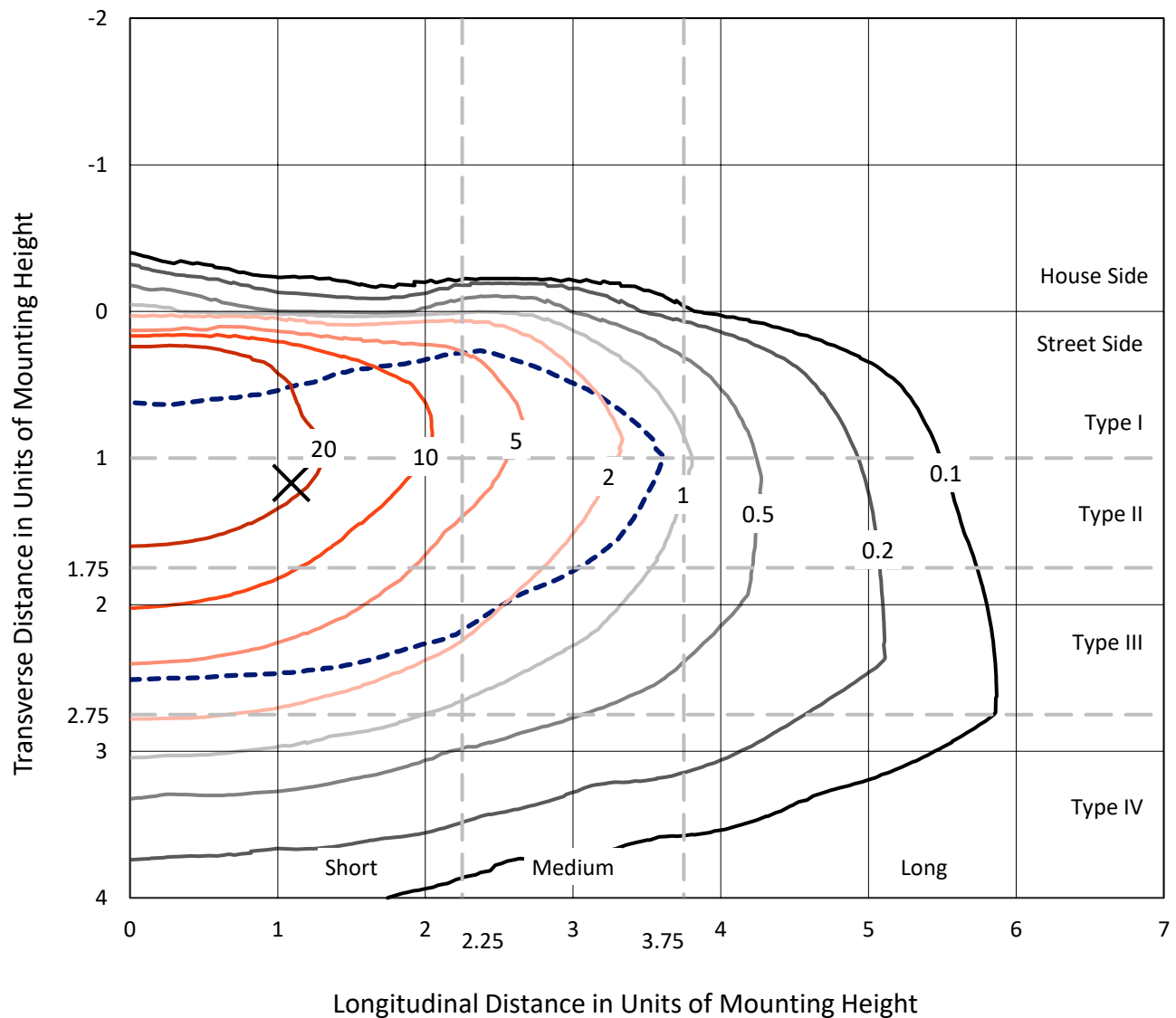


REPORT NUMBER: P1047403

CATALOG NUMBER: GALN-SA8C-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

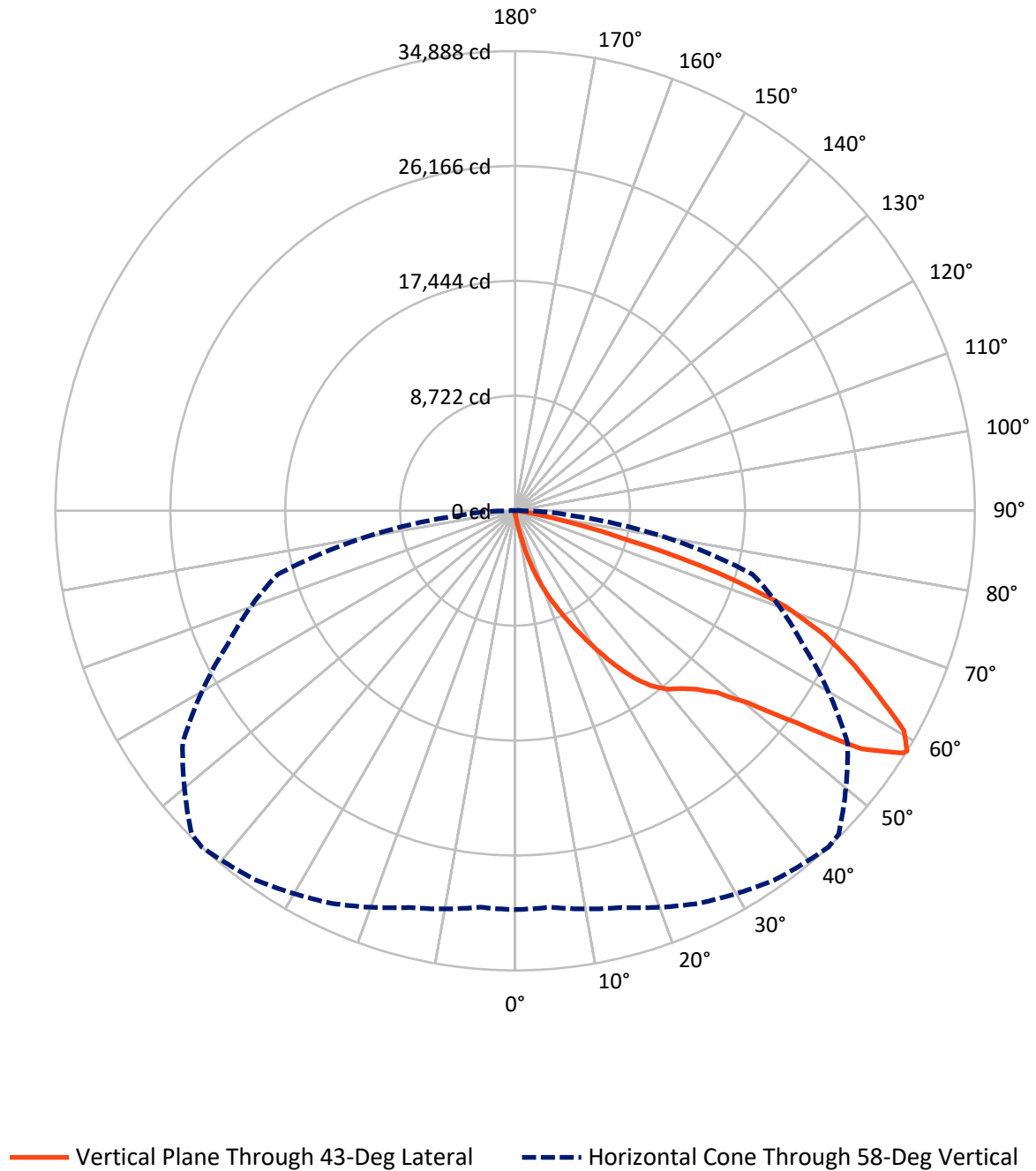


Based on 15 foot mounting height. Maximum calculated value = 47.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1047403

CATALOG NUMBER: GALN-SA8C-840-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047403

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	153.8	0.0	153.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	41979.2	0.0	41979.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	42133.0	0.0	42133.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	0.1
10°-20°	484.3	1.1
20°-30°	1745.6	4.1
30°-40°	3993.9	9.5
40°-50°	6736.2	16.0
50°-60°	11116.4	26.4
60°-70°	12424.1	29.5
70°-80°	5129.7	12.2
80°-90°	462.4	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°	42133.0	100.0
0°-180°	42133.0	100.0



REPORT NUMBER: P1047403

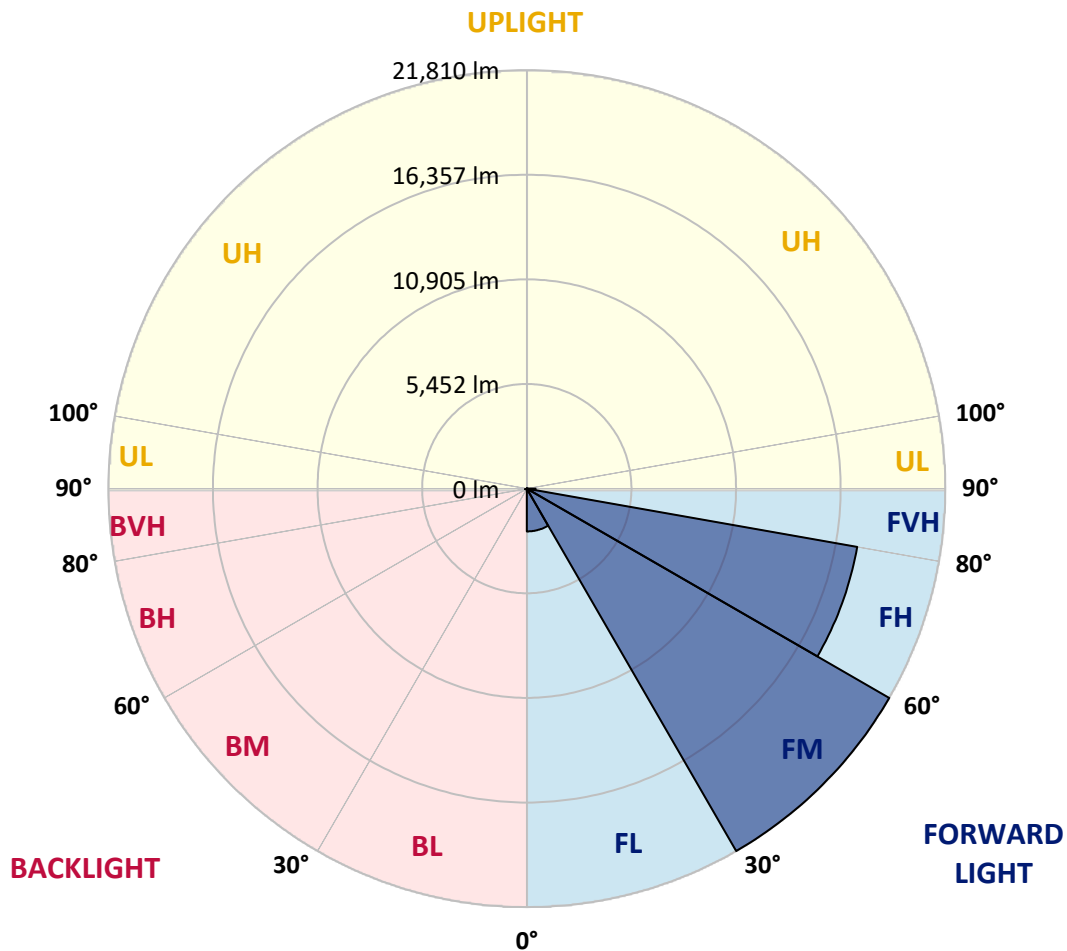
CATALOG NUMBER: GALN-SA8C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2230.2	5.3			
FM	(30°-60°)	21809.7	51.8			
FH	(60°-80°)	17483.2	41.5			G5
FVH	(80°-90°)	456.1	1.1			G3/500
BL	(0°-30°)	40.1	0.1	B0/110		
BM	(30°-60°)	36.9	0.1	B0/220		
BH	(60°-80°)	70.5	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	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 III Short



REPORT NUMBER: P1047403

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5
2.5°	330.6	341.6	330.6	330.6	330.6	319.6	319.6	308.5	308.5	297.5	286.5
5°	484.9	484.9	451.8	429.8	407.7	396.7	385.7	363.6	341.6	319.6	297.5
7.5°	1079.9	1079.9	980.7	848.5	672.2	573.0	551.0	451.8	385.7	341.6	297.5
10°	2578.6	2578.6	2358.2	1994.5	1542.7	1146.0	1024.8	650.2	462.8	363.6	308.5
12.5°	4286.6	4341.7	4066.2	3603.4	2931.2	2237.0	1994.5	1190.1	617.1	396.7	308.5
15°	5818.3	5686.1	5608.9	5168.2	4529.0	3702.6	3394.0	2005.6	892.6	451.8	308.5
17.5°	6854.1	6854.1	6743.9	6446.4	5862.4	5135.1	4881.6	3239.7	1443.6	517.9	319.6
20°	8066.3	8066.3	7867.9	7658.6	7140.6	6523.6	6281.1	4606.2	2237.0	661.2	319.6
22.5°	9531.9	9553.9	9333.5	8958.9	8463.0	7779.8	7570.4	5873.4	3239.7	881.6	330.6
25°	11317.0	11339.1	11019.5	10666.9	9906.5	9168.2	8848.7	7328.0	4462.9	1234.2	330.6
27.5°	13289.5	13443.8	12970.0	12363.9	11559.5	10633.8	10391.4	8639.3	5675.0	1741.1	352.6
30°	15746.9	15746.9	15118.8	14270.3	13399.7	12253.7	11945.2	10016.7	6964.3	2413.3	374.7
32.5°	17862.6	17697.3	16892.9	16000.3	15074.7	14005.8	13675.2	11460.3	8286.7	3250.8	418.7
35°	19482.5	19339.2	18347.5	17388.8	16584.4	15603.6	15206.9	13025.1	9686.2	4198.4	484.9
37.5°	20871.0	20815.9	19471.5	18270.4	17741.4	16881.9	16529.3	14501.7	11063.6	5223.2	562.0
40°	22391.7	22215.3	20782.8	19295.2	18501.8	17807.5	17488.0	15691.8	12385.9	6424.4	672.2
42.5°	23692.0	23482.6	22193.3	20738.7	19383.3	18446.7	18138.1	16694.6	13675.2	7625.5	815.4
45°	25135.5	25025.3	23725.0	22623.1	20815.9	19317.2	18909.5	17499.0	14854.3	9058.0	1002.8
47.5°	27306.4	27108.0	25895.9	24992.3	22898.5	20639.5	20055.5	18325.5	15989.3	10468.5	1289.3
50°	29829.8	29697.6	28981.3	28265.1	26182.4	22898.5	22204.3	19515.6	17256.6	12143.5	1663.9
52.5°	31890.5	31868.4	31956.6	31967.6	30391.8	26700.3	25664.4	21433.0	18711.1	13796.4	2192.9
55°	31846.4	31945.6	32915.3	34028.3	34149.5	31890.5	30887.7	24661.7	20606.5	15835.0	2931.2
57.5°	30656.3	30579.2	31604.0	33278.9	34458.0	34700.4	34535.2	29675.6	23460.5	18292.4	4066.2
58°	30270.6	30204.5	31174.2	32882.2	34237.6	34887.8	34722.5	30810.6	24099.7	18645.0	4374.7
60°	28871.1	28882.1	29455.2	31008.9	32364.3	33907.0	34061.3	34050.3	27284.3	21003.2	5928.5
62.5°	27019.8	26931.7	27460.6	28727.9	29918.0	30953.8	31218.3	34270.7	31945.6	24000.5	8892.7
65°	24463.3	24331.1	24893.1	26325.6	27603.9	28276.1	28287.1	31317.5	34138.5	27218.2	13124.2
67.5°	19713.9	19603.7	20727.7	22568.0	24540.5	25422.0	25818.7	27174.1	32287.2	29400.1	15548.5
70°	12077.4	12308.8	13873.6	16760.7	20132.7	21752.5	22347.6	22766.3	27493.7	29069.5	13003.0
72.5°	5575.9	5300.4	6633.7	8650.3	12496.1	16099.5	16716.6	18358.5	21796.6	25234.7	9697.2
75°	2600.6	2501.4	2810.0	3779.7	5664.0	8694.4	9818.4	14656.0	16716.6	17554.1	6997.4
77.5°	1333.4	1344.4	1597.8	1719.0	2336.1	4022.1	4617.2	9642.1	12253.7	9796.3	4694.3
80°	584.0	606.1	617.1	672.2	947.7	1553.8	1752.1	4473.9	8374.8	4991.8	2567.5
82.5°	374.7	385.7	385.7	385.7	451.8	617.1	705.2	1796.2	4176.4	2479.4	793.4
85°	198.4	198.4	220.4	275.5	319.6	374.7	396.7	573.0	1377.4	738.3	187.3
87.5°	110.2	121.2	132.2	165.3	209.4	253.4	275.5	396.7	528.9	506.9	44.1
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: P1047403

CATALOG NUMBER: GALN-SA8C-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5	275.5
2.5°	286.5	275.5	264.5	253.4	242.4	231.4	231.4	231.4	231.4	231.4	231.4
5°	275.5	264.5	253.4	231.4	209.4	198.4	187.3	176.3	176.3	176.3	176.3
7.5°	275.5	264.5	231.4	209.4	187.3	165.3	143.3	143.3	143.3	143.3	143.3
10°	275.5	253.4	220.4	187.3	154.3	132.2	121.2	110.2	110.2	110.2	110.2
12.5°	275.5	242.4	209.4	165.3	132.2	110.2	99.2	88.2	88.2	88.2	88.2
15°	275.5	242.4	198.4	154.3	121.2	88.2	77.1	66.1	66.1	66.1	66.1
17.5°	264.5	231.4	187.3	132.2	99.2	66.1	55.1	44.1	44.1	55.1	55.1
20°	253.4	220.4	165.3	110.2	77.1	55.1	33.1	33.1	33.1	33.1	33.1
22.5°	253.4	220.4	154.3	99.2	66.1	33.1	22.0	22.0	22.0	22.0	33.1
25°	253.4	209.4	132.2	77.1	44.1	22.0	11.0	11.0	11.0	11.0	11.0
27.5°	253.4	209.4	121.2	66.1	33.1	22.0	11.0	0.0	0.0	0.0	0.0
30°	242.4	198.4	110.2	55.1	22.0	11.0	0.0	0.0	0.0	0.0	0.0
32.5°	242.4	187.3	88.2	44.1	22.0	11.0	0.0	0.0	0.0	0.0	0.0
35°	253.4	176.3	77.1	33.1	11.0	0.0	0.0	0.0	0.0	0.0	11.0
37.5°	264.5	165.3	66.1	22.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	275.5	154.3	66.1	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	297.5	154.3	55.1	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	319.6	154.3	44.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	363.6	165.3	44.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	396.7	176.3	33.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	440.8	165.3	33.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	495.9	165.3	33.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	540.0	154.3	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	562.0	143.3	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	672.2	132.2	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1046.9	110.2	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2126.8	99.2	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3967.0	88.2	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4440.9	99.2	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2799.0	77.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1476.6	77.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	738.3	77.1	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	341.6	55.1	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	143.3	33.1	22.0	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	66.1	33.1	22.0	22.0	11.0	11.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.1	33.1	33.1	22.0	22.0	11.0	11.0	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

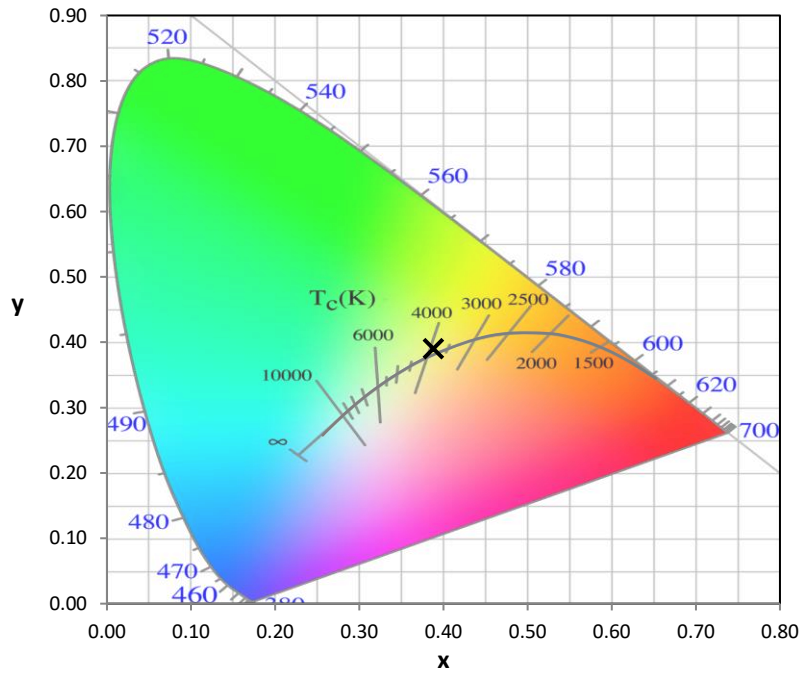
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

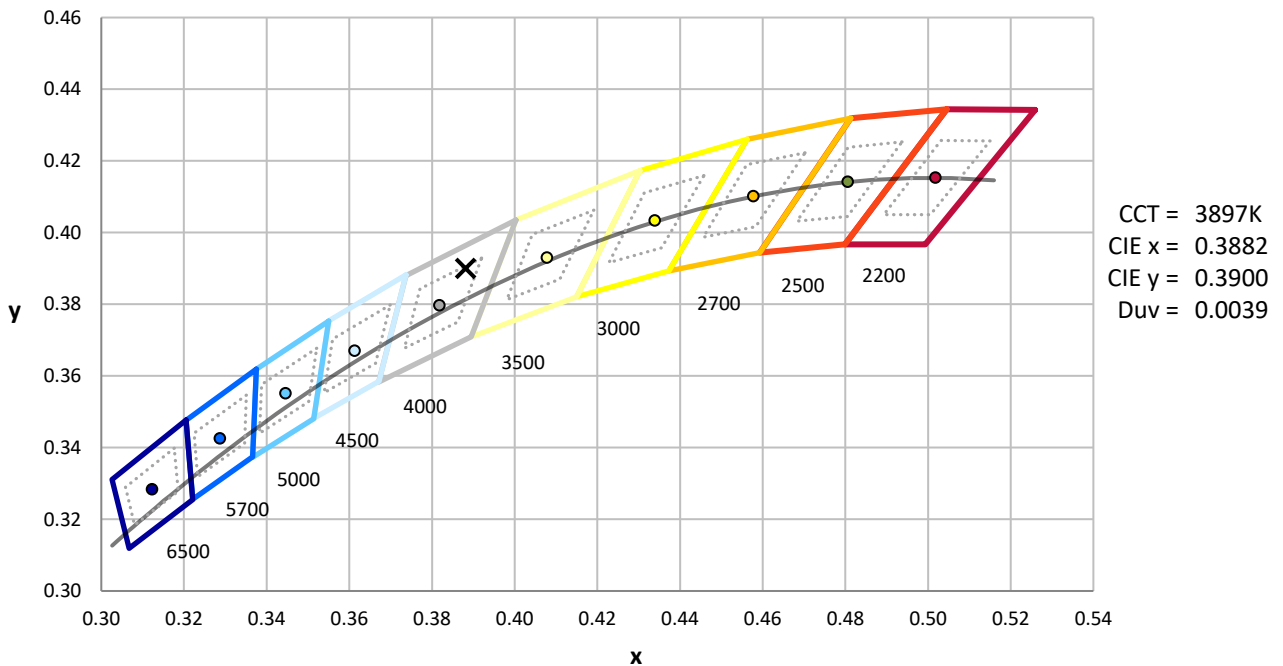
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

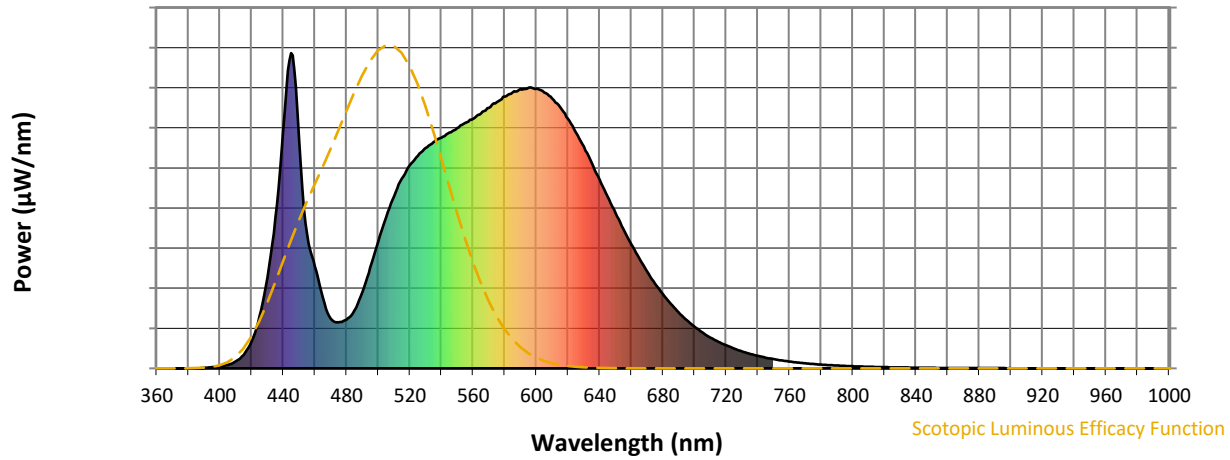


Photopic Lumens: NR

λ (nm)	Power W [^] /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			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.06

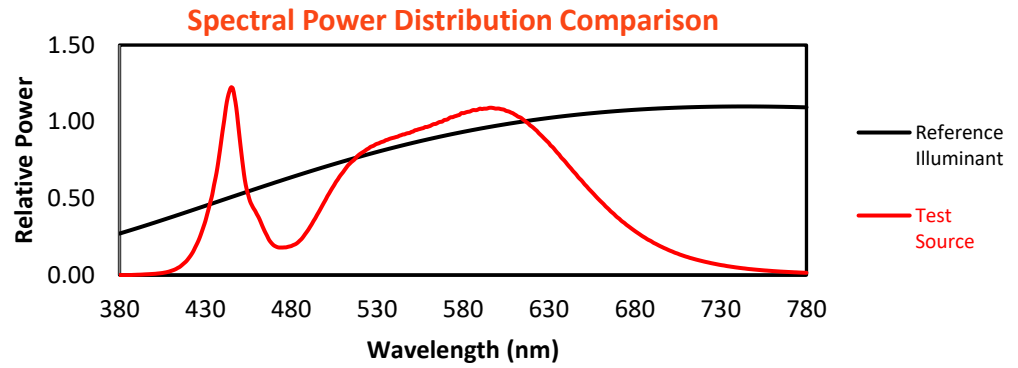
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792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

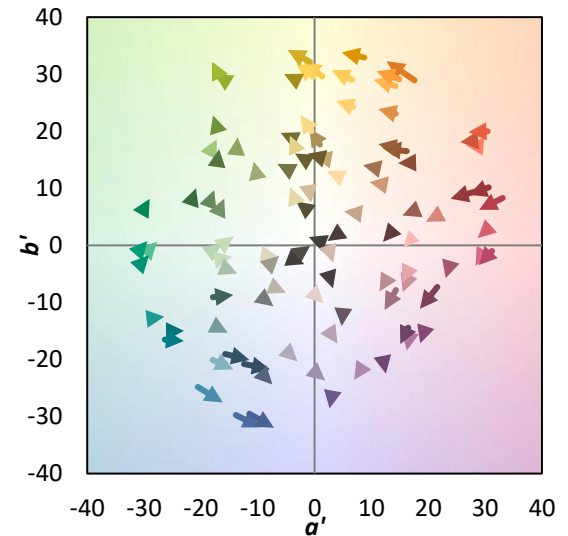
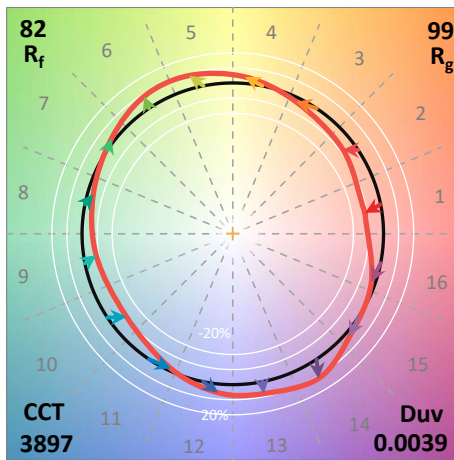
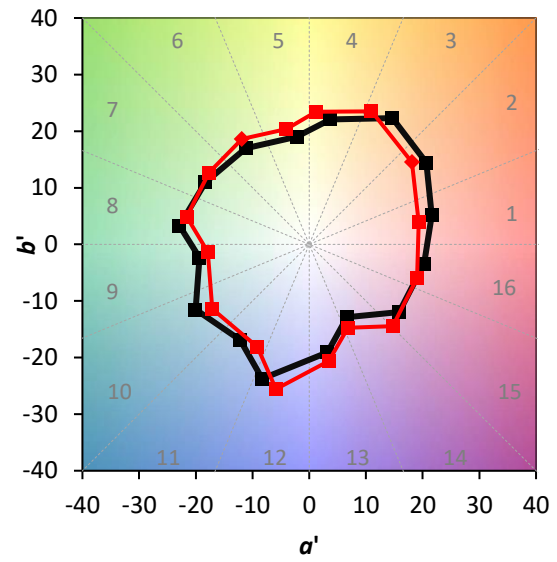
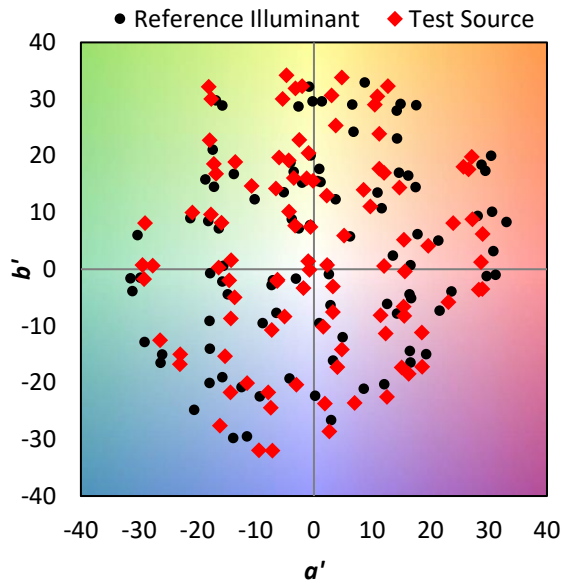
TM-30-18

Summary

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

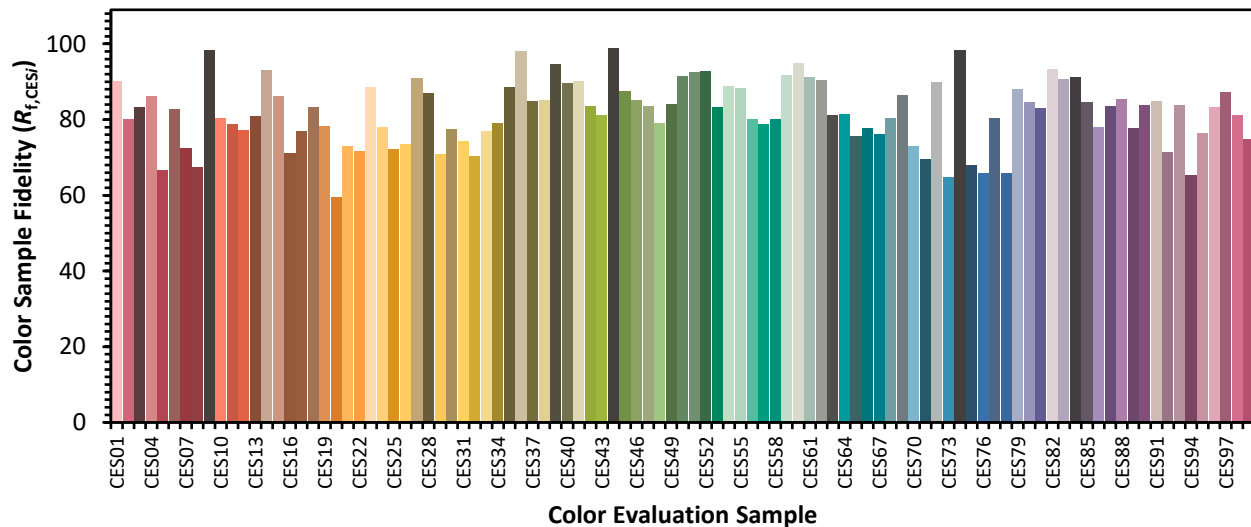


Color Vector Graphics

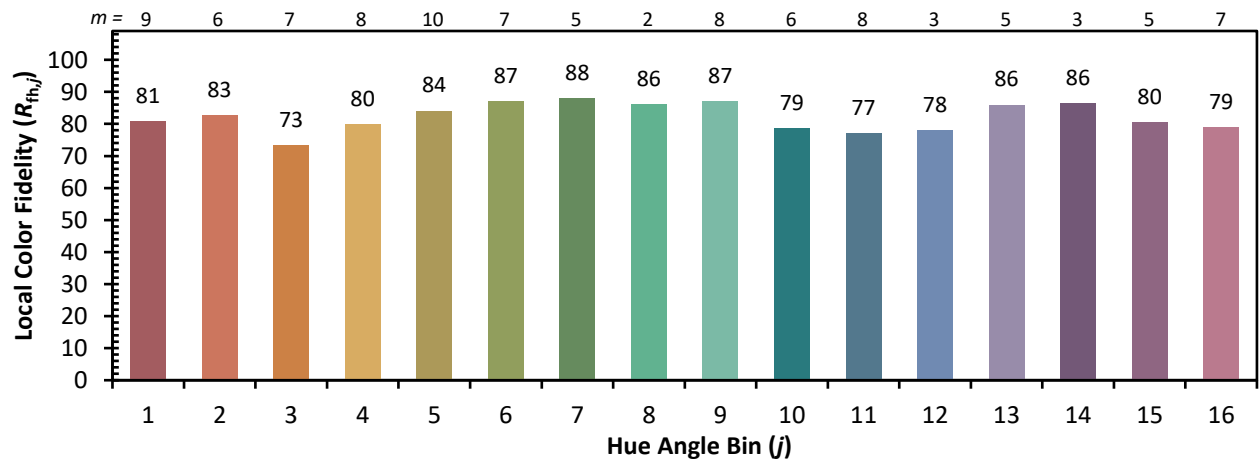
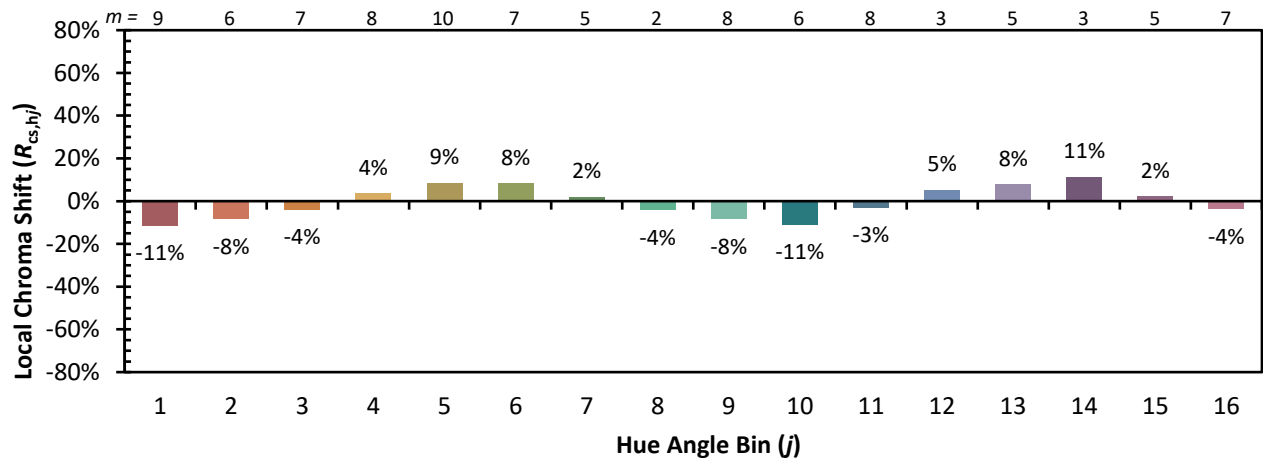


Individual Sample Fidelity Index ($R_{f,i}$)

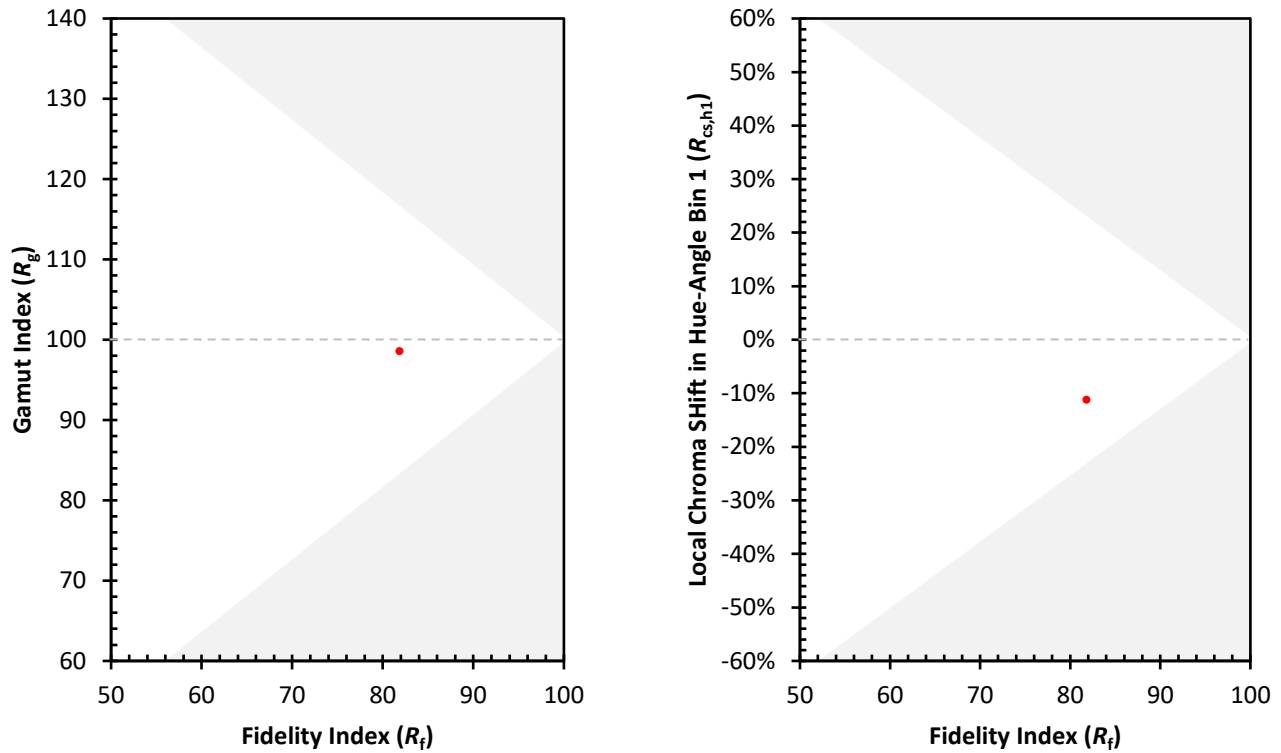
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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