

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: P1047407

Luminaire Tested: **GALN-SA9C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047407
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47116.5 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): 417.1
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

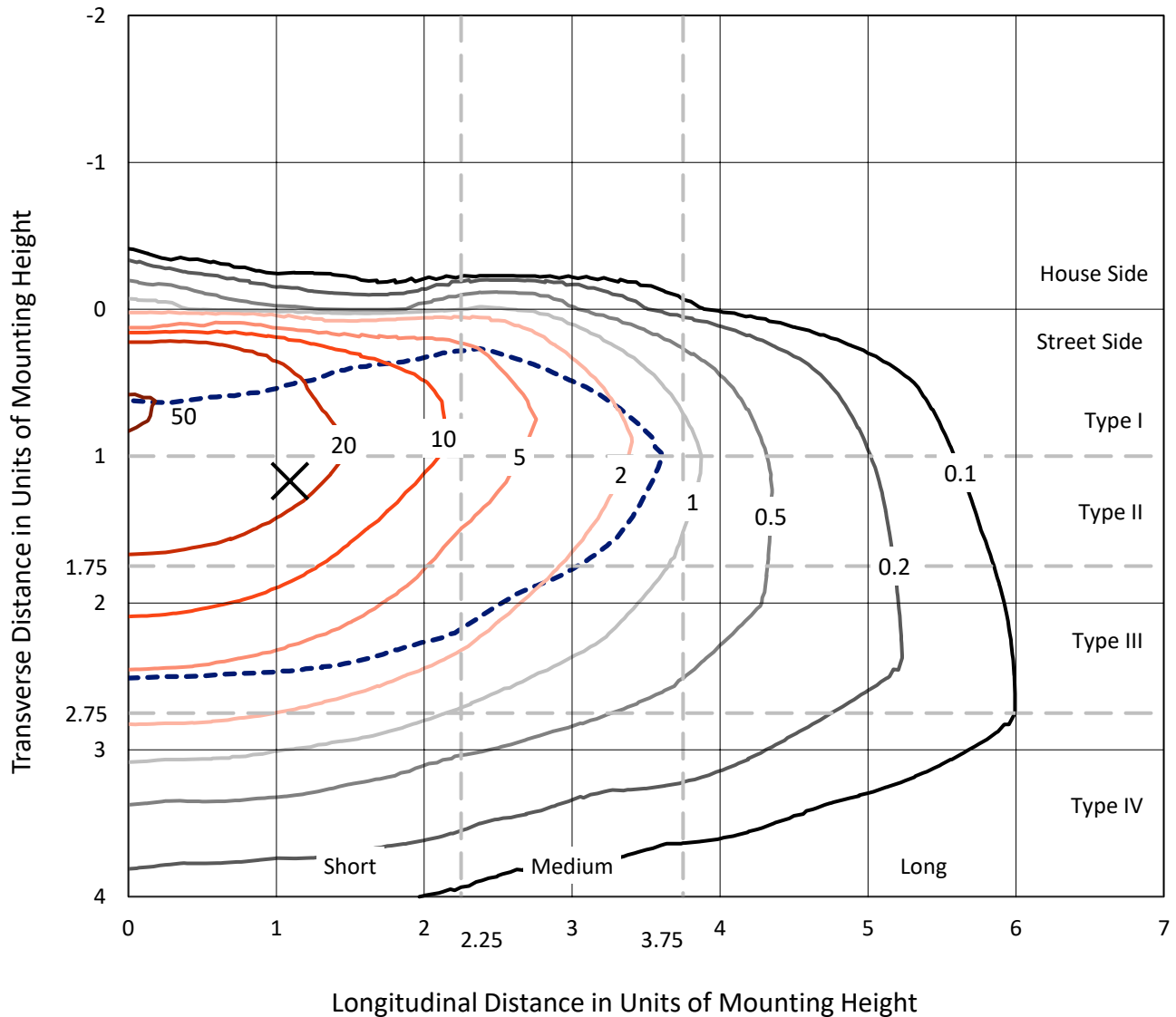


REPORT NUMBER: P1047407

CATALOG NUMBER: GALN-SA9C-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

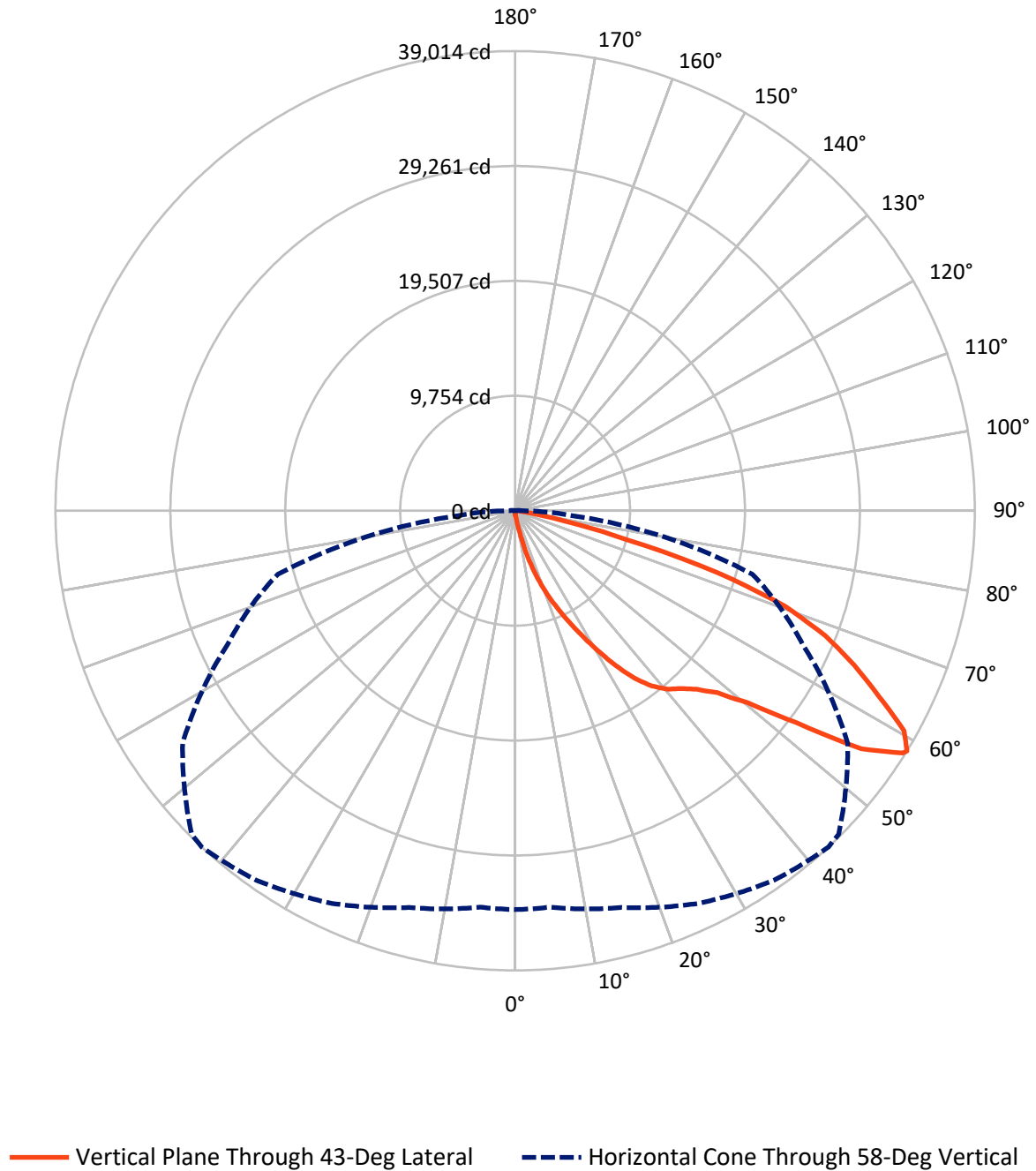


Based on 15 foot mounting height. Maximum calculated value = 52.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047407

CATALOG NUMBER: GALN-SA9C-840-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047407

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	172.0	0.0	172.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	46944.5	0.0	46944.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	47116.5	0.0	47116.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.1	0.1
10°-20°	541.6	1.1
20°-30°	1952.1	4.1
30°-40°	4466.3	9.5
40°-50°	7533.0	16.0
50°-60°	12431.2	26.4
60°-70°	13893.6	29.5
70°-80°	5736.4	12.2
80°-90°	517.1	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°	47116.5	100.0
0°-180°	47116.5	100.0



REPORT NUMBER: P1047407

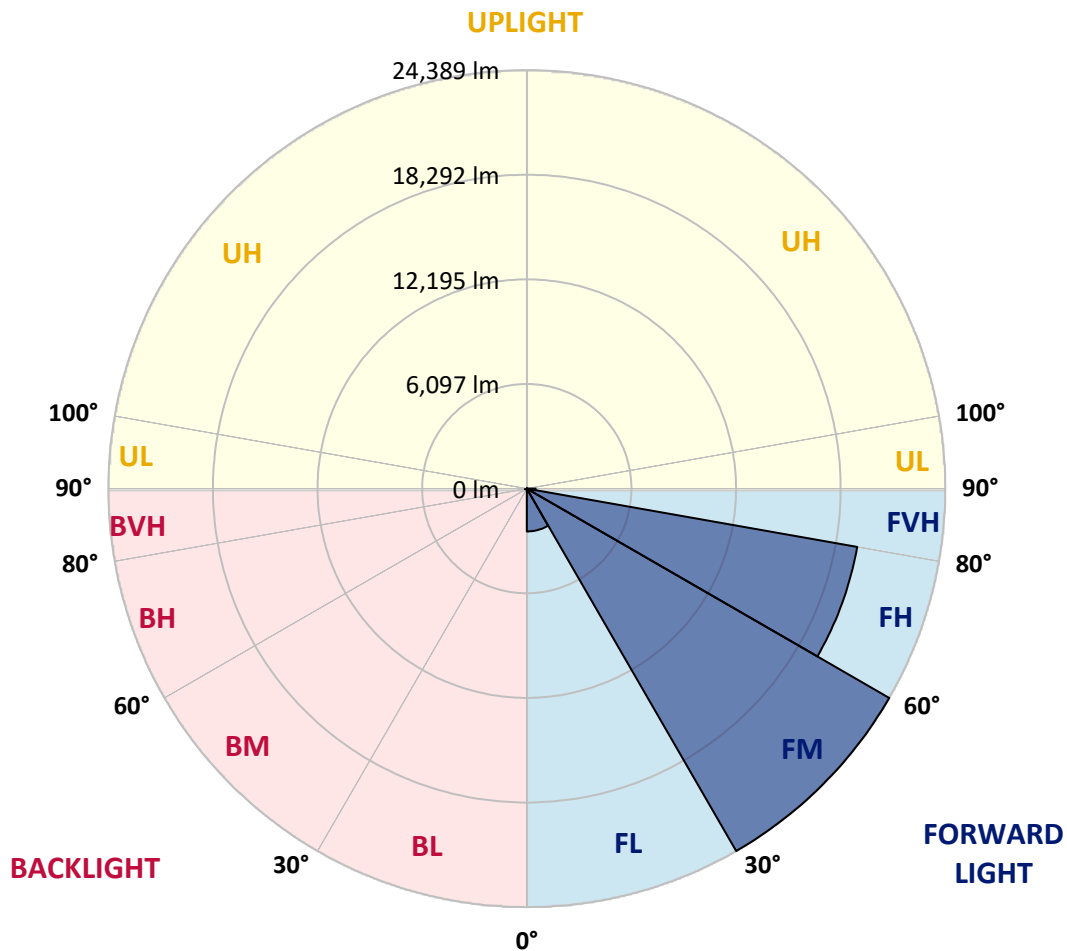
CATALOG NUMBER: GALN-SA9C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2494.0	5.3			
FM	(30°-60°)	24389.3	51.8			
FH	(60°-80°)	19551.2	41.5			G5
FVH	(80°-90°)	510.0	1.1			G4/750
BL	(0°-30°)	44.9	0.1	B0/110		
BM	(30°-60°)	41.2	0.1	B0/220		
BH	(60°-80°)	78.8	0.2	B0/110		G0/110
BVH	(80°-90°)	7.1	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: P1047407

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1
2.5°	369.7	382.0	369.7	369.7	369.7	357.4	357.4	345.0	345.0	332.7	320.4
5°	542.2	542.2	505.2	480.6	455.9	443.6	431.3	406.7	382.0	357.4	332.7
7.5°	1207.6	1207.6	1096.7	948.9	751.7	640.8	616.1	505.2	431.3	382.0	332.7
10°	2883.6	2883.6	2637.1	2230.4	1725.2	1281.6	1146.0	727.1	517.6	406.7	345.0
12.5°	4793.6	4855.2	4547.2	4029.6	3277.9	2501.6	2230.4	1330.9	690.1	443.6	345.0
15°	6506.5	6358.6	6272.4	5779.4	5064.7	4140.5	3795.5	2242.8	998.2	505.2	345.0
17.5°	7664.8	7664.8	7541.6	7208.9	6555.8	5742.5	5459.0	3622.9	1614.3	579.2	357.4
20°	9020.4	9020.4	8798.6	8564.4	7985.2	7295.2	7024.1	5151.0	2501.6	739.4	357.4
22.5°	10659.3	10684.0	10437.5	10018.5	9464.0	8700.0	8465.8	6568.1	3622.9	985.8	369.7
25°	12655.6	12680.3	12322.9	11928.6	11078.3	10252.7	9895.3	8194.7	4990.8	1380.2	369.7
27.5°	14861.4	15034.0	14504.1	13826.3	12926.7	11891.6	11620.5	9661.2	6346.3	1947.0	394.3
30°	17609.4	17609.4	16907.0	15958.2	14984.7	13703.1	13358.0	11201.5	7788.1	2698.7	419.0
32.5°	19975.4	19790.6	18891.0	17892.9	16857.7	15662.4	15292.7	12815.8	9266.8	3635.3	468.3
35°	21786.9	21626.7	20517.6	19445.6	18546.0	17449.2	17005.6	14565.7	10831.8	4695.0	542.2
37.5°	23339.6	23278.0	21774.6	20431.4	19839.9	18878.7	18484.4	16216.9	12372.2	5841.1	628.5
40°	25040.2	24843.0	23241.0	21577.4	20690.2	19913.8	19556.5	17547.8	13851.0	7184.3	751.7
42.5°	26494.3	26260.1	24818.3	23191.7	21676.0	20628.6	20283.5	18669.2	15292.7	8527.5	911.9
45°	28108.6	27985.3	26531.2	25298.9	23278.0	21602.1	21146.1	19568.8	16611.3	10129.4	1121.4
47.5°	30536.2	30314.4	28958.8	27948.4	25607.0	23080.8	22427.7	20493.0	17880.5	11706.8	1441.8
50°	33358.1	33210.2	32409.3	31608.3	29279.2	25607.0	24830.7	21823.9	19297.7	13579.8	1860.8
52.5°	35662.5	35637.9	35736.4	35748.8	33986.6	29858.4	28700.1	23968.1	20924.3	15428.3	2452.3
55°	35613.2	35724.1	36808.5	38053.1	38188.7	35662.5	34541.1	27578.7	23043.8	17708.0	3277.9
57.5°	34282.3	34196.1	35342.1	37215.2	38533.7	38804.8	38620.0	33185.6	26235.5	20456.0	4547.2
58°	33851.0	33777.1	34861.5	36771.6	38287.3	39014.3	38829.5	34454.9	26950.2	20850.4	4892.2
60°	32286.0	32298.3	32939.1	34676.7	36192.4	37917.6	38090.1	38077.8	30511.5	23487.5	6629.7
62.5°	30215.8	30117.2	30708.7	32125.8	33456.7	34615.1	34910.8	38324.2	35724.1	26839.3	9944.6
65°	27356.9	27209.0	27837.5	29439.4	30868.9	31620.6	31632.9	35021.7	38176.4	30437.6	14676.6
67.5°	22045.7	21922.5	23179.4	25237.3	27443.1	28429.0	28872.6	30388.3	36106.1	32877.5	17387.6
70°	13505.9	13764.7	15514.5	18743.1	22514.0	24325.4	24990.9	25459.1	30745.7	32507.8	14541.0
72.5°	6235.4	5927.3	7418.4	9673.5	13974.2	18003.8	18693.9	20530.0	24374.7	28219.5	10844.2
75°	2908.2	2797.3	3142.3	4226.8	6334.0	9722.8	10979.7	16389.5	18693.9	19630.4	7825.0
77.5°	1491.1	1503.4	1786.8	1922.4	2612.5	4497.9	5163.3	10782.5	13703.1	10955.1	5249.6
80°	653.1	677.8	690.1	751.7	1059.8	1737.5	1959.3	5003.1	9365.4	5582.3	2871.2
82.5°	419.0	431.3	431.3	431.3	505.2	690.1	788.7	2008.6	4670.4	2772.7	887.2
85°	221.8	221.8	246.5	308.1	357.4	419.0	443.6	640.8	1540.4	825.6	209.5
87.5°	123.2	135.6	147.9	184.8	234.1	283.4	308.1	443.6	591.5	566.9	49.3
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: P1047407

CATALOG NUMBER: GALN-SA9C-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1	308.1
2.5°	320.4	308.1	295.7	283.4	271.1	258.8	258.8	258.8	258.8	258.8	258.8
5°	308.1	295.7	283.4	258.8	234.1	221.8	209.5	197.2	197.2	197.2	197.2
7.5°	308.1	295.7	258.8	234.1	209.5	184.8	160.2	160.2	160.2	160.2	160.2
10°	308.1	283.4	246.5	209.5	172.5	147.9	135.6	123.2	123.2	123.2	123.2
12.5°	308.1	271.1	234.1	184.8	147.9	123.2	110.9	98.6	98.6	98.6	98.6
15°	308.1	271.1	221.8	172.5	135.6	98.6	86.3	73.9	73.9	73.9	73.9
17.5°	295.7	258.8	209.5	147.9	110.9	73.9	61.6	49.3	49.3	61.6	61.6
20°	283.4	246.5	184.8	123.2	86.3	61.6	37.0	37.0	37.0	37.0	37.0
22.5°	283.4	246.5	172.5	110.9	73.9	37.0	24.6	24.6	24.6	24.6	37.0
25°	283.4	234.1	147.9	86.3	49.3	24.6	12.3	12.3	12.3	12.3	12.3
27.5°	283.4	234.1	135.6	73.9	37.0	24.6	12.3	0.0	0.0	0.0	0.0
30°	271.1	221.8	123.2	61.6	24.6	12.3	0.0	0.0	0.0	0.0	0.0
32.5°	271.1	209.5	98.6	49.3	24.6	12.3	0.0	0.0	0.0	0.0	0.0
35°	283.4	197.2	86.3	37.0	12.3	0.0	0.0	0.0	0.0	0.0	12.3
37.5°	295.7	184.8	73.9	24.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	308.1	172.5	73.9	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	332.7	172.5	61.6	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	357.4	172.5	49.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	406.7	184.8	49.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	443.6	197.2	37.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	492.9	184.8	37.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	554.5	184.8	37.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	603.8	172.5	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	628.5	160.2	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	751.7	147.9	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1170.7	123.2	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2378.3	110.9	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4436.2	98.6	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4966.1	110.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3130.0	86.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1651.3	86.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	825.6	86.3	12.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	382.0	61.6	12.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	160.2	37.0	24.6	12.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	73.9	37.0	24.6	24.6	12.3	12.3	0.0	0.0	0.0	0.0	0.0
87.5°	37.0	37.0	37.0	24.6	24.6	12.3	12.3	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

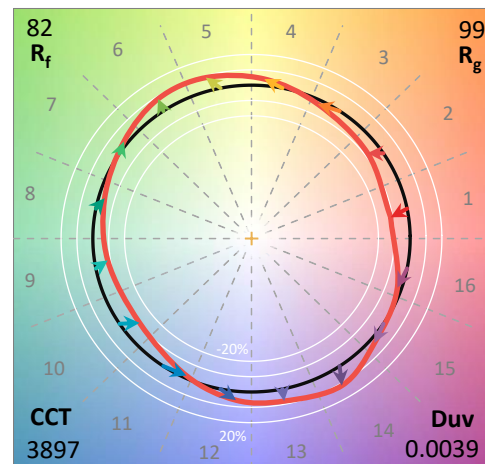
Test Information

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

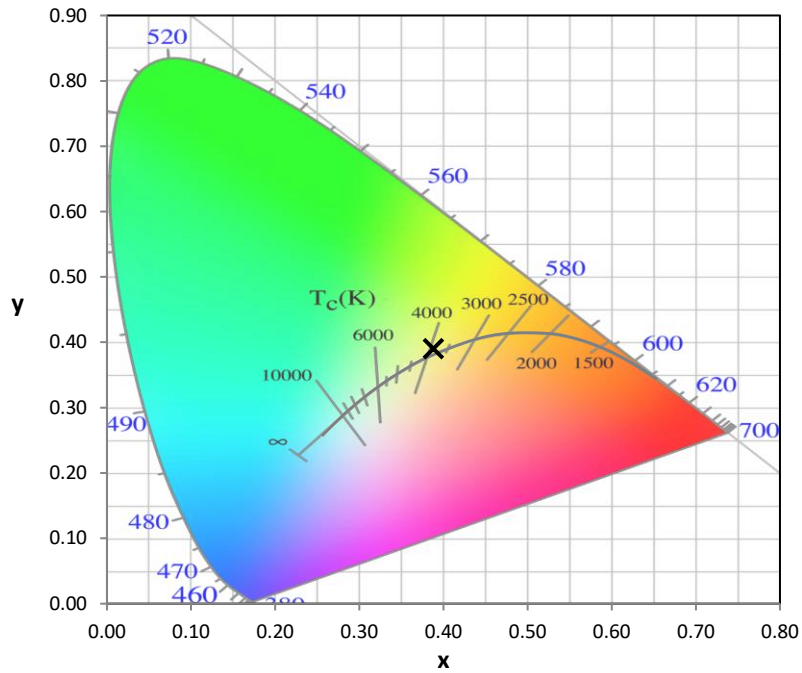
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

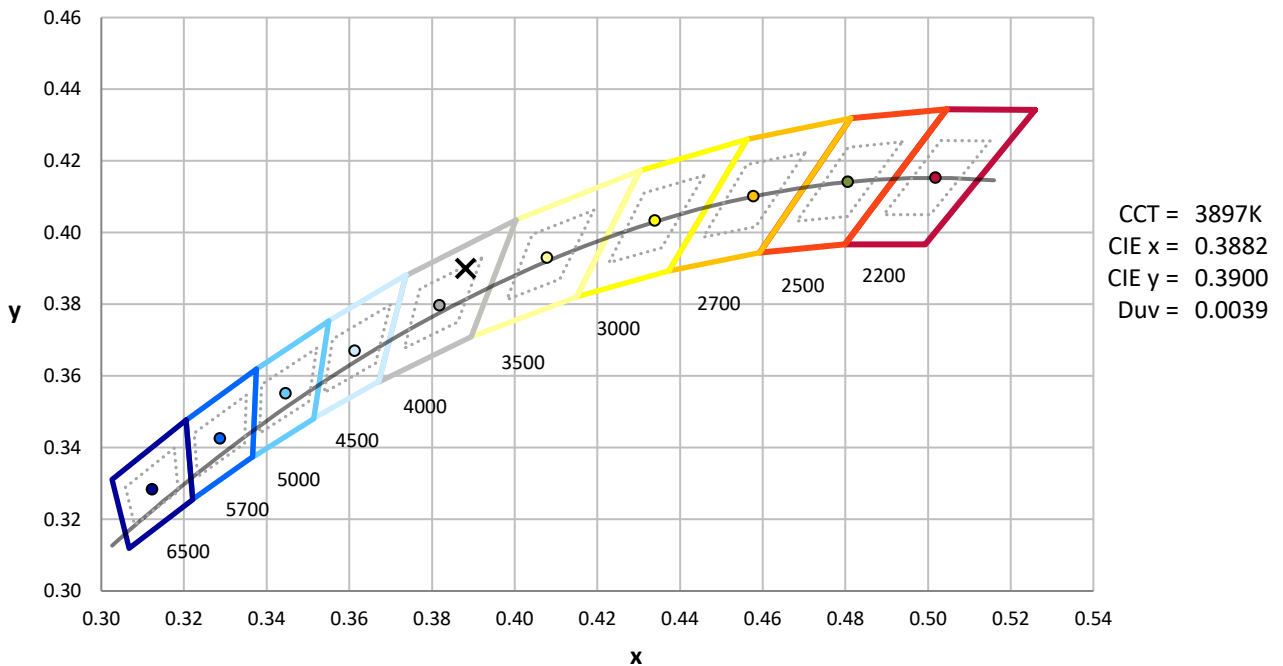
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



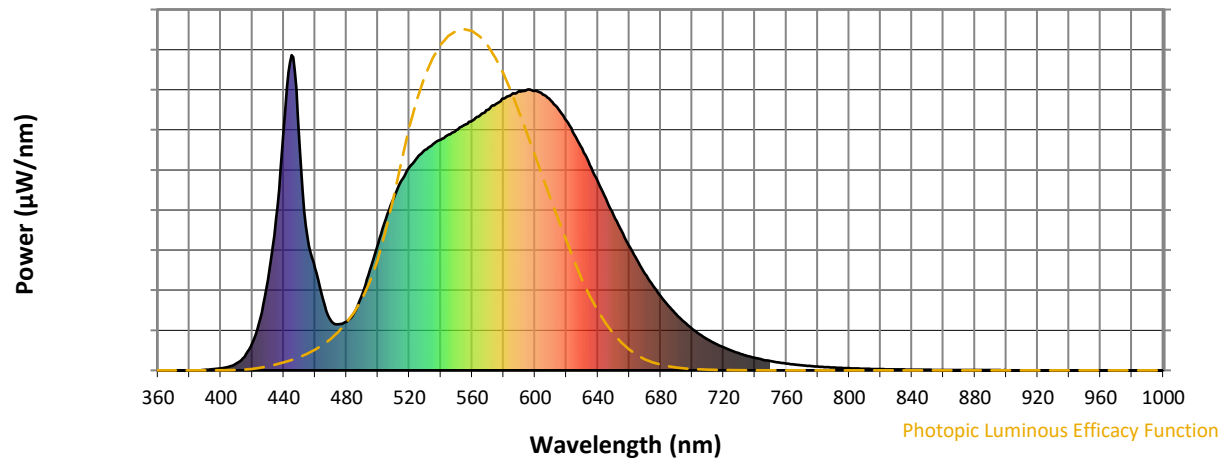
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

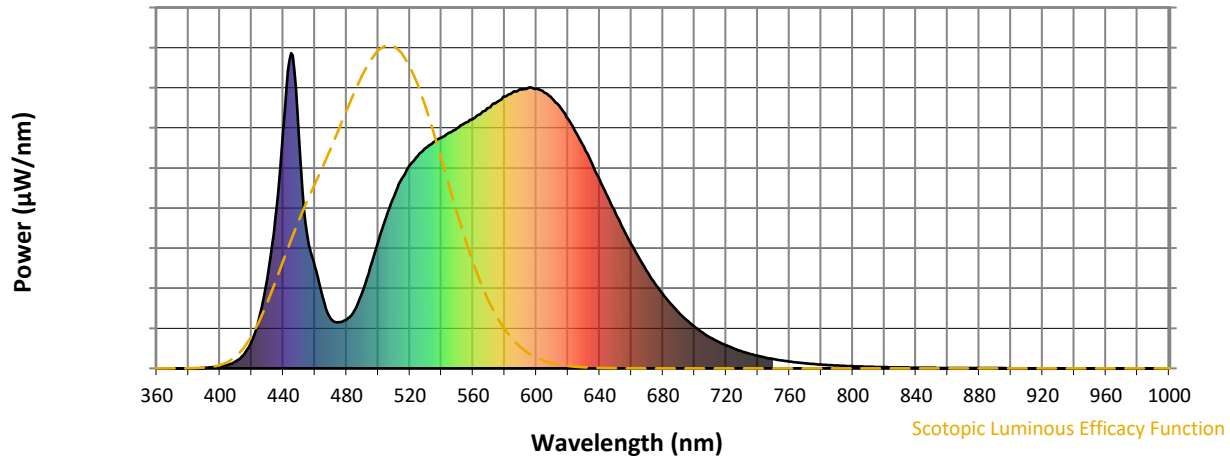


Photopic Lumens: NR

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



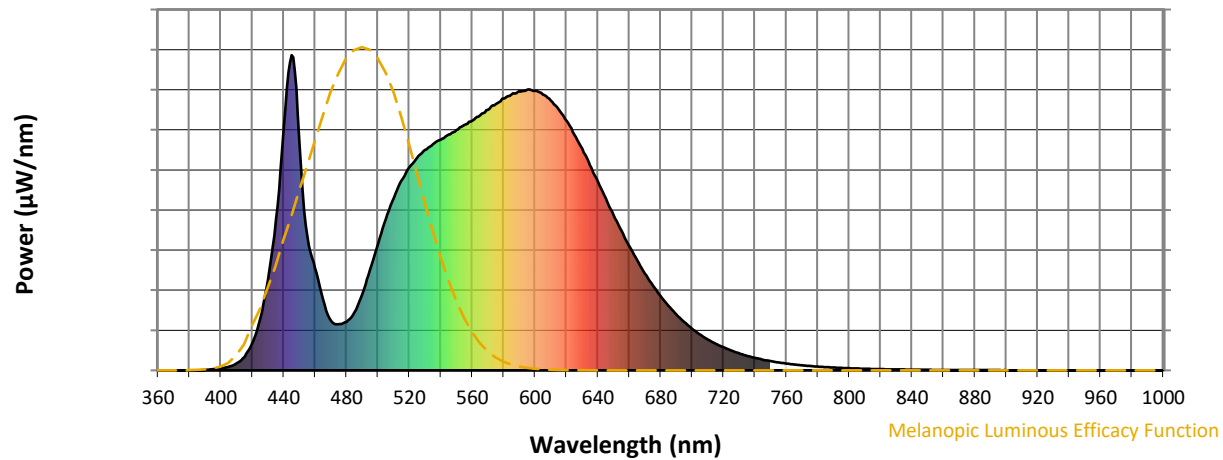
Scotopic Lumens: NR

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

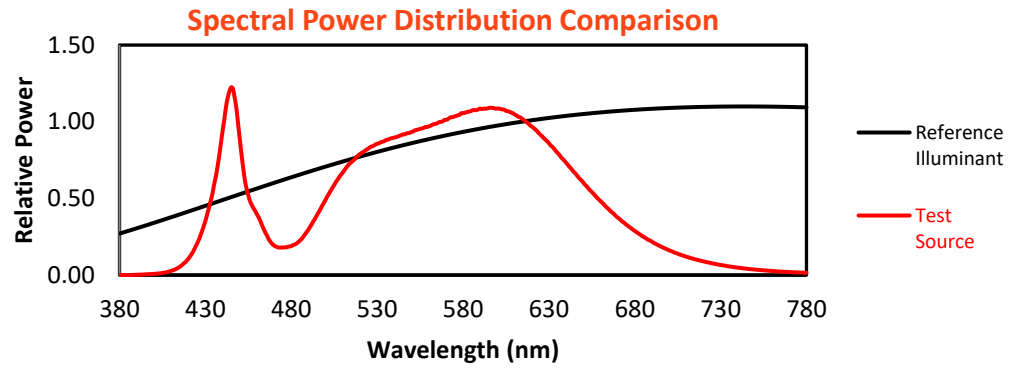
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	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

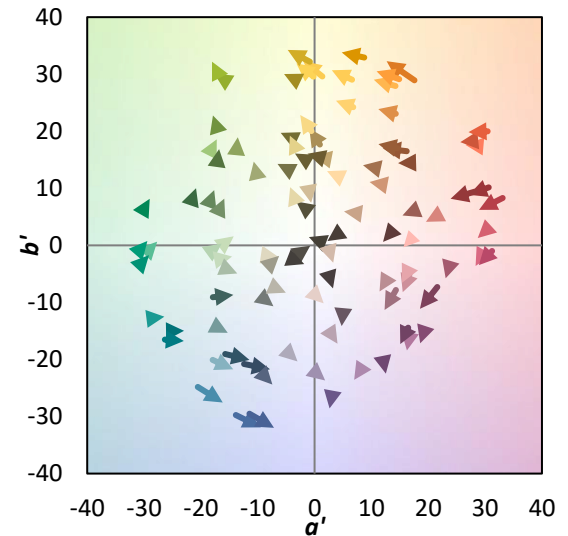
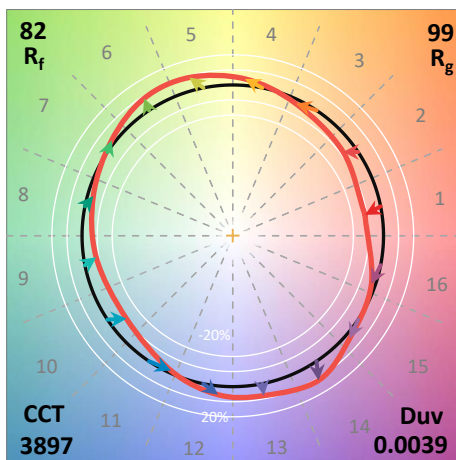
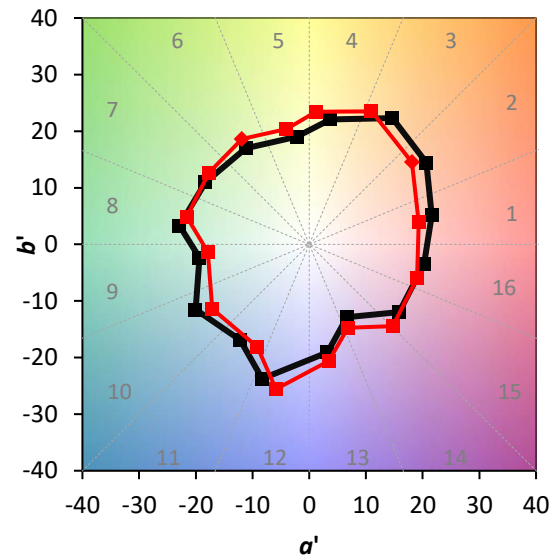
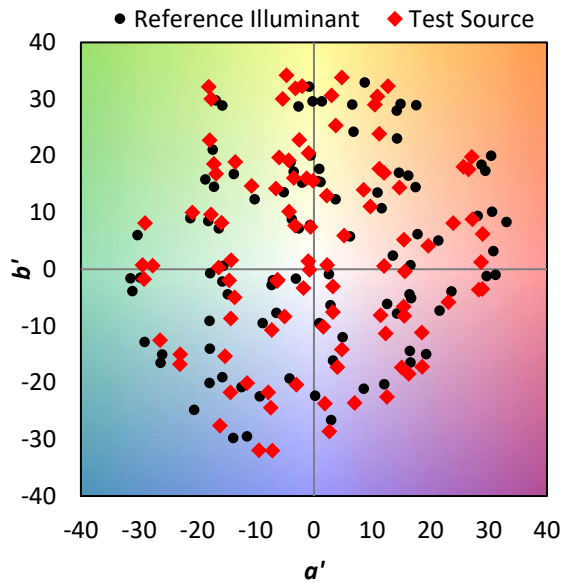
TM-30-18

Summary

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

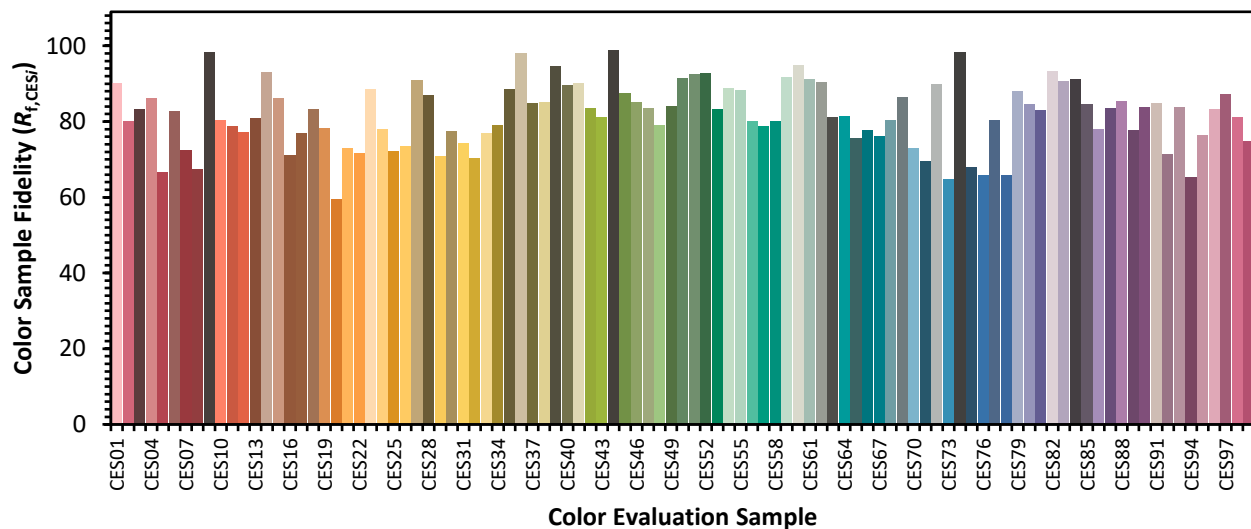


Color Vector Graphics

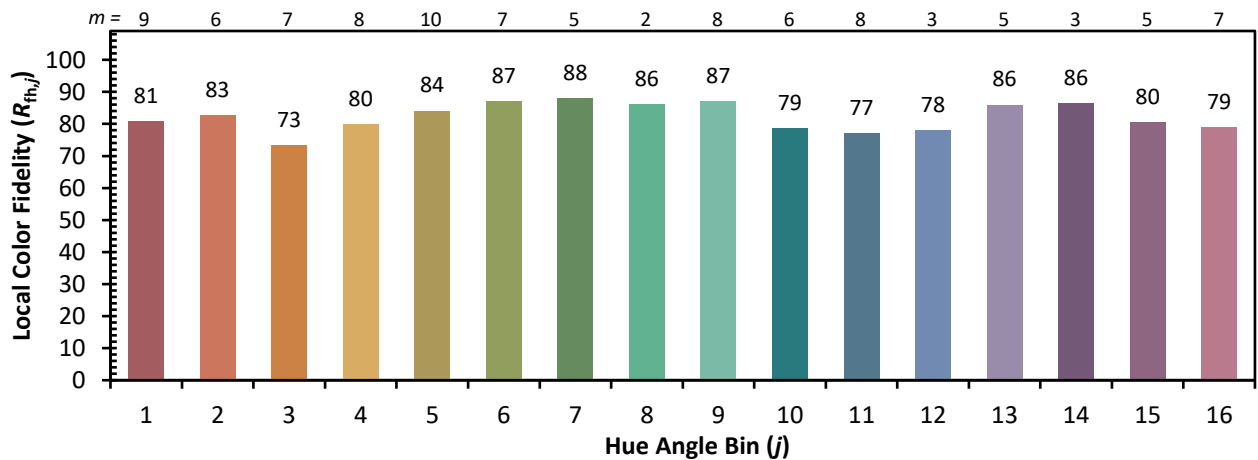
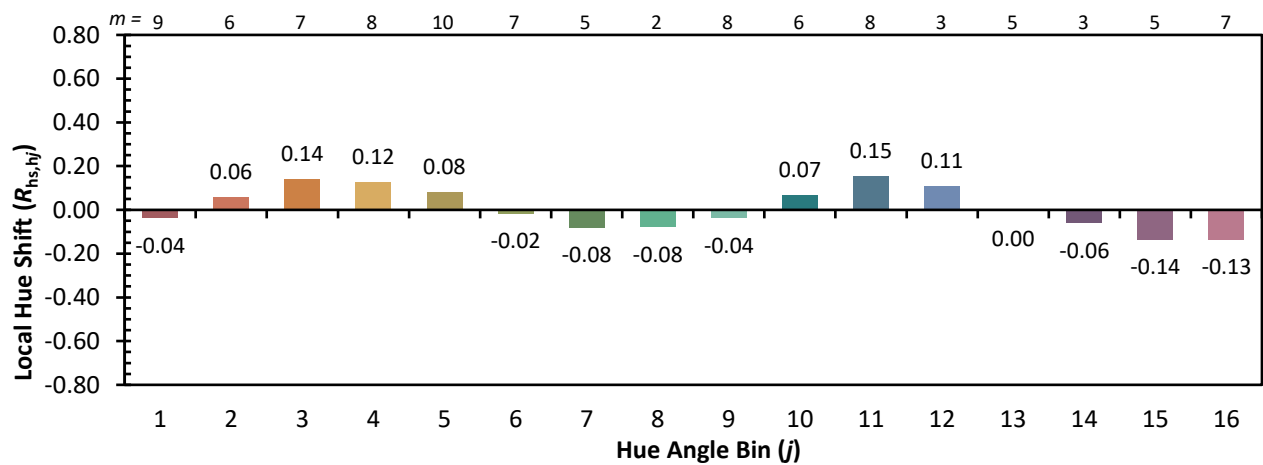
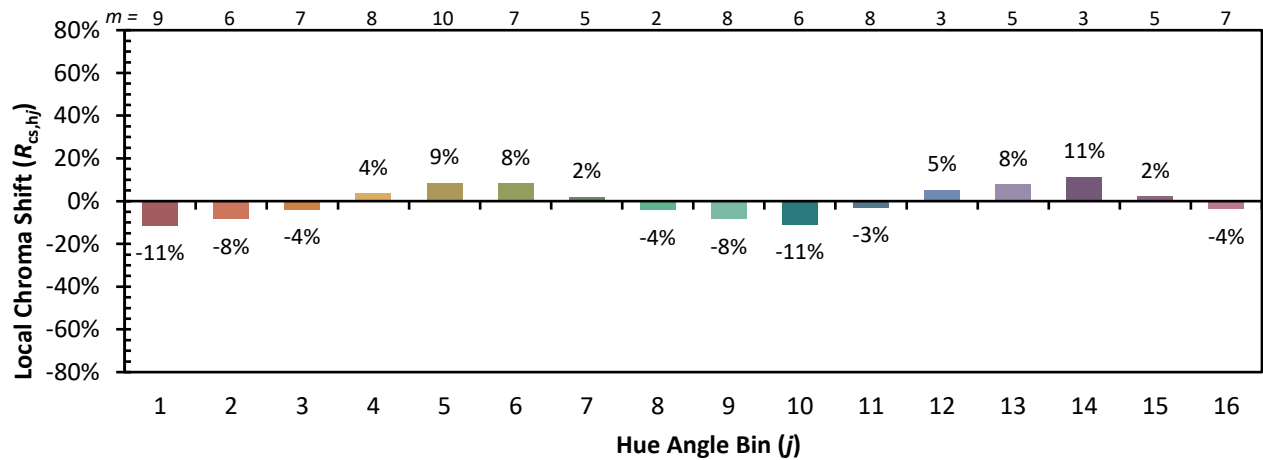


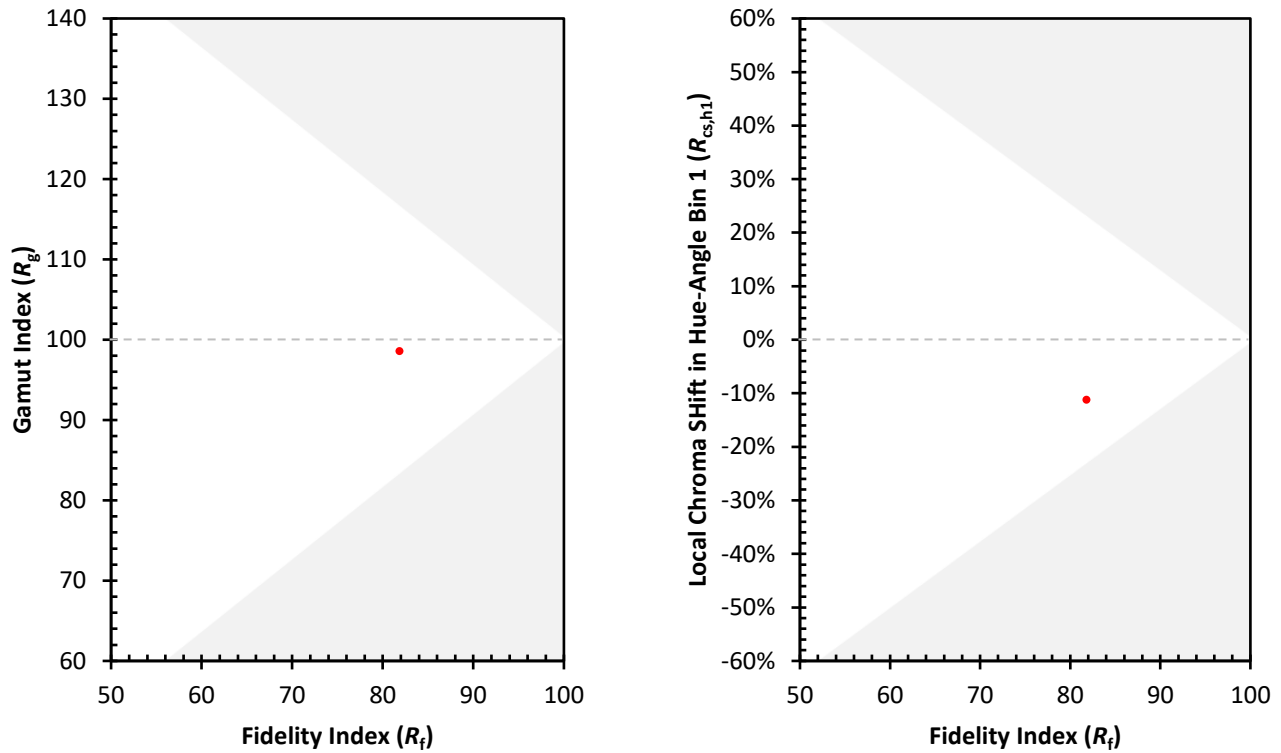
Individual Sample Fidelity Index ($R_{f,i}$)

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)