

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: P1048021

Luminaire Tested: **GALN-SA1A-850-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048021
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-850-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3316.5 lumens
Efficiency: N/A
Efficacy: 114.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - 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

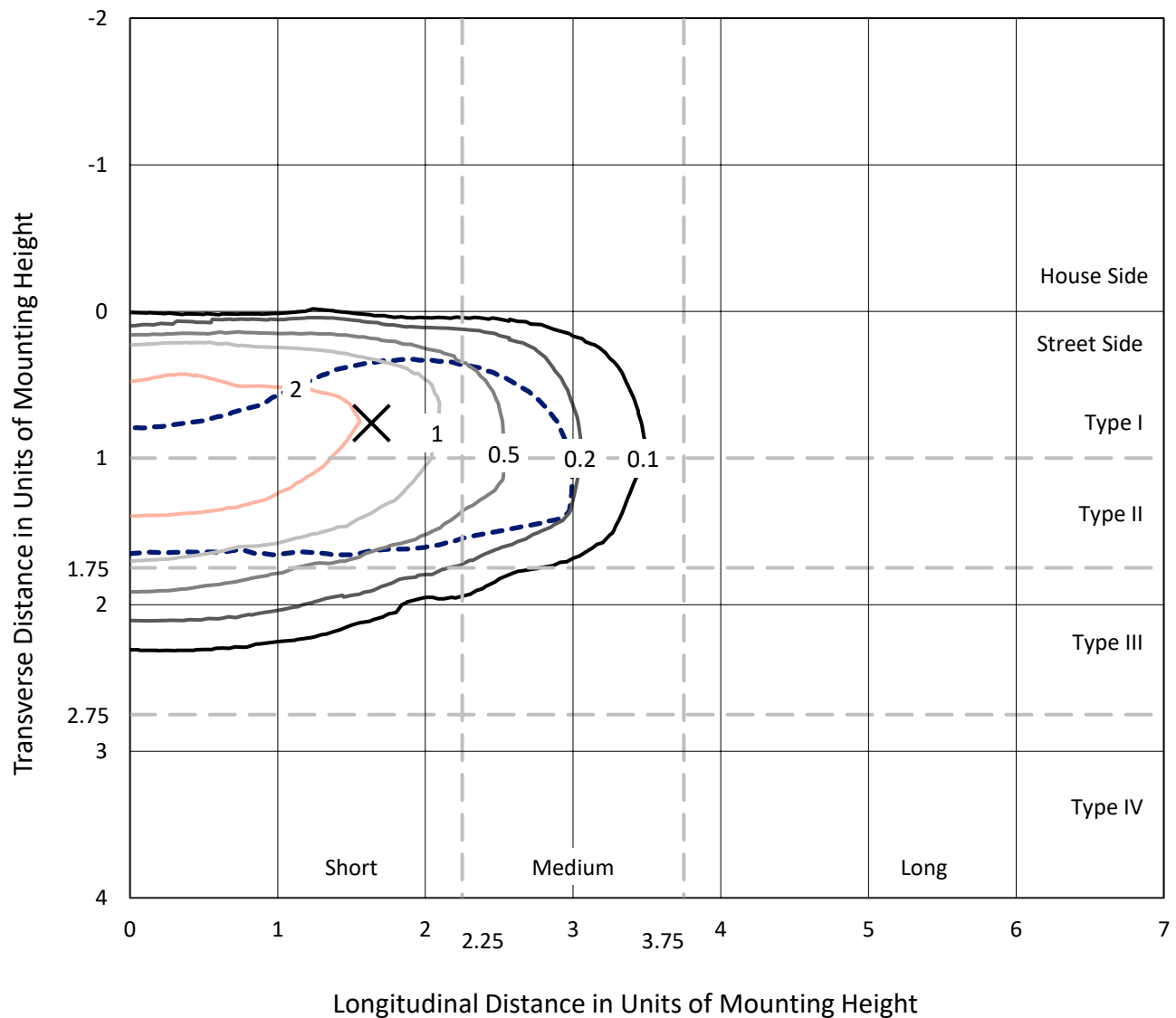


REPORT NUMBER: P1048021

CATALOG NUMBER: GALN-SA1A-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

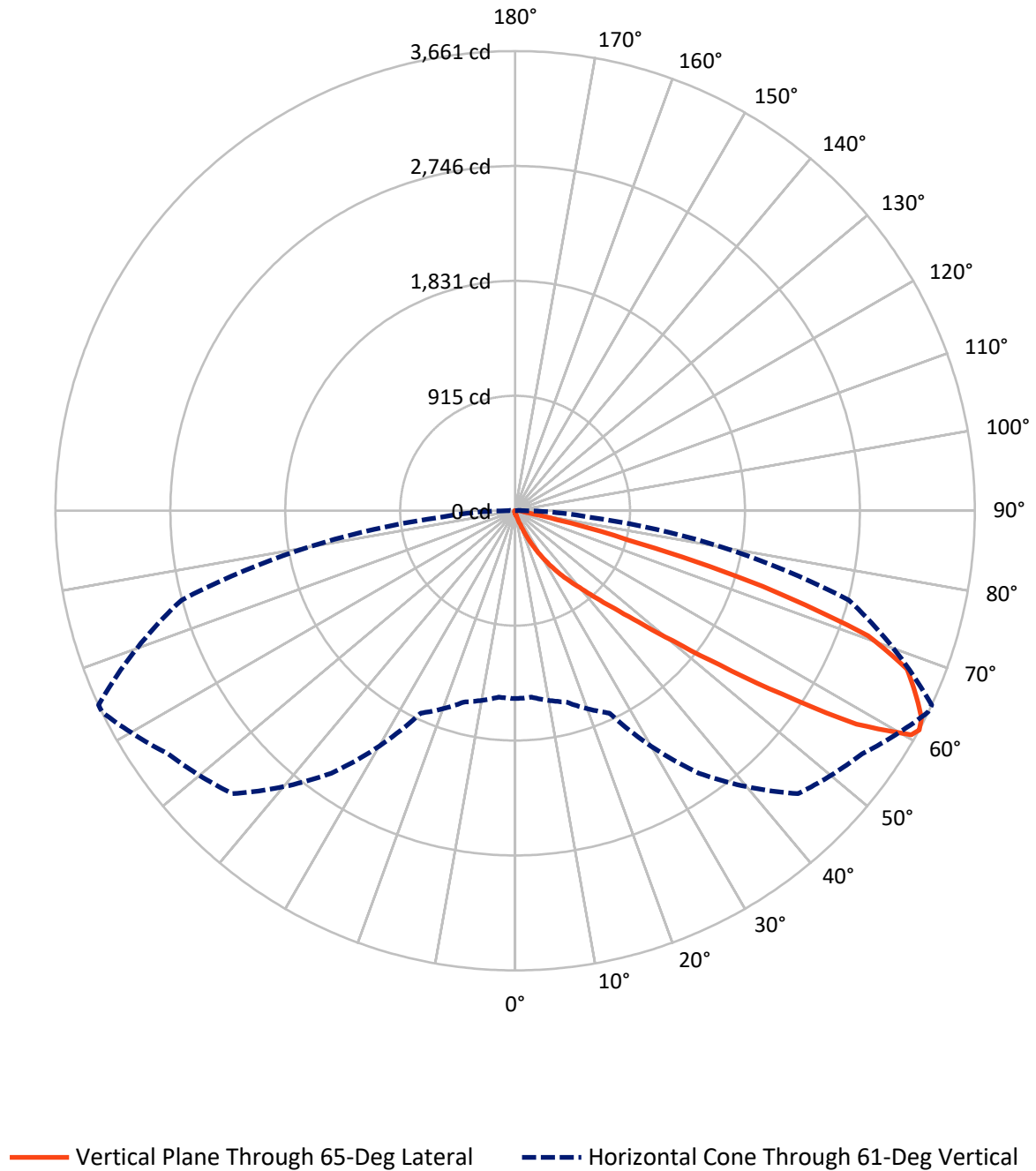


Based on 15 foot mounting height. Maximum calculated value = 4.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1048021

CATALOG NUMBER: GALN-SA1A-850-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048021

CATALOG NUMBER: GALN-SA1A-850-U-T2BC

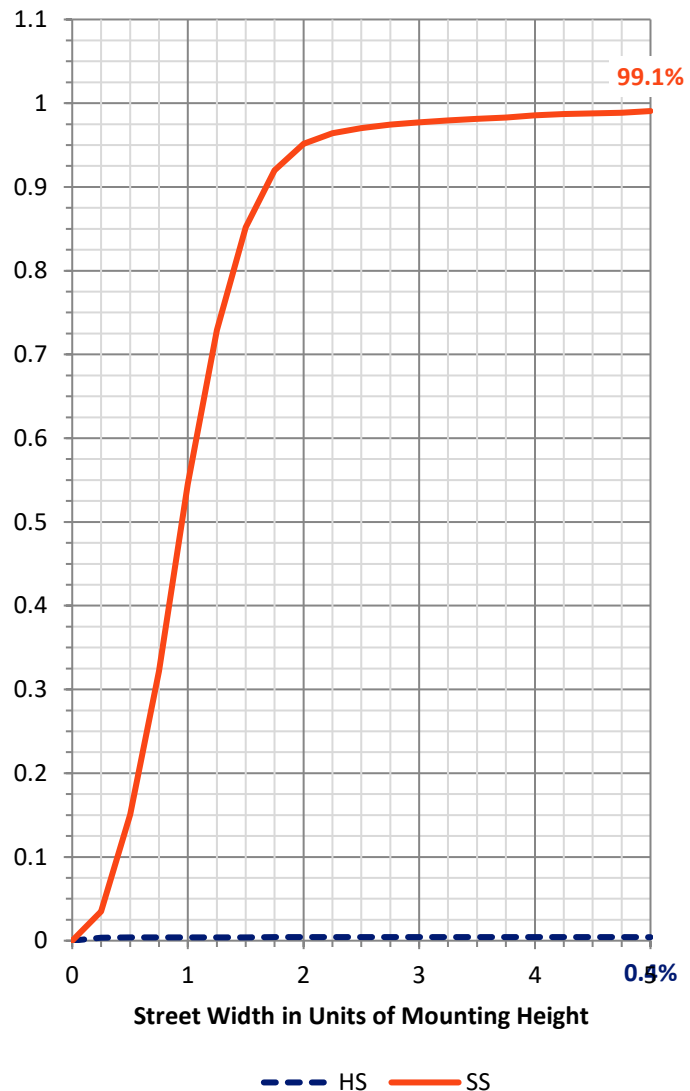
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.2	0.0	14.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3302.4	0.0	3302.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	3316.5	0.0	3316.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.6	0.1
10°-20°	27.3	0.8
20°-30°	97.9	3.0
30°-40°	260.6	7.9
40°-50°	684.6	20.6
50°-60°	1060.5	32.0
60°-70°	889.2	26.8
70°-80°	261.7	7.9
80°-90°	32.3	1.0
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°	3316.5	100.0
0°-180°	3316.5	100.0



REPORT NUMBER: P1048021

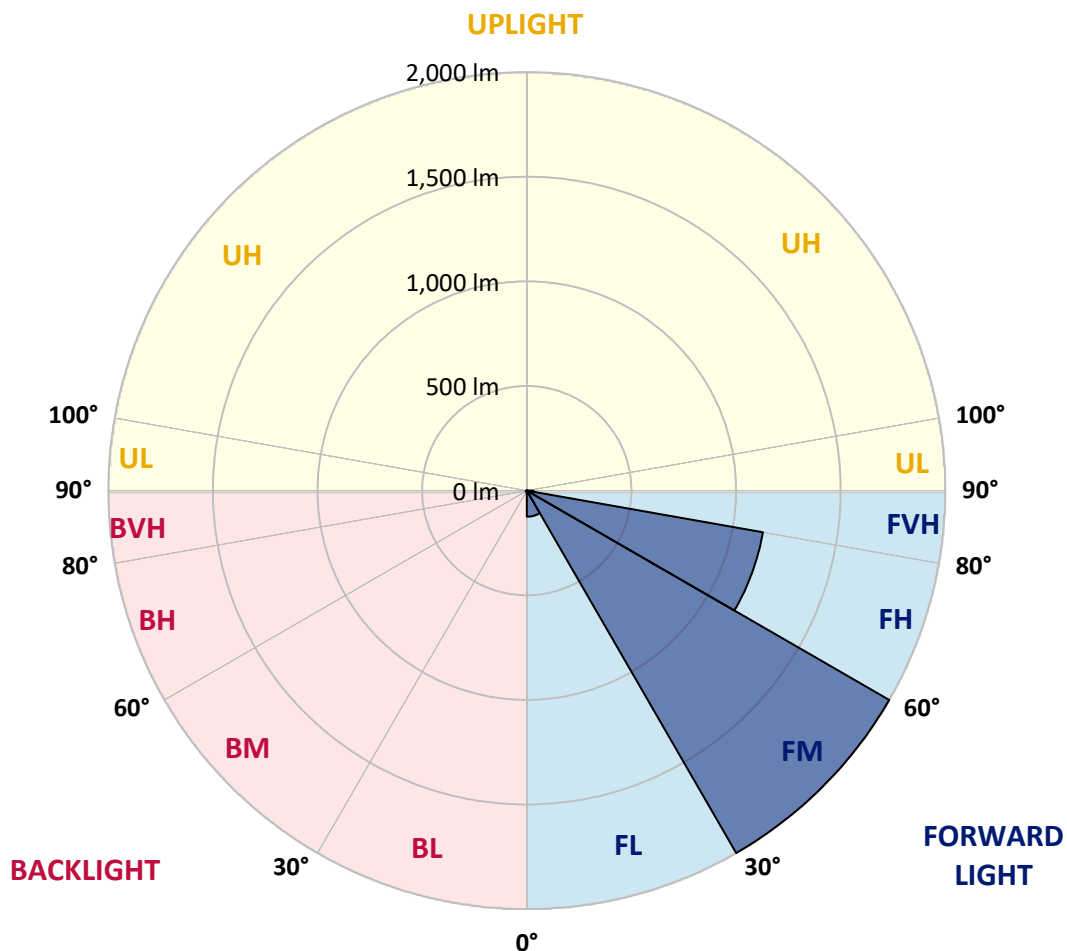
CATALOG NUMBER: GALN-SA1A-850-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	124.6	3.8			
FM	(30°-60°)	2000.3	60.3			
FH	(60°-80°)	1145.9	34.6			G1/1800
FVH	(80°-90°)	31.7	1.0			G1/100
BL	(0°-30°)	3.2	0.1	B0/110		
BM	(30°-60°)	5.4	0.2	B0/220		
BH	(60°-80°)	5.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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 II Short



REPORT NUMBER: P1048021

CATALOG NUMBER: GALN-SA1A-850-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
2.5°	24.6	24.9	24.4	23.5	22.8	22.8	22.6	21.9	21.9	21.2	20.8
5°	34.4	34.0	33.1	31.3	29.7	28.1	26.5	24.9	24.6	22.6	21.2
7.5°	56.4	56.8	53.8	48.1	43.3	37.2	31.5	28.1	27.6	24.2	21.4
10°	123.7	120.2	113.4	91.3	75.1	56.6	42.0	32.6	32.2	26.0	21.9
12.5°	225.4	222.7	210.1	187.3	145.6	101.3	61.4	40.4	39.0	27.6	22.1
15°	324.9	320.5	313.7	290.7	241.8	181.6	100.4	55.2	51.6	29.9	21.9
17.5°	388.3	389.0	382.8	373.0	341.5	268.8	173.4	82.4	75.3	34.0	21.4
20°	443.7	442.1	445.6	440.3	418.2	365.3	252.3	130.5	118.4	40.6	21.7
22.5°	507.6	511.5	514.0	512.9	488.5	443.3	342.0	195.3	180.0	52.7	22.4
25°	593.2	592.7	592.9	590.0	566.3	516.1	431.9	275.8	260.3	72.3	24.0
27.5°	682.8	685.6	686.7	676.0	645.0	595.7	515.1	363.9	345.6	103.8	26.0
30°	805.3	803.1	797.8	775.9	738.3	677.1	597.3	456.3	437.1	147.8	29.2
32.5°	970.5	968.0	941.5	893.2	836.8	762.0	679.9	548.9	525.6	202.8	33.5
35°	1242.7	1246.6	1181.6	1056.3	955.2	864.0	771.4	641.1	620.5	270.6	39.5
37.5°	1659.5	1638.3	1550.0	1328.7	1111.1	991.3	858.7	734.2	716.4	354.1	47.2
40°	2064.5	2043.5	2017.9	1808.3	1381.9	1131.6	981.0	843.4	820.4	448.3	58.6
42.5°	2490.2	2478.5	2477.4	2319.3	1876.0	1352.2	1128.2	971.4	951.8	551.6	77.3
45°	2791.8	2780.1	2804.6	2832.2	2549.0	1824.9	1384.4	1137.7	1109.2	677.1	107.2
47.5°	2832.4	2832.8	2898.1	2984.6	3049.1	2556.1	1725.7	1358.1	1323.5	856.7	157.4
50°	2697.3	2702.6	2806.4	2961.1	3134.9	3169.6	2327.5	1678.0	1626.7	1069.5	228.6
52.5°	2440.2	2446.1	2590.8	2845.2	3056.0	3317.0	3036.1	2096.4	2037.3	1335.1	329.0
55°	2208.6	2212.3	2378.2	2699.6	2960.8	3236.9	3456.8	2655.1	2577.6	1661.8	428.0
57.5°	1979.4	1970.9	2078.8	2446.8	2944.6	3138.6	3518.9	3291.9	3206.3	2018.8	505.1
60°	1672.7	1658.6	1745.3	1979.4	2731.6	3203.1	3402.7	3644.1	3624.7	2516.0	564.7
61°	1496.4	1490.5	1577.6	1778.4	2552.2	3186.7	3374.9	3659.0	3661.0	2751.2	591.3
62.5°	1068.6	1085.5	1218.7	1479.7	2137.7	3080.2	3378.6	3613.1	3633.4	3063.7	660.5
65°	475.0	502.1	605.7	818.1	1243.1	2562.3	3346.2	3512.5	3502.4	3149.5	898.7
67.5°	281.8	285.9	337.4	463.6	658.4	1378.2	2952.9	3379.5	3366.0	2741.8	1118.1
70°	222.0	224.0	240.5	290.9	382.1	527.9	1685.3	2923.9	2982.5	2223.3	1094.6
72.5°	210.6	210.1	212.4	221.3	240.7	261.9	652.5	1943.5	2062.9	1601.1	917.8
75°	207.8	206.9	204.6	201.2	174.3	154.2	202.1	859.6	928.8	1093.9	691.0
77.5°	201.7	201.9	202.4	193.0	149.4	109.1	97.9	275.8	339.2	694.2	491.2
80°	136.4	138.5	141.9	138.3	134.4	78.9	69.1	98.1	99.5	389.7	324.4
82.5°	69.1	69.1	67.5	60.2	52.0	51.3	55.0	71.2	72.1	197.1	152.6
85°	41.8	44.0	44.9	40.8	37.4	34.4	42.0	56.6	58.6	76.4	35.6
87.5°	9.4	9.6	10.5	13.9	20.3	27.6	39.0	51.8	52.7	49.1	4.3
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: P1048021

CATALOG NUMBER: GALN-SA1A-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
2.5°	20.5	20.1	19.8	19.2	18.5	17.8	17.3	17.1	17.3	17.6	17.6
5°	20.3	19.6	18.5	17.3	16.4	15.5	14.6	14.4	14.4	14.6	14.6
7.5°	20.3	19.2	17.6	16.2	14.8	13.5	12.8	12.3	12.5	12.5	12.5
10°	20.3	18.9	16.9	14.8	13.2	11.6	10.5	10.0	10.0	10.0	10.0
12.5°	20.1	18.7	16.2	13.7	11.4	9.6	8.2	7.5	7.8	7.8	7.8
15°	19.6	18.0	15.3	11.6	9.1	7.3	5.9	5.2	5.5	5.9	6.2
17.5°	18.9	17.3	13.7	9.8	7.3	5.5	4.1	3.7	3.9	4.6	4.6
20°	18.7	16.7	12.1	8.0	5.5	3.9	2.7	2.3	2.5	3.4	3.7
22.5°	18.7	16.2	11.0	6.6	4.1	2.5	1.6	0.9	0.9	1.6	1.6
25°	18.9	16.0	10.0	5.5	3.0	1.8	0.9	0.5	0.9	2.5	3.0
27.5°	19.4	15.7	9.6	4.6	2.3	1.6	0.7	1.6	2.7	2.7	2.7
30°	19.8	15.3	8.9	3.9	2.1	1.1	1.1	2.3	2.3	2.7	3.0
32.5°	20.5	15.1	8.4	3.4	1.6	0.9	1.6	1.4	1.4	1.6	1.8
35°	21.9	15.3	8.0	3.4	1.6	1.1	1.4	0.7	0.5	0.5	0.5
37.5°	23.7	15.5	7.3	3.0	1.4	1.4	0.7	0.0	0.0	0.0	0.0
40°	26.7	16.2	6.8	2.7	1.1	1.1	0.2	0.0	0.0	0.0	0.0
42.5°	31.7	17.6	6.6	2.5	1.1	0.9	0.0	0.0	0.0	0.0	0.0
45°	41.8	20.8	6.2	2.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0
47.5°	60.0	28.3	5.9	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	87.6	38.3	5.7	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	111.8	40.4	3.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	114.5	27.8	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	91.3	18.0	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	69.1	13.7	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	66.4	12.3	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	73.2	10.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	119.1	8.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	206.9	7.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	261.5	7.3	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	227.9	6.6	1.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	137.1	5.7	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	71.9	4.3	1.4	1.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0
80°	34.9	3.9	1.6	1.1	0.9	0.5	0.0	0.0	0.0	0.0	0.0
82.5°	13.7	3.2	1.8	1.6	1.1	0.7	0.2	0.0	0.0	0.0	0.0
85°	6.2	2.7	2.1	1.8	1.6	0.9	0.2	0.0	0.0	0.0	0.0
87.5°	3.2	2.5	2.3	2.1	1.6	1.1	0.5	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

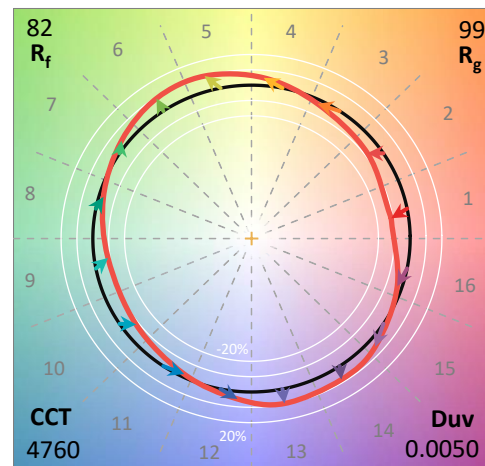
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

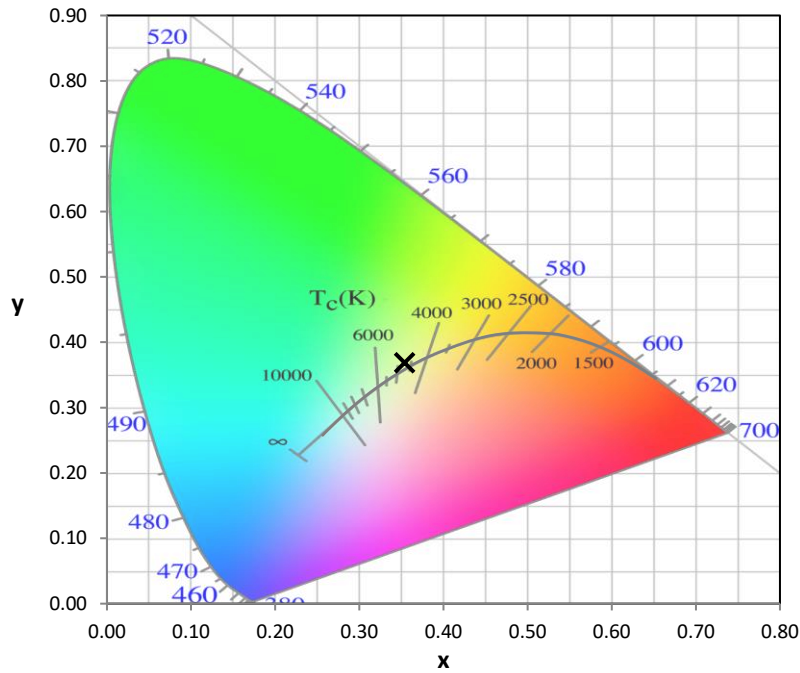
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

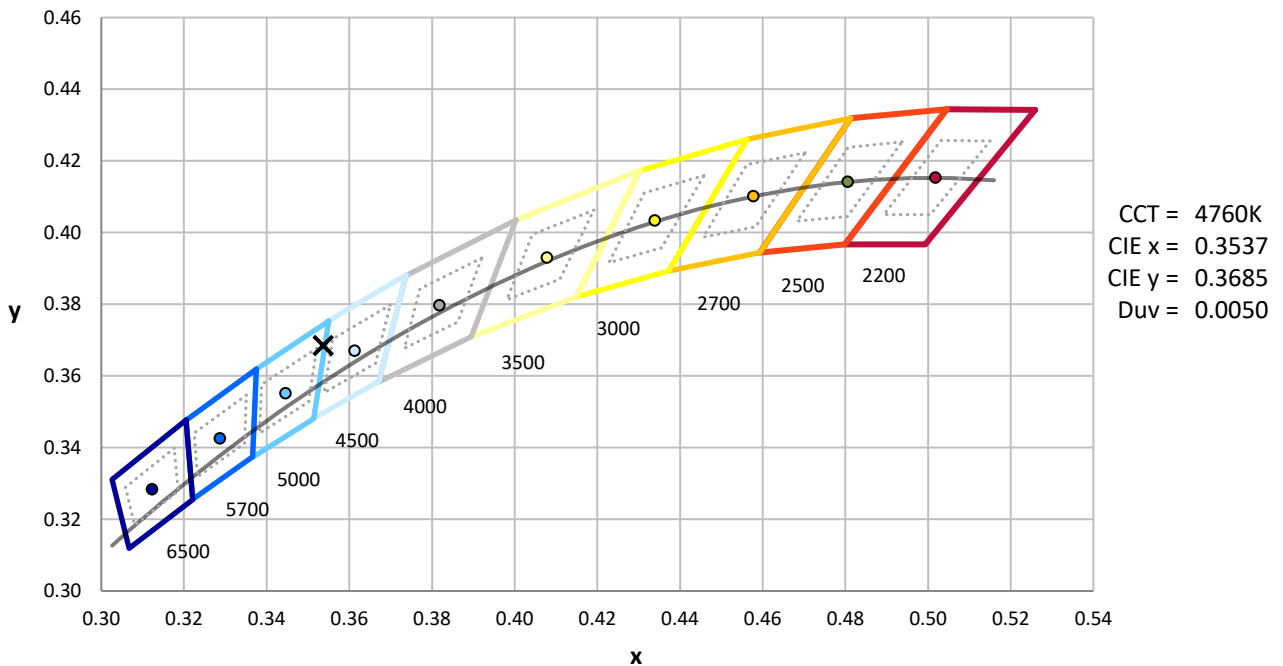
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



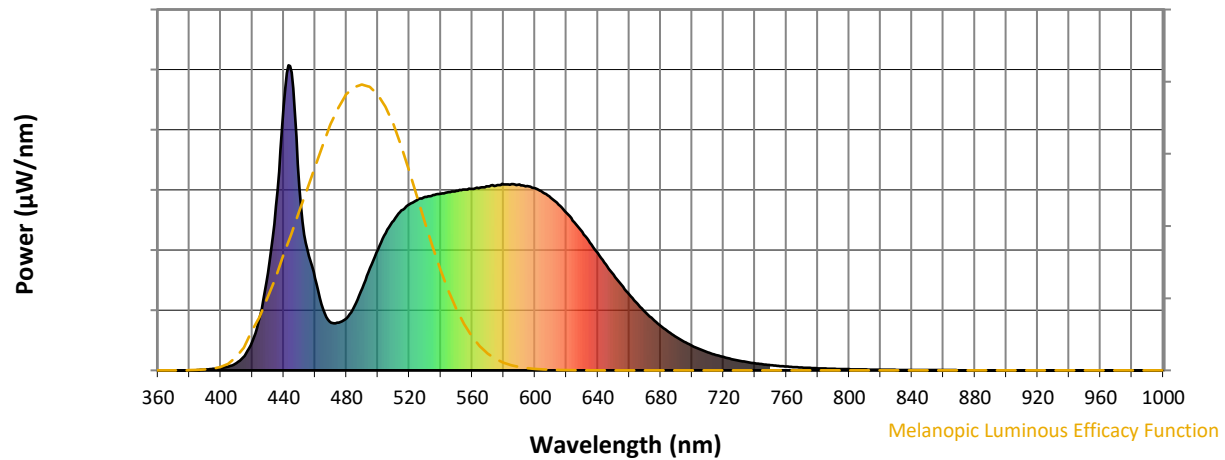
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

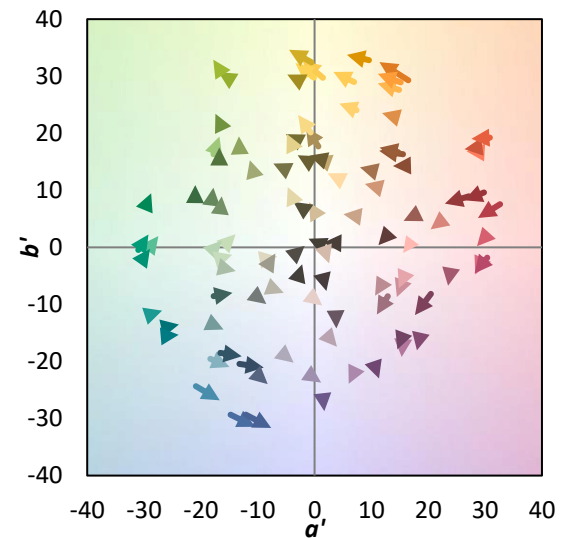
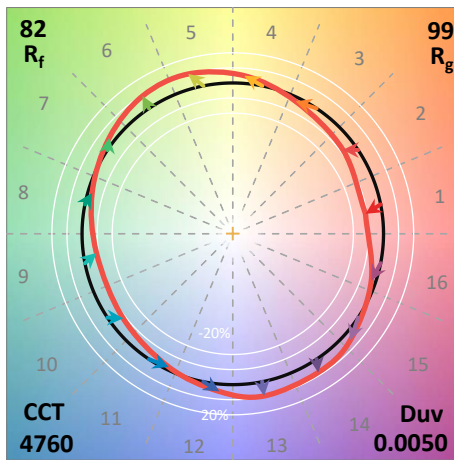
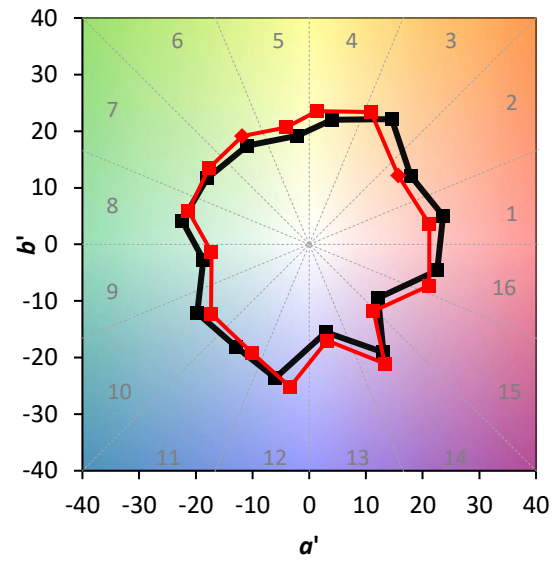
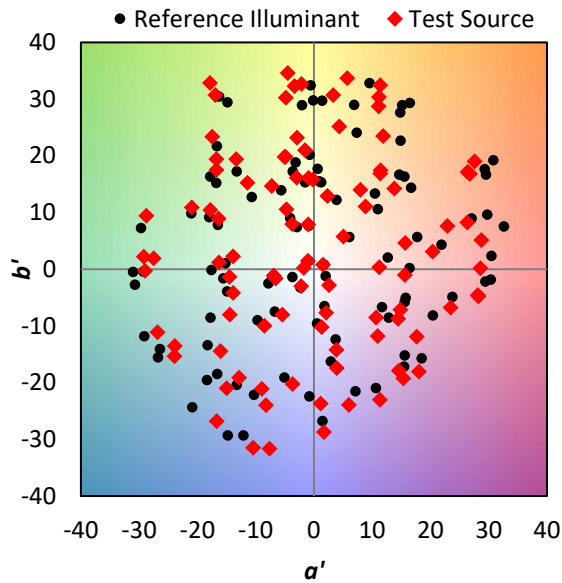
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $\text{CIE } R_a = 81.1$
 $R_9 = 8.7$

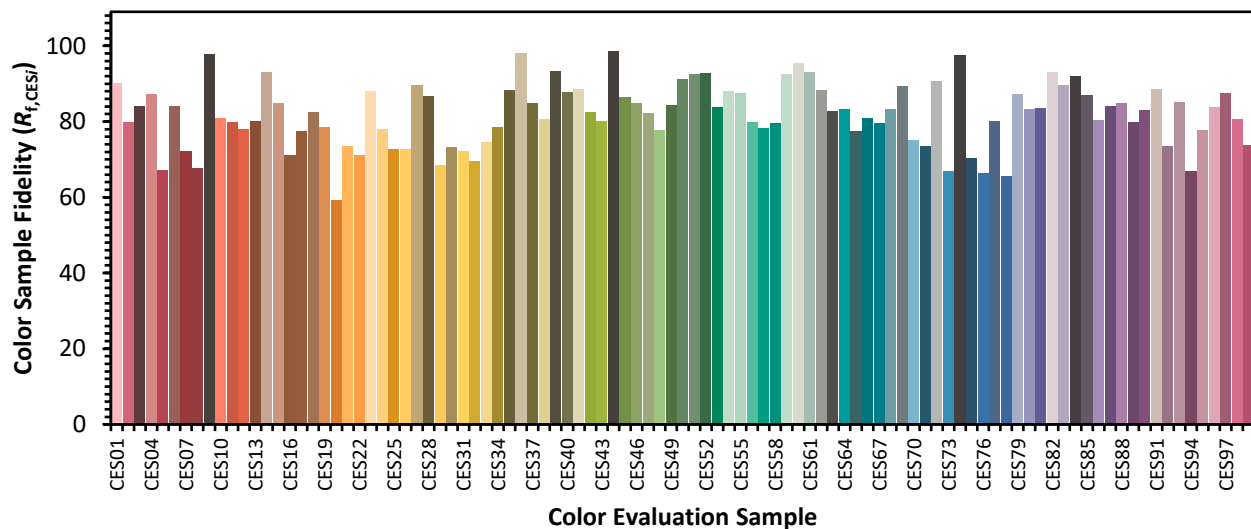


Color Vector Graphics

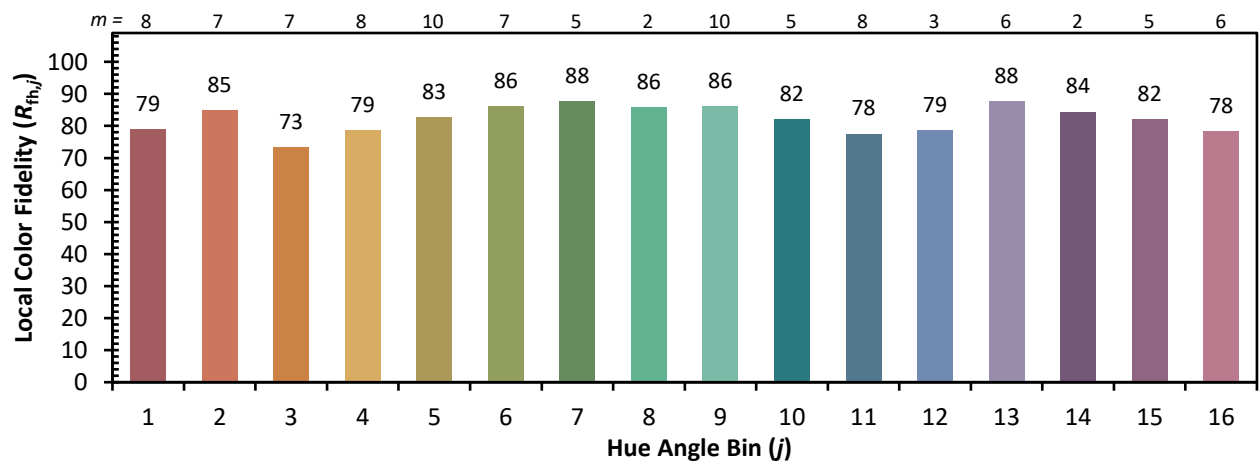


Individual Sample Fidelity Index ($R_{f,i}$)

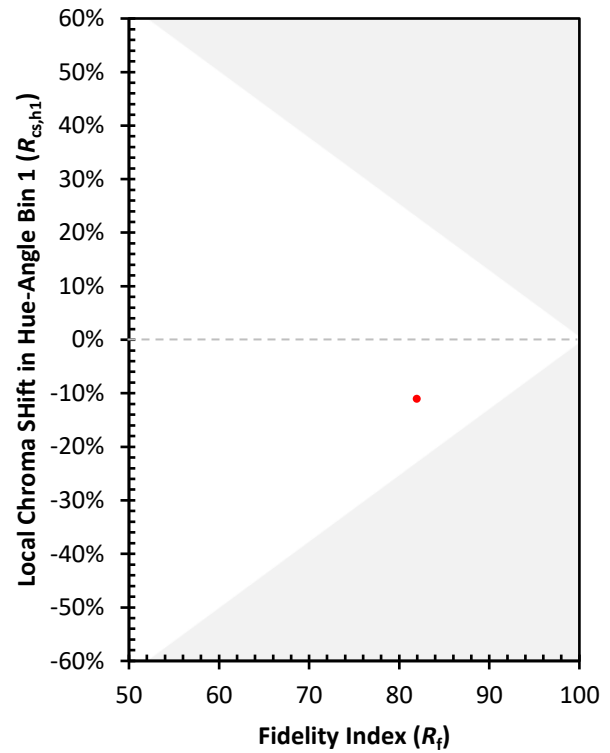
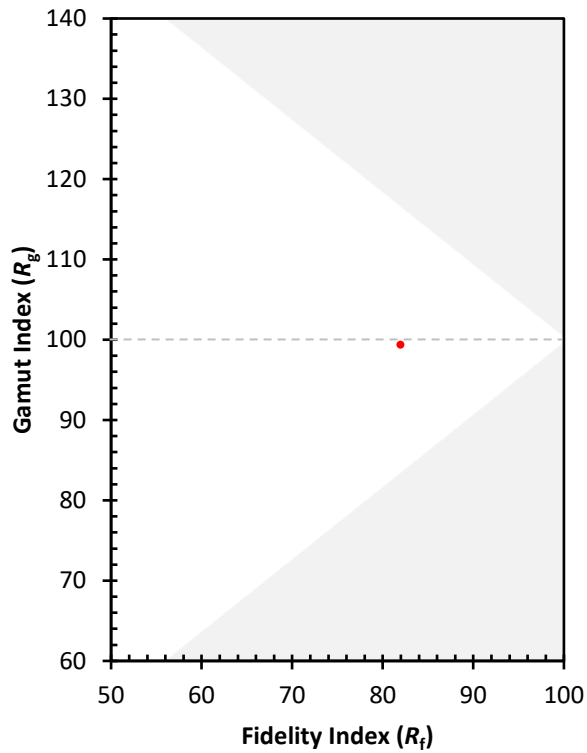
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)