

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: P1047995

Luminaire Tested: **GALN-SA3C-840-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047995
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-840-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15420.6 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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

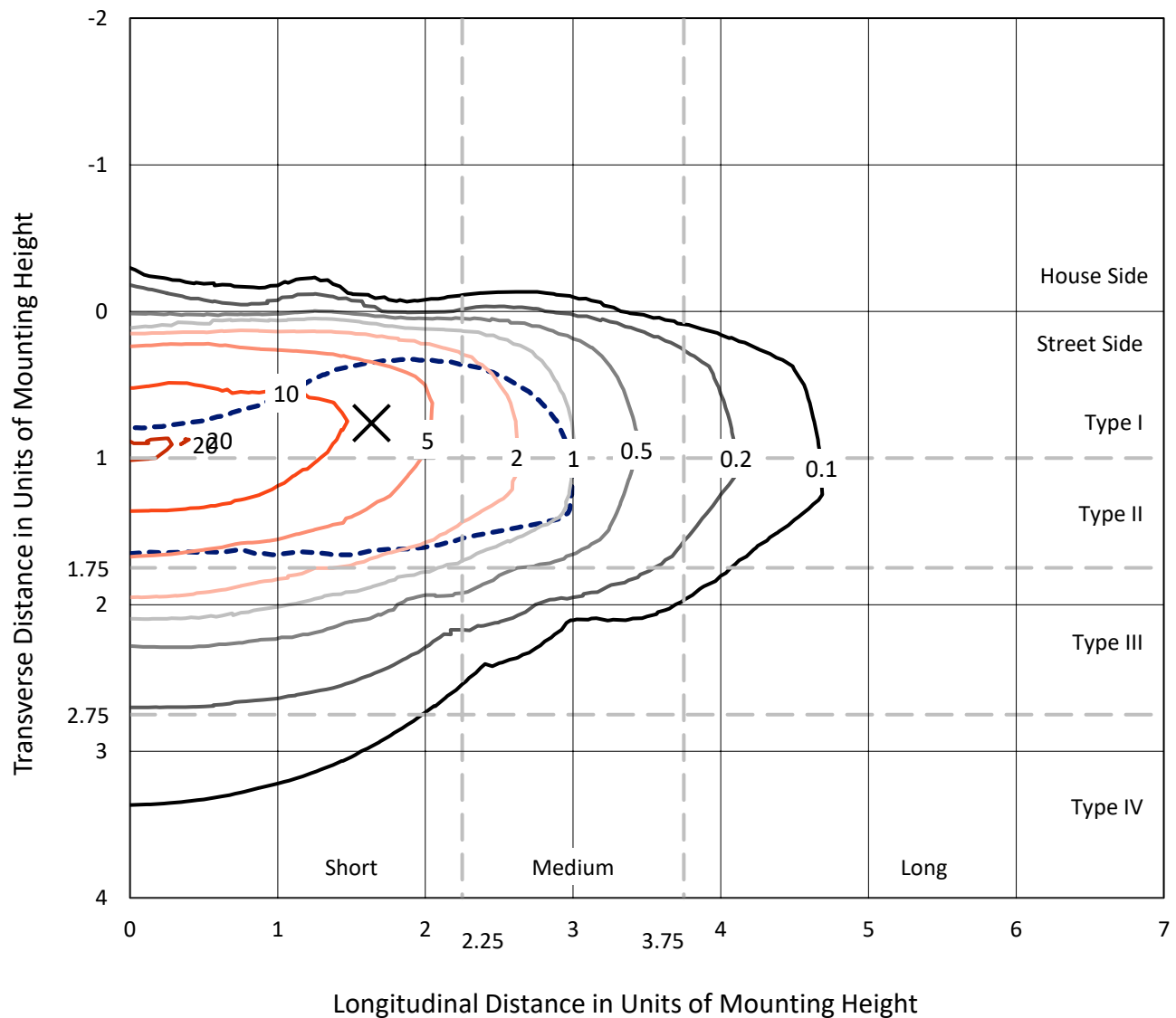


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

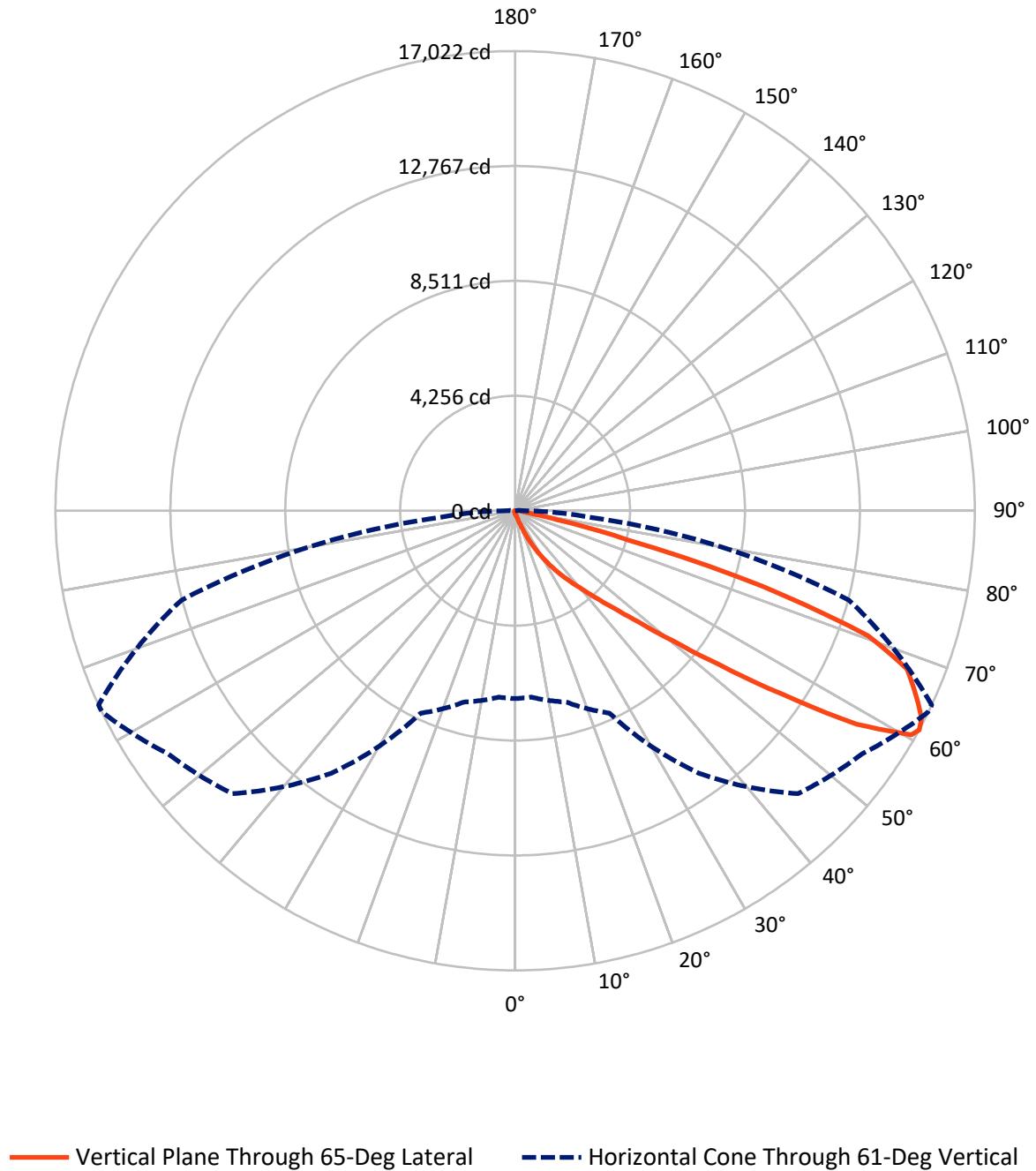


Based on 15 foot mounting height. Maximum calculated value = 20.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.8	0.0	65.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15354.7	0.0	15354.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	15420.6	0.0	15420.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.1
10°-20°	126.8	0.8
20°-30°	455.1	3.0
30°-40°	1211.6	7.9
40°-50°	3182.9	20.6
50°-60°	4930.9	32.0
60°-70°	4134.5	26.8
70°-80°	1216.7	7.9
80°-90°	150.1	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°	15420.6	100.0
0°-180°	15420.6	100.0



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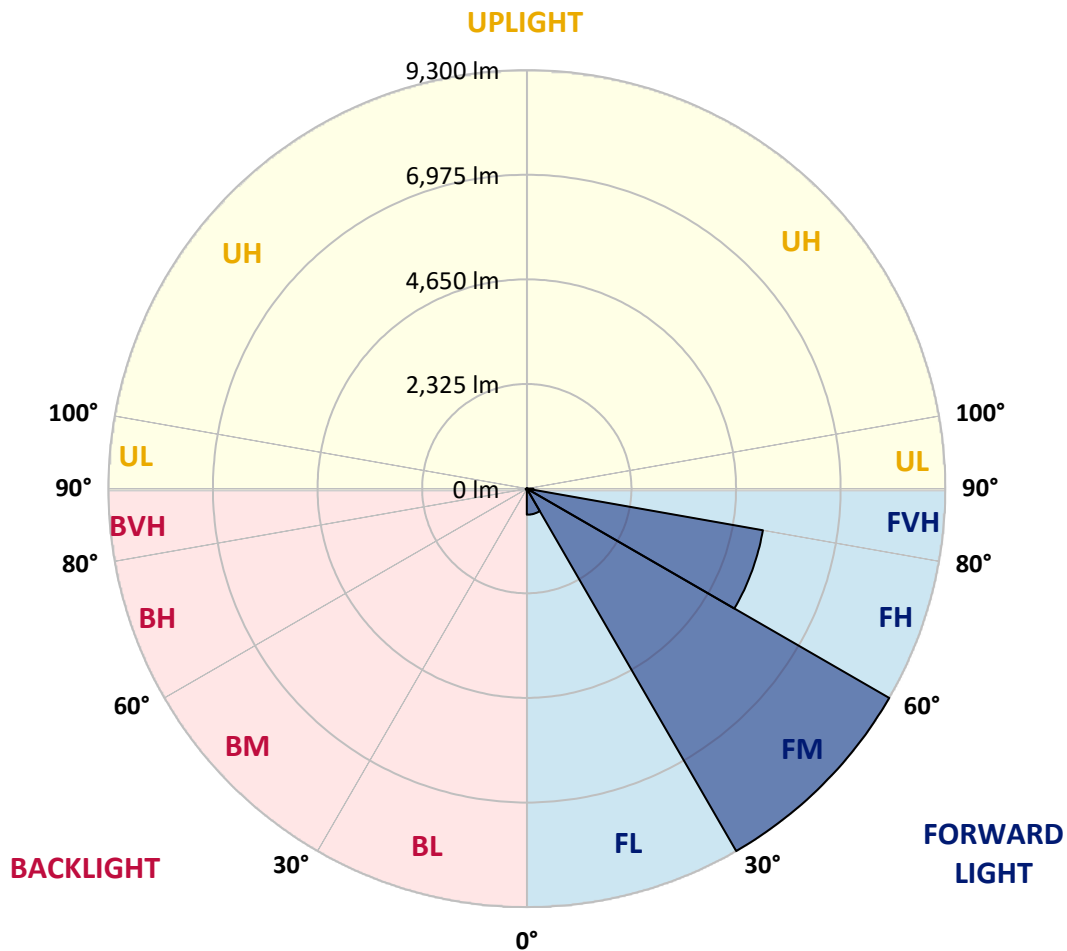
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	579.1	3.8			
FM	(30°-60°)	9300.3	60.3			
FH	(60°-80°)	5328.0	34.6			G3/7500
FVH	(80°-90°)	147.3	1.0			G2/225
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	25.1	0.2	B0/220		
BH	(60°-80°)	23.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
2.5°	114.6	115.6	113.5	109.3	106.1	106.1	105.0	101.8	101.8	98.7	96.5
5°	160.2	158.1	153.8	145.3	137.9	130.5	123.0	115.6	114.6	105.0	98.7
7.5°	262.0	264.1	250.3	223.8	201.5	172.9	146.4	130.5	128.4	112.4	99.7
10°	574.9	559.0	527.2	424.3	349.0	263.1	195.2	151.7	149.6	120.9	101.8
12.5°	1048.0	1035.3	977.0	870.9	676.8	471.0	285.3	187.8	181.4	128.4	102.9
15°	1510.5	1490.4	1458.6	1351.4	1124.4	844.4	466.7	256.7	239.7	139.0	101.8
17.5°	1805.4	1808.6	1780.0	1734.4	1588.0	1249.6	806.2	382.9	350.1	158.1	99.7
20°	2063.2	2055.8	2071.7	2047.3	1944.4	1698.3	1173.2	606.8	550.5	188.8	100.8
22.5°	2360.2	2378.2	2389.9	2384.6	2271.1	2061.1	1590.1	908.0	836.9	245.0	104.0
25°	2758.0	2755.9	2756.9	2743.1	2632.8	2399.5	2008.0	1282.5	1210.3	336.3	111.4
27.5°	3174.9	3187.6	3192.9	3143.1	2998.8	2769.7	2395.2	1691.9	1607.1	482.6	120.9
30°	3744.5	3733.9	3709.5	3607.7	3432.6	3148.4	2777.1	2121.5	2032.4	687.4	135.8
32.5°	4512.5	4500.8	4377.8	4152.9	3890.9	3543.0	3161.1	2552.2	2444.0	943.0	155.9
35°	5778.0	5796.0	5493.7	4911.4	4441.4	4017.1	3586.5	2980.8	2885.3	1258.1	183.5
37.5°	7716.0	7617.4	7206.9	6177.9	5165.9	4609.0	3992.7	3413.6	3330.8	1646.3	219.6
40°	9598.9	9501.3	9382.5	8407.6	6425.1	5261.4	4561.3	3921.7	3814.5	2084.4	272.6
42.5°	11578.3	11524.2	11518.9	10783.8	8722.7	6287.2	5245.5	4516.8	4425.5	2564.9	359.6
45°	12980.6	12926.5	13040.0	13168.4	11852.0	8485.1	6436.7	5290.1	5157.5	3148.4	498.6
47.5°	13169.4	13171.6	13474.9	13877.0	14177.2	11884.8	8023.6	6314.8	6153.5	3983.2	731.9
50°	12541.5	12565.9	13048.5	13767.7	14576.0	14737.3	10822.0	7801.9	7563.3	4972.9	1062.9
52.5°	11346.0	11373.6	12046.1	13228.8	14209.0	15422.5	14116.7	9747.4	9472.7	6207.6	1529.6
55°	10269.3	10286.3	11057.4	12552.1	13766.6	15050.2	16072.8	12345.2	11984.6	7726.6	1990.0
57.5°	9203.2	9164.0	9665.7	11376.7	13691.3	14593.0	16361.3	15305.8	14908.0	9386.7	2348.5
60°	7777.6	7711.8	8114.9	9203.2	12700.6	14893.2	15821.4	16943.6	16853.5	11698.1	2625.4
61°	6957.6	6930.0	7335.2	8268.7	11866.8	14816.8	15691.9	17012.6	17022.1	12791.8	2749.5
62.5°	4968.6	5047.1	5666.6	6880.1	9939.4	14321.4	15708.9	16799.4	16893.8	14245.1	3070.9
65°	2208.5	2334.8	2816.3	3803.9	5780.1	11913.5	15558.3	16331.6	16284.9	14643.9	4178.4
67.5°	1310.0	1329.1	1568.9	2155.5	3061.4	6408.1	13729.5	15713.2	15650.6	12748.3	5198.8
70°	1032.1	1041.7	1118.0	1352.5	1776.8	2454.6	7835.9	13594.8	13867.4	10337.2	5089.6
72.5°	979.1	977.0	987.6	1028.9	1119.1	1217.8	3033.8	9036.7	9591.5	7444.5	4267.5
75°	966.4	962.1	951.5	935.6	810.4	717.1	939.8	3997.0	4318.4	5086.4	3213.1
77.5°	937.7	938.8	940.9	897.4	694.8	507.0	455.1	1282.5	1577.4	3227.9	2283.8
80°	634.3	643.9	659.8	642.8	624.8	367.0	321.4	456.1	462.5	1811.8	1508.4
82.5°	321.4	321.4	314.0	280.0	241.9	238.7	255.6	331.0	335.2	916.5	709.7
85°	194.1	204.7	209.0	189.9	174.0	160.2	195.2	263.1	272.6	355.4	165.5
87.5°	43.5	44.6	48.8	64.7	94.4	128.4	181.4	240.8	245.0	228.1	20.2
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-SA3C-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
2.5°	95.5	93.3	92.3	89.1	85.9	82.7	80.6	79.6	80.6	81.7	81.7
5°	94.4	91.2	85.9	80.6	76.4	72.1	67.9	66.8	66.8	67.9	67.9
7.5°	94.4	89.1	81.7	75.3	68.9	62.6	59.4	57.3	58.3	58.3	58.3
10°	94.4	88.0	78.5	68.9	61.5	54.1	48.8	46.7	46.7	46.7	46.7
12.5°	93.3	87.0	75.3	63.6	53.0	44.6	38.2	35.0	36.1	36.1	36.1
15°	91.2	83.8	71.1	54.1	42.4	33.9	27.6	24.4	25.5	27.6	28.6
17.5°	88.0	80.6	63.6	45.6	33.9	25.5	19.1	17.0	18.0	21.2	21.2
20°	87.0	77.4	56.2	37.1	25.5	18.0	12.7	10.6	11.7	15.9	17.0
22.5°	87.0	75.3	50.9	30.8	19.1	11.7	7.4	4.2	4.2	7.4	7.4
25°	88.0	74.3	46.7	25.5	13.8	8.5	4.2	2.1	4.2	11.7	13.8
27.5°	90.2	73.2	44.6	21.2	10.6	7.4	3.2	7.4	12.7	12.7	12.7
30°	92.3	71.1	41.4	18.0	9.5	5.3	5.3	10.6	10.6	12.7	13.8
32.5°	95.5	70.0	39.2	15.9	7.4	4.2	7.4	6.4	6.4	7.4	8.5
35°	101.8	71.1	37.1	15.9	7.4	5.3	6.4	3.2	2.1	2.1	2.1
37.5°	110.3	72.1	33.9	13.8	6.4	6.4	3.2	0.0	0.0	0.0	0.0
40°	124.1	75.3	31.8	12.7	5.3	5.3	1.1	0.0	0.0	0.0	0.0
42.5°	147.4	81.7	30.8	11.7	5.3	4.2	0.0	0.0	0.0	0.0	0.0
45°	194.1	96.5	28.6	10.6	5.3	2.1	0.0	0.0	0.0	0.0	0.0
47.5°	279.0	131.5	27.6	8.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	407.3	178.2	26.5	7.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	519.8	187.8	18.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	532.5	129.4	13.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	424.3	83.8	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	321.4	63.6	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	308.7	57.3	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	340.5	49.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	553.7	41.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	962.1	36.1	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1215.6	33.9	6.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1059.7	30.8	6.4	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	637.5	26.5	6.4	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	334.1	20.2	6.4	5.3	3.2	1.1	0.0	0.0	0.0	0.0	0.0
80°	162.3	18.0	7.4	5.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	63.6	14.9	8.5	7.4	5.3	3.2	1.1	0.0	0.0	0.0	0.0
85°	28.6	12.7	9.5	8.5	7.4	4.2	1.1	0.0	0.0	0.0	0.0
87.5°	14.9	11.7	10.6	9.5	7.4	5.3	2.1	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

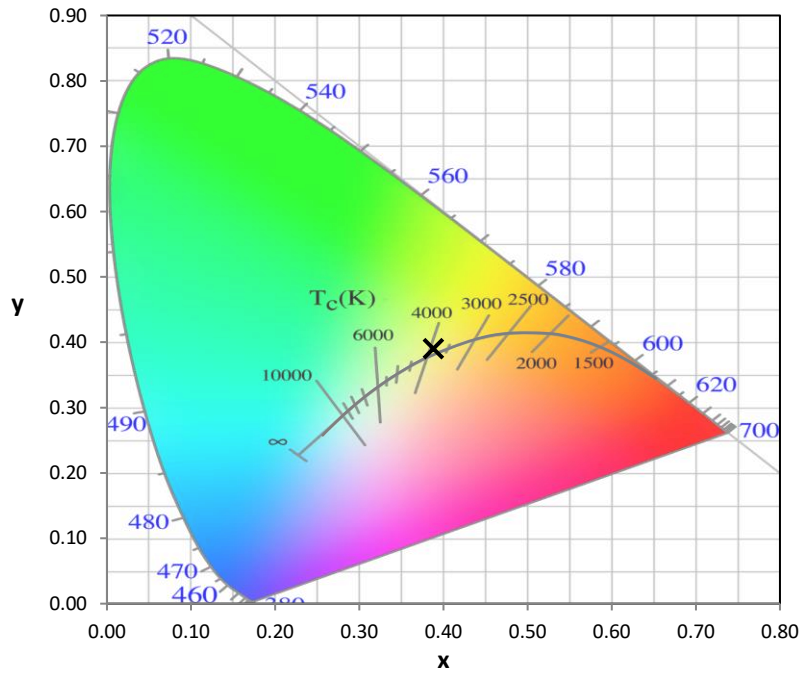
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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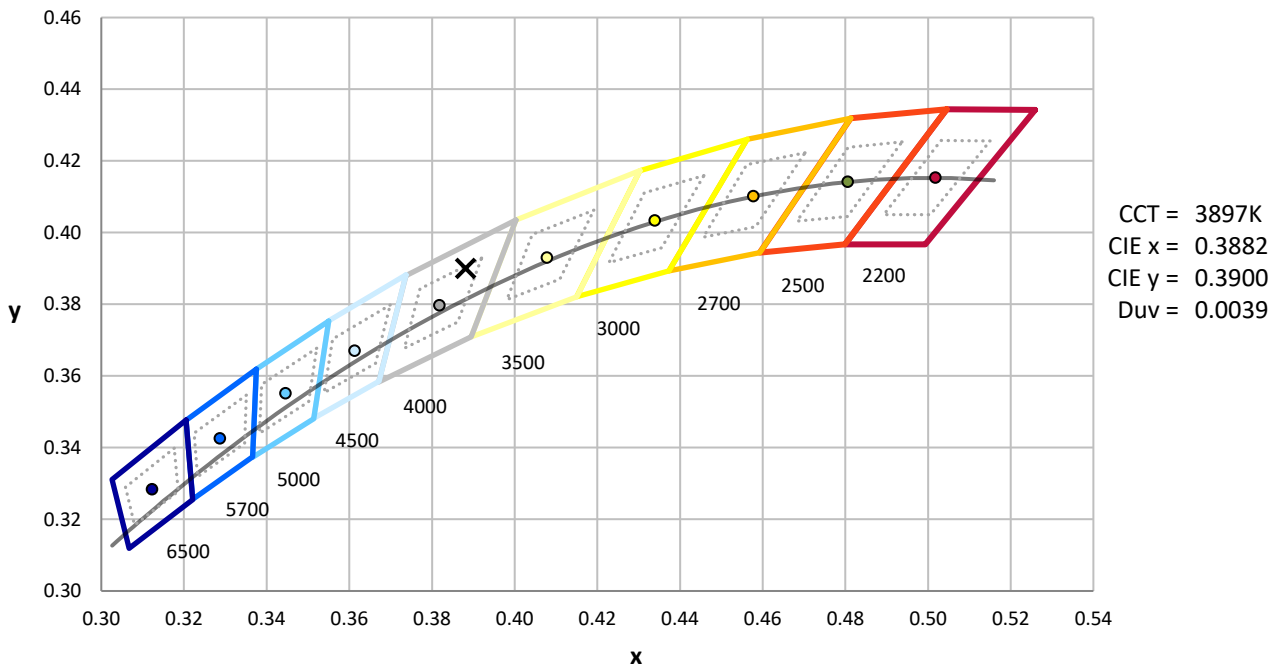
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

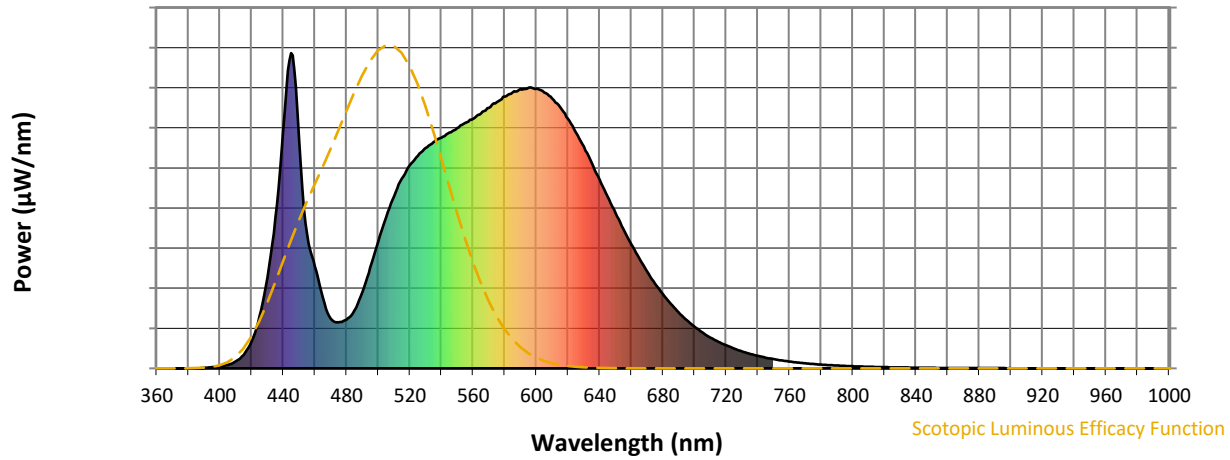


Photopic Lumens: NR

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			

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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

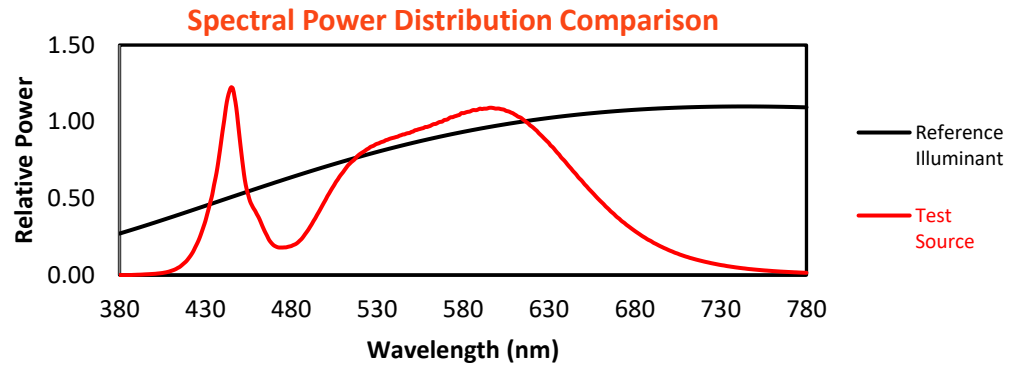
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401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

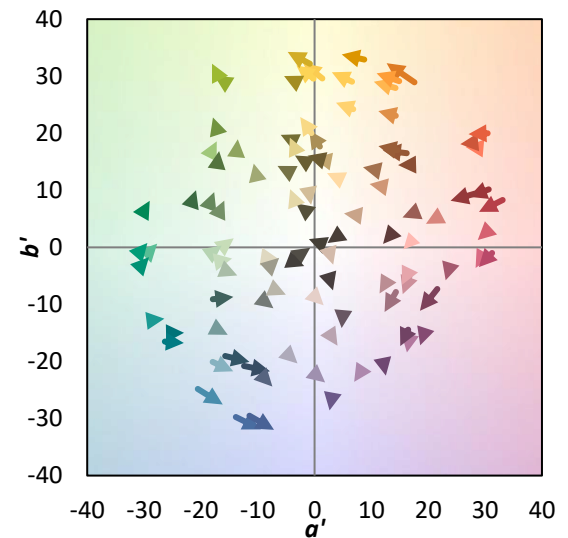
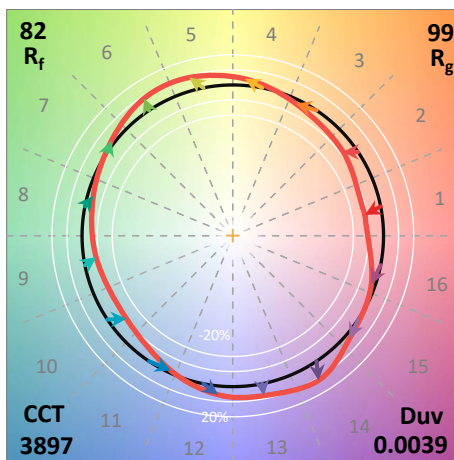
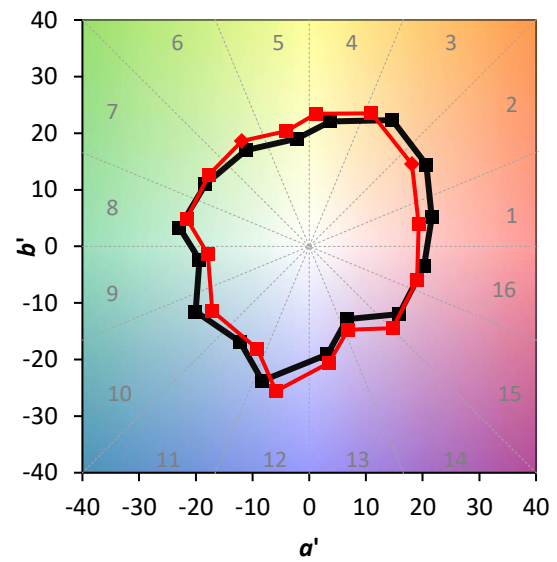
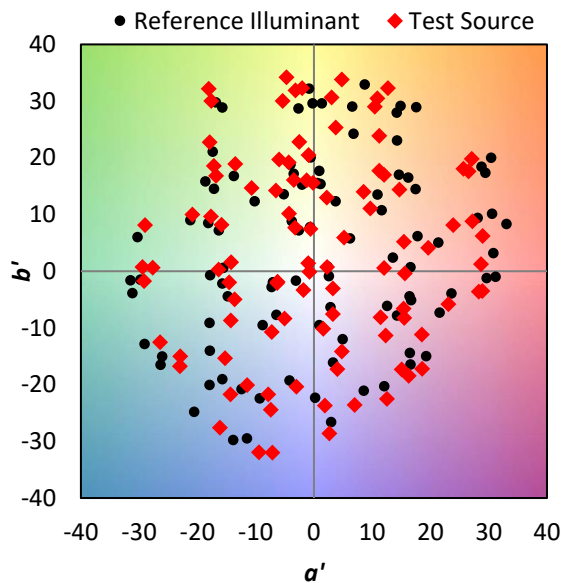
TM-30-18

Summary

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

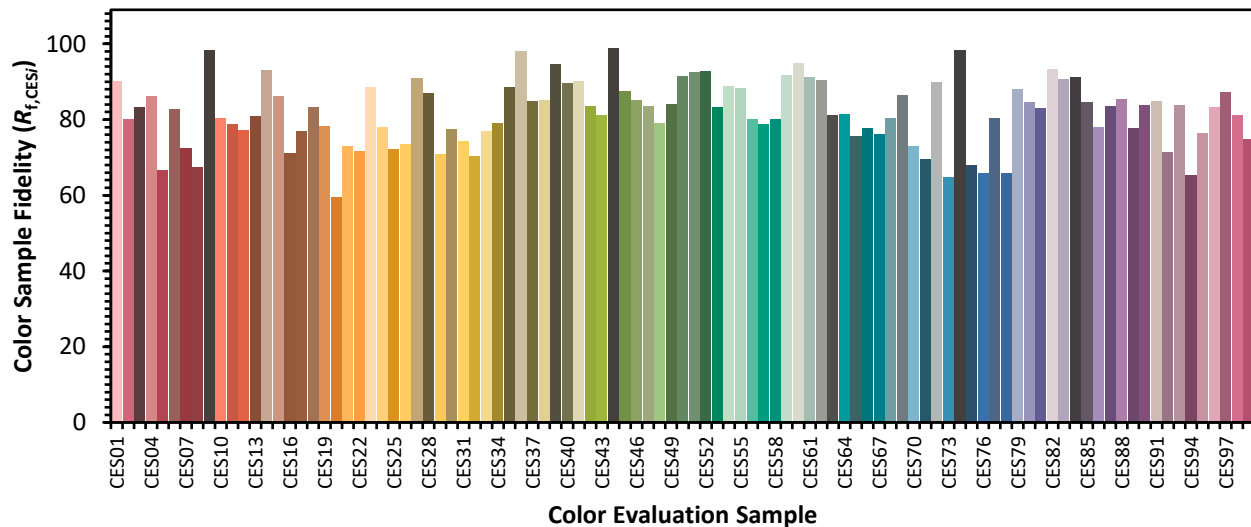


Color Vector Graphics

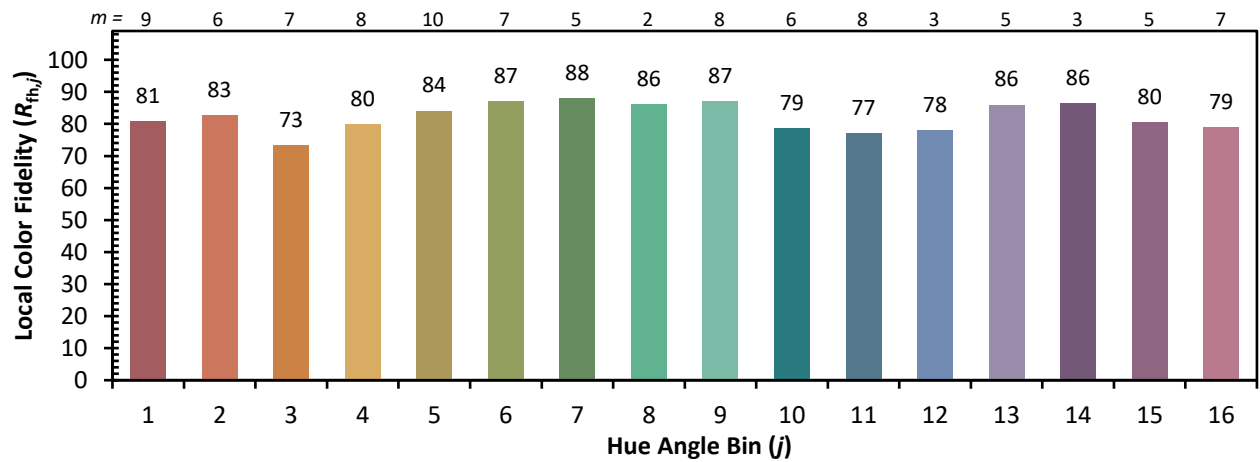
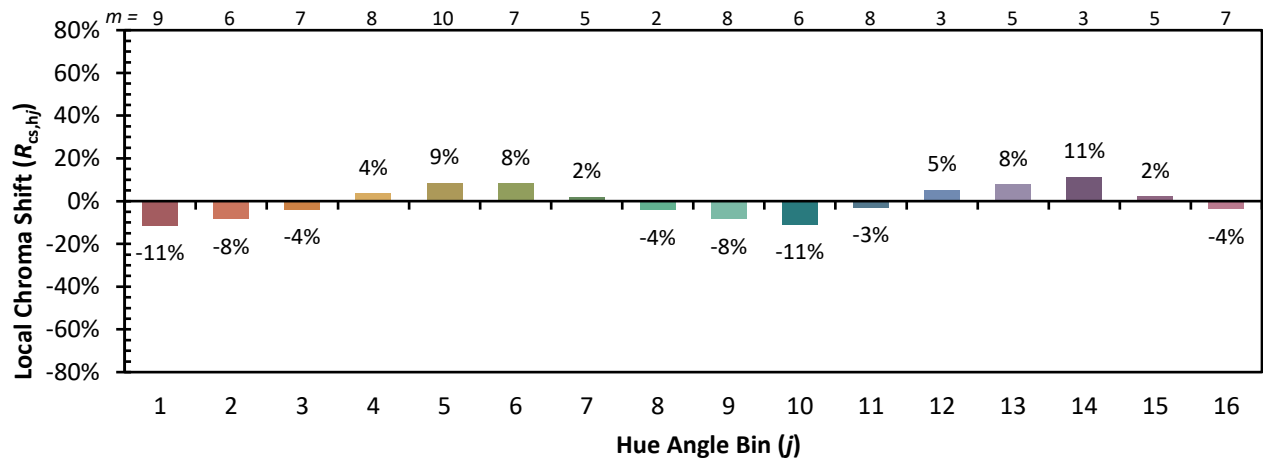


Individual Sample Fidelity Index ($R_{f,i}$)

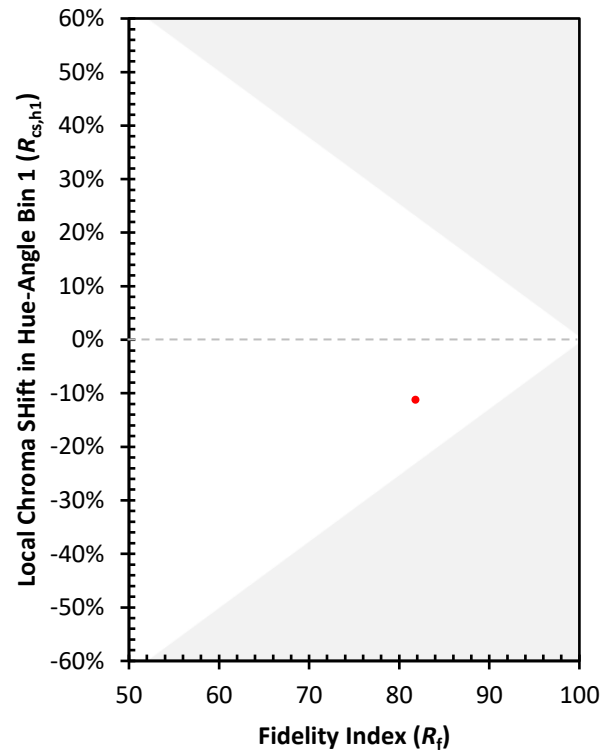
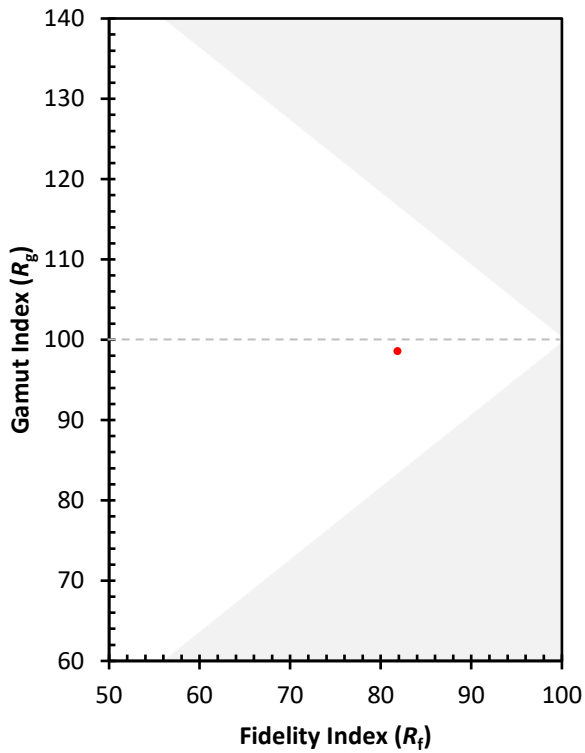
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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