

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: P1047395

Luminaire Tested: **GALN-SA6C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047395
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31695.7 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - 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

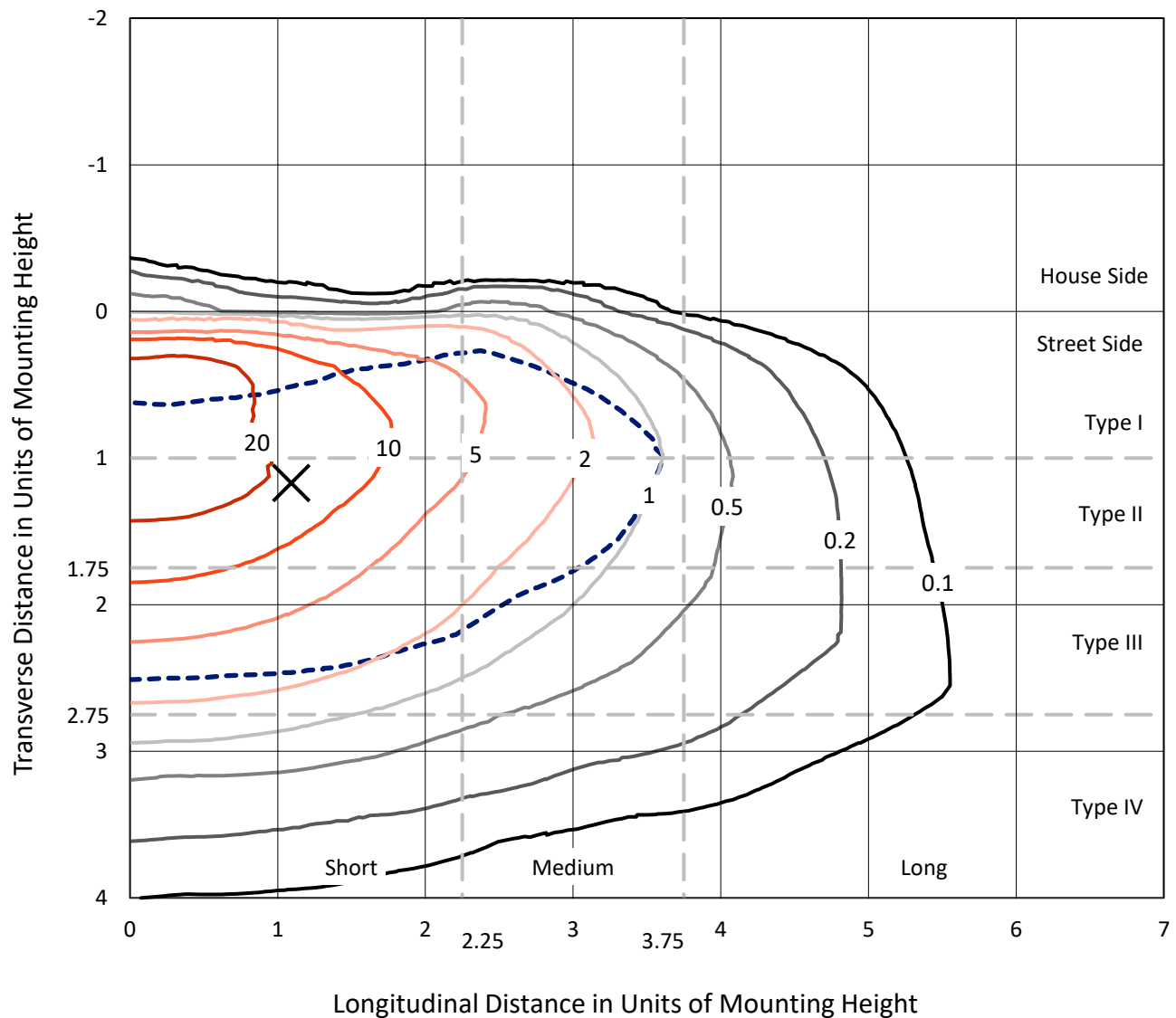


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

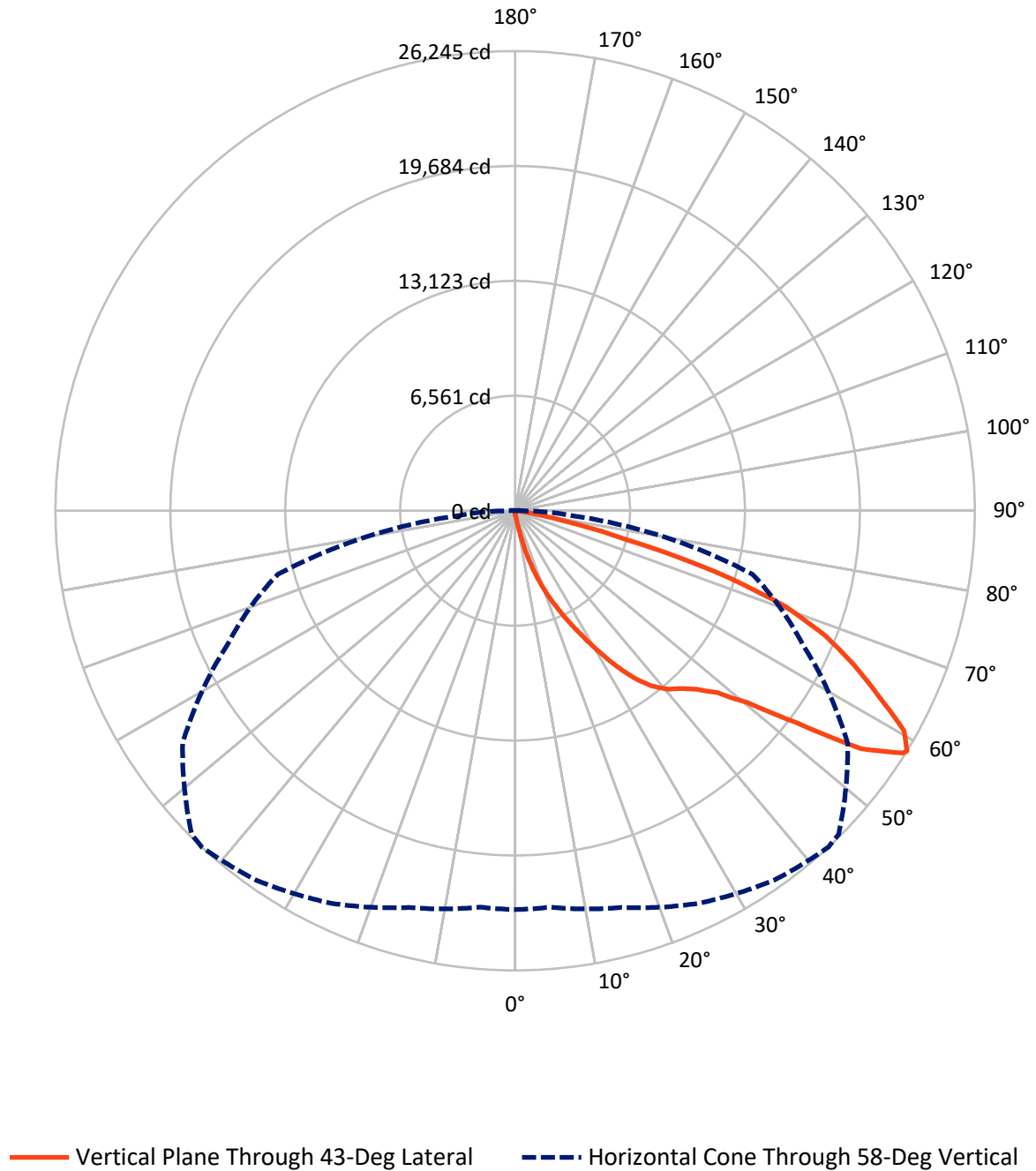


Based on 15 foot mounting height. Maximum calculated value = 35.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	115.7	0.0	115.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31580.0	0.0	31580.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	31695.7	0.0	31695.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	0.1
10°-20°	364.3	1.1
20°-30°	1313.2	4.1
30°-40°	3004.5	9.5
40°-50°	5067.5	16.0
50°-60°	8362.6	26.4
60°-70°	9346.3	29.5
70°-80°	3858.9	12.2
80°-90°	347.9	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°	31695.7	100.0
0°-180°	31695.7	100.0



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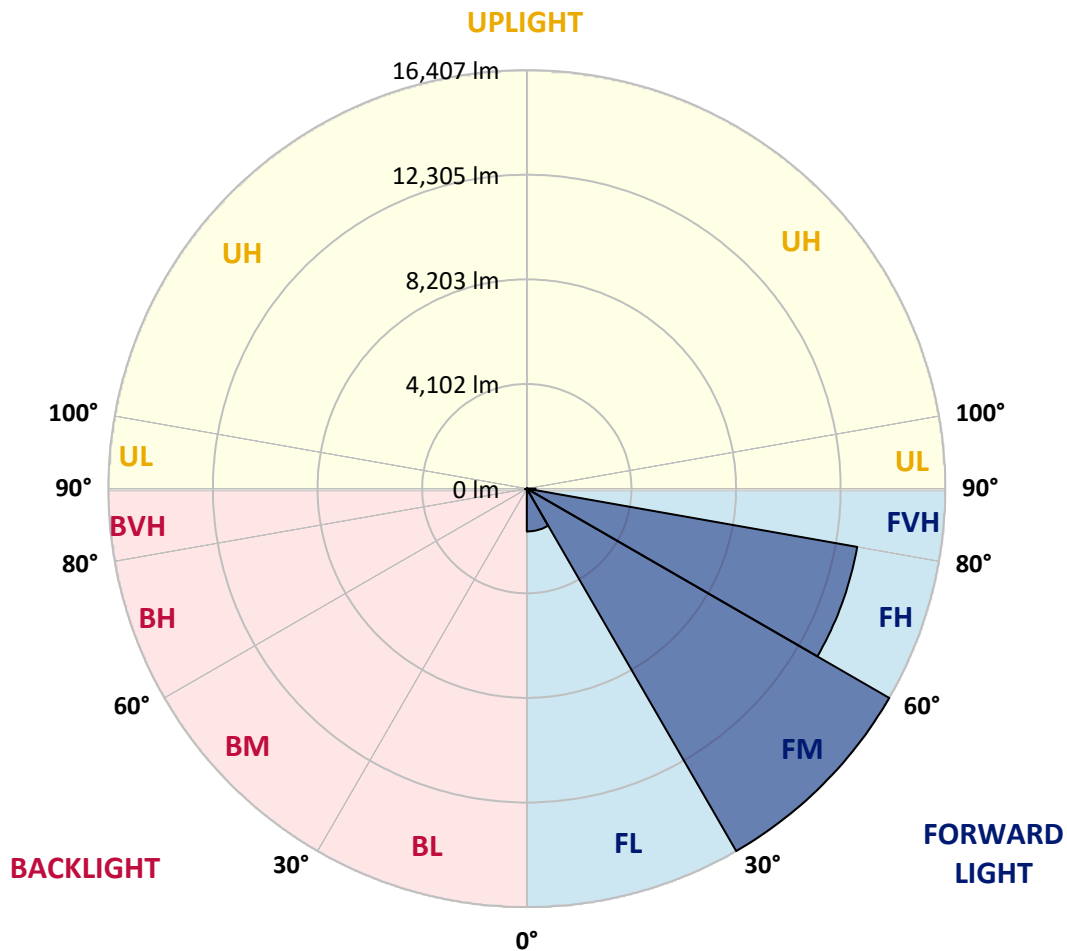
CATALOG NUMBER: GALN-SA6C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1677.7	5.3			
FM	(30°-60°)	16406.9	51.8			
FH	(60°-80°)	13152.2	41.5			G5
FVH	(80°-90°)	343.1	1.1			G3/500
BL	(0°-30°)	30.2	0.1	B0/110		
BM	(30°-60°)	27.7	0.1	B0/220		
BH	(60°-80°)	53.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2
2.5°	248.7	257.0	248.7	248.7	248.7	240.4	240.4	232.1	232.1	223.8	215.5
5°	364.7	364.7	339.9	323.3	306.7	298.4	290.1	273.6	257.0	240.4	223.8
7.5°	812.4	812.4	737.8	638.3	505.7	431.1	414.5	339.9	290.1	257.0	223.8
10°	1939.8	1939.8	1774.0	1500.4	1160.6	862.1	770.9	489.1	348.2	273.6	232.1
12.5°	3224.7	3266.2	3058.9	2710.7	2205.1	1682.8	1500.4	895.3	464.2	298.4	232.1
15°	4377.0	4277.5	4219.5	3887.9	3407.1	2785.3	2553.2	1508.7	671.5	339.9	232.1
17.5°	5156.2	5156.2	5073.3	4849.5	4410.1	3863.0	3672.3	2437.2	1086.0	389.6	240.4
20°	6068.1	6068.1	5918.9	5761.4	5371.7	4907.5	4725.1	3465.1	1682.8	497.4	240.4
22.5°	7170.6	7187.2	7021.4	6739.5	6366.5	5852.5	5695.0	4418.4	2437.2	663.2	248.7
25°	8513.5	8530.1	8289.7	8024.5	7452.5	6897.0	6656.6	5512.7	3357.3	928.4	248.7
27.5°	9997.4	10113.5	9757.0	9301.1	8695.9	7999.6	7817.2	6499.1	4269.2	1309.8	265.3
30°	11846.0	11846.0	11373.5	10735.2	10080.3	9218.2	8986.1	7535.4	5239.1	1815.4	281.9
32.5°	13437.6	13313.3	12708.1	12036.7	11340.3	10536.2	10287.5	8621.3	6233.9	2445.5	315.0
35°	14656.2	14548.5	13802.4	13081.2	12476.0	11738.2	11439.8	9798.5	7286.7	3158.4	364.7
37.5°	15700.7	15659.3	14647.9	13744.4	13346.5	12699.9	12434.6	10909.3	8322.9	3929.3	422.8
40°	16844.7	16712.1	15634.4	14515.3	13918.4	13396.2	13155.8	11804.6	9317.6	4832.9	505.7
42.5°	17822.9	17665.4	16695.5	15601.3	14581.6	13877.0	13644.9	12558.9	10287.5	5736.5	613.4
45°	18908.9	18826.0	17847.8	17018.8	15659.3	14531.9	14225.2	13164.1	11174.5	6814.2	754.4
47.5°	20541.9	20392.7	19480.9	18801.1	17226.0	15526.7	15087.3	13785.8	12028.4	7875.2	969.9
50°	22440.3	22340.8	21802.0	21263.1	19696.4	17226.0	16703.8	14681.1	12981.7	9135.3	1251.7
52.5°	23990.5	23973.9	24040.2	24048.5	22863.1	20086.0	19306.8	16123.5	14076.0	10378.7	1649.7
55°	23957.3	24031.9	24761.4	25598.7	25689.9	23990.5	23236.1	18552.4	15501.8	11912.3	2205.1
57.5°	23062.0	23004.0	23774.9	25035.0	25922.0	26104.3	25980.0	22324.2	17648.8	13760.9	3058.9
58°	22771.9	22722.1	23451.6	24736.5	25756.2	26245.3	26120.9	23178.1	18129.6	14026.2	3291.0
60°	21719.1	21727.4	22158.4	23327.3	24346.9	25507.5	25623.5	25615.2	20525.4	15800.2	4459.9
62.5°	20326.4	20260.1	20658.0	21611.3	22506.6	23285.8	23484.8	25781.0	24031.9	18055.0	6689.8
65°	18403.2	18303.7	18726.5	19804.1	20765.8	21271.4	21279.7	23559.4	25681.6	20475.6	9873.1
67.5°	14830.3	14747.4	15593.0	16977.4	18461.2	19124.4	19422.8	20442.5	24288.9	22117.0	11696.8
70°	9085.5	9259.6	10436.8	12608.7	15145.3	16363.9	16811.6	17126.6	20682.9	21868.3	9781.9
72.5°	4194.6	3987.4	4990.4	6507.4	9400.5	12111.3	12575.5	13810.7	16397.1	18983.5	7295.0
75°	1956.4	1881.8	2113.9	2843.4	4260.9	6540.6	7386.1	11025.3	12575.5	13205.5	5264.0
77.5°	1003.1	1011.3	1202.0	1293.2	1757.4	3025.7	3473.4	7253.5	9218.2	7369.6	3531.4
80°	439.4	455.9	464.2	505.7	712.9	1168.9	1318.1	3365.6	6300.2	3755.2	1931.5
82.5°	281.9	290.1	290.1	290.1	339.9	464.2	530.5	1351.2	3141.8	1865.2	596.9
85°	149.2	149.2	165.8	207.2	240.4	281.9	298.4	431.1	1036.2	555.4	140.9
87.5°	82.9	91.2	99.5	124.3	157.5	190.7	207.2	298.4	397.9	381.3	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2
2.5°	215.5	207.2	199.0	190.7	182.4	174.1	174.1	174.1	174.1	174.1	174.1
5°	207.2	199.0	190.7	174.1	157.5	149.2	140.9	132.6	132.6	132.6	132.6
7.5°	207.2	199.0	174.1	157.5	140.9	124.3	107.8	107.8	107.8	107.8	107.8
10°	207.2	190.7	165.8	140.9	116.1	99.5	91.2	82.9	82.9	82.9	82.9
12.5°	207.2	182.4	157.5	124.3	99.5	82.9	74.6	66.3	66.3	66.3	66.3
15°	207.2	182.4	149.2	116.1	91.2	66.3	58.0	49.7	49.7	49.7	49.7
17.5°	199.0	174.1	140.9	99.5	74.6	49.7	41.4	33.2	33.2	41.4	41.4
20°	190.7	165.8	124.3	82.9	58.0	41.4	24.9	24.9	24.9	24.9	24.9
22.5°	190.7	165.8	116.1	74.6	49.7	24.9	16.6	16.6	16.6	16.6	24.9
25°	190.7	157.5	99.5	58.0	33.2	16.6	8.3	8.3	8.3	8.3	8.3
27.5°	190.7	157.5	91.2	49.7	24.9	16.6	8.3	0.0	0.0	0.0	0.0
30°	182.4	149.2	82.9	41.4	16.6	8.3	0.0	0.0	0.0	0.0	0.0
32.5°	182.4	140.9	66.3	33.2	16.6	8.3	0.0	0.0	0.0	0.0	0.0
35°	190.7	132.6	58.0	24.9	8.3	0.0	0.0	0.0	0.0	0.0	8.3
37.5°	199.0	124.3	49.7	16.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	207.2	116.1	49.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	223.8	116.1	41.4	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	240.4	116.1	33.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	273.6	124.3	33.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	298.4	132.6	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	331.6	124.3	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	373.0	124.3	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	406.2	116.1	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	422.8	107.8	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	505.7	99.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	787.5	82.9	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1599.9	74.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2984.3	66.3	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3340.8	74.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2105.6	58.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1110.8	58.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	555.4	58.0	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	257.0	41.4	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	107.8	24.9	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	49.7	24.9	16.6	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0
87.5°	24.9	24.9	24.9	16.6	16.6	8.3	8.3	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

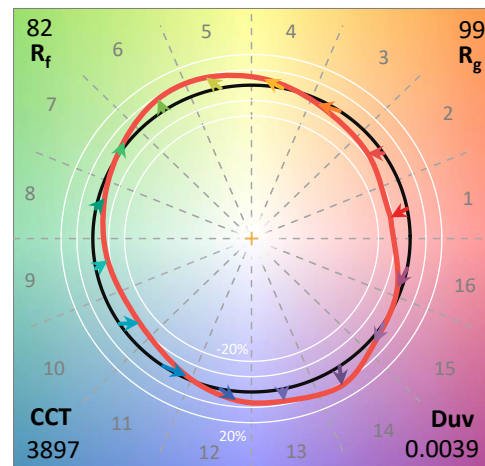
Test Information

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

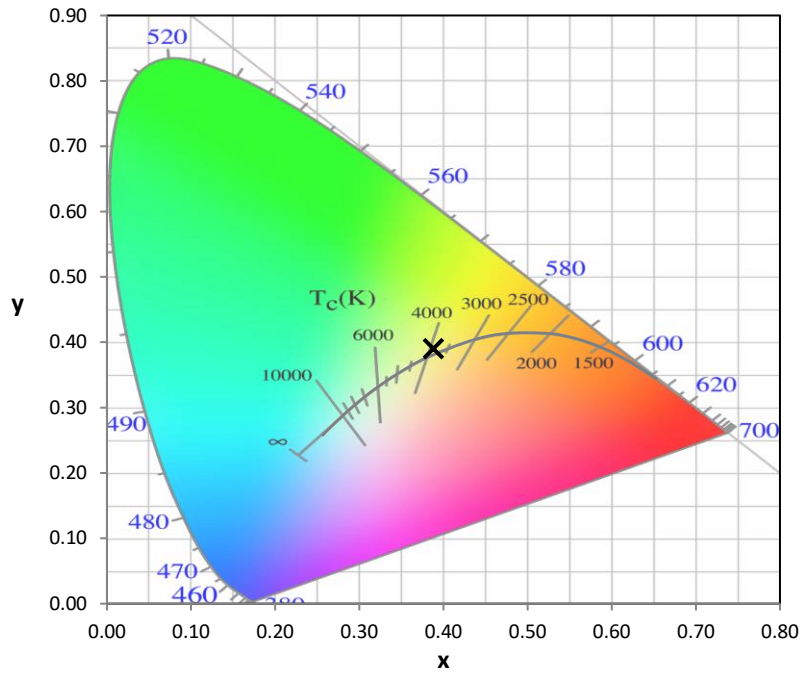
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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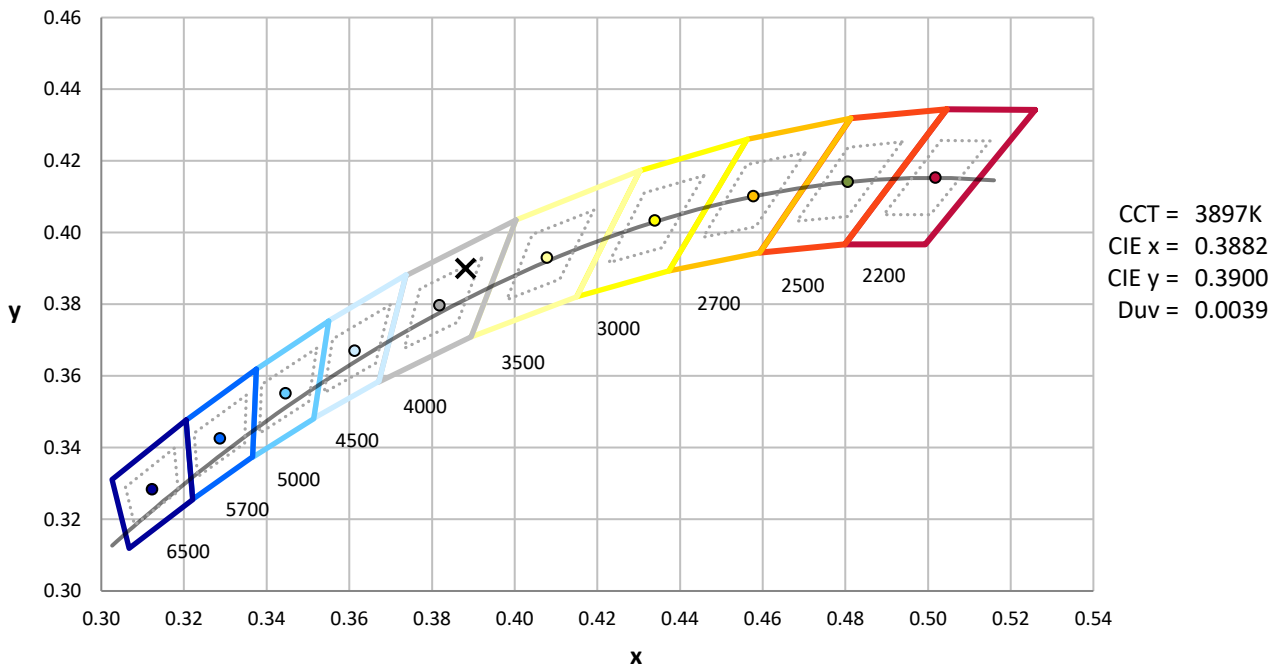
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



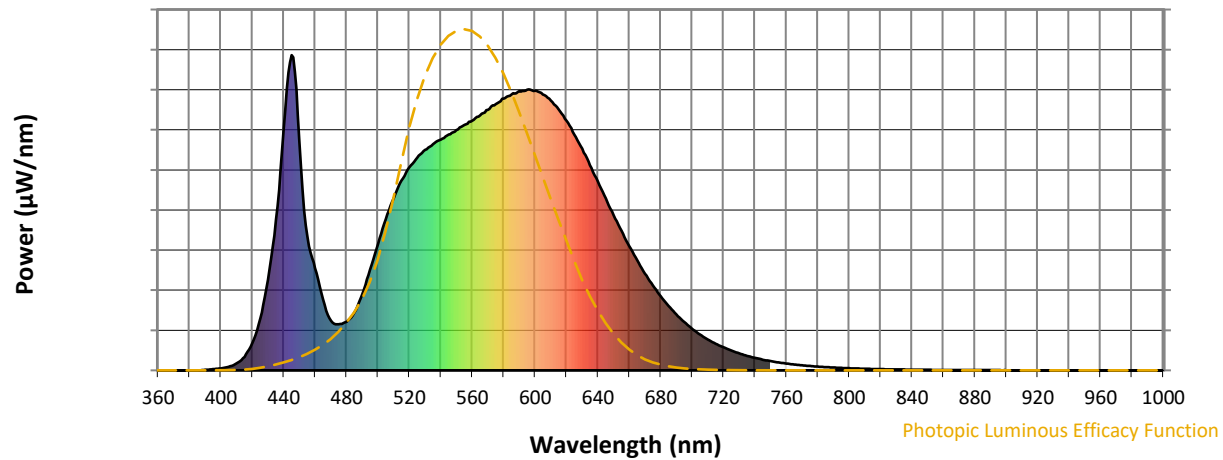
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

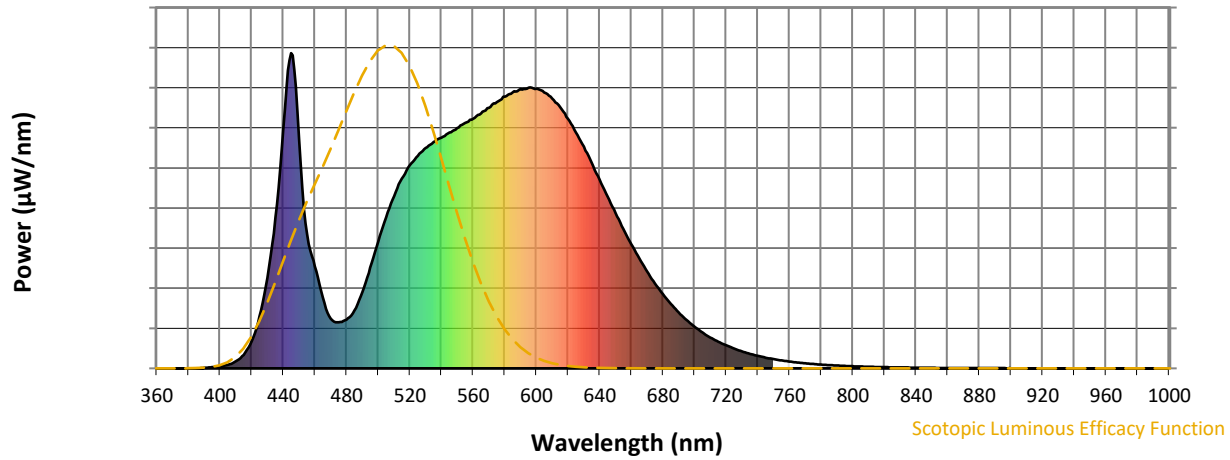


Photopic Lumens: NR

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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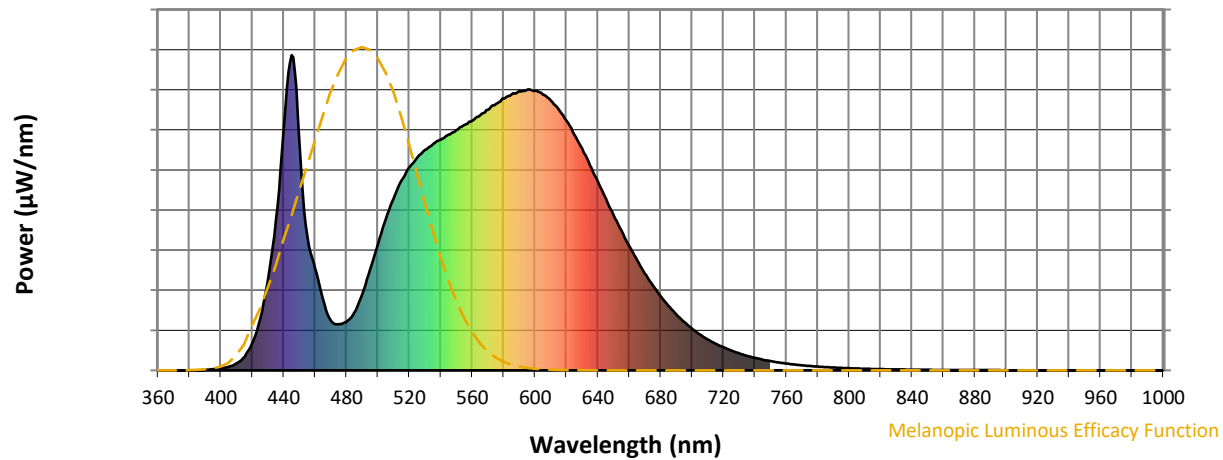
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.57

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

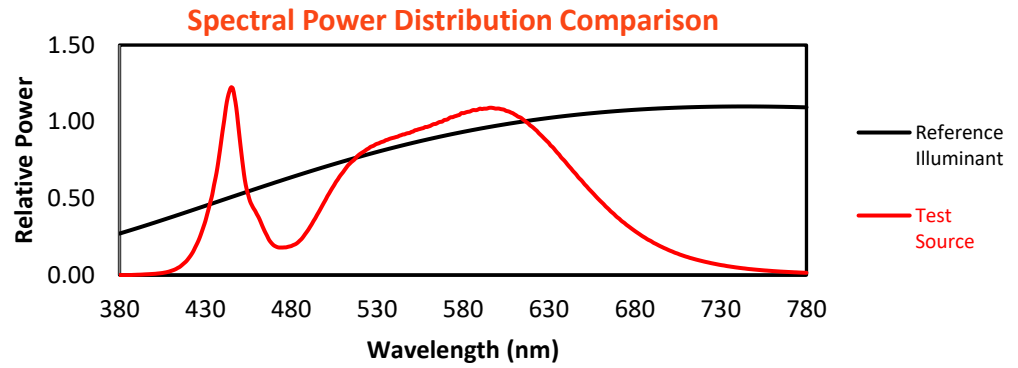
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401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

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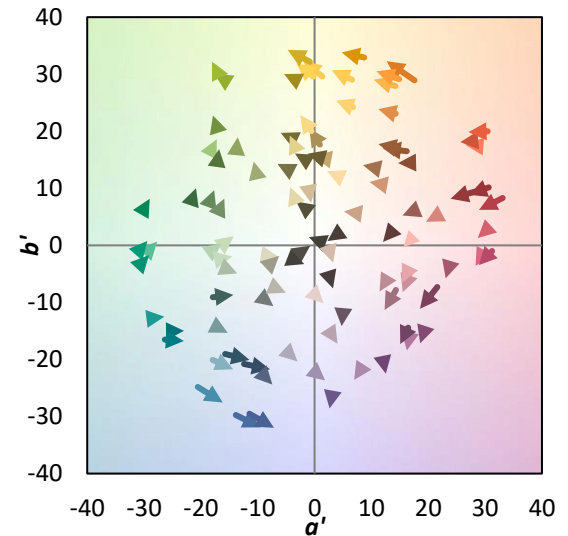
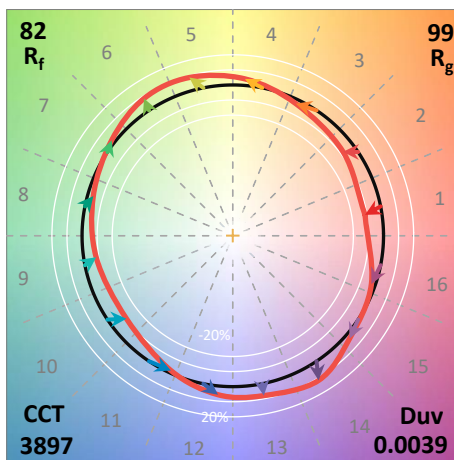
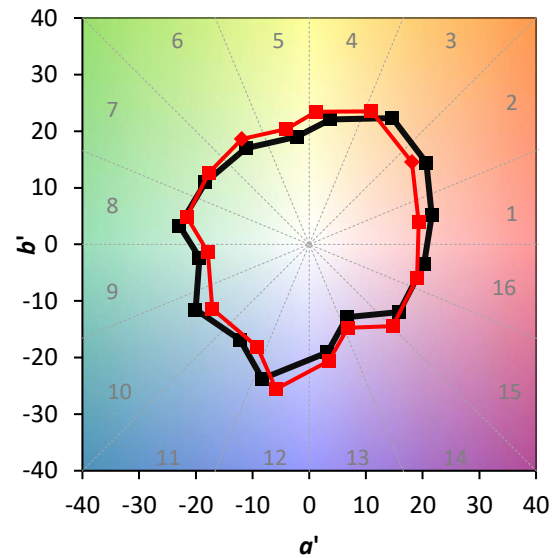
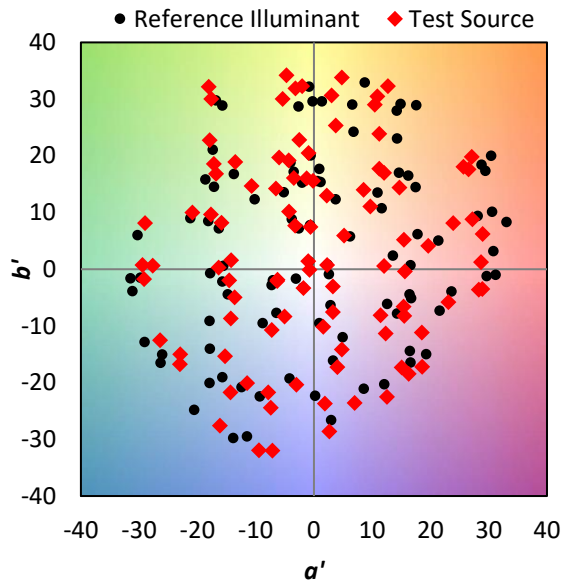
TM-30-18

Summary

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

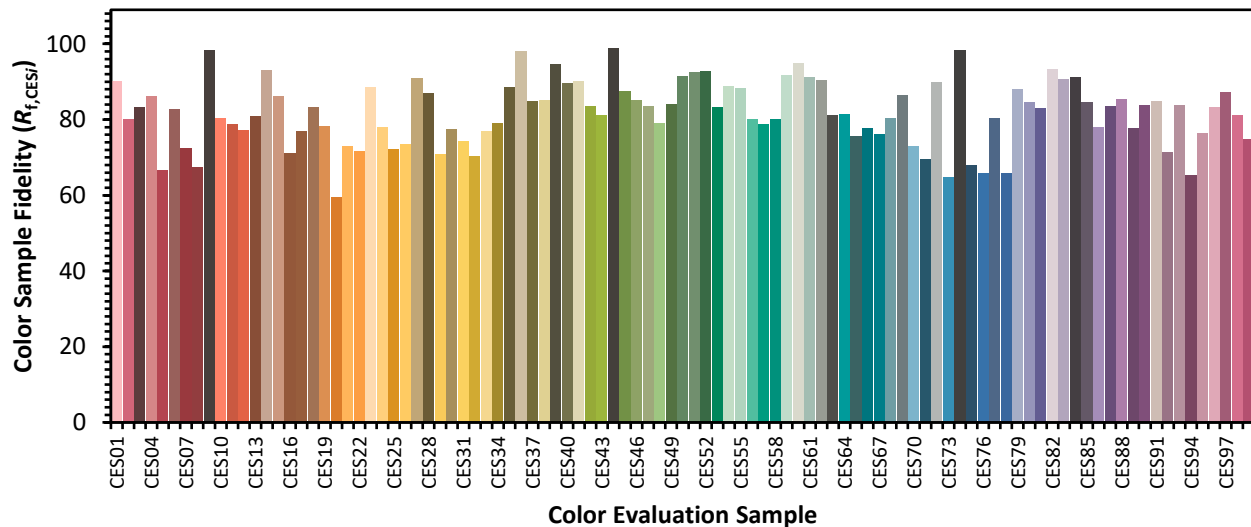


Color Vector Graphics

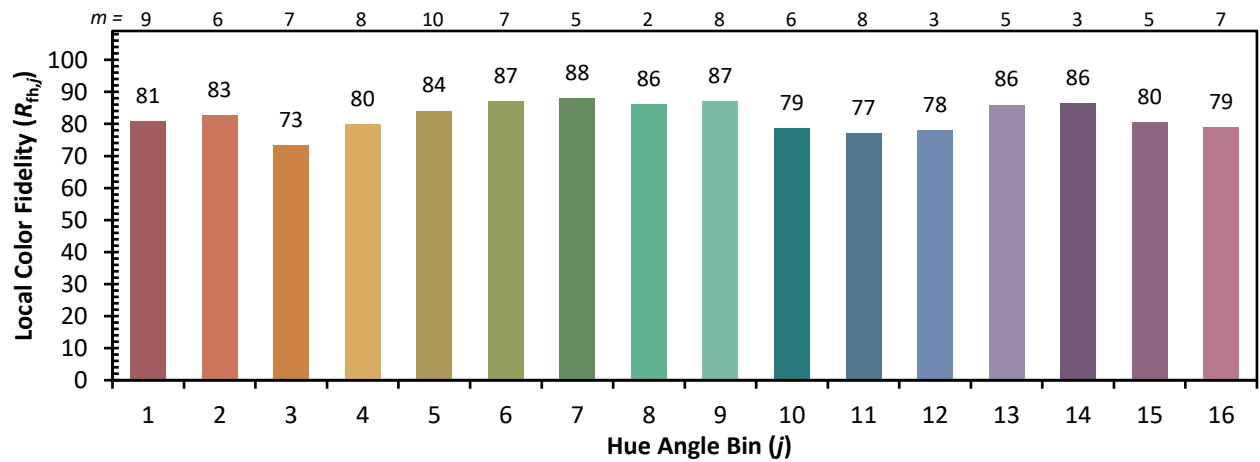
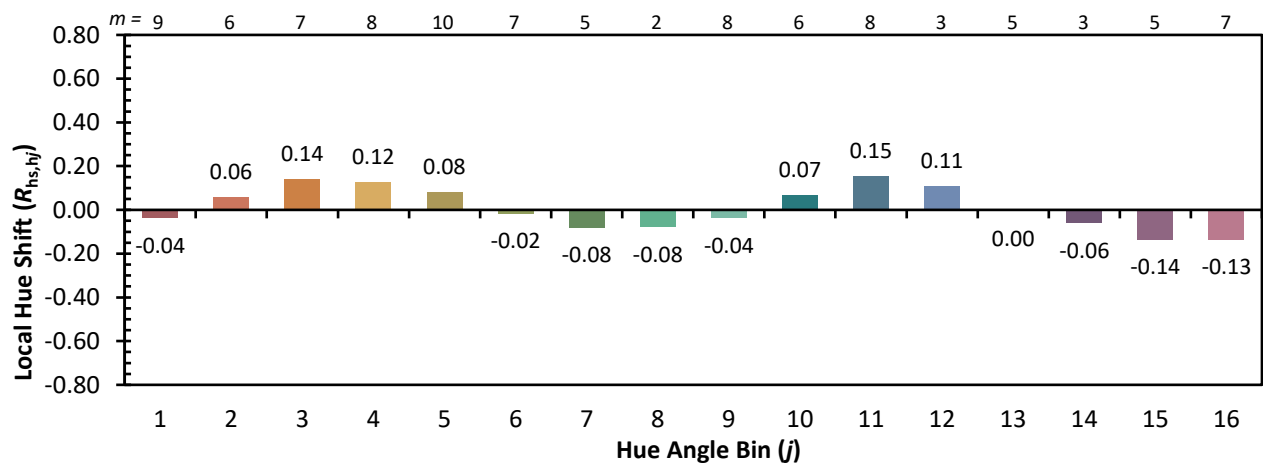
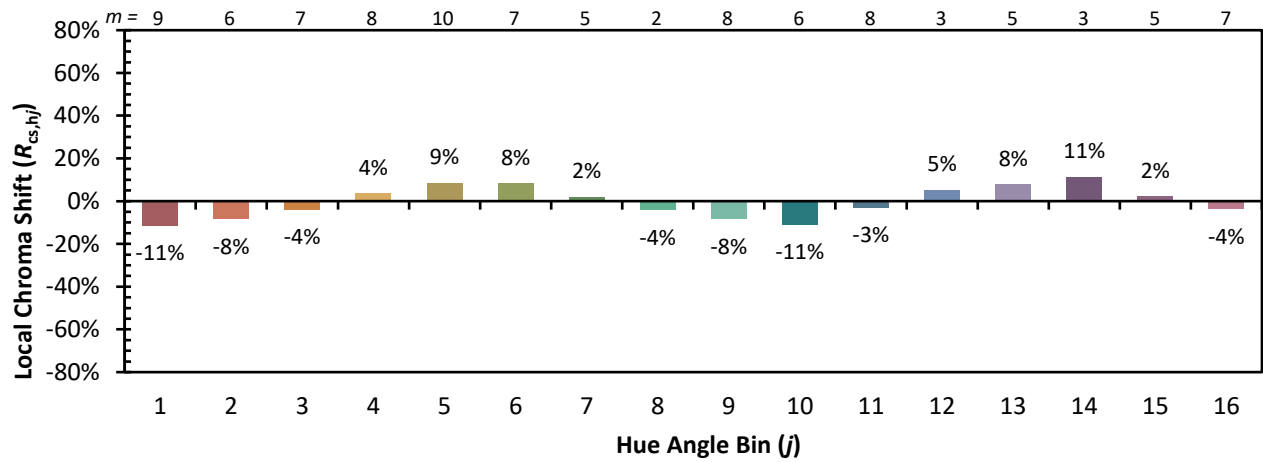


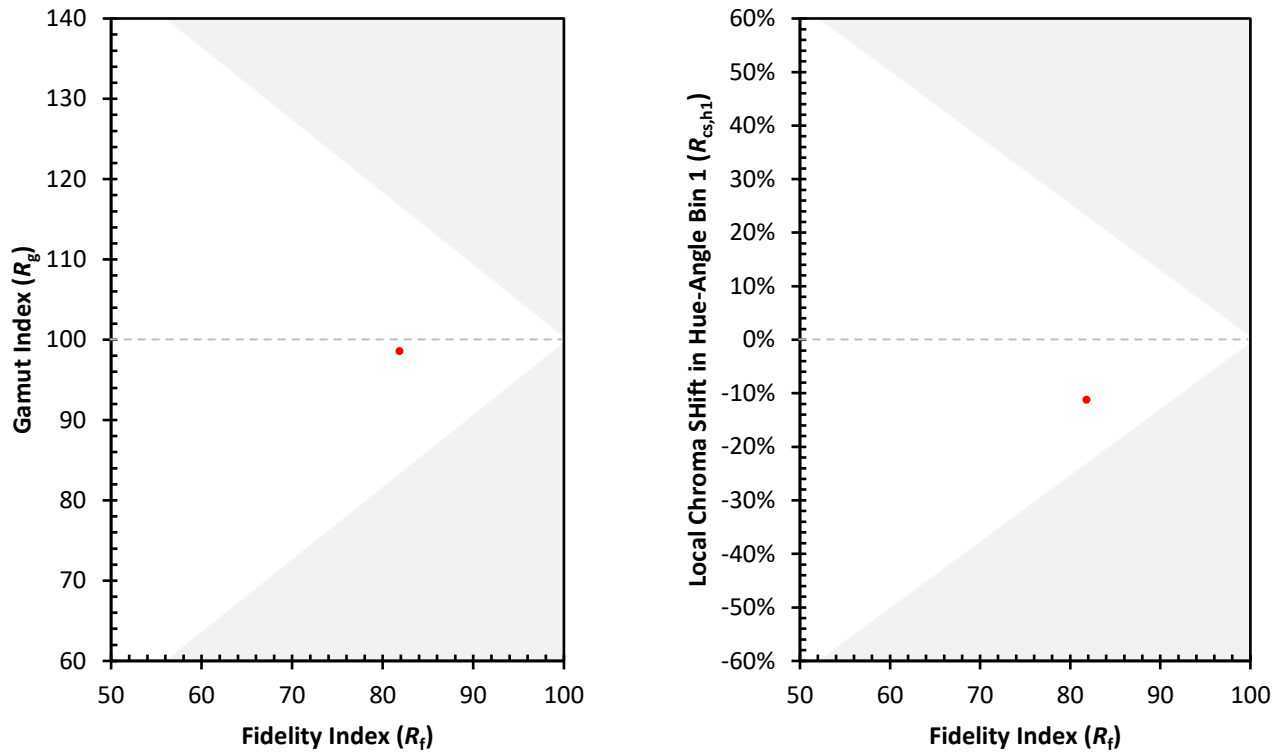
Individual Sample Fidelity Index ($R_{f,i}$)

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)