

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: P1048602

Luminaire Tested: **GALN-SA2B-840-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048602
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-840-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8459.9 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 72.8
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

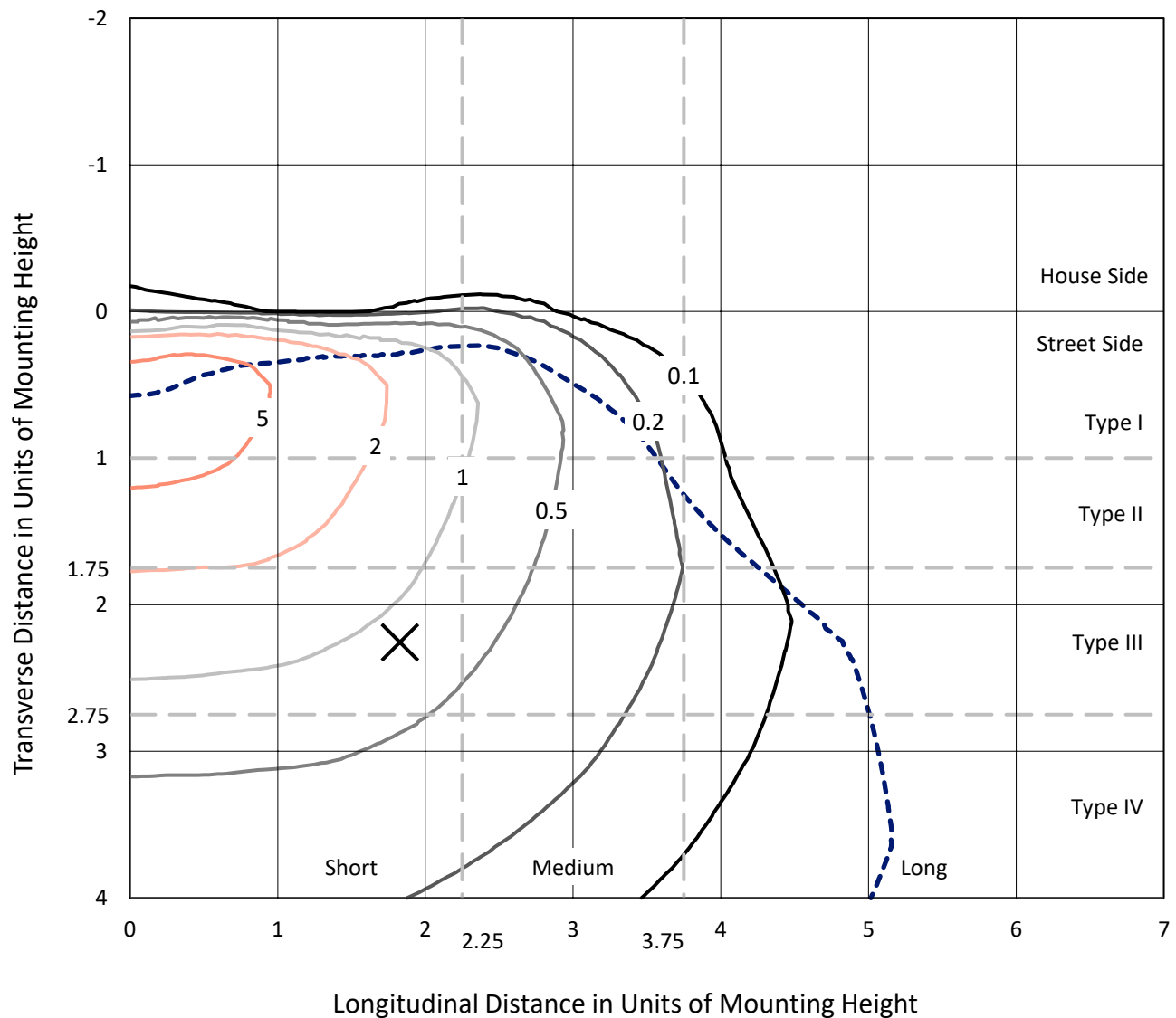


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CATALOG NUMBER: GALN-SA2B-840-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

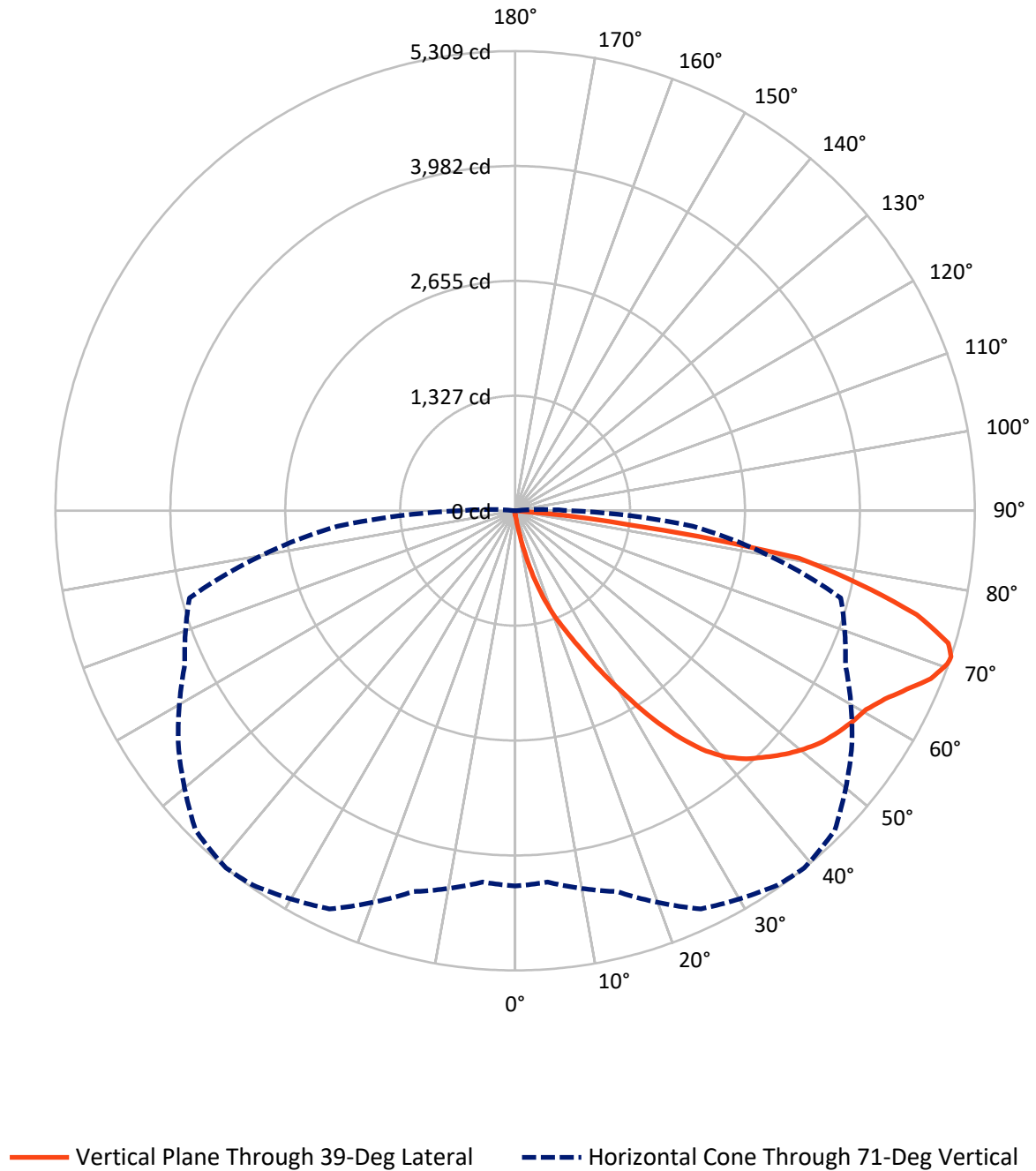


Based on 15 foot mounting height. Maximum calculated value = 8.7 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA2B-840-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.1	0.0	30.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8429.9	0.0	8429.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	8459.9	0.0	8459.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	0.1
10°-20°	90.4	1.1
20°-30°	322.0	3.8
30°-40°	776.1	9.2
40°-50°	1298.8	15.4
50°-60°	1668.2	19.7
60°-70°	2111.1	25.0
70°-80°	1882.1	22.2
80°-90°	304.2	3.6
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°	8459.9	100.0
0°-180°	8459.9	100.0



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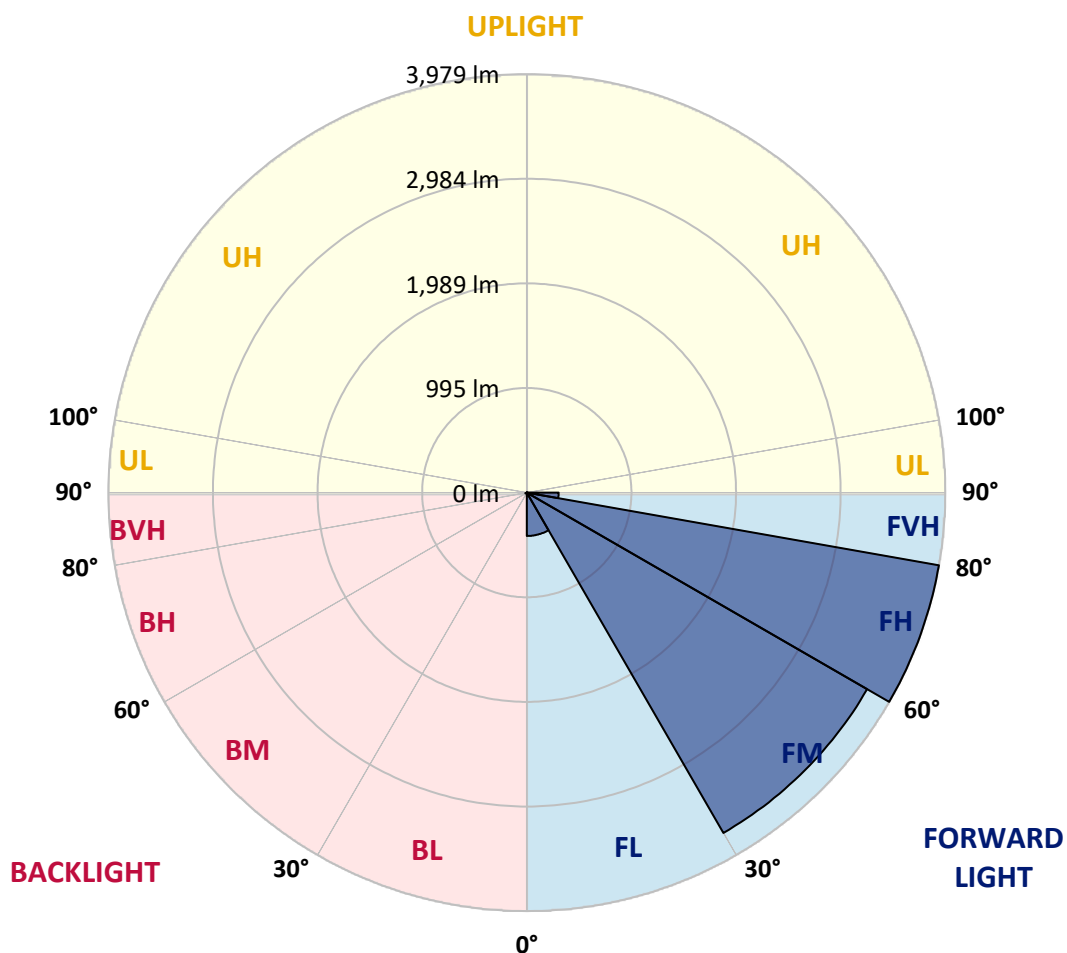
CATALOG NUMBER: GALN-SA2B-840-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	412.2	4.9			
FM	(30°-60°)	3736.1	44.2			
FH	(60°-80°)	3978.7	47.0			G2/5000
FVH	(80°-90°)	302.9	3.6			G3/500
BL	(0°-30°)	7.3	0.1	B0/110		
BM	(30°-60°)	7.0	0.1	B0/220		
BH	(60°-80°)	14.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
2.5°	53.3	53.3	53.3	51.5	51.5	51.0	50.4	50.4	49.3	48.7	47.5
5°	80.7	79.0	75.0	72.7	68.2	65.3	62.4	58.4	54.4	51.5	48.1
7.5°	182.7	186.7	173.5	148.9	123.7	112.8	94.5	76.2	63.0	54.4	48.7
10°	465.6	463.3	418.6	369.4	285.2	251.4	197.0	124.3	81.3	59.6	49.3
12.5°	792.0	789.7	737.1	670.1	558.9	488.5	385.4	231.9	116.8	67.6	49.3
15°	1066.4	1057.2	1040.6	974.2	844.2	785.2	648.9	410.0	189.0	81.3	50.4
17.5°	1247.9	1239.9	1224.4	1200.4	1117.9	1048.0	938.6	644.3	305.8	105.4	52.7
20°	1414.6	1408.8	1396.2	1391.6	1338.4	1301.2	1210.7	913.4	476.5	143.2	56.1
22.5°	1643.6	1631.6	1636.8	1609.3	1557.2	1512.5	1456.9	1195.2	684.9	206.2	62.4
25°	1924.2	1918.5	1904.2	1884.7	1812.6	1773.6	1688.3	1460.9	918.0	288.6	69.3
27.5°	2263.3	2257.0	2253.5	2208.9	2125.8	2083.5	1964.3	1711.8	1180.3	404.3	78.5
30°	2653.9	2656.7	2634.4	2577.1	2480.3	2420.8	2298.2	1974.6	1448.9	540.0	88.2
32.5°	3058.2	3052.5	3018.1	2950.5	2864.0	2808.5	2652.7	2262.7	1730.7	719.3	99.6
35°	3494.0	3483.1	3392.6	3315.3	3241.4	3171.6	3029.5	2597.2	2012.4	920.3	115.1
37.5°	3933.8	3882.9	3701.3	3603.4	3552.4	3495.1	3362.9	2954.0	2292.5	1144.8	134.0
40°	4266.0	4226.5	4011.1	3830.7	3790.1	3741.4	3642.9	3262.1	2590.3	1385.9	156.9
42.5°	4449.8	4428.1	4234.5	4056.4	3960.7	3917.8	3833.6	3531.2	2884.7	1652.2	190.1
45°	4528.3	4494.5	4365.1	4282.0	4129.7	4058.7	3958.5	3734.5	3192.2	1954.6	236.5
47.5°	4504.2	4484.8	4392.0	4422.3	4311.8	4201.3	4054.1	3890.3	3455.1	2301.7	300.1
50°	4353.0	4336.4	4307.8	4472.2	4458.4	4327.8	4177.8	4013.4	3669.8	2659.6	398.6
52.5°	4065.6	4058.7	4132.0	4433.2	4541.5	4439.5	4296.9	4122.2	3870.3	3033.6	539.5
55°	3695.0	3723.1	3932.7	4372.5	4583.8	4522.0	4402.3	4224.2	4031.2	3368.0	747.4
57.5°	3542.7	3550.1	3811.8	4329.6	4602.7	4594.7	4504.8	4321.5	4178.9	3635.5	1064.6
60°	3720.8	3709.3	3847.4	4362.2	4640.5	4660.0	4595.9	4412.0	4307.2	3865.1	1487.3
62.5°	4042.6	4036.3	4080.4	4501.4	4751.1	4790.6	4722.4	4477.3	4420.6	4016.3	1969.5
65°	4330.1	4317.0	4398.9	4748.2	4945.2	4973.3	4913.7	4589.0	4470.4	4126.3	2422.5
67.5°	4454.4	4451.5	4583.3	4983.0	5149.1	5179.4	5127.3	4743.0	4459.0	4161.2	2622.4
70°	4397.7	4386.8	4597.6	5082.7	5264.2	5298.6	5248.2	4800.3	4334.7	4050.7	2326.3
71°	4335.3	4306.1	4554.6	5075.8	5280.2	5309.4	5221.2	4748.2	4209.9	3893.7	2057.7
72.5°	4141.7	4146.9	4436.7	5004.2	5241.9	5233.3	5068.9	4561.5	4059.3	3537.5	1652.8
75°	3665.2	3695.6	4054.7	4703.5	4899.4	4790.0	4538.6	4204.7	3756.9	2536.5	1147.7
77.5°	2995.2	3040.4	3435.0	4125.1	4069.6	4058.7	4048.4	3704.8	3208.2	1362.4	798.3
80°	1430.0	1527.9	2072.0	2944.8	3199.1	3322.2	3244.9	2985.5	2480.9	648.9	477.1
82.5°	93.3	92.2	130.6	247.4	1042.9	1348.1	2141.9	2133.9	1729.5	316.1	194.7
85°	44.1	45.2	49.8	56.7	65.9	72.2	99.6	584.1	827.5	150.6	42.4
87.5°	25.8	26.3	30.9	39.5	51.5	57.3	68.2	87.6	107.7	83.0	9.2
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: P1048602

CATALOG NUMBER: GALN-SA2B-840-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
2.5°	47.0	46.4	44.7	43.0	41.2	40.1	39.5	40.1	40.1	40.7	40.7
5°	47.0	45.2	42.4	38.9	36.7	34.4	33.2	32.6	33.2	33.2	33.2
7.5°	46.4	43.5	39.5	35.5	32.6	29.8	28.6	28.1	28.1	28.6	28.6
10°	45.2	42.4	37.2	32.6	29.2	25.8	24.1	22.3	22.3	22.3	22.9
12.5°	44.7	40.7	34.4	29.8	25.2	21.2	17.8	16.0	16.6	16.6	16.6
15°	43.5	38.9	32.6	26.9	21.2	16.0	13.2	11.5	12.0	12.6	12.0
17.5°	43.5	38.4	30.4	23.5	16.6	12.0	9.7	8.6	8.6	9.2	9.2
20°	43.5	37.2	28.6	20.0	12.6	9.2	6.9	6.3	6.3	7.4	8.0
22.5°	44.7	37.2	26.3	16.6	10.3	6.9	5.2	4.6	5.2	6.3	6.9
25°	46.4	36.7	24.1	14.9	8.6	5.2	4.0	2.9	3.4	4.6	5.2
27.5°	48.1	36.1	21.8	13.2	6.9	4.0	2.9	2.3	1.7	2.3	2.3
30°	49.8	36.1	19.5	10.9	5.7	2.9	1.7	1.1	0.6	0.0	0.0
32.5°	51.0	34.9	17.8	8.6	4.6	2.3	1.1	0.6	0.0	0.0	0.0
35°	52.1	33.8	15.5	6.9	3.4	1.7	0.6	0.0	0.0	0.0	0.0
37.5°	53.3	32.1	13.2	5.7	2.9	1.1	0.0	0.0	0.0	0.0	0.0
40°	54.4	29.8	10.9	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	55.6	28.1	9.2	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	58.4	26.9	7.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	63.6	25.8	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	71.0	24.6	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	81.3	24.1	5.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	99.6	23.5	5.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	131.1	22.9	5.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	201.0	21.8	5.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	359.1	21.2	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	626.0	21.8	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	897.4	22.9	4.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	768.0	20.0	4.0	2.3	1.1	0.6	0.0	0.0	0.0	0.0	0.0
71°	626.0	17.8	4.0	2.3	1.1	0.6	0.6	0.0	0.0	0.0	0.0
72.5°	402.6	13.7	3.4	2.3	1.1	1.1	0.6	0.0	0.0	0.0	0.0
75°	170.1	11.5	3.4	2.3	1.7	1.1	1.1	0.6	0.0	0.0	0.0
77.5°	72.7	8.6	3.4	2.9	2.3	1.7	1.7	1.1	0.6	0.0	0.0
80°	27.5	6.9	4.0	3.4	2.9	2.9	2.3	1.1	0.6	0.0	0.0
82.5°	12.6	5.7	4.0	3.4	3.4	2.9	2.3	1.7	1.1	0.0	0.0
85°	8.0	5.2	4.0	3.4	3.4	2.9	2.9	1.7	1.1	0.0	0.0
87.5°	6.3	5.2	4.0	4.0	3.4	3.4	2.3	1.7	0.6	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

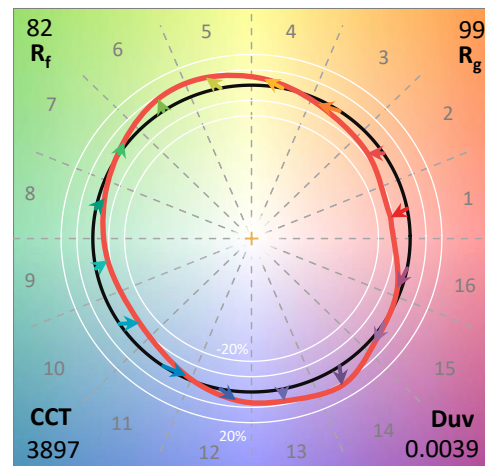
Test Information

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

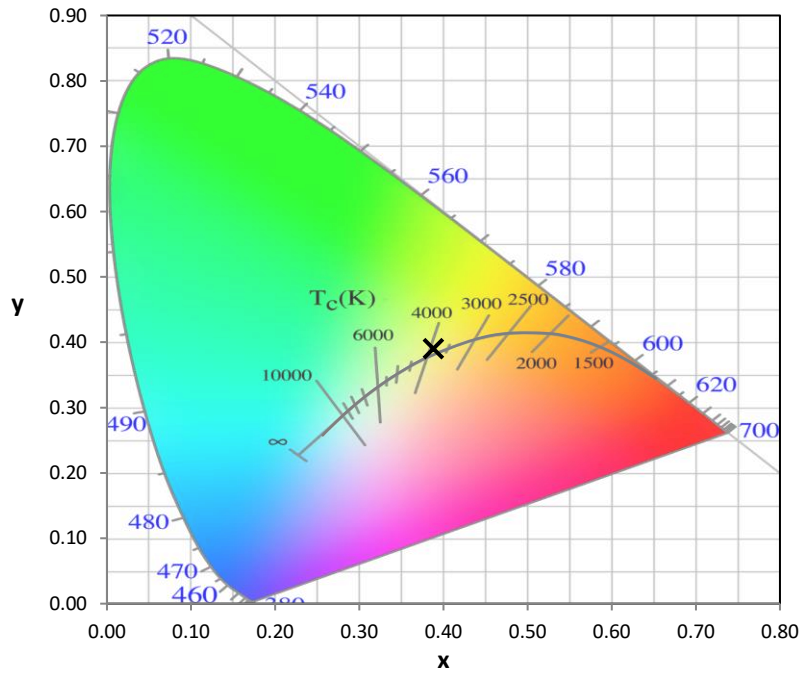
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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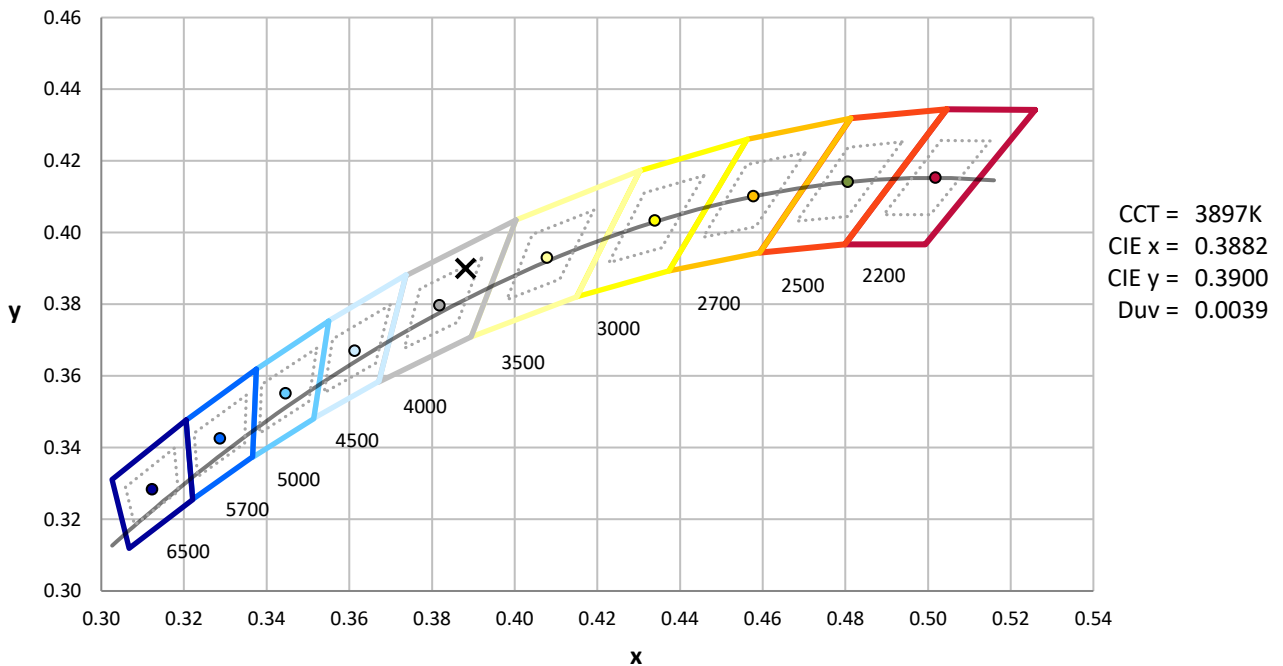
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



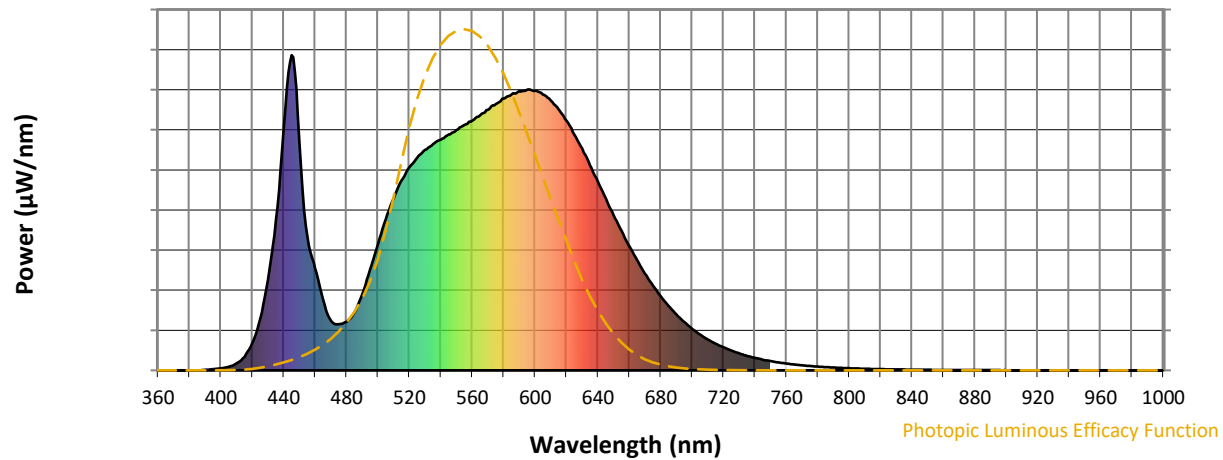
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

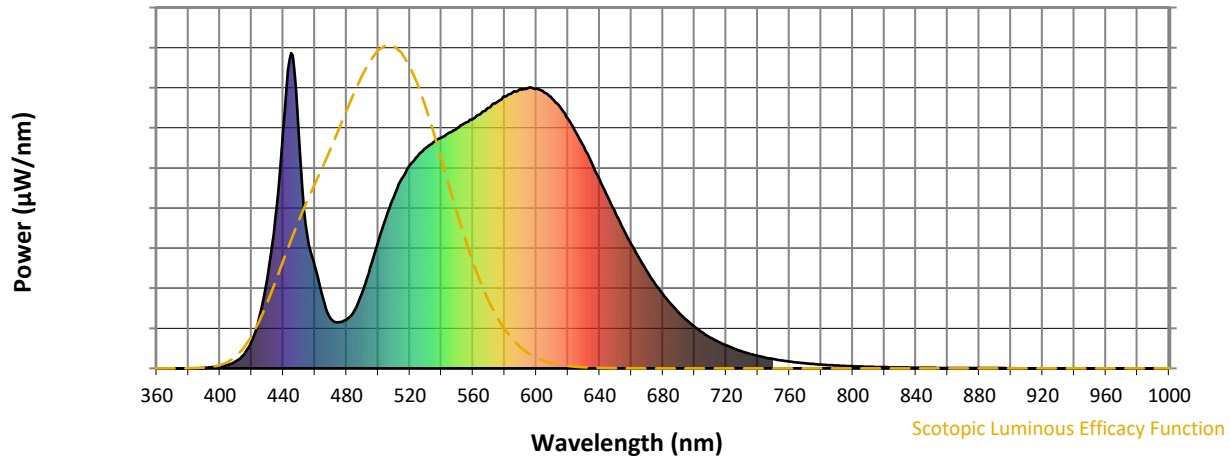


Photopic Lumens: NR

λ (nm)	Power W [^] /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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Scotopic Flux vs. Wavelength



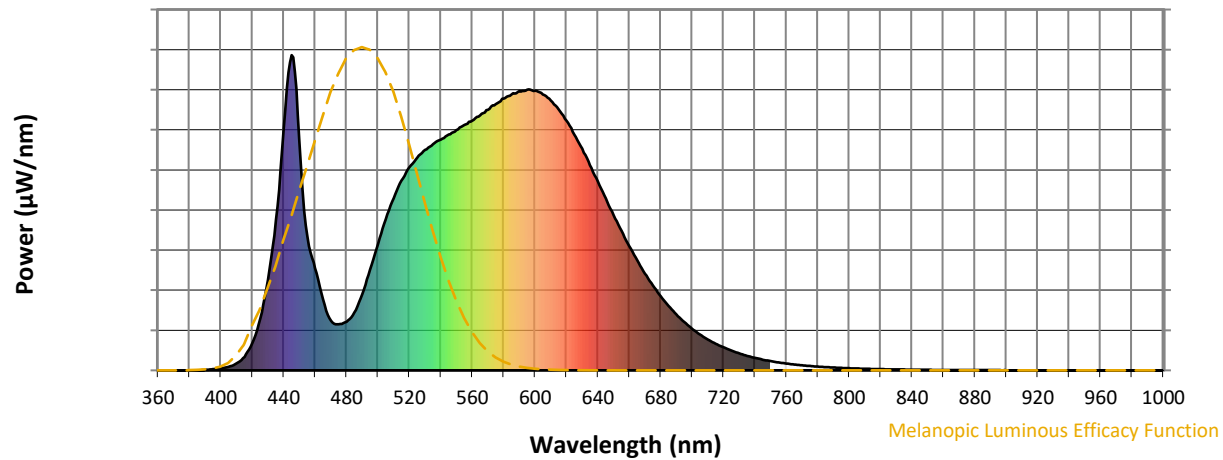
Scotopic Lumens: NR

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

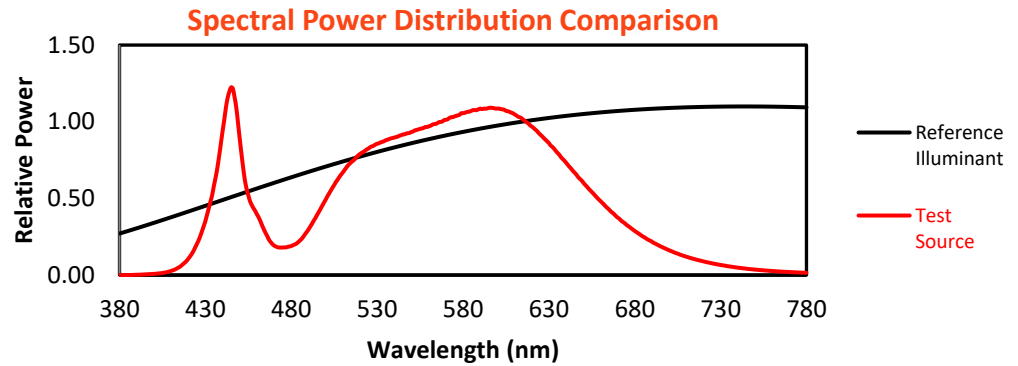
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401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

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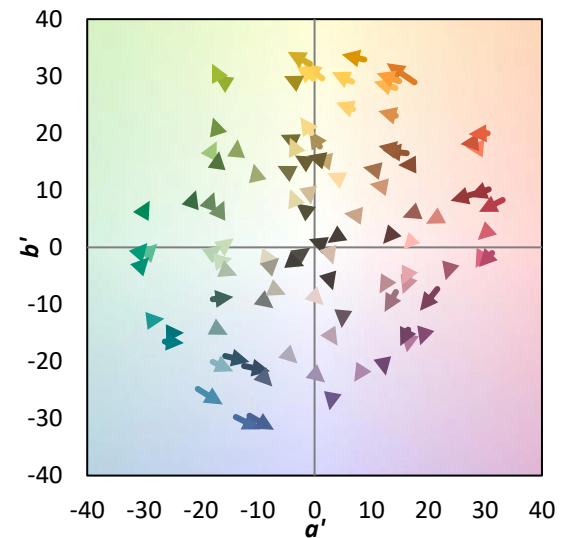
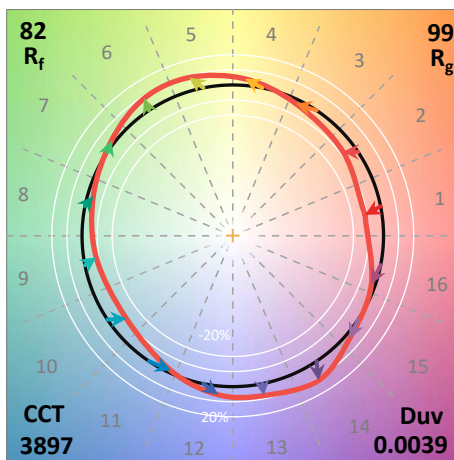
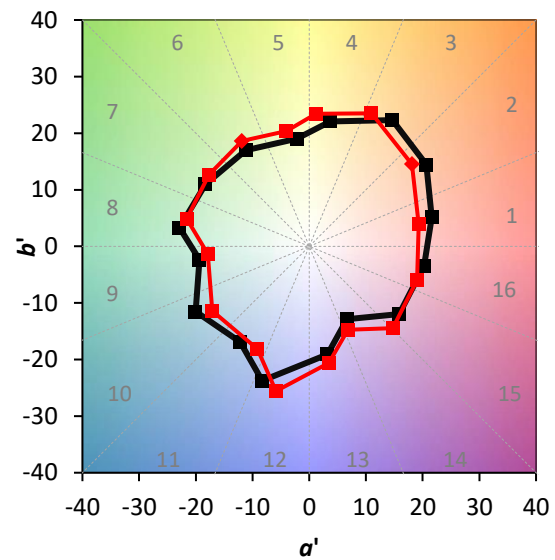
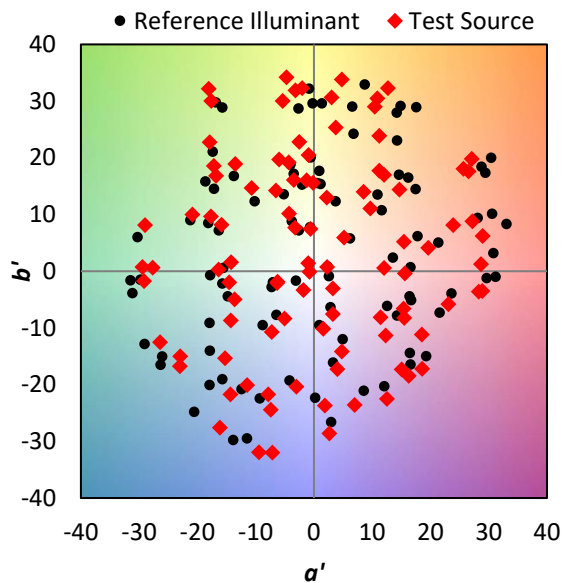
TM-30-18

Summary

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

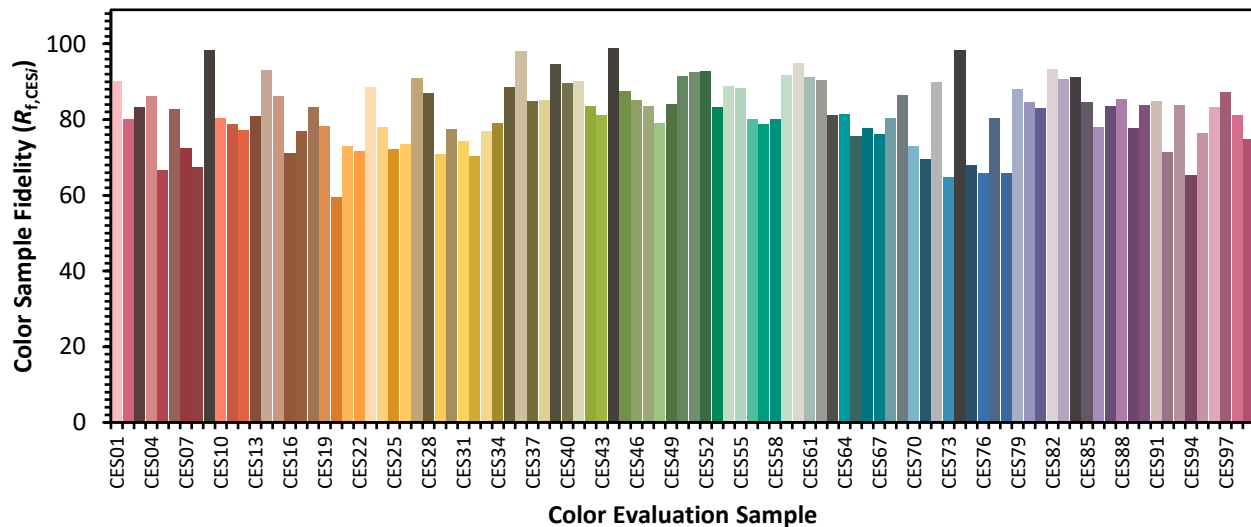


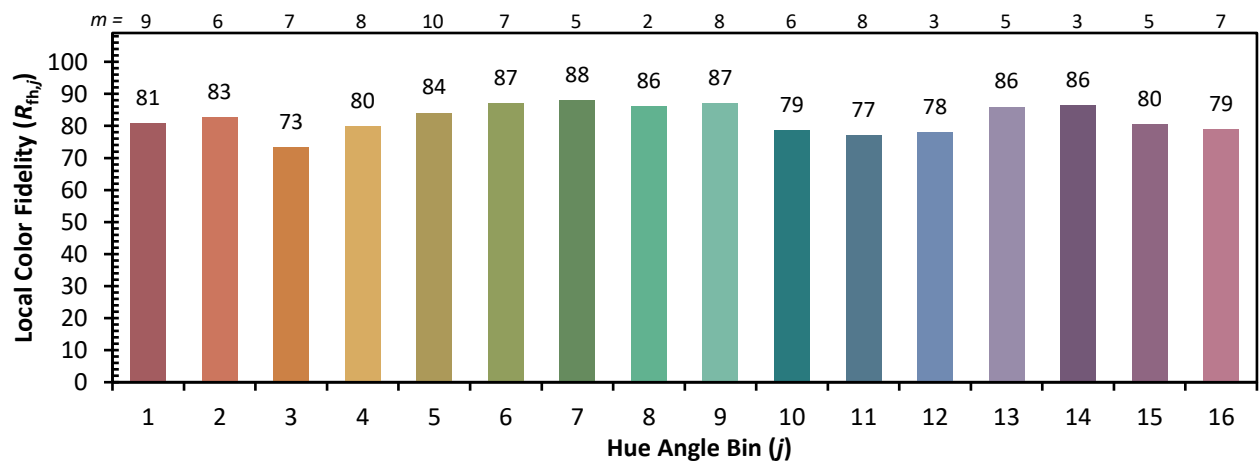
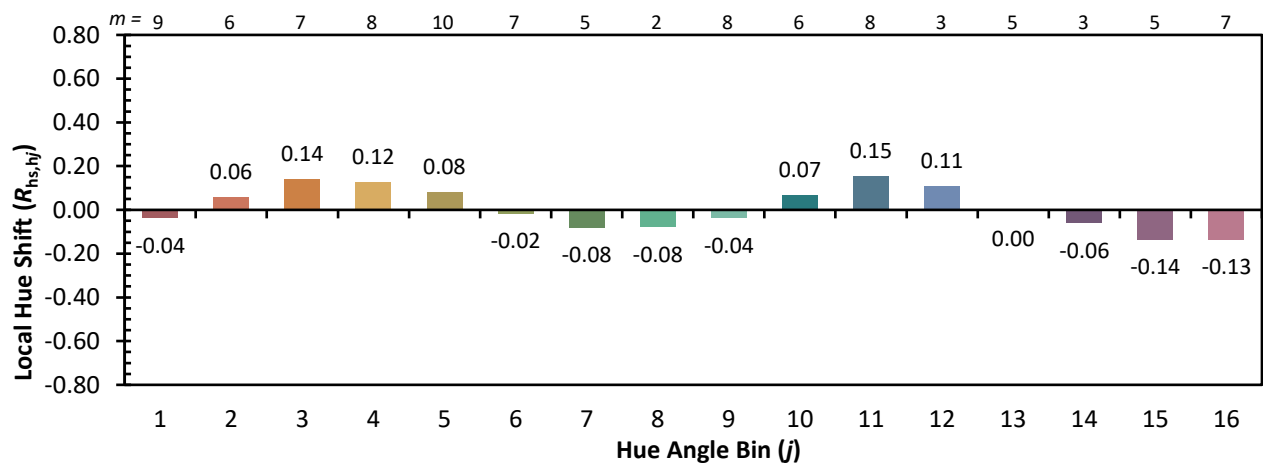
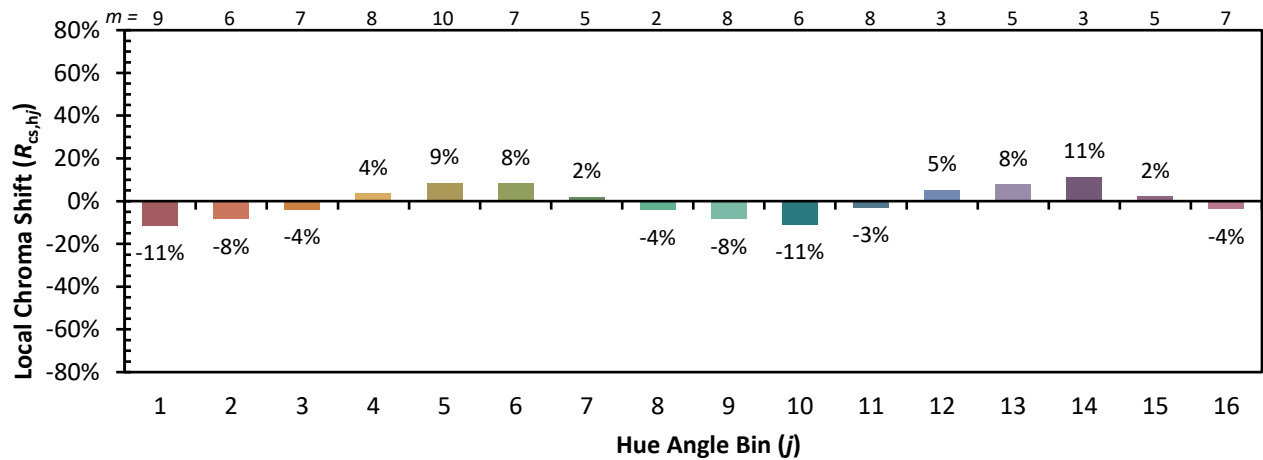
Color Vector Graphics



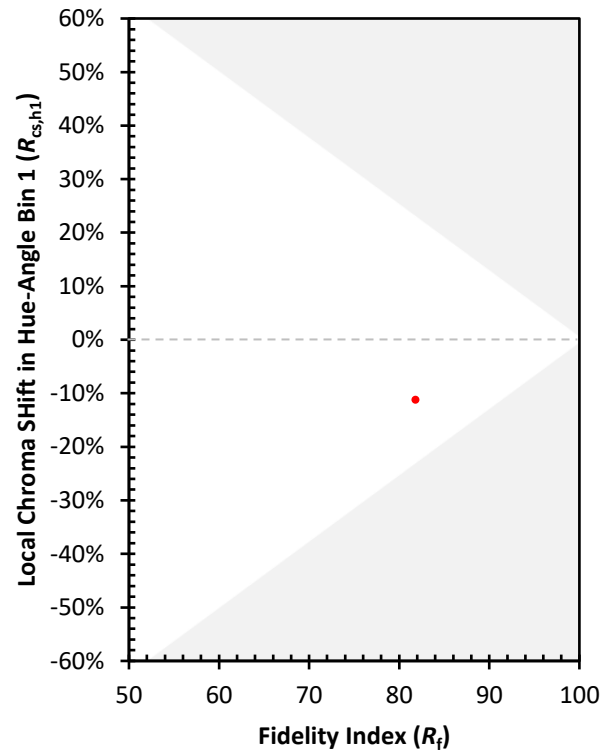
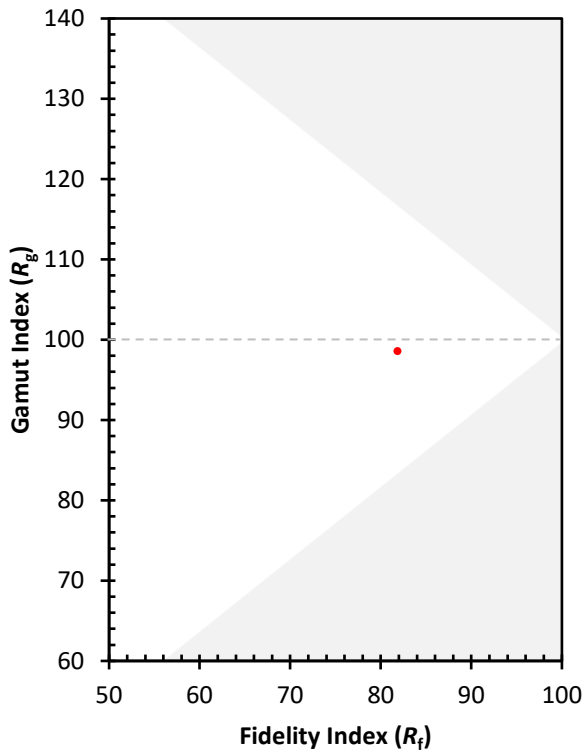
Individual Sample Fidelity Index ($R_{f,i}$)

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)