

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: P1047379

Luminaire Tested: **GALN-SA2C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047379
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10847.4 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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



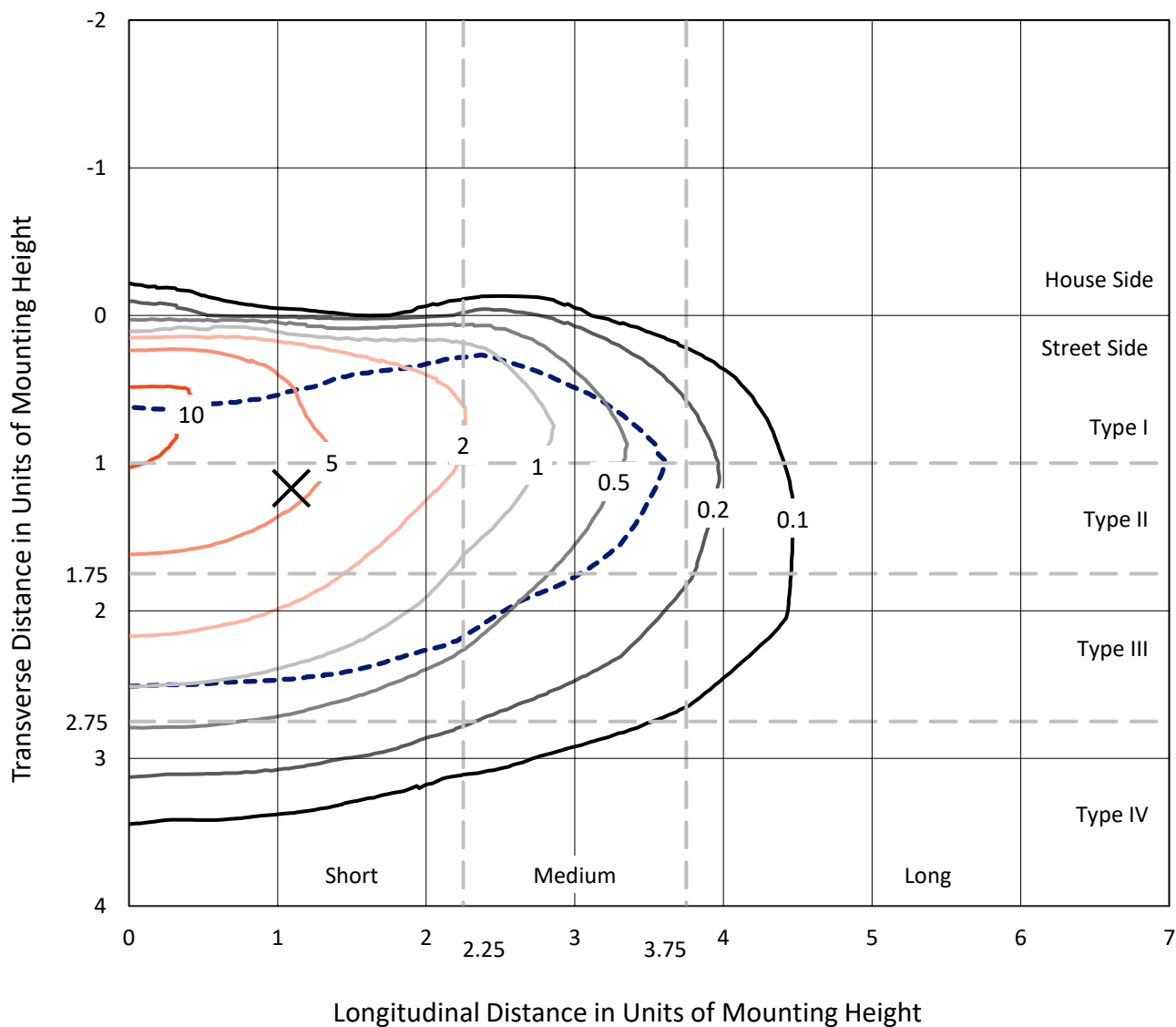
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CATALOG NUMBER: GALN-SA2C-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

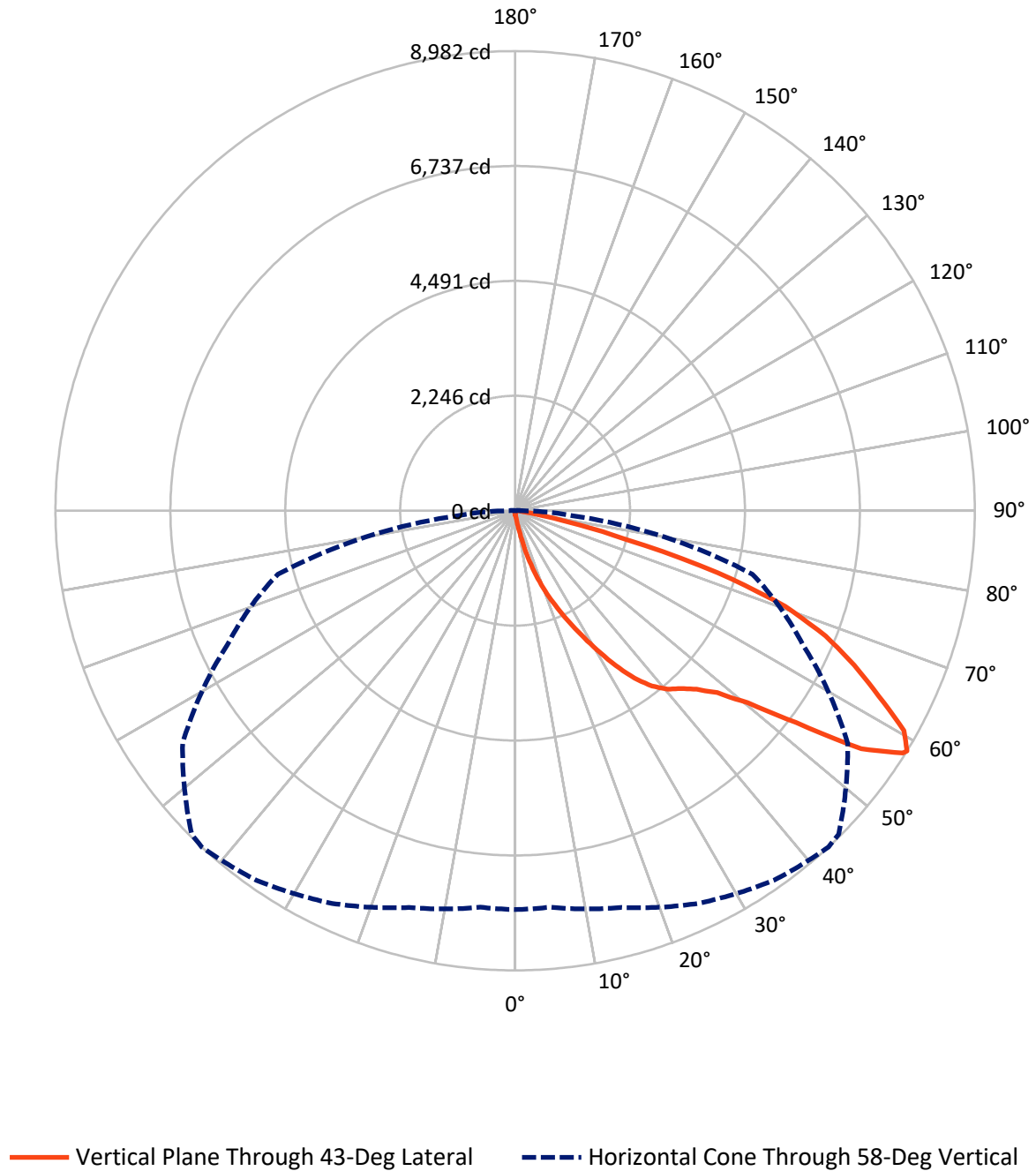


Based on 15 foot mounting height. Maximum calculated value = 12.2 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA2C-840-U-T3BC

Luminous Intensity Polar Plot



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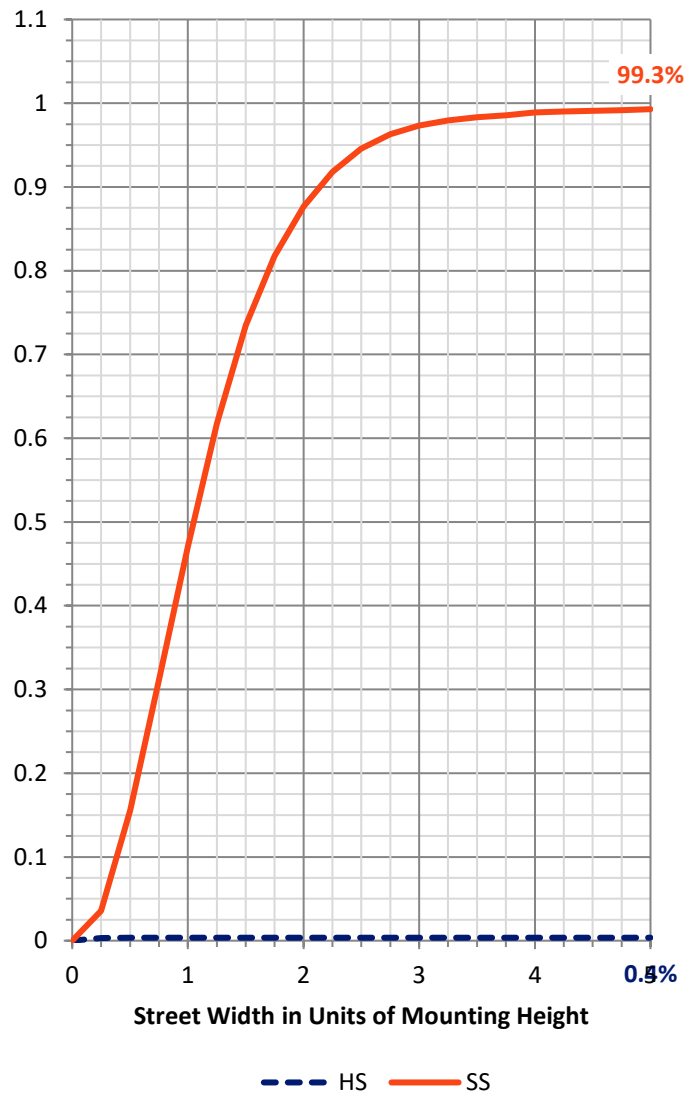
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	39.6	0.0	39.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10807.8	0.0	10807.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	10847.4	0.0	10847.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.4	0.1
10°-20°	124.7	1.1
20°-30°	449.4	4.1
30°-40°	1028.3	9.5
40°-50°	1734.3	16.0
50°-60°	2862.0	26.4
60°-70°	3198.7	29.5
70°-80°	1320.7	12.2
80°-90°	119.1	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°	10847.4	100.0
0°-180°	10847.4	100.0



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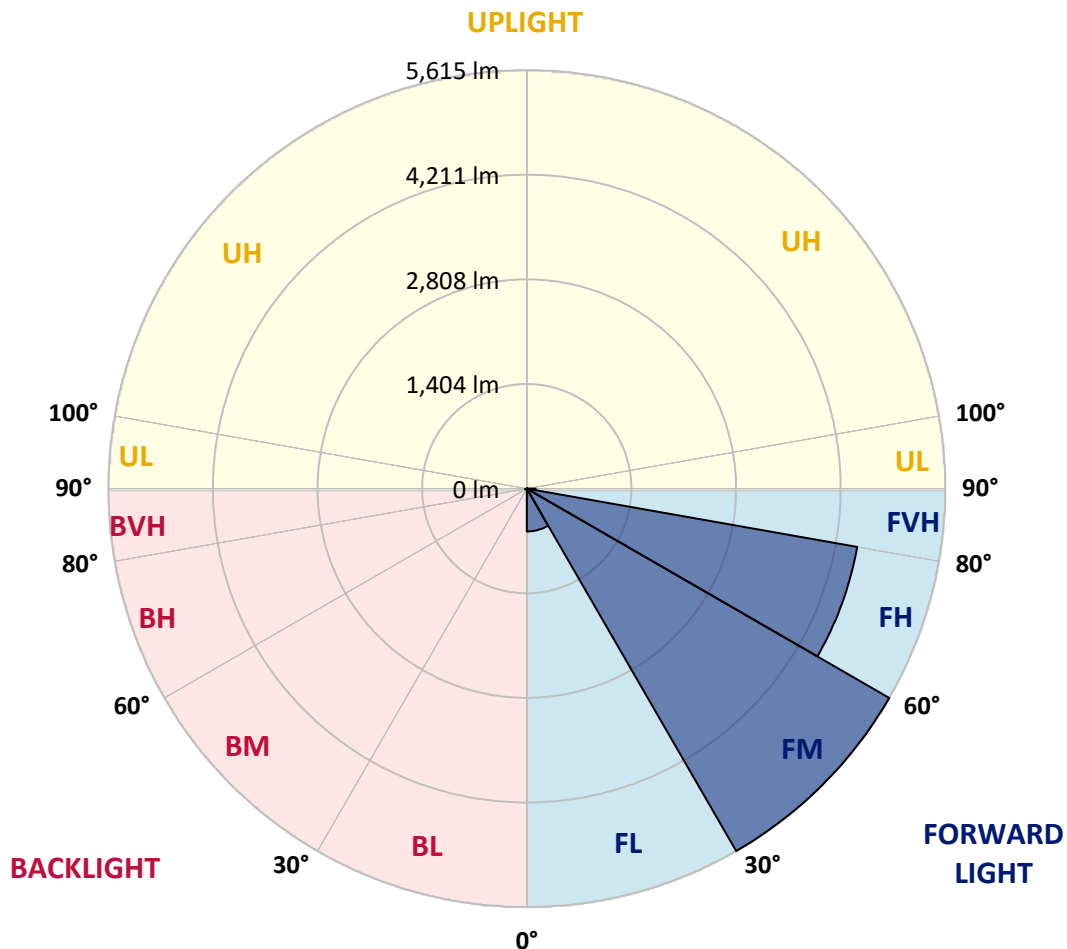
CATALOG NUMBER: GALN-SA2C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	574.2	5.3			
FM	(30°-60°)	5615.1	51.8			
FH	(60°-80°)	4501.2	41.5			G2/5000
FVH	(80°-90°)	117.4	1.1			G2/225
BL	(0°-30°)	10.3	0.1	B0/110		
BM	(30°-60°)	9.5	0.1	B0/220		
BH	(60°-80°)	18.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G2

Type III Short



REPORT NUMBER: P1047379

CATALOG NUMBER: GALN-SA2C-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2.5°	85.1	87.9	85.1	85.1	85.1	82.3	82.3	79.4	79.4	76.6	73.8
5°	124.8	124.8	116.3	110.6	105.0	102.1	99.3	93.6	87.9	82.3	76.6
7.5°	278.0	278.0	252.5	218.5	173.1	147.5	141.9	116.3	99.3	87.9	76.6
10°	663.9	663.9	607.1	513.5	397.2	295.1	263.8	167.4	119.2	93.6	79.4
12.5°	1103.6	1117.8	1046.9	927.7	754.7	575.9	513.5	306.4	158.9	102.1	79.4
15°	1498.0	1463.9	1444.1	1330.6	1166.0	953.3	873.8	516.3	229.8	116.3	79.4
17.5°	1764.6	1764.6	1736.3	1659.7	1509.3	1322.1	1256.8	834.1	371.7	133.3	82.3
20°	2076.7	2076.7	2025.7	1971.8	1838.4	1679.5	1617.1	1185.9	575.9	170.2	82.3
22.5°	2454.1	2459.7	2403.0	2306.5	2178.9	2003.0	1949.1	1512.2	834.1	227.0	85.1
25°	2913.7	2919.3	2837.1	2746.3	2550.5	2360.4	2278.2	1886.6	1149.0	317.8	85.1
27.5°	3421.5	3461.2	3339.2	3183.2	2976.1	2737.8	2675.3	2224.3	1461.1	448.3	90.8
30°	4054.2	4054.2	3892.4	3674.0	3449.9	3154.8	3075.4	2578.9	1793.0	621.3	96.5
32.5°	4598.9	4556.3	4349.2	4119.4	3881.1	3605.9	3520.8	2950.5	2133.5	836.9	107.8
35°	5015.9	4979.0	4723.7	4476.9	4269.8	4017.3	3915.1	3353.4	2493.8	1080.9	124.8
37.5°	5373.4	5359.2	5013.1	4703.8	4567.7	4346.4	4255.6	3733.6	2848.4	1344.8	144.7
40°	5764.9	5719.5	5350.7	4967.7	4763.4	4584.7	4502.4	4040.0	3188.9	1654.0	173.1
42.5°	6099.7	6045.8	5713.8	5339.3	4990.4	4749.2	4669.8	4298.1	3520.8	1963.2	209.9
45°	6471.3	6443.0	6108.2	5824.5	5359.2	4973.4	4868.4	4505.2	3824.4	2332.1	258.2
47.5°	7030.2	6979.2	6667.1	6434.4	5895.4	5313.8	5163.4	4718.0	4116.6	2695.2	331.9
50°	7679.9	7645.9	7461.5	7277.0	6740.8	5895.4	5716.7	5024.4	4442.8	3126.4	428.4
52.5°	8210.4	8204.8	8227.5	8230.3	7824.6	6874.2	6607.5	5518.1	4817.3	3552.0	564.6
55°	8199.1	8224.6	8474.3	8760.8	8792.0	8210.4	7952.3	6349.3	5305.3	4076.8	754.7
57.5°	7892.7	7872.8	8136.7	8567.9	8871.5	8933.9	8891.3	7640.2	6040.1	4709.5	1046.9
58°	7793.4	7776.4	8026.0	8465.8	8814.7	8982.1	8939.6	7932.4	6204.6	4800.3	1126.3
60°	7433.1	7435.9	7583.5	7983.5	8332.4	8729.6	8769.3	8766.5	7024.6	5407.4	1526.3
62.5°	6956.5	6933.8	7069.9	7396.2	7702.6	7969.3	8037.4	8823.2	8224.6	6179.1	2289.5
65°	6298.3	6264.2	6408.9	6777.7	7106.8	7279.9	7282.7	8062.9	8789.2	7007.5	3378.9
67.5°	5075.5	5047.1	5336.5	5810.3	6318.1	6545.1	6647.2	6996.2	8312.6	7569.3	4003.1
70°	3109.4	3169.0	3571.9	4315.2	5183.3	5600.3	5753.5	5861.4	7078.5	7484.2	3347.7
72.5°	1435.6	1364.6	1707.9	2227.1	3217.2	4144.9	4303.8	4726.5	5611.7	6496.9	2496.6
75°	669.5	644.0	723.4	973.1	1458.2	2238.4	2527.8	3773.3	4303.8	4519.4	1801.5
77.5°	343.3	346.1	411.4	442.6	601.5	1035.5	1188.7	2482.4	3154.8	2522.1	1208.6
80°	150.4	156.0	158.9	173.1	244.0	400.0	451.1	1151.8	2156.2	1285.2	661.0
82.5°	96.5	99.3	99.3	99.3	116.3	158.9	181.6	462.4	1075.2	638.3	204.3
85°	51.1	51.1	56.7	70.9	82.3	96.5	102.1	147.5	354.6	190.1	48.2
87.5°	28.4	31.2	34.0	42.6	53.9	65.3	70.9	102.1	136.2	130.5	11.3
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: P1047379

CATALOG NUMBER: GALN-SA2C-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2.5°	73.8	70.9	68.1	65.3	62.4	59.6	59.6	59.6	59.6	59.6	59.6
5°	70.9	68.1	65.3	59.6	53.9	51.1	48.2	45.4	45.4	45.4	45.4
7.5°	70.9	68.1	59.6	53.9	48.2	42.6	36.9	36.9	36.9	36.9	36.9
10°	70.9	65.3	56.7	48.2	39.7	34.0	31.2	28.4	28.4	28.4	28.4
12.5°	70.9	62.4	53.9	42.6	34.0	28.4	25.5	22.7	22.7	22.7	22.7
15°	70.9	62.4	51.1	39.7	31.2	22.7	19.9	17.0	17.0	17.0	17.0
17.5°	68.1	59.6	48.2	34.0	25.5	17.0	14.2	11.3	11.3	14.2	14.2
20°	65.3	56.7	42.6	28.4	19.9	14.2	8.5	8.5	8.5	8.5	8.5
22.5°	65.3	56.7	39.7	25.5	17.0	8.5	5.7	5.7	5.7	5.7	8.5
25°	65.3	53.9	34.0	19.9	11.3	5.7	2.8	2.8	2.8	2.8	2.8
27.5°	65.3	53.9	31.2	17.0	8.5	5.7	2.8	0.0	0.0	0.0	0.0
30°	62.4	51.1	28.4	14.2	5.7	2.8	0.0	0.0	0.0	0.0	0.0
32.5°	62.4	48.2	22.7	11.3	5.7	2.8	0.0	0.0	0.0	0.0	0.0
35°	65.3	45.4	19.9	8.5	2.8	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	68.1	42.6	17.0	5.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	70.9	39.7	17.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	76.6	39.7	14.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	82.3	39.7	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	93.6	42.6	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	102.1	45.4	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	113.5	42.6	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	127.7	42.6	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	139.0	39.7	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	144.7	36.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	173.1	34.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	269.5	28.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	547.6	25.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1021.3	22.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1143.3	25.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	720.6	19.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	380.2	19.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	190.1	19.9	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	87.9	14.2	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	36.9	8.5	5.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.0	8.5	5.7	5.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0
87.5°	8.5	8.5	8.5	5.7	5.7	2.8	2.8	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

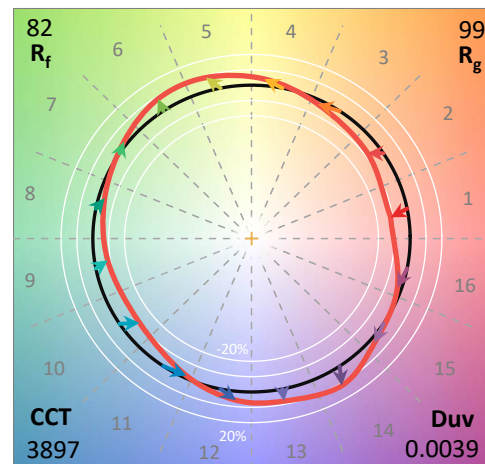
Test Information

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

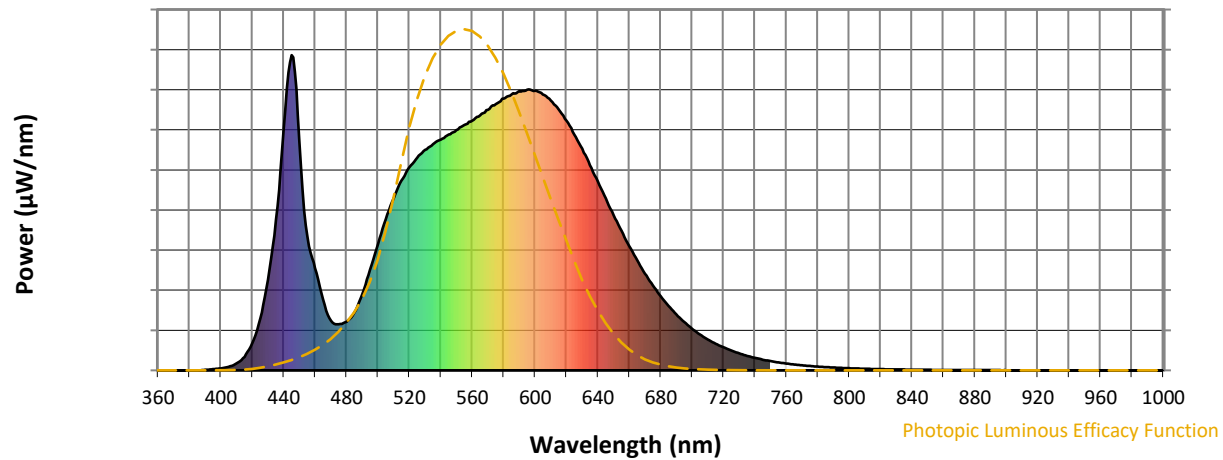
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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

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Photopic Flux vs. Wavelength

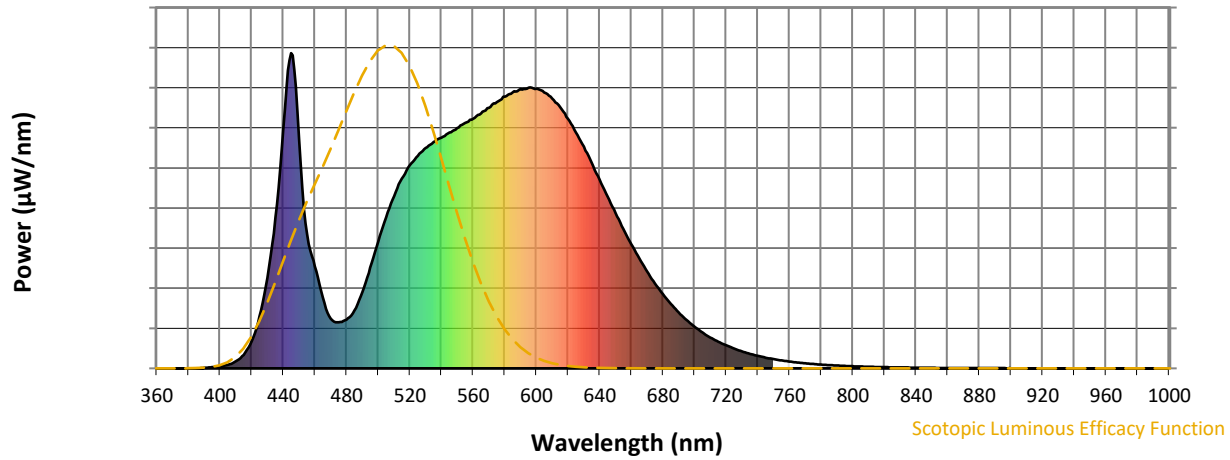


Photopic Lumens: NR

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



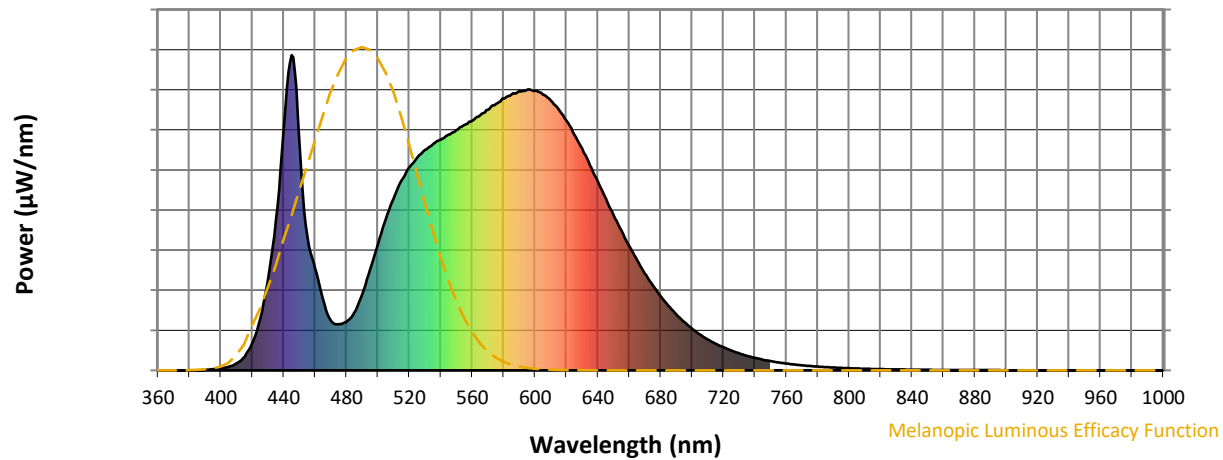
Scotopic Lumens: NR

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

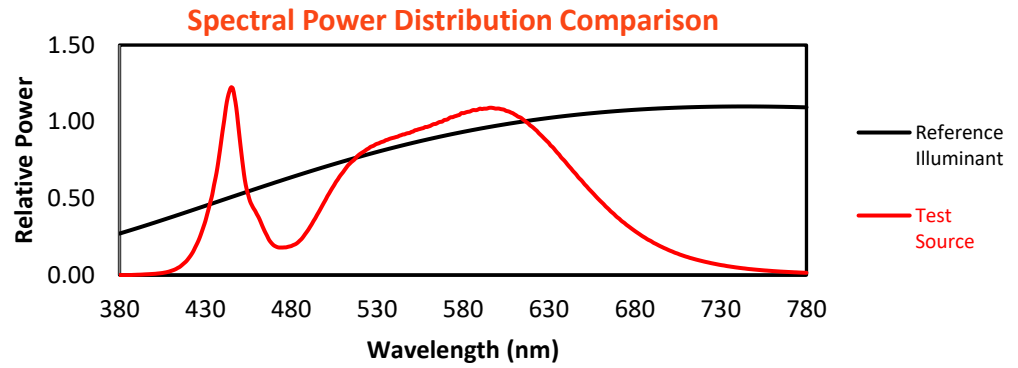
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	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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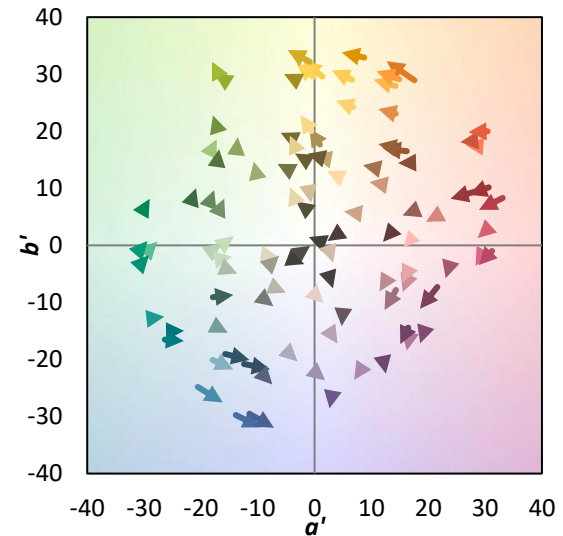
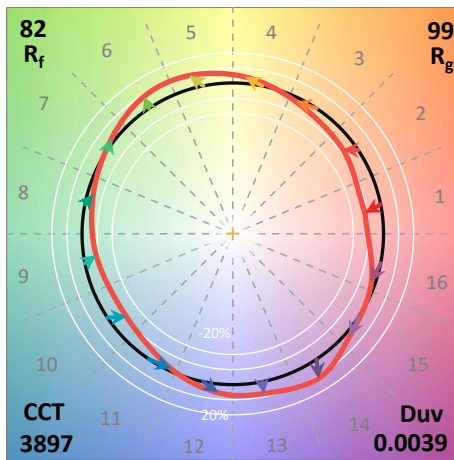
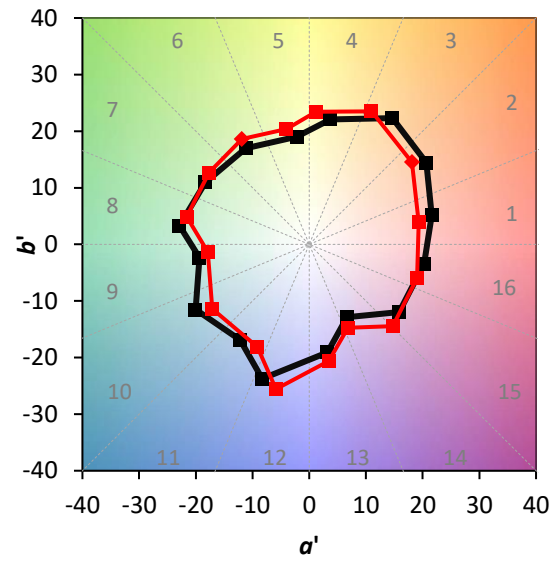
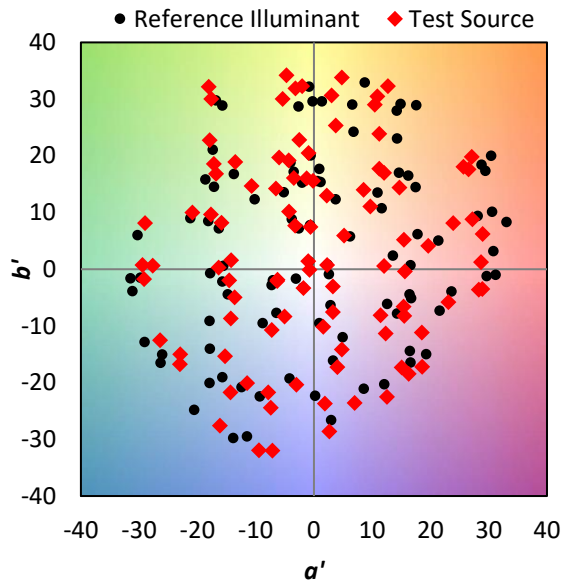
TM-30-18

Summary

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

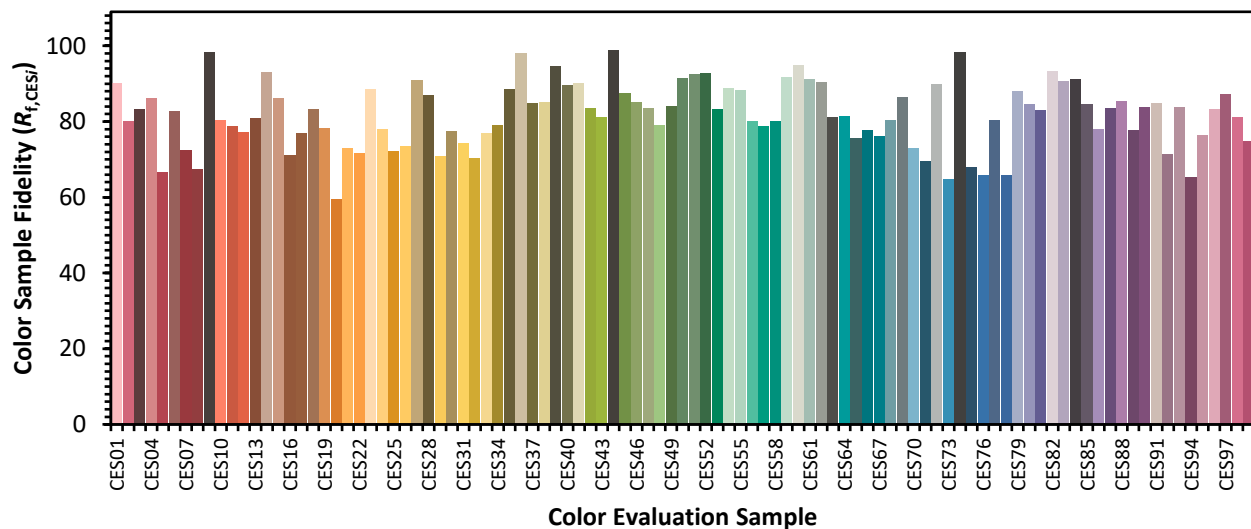


Color Vector Graphics

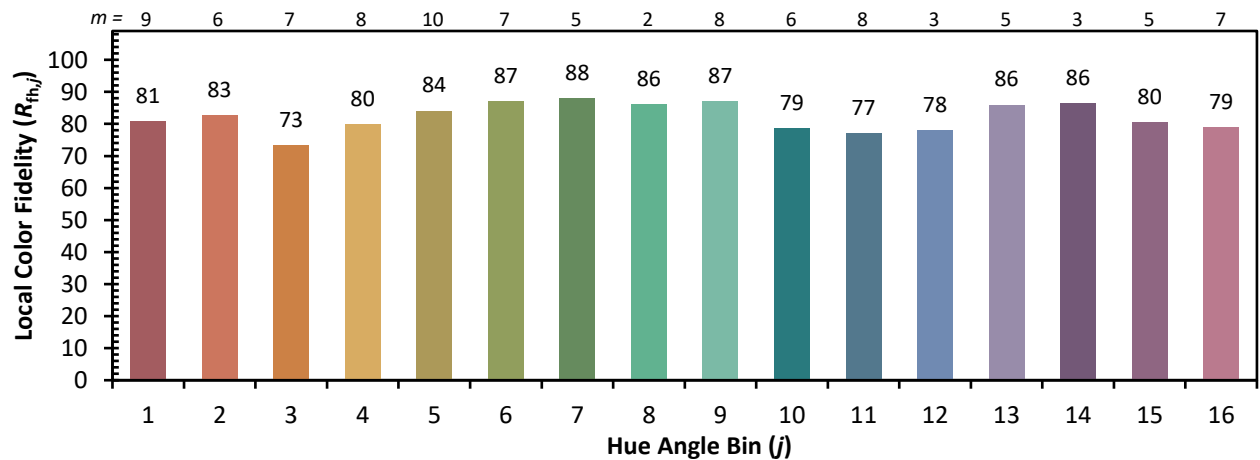
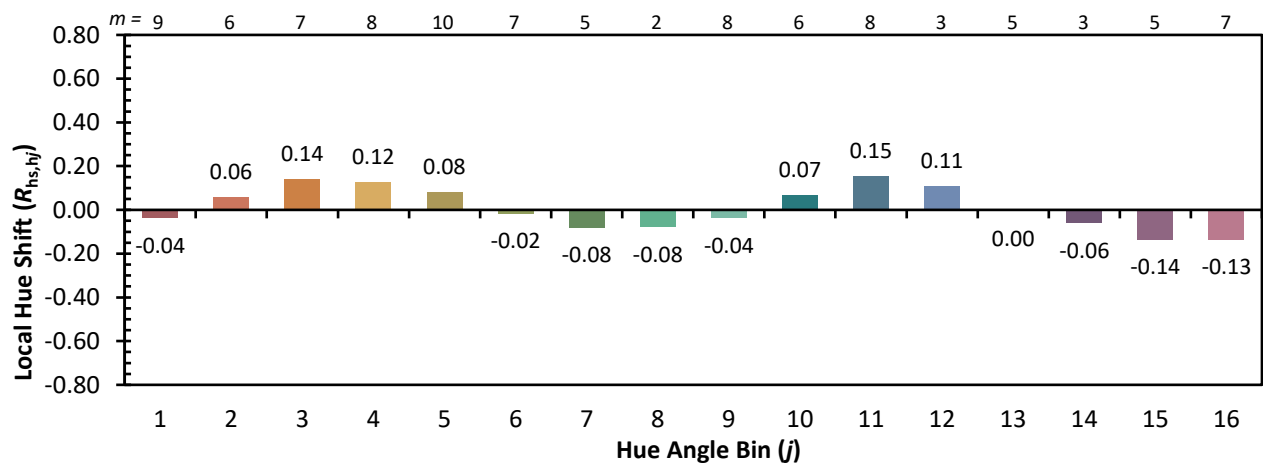
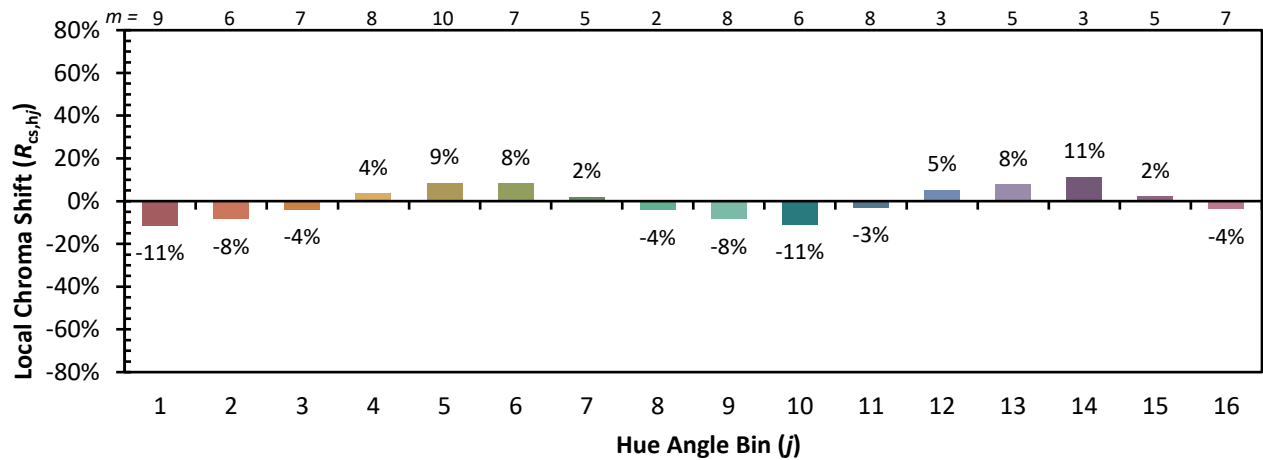


Individual Sample Fidelity Index ($R_{f,i}$)

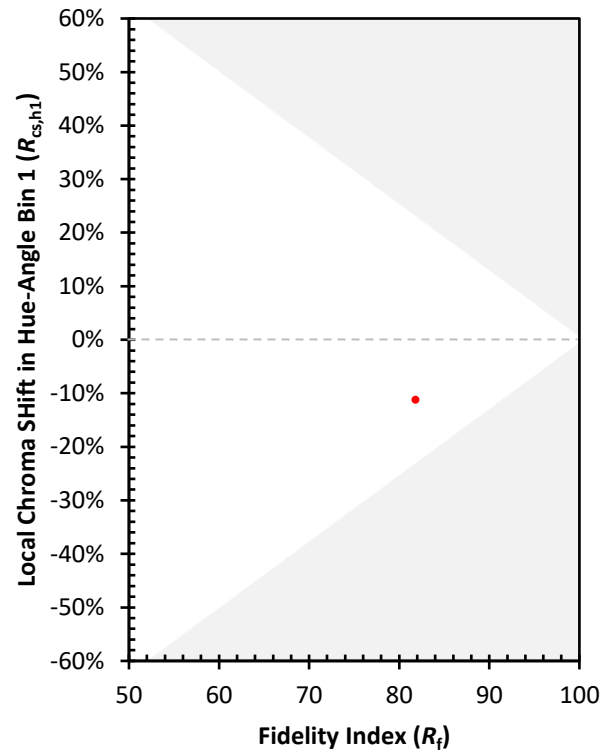
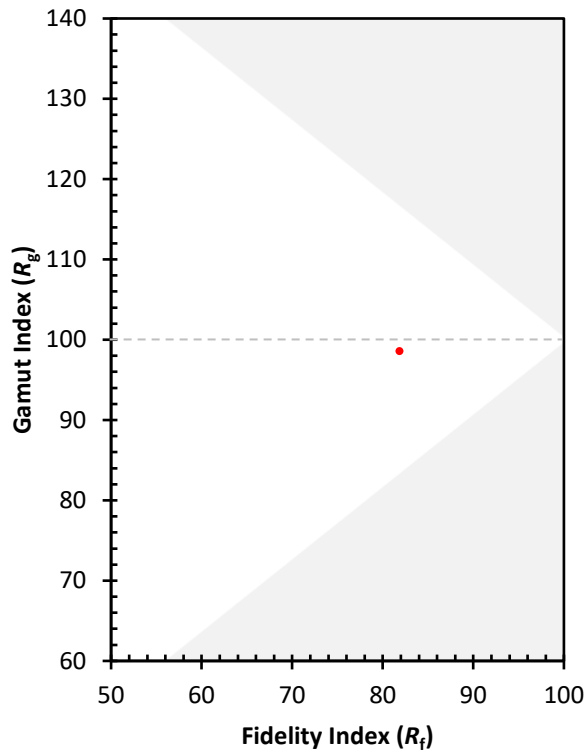
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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