

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: P1047399

Luminaire Tested: **GALN-SA7C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047399
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36933.5 lumens
Efficiency: N/A
Efficacy: 111.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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

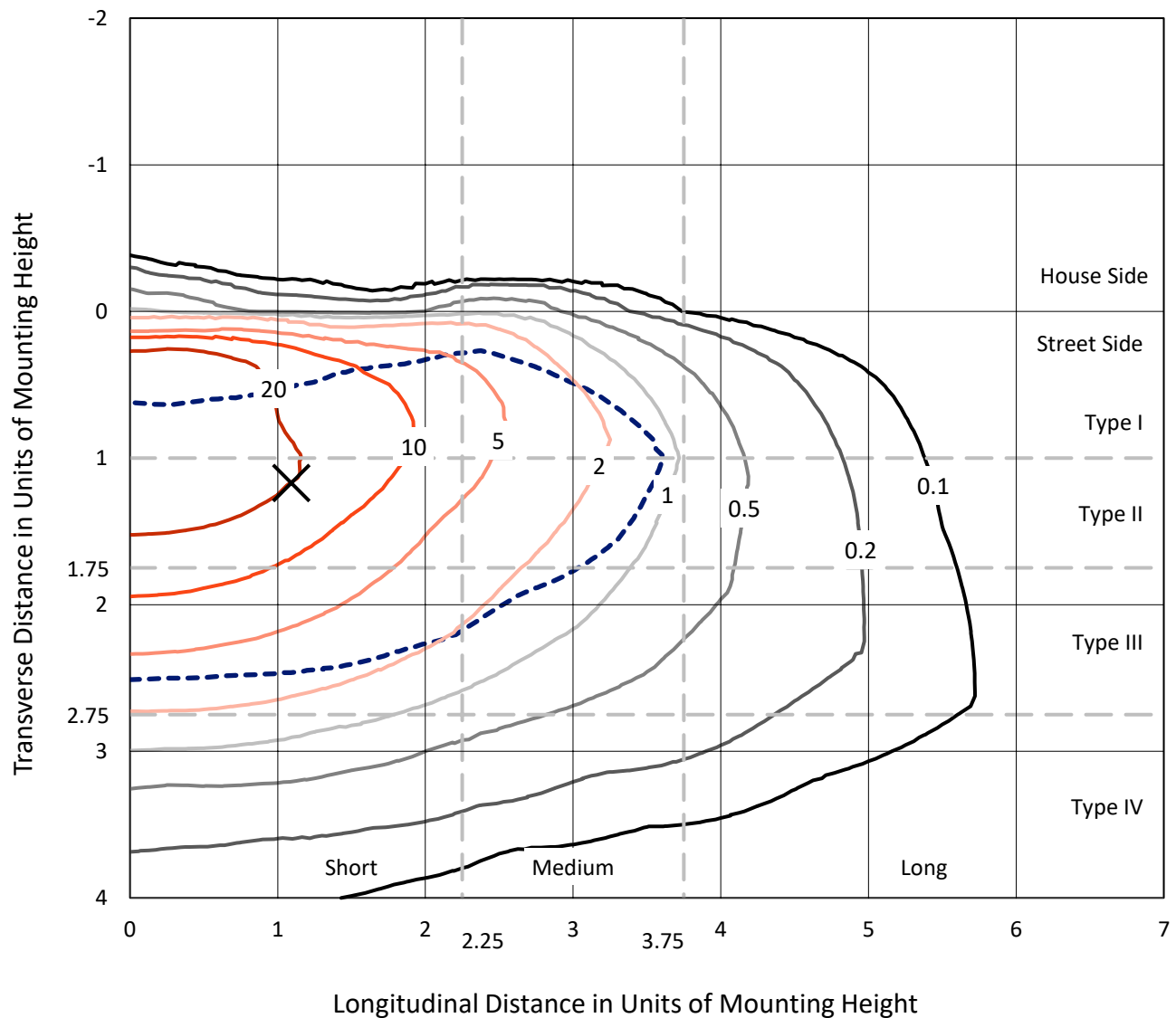


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CATALOG NUMBER: GALN-SA7C-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

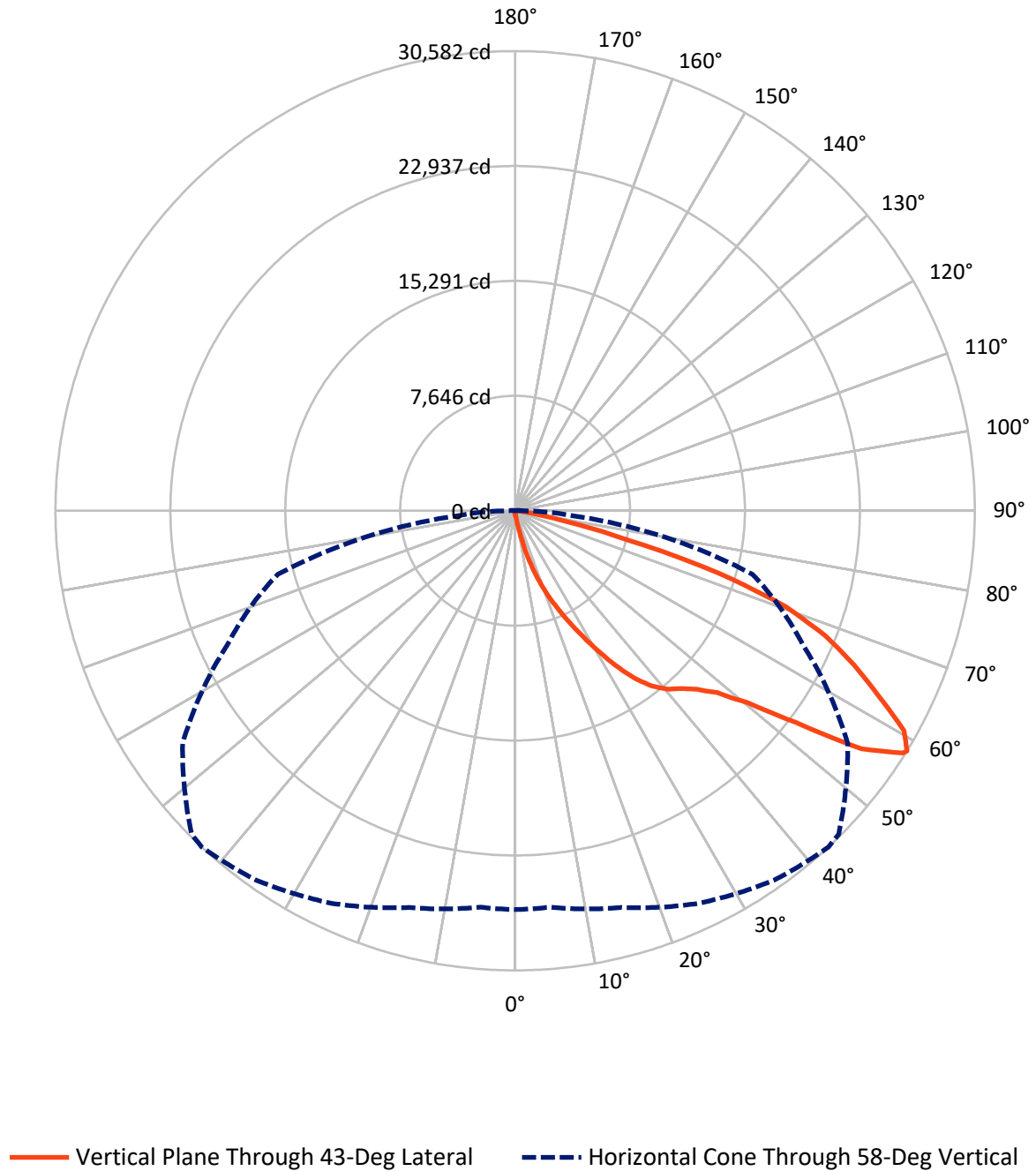


Based on 15 foot mounting height. Maximum calculated value = 41.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	134.8	0.0	134.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36798.6	0.0	36798.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	36933.5	0.0	36933.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.4	0.1
10°-20°	424.5	1.1
20°-30°	1530.2	4.1
30°-40°	3501.1	9.5
40°-50°	5904.9	16.0
50°-60°	9744.5	26.4
60°-70°	10890.8	29.5
70°-80°	4496.6	12.2
80°-90°	405.4	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°	36933.5	100.0
0°-180°	36933.5	100.0



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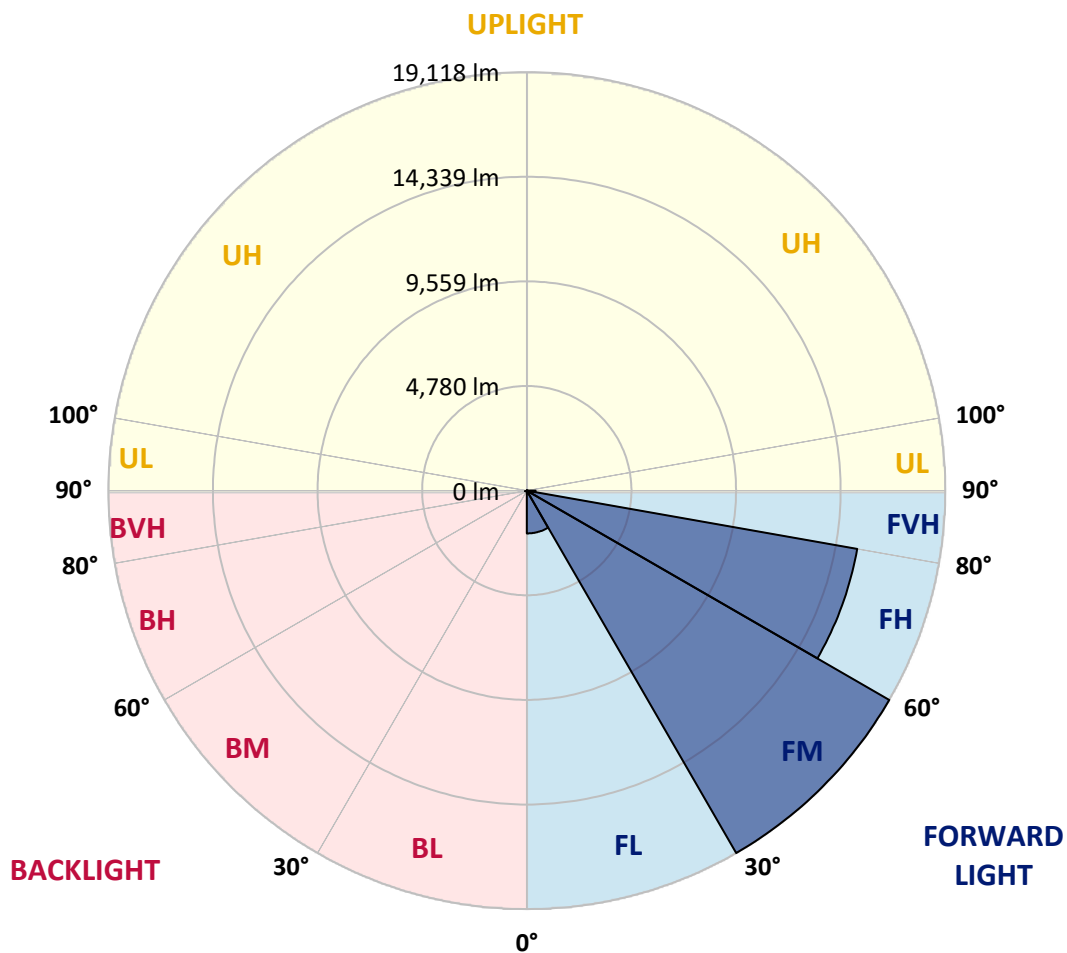
CATALOG NUMBER: GALN-SA7C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1955.0	5.3			
FM	(30°-60°)	19118.2	51.8			
FH	(60°-80°)	15325.7	41.5			G5
FVH	(80°-90°)	399.8	1.1			G3/500
BL	(0°-30°)	35.2	0.1	B0/110		
BM	(30°-60°)	32.3	0.1	B0/220		
BH	(60°-80°)	61.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.6	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-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5
2.5°	289.8	299.4	289.8	289.8	289.8	280.1	280.1	270.5	270.5	260.8	251.2
5°	425.0	425.0	396.0	376.7	357.4	347.7	338.1	318.8	299.4	280.1	260.8
7.5°	946.6	946.6	859.7	743.8	589.2	502.3	483.0	396.0	338.1	299.4	260.8
10°	2260.4	2260.4	2067.2	1748.4	1352.3	1004.6	898.3	569.9	405.7	318.8	270.5
12.5°	3757.6	3805.9	3564.4	3158.7	2569.5	1960.9	1748.4	1043.2	540.9	347.7	270.5
15°	5100.3	4984.4	4916.7	4530.4	3970.1	3245.6	2975.2	1758.1	782.4	396.0	270.5
17.5°	6008.3	6008.3	5911.7	5650.9	5138.9	4501.4	4279.2	2839.9	1265.4	454.0	280.1
20°	7070.8	7070.8	6897.0	6713.4	6259.4	5718.5	5506.0	4037.7	1960.9	579.6	280.1
22.5°	8355.6	8374.9	8181.7	7853.3	7418.6	6819.7	6636.2	5148.6	2839.9	772.8	289.8
25°	9920.4	9939.8	9659.6	9350.5	8684.0	8036.8	7756.7	6423.7	3912.1	1081.9	289.8
27.5°	11649.5	11784.7	11369.4	10838.1	10132.9	9321.5	9109.0	7573.1	4974.7	1526.2	309.1
30°	13803.6	13803.6	13253.0	12509.2	11746.1	10741.5	10471.0	8780.6	6104.9	2115.5	328.4
32.5°	15658.3	15513.4	14808.2	14025.8	13214.4	12277.4	11987.6	10046.0	7264.0	2849.6	367.1
35°	17078.2	16952.6	16083.3	15242.9	14537.7	13678.0	13330.3	11417.7	8490.8	3680.3	425.0
37.5°	18295.3	18247.0	17068.6	16015.7	15552.0	14798.5	14489.4	12712.1	9698.3	4578.7	492.6
40°	19628.4	19473.8	18218.1	16914.0	16218.5	15610.0	15329.8	13755.3	10857.4	5631.6	589.2
42.5°	20768.2	20584.7	19454.5	18179.4	16991.3	16170.2	15899.7	14634.3	11987.6	6684.5	714.8
45°	22033.6	21937.0	20797.2	19831.2	18247.0	16933.3	16575.9	15339.5	13021.2	7940.2	879.0
47.5°	23936.5	23762.7	22700.1	21908.0	20072.7	18092.5	17580.5	16064.0	14016.1	9176.6	1130.2
50°	26148.6	26032.7	25404.8	24776.9	22951.3	20072.7	19464.1	17107.2	15127.0	10644.9	1458.6
52.5°	27955.0	27935.6	28012.9	28022.6	26641.2	23405.3	22497.3	18788.0	16402.0	12093.8	1922.3
55°	27916.3	28003.3	28853.3	29828.9	29935.2	27955.0	27075.9	21618.2	18063.5	13880.9	2569.5
57.5°	26873.1	26805.5	27703.8	29172.1	30205.6	30418.2	30273.3	26013.4	20565.3	16035.0	3564.4
58°	26535.0	26477.0	27327.1	28824.3	30012.5	30582.4	30437.5	27008.3	21125.6	16344.1	3834.9
60°	25308.2	25317.9	25820.2	27182.2	28370.3	29722.7	29857.9	29848.2	23917.2	18411.2	5196.9
62.5°	23685.4	23608.1	24071.8	25182.6	26225.9	27133.9	27365.7	30041.4	28003.3	21038.7	7795.3
65°	21444.4	21328.5	21821.1	23076.8	24197.4	24786.6	24796.3	27452.7	29925.5	23859.3	11504.6
67.5°	17281.1	17184.5	18169.8	19782.9	21512.0	22284.8	22632.5	23820.6	28302.7	25771.9	13629.7
70°	10586.9	10789.8	12161.5	14692.3	17648.1	19068.1	19589.7	19956.8	24100.8	25482.1	11398.4
72.5°	4887.8	4646.3	5815.1	7582.8	10954.0	14112.7	14653.7	16092.9	19106.7	22120.5	8500.5
75°	2279.7	2192.7	2463.2	3313.3	4965.0	7621.4	8606.7	12847.3	14653.7	15387.8	6133.9
77.5°	1168.8	1178.5	1400.6	1506.9	2047.8	3525.8	4047.4	8452.2	10741.5	8587.4	4115.0
80°	512.0	531.3	540.9	589.2	830.7	1362.0	1535.9	3921.8	7341.3	4375.8	2250.7
82.5°	328.4	338.1	338.1	338.1	396.0	540.9	618.2	1574.5	3661.0	2173.4	695.5
85°	173.9	173.9	193.2	241.5	280.1	328.4	347.7	502.3	1207.5	647.2	164.2
87.5°	96.6	106.3	115.9	144.9	183.5	222.2	241.5	347.7	463.7	444.3	38.6
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: P1047399

CATALOG NUMBER: GALN-SA7C-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5
2.5°	251.2	241.5	231.8	222.2	212.5	202.9	202.9	202.9	202.9	202.9	202.9
5°	241.5	231.8	222.2	202.9	183.5	173.9	164.2	154.6	154.6	154.6	154.6
7.5°	241.5	231.8	202.9	183.5	164.2	144.9	125.6	125.6	125.6	125.6	125.6
10°	241.5	222.2	193.2	164.2	135.2	115.9	106.3	96.6	96.6	96.6	96.6
12.5°	241.5	212.5	183.5	144.9	115.9	96.6	86.9	77.3	77.3	77.3	77.3
15°	241.5	212.5	173.9	135.2	106.3	77.3	67.6	58.0	58.0	58.0	58.0
17.5°	231.8	202.9	164.2	115.9	86.9	58.0	48.3	38.6	38.6	48.3	48.3
20°	222.2	193.2	144.9	96.6	67.6	48.3	29.0	29.0	29.0	29.0	29.0
22.5°	222.2	193.2	135.2	86.9	58.0	29.0	19.3	19.3	19.3	19.3	29.0
25°	222.2	183.5	115.9	67.6	38.6	19.3	9.7	9.7	9.7	9.7	9.7
27.5°	222.2	183.5	106.3	58.0	29.0	19.3	9.7	0.0	0.0	0.0	0.0
30°	212.5	173.9	96.6	48.3	19.3	9.7	0.0	0.0	0.0	0.0	0.0
32.5°	212.5	164.2	77.3	38.6	19.3	9.7	0.0	0.0	0.0	0.0	0.0
35°	222.2	154.6	67.6	29.0	9.7	0.0	0.0	0.0	0.0	0.0	9.7
37.5°	231.8	144.9	58.0	19.3	9.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	241.5	135.2	58.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	260.8	135.2	48.3	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	280.1	135.2	38.6	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	318.8	144.9	38.6	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	347.7	154.6	29.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	386.4	144.9	29.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	434.7	144.9	29.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	473.3	135.2	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	492.6	125.6	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	589.2	115.9	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	917.7	96.6	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1864.3	86.9	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3477.5	77.3	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3892.8	86.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2453.5	67.6	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1294.4	67.6	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	647.2	67.6	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	299.4	48.3	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	125.6	29.0	19.3	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	58.0	29.0	19.3	19.3	9.7	9.7	0.0	0.0	0.0	0.0	0.0
87.5°	29.0	29.0	29.0	19.3	19.3	9.7	9.7	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

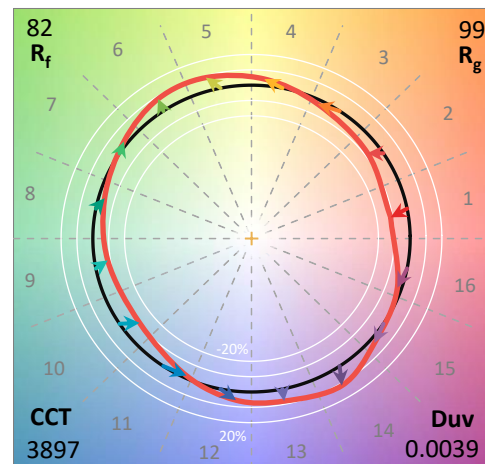
Test Information

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

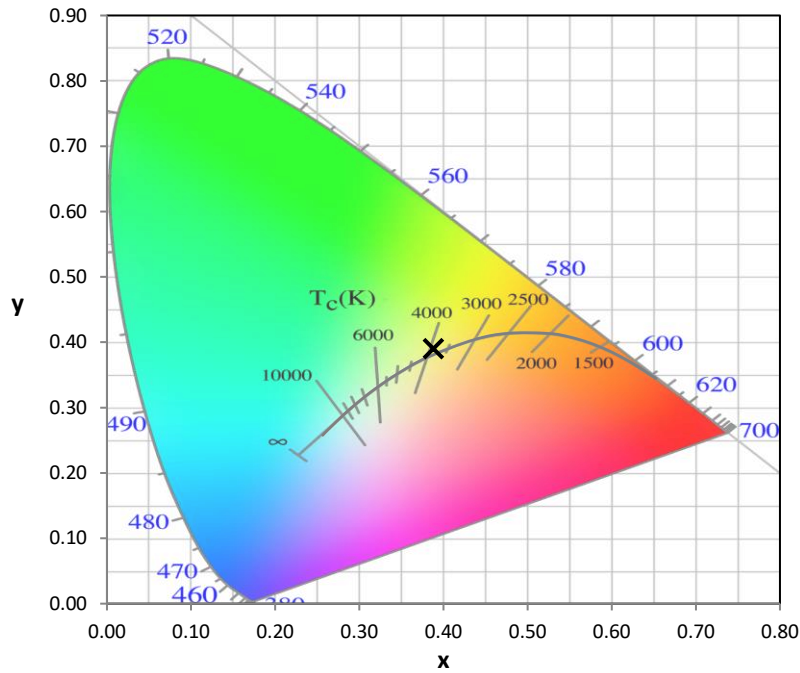
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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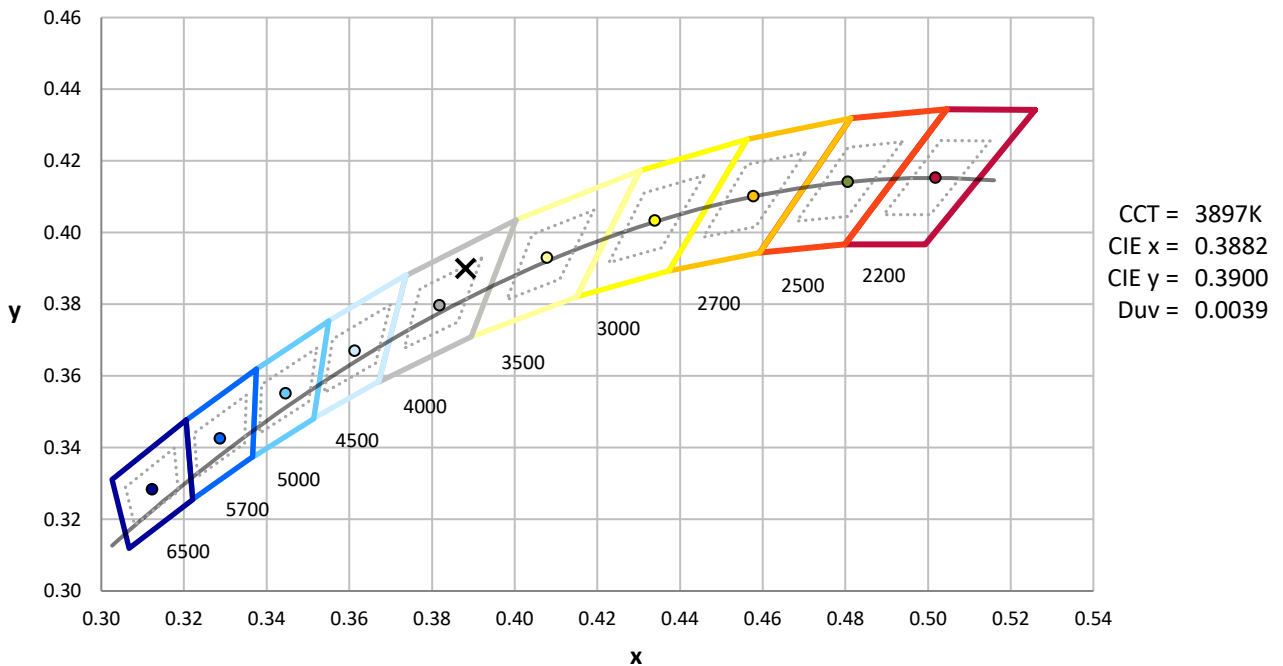
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



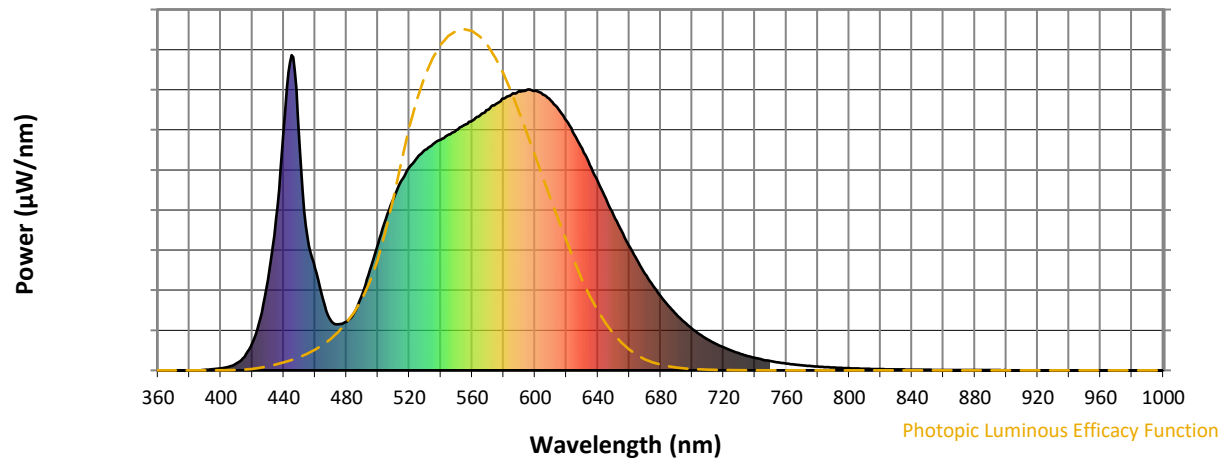
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

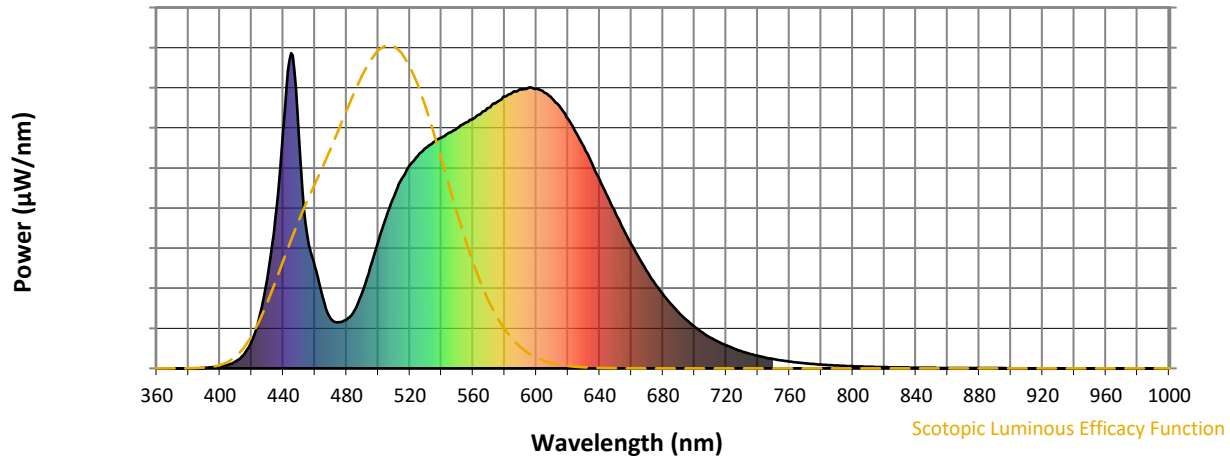


Photopic Lumens: NR

λ (nm)	Power W [^] /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



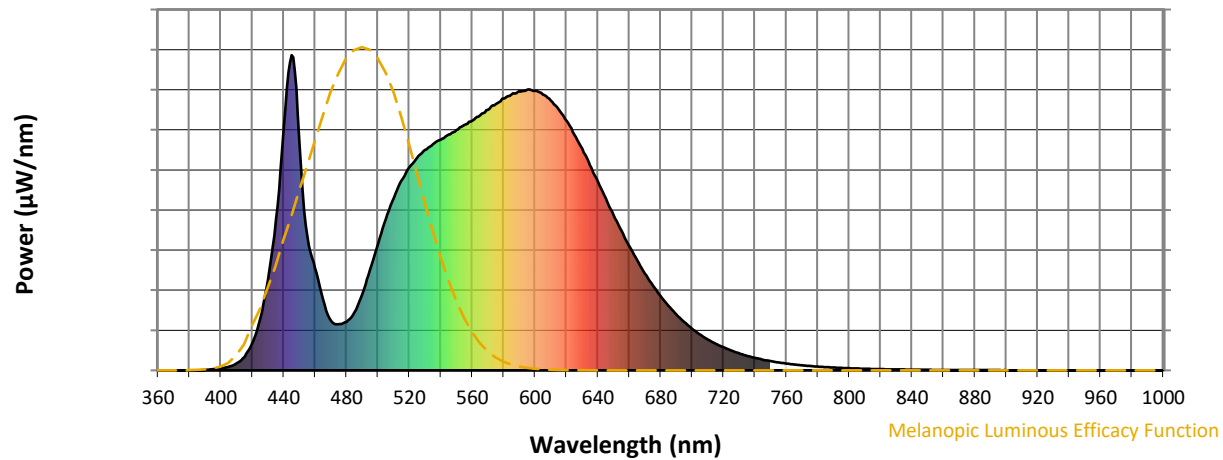
Scotopic Lumens: NR

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

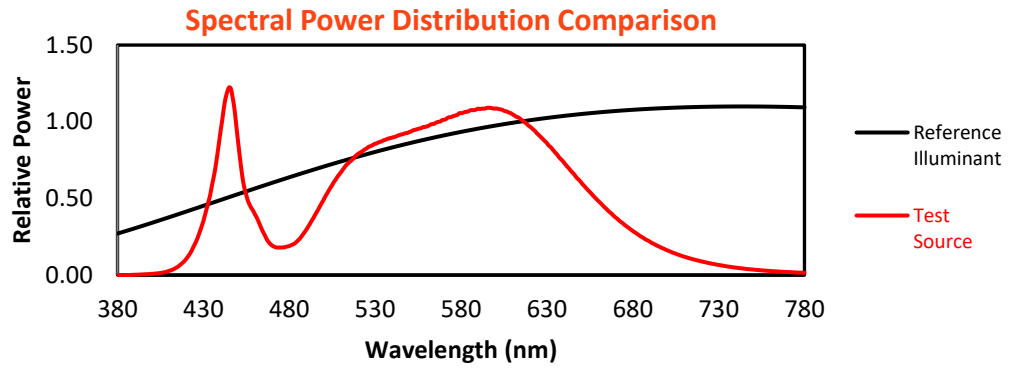
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	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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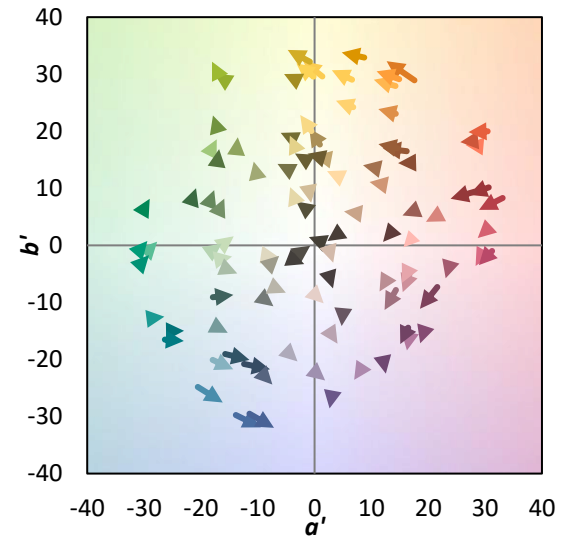
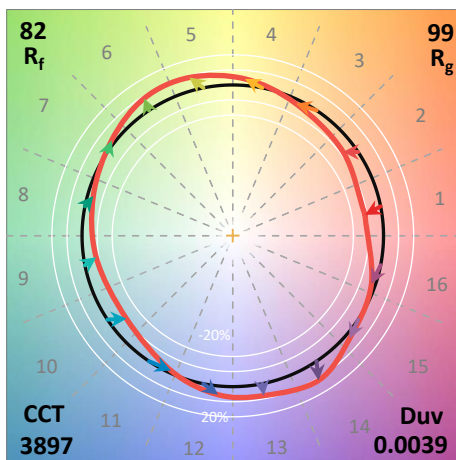
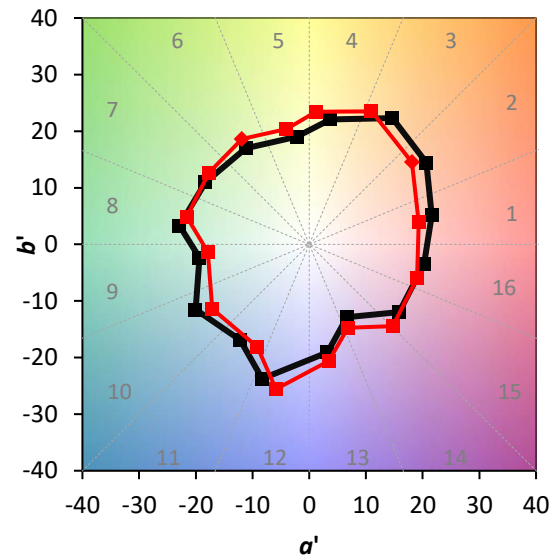
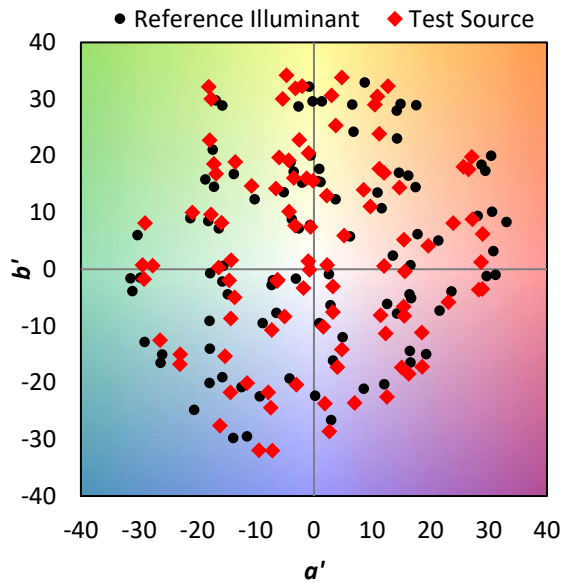
TM-30-18

Summary

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

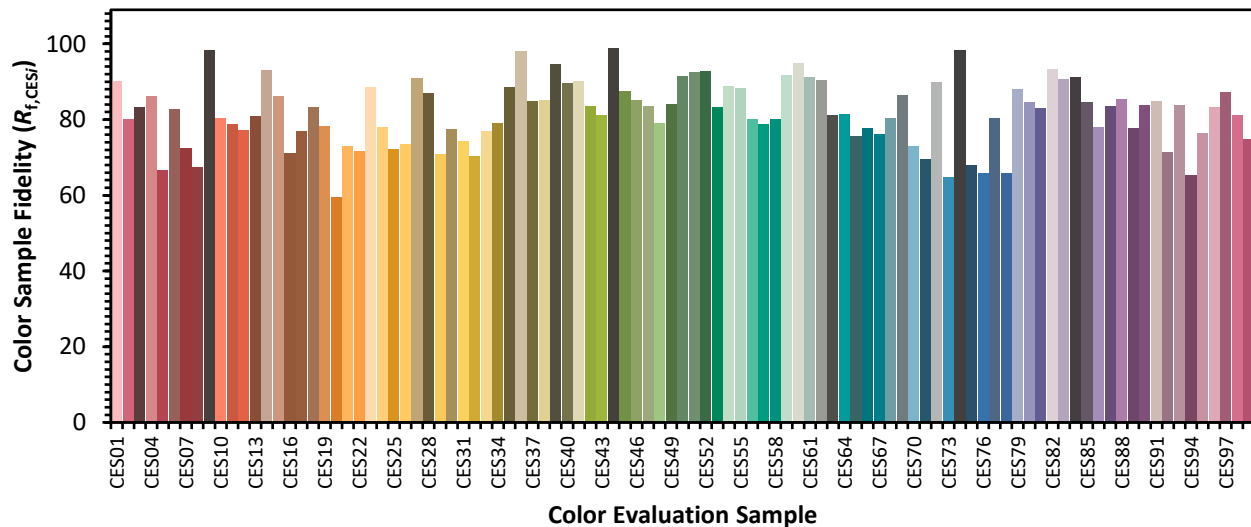


Color Vector Graphics

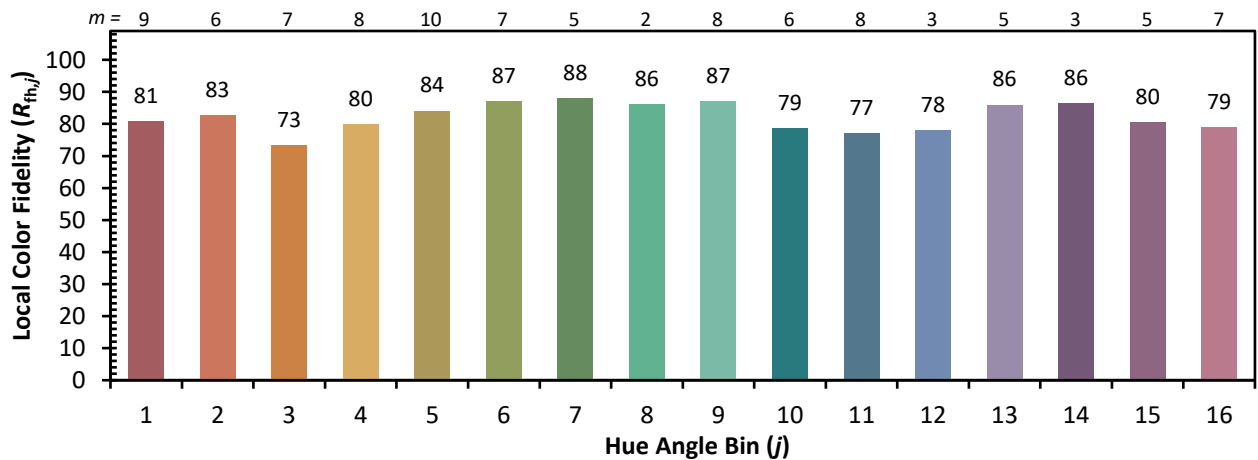
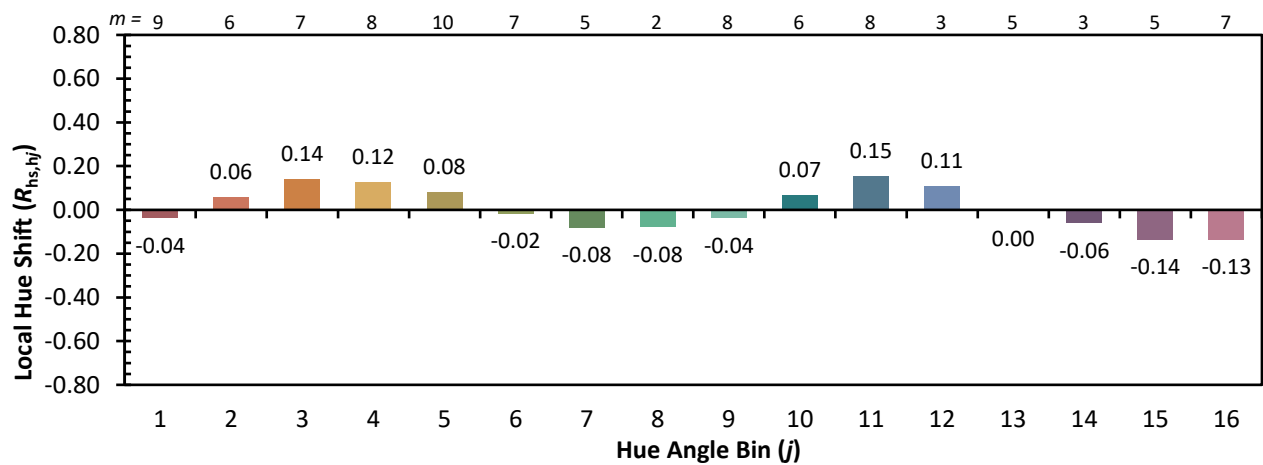
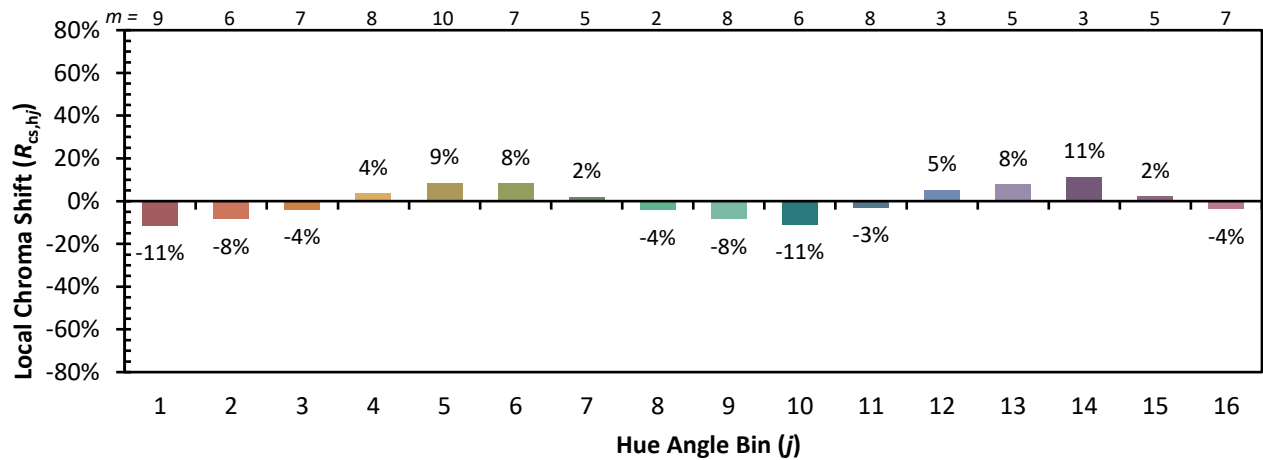


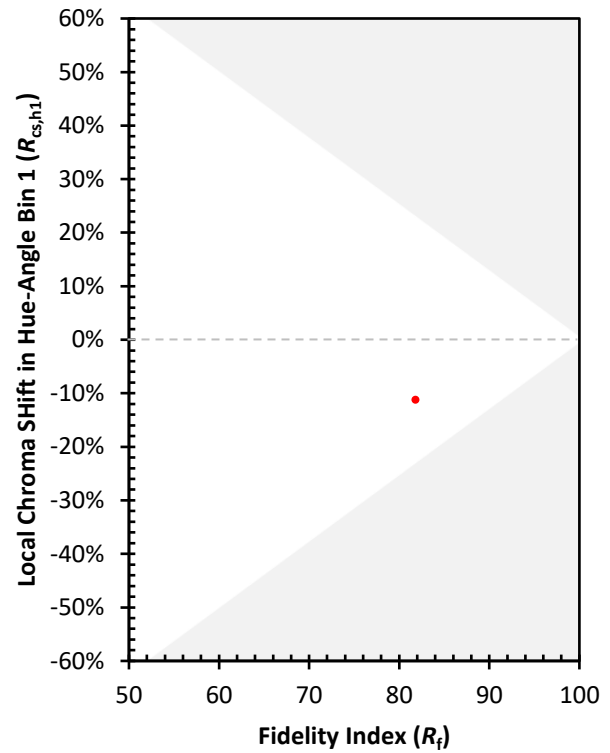
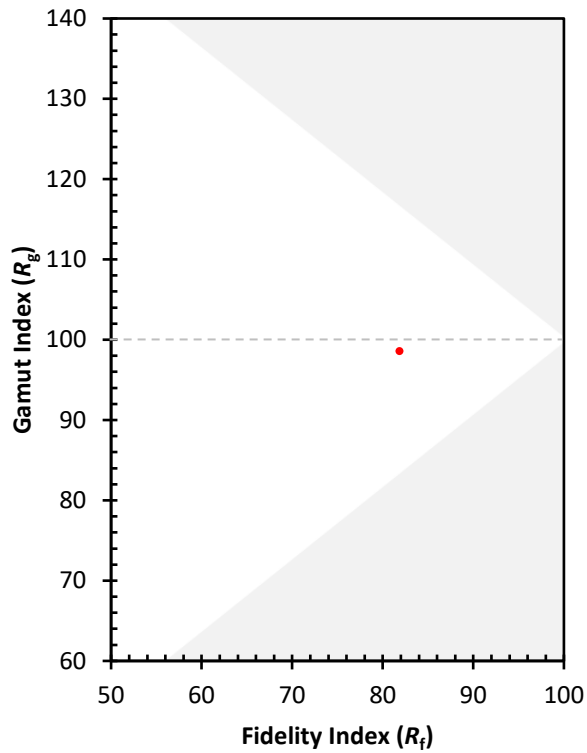
Individual Sample Fidelity Index ($R_{f,i}$)

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)