

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: P1048007

Luminaire Tested: **GALN-SA6C-840-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048007
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-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30162 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

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



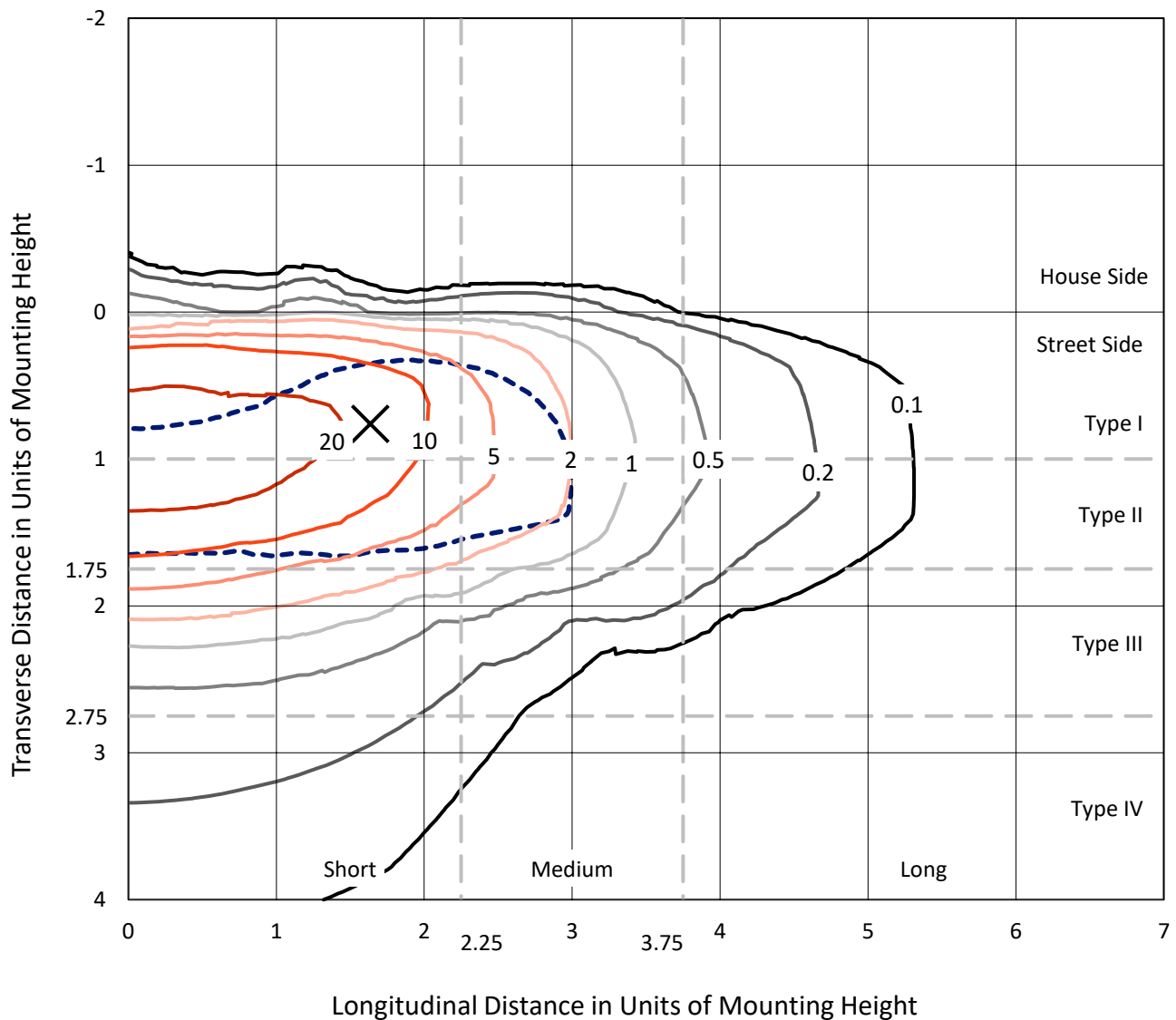
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CATALOG NUMBER: GALN-SA6C-840-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

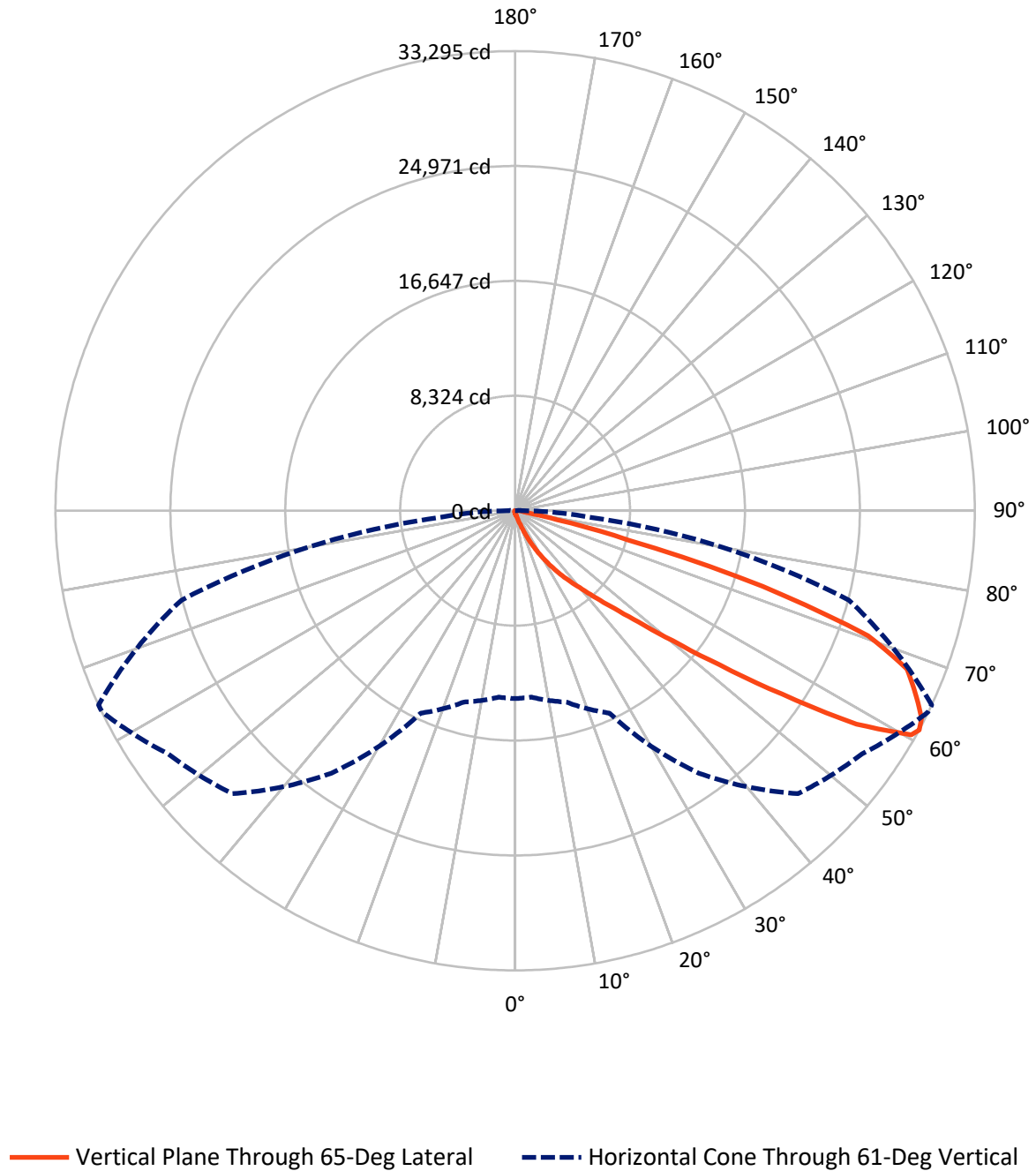


Based on 15 foot mounting height. Maximum calculated value = 39.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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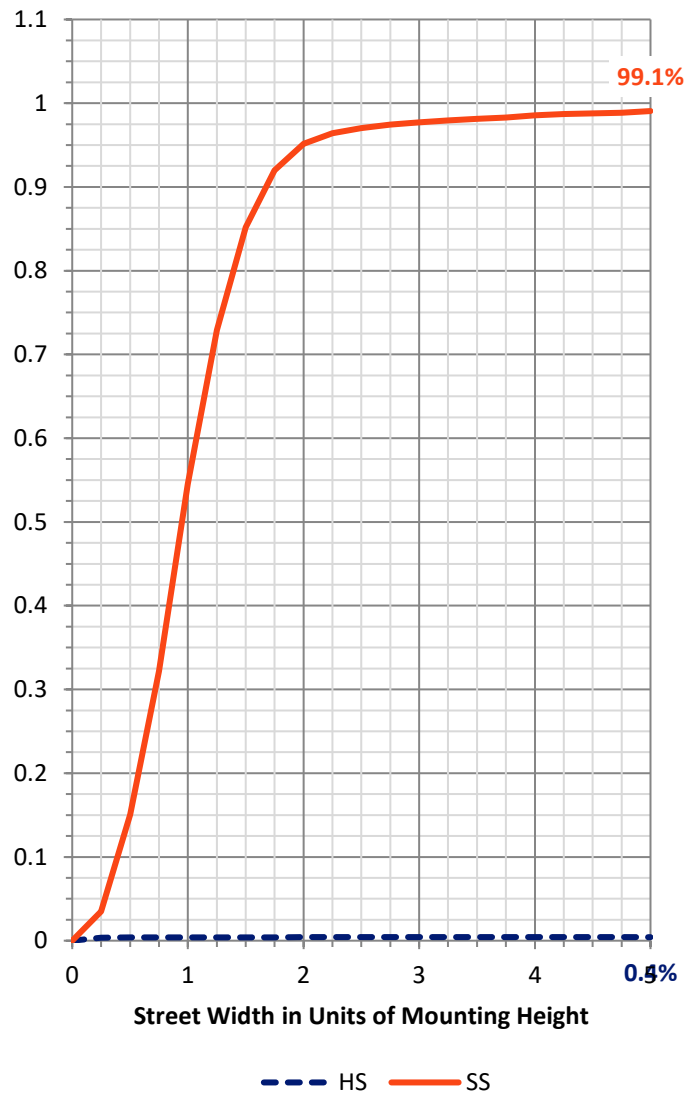
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	128.7	0.0	128.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30033.3	0.0	30033.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	30162.0	0.0	30162.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.5	0.1
10°-20°	248.0	0.8
20°-30°	890.1	3.0
30°-40°	2369.9	7.9
40°-50°	6225.6	20.6
50°-60°	9644.6	32.0
60°-70°	8086.9	26.8
70°-80°	2379.8	7.9
80°-90°	293.6	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°	30162.0	100.0
0°-180°	30162.0	100.0



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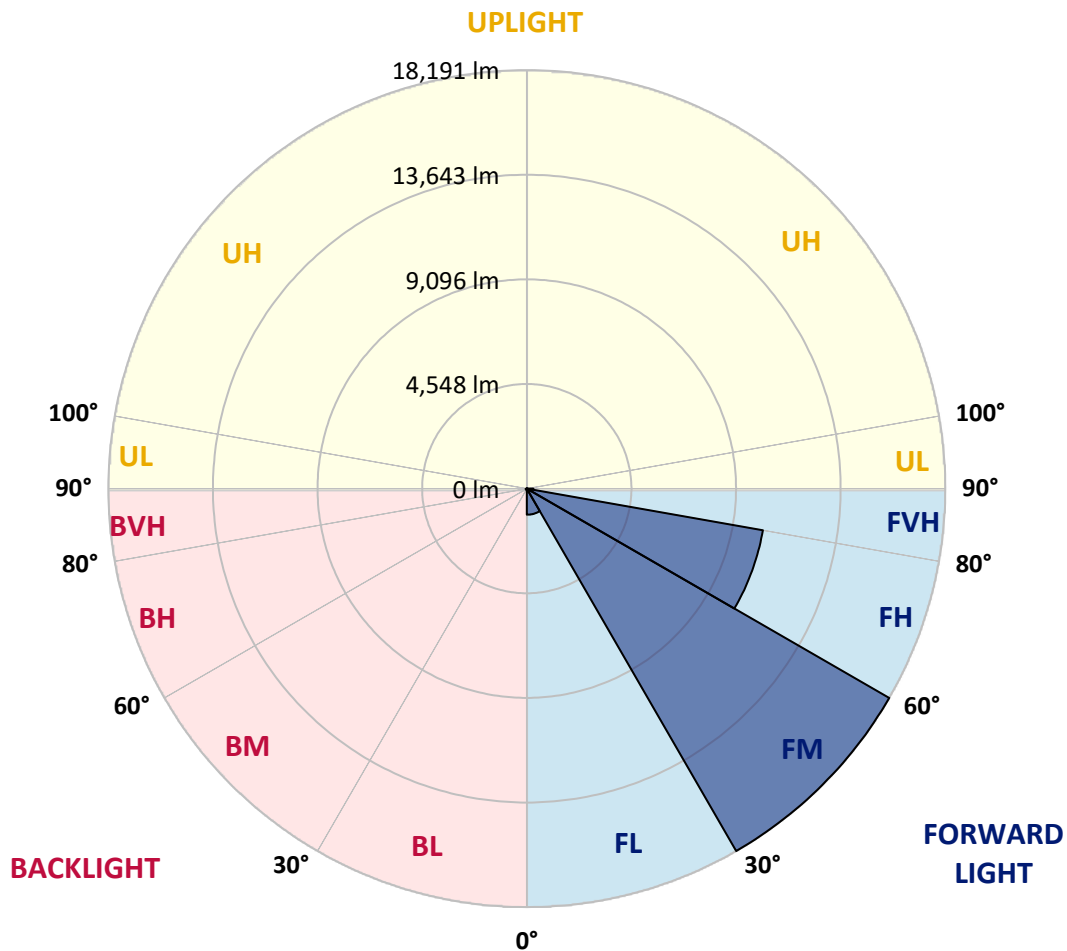
CATALOG NUMBER: GALN-SA6C-840-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1132.7	3.8			
FM	(30°-60°)	18191.1	60.3			
FH	(60°-80°)	10421.3	34.6			G4/12000
FVH	(80°-90°)	288.1	1.0			G3/500
BL	(0°-30°)	28.9	0.1	B0/110		
BM	(30°-60°)	49.0	0.2	B0/220		
BH	(60°-80°)	45.4	0.2	B0/110		G0/110
BVH	(80°-90°)	5.4	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7
2.5°	224.1	226.2	222.0	213.7	207.5	207.5	205.4	199.2	199.2	193.0	188.8
5°	313.3	309.1	300.8	284.3	269.7	255.2	240.7	226.2	224.1	205.4	193.0
7.5°	512.5	516.6	489.7	437.8	394.2	338.2	286.3	255.2	251.1	219.9	195.0
10°	1124.6	1093.4	1031.2	829.9	682.6	514.6	381.8	296.7	292.5	236.5	199.2
12.5°	2049.9	2025.0	1910.9	1703.4	1323.7	921.2	558.1	367.2	354.8	251.1	201.3
15°	2954.5	2915.1	2852.9	2643.3	2199.3	1651.6	912.9	502.1	468.9	271.8	199.2
17.5°	3531.3	3537.6	3481.6	3392.3	3106.0	2444.1	1576.9	749.0	684.7	309.1	195.0
20°	4035.5	4021.0	4052.1	4004.4	3803.1	3321.8	2294.8	1186.8	1076.8	369.3	197.1
22.5°	4616.5	4651.8	4674.6	4664.2	4442.2	4031.4	3110.2	1776.0	1637.0	479.3	203.3
25°	5394.5	5390.4	5392.5	5365.5	5149.7	4693.2	3927.6	2508.5	2367.4	657.7	217.9
27.5°	6209.9	6234.8	6245.2	6147.7	5865.5	5417.4	4684.9	3309.3	3143.4	944.0	236.5
30°	7324.1	7303.4	7255.7	7056.5	6714.1	6158.1	5431.9	4149.6	3975.4	1344.5	265.6
32.5°	8826.3	8803.5	8562.8	8122.9	7610.4	6929.9	6183.0	4992.0	4780.4	1844.5	305.0
35°	11301.6	11336.8	10745.5	9606.4	8687.3	7857.3	7015.0	5830.2	5643.5	2460.7	358.9
37.5°	15092.3	14899.3	14096.3	12083.8	10104.4	9015.1	7809.6	6676.8	6514.9	3220.1	429.5
40°	18775.1	18584.2	18351.8	16445.0	12567.2	10291.1	8921.7	7670.6	7461.1	4077.0	533.2
42.5°	22646.7	22540.9	22530.5	21092.6	17061.3	12297.5	10260.0	8834.6	8656.2	5016.9	703.4
45°	25389.6	25283.8	25505.8	25756.8	23182.0	16596.5	12590.0	10347.1	10087.8	6158.1	975.2
47.5°	25758.9	25763.1	26356.5	27142.8	27730.0	23246.3	15694.0	12351.4	12036.0	7791.0	1431.6
50°	24530.6	24578.3	25522.4	26929.1	28510.1	28825.5	21167.3	15260.3	14793.5	9726.8	2079.0
52.5°	22192.3	22246.2	23561.7	25875.1	27792.2	30165.8	27611.7	19065.5	18528.2	12141.9	2991.9
55°	20086.3	20119.5	21627.9	24551.4	26927.0	29437.6	31437.7	24146.8	23441.3	15113.0	3892.4
57.5°	18001.2	17924.4	18905.8	22252.5	26779.7	28543.3	32002.0	29937.6	29159.5	18360.1	4593.7
60°	15212.6	15084.0	15872.4	18001.2	24841.8	29130.5	30946.0	33141.1	32964.8	22881.1	5135.2
61°	13608.8	13554.8	14347.4	16173.2	23211.0	28981.1	30692.8	33276.0	33294.7	25020.3	5377.9
62.5°	9718.5	9872.0	11083.7	13457.3	19441.1	28012.2	30726.0	32859.0	33043.6	27862.8	6006.6
65°	4319.8	4566.7	5508.7	7440.3	11305.7	23302.3	30431.4	31944.0	31852.7	28642.9	8172.7
67.5°	2562.4	2599.8	3068.7	4216.0	5987.9	12534.0	26854.4	30734.3	30611.9	24935.2	10168.7
70°	2018.8	2037.5	2186.9	2645.4	3475.3	4801.1	15326.7	26590.9	27124.1	20219.1	9955.0
72.5°	1915.1	1910.9	1931.7	2012.6	2188.9	2381.9	5934.0	17675.4	18760.5	14561.1	8347.0
75°	1890.2	1881.9	1861.1	1830.0	1585.2	1402.6	1838.3	7817.9	8446.6	9948.8	6284.6
77.5°	1834.1	1836.2	1840.4	1755.3	1359.0	991.8	890.1	2508.5	3085.3	6313.7	4467.1
80°	1240.7	1259.4	1290.5	1257.3	1222.1	717.9	628.7	892.2	904.6	3543.8	2950.4
82.5°	628.7	628.7	614.1	547.8	473.1	466.8	500.0	647.3	655.6	1792.6	1388.1
85°	379.7	400.4	408.7	371.4	340.3	313.3	381.8	514.6	533.2	695.1	323.7
87.5°	85.1	87.1	95.4	126.6	184.7	251.1	354.8	471.0	479.3	446.1	39.4
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-SA6C-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7	184.7
2.5°	186.7	182.6	180.5	174.3	168.1	161.8	157.7	155.6	157.7	159.8	159.8
5°	184.7	178.4	168.1	157.7	149.4	141.1	132.8	130.7	130.7	132.8	132.8
7.5°	184.7	174.3	159.8	147.3	134.9	122.4	116.2	112.0	114.1	114.1	114.1
10°	184.7	172.2	153.5	134.9	120.3	105.8	95.4	91.3	91.3	91.3	91.3
12.5°	182.6	170.1	147.3	124.5	103.7	87.1	74.7	68.5	70.5	70.5	70.5
15°	178.4	163.9	139.0	105.8	83.0	66.4	53.9	47.7	49.8	53.9	56.0
17.5°	172.2	157.7	124.5	89.2	66.4	49.8	37.3	33.2	35.3	41.5	41.5
20°	170.1	151.5	110.0	72.6	49.8	35.3	24.9	20.7	22.8	31.1	33.2
22.5°	170.1	147.3	99.6	60.2	37.3	22.8	14.5	8.3	8.3	14.5	14.5
25°	172.2	145.2	91.3	49.8	27.0	16.6	8.3	4.1	8.3	22.8	27.0
27.5°	176.4	143.2	87.1	41.5	20.7	14.5	6.2	14.5	24.9	24.9	24.9
30°	180.5	139.0	80.9	35.3	18.7	10.4	10.4	20.7	20.7	24.9	27.0
32.5°	186.7	136.9	76.8	31.1	14.5	8.3	14.5	12.4	12.4	14.5	16.6
35°	199.2	139.0	72.6	31.1	14.5	10.4	12.4	6.2	4.1	4.1	4.1
37.5°	215.8	141.1	66.4	27.0	12.4	12.4	6.2	0.0	0.0	0.0	0.0
40°	242.8	147.3	62.2	24.9	10.4	10.4	2.1	0.0	0.0	0.0	0.0
42.5°	288.4	159.8	60.2	22.8	10.4	8.3	0.0	0.0	0.0	0.0	0.0
45°	379.7	188.8	56.0	20.7	10.4	4.1	0.0	0.0	0.0	0.0	0.0
47.5°	545.7	257.3	53.9	16.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	796.7	348.6	51.9	14.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1016.7	367.2	35.3	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1041.6	253.1	27.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	829.9	163.9	22.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	628.7	124.5	20.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	603.8	112.0	20.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	666.0	97.5	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1083.1	80.9	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1881.9	70.5	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2377.7	66.4	12.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2072.7	60.2	12.4	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1247.0	51.9	12.4	8.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	653.6	39.4	12.4	10.4	6.2	2.1	0.0	0.0	0.0	0.0	0.0
80°	317.4	35.3	14.5	10.4	8.3	4.1	0.0	0.0	0.0	0.0	0.0
82.5°	124.5	29.0	16.6	14.5	10.4	6.2	2.1	0.0	0.0	0.0	0.0
85°	56.0	24.9	18.7	16.6	14.5	8.3	2.1	0.0	0.0	0.0	0.0
87.5°	29.0	22.8	20.7	18.7	14.5	10.4	4.1	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

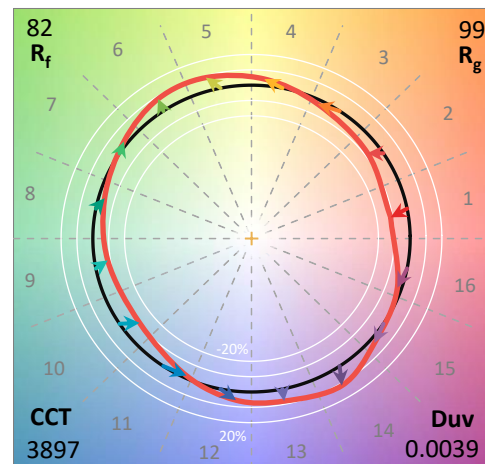
Test Information

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

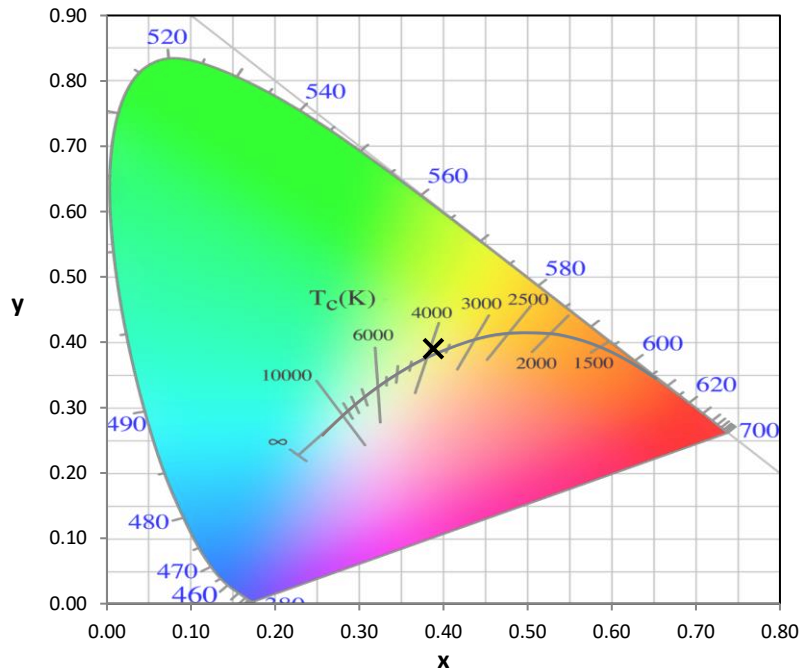
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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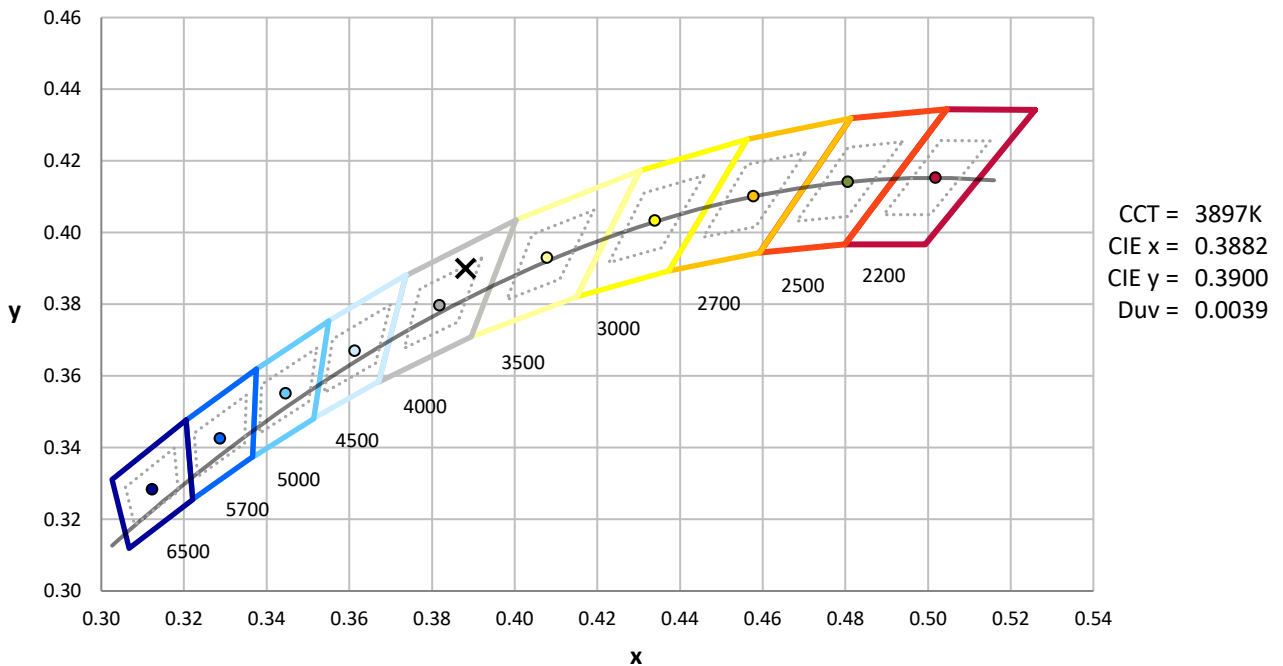
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



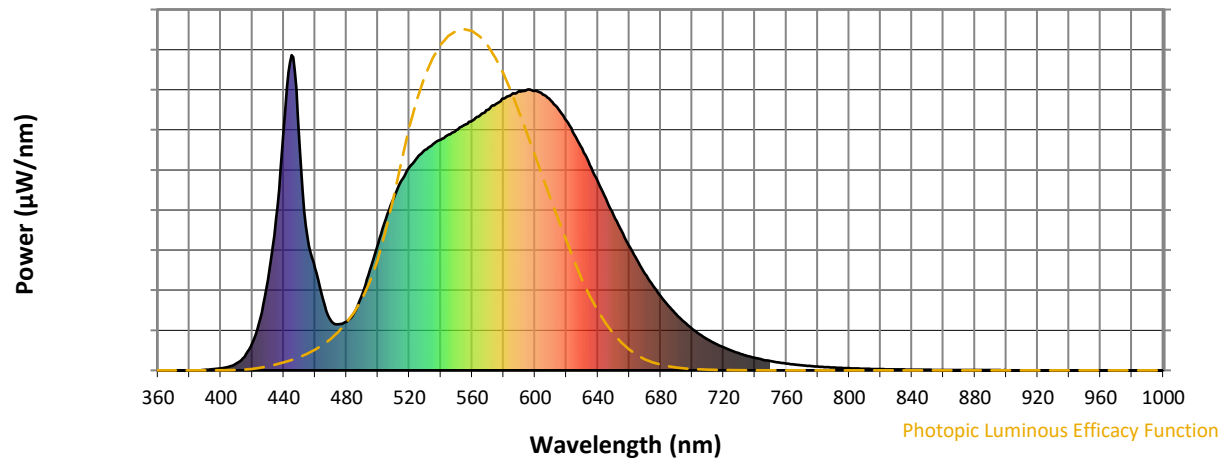
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

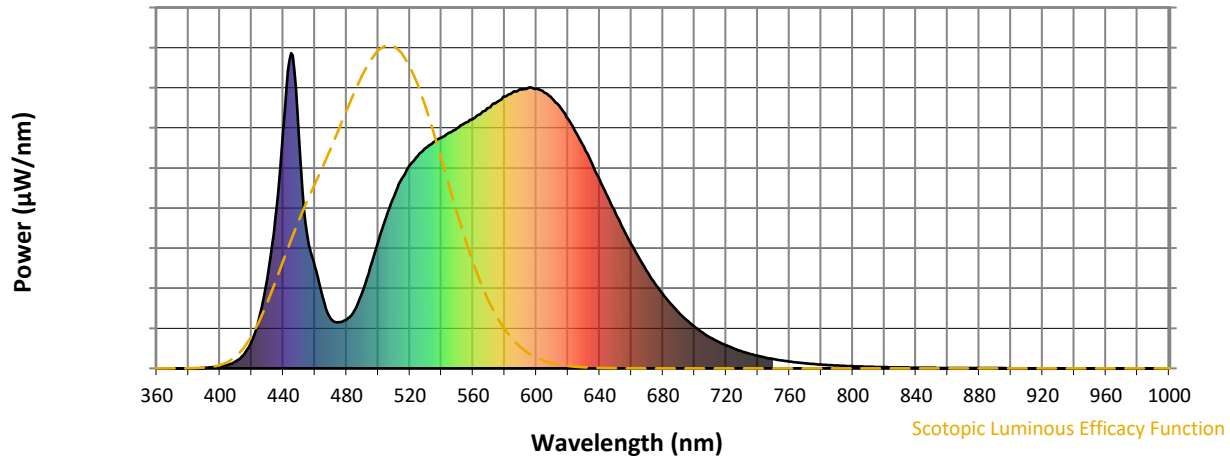


Photopic Lumens: NR

λ (nm)	Power W [^] /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



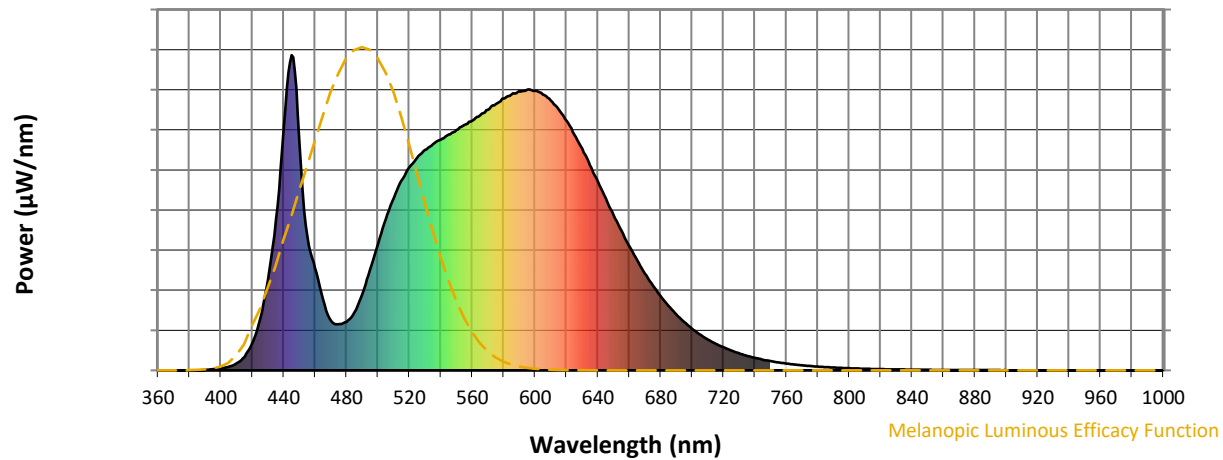
Scotopic Lumens: NR

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

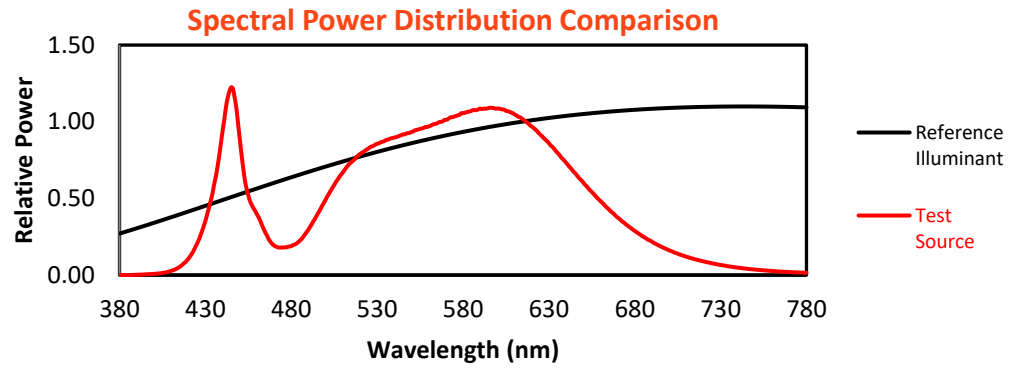
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401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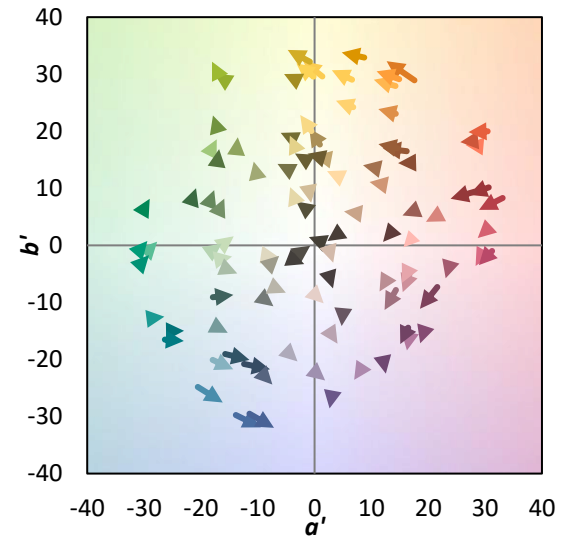
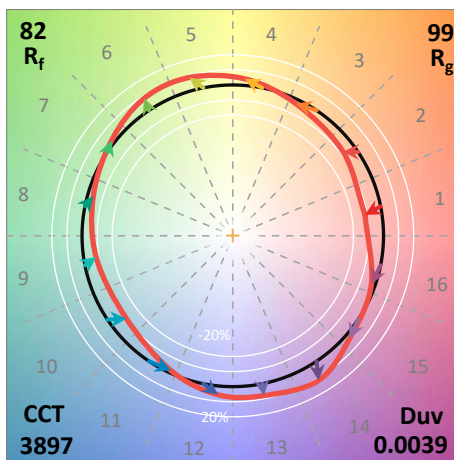
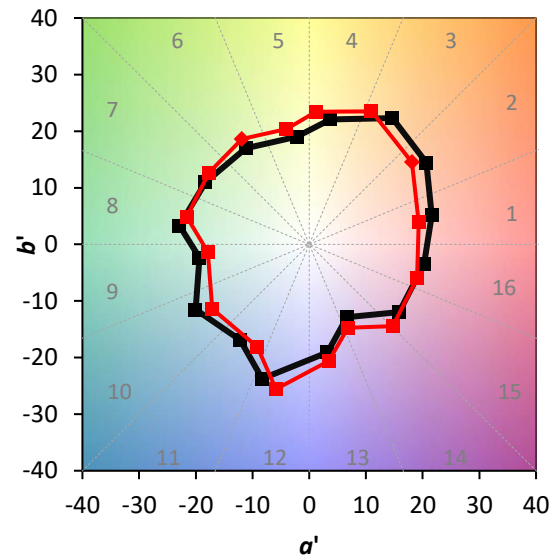
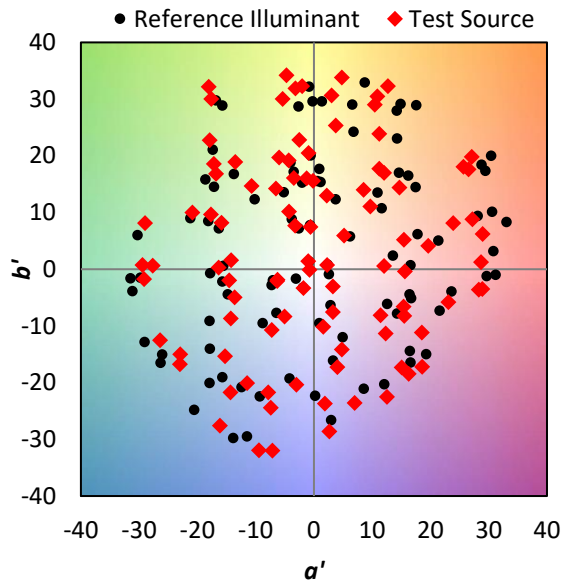
TM-30-18

Summary

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

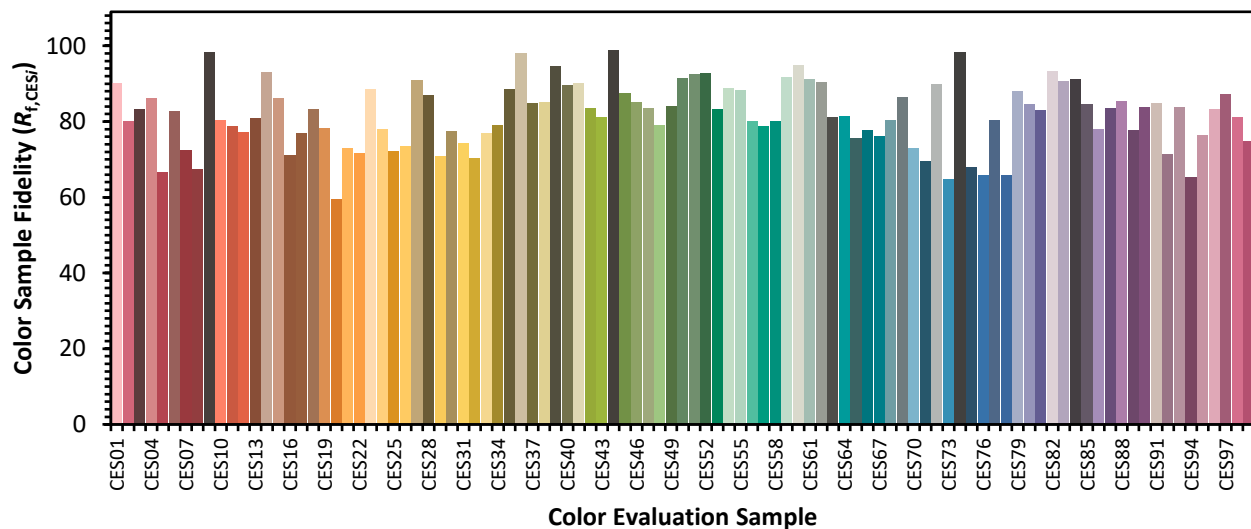


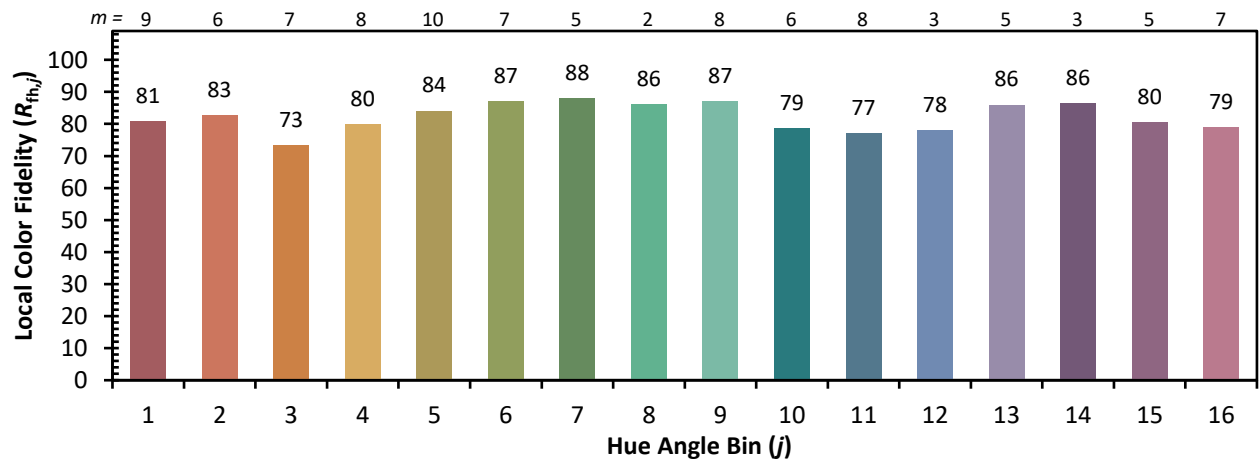
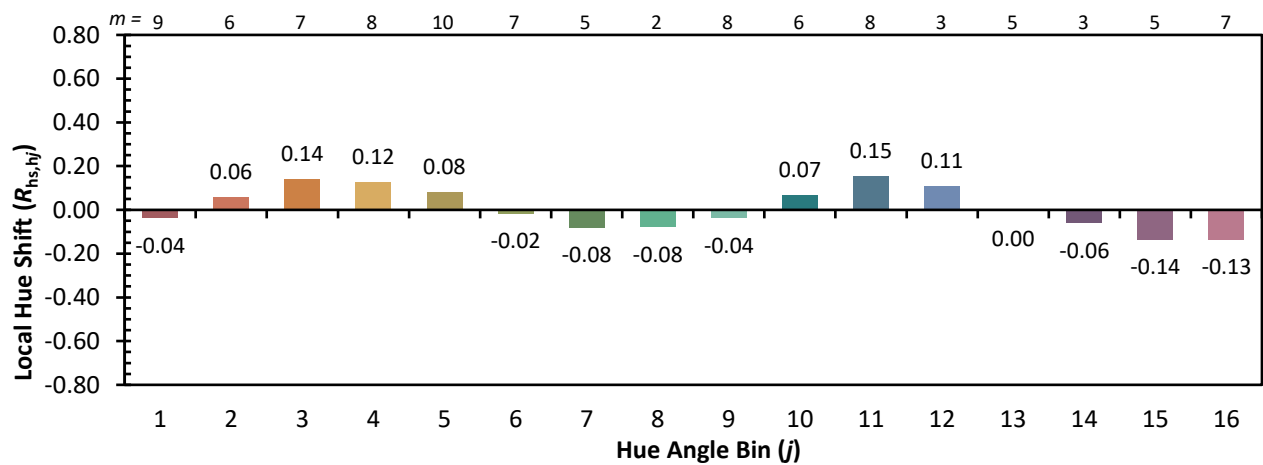
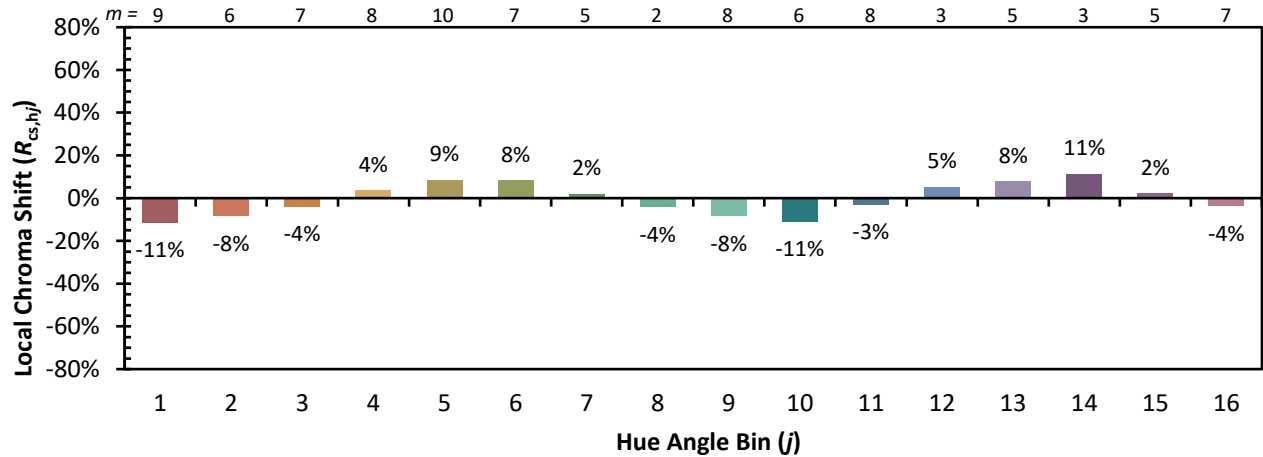
Color Vector Graphics

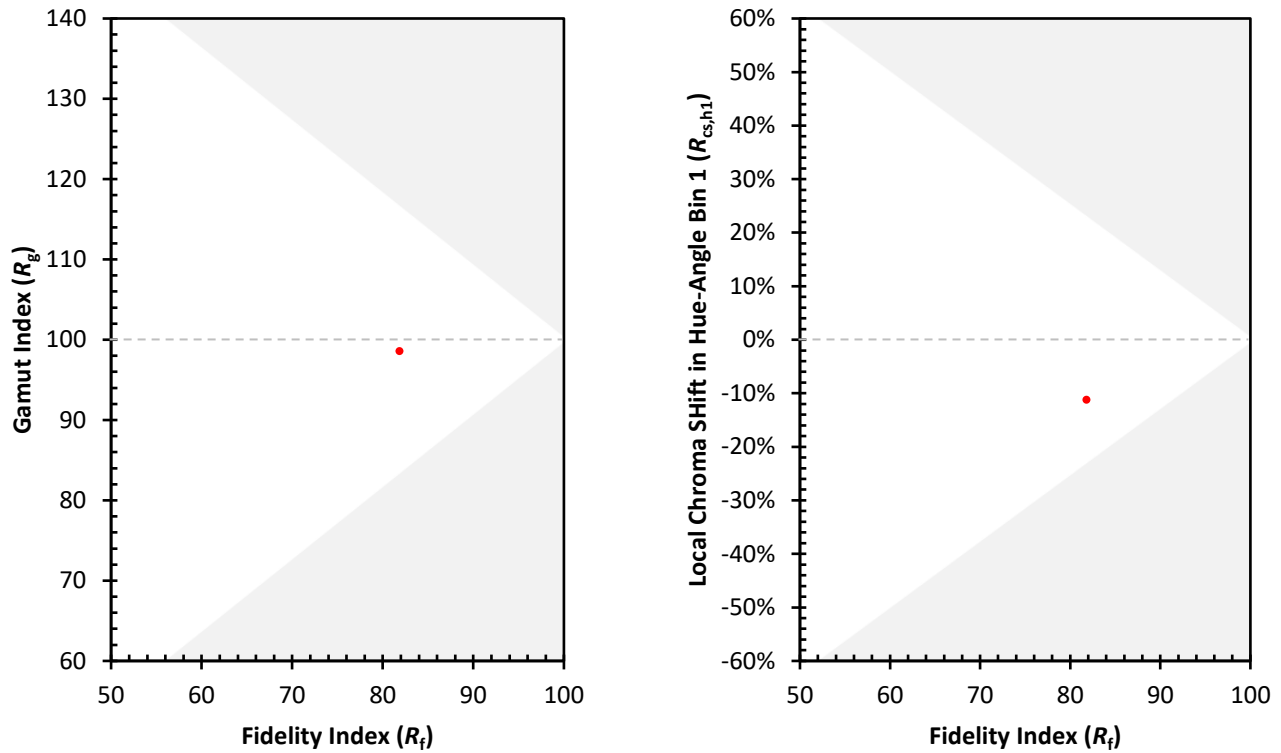


Individual Sample Fidelity Index ($R_{f,i}$)

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)