

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: P1047023

Luminaire Tested: **GALN-SA3C-740-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047023
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-740-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17780 lumens
Efficiency: N/A
Efficacy: 126.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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

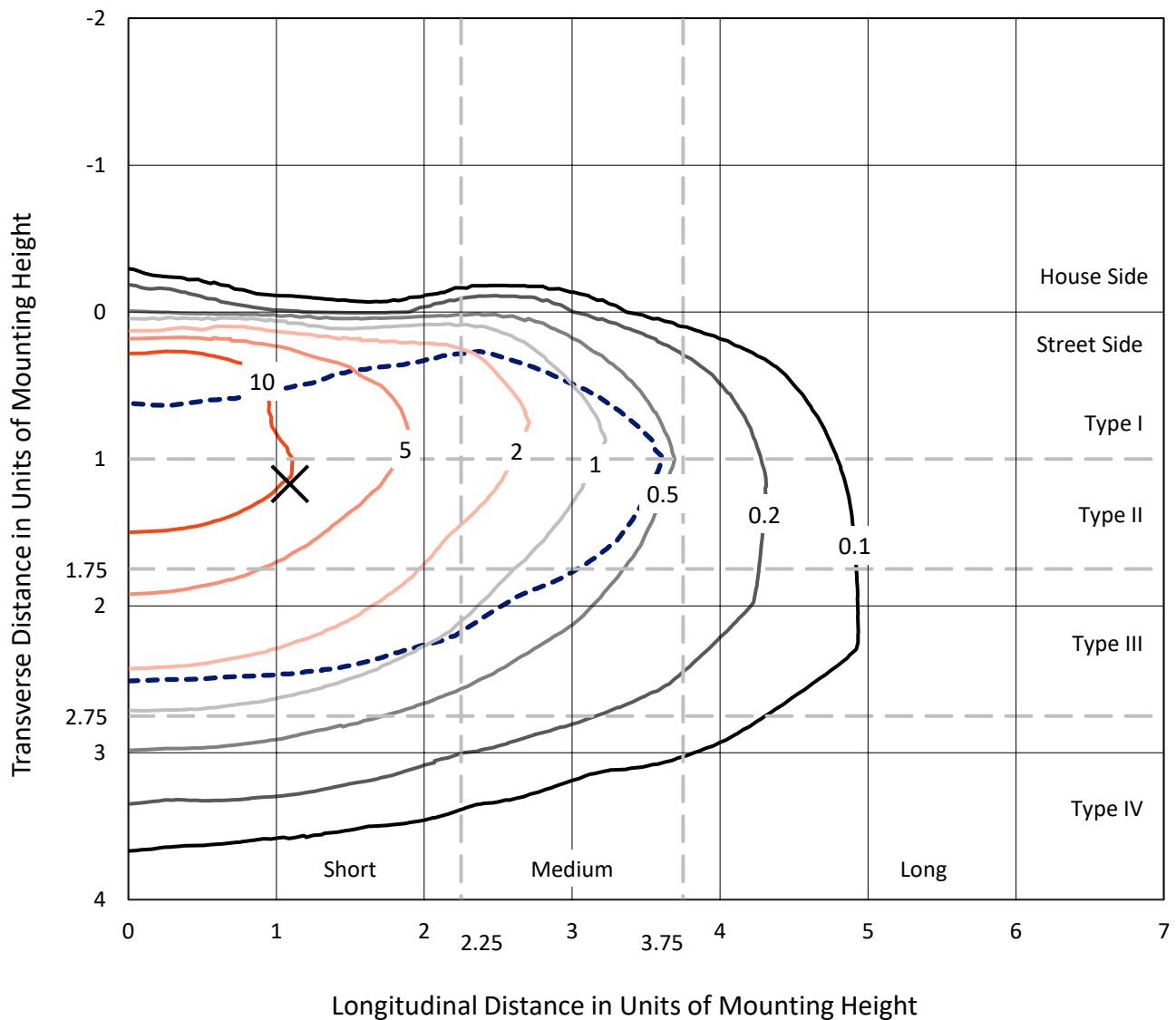


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

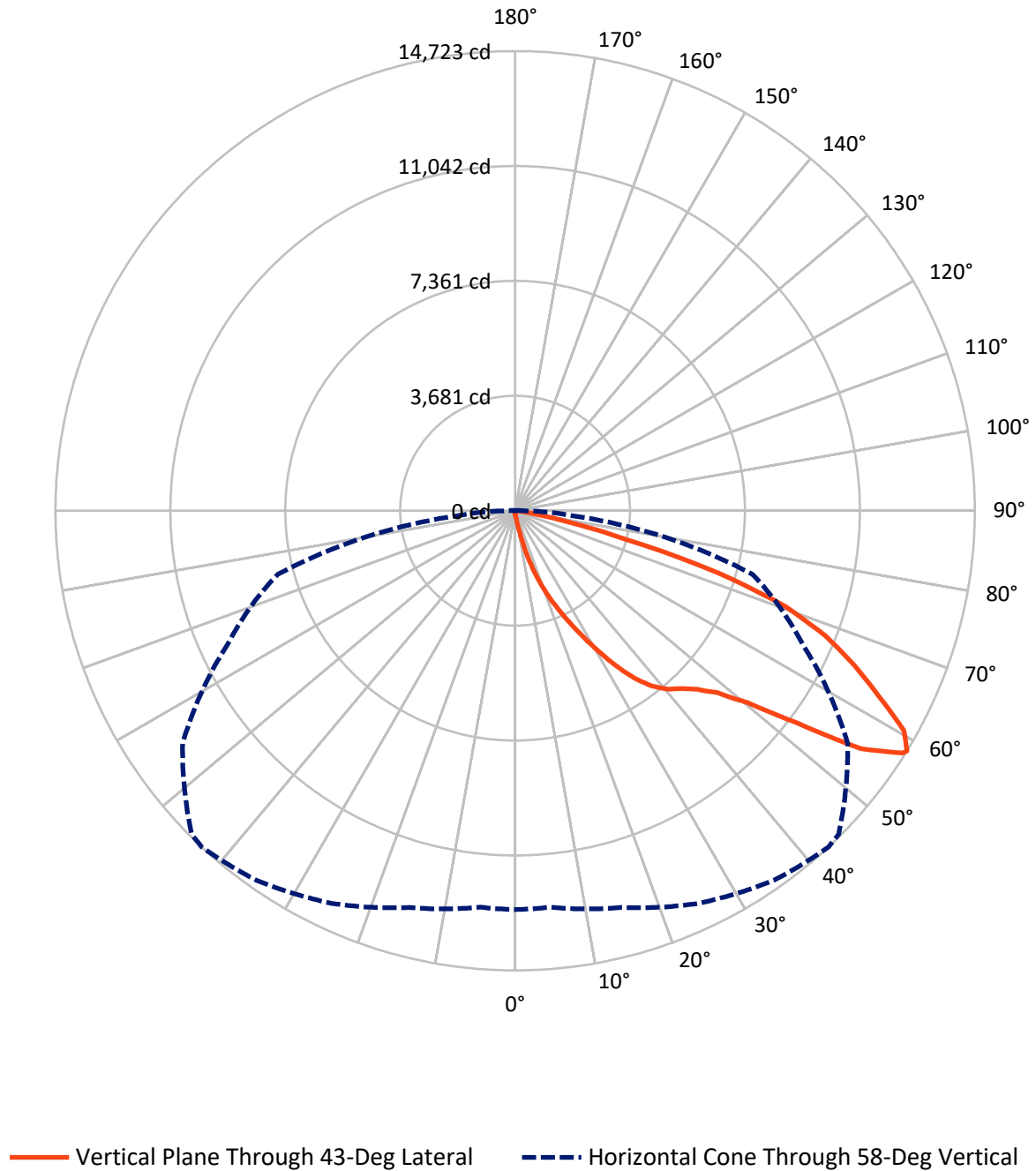


Based on 15 foot mounting height. Maximum calculated value = 20 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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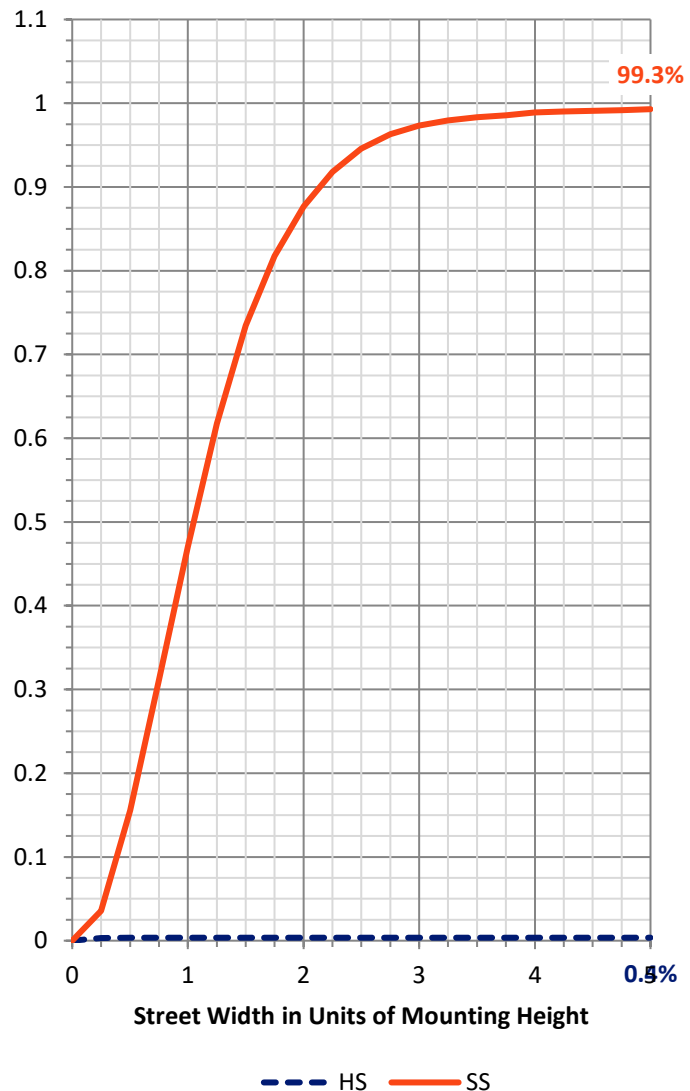
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.9	0.0	64.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17715.0	0.0	17715.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	17780.0	0.0	17780.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	0.1
10°-20°	204.4	1.1
20°-30°	736.6	4.1
30°-40°	1685.4	9.5
40°-50°	2842.7	16.0
50°-60°	4691.1	26.4
60°-70°	5242.9	29.5
70°-80°	2164.7	12.2
80°-90°	195.2	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°	17780.0	100.0
0°-180°	17780.0	100.0



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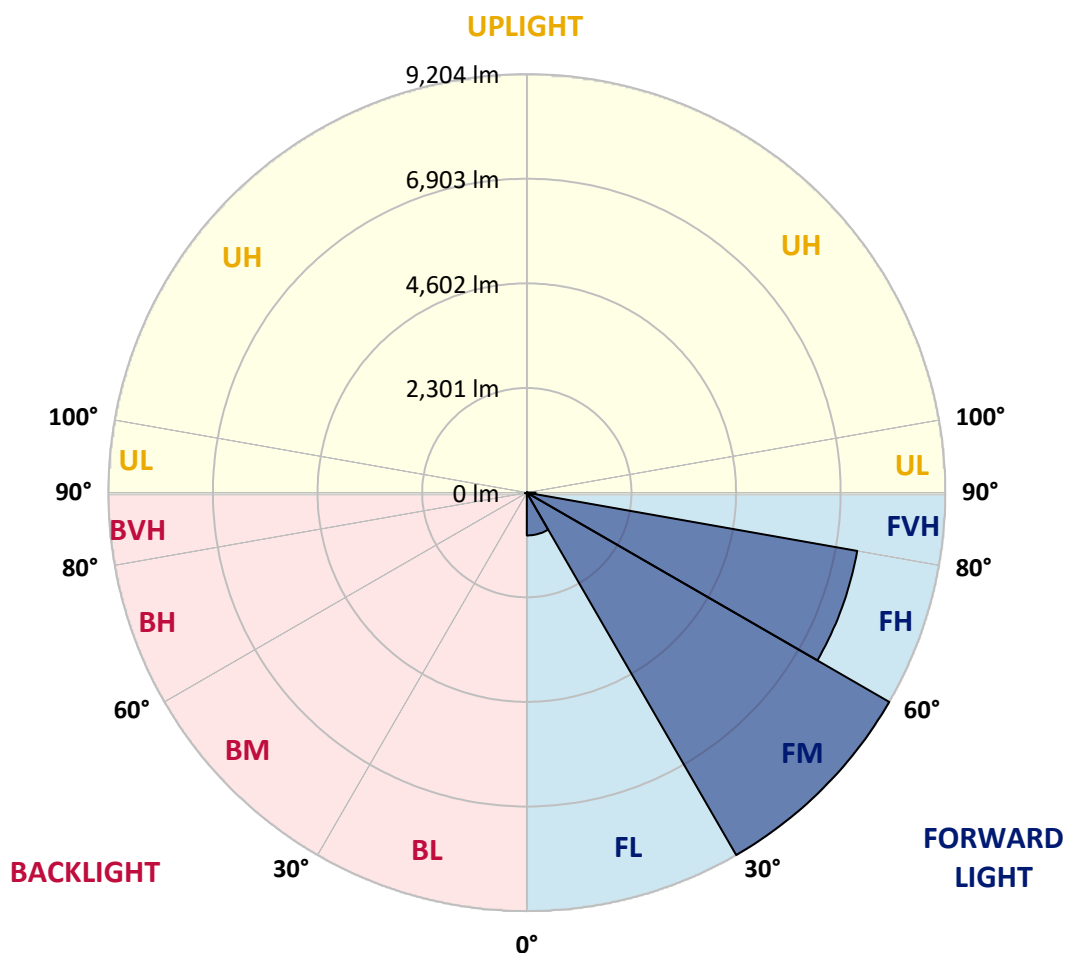
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	941.1	5.3			
FM	(30°-60°)	9203.6	51.8			
FH	(60°-80°)	7377.9	41.5			G3/7500
FVH	(80°-90°)	192.5	1.1			G2/225
BL	(0°-30°)	16.9	0.1	B0/110		
BM	(30°-60°)	15.6	0.1	B0/220		
BH	(60°-80°)	29.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3
2.5°	139.5	144.2	139.5	139.5	139.5	134.9	134.9	130.2	130.2	125.6	120.9
5°	204.6	204.6	190.7	181.4	172.1	167.4	162.8	153.5	144.2	134.9	125.6
7.5°	455.7	455.7	413.9	358.1	283.7	241.8	232.5	190.7	162.8	144.2	125.6
10°	1088.1	1088.1	995.1	841.7	651.0	483.6	432.5	274.4	195.3	153.5	130.2
12.5°	1808.9	1832.2	1715.9	1520.6	1237.0	944.0	841.7	502.2	260.4	167.4	130.2
15°	2455.3	2399.5	2366.9	2180.9	1911.2	1562.5	1432.3	846.3	376.7	190.7	130.2
17.5°	2892.4	2892.4	2845.9	2720.4	2473.9	2167.0	2060.0	1367.2	609.2	218.6	134.9
20°	3403.9	3403.9	3320.2	3231.9	3013.3	2752.9	2650.6	1943.8	944.0	279.0	134.9
22.5°	4022.4	4031.7	3938.7	3780.6	3571.3	3283.0	3194.7	2478.6	1367.2	372.0	139.5
25°	4775.7	4785.0	4650.2	4501.4	4180.5	3869.0	3734.1	3092.4	1883.3	520.8	139.5
27.5°	5608.1	5673.2	5473.3	5217.5	4878.0	4487.4	4385.1	3645.7	2394.8	734.7	148.8
30°	6645.1	6645.1	6380.1	6022.0	5654.6	5171.0	5040.8	4227.0	2938.9	1018.4	158.1
32.5°	7538.0	7468.2	7128.7	6752.1	6361.5	5910.4	5770.9	4836.2	3496.9	1371.8	176.7
35°	8221.5	8161.1	7742.6	7338.0	6998.5	6584.7	6417.3	5496.5	4087.5	1771.7	204.6
37.5°	8807.5	8784.2	8216.9	7710.0	7486.8	7124.1	6975.3	6119.6	4668.8	2204.2	237.2
40°	9449.2	9374.8	8770.3	8142.5	7807.7	7514.7	7379.9	6621.9	5226.8	2711.1	283.7
42.5°	9997.9	9909.6	9365.5	8751.7	8179.7	7784.4	7654.2	7045.0	5770.9	3217.9	344.1
45°	10607.1	10560.6	10011.9	9546.8	8784.2	8151.8	7979.7	7384.5	6268.5	3822.5	423.2
47.5°	11523.2	11439.5	10927.9	10546.6	9663.1	8709.8	8463.3	7733.3	6747.4	4417.7	544.1
50°	12588.1	12532.3	12230.0	11927.7	11048.9	9663.1	9370.1	8235.5	7282.2	5124.5	702.2
52.5°	13457.6	13448.3	13485.5	13490.2	12825.2	11267.4	10830.3	9044.6	7896.0	5822.0	925.4
55°	13439.0	13480.9	13890.1	14359.8	14410.9	13457.6	13034.5	10407.1	8695.9	6682.3	1237.0
57.5°	12936.8	12904.3	13336.7	14043.6	14541.1	14643.4	14573.7	12523.0	9900.3	7719.3	1715.9
58°	12774.1	12746.2	13155.4	13876.2	14448.1	14722.5	14652.7	13001.9	10170.0	7868.1	1846.1
60°	12183.5	12188.1	12430.0	13085.6	13657.6	14308.6	14373.7	14369.1	11513.9	8863.3	2501.8
62.5°	11402.3	11365.1	11588.3	12123.0	12625.3	13062.4	13174.0	14462.1	13480.9	10128.1	3752.7
65°	10323.4	10267.6	10504.8	11109.3	11648.7	11932.4	11937.0	13215.8	14406.3	11486.0	5538.4
67.5°	8319.2	8272.7	8747.0	9523.6	10356.0	10728.0	10895.4	11467.4	13625.1	12406.7	6561.4
70°	5096.6	5194.3	5854.6	7072.9	8495.9	9179.5	9430.6	9607.3	11602.2	12267.2	5487.2
72.5°	2353.0	2236.7	2799.4	3650.4	5273.3	6793.9	7054.3	7747.2	9198.1	10648.9	4092.2
75°	1097.4	1055.6	1185.8	1595.0	2390.2	3669.0	4143.3	6184.8	7054.3	7407.8	2952.9
77.5°	562.7	567.3	674.3	725.4	985.8	1697.3	1948.4	4068.9	5171.0	4134.0	1981.0
80°	246.5	255.8	260.4	283.7	399.9	655.7	739.4	1888.0	3534.1	2106.5	1083.5
82.5°	158.1	162.8	162.8	162.8	190.7	260.4	297.6	758.0	1762.4	1046.3	334.8
85°	83.7	83.7	93.0	116.3	134.9	158.1	167.4	241.8	581.3	311.6	79.1
87.5°	46.5	51.2	55.8	69.8	88.4	107.0	116.3	167.4	223.2	213.9	18.6
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-SA3C-740-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3
2.5°	120.9	116.3	111.6	107.0	102.3	97.7	97.7	97.7	97.7	97.7	97.7
5°	116.3	111.6	107.0	97.7	88.4	83.7	79.1	74.4	74.4	74.4	74.4
7.5°	116.3	111.6	97.7	88.4	79.1	69.8	60.5	60.5	60.5	60.5	60.5
10°	116.3	107.0	93.0	79.1	65.1	55.8	51.2	46.5	46.5	46.5	46.5
12.5°	116.3	102.3	88.4	69.8	55.8	46.5	41.9	37.2	37.2	37.2	37.2
15°	116.3	102.3	83.7	65.1	51.2	37.2	32.6	27.9	27.9	27.9	27.9
17.5°	111.6	97.7	79.1	55.8	41.9	27.9	23.3	18.6	18.6	23.3	23.3
20°	107.0	93.0	69.8	46.5	32.6	23.3	14.0	14.0	14.0	14.0	14.0
22.5°	107.0	93.0	65.1	41.9	27.9	14.0	9.3	9.3	9.3	9.3	14.0
25°	107.0	88.4	55.8	32.6	18.6	9.3	4.7	4.7	4.7	4.7	4.7
27.5°	107.0	88.4	51.2	27.9	14.0	9.3	4.7	0.0	0.0	0.0	0.0
30°	102.3	83.7	46.5	23.3	9.3	4.7	0.0	0.0	0.0	0.0	0.0
32.5°	102.3	79.1	37.2	18.6	9.3	4.7	0.0	0.0	0.0	0.0	0.0
35°	107.0	74.4	32.6	14.0	4.7	0.0	0.0	0.0	0.0	0.0	4.7
37.5°	111.6	69.8	27.9	9.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	116.3	65.1	27.9	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	125.6	65.1	23.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	134.9	65.1	18.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	153.5	69.8	18.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	167.4	74.4	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	186.0	69.8	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	209.3	69.8	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	227.9	65.1	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	237.2	60.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	283.7	55.8	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	441.8	46.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	897.5	41.9	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1674.1	37.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1874.0	41.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1181.1	32.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	623.1	32.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	311.6	32.6	4.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	144.2	23.3	4.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.5	14.0	9.3	4.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	27.9	14.0	9.3	9.3	4.7	4.7	0.0	0.0	0.0	0.0	0.0
87.5°	14.0	14.0	14.0	9.3	9.3	4.7	4.7	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

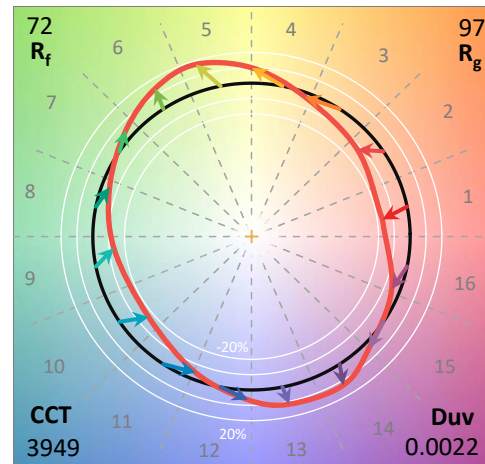
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

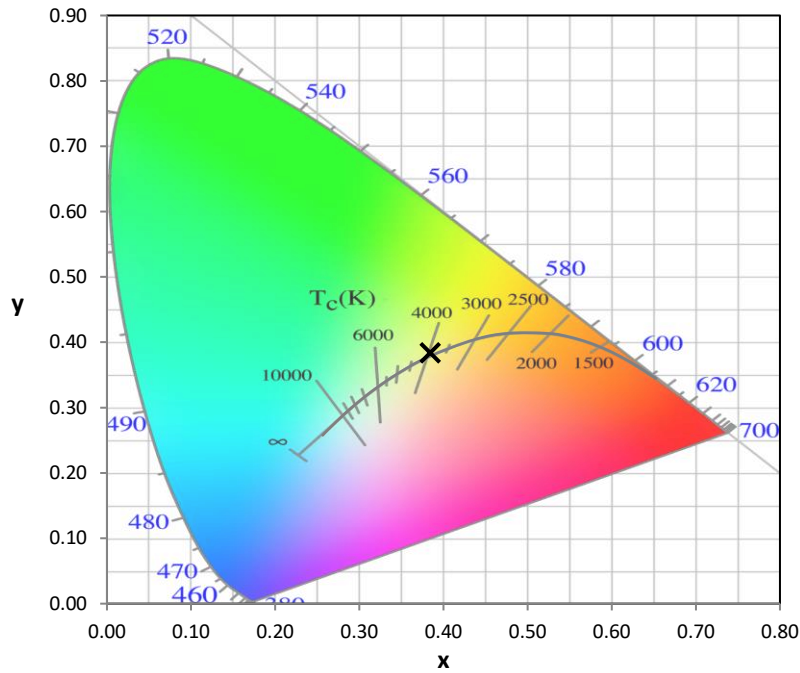
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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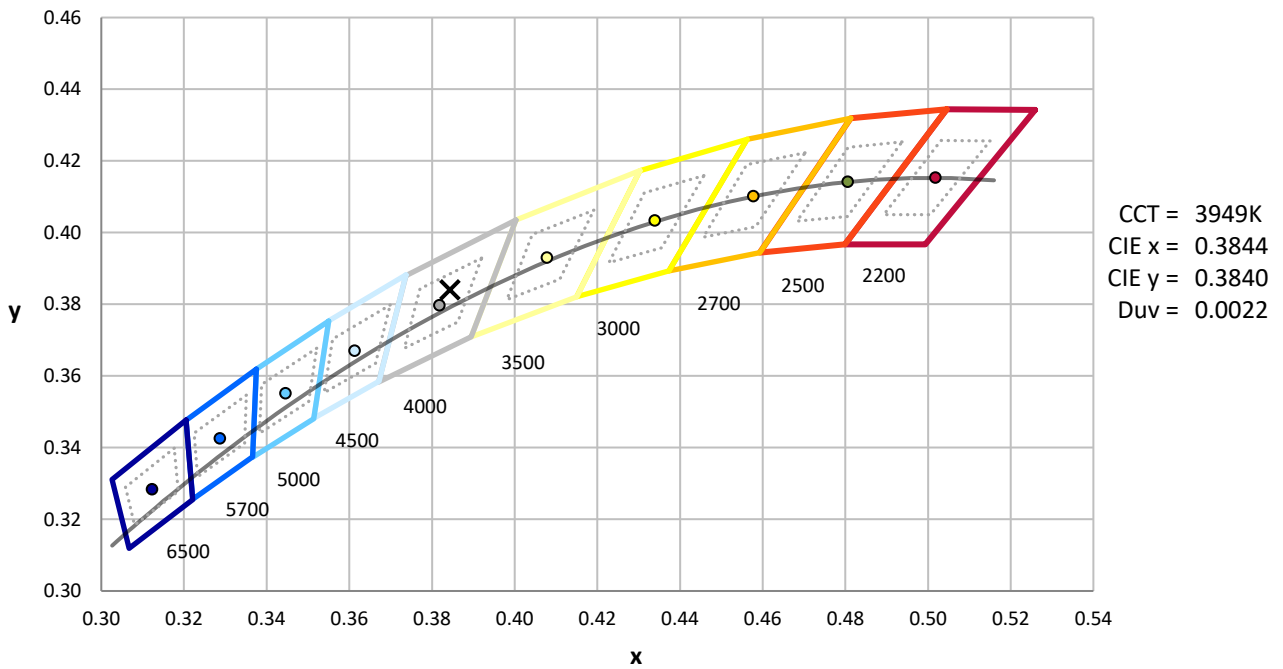
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



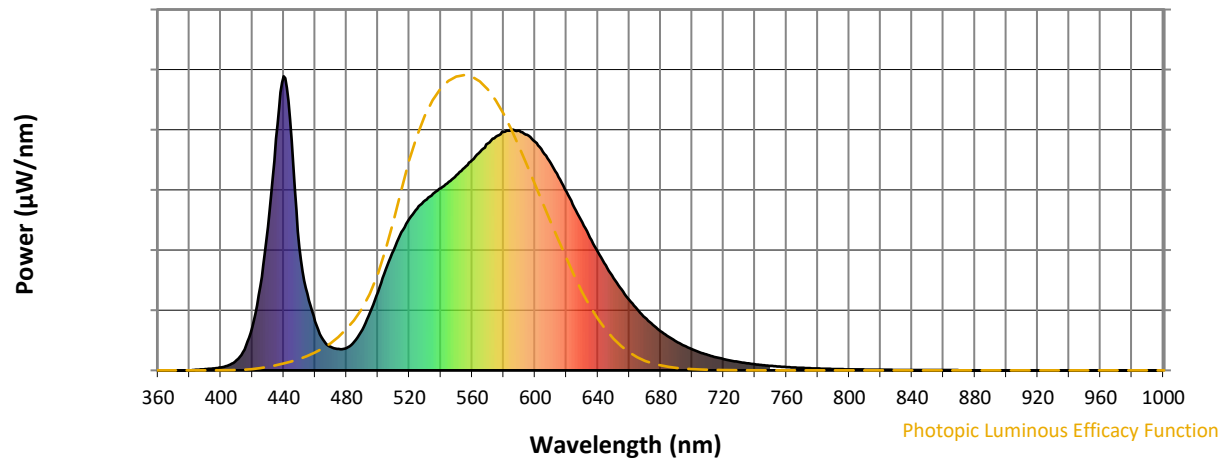
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

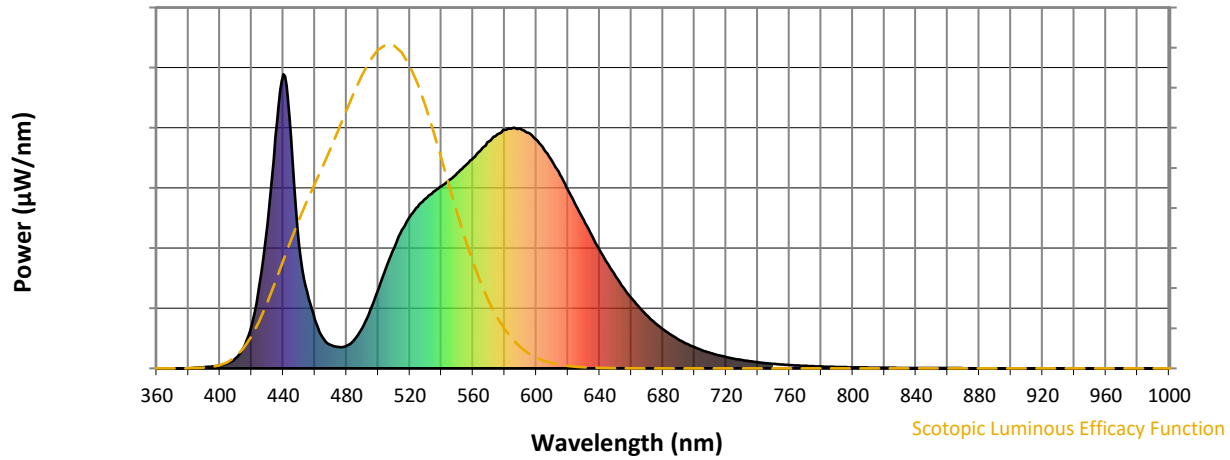


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



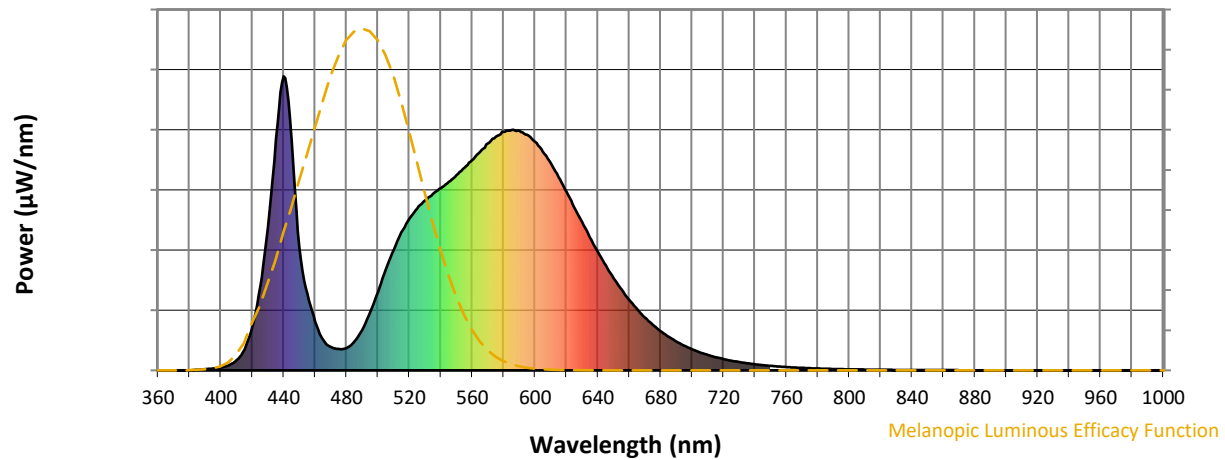
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

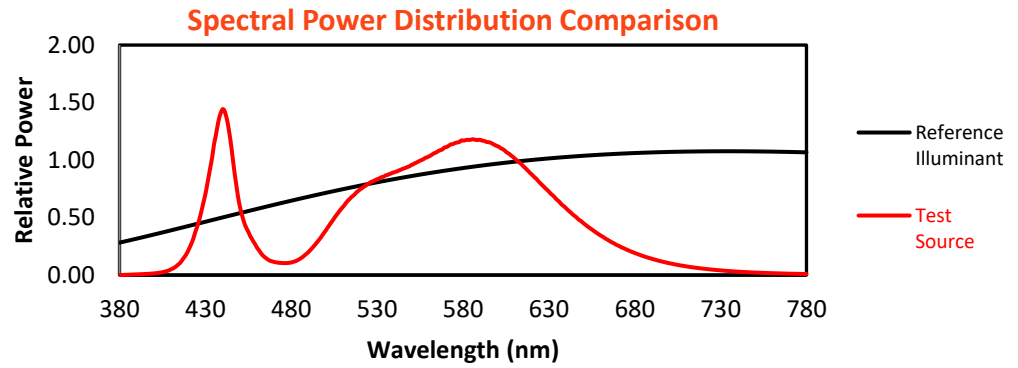
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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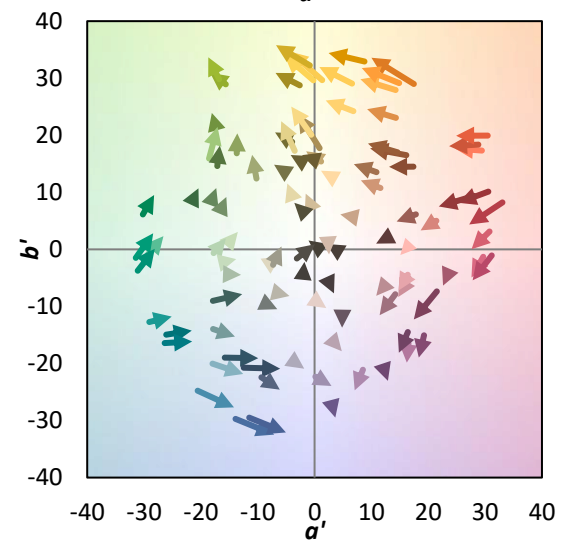
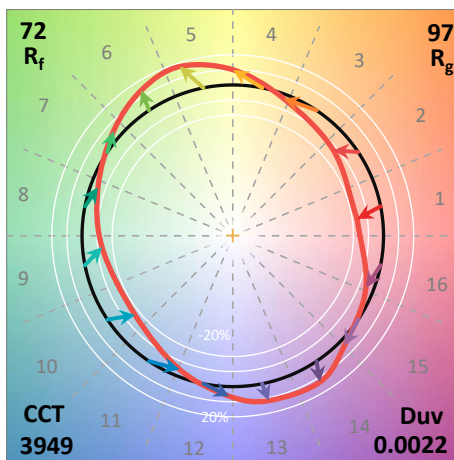
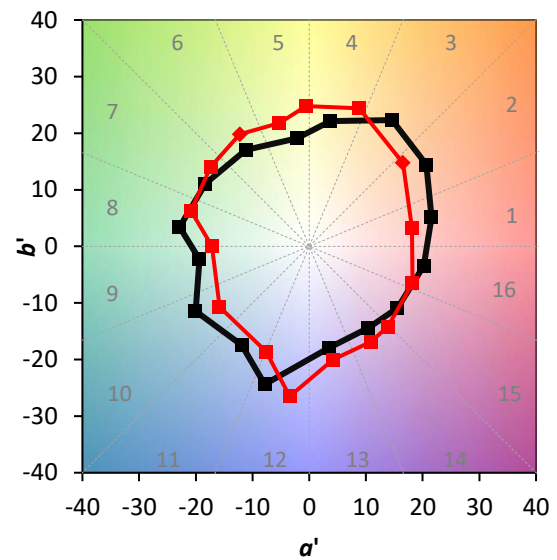
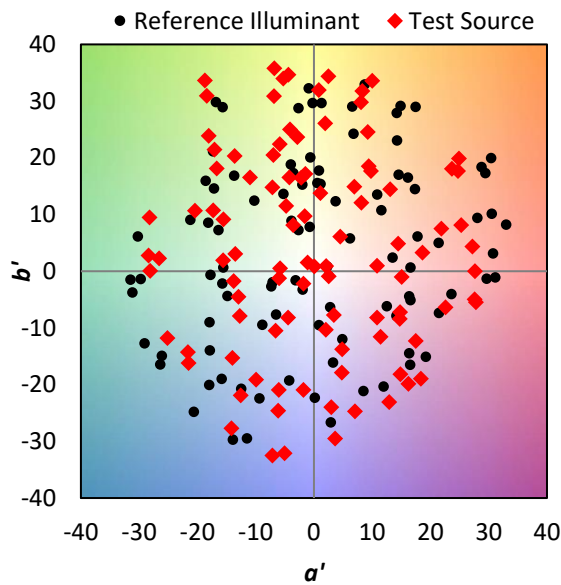
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$

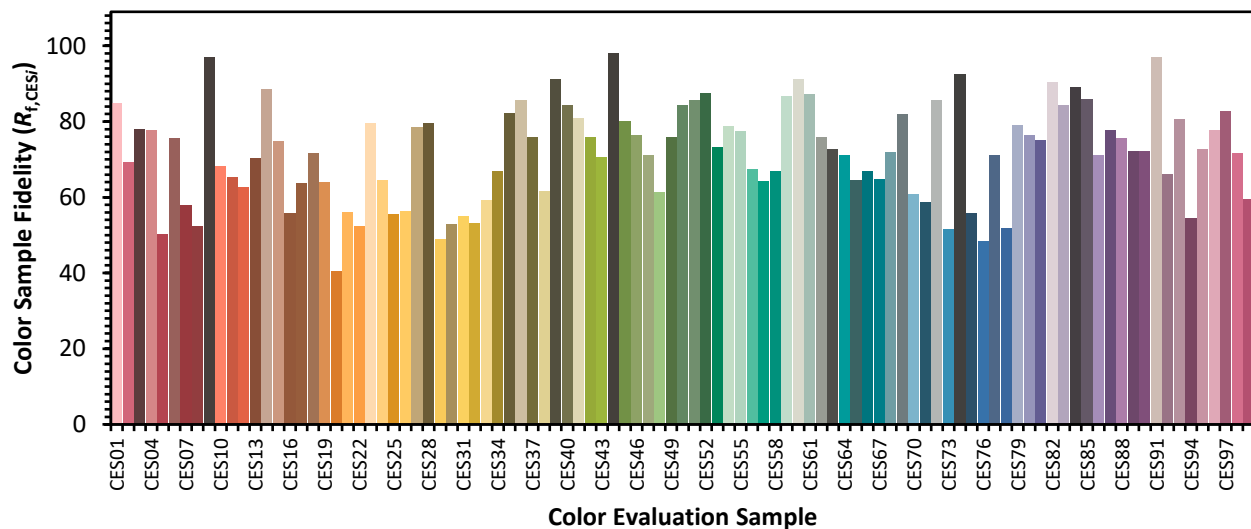


Color Vector Graphics

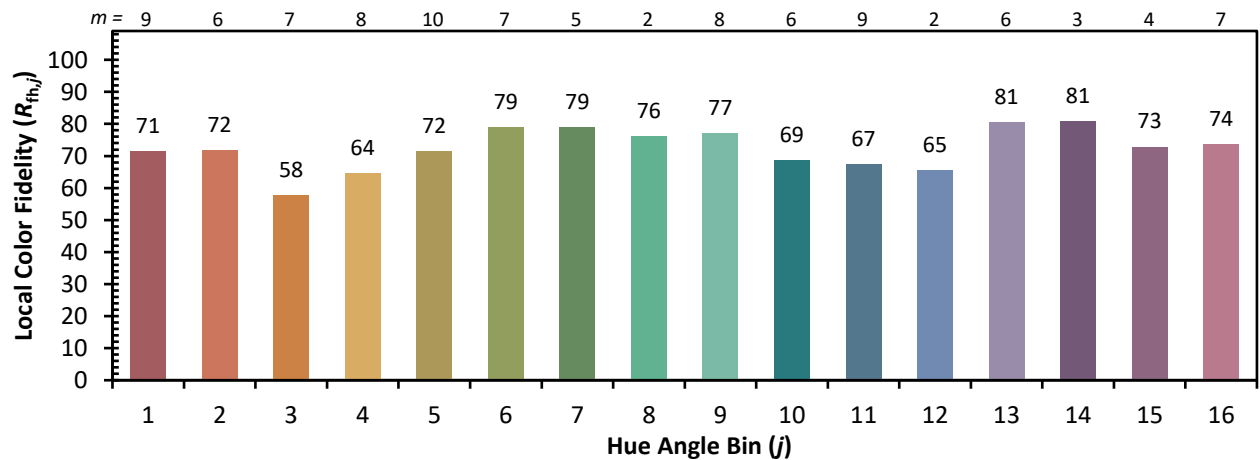
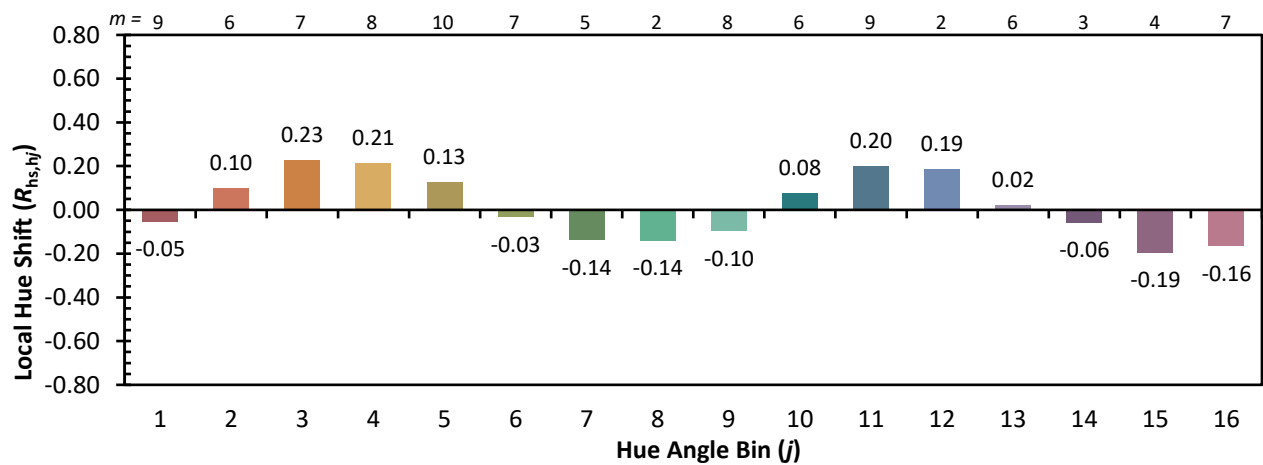
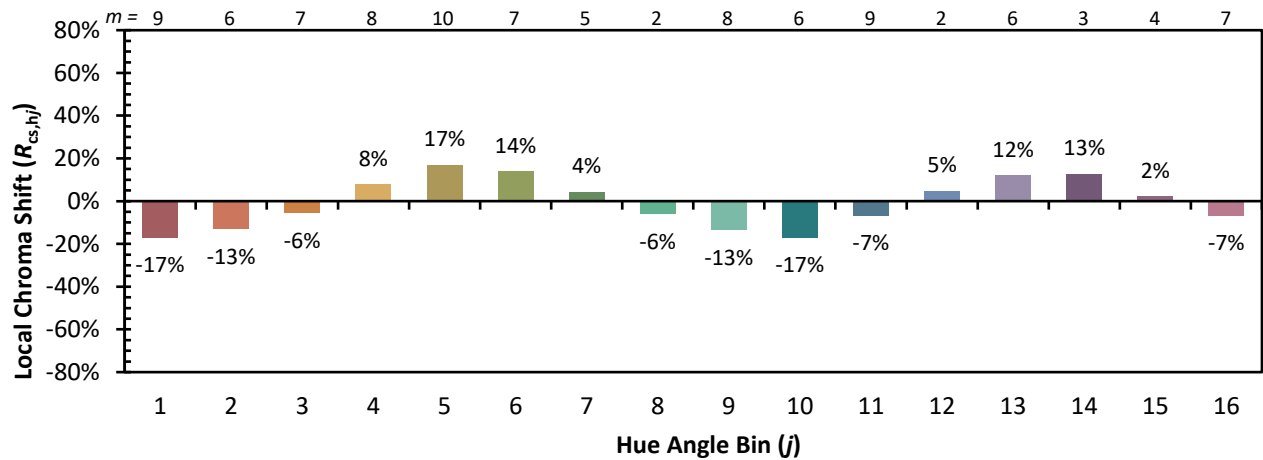


Individual Sample Fidelity Index ($R_{f,i}$)

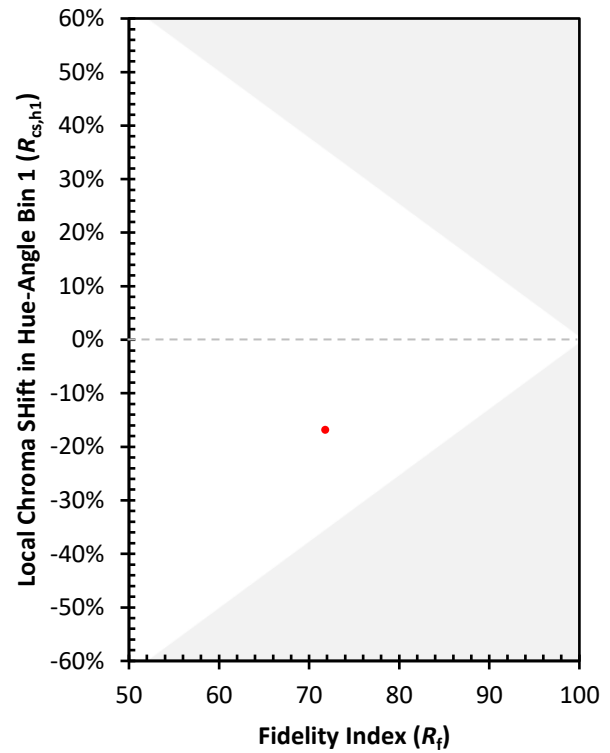
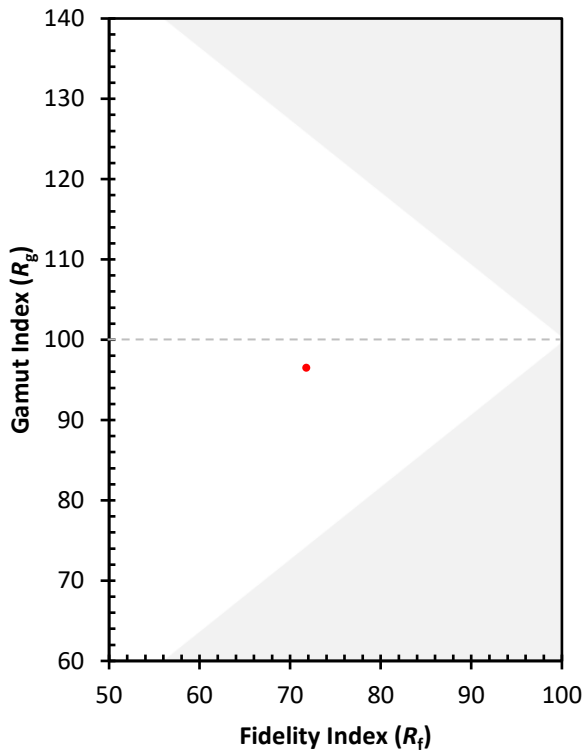
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)