

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: P1048710

Luminaire Tested: **GALN-SA2B-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048710
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6415 lumens
Efficiency: N/A
Efficacy: 88.1 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

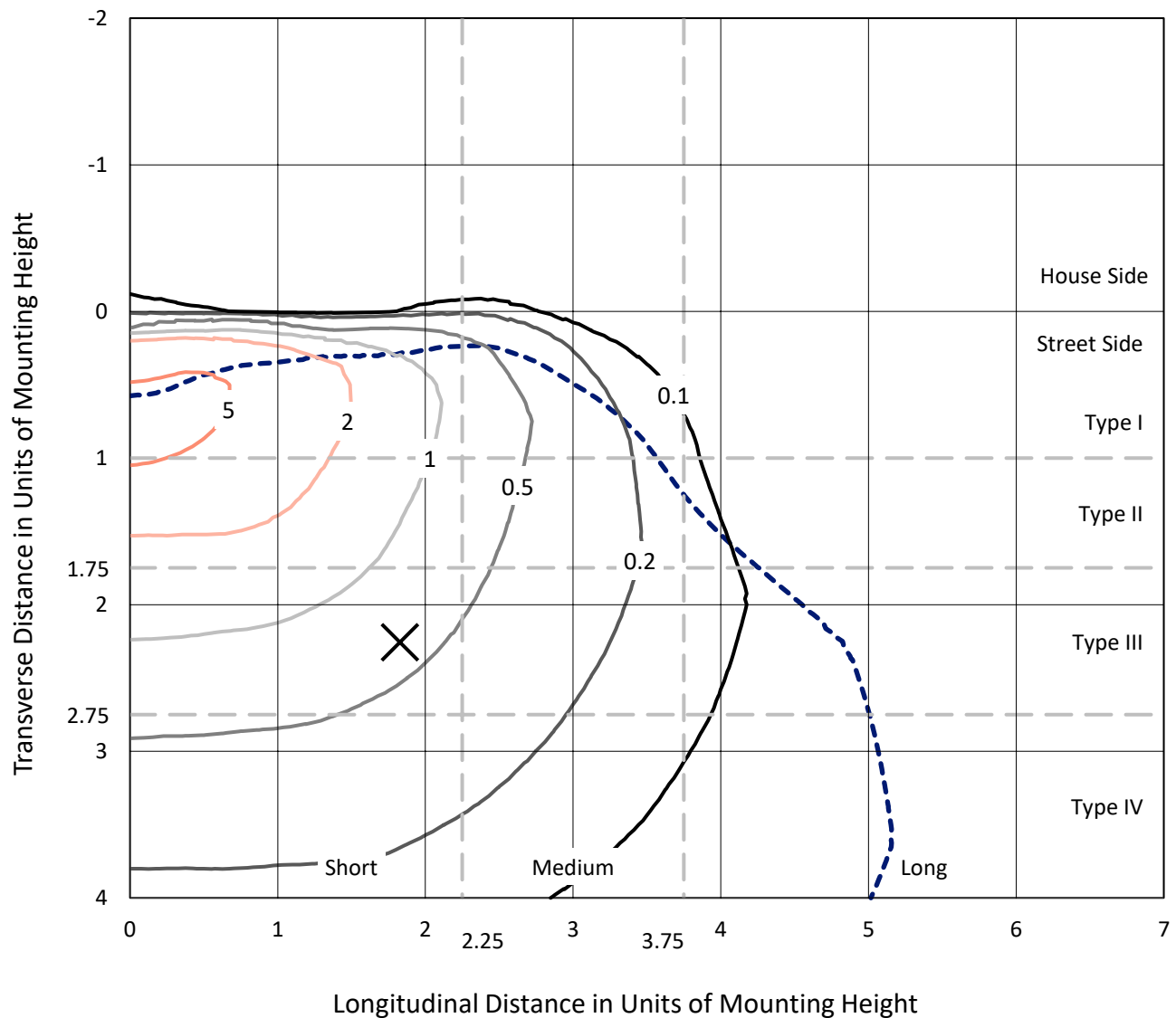


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

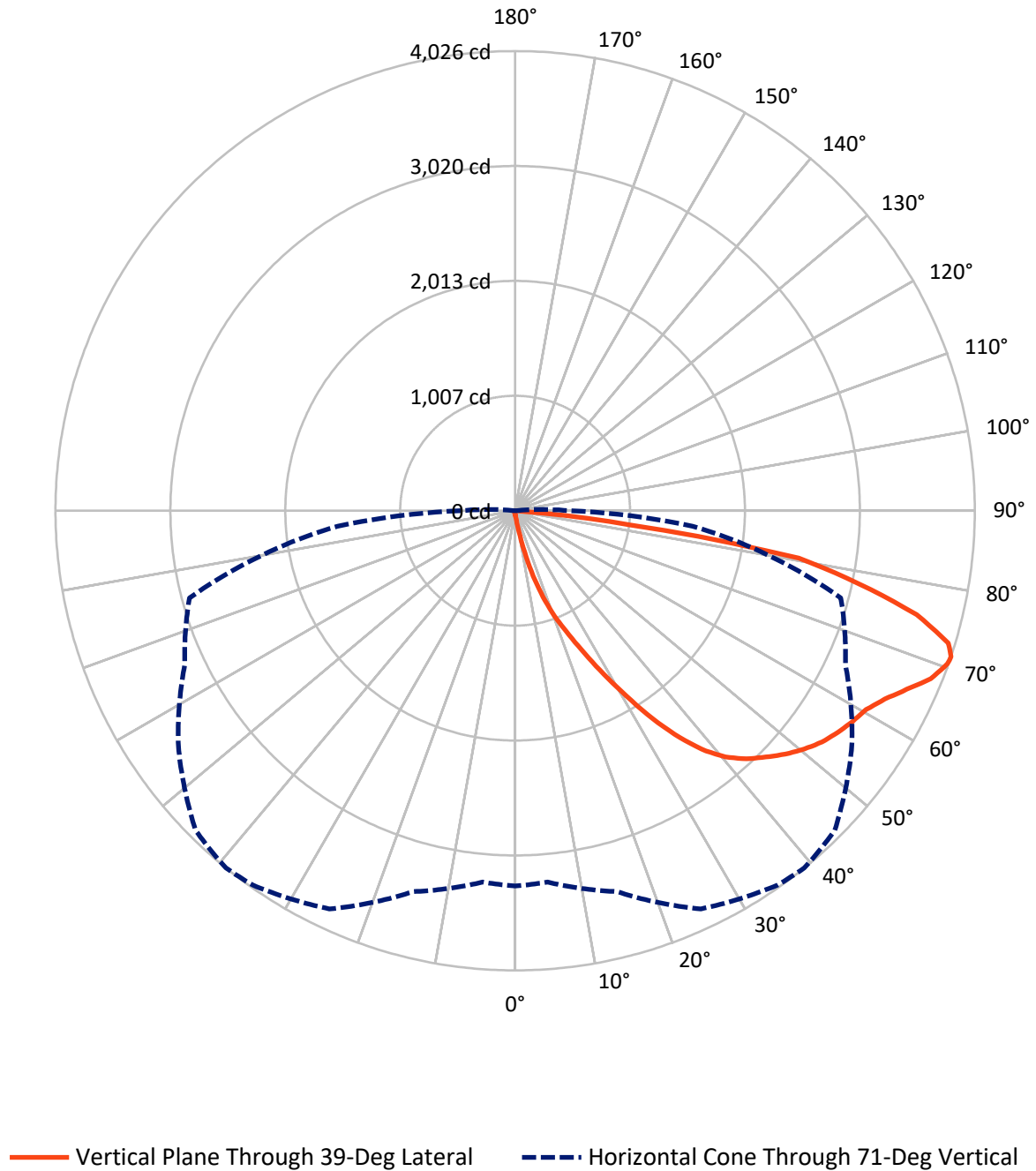


Based on 15 foot mounting height. Maximum calculated value = 6.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.8	0.0	22.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6392.3	0.0	6392.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	6415.0	0.0	6415.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.4	0.1
10°-20°	68.6	1.1
20°-30°	244.2	3.8
30°-40°	588.5	9.2
40°-50°	984.9	15.4
50°-60°	1264.9	19.7
60°-70°	1600.8	25.0
70°-80°	1427.2	22.2
80°-90°	230.7	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°	6415.0	100.0
0°-180°	6415.0	100.0



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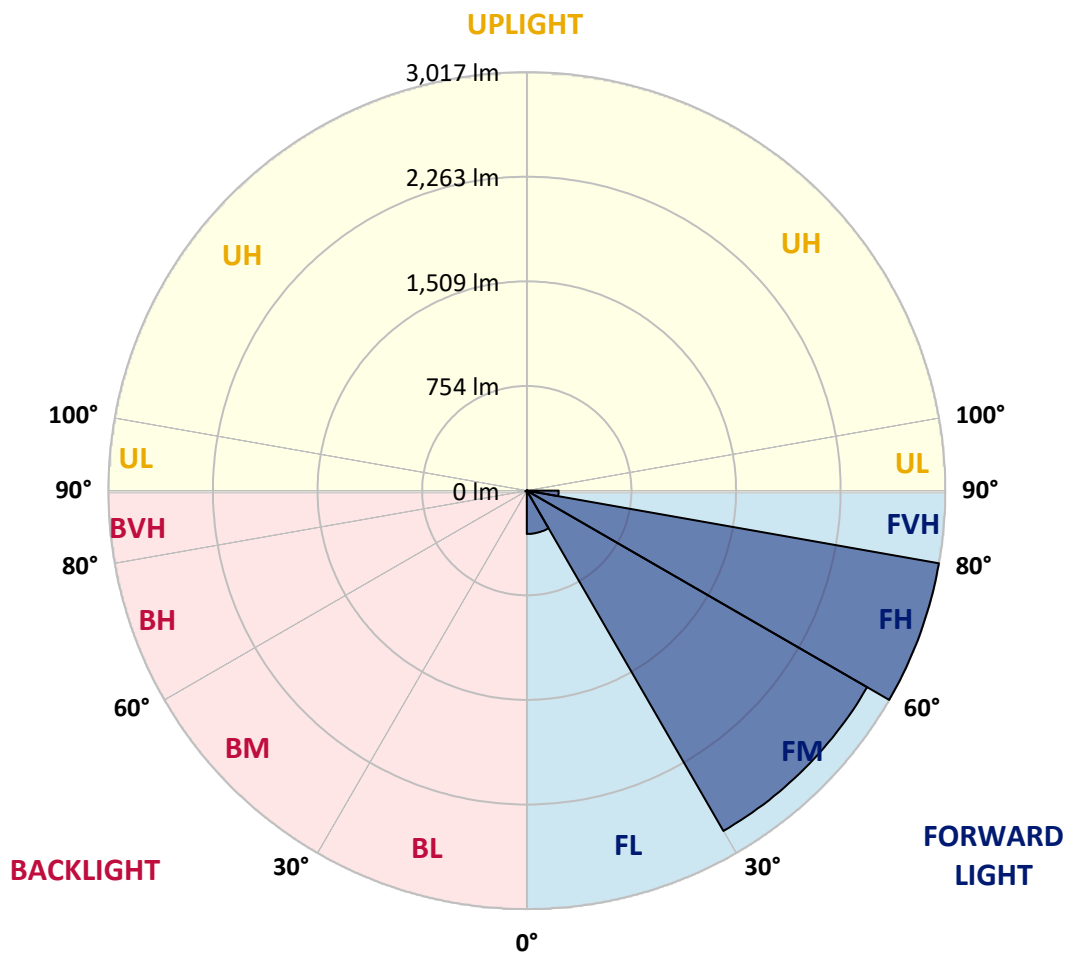
CATALOG NUMBER: GALN-SA2B-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	312.6	4.9			
FM	(30°-60°)	2833.0	44.2			
FH	(60°-80°)	3017.0	47.0			G2/5000
FVH	(80°-90°)	229.6	3.6			G3/500
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	5.3	0.1	B0/220		
BH	(60°-80°)	11.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2.5°	40.4	40.4	40.4	39.1	39.1	38.6	38.2	38.2	37.3	36.9	36.0
5°	61.2	59.9	56.9	55.2	51.7	49.5	47.3	44.3	41.3	39.1	36.5
7.5°	138.5	141.6	131.6	112.9	93.8	85.6	71.7	57.8	47.8	41.3	36.9
10°	353.1	351.3	317.4	280.1	216.3	190.6	149.4	94.2	61.7	45.2	37.3
12.5°	600.6	598.9	558.9	508.1	423.8	370.4	292.3	175.9	88.6	51.2	37.3
15°	808.6	801.7	789.1	738.7	640.1	595.4	492.0	310.9	143.3	61.7	38.2
17.5°	946.3	940.2	928.5	910.2	847.7	794.7	711.8	488.5	231.9	79.9	40.0
20°	1072.6	1068.3	1058.7	1055.3	1014.9	986.6	918.0	692.7	361.3	108.6	42.6
22.5°	1246.3	1237.2	1241.1	1220.3	1180.8	1146.9	1104.8	906.3	519.4	156.3	47.3
25°	1459.1	1454.8	1443.9	1429.2	1374.4	1344.9	1280.2	1107.8	696.1	218.9	52.5
27.5°	1716.2	1711.4	1708.8	1675.0	1612.0	1579.9	1489.5	1298.0	895.0	306.6	59.5
30°	2012.4	2014.6	1997.6	1954.2	1880.8	1835.6	1742.7	1497.3	1098.7	409.5	66.9
32.5°	2319.0	2314.6	2288.6	2237.3	2171.8	2129.6	2011.5	1715.8	1312.3	545.4	75.6
35°	2649.4	2641.2	2572.6	2514.0	2457.9	2405.0	2297.3	1969.4	1526.0	697.9	87.3
37.5°	2983.0	2944.3	2806.6	2732.4	2693.7	2650.3	2550.0	2239.9	1738.4	868.1	101.6
40°	3234.8	3204.9	3041.6	2904.8	2874.0	2837.0	2762.4	2473.6	1964.2	1050.9	119.0
42.5°	3374.2	3357.7	3210.9	3075.9	3003.4	2970.8	2907.0	2677.7	2187.4	1252.9	144.2
45°	3433.7	3408.1	3310.0	3247.0	3131.5	3077.6	3001.6	2831.8	2420.6	1482.1	179.4
47.5°	3415.5	3400.7	3330.4	3353.4	3269.6	3185.8	3074.2	2950.0	2619.9	1745.3	227.6
50°	3300.8	3288.2	3266.5	3391.2	3380.7	3281.7	3168.0	3043.3	2782.8	2016.7	302.2
52.5°	3082.8	3077.6	3133.2	3361.6	3443.7	3366.4	3258.3	3125.8	2934.8	2300.3	409.1
55°	2801.9	2823.2	2982.1	3315.6	3475.9	3429.0	3338.2	3203.1	3056.8	2553.9	566.7
57.5°	2686.4	2692.0	2890.5	3283.0	3490.2	3484.1	3415.9	3277.0	3168.8	2756.7	807.3
60°	2821.4	2812.7	2917.4	3307.8	3518.8	3533.6	3485.0	3345.6	3266.1	2930.8	1127.8
62.5°	3065.5	3060.7	3094.1	3413.3	3602.7	3632.6	3580.9	3395.1	3352.1	3045.5	1493.4
65°	3283.5	3273.5	3335.6	3600.5	3749.9	3771.2	3726.0	3479.8	3389.9	3128.9	1836.9
67.5°	3377.7	3375.5	3475.4	3778.5	3904.5	3927.5	3888.0	3596.6	3381.2	3155.4	1988.5
70°	3334.7	3326.5	3486.3	3854.1	3991.8	4017.8	3979.6	3640.0	3286.9	3071.6	1764.0
71°	3287.4	3265.2	3453.7	3848.9	4003.9	4026.1	3959.2	3600.5	3192.3	2952.6	1560.3
72.5°	3140.6	3144.5	3364.2	3794.6	3974.8	3968.3	3843.7	3458.9	3078.1	2682.5	1253.3
75°	2779.3	2802.3	3074.6	3566.6	3715.1	3632.2	3441.5	3188.4	2848.8	1923.4	870.3
77.5°	2271.2	2305.5	2604.7	3128.0	3085.9	3077.6	3069.8	2809.3	2432.7	1033.1	605.4
80°	1084.4	1158.6	1571.2	2233.0	2425.8	2519.2	2460.5	2263.8	1881.2	492.0	361.7
82.5°	70.8	69.9	99.0	187.6	790.8	1022.3	1624.1	1618.1	1311.5	239.7	147.6
85°	33.4	34.3	37.8	43.0	49.9	54.7	75.6	442.9	627.5	114.2	32.1
87.5°	19.5	20.0	23.5	30.0	39.1	43.4	51.7	66.4	81.6	63.0	6.9
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: P1048710

CATALOG NUMBER: GALN-SA2B-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2.5°	35.6	35.2	33.9	32.6	31.3	30.4	30.0	30.4	30.4	30.8	30.8
5°	35.6	34.3	32.1	29.5	27.8	26.1	25.2	24.8	25.2	25.2	25.2
7.5°	35.2	33.0	30.0	26.9	24.8	22.6	21.7	21.3	21.3	21.7	21.7
10°	34.3	32.1	28.2	24.8	22.1	19.5	18.2	16.9	16.9	16.9	17.4
12.5°	33.9	30.8	26.1	22.6	19.1	16.1	13.5	12.2	12.6	12.6	12.6
15°	33.0	29.5	24.8	20.4	16.1	12.2	10.0	8.7	9.1	9.6	9.1
17.5°	33.0	29.1	23.0	17.8	12.6	9.1	7.4	6.5	6.5	6.9	6.9
20°	33.0	28.2	21.7	15.2	9.6	6.9	5.2	4.8	4.8	5.6	6.1
22.5°	33.9	28.2	20.0	12.6	7.8	5.2	3.9	3.5	3.9	4.8	5.2
25°	35.2	27.8	18.2	11.3	6.5	3.9	3.0	2.2	2.6	3.5	3.9
27.5°	36.5	27.4	16.5	10.0	5.2	3.0	2.2	1.7	1.3	1.7	1.7
30°	37.8	27.4	14.8	8.3	4.3	2.2	1.3	0.9	0.4	0.0	0.0
32.5°	38.6	26.5	13.5	6.5	3.5	1.7	0.9	0.4	0.0	0.0	0.0
35°	39.5	25.6	11.7	5.2	2.6	1.3	0.4	0.0	0.0	0.0	0.0
37.5°	40.4	24.3	10.0	4.3	2.2	0.9	0.0	0.0	0.0	0.0	0.0
40°	41.3	22.6	8.3	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	42.1	21.3	6.9	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.3	20.4	5.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	48.2	19.5	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	53.8	18.7	4.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	61.7	18.2	4.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	75.6	17.8	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	99.4	17.4	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	152.4	16.5	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	272.3	16.1	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	474.7	16.5	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	680.5	17.4	3.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	582.3	15.2	3.0	1.7	0.9	0.4	0.0	0.0	0.0	0.0	0.0
71°	474.7	13.5	3.0	1.7	0.9	0.4	0.4	0.0	0.0	0.0	0.0
72.5°	305.3	10.4	2.6	1.7	0.9	0.9	0.4	0.0	0.0	0.0	0.0
75°	129.0	8.7	2.6	1.7	1.3	0.9	0.9	0.4	0.0	0.0	0.0
77.5°	55.2	6.5	2.6	2.2	1.7	1.3	1.3	0.9	0.4	0.0	0.0
80°	20.8	5.2	3.0	2.6	2.2	2.2	1.7	0.9	0.4	0.0	0.0
82.5°	9.6	4.3	3.0	2.6	2.6	2.2	1.7	1.3	0.9	0.0	0.0
85°	6.1	3.9	3.0	2.6	2.6	2.2	2.2	1.3	0.9	0.0	0.0
87.5°	4.8	3.9	3.0	3.0	2.6	2.6	1.7	1.3	0.4	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

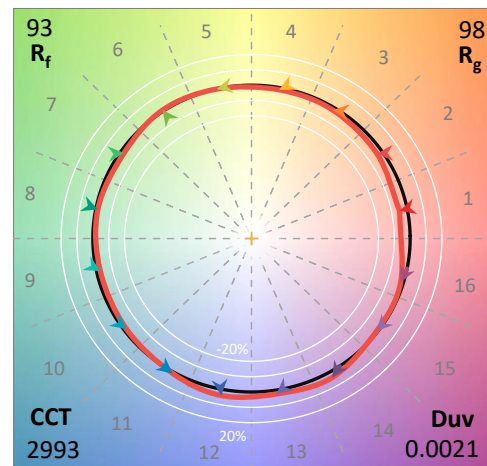
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

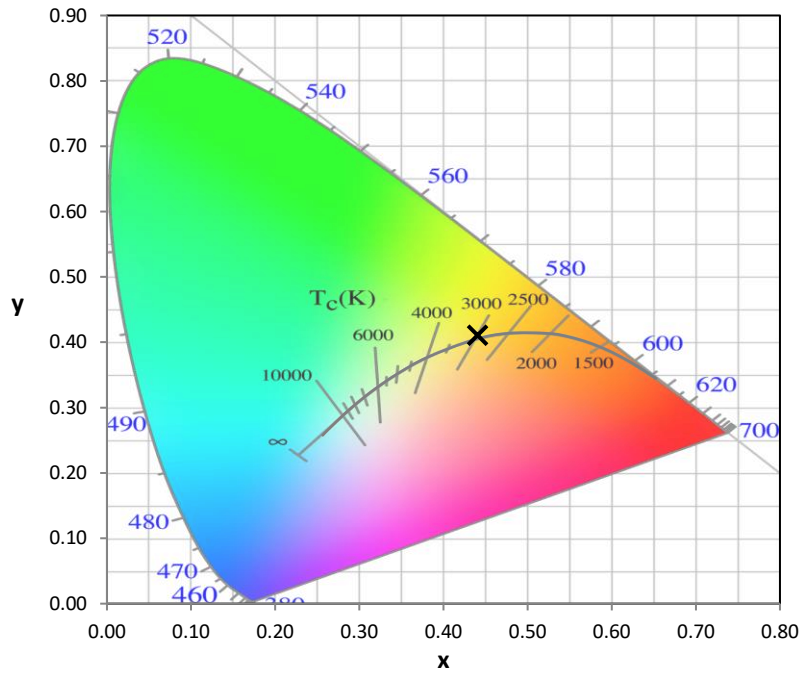
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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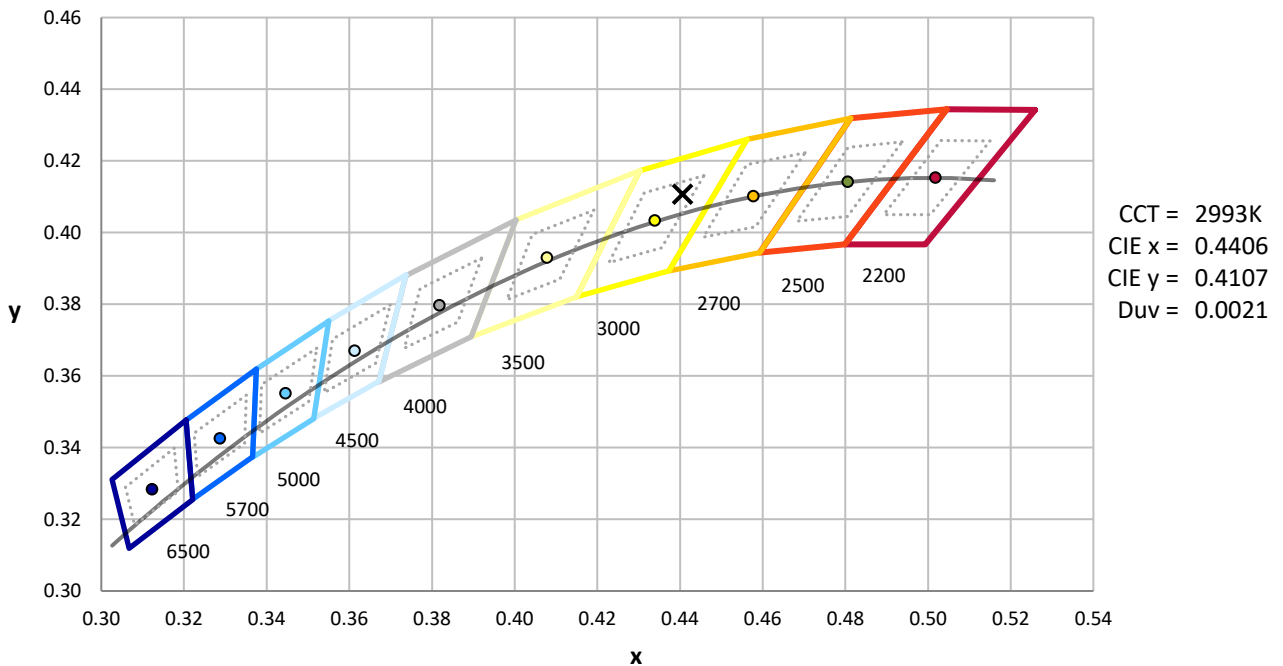
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



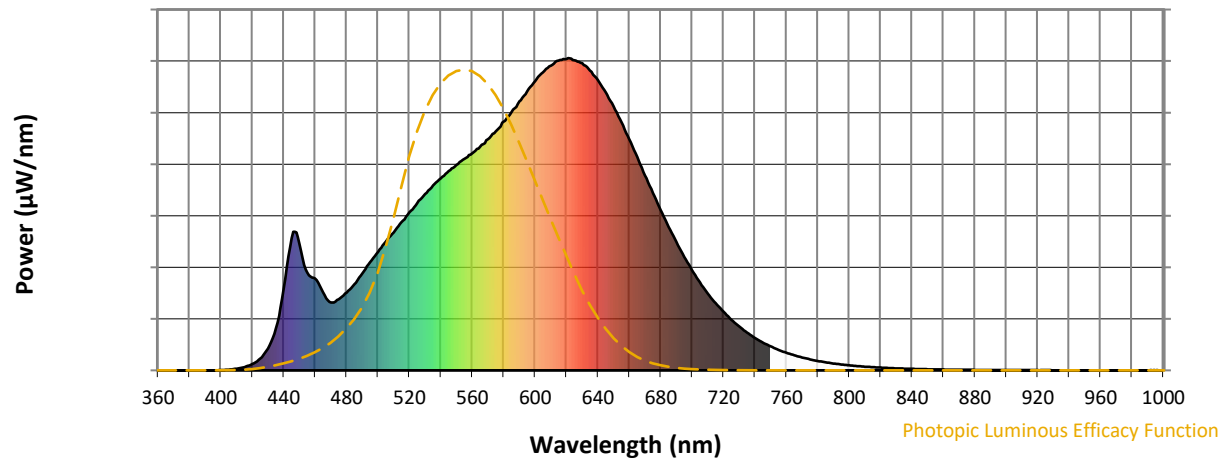
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

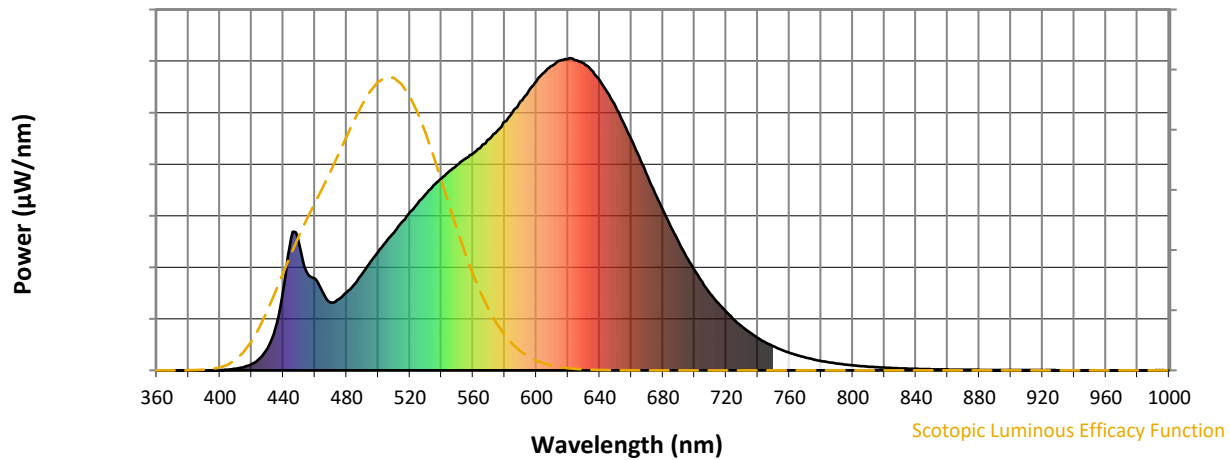


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



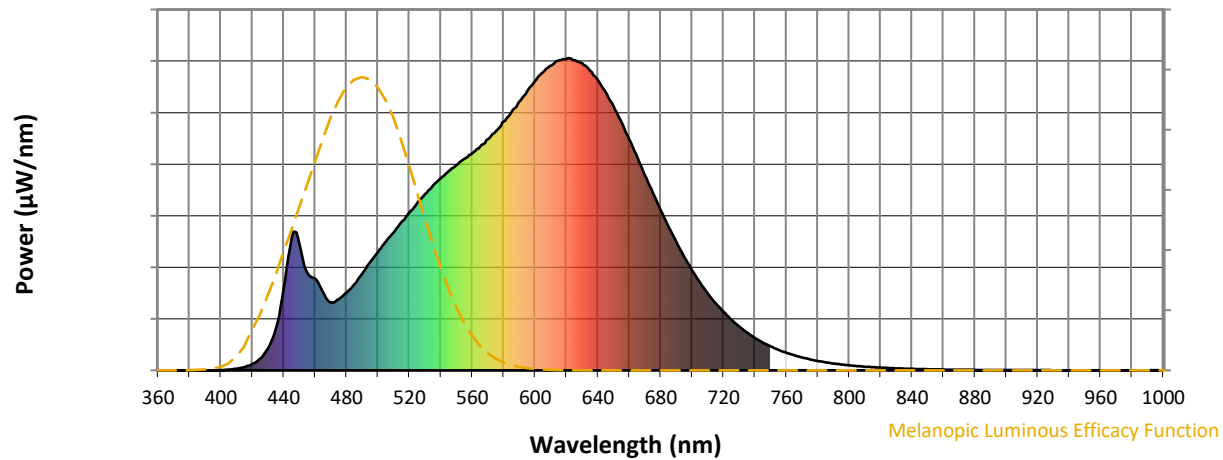
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

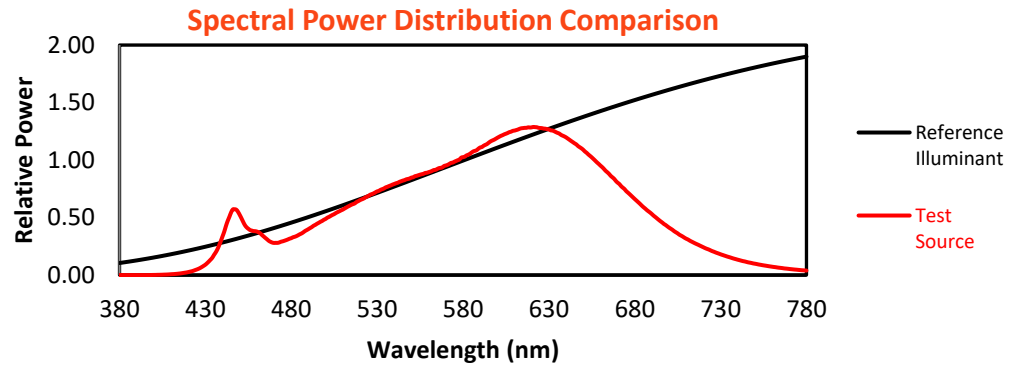
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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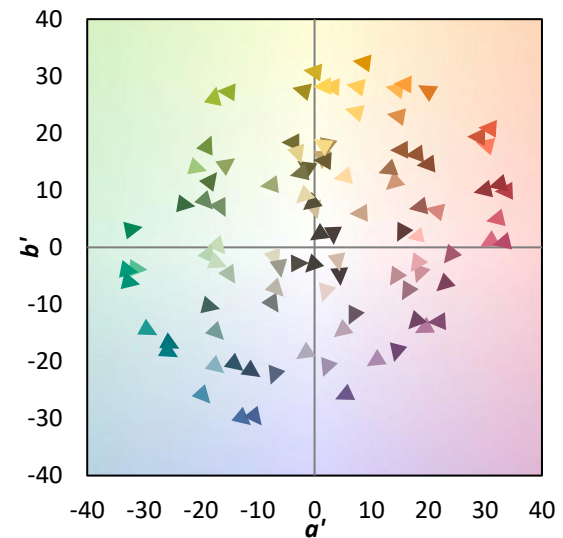
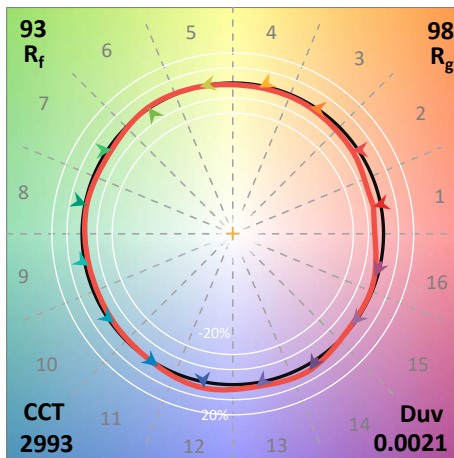
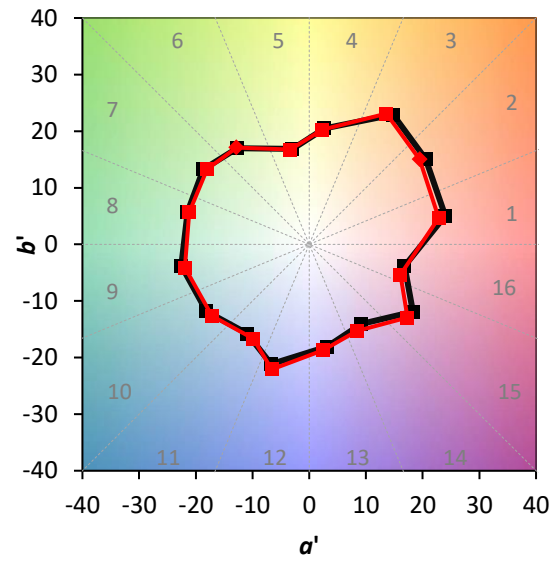
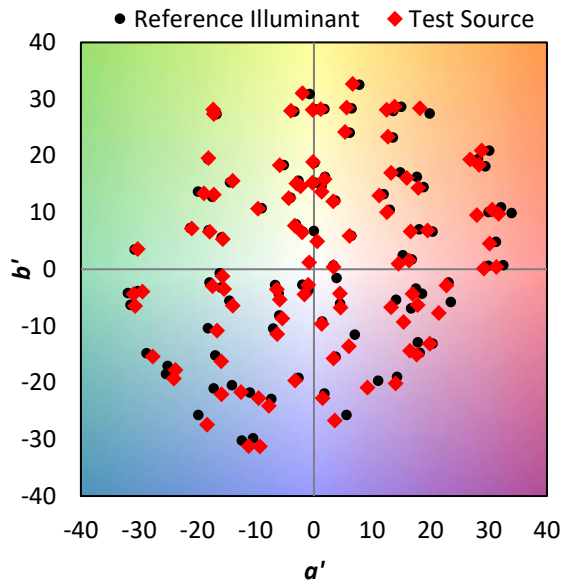
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

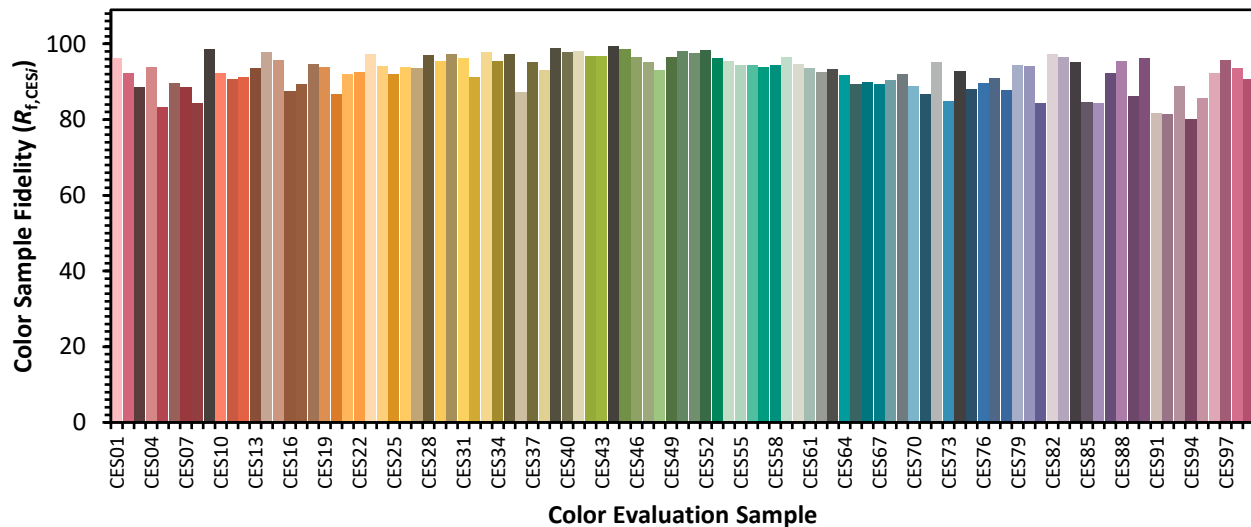


Color Vector Graphics

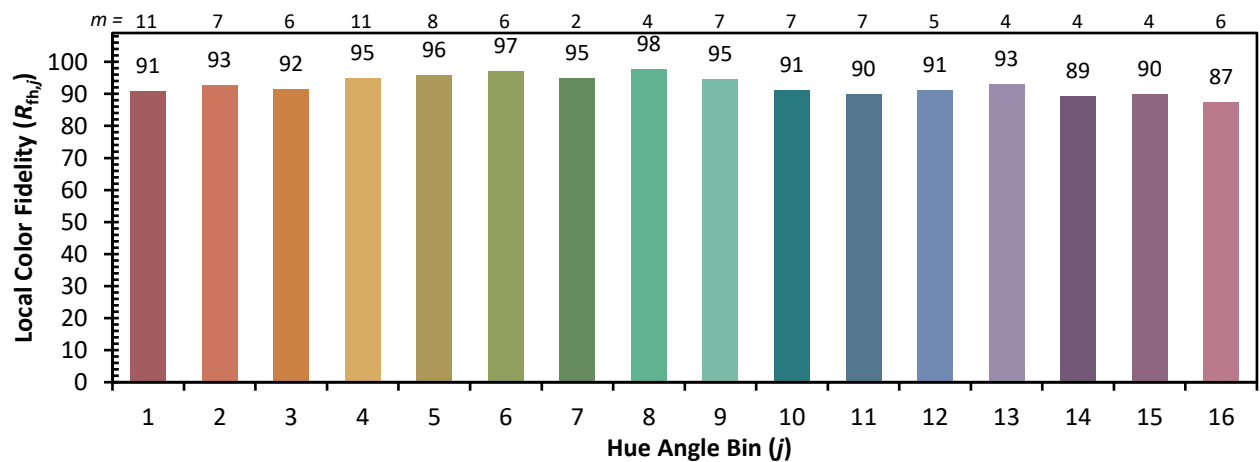
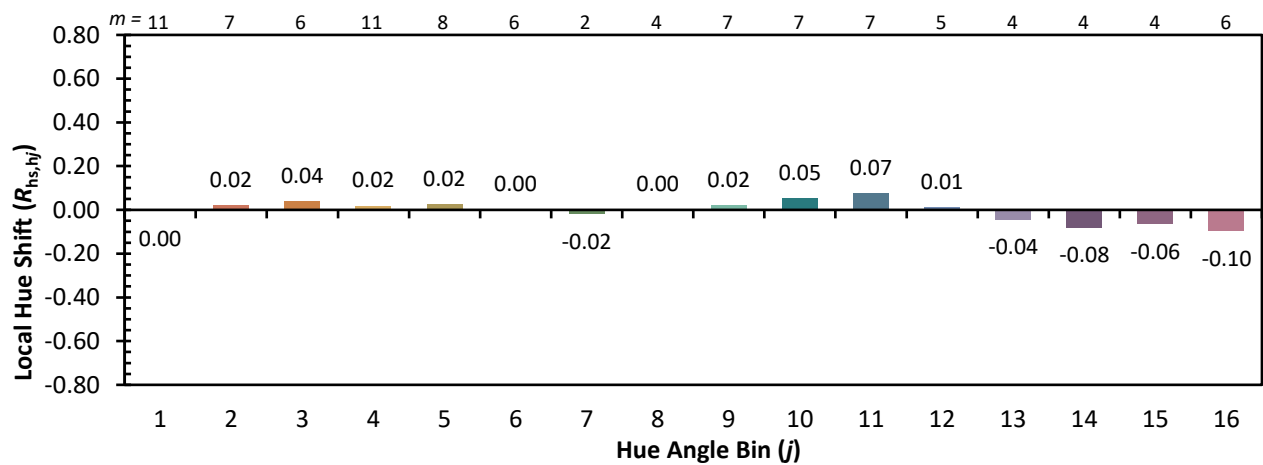
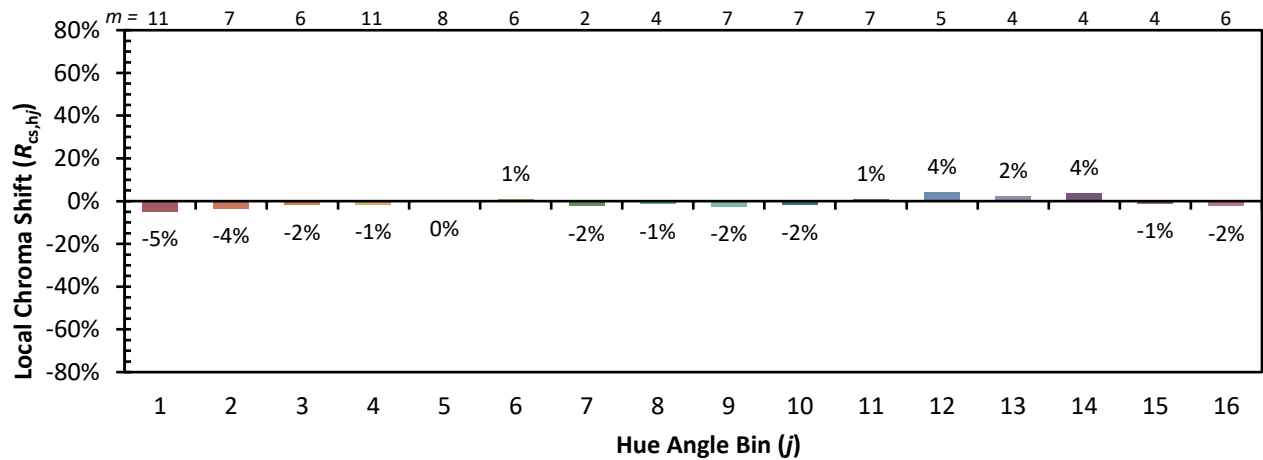


Individual Sample Fidelity Index ($R_{f,i}$)

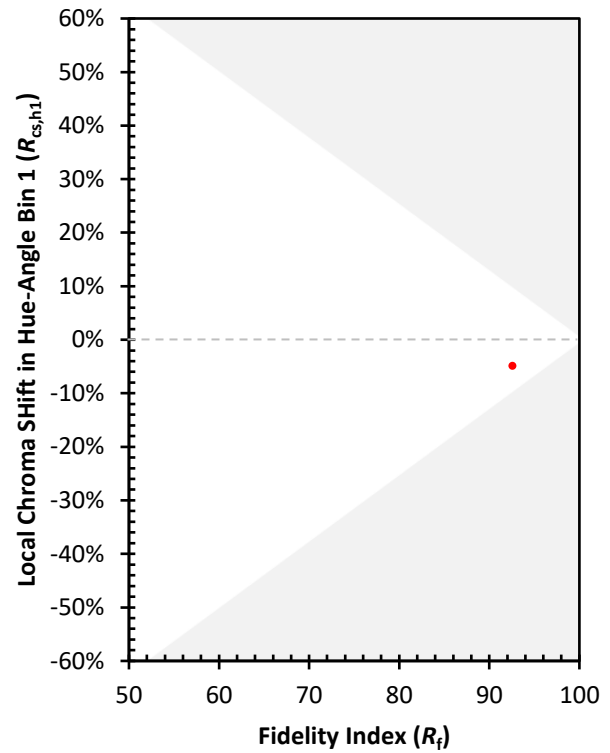
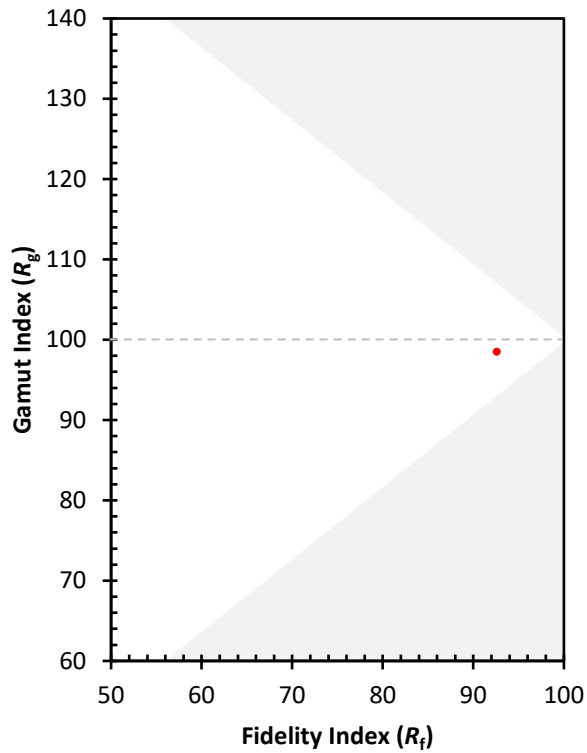
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)