

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: P1047490

Luminaire Tested: **GALN-SA3B-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047490
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10186.1 lumens
Efficiency: N/A
Efficacy: 95.9 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): 106.2
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

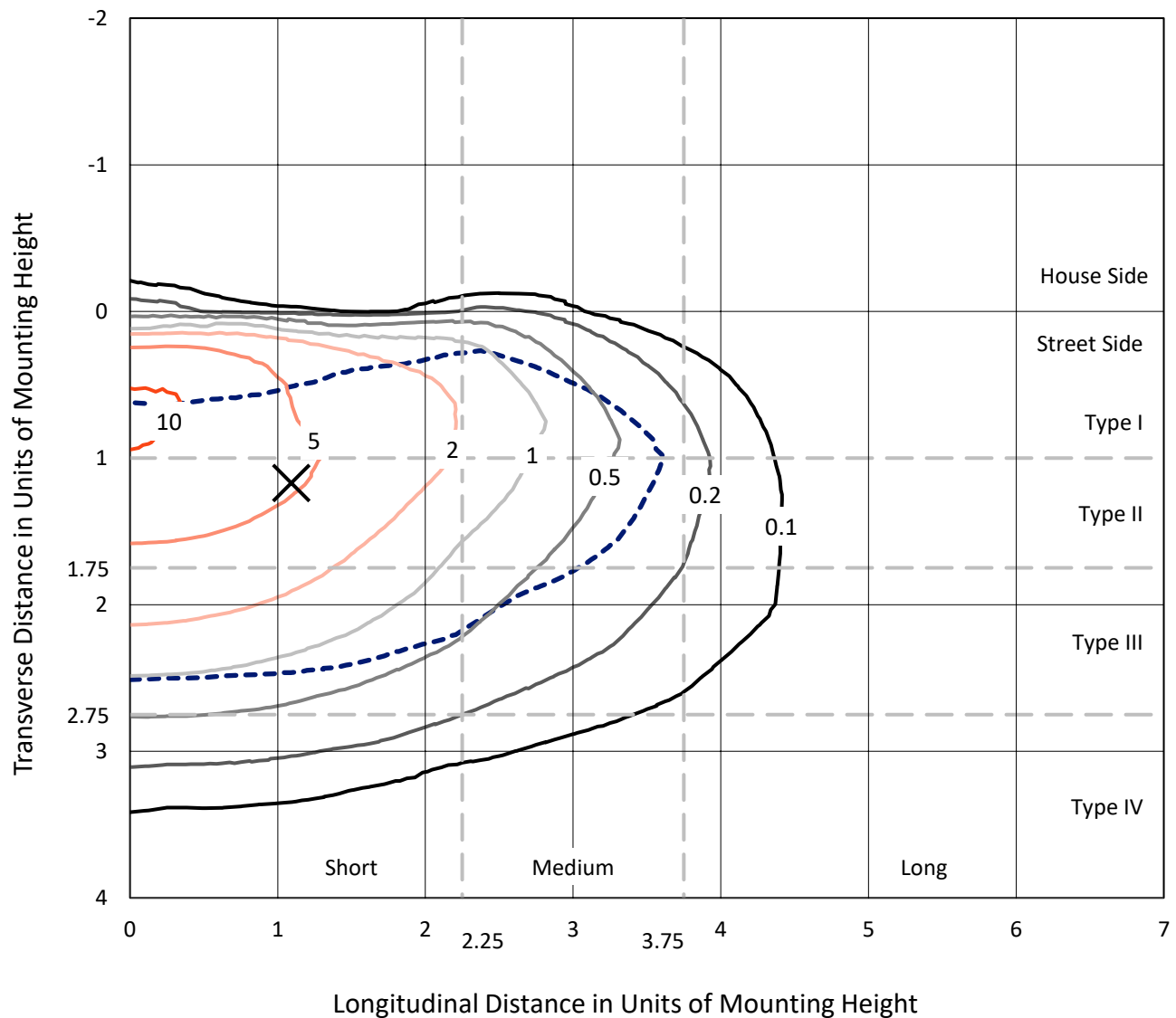


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CATALOG NUMBER: GALN-SA3B-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

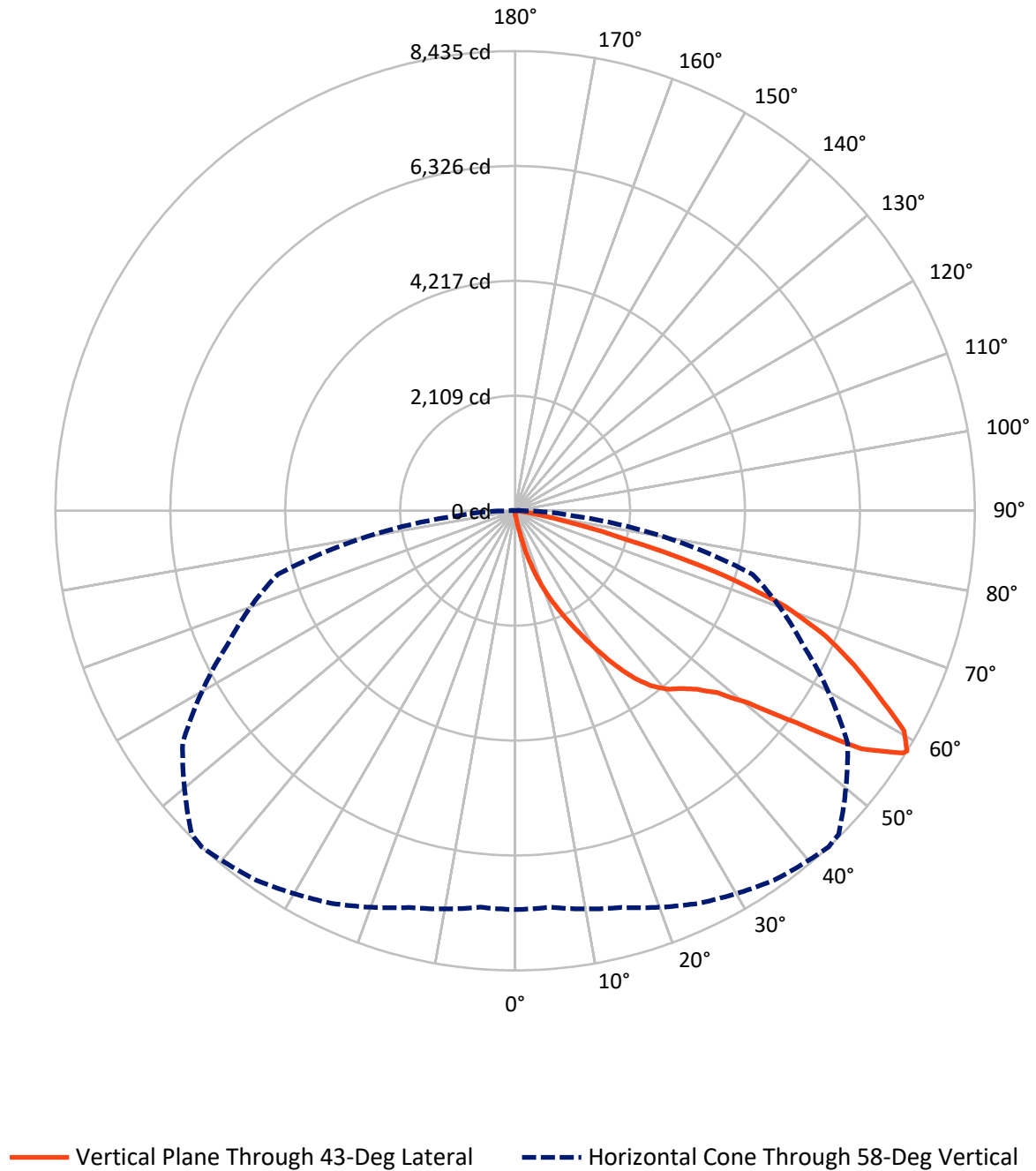


Based on 15 foot mounting height. Maximum calculated value = 11.4 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA3B-930-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	37.2	0.0	37.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10148.9	0.0	10148.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10186.1	0.0	10186.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.1
10°-20°	117.1	1.1
20°-30°	422.0	4.1
30°-40°	965.6	9.5
40°-50°	1628.6	16.0
50°-60°	2687.5	26.4
60°-70°	3003.6	29.5
70°-80°	1240.2	12.2
80°-90°	111.8	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°	10186.1	100.0
0°-180°	10186.1	100.0



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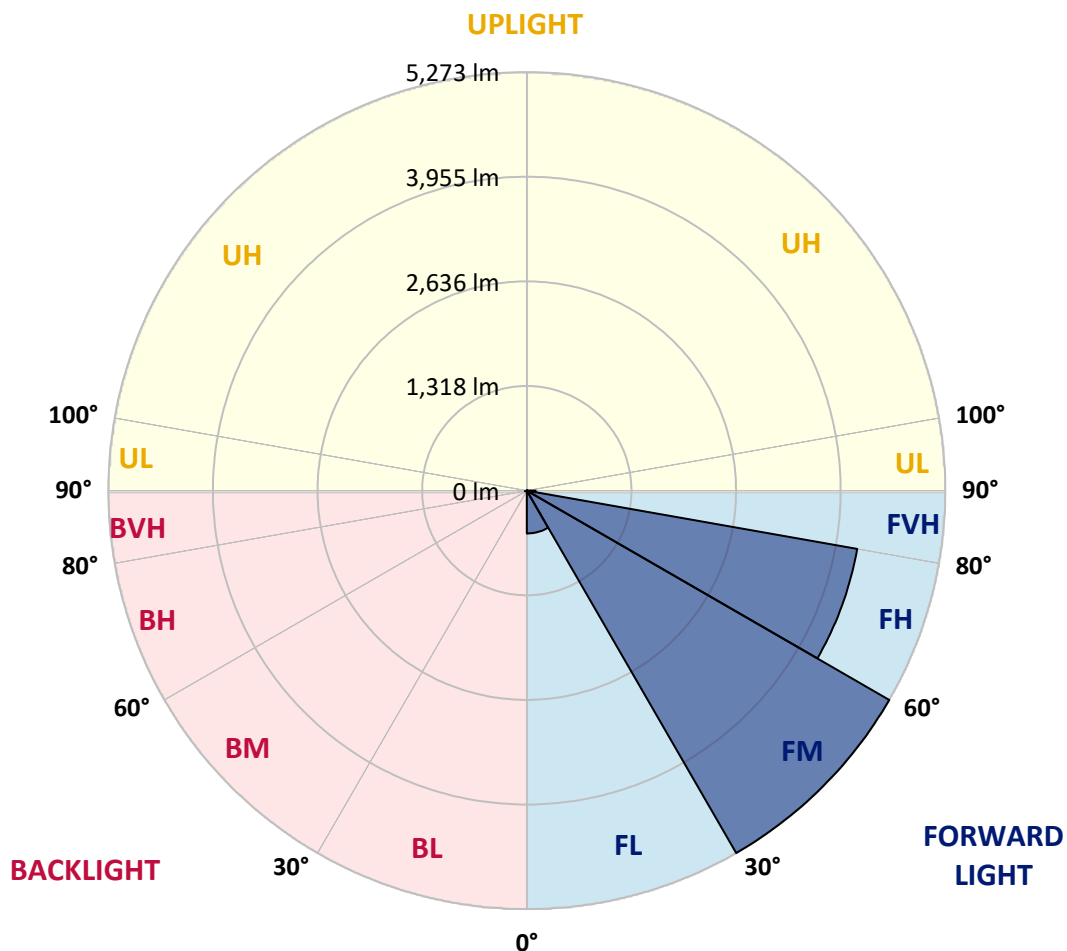
CATALOG NUMBER: GALN-SA3B-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	539.2	5.3			
FM	(30°-60°)	5272.7	51.8			
FH	(60°-80°)	4226.8	41.5			G2/5000
FVH	(80°-90°)	110.3	1.1			G2/225
BL	(0°-30°)	9.7	0.1	B0/110		
BM	(30°-60°)	8.9	0.1	B0/220		
BH	(60°-80°)	17.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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





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CATALOG NUMBER: GALN-SA3B-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
2.5°	79.9	82.6	79.9	79.9	79.9	77.3	77.3	74.6	74.6	71.9	69.3
5°	117.2	117.2	109.2	103.9	98.6	95.9	93.2	87.9	82.6	77.3	71.9
7.5°	261.1	261.1	237.1	205.1	162.5	138.5	133.2	109.2	93.2	82.6	71.9
10°	623.4	623.4	570.1	482.2	373.0	277.1	247.8	157.2	111.9	87.9	74.6
12.5°	1036.3	1049.6	983.0	871.2	708.6	540.8	482.2	287.7	149.2	95.9	74.6
15°	1406.6	1374.7	1356.0	1249.5	1094.9	895.1	820.5	484.9	215.8	109.2	74.6
17.5°	1657.1	1657.1	1630.4	1558.5	1417.3	1241.5	1180.2	783.2	349.0	125.2	77.3
20°	1950.1	1950.1	1902.2	1851.5	1726.3	1577.1	1518.5	1113.6	540.8	159.8	77.3
22.5°	2304.4	2309.8	2256.5	2165.9	2046.0	1880.8	1830.2	1420.0	783.2	213.1	79.9
25°	2736.0	2741.3	2664.1	2578.8	2395.0	2216.5	2139.3	1771.6	1079.0	298.4	79.9
27.5°	3212.9	3250.2	3135.6	2989.1	2794.6	2570.8	2512.2	2088.6	1372.0	420.9	85.3
30°	3807.0	3807.0	3655.1	3450.0	3239.5	2962.5	2887.9	2421.7	1683.7	583.4	90.6
32.5°	4318.5	4278.5	4084.0	3868.2	3644.5	3386.1	3306.1	2770.6	2003.4	785.9	101.2
35°	4710.1	4675.5	4435.7	4203.9	4009.4	3772.3	3676.4	3148.9	2341.7	1015.0	117.2
37.5°	5045.8	5032.5	4707.4	4417.1	4289.2	4081.4	3996.1	3505.9	2674.7	1262.8	135.9
40°	5413.4	5370.8	5024.5	4664.8	4473.0	4305.2	4227.9	3793.7	2994.4	1553.2	162.5
42.5°	5727.8	5677.2	5365.5	5013.8	4686.1	4459.7	4385.1	4036.1	3306.1	1843.5	197.1
45°	6076.8	6050.1	5735.8	5469.4	5032.5	4670.1	4571.6	4230.6	3591.2	2189.9	242.4
47.5°	6601.6	6553.6	6260.6	6042.1	5536.0	4989.8	4848.6	4430.4	3865.6	2530.9	311.7
50°	7211.7	7179.7	7006.5	6833.4	6329.9	5536.0	5368.1	4718.1	4172.0	2935.8	402.3
52.5°	7709.9	7704.5	7725.8	7728.5	7347.5	6455.1	6204.7	5181.6	4523.6	3335.4	530.2
55°	7699.2	7723.2	7957.6	8226.7	8256.0	7709.9	7467.4	5962.2	4981.8	3828.3	708.6
57.5°	7411.5	7392.8	7640.6	8045.5	8330.6	8389.2	8349.2	7174.4	5671.8	4422.4	983.0
58°	7318.2	7302.3	7536.7	7949.6	8277.3	8434.5	8394.5	7448.8	5826.4	4507.6	1057.6
60°	6979.9	6982.6	7121.1	7496.7	7824.4	8197.4	8234.7	8232.0	6596.3	5077.7	1433.3
62.5°	6532.3	6511.0	6638.9	6945.3	7233.0	7483.4	7547.3	8285.3	7723.2	5802.4	2149.9
65°	5914.3	5882.3	6018.2	6364.5	6673.5	6836.0	6838.7	7571.3	8253.3	6580.3	3172.9
67.5°	4766.0	4739.4	5011.1	5456.0	5932.9	6146.0	6241.9	6569.6	7805.8	7107.8	3759.0
70°	2919.8	2975.8	3354.1	4052.1	4867.3	5258.9	5402.8	5504.0	6646.9	7027.9	3143.6
72.5°	1348.0	1281.4	1603.8	2091.3	3021.1	3892.2	4041.4	4438.4	5269.6	6100.8	2344.4
75°	628.7	604.7	679.3	913.8	1369.3	2102.0	2373.7	3543.2	4041.4	4243.9	1691.7
77.5°	322.4	325.0	386.3	415.6	564.8	972.4	1116.3	2331.1	2962.5	2368.4	1134.9
80°	141.2	146.5	149.2	162.5	229.1	375.6	423.6	1081.6	2024.7	1206.8	620.7
82.5°	90.6	93.2	93.2	93.2	109.2	149.2	170.5	434.2	1009.7	599.4	191.8
85°	48.0	48.0	53.3	66.6	77.3	90.6	95.9	138.5	333.0	178.5	45.3
87.5°	26.6	29.3	32.0	40.0	50.6	61.3	66.6	95.9	127.9	122.5	10.7
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-SA3B-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
2.5°	69.3	66.6	63.9	61.3	58.6	55.9	55.9	55.9	55.9	55.9	55.9
5°	66.6	63.9	61.3	55.9	50.6	48.0	45.3	42.6	42.6	42.6	42.6
7.5°	66.6	63.9	55.9	50.6	45.3	40.0	34.6	34.6	34.6	34.6	34.6
10°	66.6	61.3	53.3	45.3	37.3	32.0	29.3	26.6	26.6	26.6	26.6
12.5°	66.6	58.6	50.6	40.0	32.0	26.6	24.0	21.3	21.3	21.3	21.3
15°	66.6	58.6	48.0	37.3	29.3	21.3	18.6	16.0	16.0	16.0	16.0
17.5°	63.9	55.9	45.3	32.0	24.0	16.0	13.3	10.7	10.7	13.3	13.3
20°	61.3	53.3	40.0	26.6	18.6	13.3	8.0	8.0	8.0	8.0	8.0
22.5°	61.3	53.3	37.3	24.0	16.0	8.0	5.3	5.3	5.3	5.3	8.0
25°	61.3	50.6	32.0	18.6	10.7	5.3	2.7	2.7	2.7	2.7	2.7
27.5°	61.3	50.6	29.3	16.0	8.0	5.3	2.7	0.0	0.0	0.0	0.0
30°	58.6	48.0	26.6	13.3	5.3	2.7	0.0	0.0	0.0	0.0	0.0
32.5°	58.6	45.3	21.3	10.7	5.3	2.7	0.0	0.0	0.0	0.0	0.0
35°	61.3	42.6	18.6	8.0	2.7	0.0	0.0	0.0	0.0	0.0	2.7
37.5°	63.9	40.0	16.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	66.6	37.3	16.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	71.9	37.3	13.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	77.3	37.3	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	87.9	40.0	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	95.9	42.6	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	106.6	40.0	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	119.9	40.0	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	130.5	37.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	135.9	34.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	162.5	32.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	253.1	26.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	514.2	24.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	959.1	21.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1073.6	24.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	676.7	18.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	357.0	18.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	178.5	18.6	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	82.6	13.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	34.6	8.0	5.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.0	8.0	5.3	5.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0
87.5°	8.0	8.0	8.0	5.3	5.3	2.7	2.7	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: SP1-2407-184-14

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

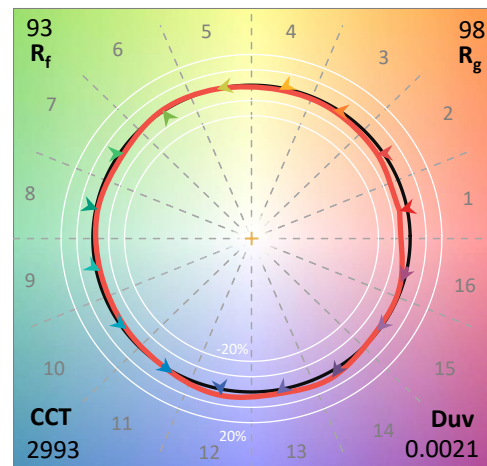
Test Information

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

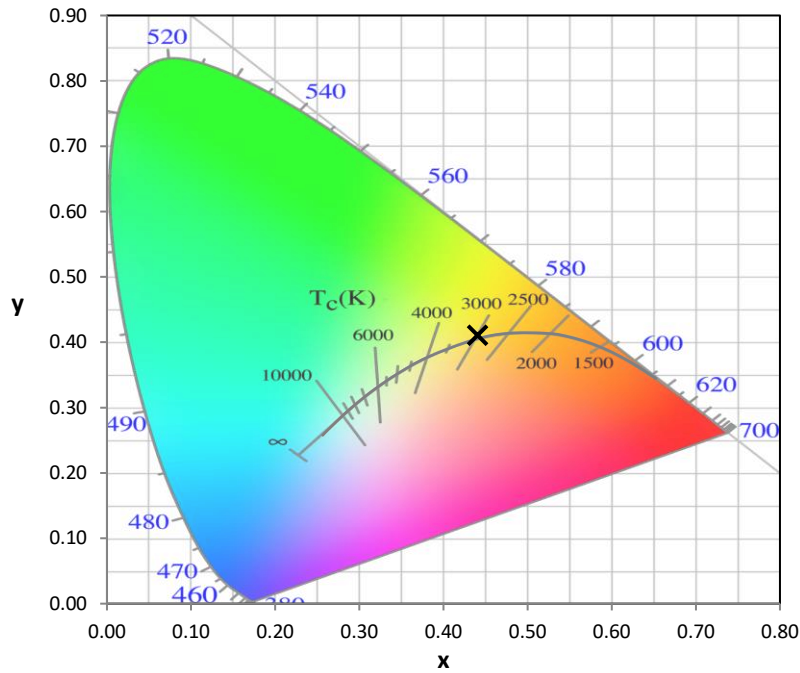
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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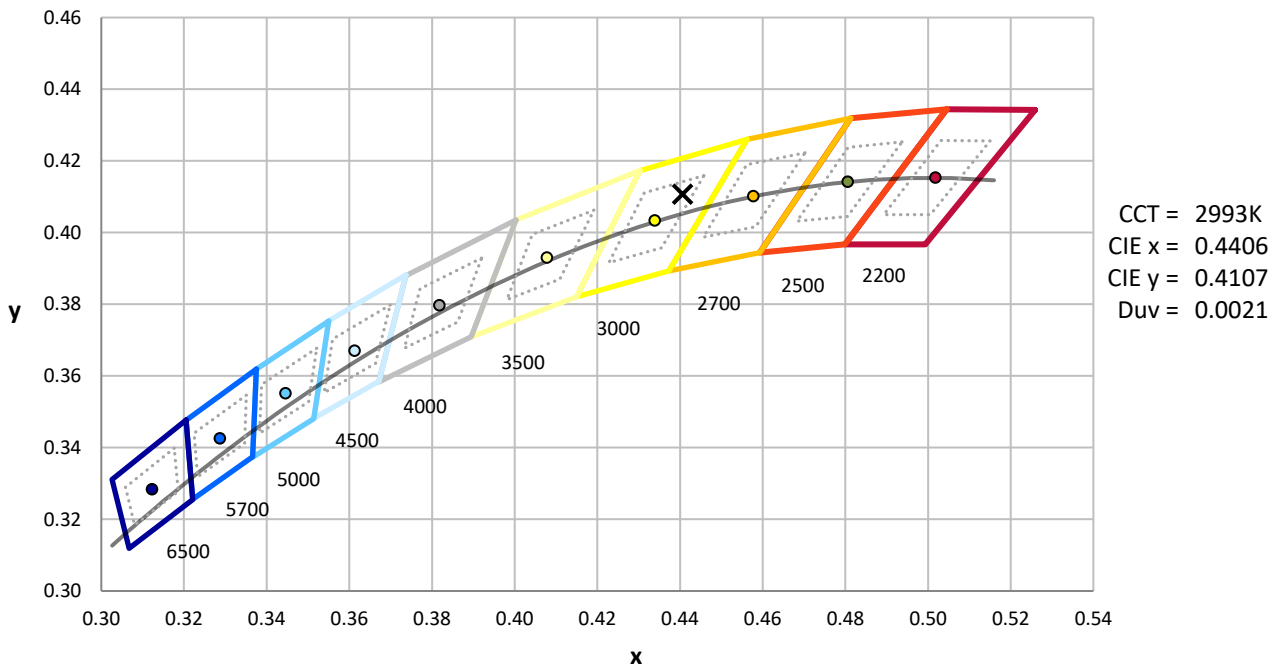
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



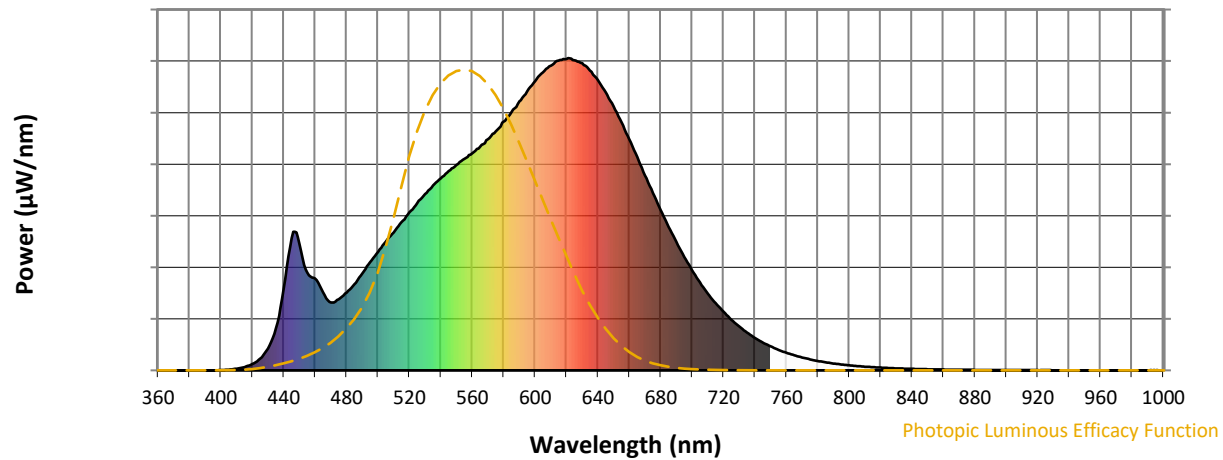
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

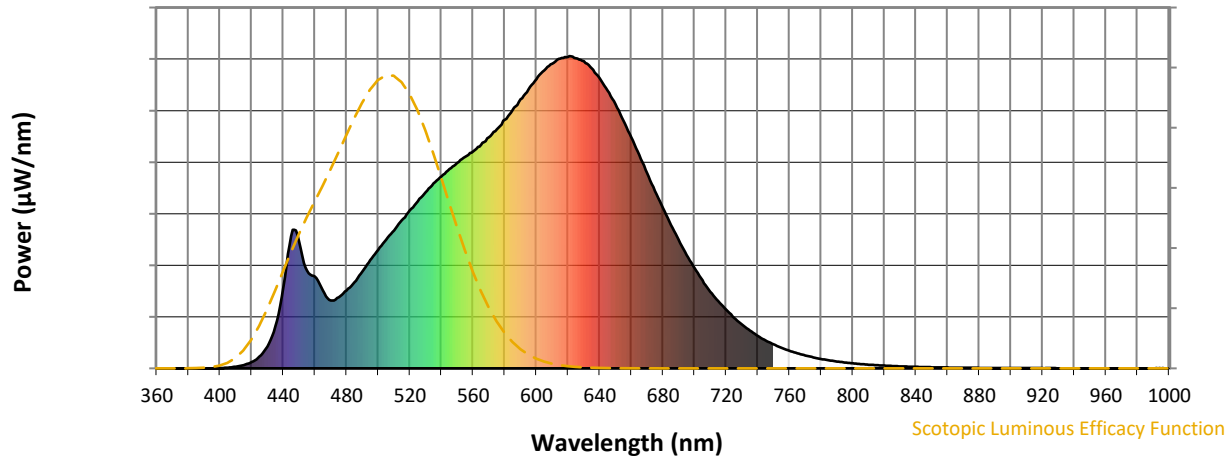


Photopic Lumens: NR

λ (nm)	Power 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	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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Scotopic Flux vs. Wavelength



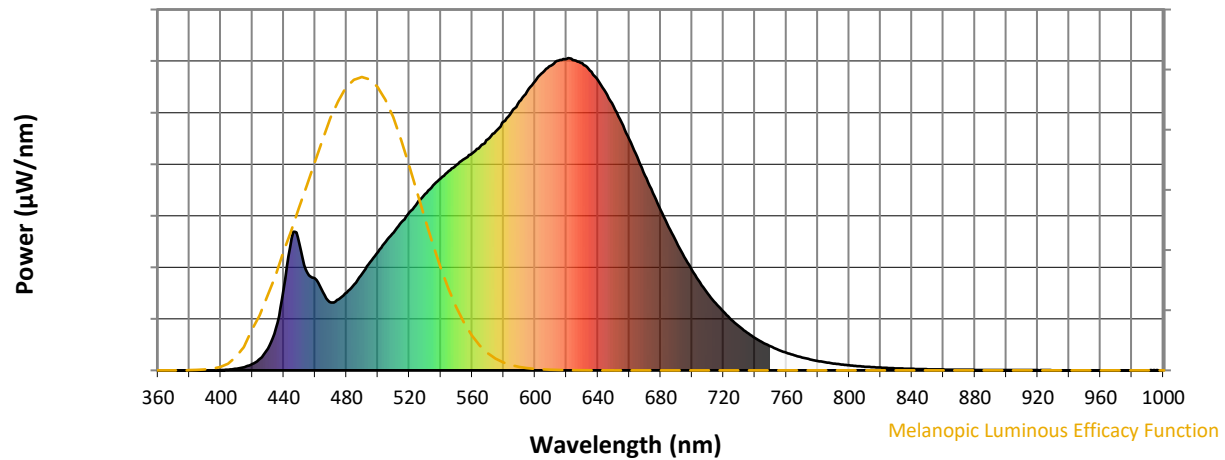
Scotopic Lumens: NR

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

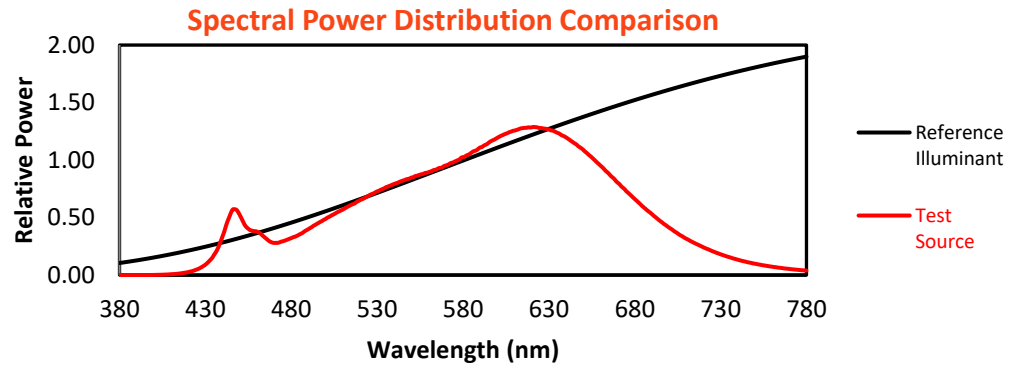
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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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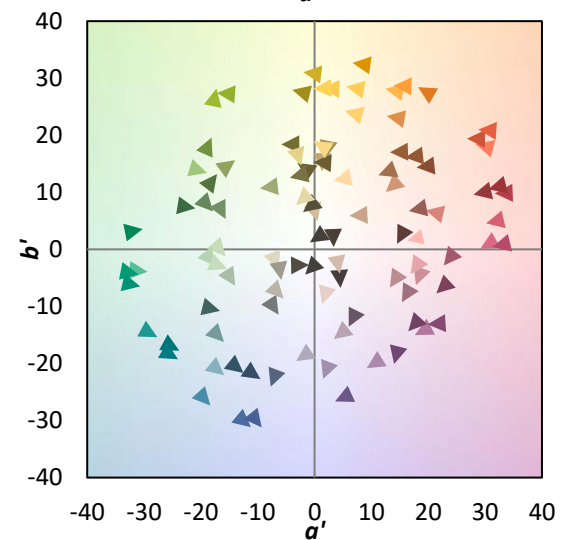
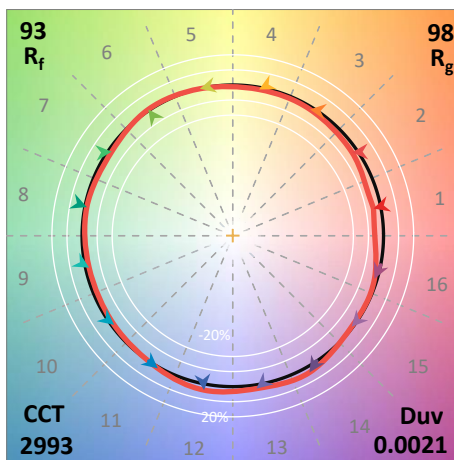
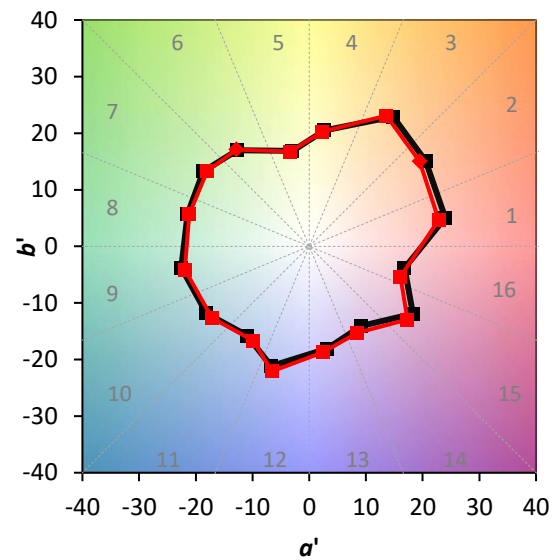
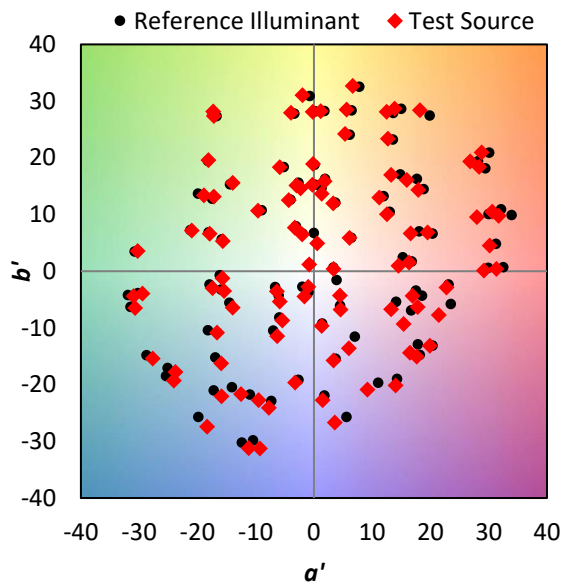
TM-30-18

Summary

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

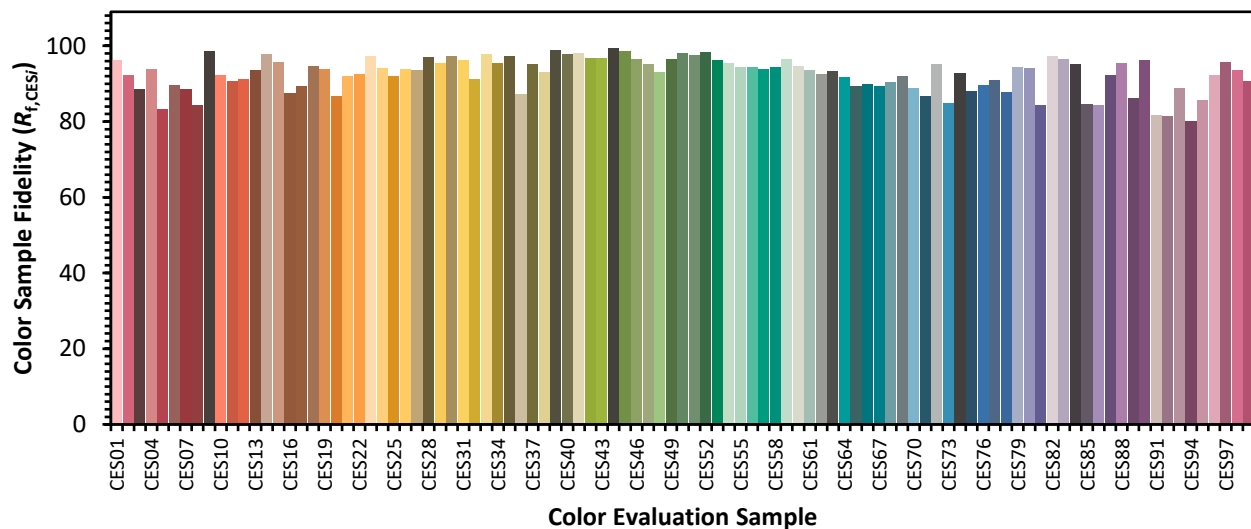


Color Vector Graphics

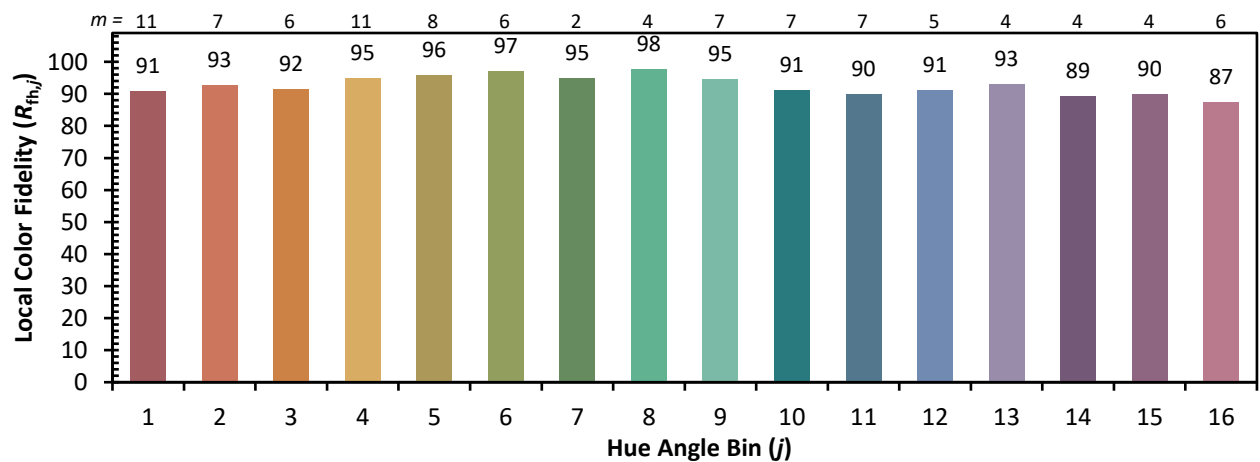
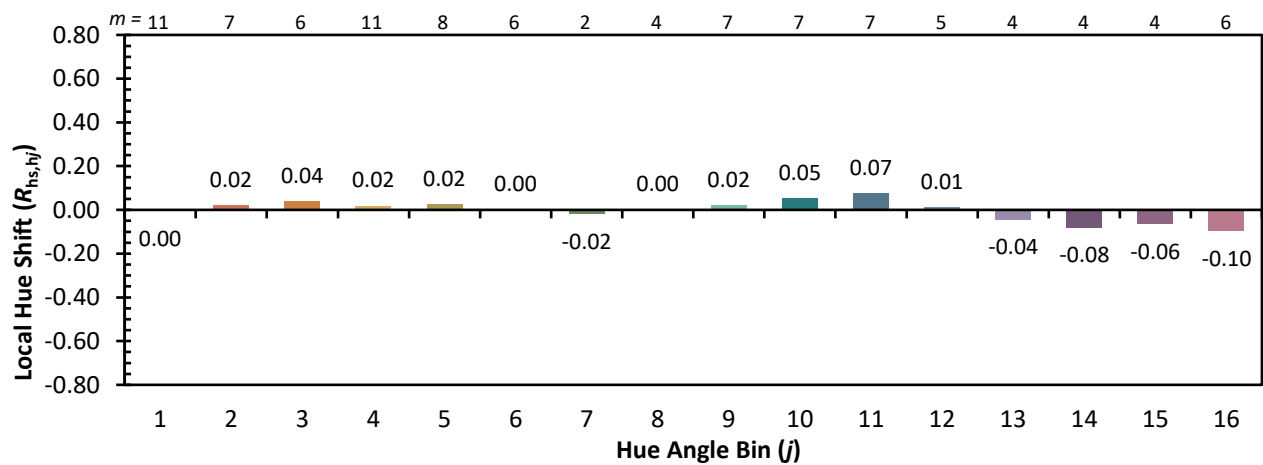
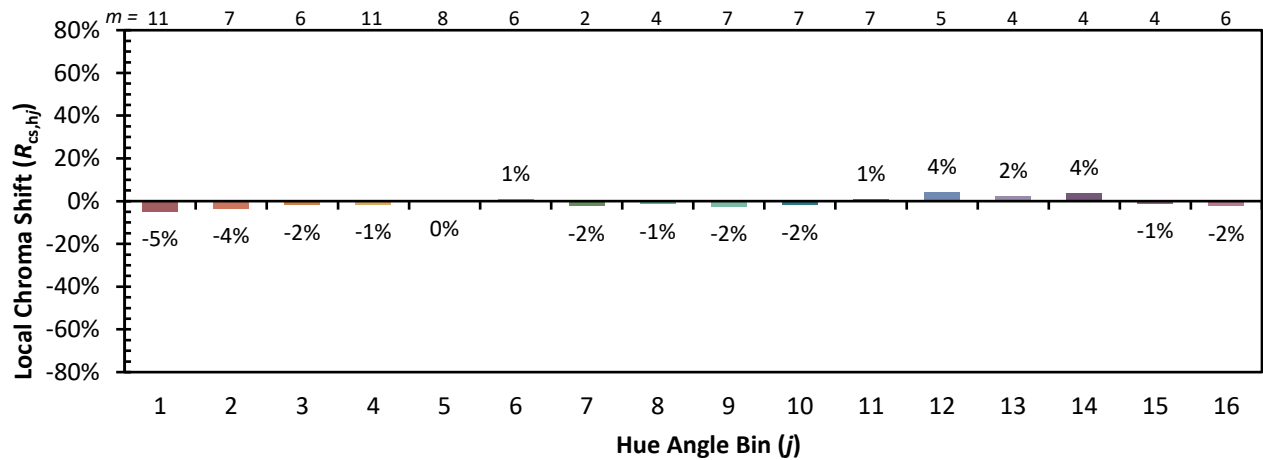


Individual Sample Fidelity Index ($R_{f,i}$)

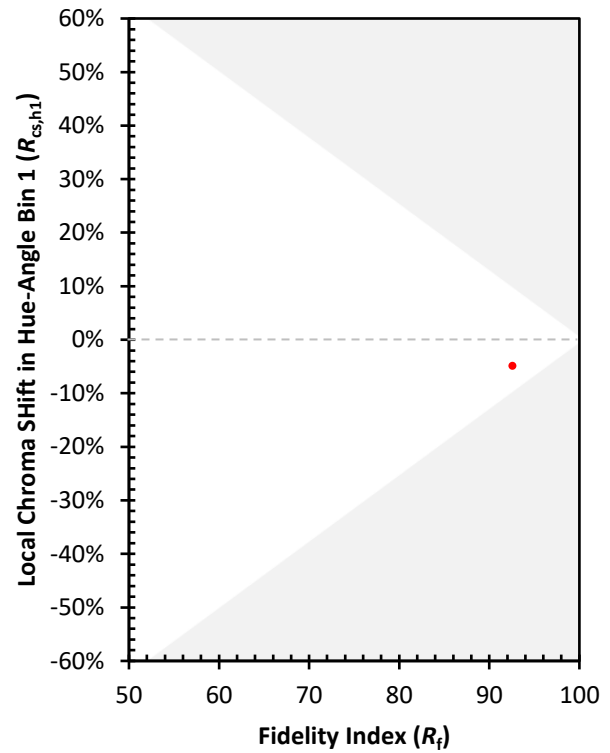
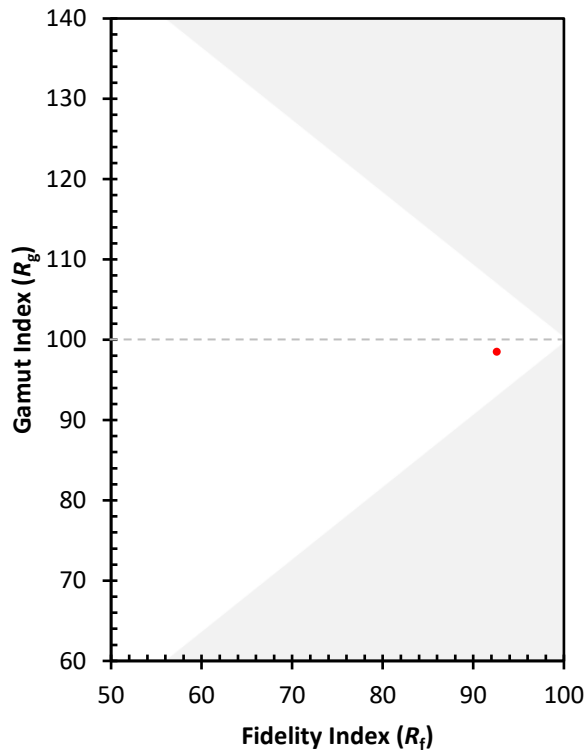
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)