

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: P1048101

Luminaire Tested: **GALN-SA3A-930-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048101
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7565.7 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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

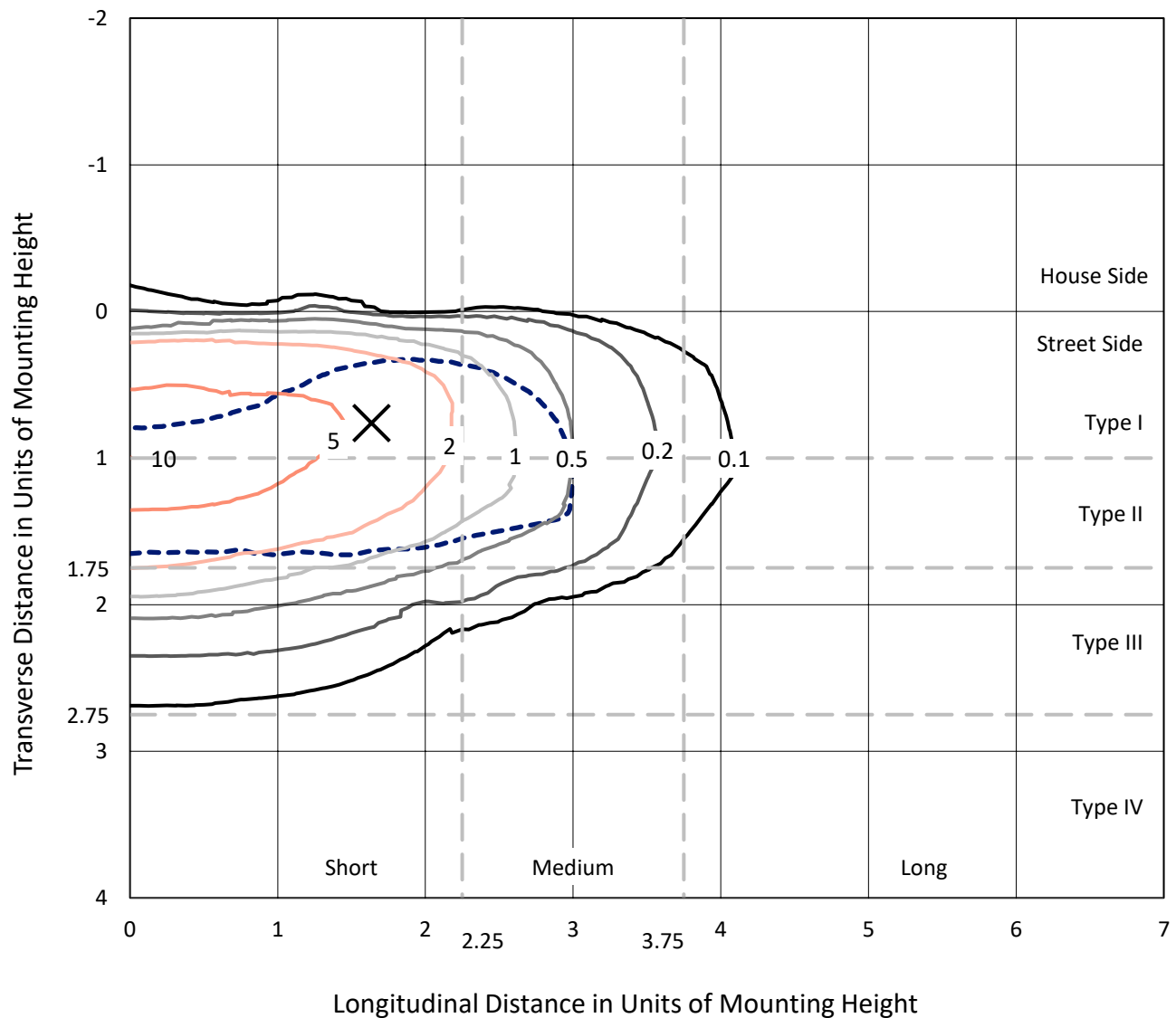


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

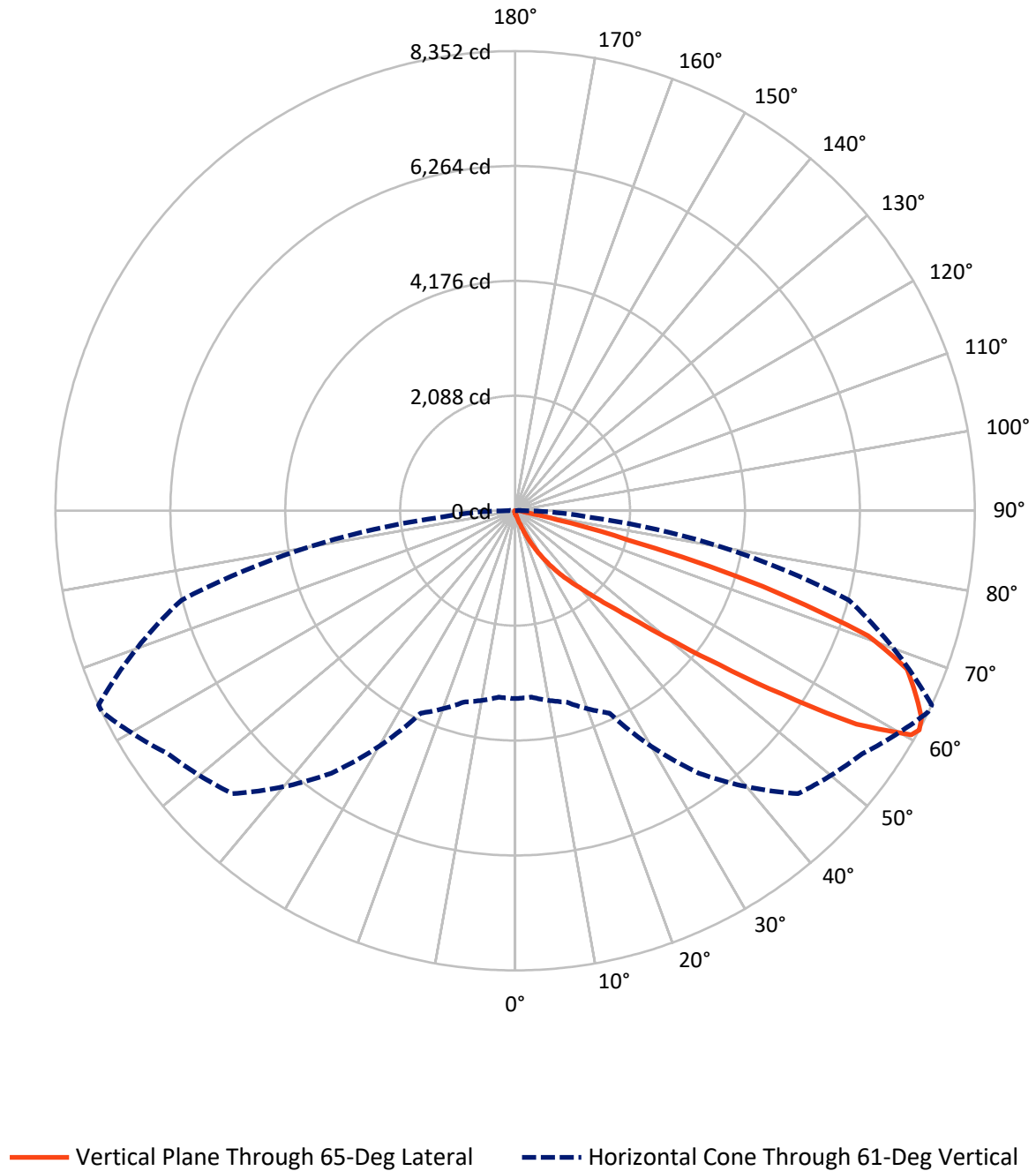


Based on 15 foot mounting height. Maximum calculated value = 10 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	32.3	0.0	32.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7533.4	0.0	7533.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	7565.7	0.0	7565.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	0.1
10°-20°	62.2	0.8
20°-30°	223.3	3.0
30°-40°	594.4	7.9
40°-50°	1561.6	20.6
50°-60°	2419.2	32.0
60°-70°	2028.5	26.8
70°-80°	596.9	7.9
80°-90°	73.6	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°	7565.7	100.0
0°-180°	7565.7	100.0



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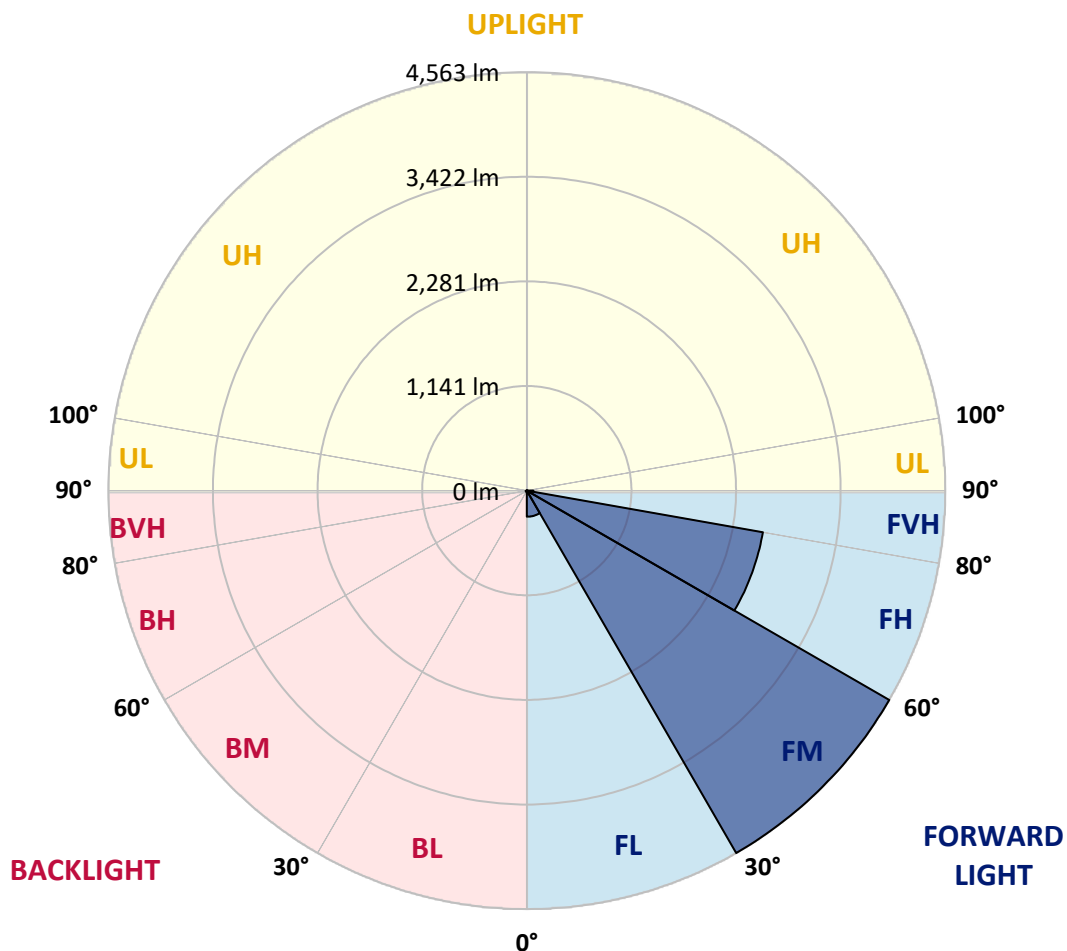
CATALOG NUMBER: GALN-SA3A-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	284.1	3.8			
FM	(30°-60°)	4563.0	60.3			
FH	(60°-80°)	2614.0	34.6			G2/5000
FVH	(80°-90°)	72.3	1.0			G1/100
BL	(0°-30°)	7.2	0.1	B0/110		
BM	(30°-60°)	12.3	0.2	B0/220		
BH	(60°-80°)	11.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
2.5°	56.2	56.7	55.7	53.6	52.0	52.0	51.5	50.0	50.0	48.4	47.4
5°	78.6	77.5	75.5	71.3	67.7	64.0	60.4	56.7	56.2	51.5	48.4
7.5°	128.5	129.6	122.8	109.8	98.9	84.8	71.8	64.0	63.0	55.2	48.9
10°	282.1	274.3	258.7	208.2	171.2	129.1	95.8	74.4	73.4	59.3	50.0
12.5°	514.2	507.9	479.3	427.3	332.0	231.1	140.0	92.1	89.0	63.0	50.5
15°	741.1	731.2	715.6	663.0	551.7	414.3	229.0	125.9	117.6	68.2	50.0
17.5°	885.8	887.3	873.3	850.9	779.1	613.1	395.5	187.9	171.7	77.5	48.9
20°	1012.3	1008.6	1016.4	1004.4	954.0	833.2	575.6	297.7	270.1	92.6	49.4
22.5°	1158.0	1166.8	1172.5	1169.9	1114.3	1011.2	780.1	445.5	410.6	120.2	51.0
25°	1353.1	1352.1	1352.6	1345.9	1291.7	1177.2	985.2	629.2	593.8	165.0	54.6
27.5°	1557.7	1563.9	1566.5	1542.1	1471.3	1358.9	1175.2	830.1	788.5	236.8	59.3
30°	1837.1	1831.9	1820.0	1770.0	1684.1	1544.7	1362.5	1040.9	997.2	337.2	66.6
32.5°	2213.9	2208.2	2147.8	2037.5	1909.0	1738.3	1550.9	1252.2	1199.1	462.7	76.5
35°	2834.8	2843.7	2695.4	2409.6	2179.1	1970.9	1759.6	1462.4	1415.6	617.2	90.0
37.5°	3785.7	3737.3	3535.9	3031.0	2534.5	2261.3	1958.9	1674.8	1634.2	807.7	107.7
40°	4709.4	4661.6	4603.3	4125.0	3152.3	2581.4	2237.9	1924.1	1871.5	1022.7	133.8
42.5°	5680.6	5654.0	5651.4	5290.8	4279.6	3084.6	2573.6	2216.0	2171.3	1258.4	176.4
45°	6368.6	6342.1	6397.8	6460.7	5814.9	4163.0	3158.0	2595.4	2530.4	1544.7	244.6
47.5°	6461.2	6462.3	6611.1	6808.4	6955.7	5831.0	3936.6	3098.2	3019.1	1954.2	359.1
50°	6153.1	6165.1	6401.9	6754.8	7151.3	7230.5	5309.5	3827.8	3710.7	2439.8	521.5
52.5°	5566.6	5580.1	5910.1	6490.4	6971.3	7566.7	6926.0	4782.3	4647.5	3045.6	750.5
55°	5038.4	5046.7	5425.1	6158.3	6754.3	7384.0	7885.7	6056.9	5879.9	3790.9	976.3
57.5°	4515.3	4496.1	4742.2	5581.7	6717.3	7159.7	8027.2	7509.4	7314.2	4605.4	1152.3
60°	3815.9	3783.6	3981.4	4515.3	6231.2	7307.0	7762.3	8313.0	8268.7	5739.4	1288.1
61°	3413.6	3400.0	3598.8	4056.8	5822.1	7269.5	7698.8	8346.8	8351.5	6276.0	1349.0
62.5°	2437.7	2476.2	2780.2	3375.6	4876.5	7026.4	7707.2	8242.2	8288.5	6989.0	1506.7
65°	1083.6	1145.5	1381.8	1866.3	2835.9	5845.0	7633.3	8012.7	7989.8	7184.7	2050.0
67.5°	642.7	652.1	769.7	1057.5	1502.0	3144.0	6736.0	7709.3	7678.5	6254.6	2550.7
70°	506.4	511.1	548.5	663.6	871.7	1204.3	3844.5	6669.9	6803.7	5071.7	2497.1
72.5°	480.4	479.3	484.5	504.8	549.1	597.5	1488.5	4433.6	4705.8	3652.4	2093.7
75°	474.1	472.0	466.8	459.0	397.6	351.8	461.1	1961.0	2118.7	2495.5	1576.4
77.5°	460.1	460.6	461.6	440.3	340.9	248.8	223.3	629.2	773.9	1583.7	1120.5
80°	311.2	315.9	323.7	315.4	306.5	180.1	157.7	223.8	226.9	888.9	740.1
82.5°	157.7	157.7	154.0	137.4	118.7	117.1	125.4	162.4	164.5	449.7	348.2
85°	95.2	100.4	102.5	93.2	85.4	78.6	95.8	129.1	133.8	174.3	81.2
87.5°	21.3	21.9	23.9	31.7	46.3	63.0	89.0	118.1	120.2	111.9	9.9
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-SA3A-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
2.5°	46.8	45.8	45.3	43.7	42.2	40.6	39.6	39.0	39.6	40.1	40.1
5°	46.3	44.8	42.2	39.6	37.5	35.4	33.3	32.8	32.8	33.3	33.3
7.5°	46.3	43.7	40.1	37.0	33.8	30.7	29.1	28.1	28.6	28.6	28.6
10°	46.3	43.2	38.5	33.8	30.2	26.5	23.9	22.9	22.9	22.9	22.9
12.5°	45.8	42.7	37.0	31.2	26.0	21.9	18.7	17.2	17.7	17.7	17.7
15°	44.8	41.1	34.9	26.5	20.8	16.7	13.5	12.0	12.5	13.5	14.1
17.5°	43.2	39.6	31.2	22.4	16.7	12.5	9.4	8.3	8.8	10.4	10.4
20°	42.7	38.0	27.6	18.2	12.5	8.8	6.2	5.2	5.7	7.8	8.3
22.5°	42.7	37.0	25.0	15.1	9.4	5.7	3.6	2.1	2.1	3.6	3.6
25°	43.2	36.4	22.9	12.5	6.8	4.2	2.1	1.0	2.1	5.7	6.8
27.5°	44.2	35.9	21.9	10.4	5.2	3.6	1.6	3.6	6.2	6.2	6.2
30°	45.3	34.9	20.3	8.8	4.7	2.6	2.6	5.2	5.2	6.2	6.8
32.5°	46.8	34.3	19.3	7.8	3.6	2.1	3.6	3.1	3.1	3.6	4.2
35°	50.0	34.9	18.2	7.8	3.6	2.6	3.1	1.6	1.0	1.0	1.0
37.5°	54.1	35.4	16.7	6.8	3.1	3.1	1.6	0.0	0.0	0.0	0.0
40°	60.9	37.0	15.6	6.2	2.6	2.6	0.5	0.0	0.0	0.0	0.0
42.5°	72.3	40.1	15.1	5.7	2.6	2.1	0.0	0.0	0.0	0.0	0.0
45°	95.2	47.4	14.1	5.2	2.6	1.0	0.0	0.0	0.0	0.0	0.0
47.5°	136.9	64.5	13.5	4.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	199.8	87.4	13.0	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	255.0	92.1	8.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	261.3	63.5	6.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	208.2	41.1	5.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	157.7	31.2	5.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	151.4	28.1	5.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	167.1	24.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	271.7	20.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	472.0	17.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	596.4	16.7	3.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	519.9	15.1	3.1	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	312.8	13.0	3.1	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	163.9	9.9	3.1	2.6	1.6	0.5	0.0	0.0	0.0	0.0	0.0
80°	79.6	8.8	3.6	2.6	2.1	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.2	7.3	4.2	3.6	2.6	1.6	0.5	0.0	0.0	0.0	0.0
85°	14.1	6.2	4.7	4.2	3.6	2.1	0.5	0.0	0.0	0.0	0.0
87.5°	7.3	5.7	5.2	4.7	3.6	2.6	1.0	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

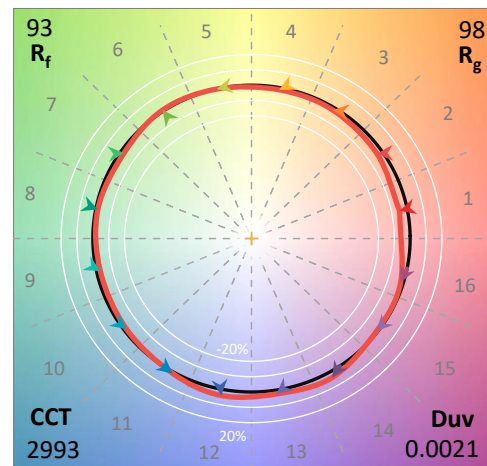
Test Information

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

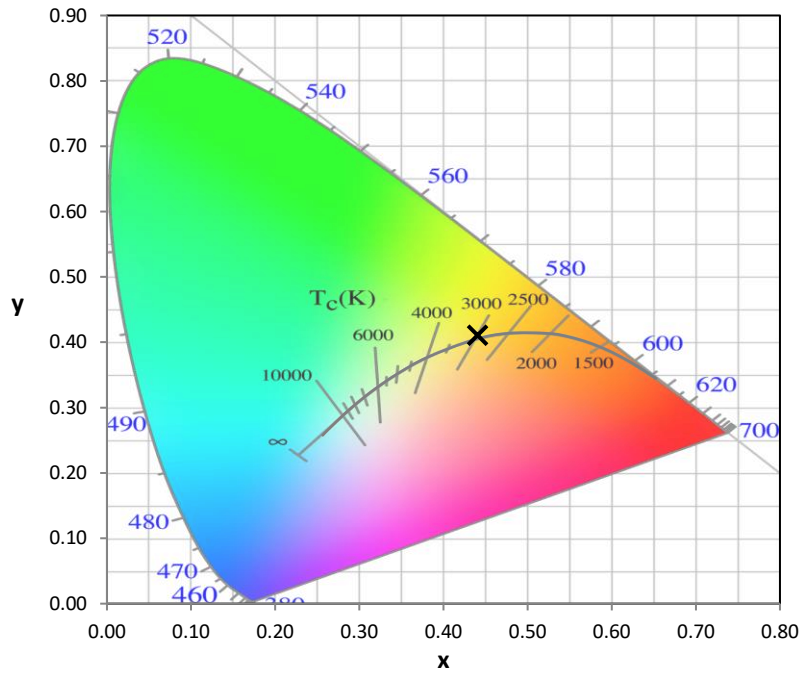
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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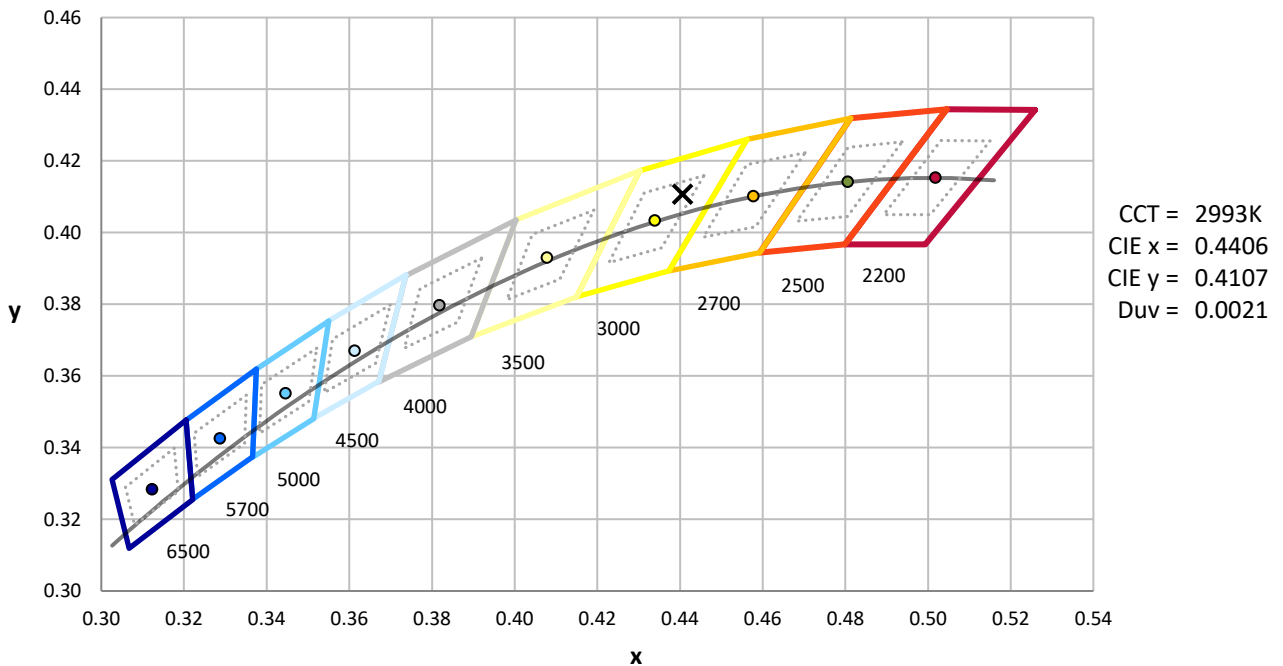
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



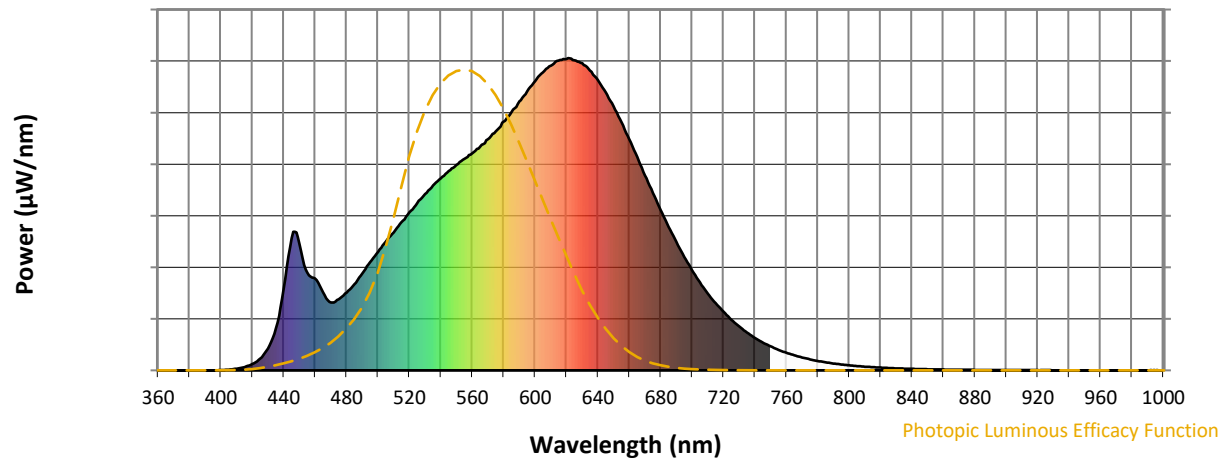
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

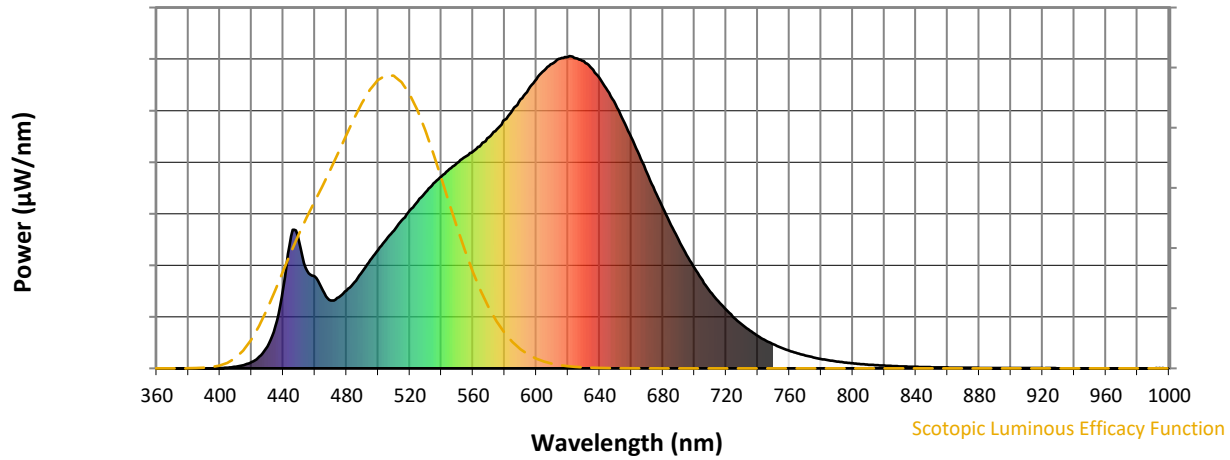


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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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Scotopic Flux vs. Wavelength



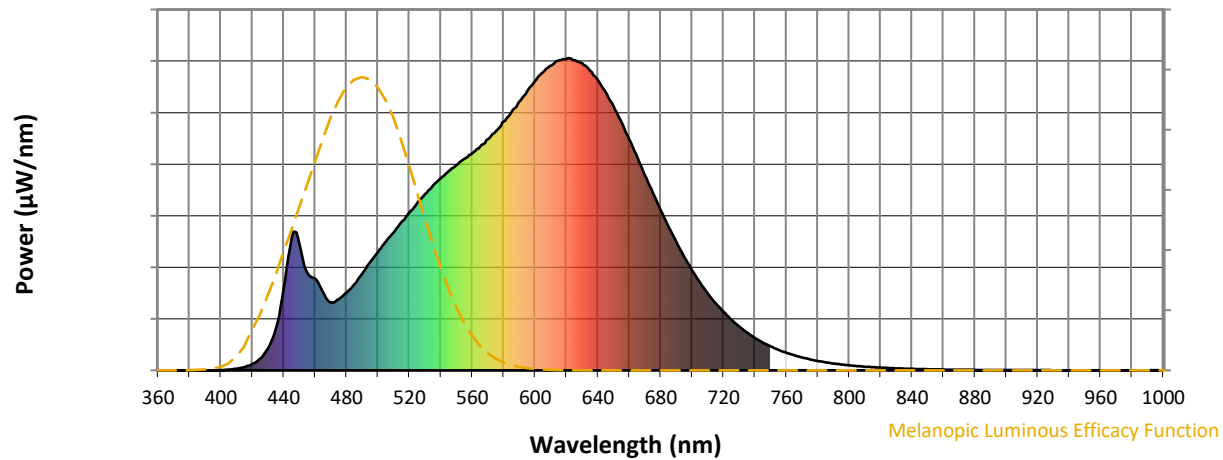
Scotopic Lumens: NR

S/P: 1.39

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

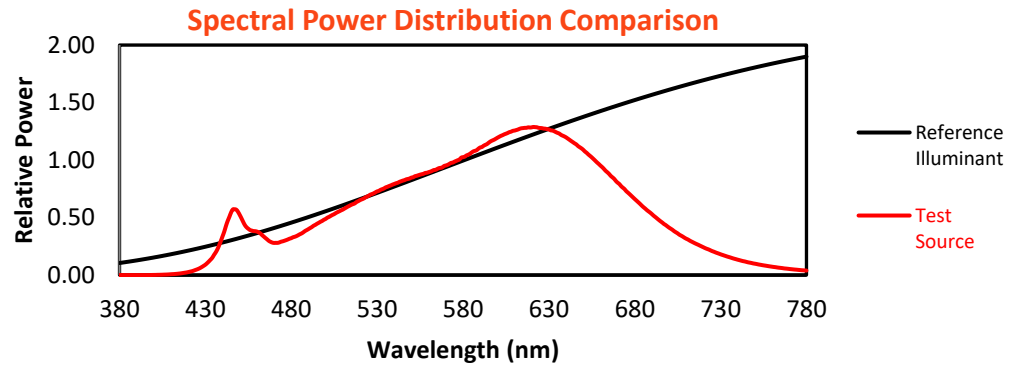
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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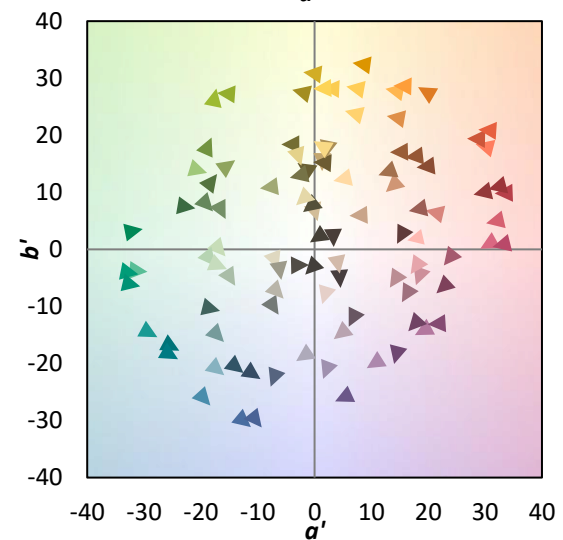
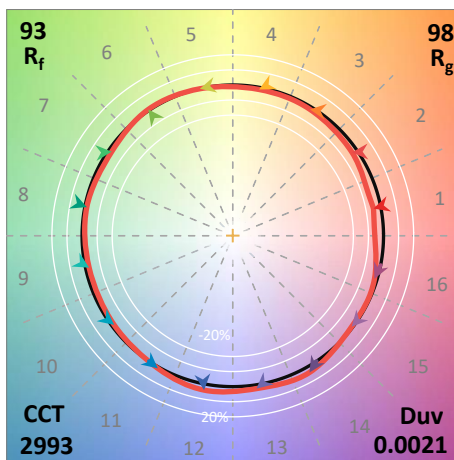
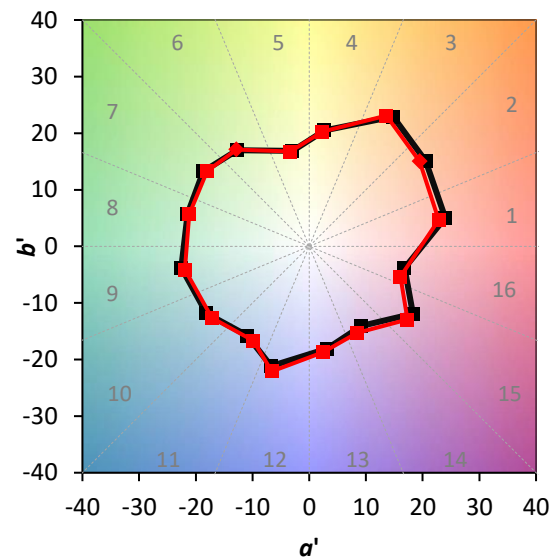
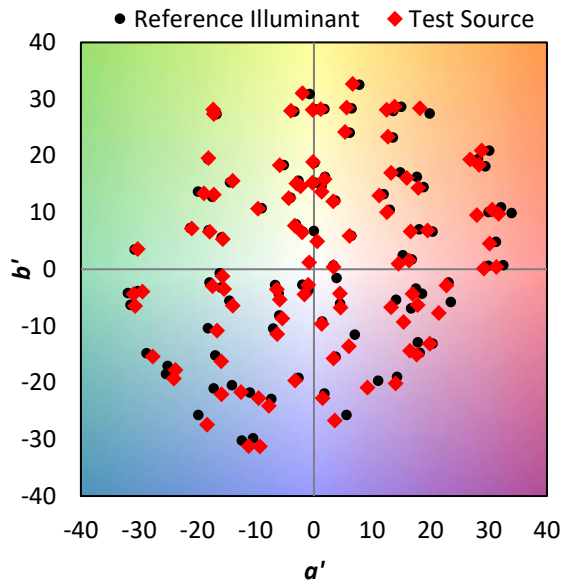
TM-30-18

Summary

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

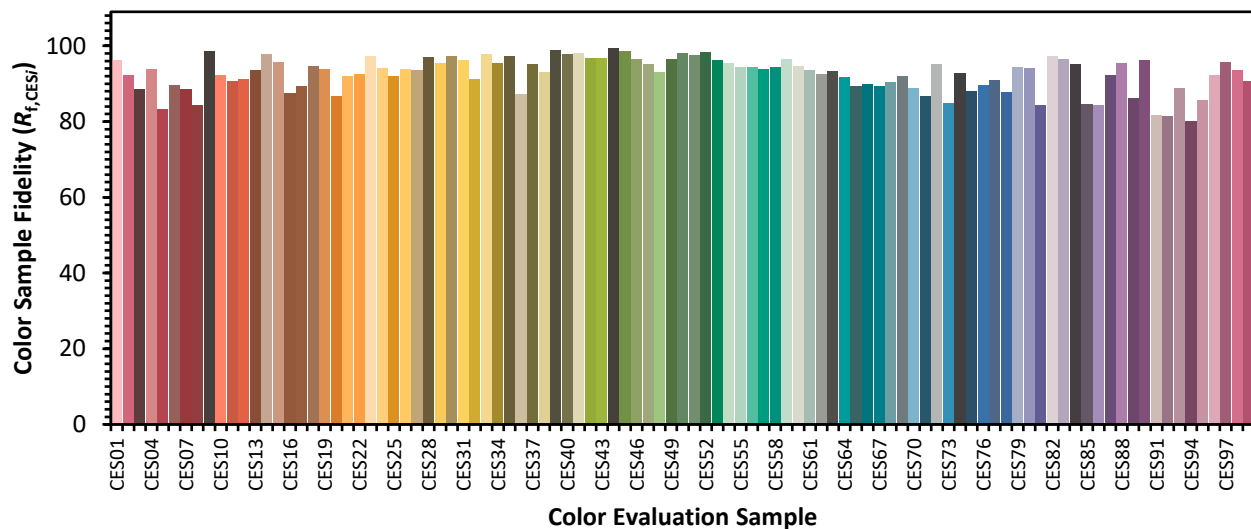


Color Vector Graphics

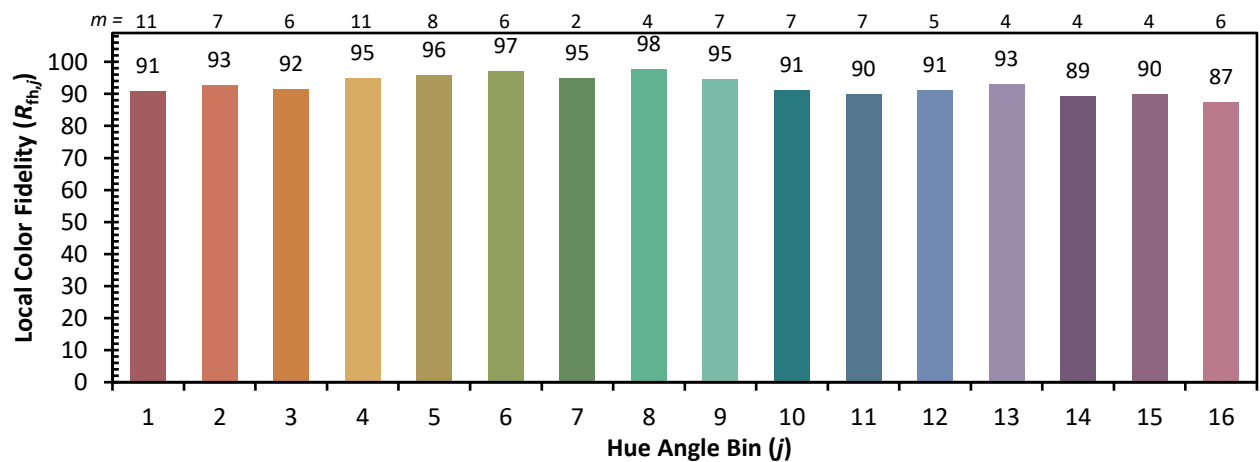
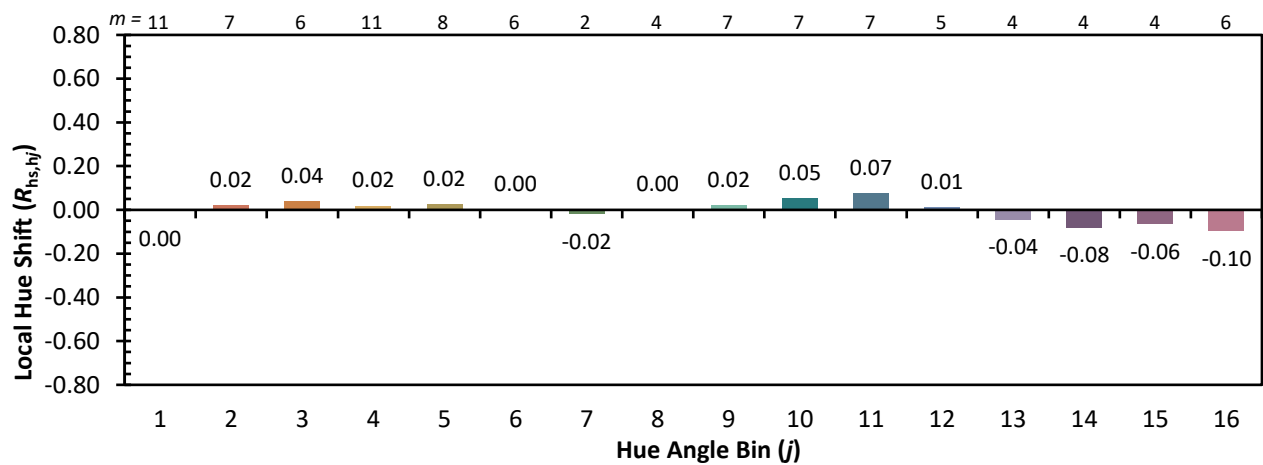
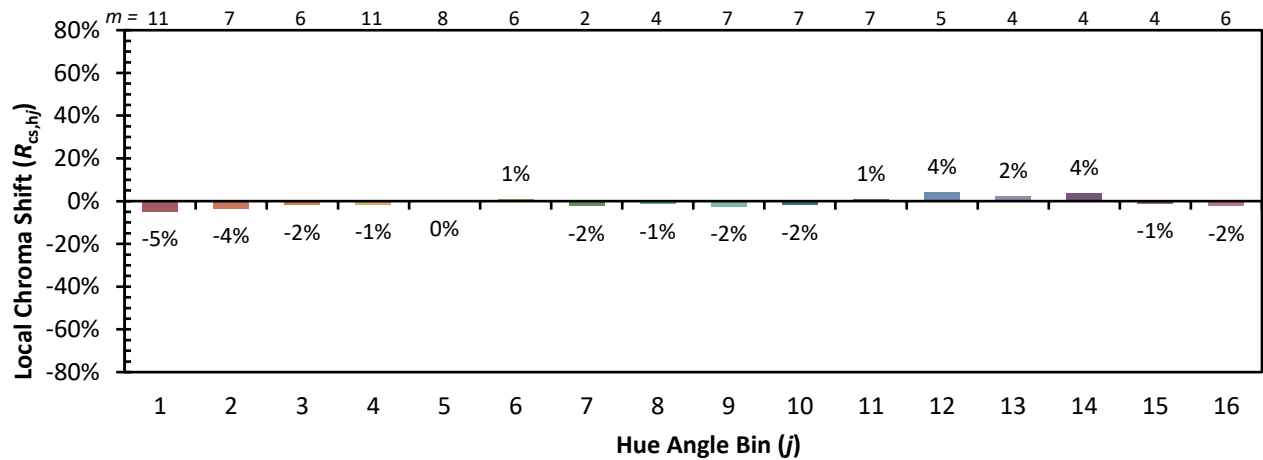


Individual Sample Fidelity Index ($R_{f,i}$)

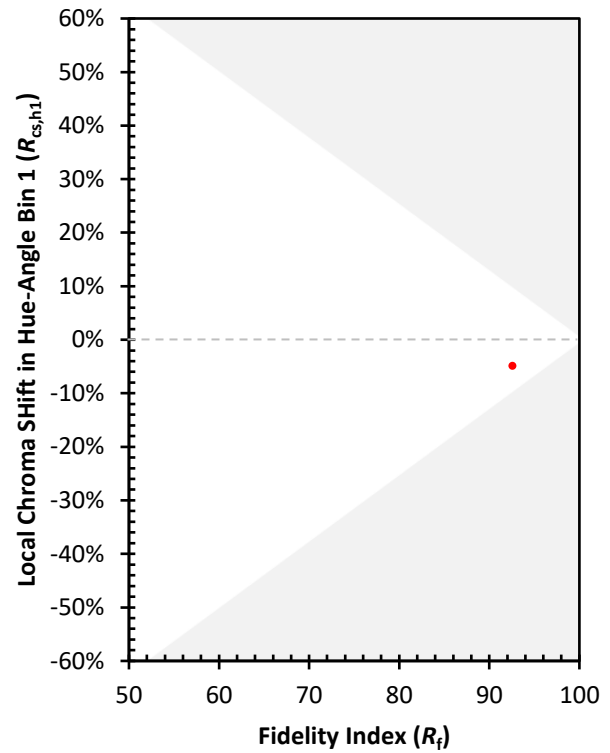
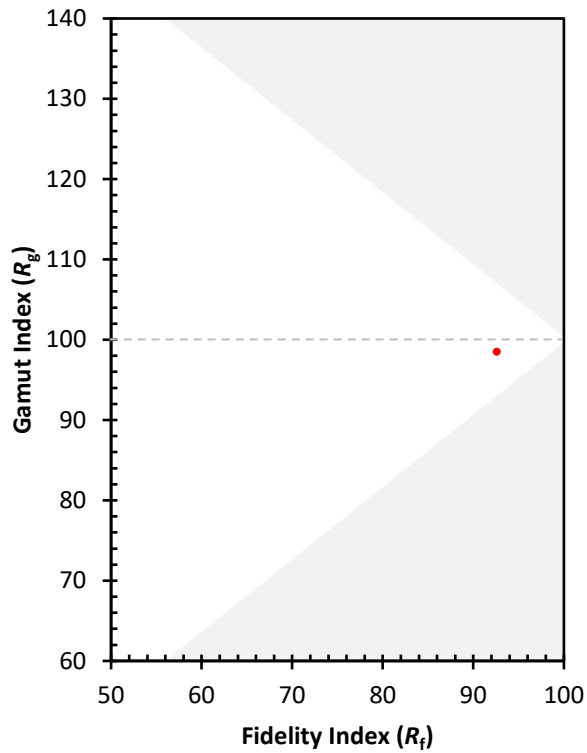
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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