

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: P1048110

Luminaire Tested: **GALN-SA5B-930-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048110
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15352.4 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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



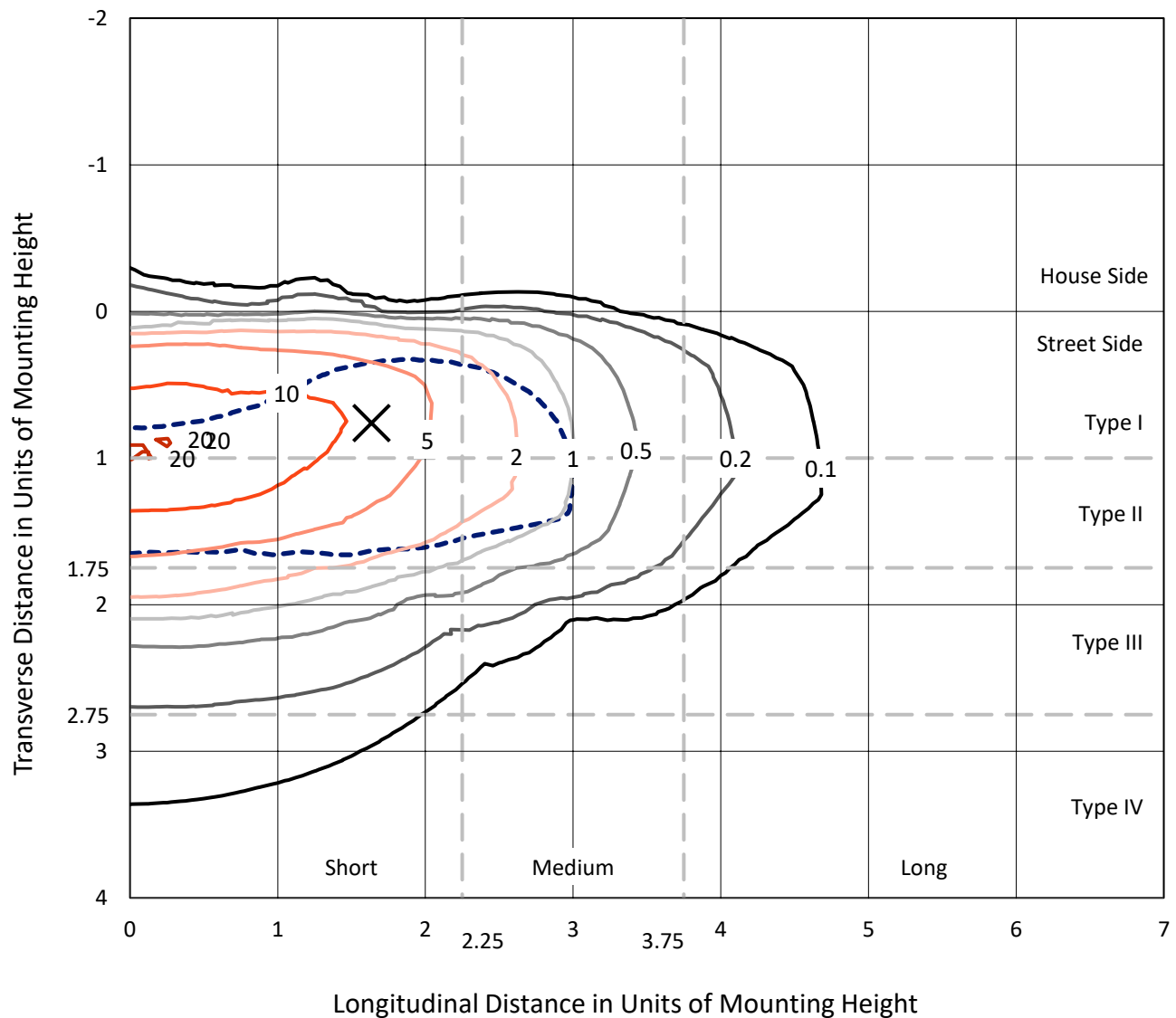
REPORT NUMBER: P1048110

CATALOG NUMBER: GALN-SA5B-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

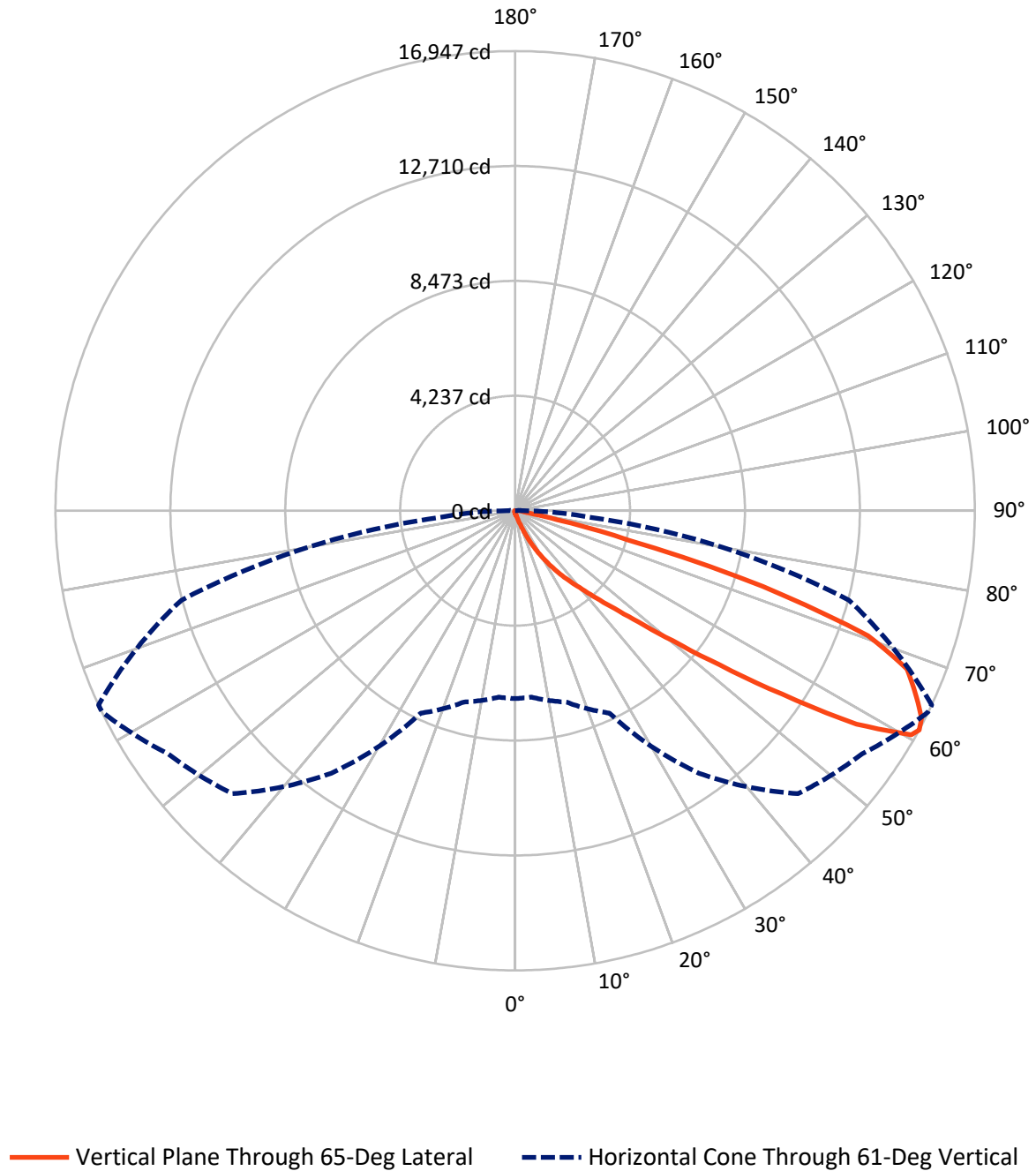


Based on 15 foot mounting height. Maximum calculated value = 20.3 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA5B-930-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.5	0.0	65.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15286.8	0.0	15286.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	15352.4	0.0	15352.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.1
10°-20°	126.2	0.8
20°-30°	453.1	3.0
30°-40°	1206.2	7.9
40°-50°	3168.8	20.6
50°-60°	4909.1	32.0
60°-70°	4116.2	26.8
70°-80°	1211.3	7.9
80°-90°	149.4	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°	15352.4	100.0
0°-180°	15352.4	100.0



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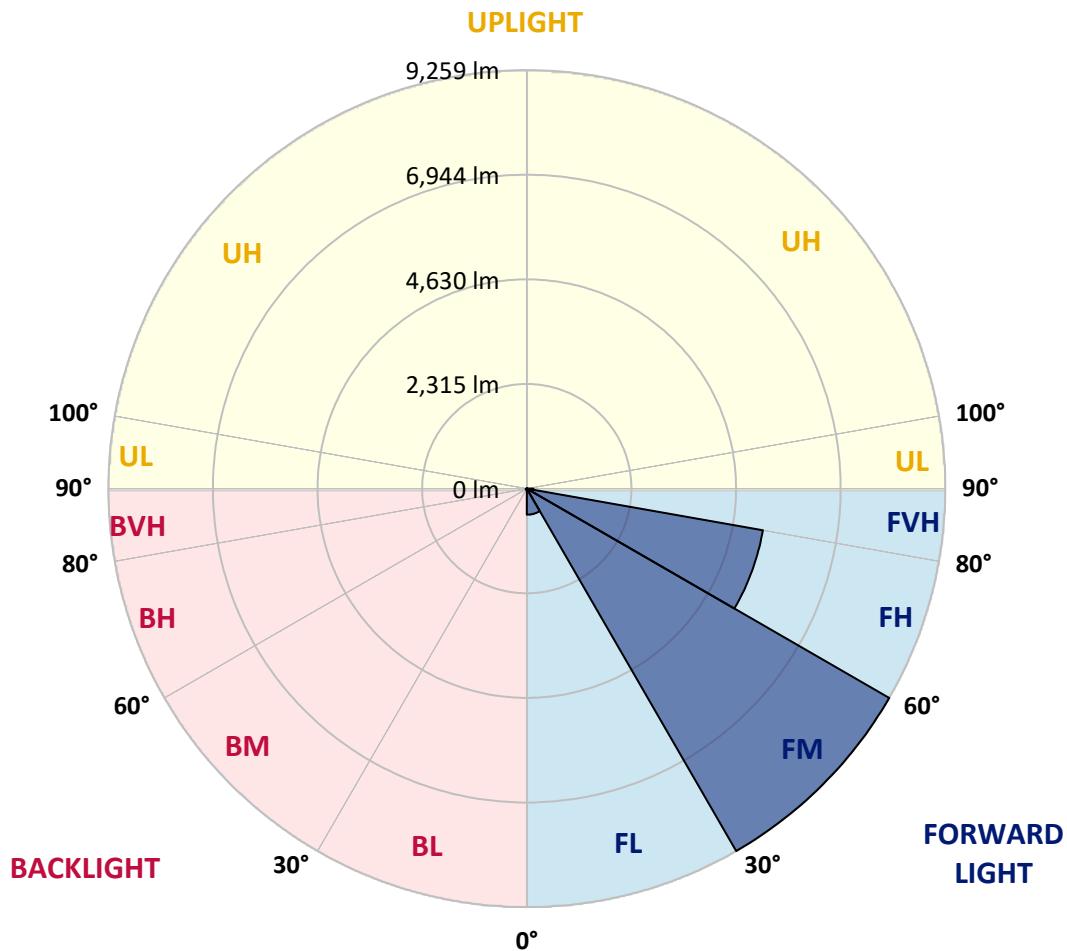
CATALOG NUMBER: GALN-SA5B-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	576.6	3.8			
FM	(30°-60°)	9259.2	60.3			
FH	(60°-80°)	5304.4	34.6			G3/7500
FVH	(80°-90°)	146.7	1.0			G2/225
BL	(0°-30°)	14.7	0.1	B0/110		
BM	(30°-60°)	24.9	0.2	B0/220		
BH	(60°-80°)	23.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2.5°	114.1	115.1	113.0	108.8	105.6	105.6	104.6	101.4	101.4	98.2	96.1
5°	159.5	157.4	153.1	144.7	137.3	129.9	122.5	115.1	114.1	104.6	98.2
7.5°	260.9	263.0	249.2	222.8	200.7	172.1	145.7	129.9	127.8	111.9	99.3
10°	572.4	556.6	524.9	422.4	347.4	261.9	194.3	151.0	148.9	120.4	101.4
12.5°	1043.4	1030.7	972.6	867.0	673.8	468.9	284.1	186.9	180.6	127.8	102.4
15°	1503.9	1483.8	1452.1	1345.4	1119.4	840.6	464.7	255.6	238.7	138.3	101.4
17.5°	1797.4	1800.6	1772.1	1726.7	1580.9	1244.1	802.6	381.2	348.5	157.4	99.3
20°	2054.1	2046.7	2062.5	2038.2	1935.8	1690.8	1168.0	604.1	548.1	188.0	100.3
22.5°	2349.8	2367.7	2379.3	2374.1	2261.1	2052.0	1583.1	904.0	833.2	244.0	103.5
25°	2745.8	2743.7	2744.7	2731.0	2621.2	2388.8	1999.2	1276.8	1205.0	334.8	110.9
27.5°	3160.8	3173.5	3178.8	3129.2	2985.5	2757.4	2384.6	1684.4	1600.0	480.5	120.4
30°	3728.0	3717.4	3693.1	3591.7	3417.5	3134.4	2764.8	2112.2	2023.4	684.3	135.2
32.5°	4492.6	4480.9	4358.4	4134.5	3873.7	3527.3	3147.1	2540.9	2433.2	938.9	155.2
35°	5752.5	5770.4	5469.4	4889.6	4421.8	3999.4	3570.6	2967.6	2872.5	1252.5	182.7
37.5°	7681.9	7583.7	7175.0	6150.6	5143.1	4588.7	3975.1	3398.5	3316.1	1639.0	218.6
40°	9556.4	9459.3	9341.0	8370.5	6396.7	5238.1	4541.1	3904.3	3797.7	2075.2	271.4
42.5°	11527.1	11473.2	11467.9	10736.1	8684.1	6259.4	5222.3	4496.8	4406.0	2553.6	358.0
45°	12923.2	12869.4	12982.4	13110.1	11799.6	8447.6	6408.3	5266.7	5134.6	3134.4	496.4
47.5°	13111.2	13113.3	13415.4	13815.6	14114.5	11832.3	7988.2	6286.8	6126.3	3965.6	728.7
50°	12486.0	12510.3	12990.8	13706.8	14511.6	14672.1	10774.1	7767.5	7529.8	4950.9	1058.2
52.5°	11295.8	11323.3	11992.8	13170.3	14146.2	15354.3	14054.3	9704.3	9430.8	6180.2	1522.9
55°	10223.9	10240.8	11008.6	12496.6	13705.8	14983.6	16001.7	12290.6	11931.6	7692.5	1981.2
57.5°	9162.5	9123.5	9623.0	11326.4	13630.8	14528.5	16288.9	15238.1	14842.1	9345.2	2338.2
60°	7743.2	7677.7	8079.0	9162.5	12644.4	14827.3	15751.4	16868.7	16779.0	11646.4	2613.8
61°	6926.8	6899.4	7302.8	8232.1	11814.3	14751.3	15622.6	16937.4	16946.9	12735.2	2737.4
62.5°	4946.7	5024.8	5641.6	6849.7	9895.4	14258.1	15639.5	16725.1	16819.1	14182.1	3057.3
65°	2198.8	2324.4	2803.9	3787.1	5754.6	11860.8	15489.5	16259.4	16212.9	14579.2	4159.9
67.5°	1304.3	1323.3	1561.9	2145.9	3047.8	6379.8	13668.8	15643.7	15581.4	12691.9	5175.8
70°	1027.6	1037.1	1113.1	1346.5	1768.9	2443.8	7801.2	13534.7	13806.1	10291.5	5067.1
72.5°	974.8	972.6	983.2	1024.4	1114.2	1212.4	3020.4	8996.7	9549.1	7411.6	4248.6
75°	962.1	957.9	947.3	931.5	806.8	713.9	935.7	3979.3	4299.3	5063.9	3198.9
77.5°	933.6	934.6	936.7	893.4	691.7	504.8	453.1	1276.8	1570.4	3213.6	2273.7
80°	631.5	641.0	656.9	640.0	622.0	365.4	320.0	454.1	460.4	1803.8	1501.7
82.5°	320.0	320.0	312.6	278.8	240.8	237.6	254.5	329.5	333.7	912.5	706.5
85°	193.3	203.8	208.0	189.0	173.2	159.5	194.3	261.9	271.4	353.8	164.7
87.5°	43.3	44.4	48.6	64.4	94.0	127.8	180.6	239.7	244.0	227.1	20.1
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: P1048110

CATALOG NUMBER: GALN-SA5B-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2.5°	95.0	92.9	91.9	88.7	85.5	82.4	80.3	79.2	80.3	81.3	81.3
5°	94.0	90.8	85.5	80.3	76.0	71.8	67.6	66.5	66.5	67.6	67.6
7.5°	94.0	88.7	81.3	75.0	68.6	62.3	59.1	57.0	58.1	58.1	58.1
10°	94.0	87.7	78.1	68.6	61.3	53.9	48.6	46.5	46.5	46.5	46.5
12.5°	92.9	86.6	75.0	63.4	52.8	44.4	38.0	34.9	35.9	35.9	35.9
15°	90.8	83.4	70.8	53.9	42.2	33.8	27.5	24.3	25.3	27.5	28.5
17.5°	87.7	80.3	63.4	45.4	33.8	25.3	19.0	16.9	18.0	21.1	21.1
20°	86.6	77.1	56.0	37.0	25.3	18.0	12.7	10.6	11.6	15.8	16.9
22.5°	86.6	75.0	50.7	30.6	19.0	11.6	7.4	4.2	4.2	7.4	7.4
25°	87.7	73.9	46.5	25.3	13.7	8.4	4.2	2.1	4.2	11.6	13.7
27.5°	89.8	72.9	44.4	21.1	10.6	7.4	3.2	7.4	12.7	12.7	12.7
30°	91.9	70.8	41.2	18.0	9.5	5.3	5.3	10.6	10.6	12.7	13.7
32.5°	95.0	69.7	39.1	15.8	7.4	4.2	7.4	6.3	6.3	7.4	8.4
35°	101.4	70.8	37.0	15.8	7.4	5.3	6.3	3.2	2.1	2.1	2.1
37.5°	109.8	71.8	33.8	13.7	6.3	6.3	3.2	0.0	0.0	0.0	0.0
40°	123.6	75.0	31.7	12.7	5.3	5.3	1.1	0.0	0.0	0.0	0.0
42.5°	146.8	81.3	30.6	11.6	5.3	4.2	0.0	0.0	0.0	0.0	0.0
45°	193.3	96.1	28.5	10.6	5.3	2.1	0.0	0.0	0.0	0.0	0.0
47.5°	277.7	131.0	27.5	8.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	405.5	177.4	26.4	7.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	517.5	186.9	18.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	530.2	128.8	13.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	422.4	83.4	11.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	320.0	63.4	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	307.3	57.0	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	339.0	49.6	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	551.3	41.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	957.9	35.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1210.3	33.8	6.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1055.0	30.6	6.3	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	634.7	26.4	6.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	332.7	20.1	6.3	5.3	3.2	1.1	0.0	0.0	0.0	0.0	0.0
80°	161.6	18.0	7.4	5.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	63.4	14.8	8.4	7.4	5.3	3.2	1.1	0.0	0.0	0.0	0.0
85°	28.5	12.7	9.5	8.4	7.4	4.2	1.1	0.0	0.0	0.0	0.0
87.5°	14.8	11.6	10.6	9.5	7.4	5.3	2.1	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: SP1-2407-184-14

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

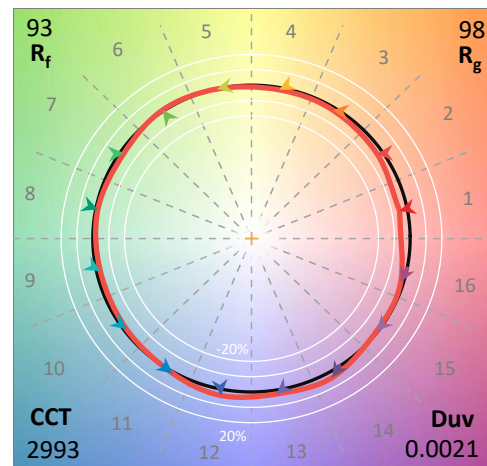
Test Information

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

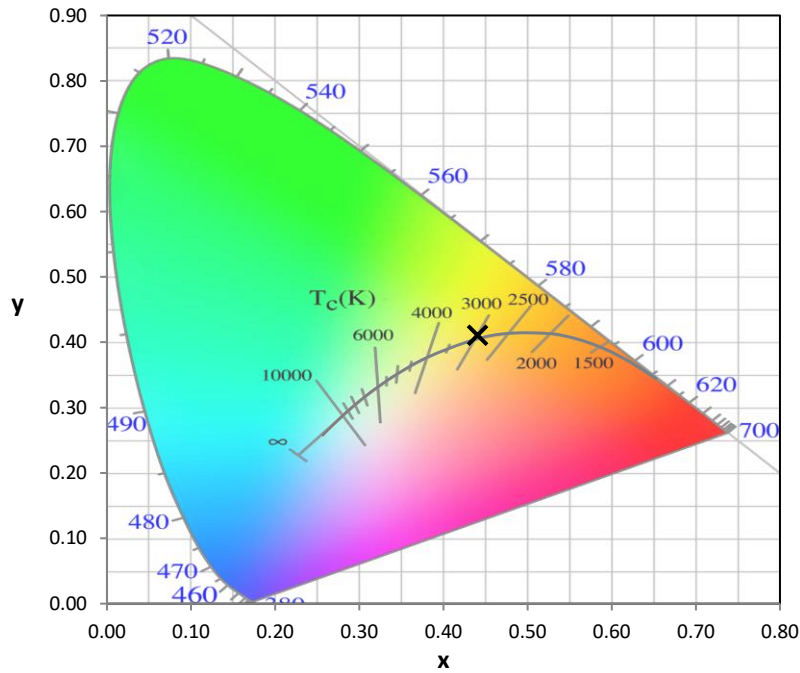
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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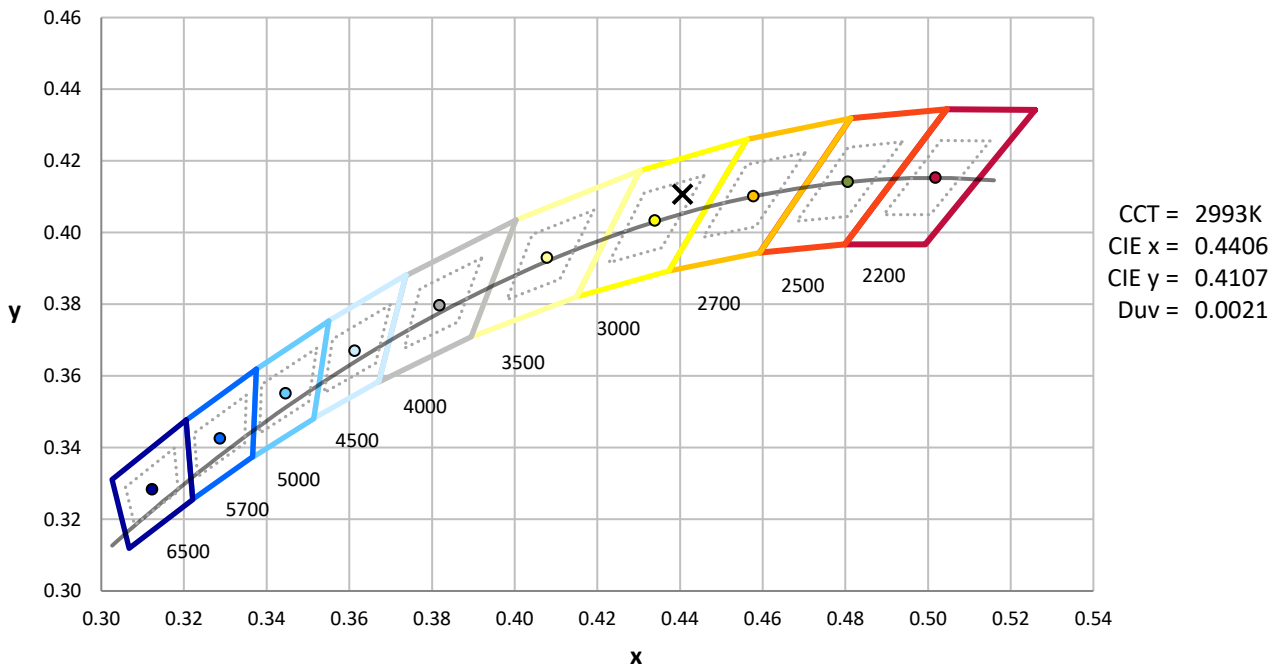
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



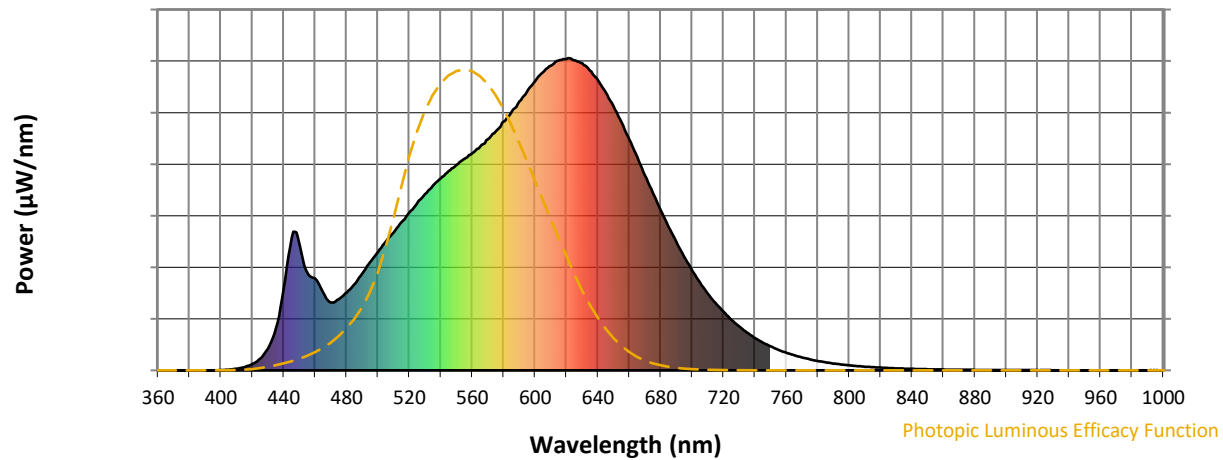
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

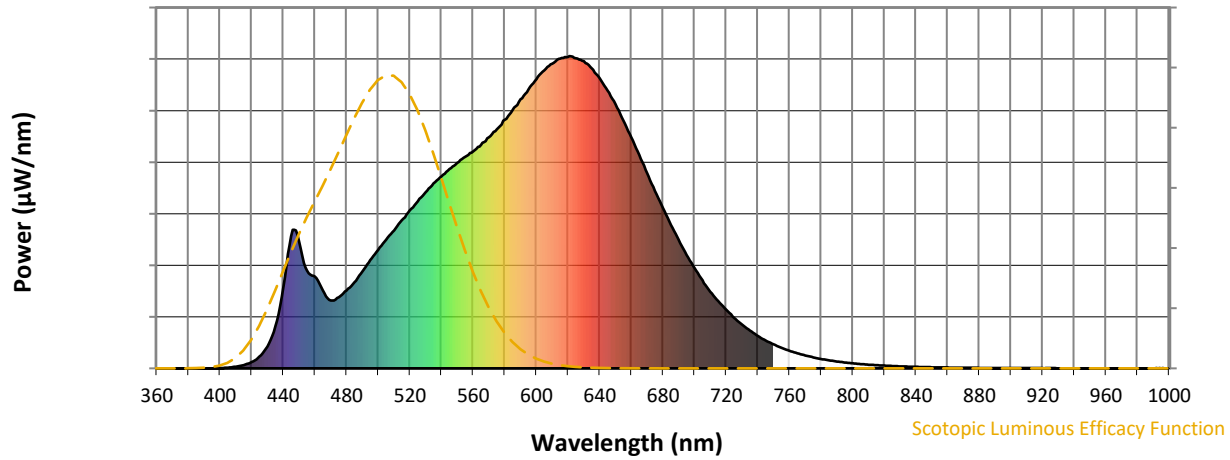


Photopic Lumens: NR

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



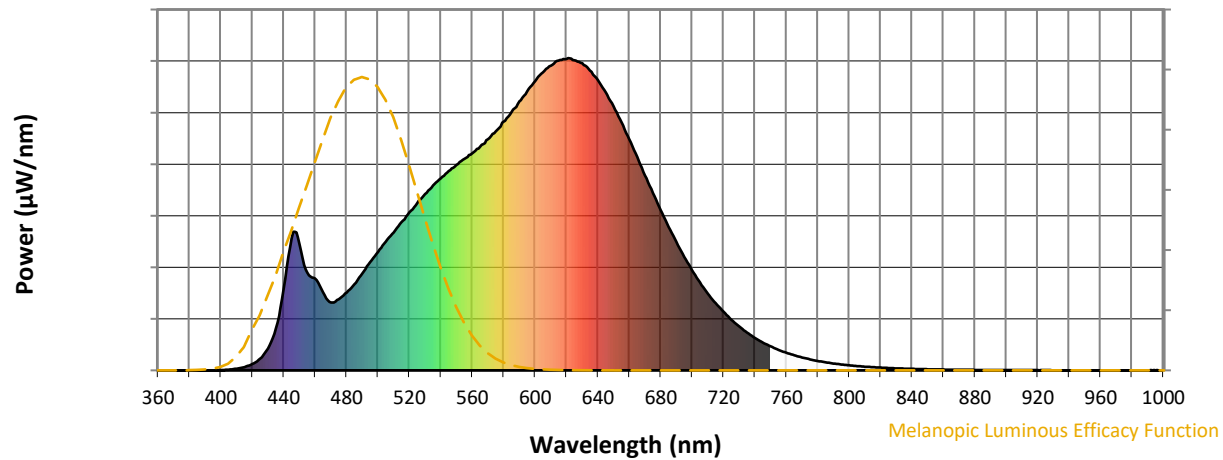
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power W ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

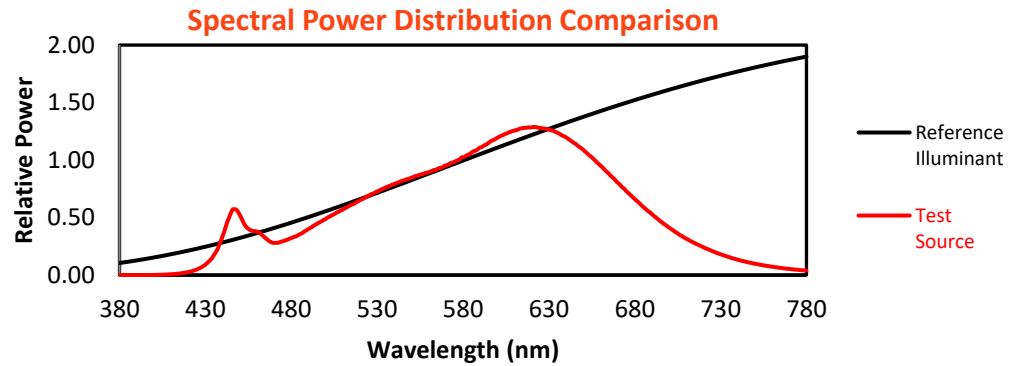
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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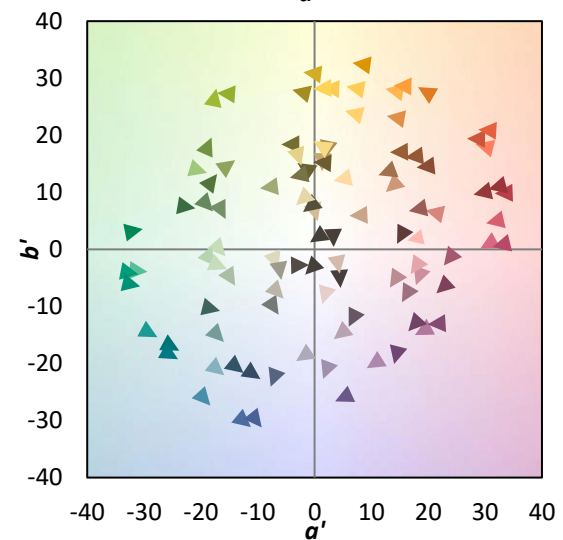
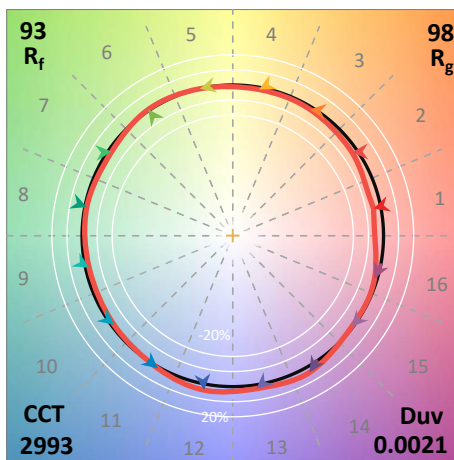
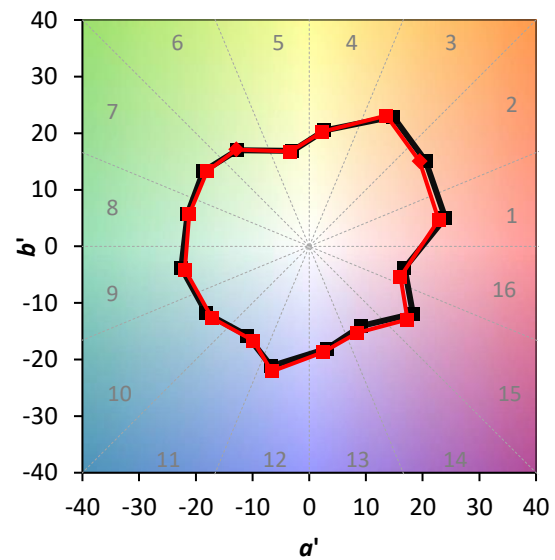
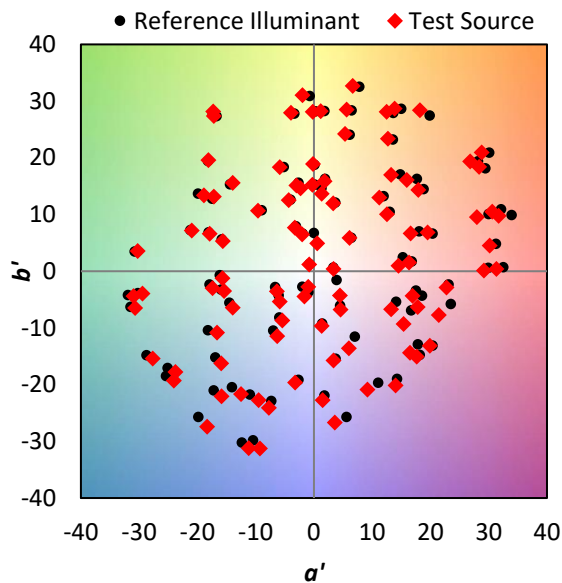
TM-30-18

Summary

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

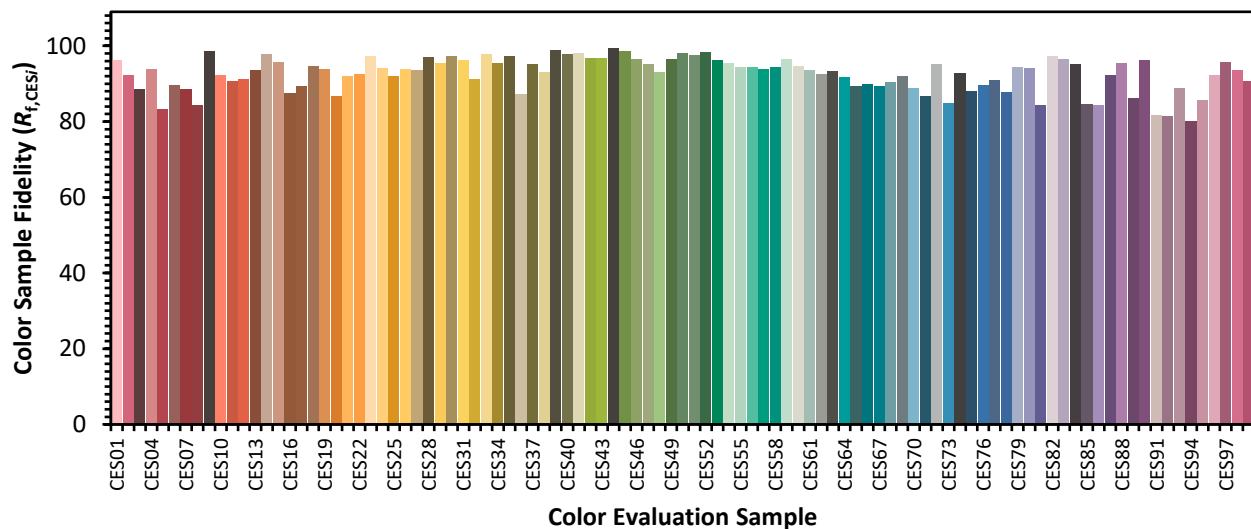


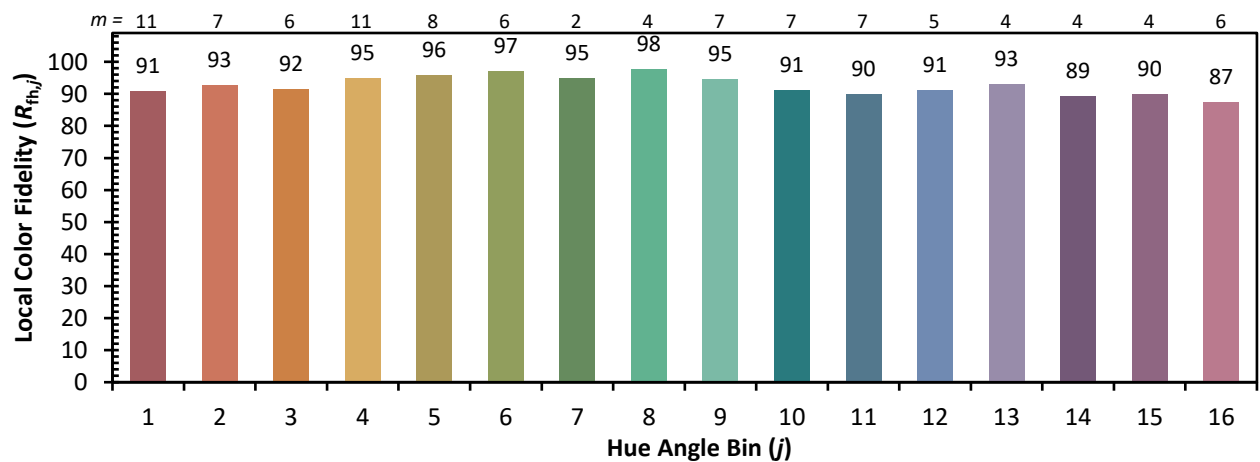
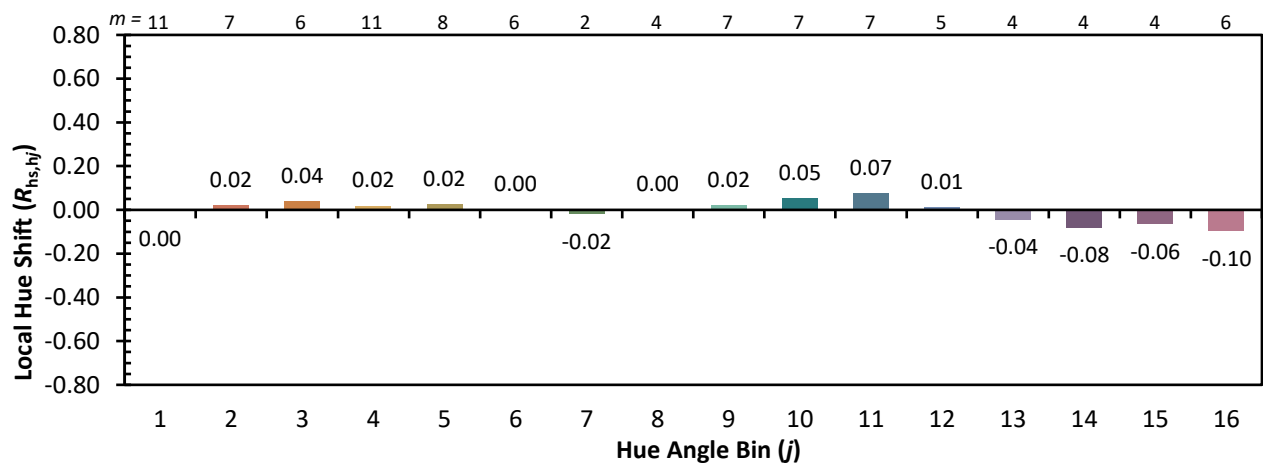
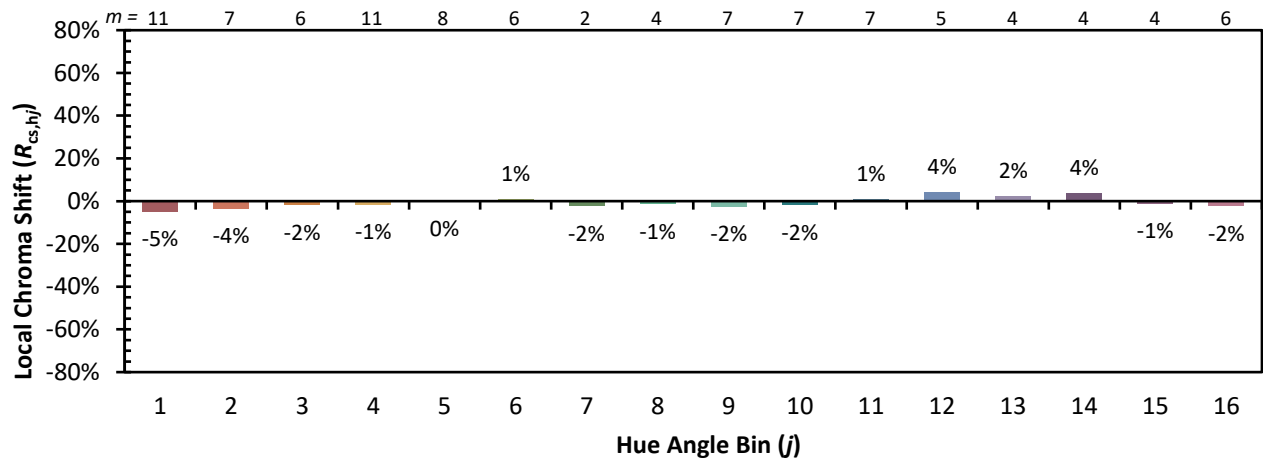
Color Vector Graphics



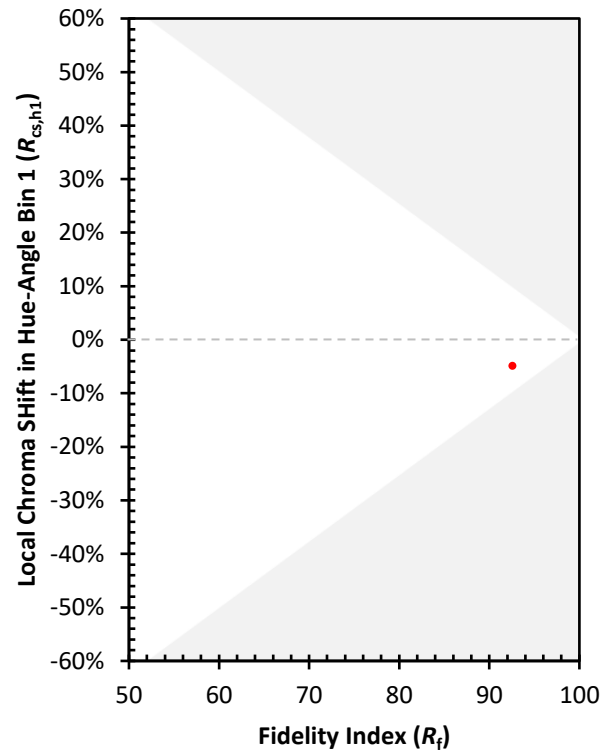
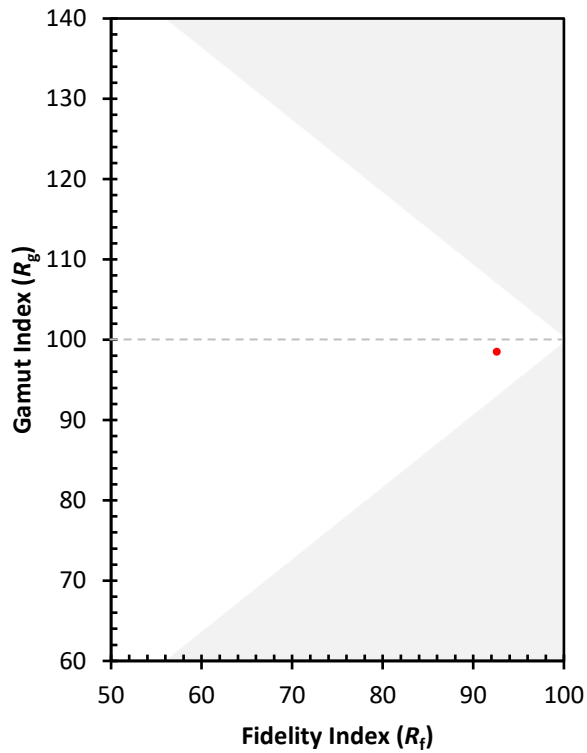
Individual Sample Fidelity Index ($R_{f,i}$)

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)