

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: P1048725

Luminaire Tested: **GALN-SA6A-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048725
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14932.6 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 162.9
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

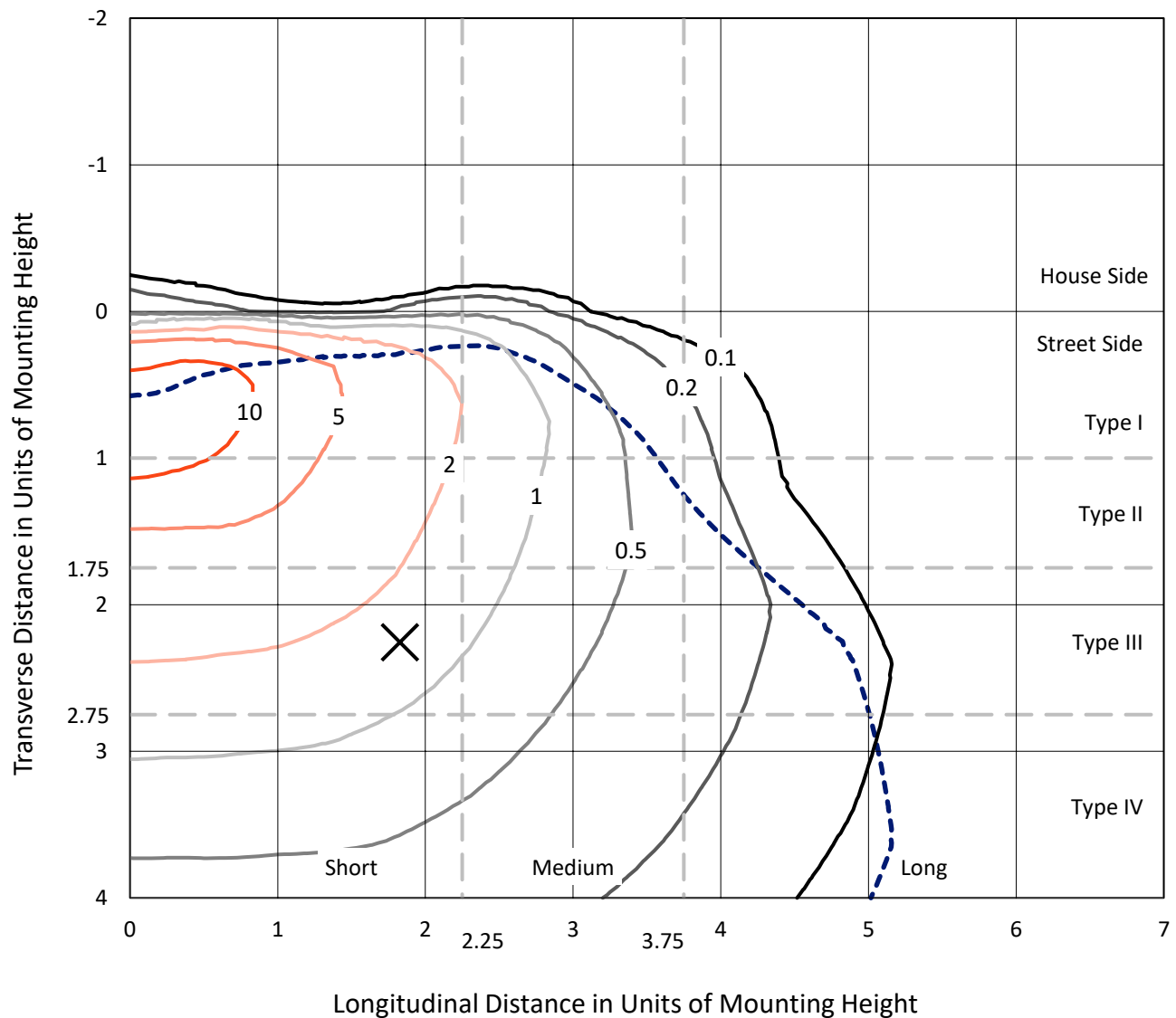


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

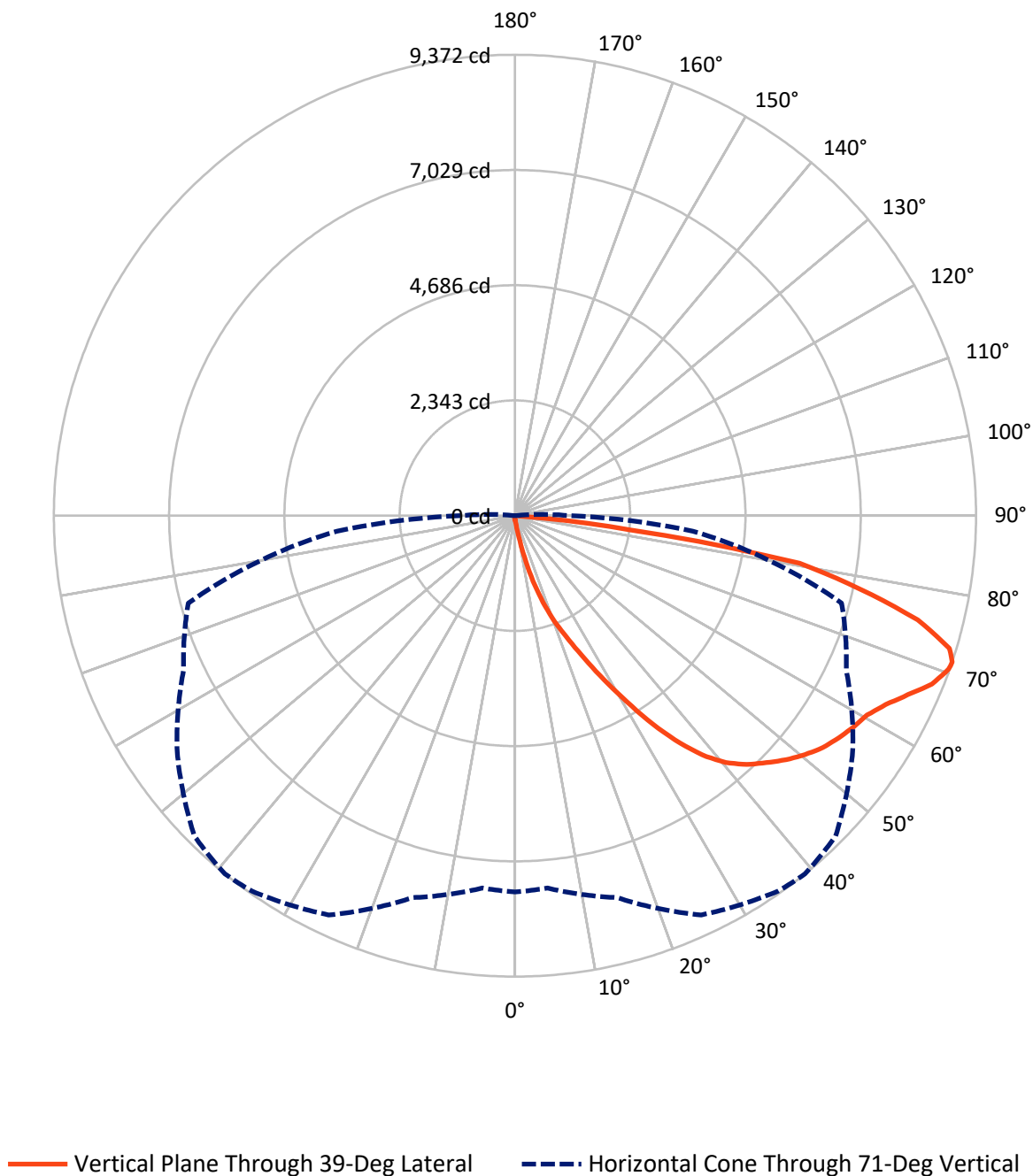


Based on 15 foot mounting height. Maximum calculated value = 15.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.1	0.0	53.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14879.5	0.0	14879.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	14932.6	0.0	14932.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	0.1
10°-20°	159.6	1.1
20°-30°	568.4	3.8
30°-40°	1369.8	9.2
40°-50°	2292.5	15.4
50°-60°	2944.5	19.7
60°-70°	3726.2	25.0
70°-80°	3322.1	22.2
80°-90°	537.0	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°	14932.6	100.0
0°-180°	14932.6	100.0



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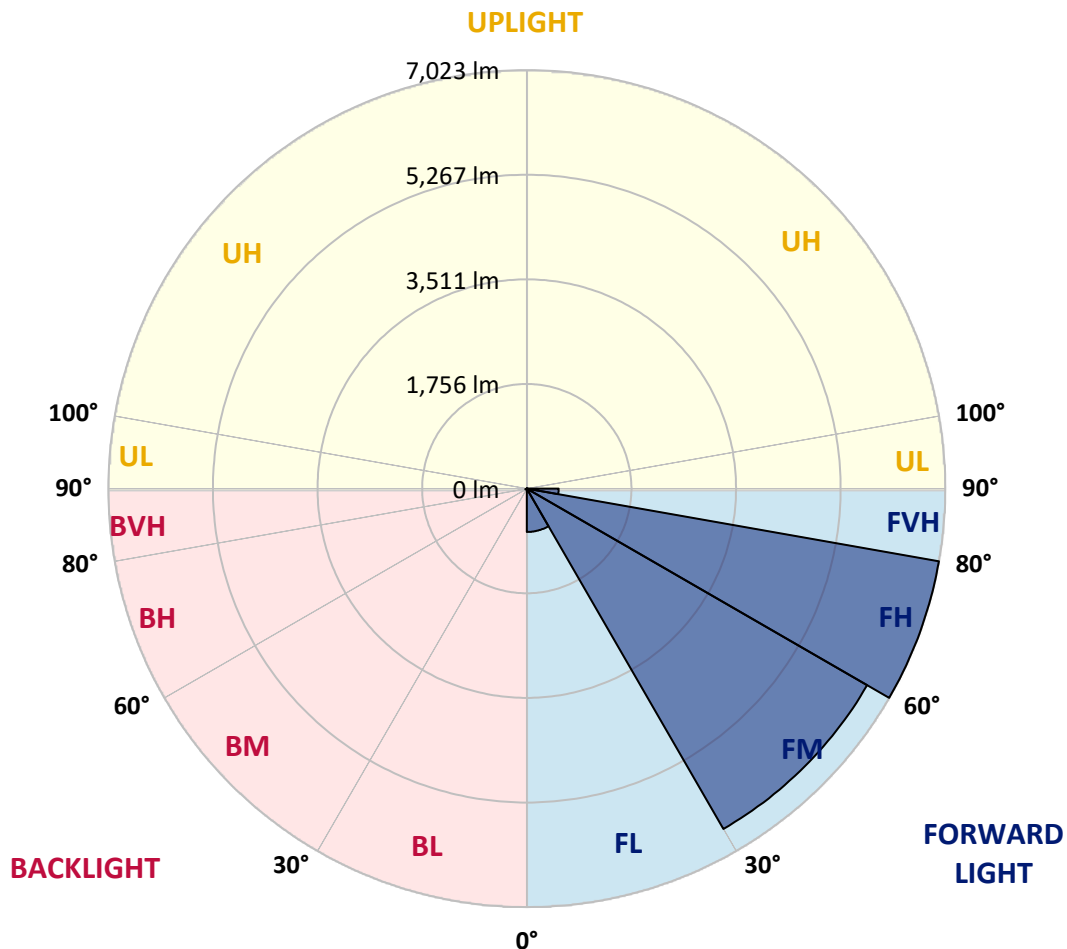
CATALOG NUMBER: GALN-SA6A-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	727.6	4.9			
FM	(30°-60°)	6594.5	44.2			
FH	(60°-80°)	7022.8	47.0			G3/7500
FVH	(80°-90°)	534.6	3.6			G4/750
BL	(0°-30°)	12.8	0.1	B0/110		
BM	(30°-60°)	12.3	0.1	B0/220		
BH	(60°-80°)	25.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2.5°	94.0	94.0	94.0	91.0	91.0	90.0	89.0	89.0	86.9	85.9	83.9
5°	142.5	139.5	132.4	128.4	120.3	115.2	110.2	103.1	96.0	91.0	84.9
7.5°	322.5	329.5	306.3	262.8	218.3	199.1	166.8	134.4	111.2	96.0	85.9
10°	821.8	817.8	738.9	652.0	503.4	443.8	347.7	219.4	143.5	105.1	86.9
12.5°	1398.0	1394.0	1301.0	1182.7	986.6	862.3	680.3	409.4	206.2	119.3	86.9
15°	1882.2	1866.0	1836.7	1719.5	1490.0	1385.9	1145.3	723.8	333.6	143.5	89.0
17.5°	2202.7	2188.5	2161.2	2118.8	1973.2	1849.9	1656.8	1137.2	539.8	186.0	93.0
20°	2496.8	2486.7	2464.5	2456.4	2362.4	2296.7	2136.9	1612.3	841.0	252.7	99.1
22.5°	2901.2	2879.9	2889.0	2840.5	2748.5	2669.7	2571.6	2109.7	1209.0	363.9	110.2
25°	3396.5	3386.4	3361.1	3326.7	3199.4	3130.6	2980.0	2578.7	1620.4	509.5	122.3
27.5°	3994.9	3983.8	3977.7	3898.9	3752.3	3677.5	3467.2	3021.4	2083.4	713.7	138.5
30°	4684.3	4689.4	4649.9	4548.8	4378.0	4272.9	4056.6	3485.4	2557.5	953.2	155.7
32.5°	5398.0	5387.9	5327.2	5207.9	5055.3	4957.2	4682.3	3993.9	3054.8	1269.6	175.9
35°	6167.2	6148.0	5988.3	5851.8	5721.4	5598.1	5347.4	4584.2	3552.1	1624.4	203.2
37.5°	6943.6	6853.6	6533.2	6360.3	6270.3	6169.2	5935.7	5214.0	4046.5	2020.7	236.5
40°	7529.9	7460.1	7080.0	6761.6	6689.8	6603.9	6430.1	5757.8	4572.1	2446.3	277.0
42.5°	7854.3	7815.9	7474.3	7159.9	6991.1	6915.3	6766.7	6232.9	5091.7	2916.3	335.6
45°	7992.8	7933.2	7704.7	7558.2	7289.3	7163.9	6987.0	6591.8	5634.5	3450.0	417.5
47.5°	7950.4	7916.0	7752.2	7805.8	7610.7	7415.6	7155.8	6866.7	6098.5	4062.6	529.7
50°	7683.5	7654.2	7603.7	7893.8	7869.5	7639.0	7374.2	7084.1	6477.6	4694.4	703.6
52.5°	7176.1	7163.9	7293.3	7825.0	8016.1	7836.2	7584.4	7276.1	6831.4	5354.5	952.2
55°	6522.0	6571.6	6941.5	7717.9	8090.9	7981.7	7770.4	7456.1	7115.4	5944.8	1319.2
57.5°	6253.2	6266.3	6728.3	7642.1	8124.2	8110.1	7951.4	7627.9	7376.2	6416.9	1879.2
60°	6567.5	6547.3	6790.9	7699.7	8191.0	8225.3	8112.1	7787.6	7602.6	6822.3	2625.2
62.5°	7135.6	7124.5	7202.3	7945.3	8386.1	8455.8	8335.5	7902.9	7802.8	7089.1	3476.3
65°	7643.1	7619.8	7764.4	8381.0	8728.7	8778.3	8673.1	8100.0	7890.7	7283.2	4275.9
67.5°	7862.4	7857.4	8089.9	8795.5	9088.6	9142.2	9050.2	8371.9	7870.5	7344.9	4628.7
70°	7762.4	7743.2	8115.1	8971.3	9291.8	9352.4	9263.5	8473.0	7651.2	7149.8	4106.1
71°	7652.2	7600.6	8039.3	8959.2	9320.1	9371.6	9216.0	8381.0	7430.8	6872.8	3632.0
72.5°	7310.5	7319.6	7831.1	8832.9	9252.4	9237.2	8947.1	8051.5	7164.9	6244.1	2917.3
75°	6469.5	6523.0	7156.9	8302.2	8647.9	8454.8	8011.0	7421.7	6631.2	4477.1	2025.8
77.5°	5286.8	5366.6	6063.1	7281.2	7183.1	7163.9	7145.7	6539.2	5662.8	2404.8	1409.1
80°	2524.1	2697.0	3657.3	5197.8	5646.6	5864.0	5727.5	5269.6	4379.0	1145.3	842.0
82.5°	164.8	162.7	230.5	436.7	1840.8	2379.6	3780.6	3766.4	3052.8	558.0	343.7
85°	77.8	79.9	87.9	100.1	116.2	127.4	175.9	1031.1	1460.7	265.9	74.8
87.5°	45.5	46.5	54.6	69.7	91.0	101.1	120.3	154.7	190.0	146.6	16.2
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2.5°	82.9	81.9	78.8	75.8	72.8	70.8	69.7	70.8	70.8	71.8	71.8
5°	82.9	79.9	74.8	68.7	64.7	60.7	58.6	57.6	58.6	58.6	58.6
7.5°	81.9	76.8	69.7	62.7	57.6	52.6	50.5	49.5	49.5	50.5	50.5
10°	79.9	74.8	65.7	57.6	51.6	45.5	42.5	39.4	39.4	39.4	40.4
12.5°	78.8	71.8	60.7	52.6	44.5	37.4	31.3	28.3	29.3	29.3	29.3
15°	76.8	68.7	57.6	47.5	37.4	28.3	23.2	20.2	21.2	22.2	21.2
17.5°	76.8	67.7	53.6	41.4	29.3	21.2	17.2	15.2	15.2	16.2	16.2
20°	76.8	65.7	50.5	35.4	22.2	16.2	12.1	11.1	11.1	13.1	14.2
22.5°	78.8	65.7	46.5	29.3	18.2	12.1	9.1	8.1	9.1	11.1	12.1
25°	81.9	64.7	42.5	26.3	15.2	9.1	7.1	5.1	6.1	8.1	9.1
27.5°	84.9	63.7	38.4	23.2	12.1	7.1	5.1	4.0	3.0	4.0	4.0
30°	87.9	63.7	34.4	19.2	10.1	5.1	3.0	2.0	1.0	0.0	0.0
32.5°	90.0	61.7	31.3	15.2	8.1	4.0	2.0	1.0	0.0	0.0	0.0
35°	92.0	59.6	27.3	12.1	6.1	3.0	1.0	0.0	0.0	0.0	0.0
37.5°	94.0	56.6	23.2	10.1	5.1	2.0	0.0	0.0	0.0	0.0	0.0
40°	96.0	52.6	19.2	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	98.1	49.5	16.2	7.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	103.1	47.5	13.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	112.2	45.5	12.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	125.3	43.5	11.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	143.5	42.5	10.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	175.9	41.4	9.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	231.5	40.4	9.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	354.8	38.4	9.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	633.8	37.4	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1104.9	38.4	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1584.0	40.4	7.1	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1355.6	35.4	7.1	4.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
71°	1104.9	31.3	7.1	4.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
72.5°	710.6	24.3	6.1	4.0	2.0	2.0	1.0	0.0	0.0	0.0	0.0
75°	300.2	20.2	6.1	4.0	3.0	2.0	2.0	1.0	0.0	0.0	0.0
77.5°	128.4	15.2	6.1	5.1	4.0	3.0	3.0	2.0	1.0	0.0	0.0
80°	48.5	12.1	7.1	6.1	5.1	5.1	4.0	2.0	1.0	0.0	0.0
82.5°	22.2	10.1	7.1	6.1	6.1	5.1	4.0	3.0	2.0	0.0	0.0
85°	14.2	9.1	7.1	6.1	6.1	5.1	5.1	3.0	2.0	0.0	0.0
87.5°	11.1	9.1	7.1	7.1	6.1	6.1	4.0	3.0	1.0	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

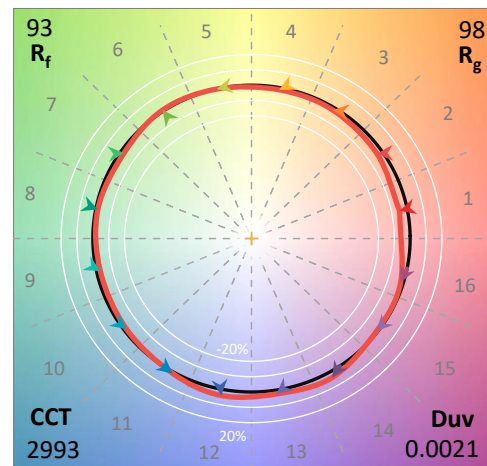
Test Information

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

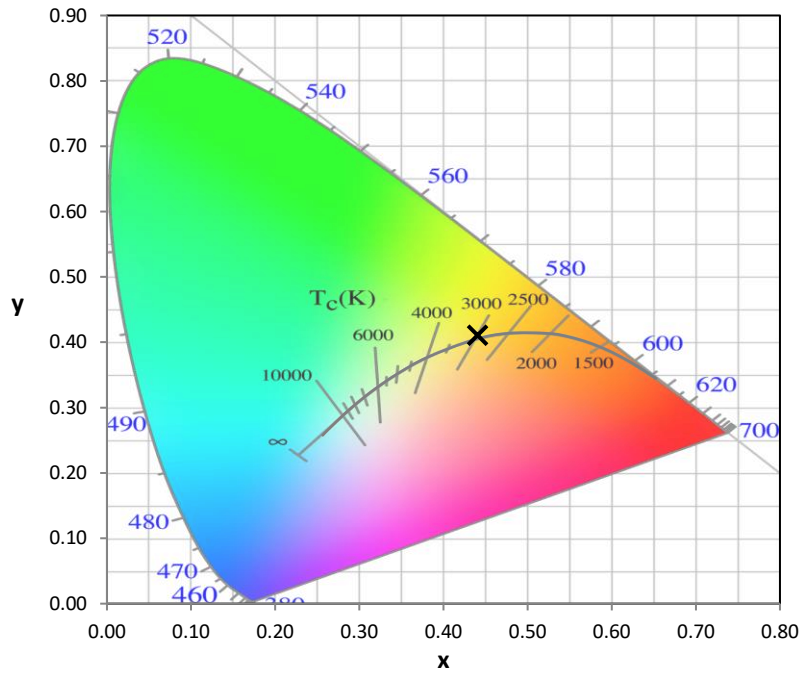
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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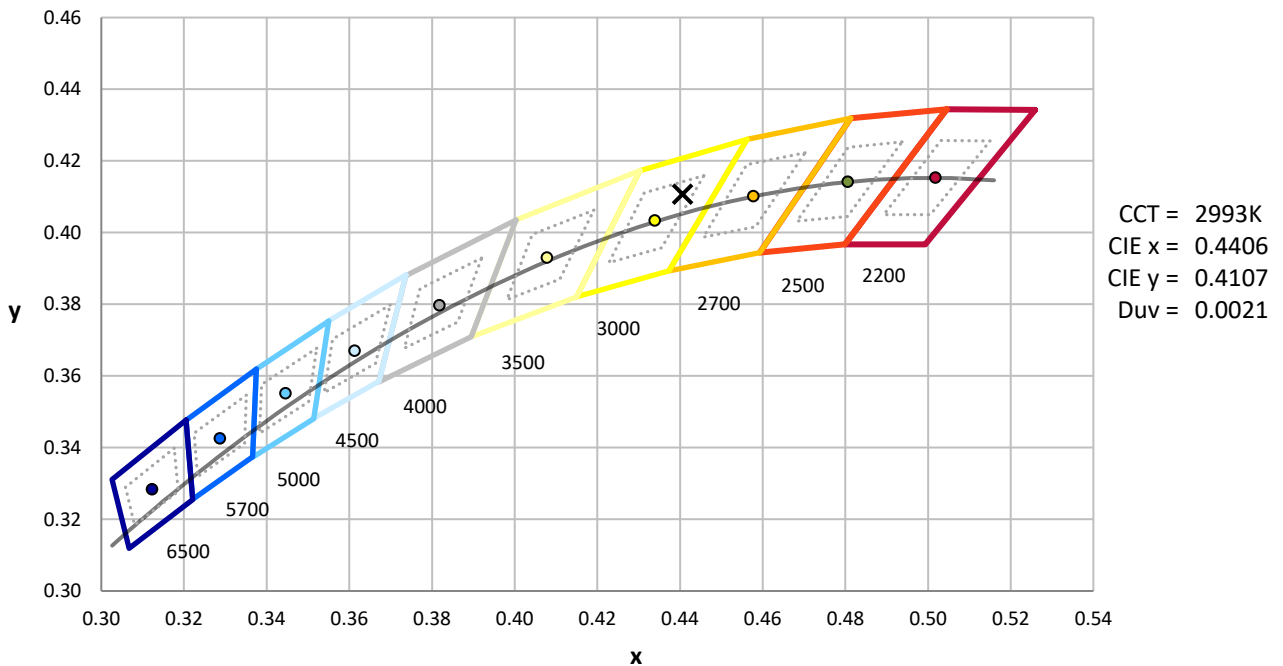
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



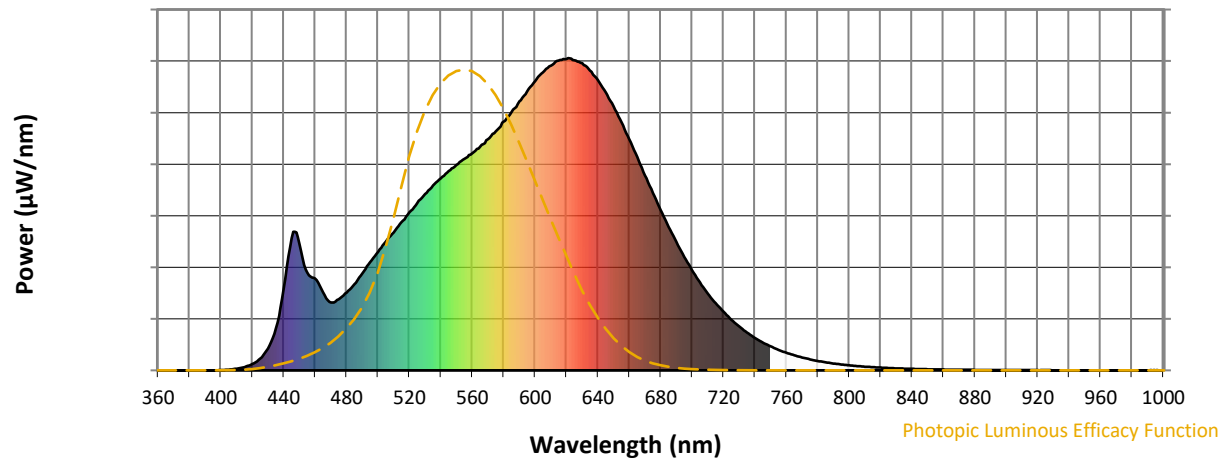
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

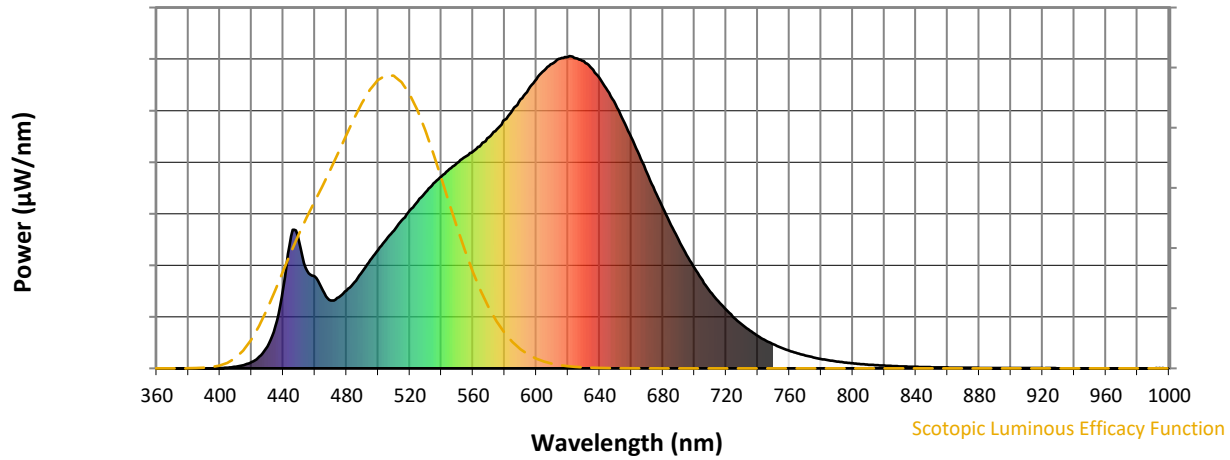


Photopic Lumens: NR

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



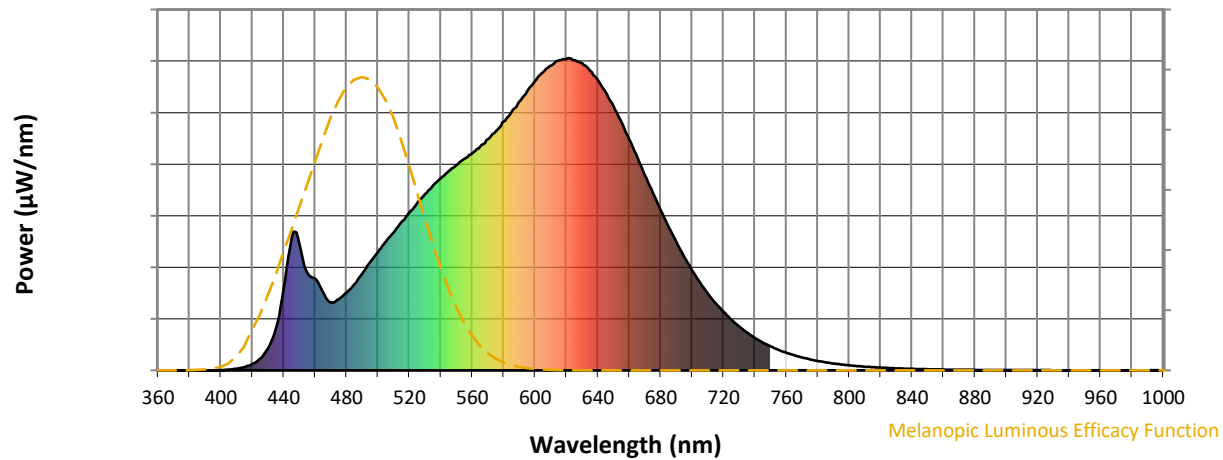
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power 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

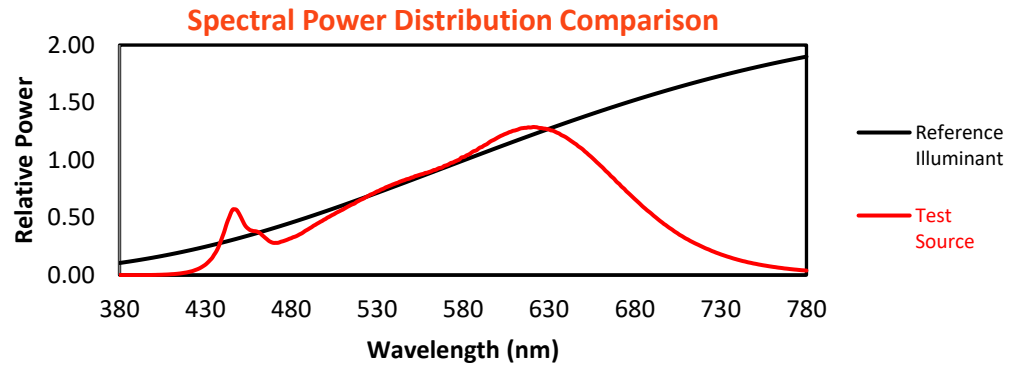
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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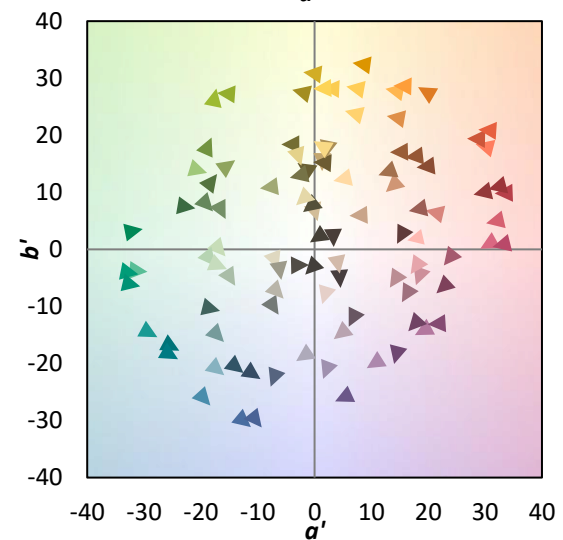
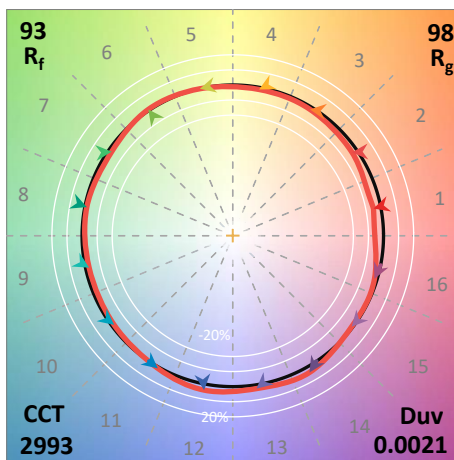
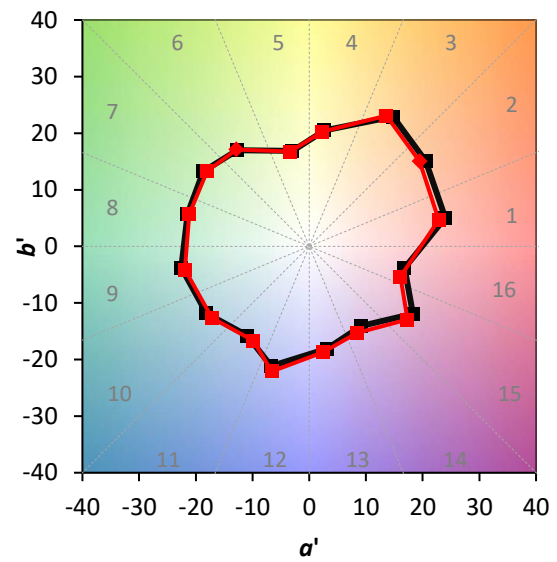
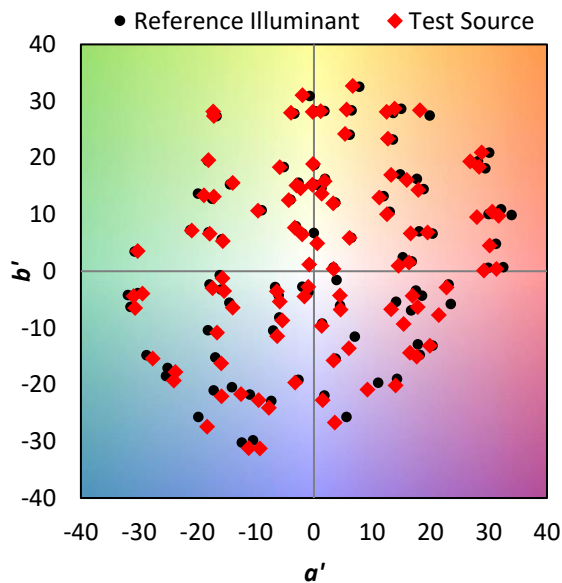
TM-30-18

Summary

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

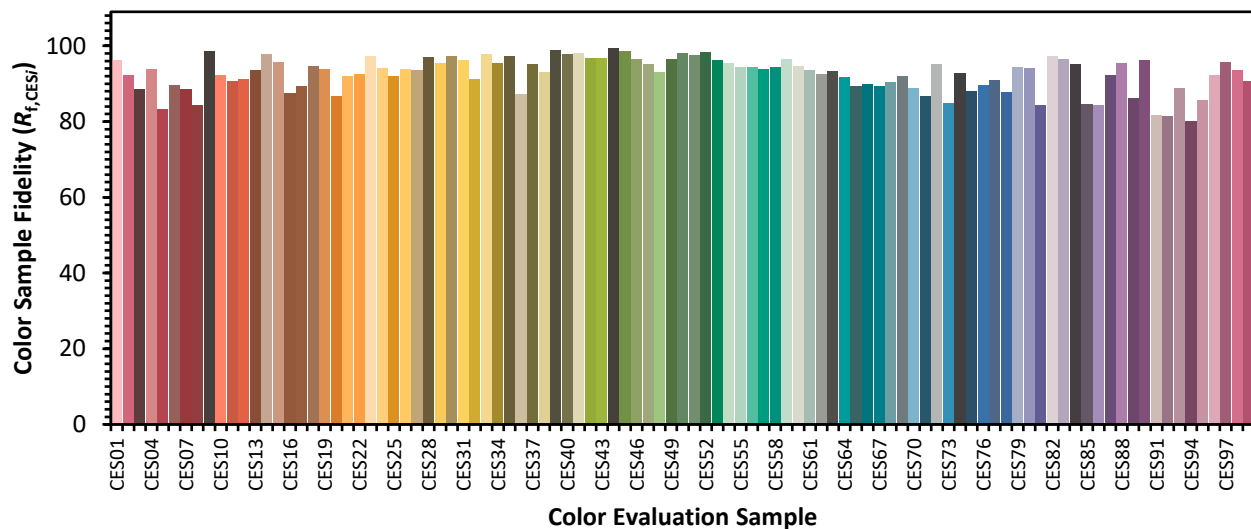


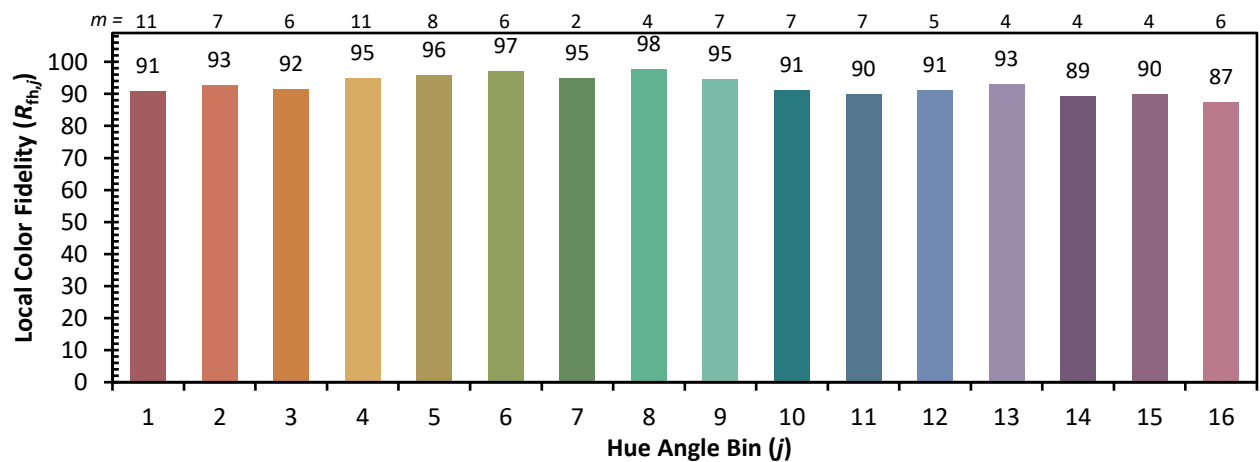
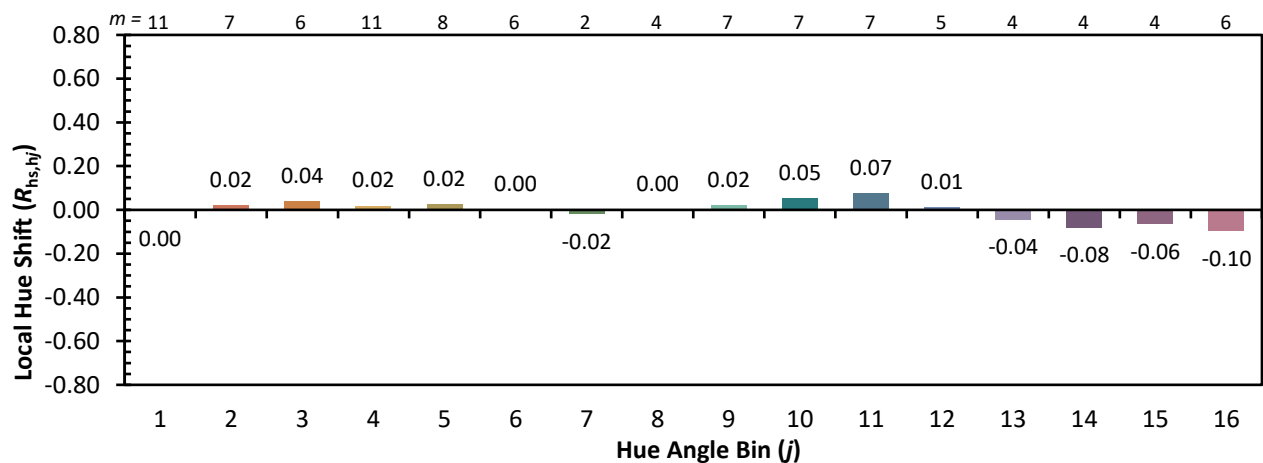
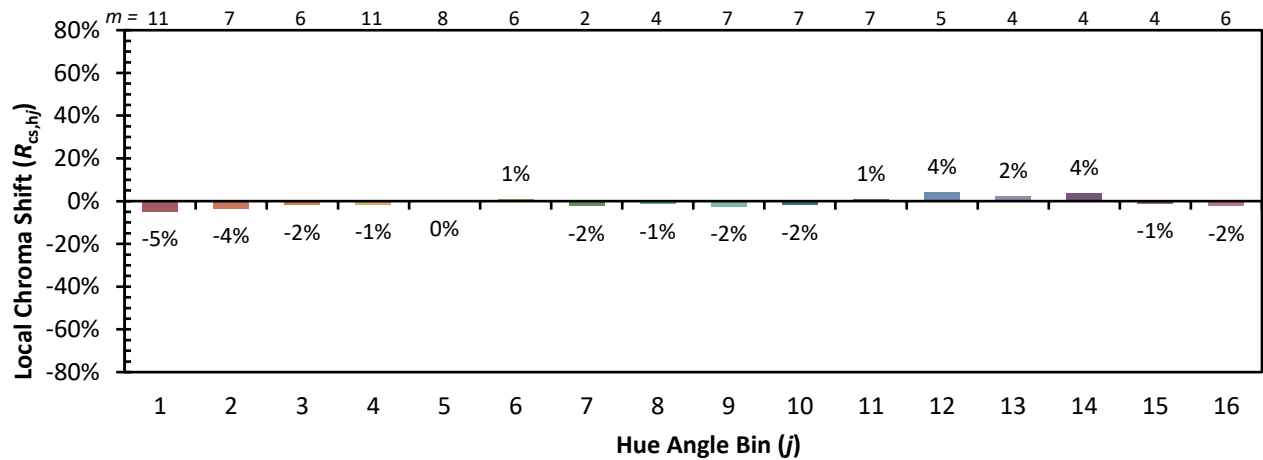
Color Vector Graphics



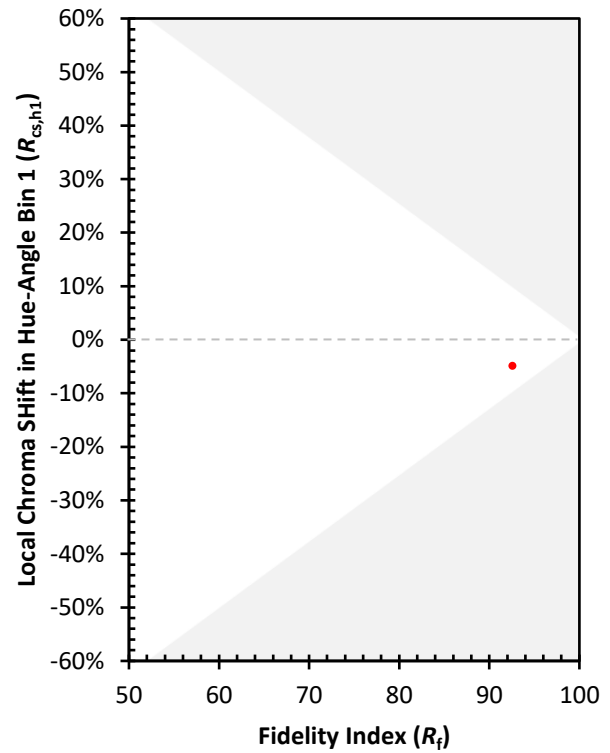
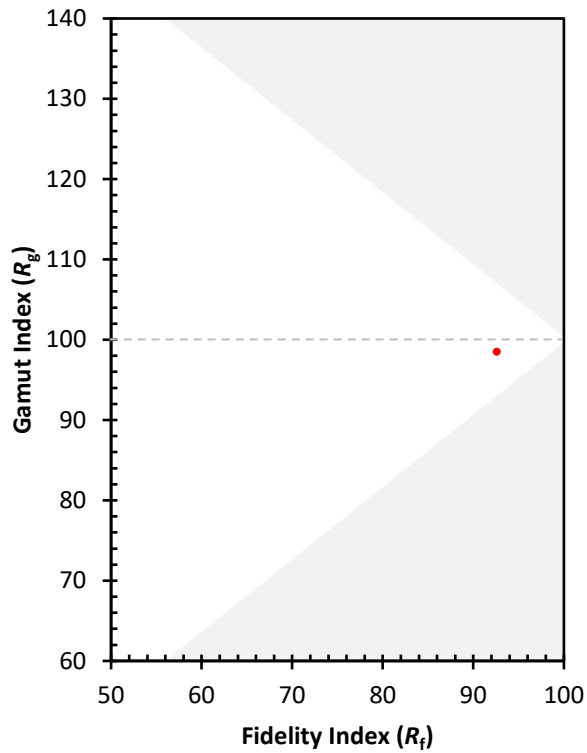
Individual Sample Fidelity Index ($R_{f,i}$)

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)