

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: P1047489

Luminaire Tested: **GALN-SA3A-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047489
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 7950.4 lumens
Efficiency: N/A
Efficacy: 97.7 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): 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

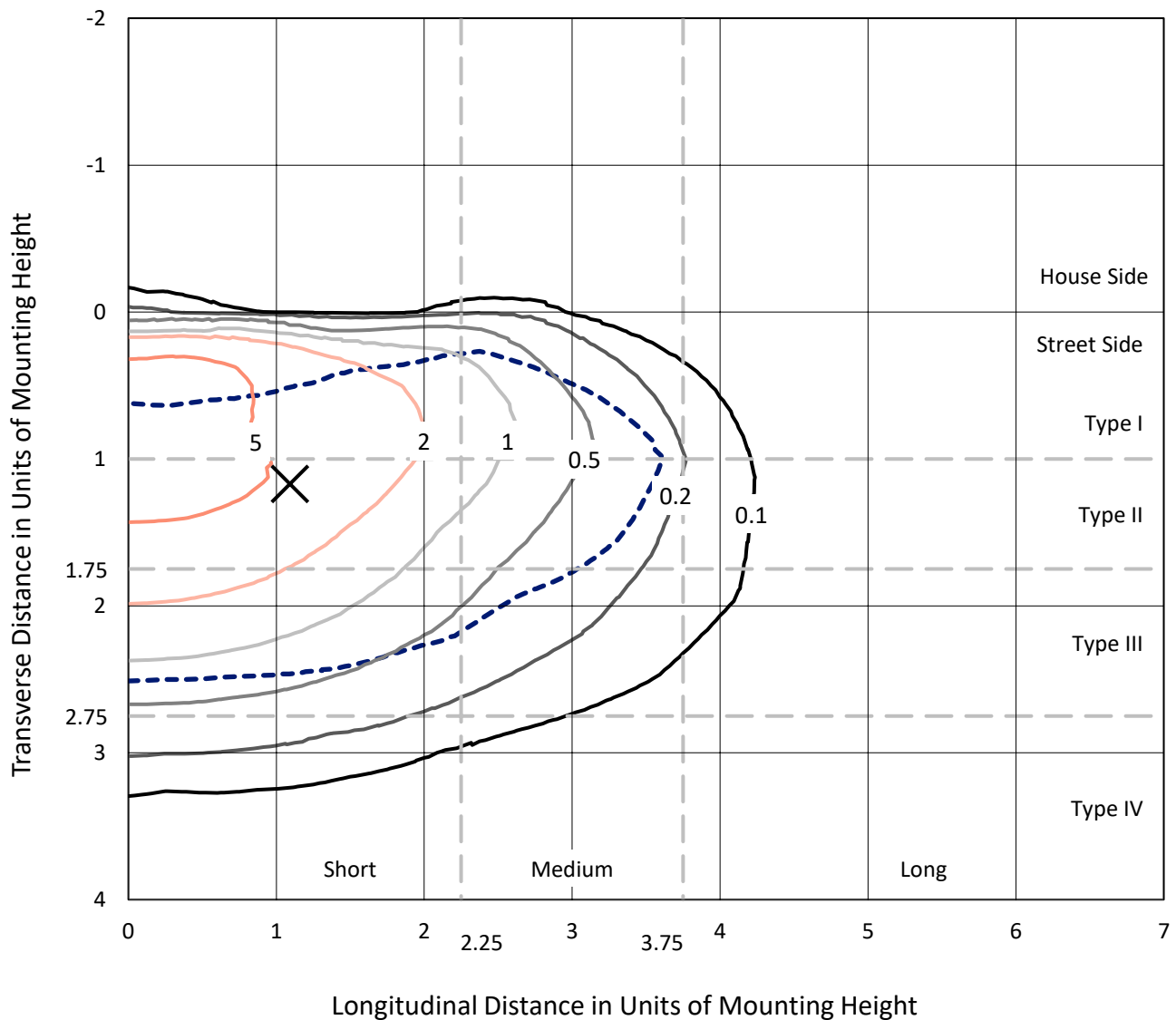


REPORT NUMBER: P1047489

CATALOG NUMBER: GALN-SA3A-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

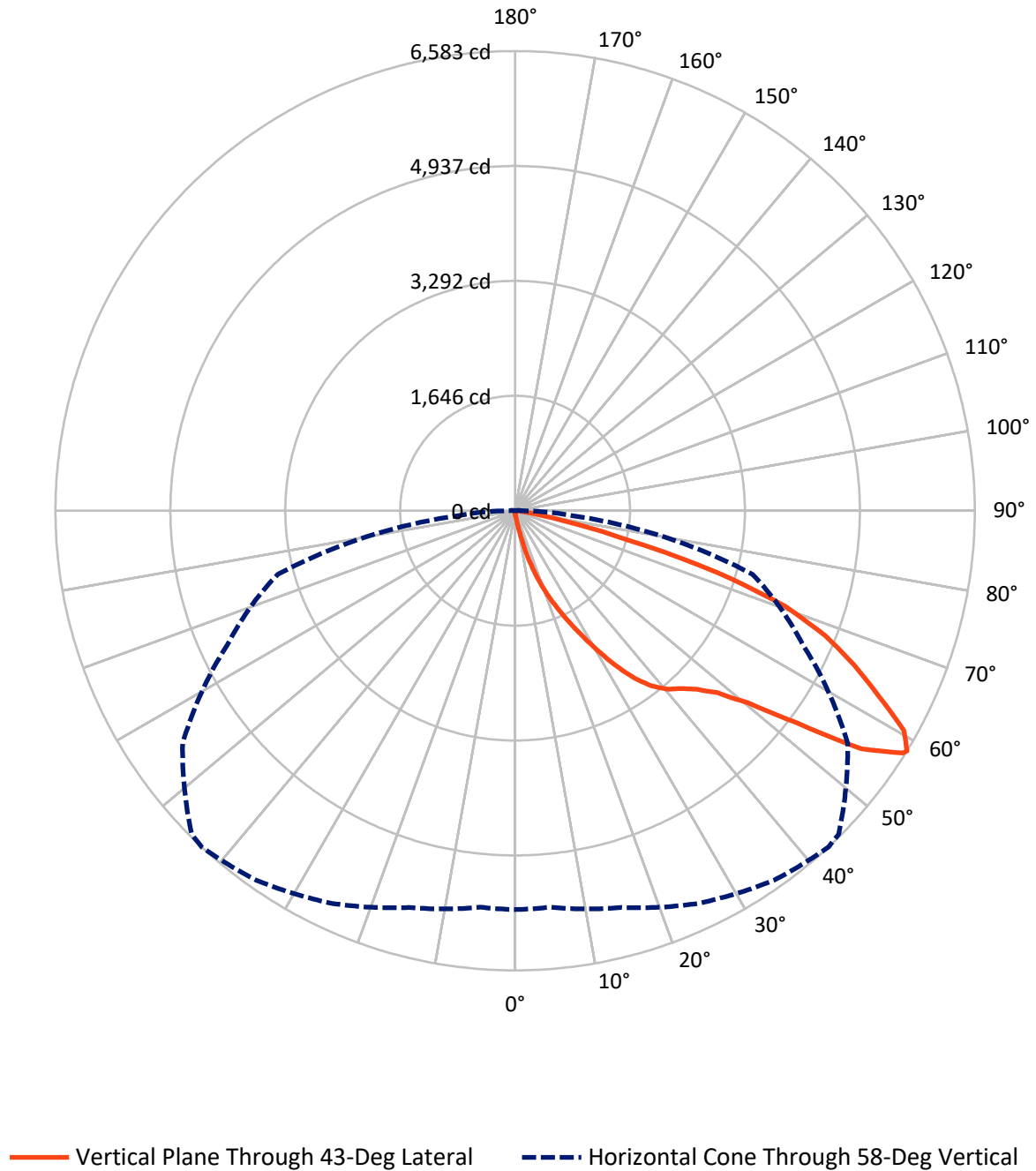


Based on 15 foot mounting height. Maximum calculated value = 8.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047489

CATALOG NUMBER: GALN-SA3A-930-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047489

CATALOG NUMBER: GALN-SA3A-930-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	29.0	0.0	29.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7921.4	0.0	7921.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	7950.4	0.0	7950.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.6	0.1
10°-20°	91.4	1.1
20°-30°	329.4	4.1
30°-40°	753.6	9.5
40°-50°	1271.1	16.0
50°-60°	2097.6	26.4
60°-70°	2344.4	29.5
70°-80°	968.0	12.2
80°-90°	87.3	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°	7950.4	100.0
0°-180°	7950.4	100.0



REPORT NUMBER: P1047489

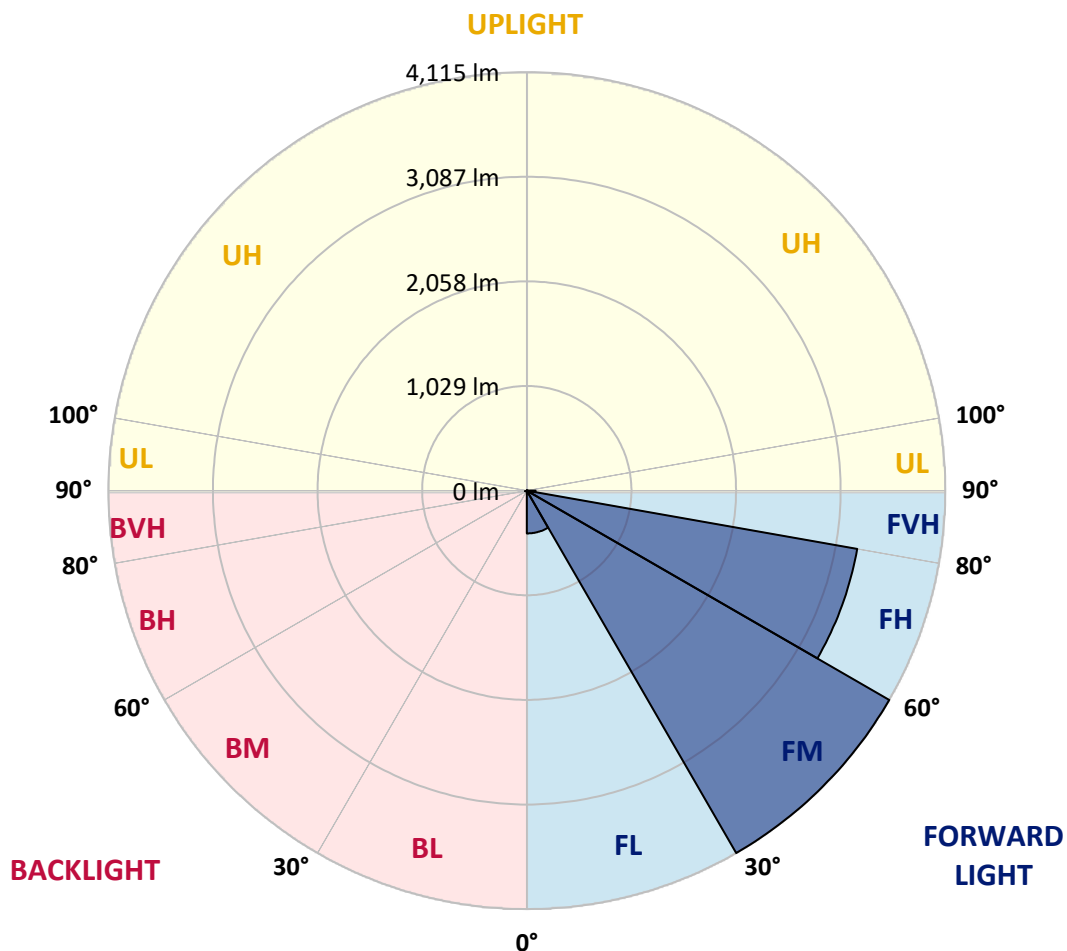
CATALOG NUMBER: GALN-SA3A-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	420.8	5.3			
FM	(30°-60°)	4115.4	51.8			
FH	(60°-80°)	3299.0	41.5			G2/5000
FVH	(80°-90°)	86.1	1.1			G1/100
BL	(0°-30°)	7.6	0.1	B0/110		
BM	(30°-60°)	7.0	0.1	B0/220		
BH	(60°-80°)	13.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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



REPORT NUMBER: P1047489

CATALOG NUMBER: GALN-SA3A-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
2.5°	62.4	64.5	62.4	62.4	62.4	60.3	60.3	58.2	58.2	56.1	54.1
5°	91.5	91.5	85.3	81.1	76.9	74.9	72.8	68.6	64.5	60.3	56.1
7.5°	203.8	203.8	185.1	160.1	126.8	108.1	104.0	85.3	72.8	64.5	56.1
10°	486.6	486.6	445.0	376.4	291.1	216.3	193.4	122.7	87.3	68.6	58.2
12.5°	808.9	819.3	767.3	679.9	553.1	422.1	376.4	224.6	116.4	74.9	58.2
15°	1097.9	1072.9	1058.4	975.2	854.6	698.7	640.4	378.4	168.4	85.3	58.2
17.5°	1293.4	1293.4	1272.6	1216.4	1106.2	969.0	921.2	611.3	272.4	97.7	60.3
20°	1522.1	1522.1	1484.7	1445.2	1347.4	1231.0	1185.2	869.2	422.1	124.8	60.3
22.5°	1798.6	1802.8	1761.2	1690.5	1596.9	1468.0	1428.5	1108.3	611.3	166.3	62.4
25°	2135.5	2139.7	2079.4	2012.8	1869.3	1730.0	1669.7	1382.8	842.1	232.9	62.4
27.5°	2507.7	2536.8	2447.4	2333.0	2181.2	2006.6	1960.8	1630.2	1070.9	328.5	66.5
30°	2971.4	2971.4	2852.9	2692.8	2528.5	2312.2	2254.0	1890.1	1314.2	455.4	70.7
32.5°	3370.6	3339.4	3187.7	3019.2	2844.6	2642.9	2580.5	2162.5	1563.7	613.4	79.0
35°	3676.3	3649.3	3462.1	3281.2	3129.4	2944.4	2869.5	2457.8	1827.8	792.2	91.5
37.5°	3938.3	3927.9	3674.2	3447.6	3347.8	3185.6	3119.0	2736.4	2087.7	985.6	106.0
40°	4225.2	4192.0	3921.7	3641.0	3491.2	3360.2	3299.9	2961.0	2337.2	1212.3	126.8
42.5°	4470.6	4431.1	4187.8	3913.3	3657.6	3480.8	3422.6	3150.2	2580.5	1438.9	153.9
45°	4743.0	4722.2	4476.9	4268.9	3927.9	3645.1	3568.2	3302.0	2803.0	1709.2	189.2
47.5°	5152.6	5115.2	4886.5	4716.0	4320.9	3894.6	3784.4	3458.0	3017.1	1975.4	243.3
50°	5628.8	5603.9	5468.7	5333.5	4940.5	4320.9	4189.9	3682.5	3256.3	2291.4	314.0
52.5°	6017.7	6013.5	6030.1	6032.2	5734.9	5038.3	4842.8	4044.3	3530.7	2603.4	413.8
55°	6009.3	6028.1	6211.0	6421.0	6443.9	6017.7	5828.4	4653.6	3888.4	2988.0	553.1
57.5°	5784.8	5770.2	5963.6	6279.7	6502.1	6547.9	6516.7	5599.7	4426.9	3451.7	767.3
58°	5712.0	5699.5	5882.5	6204.8	6460.6	6583.2	6552.0	5813.9	4547.5	3518.3	825.5
60°	5447.9	5450.0	5558.1	5851.3	6107.1	6398.2	6427.3	6425.2	5148.5	3963.3	1118.7
62.5°	5098.6	5081.9	5181.8	5420.9	5645.4	5840.9	5890.8	6466.8	6028.1	4528.8	1678.0
65°	4616.2	4591.2	4697.3	4967.6	5208.8	5335.6	5337.7	5909.5	6441.8	5136.0	2476.5
67.5°	3720.0	3699.2	3911.3	4258.5	4630.7	4797.1	4871.9	5127.7	6092.5	5547.7	2934.0
70°	2279.0	2322.6	2617.9	3162.7	3799.0	4104.6	4216.9	4295.9	5188.0	5485.3	2453.6
72.5°	1052.2	1000.2	1251.8	1632.3	2358.0	3037.9	3154.4	3464.2	4113.0	4761.7	1829.8
75°	490.7	472.0	530.2	713.2	1068.8	1640.6	1852.7	2765.5	3154.4	3312.4	1320.4
77.5°	251.6	253.7	301.5	324.4	440.8	759.0	871.2	1819.4	2312.2	1848.5	885.8
80°	110.2	114.4	116.4	126.8	178.8	293.2	330.6	844.2	1580.3	941.9	484.5
82.5°	70.7	72.8	72.8	72.8	85.3	116.4	133.1	338.9	788.1	467.9	149.7
85°	37.4	37.4	41.6	52.0	60.3	70.7	74.9	108.1	259.9	139.3	35.3
87.5°	20.8	22.9	25.0	31.2	39.5	47.8	52.0	74.9	99.8	95.7	8.3
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: P1047489

CATALOG NUMBER: GALN-SA3A-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
2.5°	54.1	52.0	49.9	47.8	45.7	43.7	43.7	43.7	43.7	43.7	43.7
5°	52.0	49.9	47.8	43.7	39.5	37.4	35.3	33.3	33.3	33.3	33.3
7.5°	52.0	49.9	43.7	39.5	35.3	31.2	27.0	27.0	27.0	27.0	27.0
10°	52.0	47.8	41.6	35.3	29.1	25.0	22.9	20.8	20.8	20.8	20.8
12.5°	52.0	45.7	39.5	31.2	25.0	20.8	18.7	16.6	16.6	16.6	16.6
15°	52.0	45.7	37.4	29.1	22.9	16.6	14.6	12.5	12.5	12.5	12.5
17.5°	49.9	43.7	35.3	25.0	18.7	12.5	10.4	8.3	8.3	10.4	10.4
20°	47.8	41.6	31.2	20.8	14.6	10.4	6.2	6.2	6.2	6.2	6.2
22.5°	47.8	41.6	29.1	18.7	12.5	6.2	4.2	4.2	4.2	4.2	6.2
25°	47.8	39.5	25.0	14.6	8.3	4.2	2.1	2.1	2.1	2.1	2.1
27.5°	47.8	39.5	22.9	12.5	6.2	4.2	2.1	0.0	0.0	0.0	0.0
30°	45.7	37.4	20.8	10.4	4.2	2.1	0.0	0.0	0.0	0.0	0.0
32.5°	45.7	35.3	16.6	8.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0
35°	47.8	33.3	14.6	6.2	2.1	0.0	0.0	0.0	0.0	0.0	2.1
37.5°	49.9	31.2	12.5	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	52.0	29.1	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	56.1	29.1	10.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	60.3	29.1	8.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	68.6	31.2	8.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	74.9	33.3	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	83.2	31.2	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	93.6	31.2	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	101.9	29.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	106.0	27.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	126.8	25.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	197.5	20.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	401.3	18.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	748.6	16.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	838.0	18.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	528.2	14.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	278.6	14.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	139.3	14.6	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	64.5	10.4	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	27.0	6.2	4.2	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.5	6.2	4.2	4.2	2.1	2.1	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	6.2	6.2	4.2	4.2	2.1	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

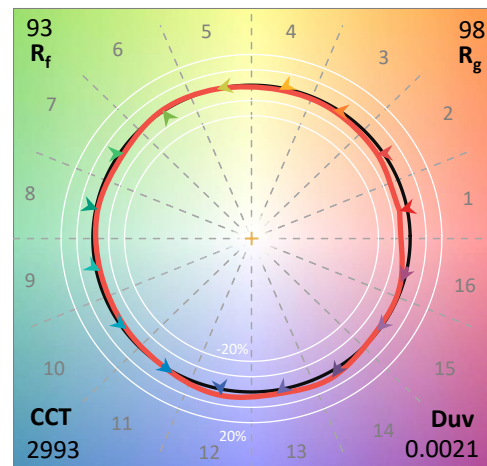
Test Information

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

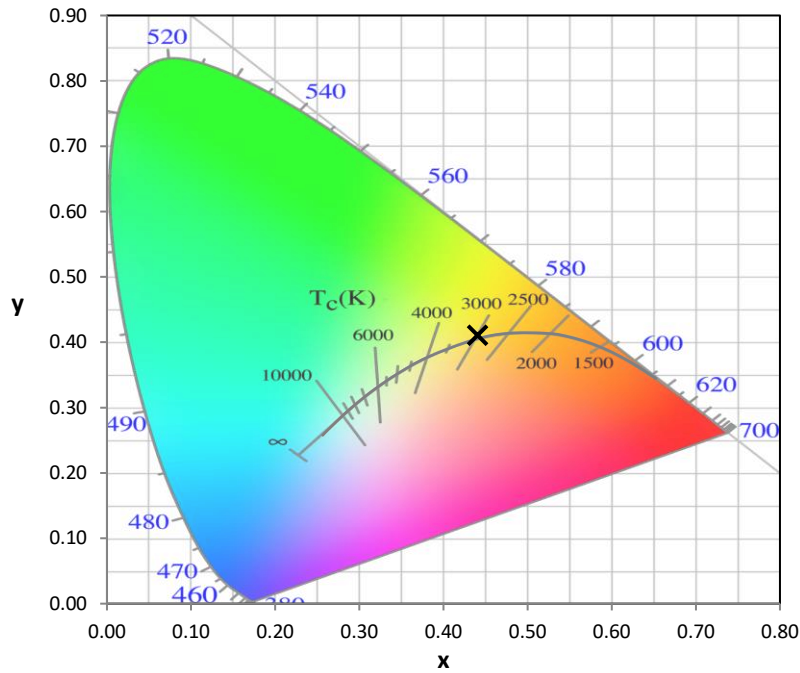
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

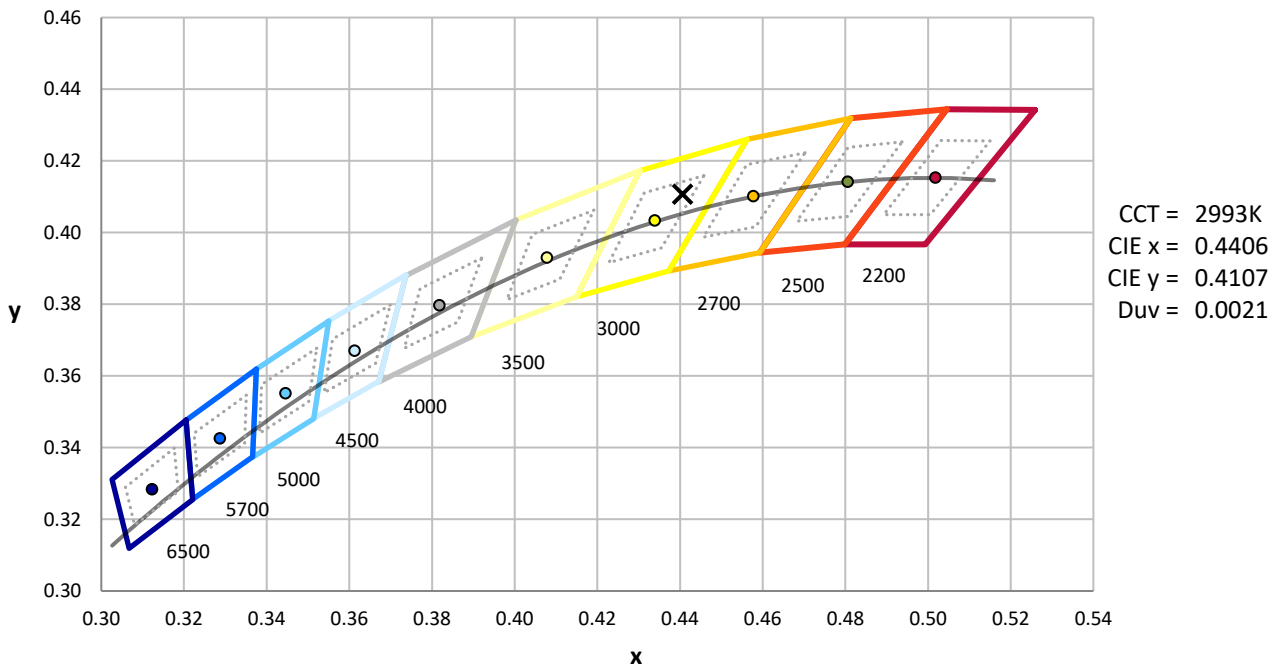
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



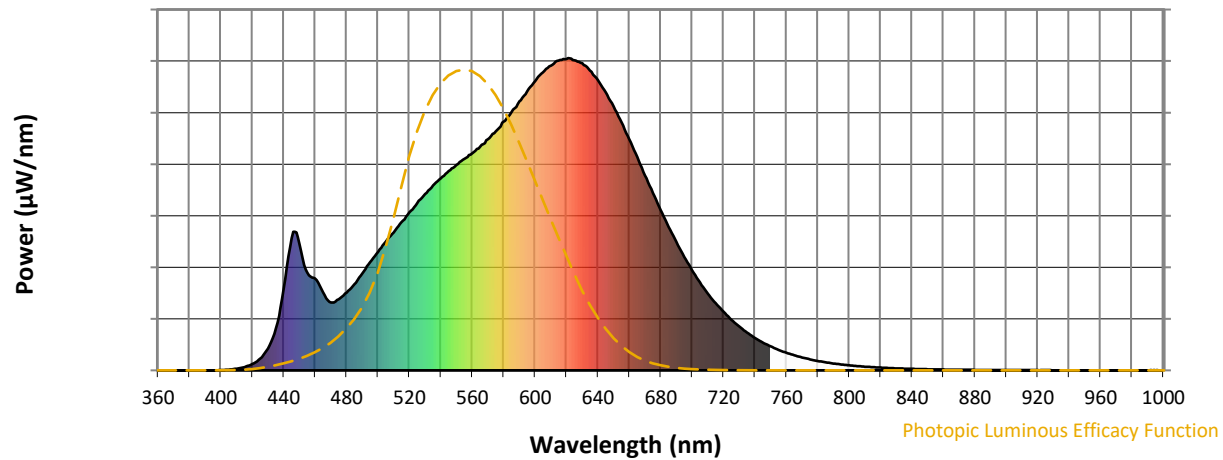
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

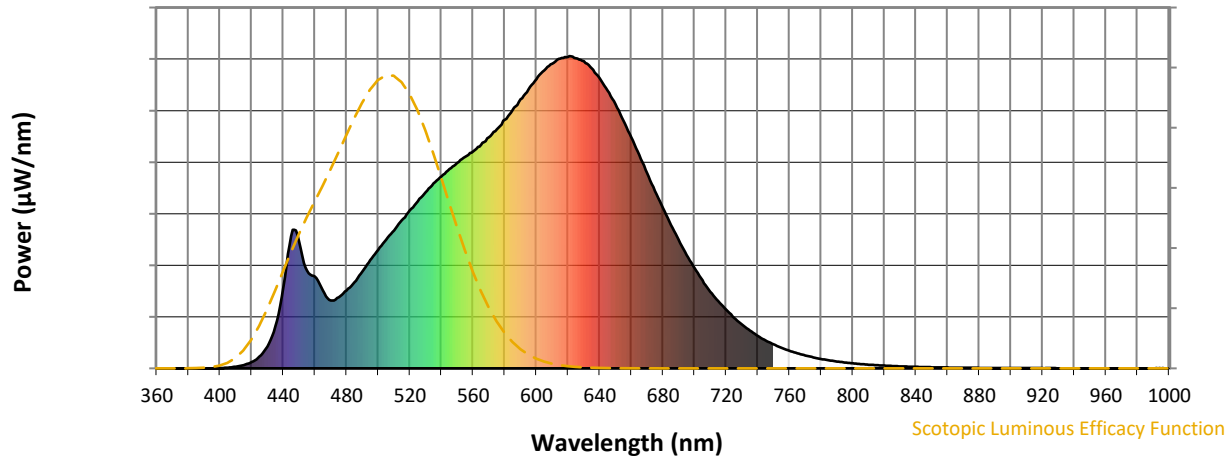


Photopic Lumens: NR

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



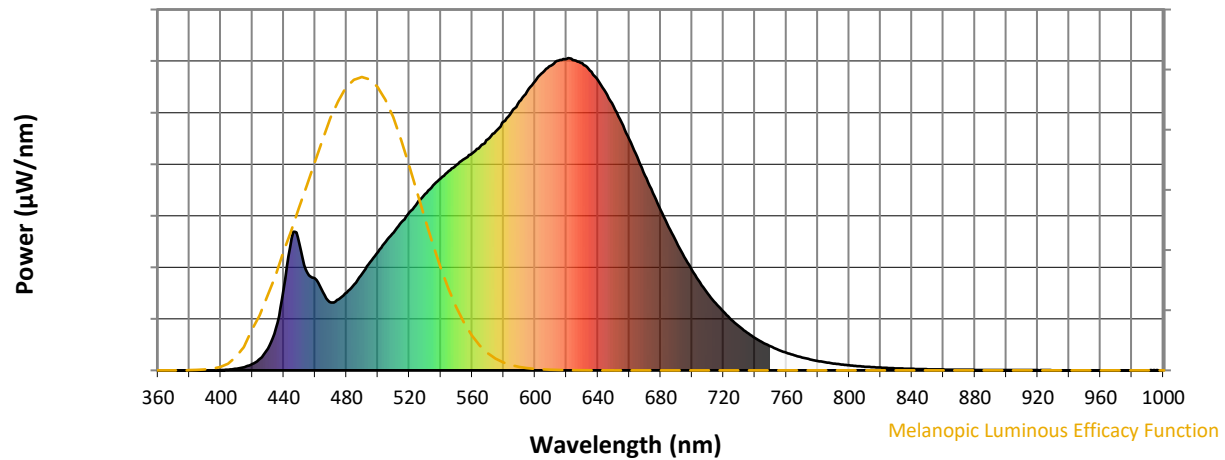
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

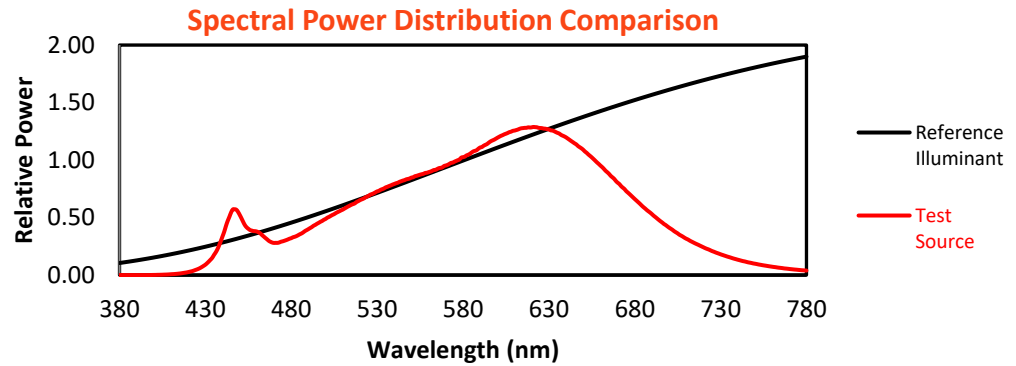
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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

REPORT NUMBER: SP1-2407-184-14

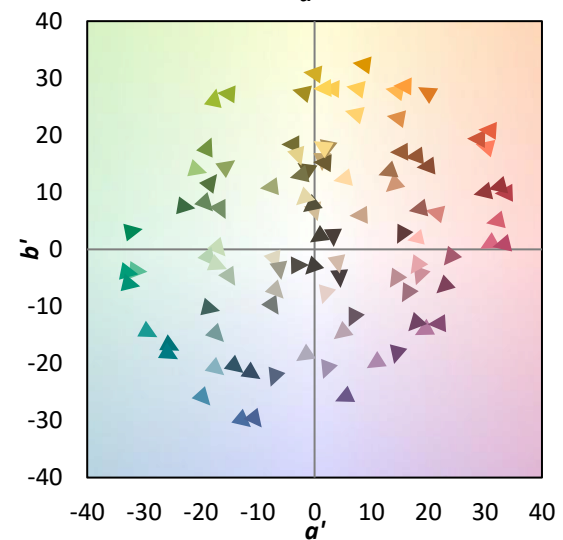
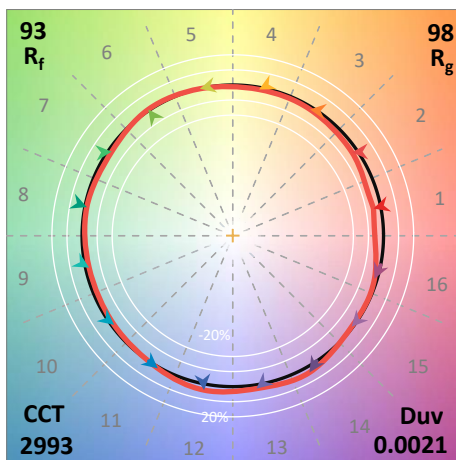
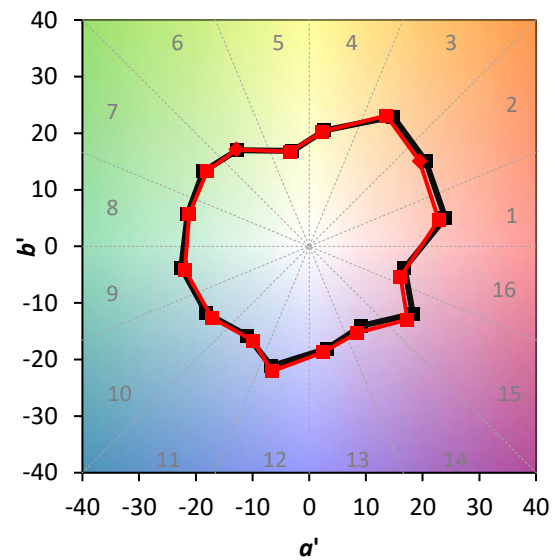
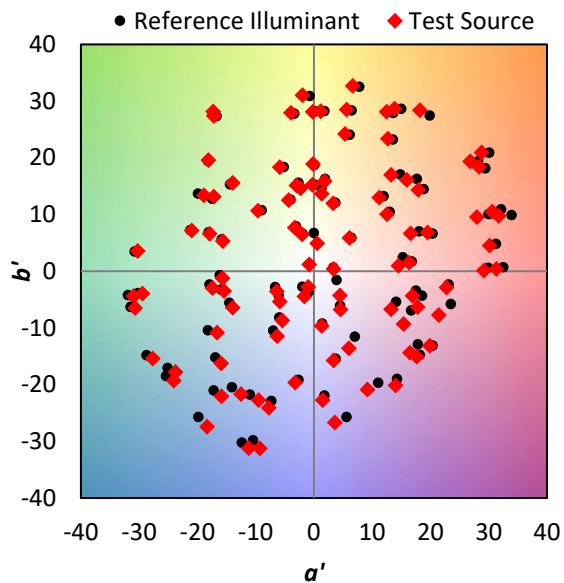
TM-30-18

Summary

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

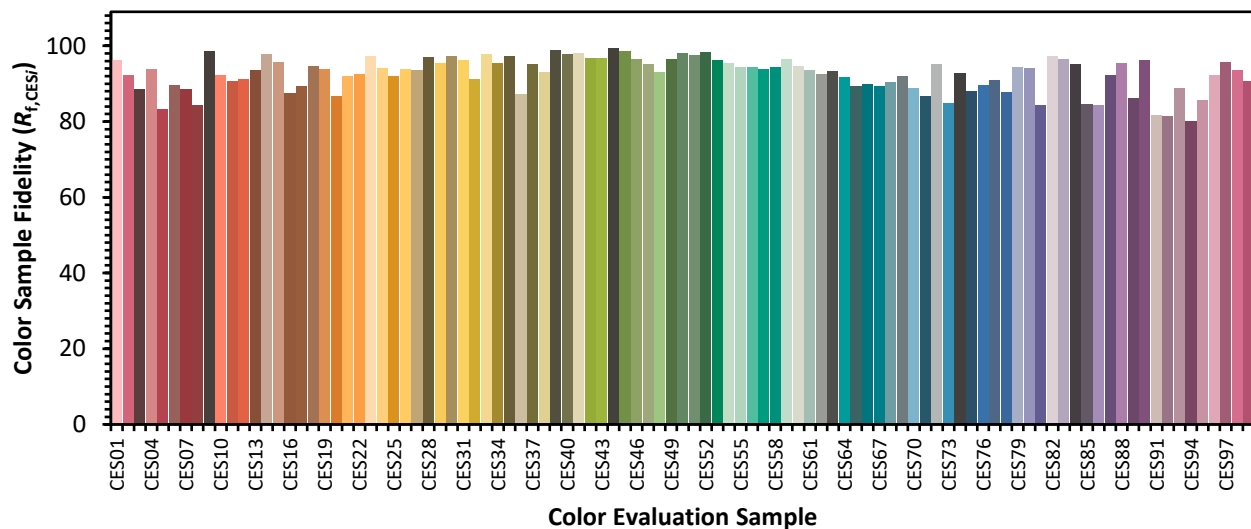


Color Vector Graphics

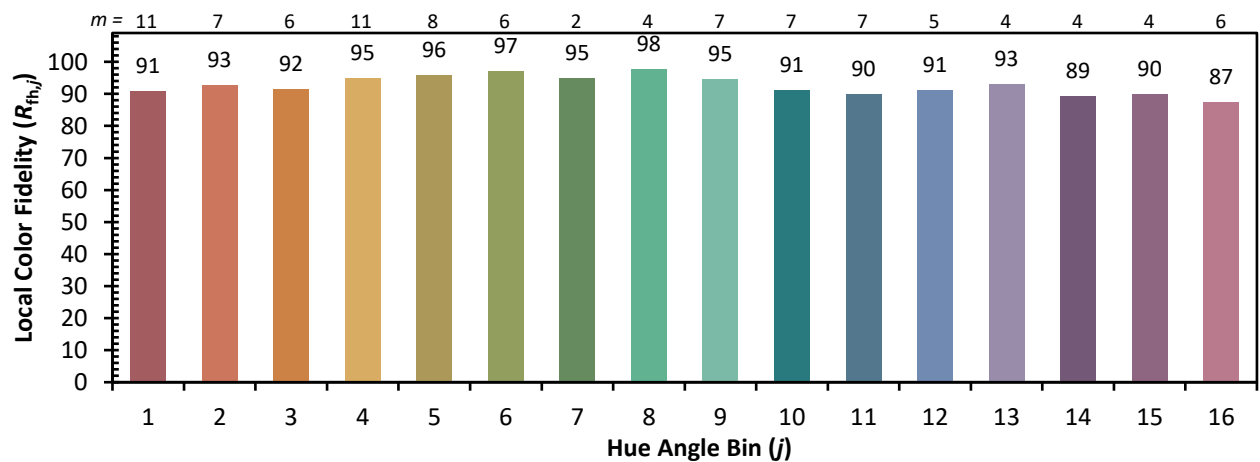
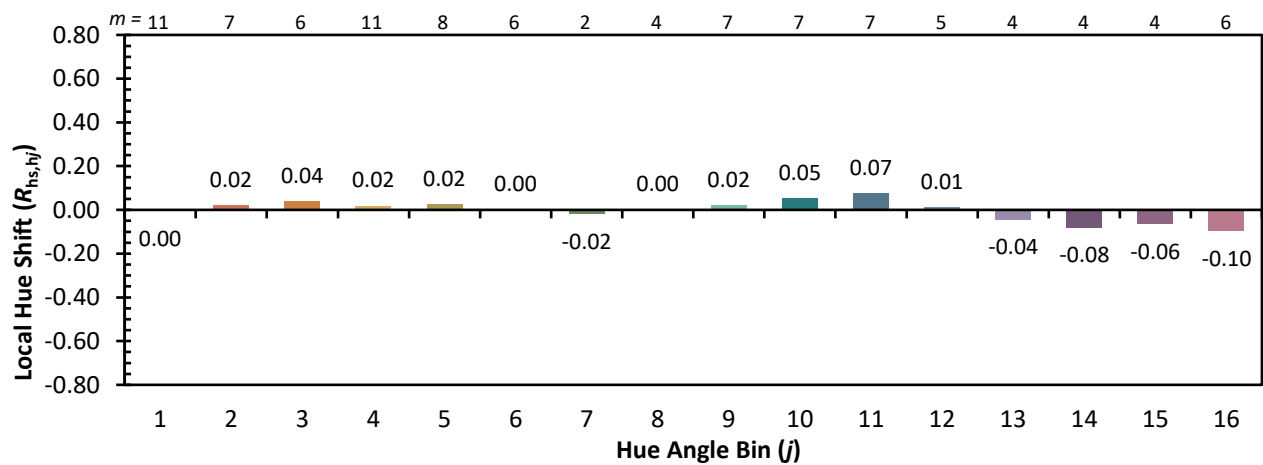
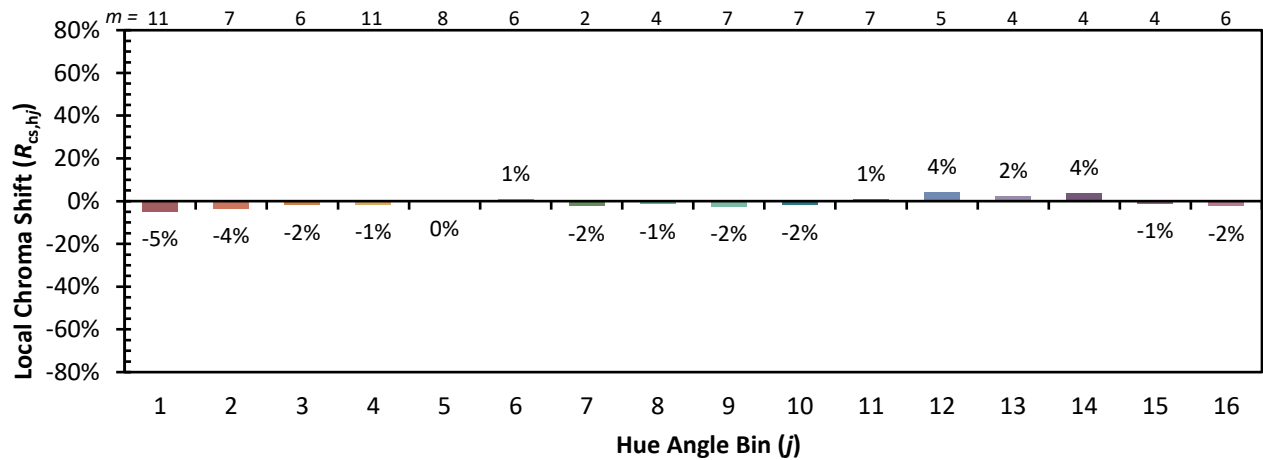


Individual Sample Fidelity Index ($R_{f,i}$)

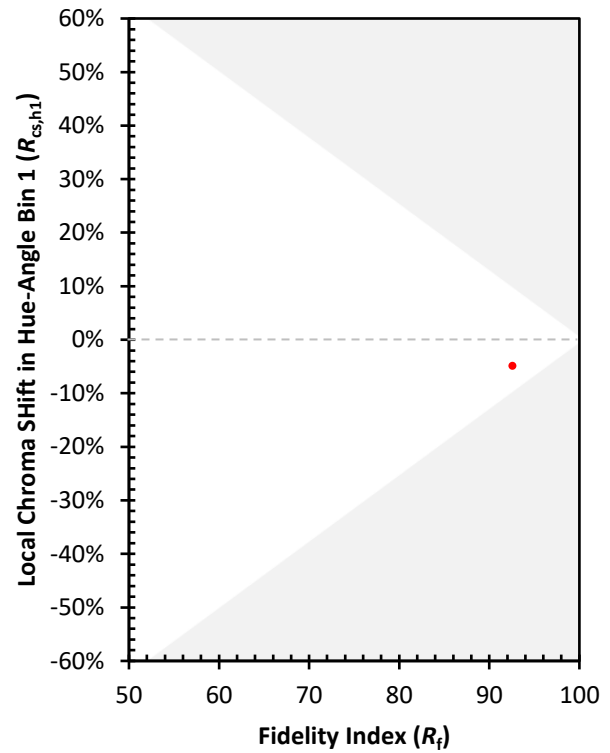
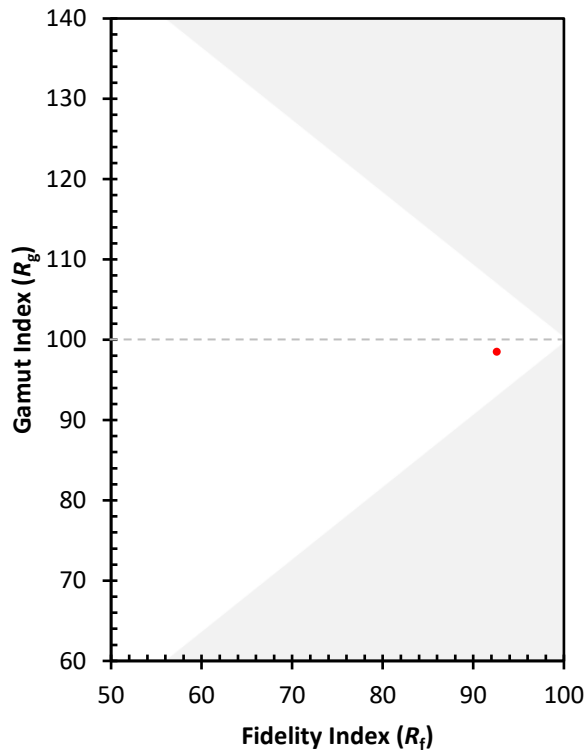
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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