

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: P1047477

Luminaire Tested: **GALN-SA9A-927-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047477
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-927-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21090.2 lumens
Efficiency: N/A
Efficacy: 86.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 244.6
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

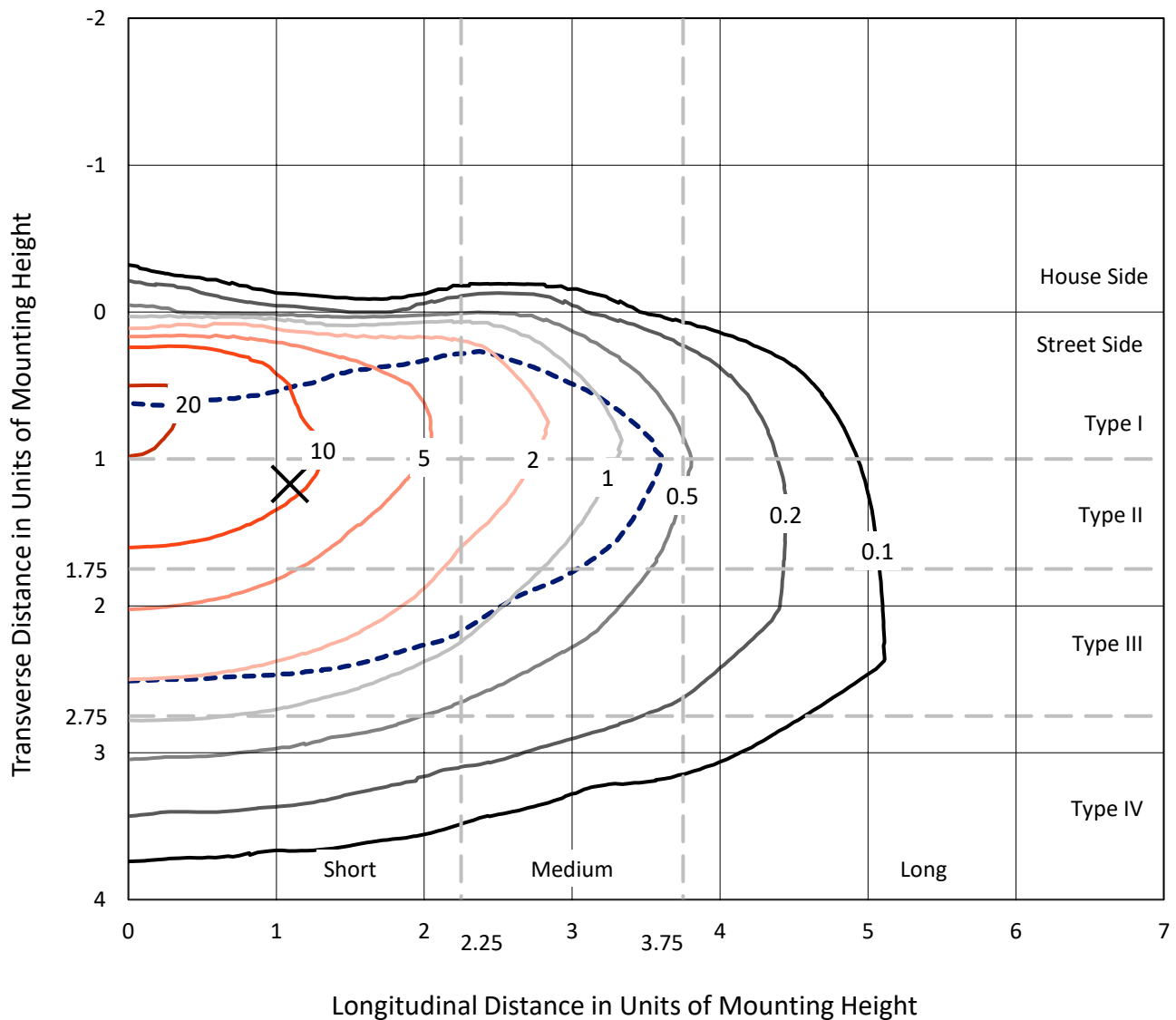


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

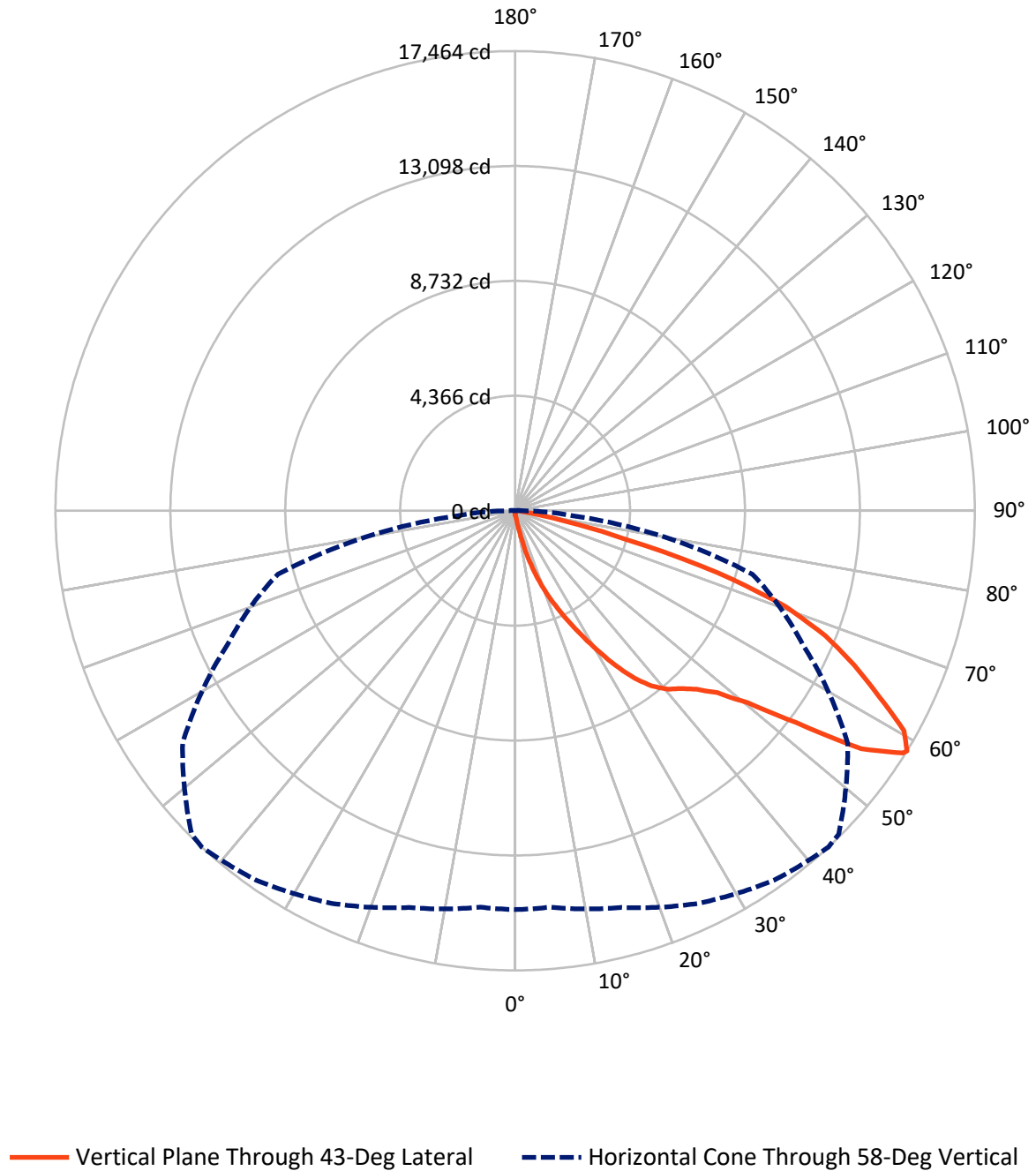


Based on 15 foot mounting height. Maximum calculated value = 23.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.0	0.0	77.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21013.2	0.0	21013.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	21090.2	0.0	21090.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	0.1
10°-20°	242.4	1.1
20°-30°	873.8	4.1
30°-40°	1999.2	9.5
40°-50°	3371.9	16.0
50°-60°	5564.4	26.4
60°-70°	6219.0	29.5
70°-80°	2567.7	12.2
80°-90°	231.5	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°	21090.2	100.0
0°-180°	21090.2	100.0



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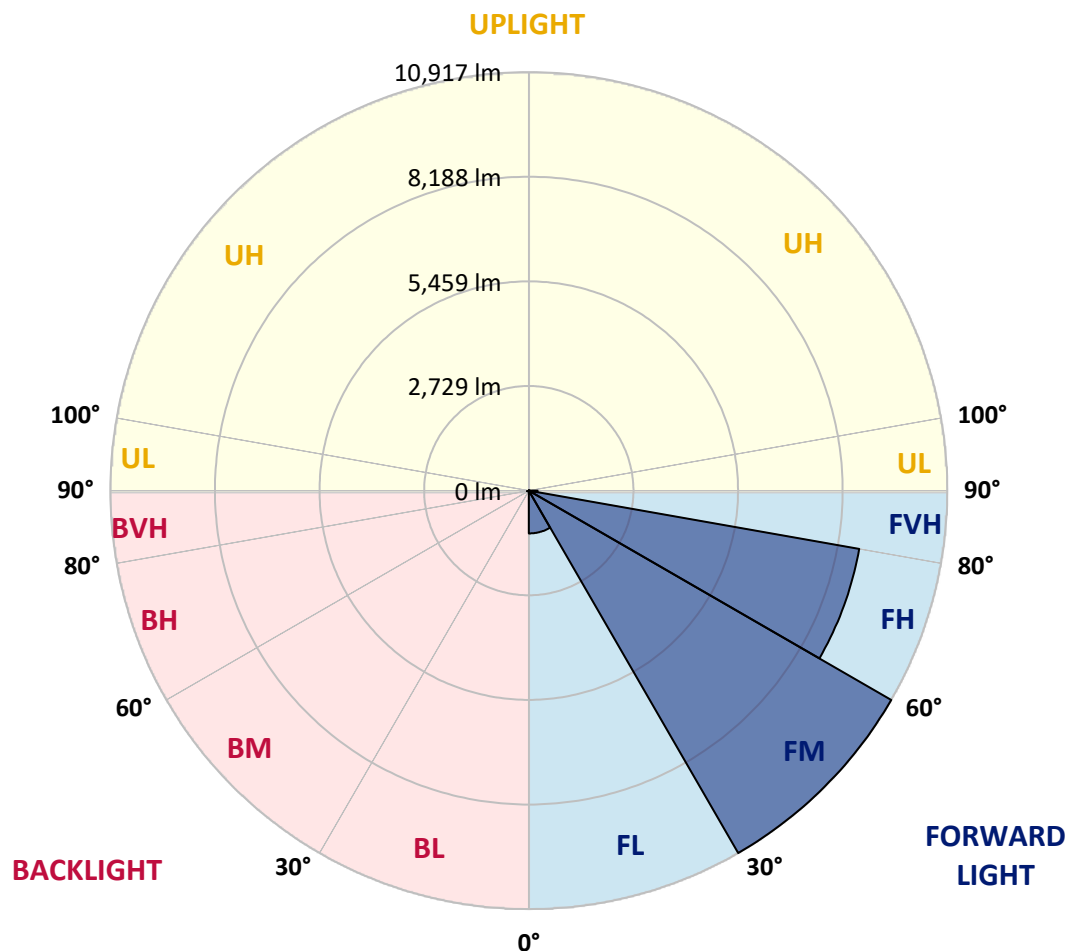
CATALOG NUMBER: GALN-SA9A-927-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1116.3	5.3			
FM	(30°-60°)	10917.1	51.8			
FH	(60°-80°)	8751.4	41.5			G4/12000
FVH	(80°-90°)	228.3	1.1			G3/500
BL	(0°-30°)	20.1	0.1	B0/110		
BM	(30°-60°)	18.5	0.1	B0/220		
BH	(60°-80°)	35.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9
2.5°	165.5	171.0	165.5	165.5	165.5	160.0	160.0	154.4	154.4	148.9	143.4
5°	242.7	242.7	226.2	215.1	204.1	198.6	193.1	182.0	171.0	160.0	148.9
7.5°	540.6	540.6	490.9	424.7	336.5	286.8	275.8	226.2	193.1	171.0	148.9
10°	1290.7	1290.7	1180.4	998.4	772.2	573.7	513.0	325.4	231.7	182.0	154.4
12.5°	2145.7	2173.3	2035.4	1803.7	1467.2	1119.7	998.4	595.7	308.9	198.6	154.4
15°	2912.4	2846.2	2807.6	2587.0	2267.1	1853.4	1698.9	1003.9	446.8	226.2	154.4
17.5°	3430.9	3430.9	3375.8	3226.8	2934.5	2570.4	2443.6	1621.7	722.6	259.2	160.0
20°	4037.7	4037.7	3938.4	3833.6	3574.3	3265.4	3144.1	2305.7	1119.7	331.0	160.0
22.5°	4771.3	4782.3	4672.0	4484.5	4236.3	3894.3	3789.5	2940.0	1621.7	441.3	165.5
25°	5664.9	5675.9	5516.0	5339.4	4958.8	4589.3	4429.3	3668.1	2234.0	617.8	165.5
27.5°	6652.2	6729.5	6492.3	6188.9	5786.2	5322.9	5201.5	4324.5	2840.7	871.5	176.5
30°	7882.3	7882.3	7567.9	7143.2	6707.4	6133.7	5979.3	5014.0	3486.1	1208.0	187.5
32.5°	8941.4	8858.6	8456.0	8009.2	7545.8	7010.8	6845.3	5736.6	4148.0	1627.2	209.6
35°	9752.2	9680.5	9184.1	8704.2	8301.5	7810.6	7612.0	6519.9	4848.5	2101.6	242.7
37.5°	10447.2	10419.6	9746.7	9145.5	8880.7	8450.4	8273.9	7259.0	5538.0	2614.6	281.3
40°	11208.4	11120.2	10403.1	9658.4	9261.3	8913.8	8753.8	7854.7	6199.9	3215.8	336.5
42.5°	11859.3	11754.5	11109.1	10381.0	9702.6	9233.7	9079.3	8356.7	6845.3	3817.0	408.2
45°	12581.9	12526.7	11875.8	11324.3	10419.6	9669.5	9465.4	8759.3	7435.5	4534.1	502.0
47.5°	13668.5	13569.2	12962.5	12510.2	11462.2	10331.4	10039.0	9173.0	8003.6	5240.2	645.4
50°	14931.7	14865.5	14507.0	14148.4	13105.9	11462.2	11114.6	9768.8	8638.0	6078.6	832.9
52.5°	15963.2	15952.1	15996.3	16001.8	15213.0	13365.2	12846.7	10728.5	9366.1	6906.0	1097.7
55°	15941.1	15990.7	16476.2	17033.3	17093.9	15963.2	15461.2	12344.7	10314.8	7926.4	1467.2
57.5°	15345.4	15306.8	15819.8	16658.2	17248.4	17369.7	17287.0	14854.5	11743.5	9156.5	2035.4
58°	15152.3	15119.2	15604.6	16459.6	17138.1	17463.5	17380.8	15422.6	12063.4	9333.0	2189.8
60°	14451.8	14457.3	14744.1	15521.9	16200.4	16972.6	17049.8	17044.3	13657.5	10513.4	2967.6
62.5°	13525.1	13481.0	13745.8	14380.1	14975.8	15494.3	15626.7	17154.6	15990.7	12013.7	4451.4
65°	12245.4	12179.2	12460.5	13177.6	13817.5	14153.9	14159.5	15676.3	17088.4	13624.4	6569.5
67.5°	9868.0	9812.9	10375.5	11296.7	12284.0	12725.3	12923.9	13602.3	16161.7	14716.6	7783.0
70°	6045.5	6161.3	6944.6	8389.8	10077.6	10888.5	11186.4	11396.0	13762.3	14551.1	6508.8
72.5°	2791.1	2653.2	3320.6	4330.0	6255.1	8058.8	8367.7	9189.6	10910.6	12631.5	4854.0
75°	1301.8	1252.1	1406.6	1892.0	2835.2	4352.1	4914.7	7336.2	8367.7	8786.9	3502.6
77.5°	667.4	672.9	799.8	860.5	1169.4	2013.3	2311.2	4826.5	6133.7	4903.7	2349.8
80°	292.3	303.4	308.9	336.5	474.4	777.7	877.0	2239.5	4192.1	2498.7	1285.2
82.5°	187.5	193.1	193.1	193.1	226.2	308.9	353.0	899.1	2090.5	1241.1	397.1
85°	99.3	99.3	110.3	137.9	160.0	187.5	198.6	286.8	689.5	369.6	93.8
87.5°	55.2	60.7	66.2	82.7	104.8	126.9	137.9	198.6	264.8	253.7	22.1
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°	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9
2.5°	143.4	137.9	132.4	126.9	121.4	115.8	115.8	115.8	115.8	115.8	115.8
5°	137.9	132.4	126.9	115.8	104.8	99.3	93.8	88.3	88.3	88.3	88.3
7.5°	137.9	132.4	115.8	104.8	93.8	82.7	71.7	71.7	71.7	71.7	71.7
10°	137.9	126.9	110.3	93.8	77.2	66.2	60.7	55.2	55.2	55.2	55.2
12.5°	137.9	121.4	104.8	82.7	66.2	55.2	49.6	44.1	44.1	44.1	44.1
15°	137.9	121.4	99.3	77.2	60.7	44.1	38.6	33.1	33.1	33.1	33.1
17.5°	132.4	115.8	93.8	66.2	49.6	33.1	27.6	22.1	22.1	27.6	27.6
20°	126.9	110.3	82.7	55.2	38.6	27.6	16.5	16.5	16.5	16.5	16.5
22.5°	126.9	110.3	77.2	49.6	33.1	16.5	11.0	11.0	11.0	11.0	16.5
25°	126.9	104.8	66.2	38.6	22.1	11.0	5.5	5.5	5.5	5.5	5.5
27.5°	126.9	104.8	60.7	33.1	16.5	11.0	5.5	0.0	0.0	0.0	0.0
30°	121.4	99.3	55.2	27.6	11.0	5.5	0.0	0.0	0.0	0.0	0.0
32.5°	121.4	93.8	44.1	22.1	11.0	5.5	0.0	0.0	0.0	0.0	0.0
35°	126.9	88.3	38.6	16.5	5.5	0.0	0.0	0.0	0.0	0.0	5.5
37.5°	132.4	82.7	33.1	11.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	137.9	77.2	33.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.9	77.2	27.6	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	160.0	77.2	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	182.0	82.7	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	198.6	88.3	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	220.6	82.7	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	248.2	82.7	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	270.3	77.2	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	281.3	71.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	336.5	66.2	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	524.0	55.2	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1064.6	49.6	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1985.7	44.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2222.9	49.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1401.1	38.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	739.1	38.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	369.6	38.6	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	171.0	27.6	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	71.7	16.5	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.1	16.5	11.0	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0
87.5°	16.5	16.5	16.5	11.0	11.0	5.5	5.5	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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

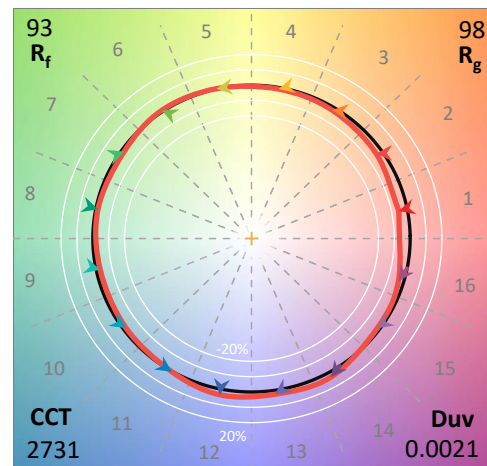
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

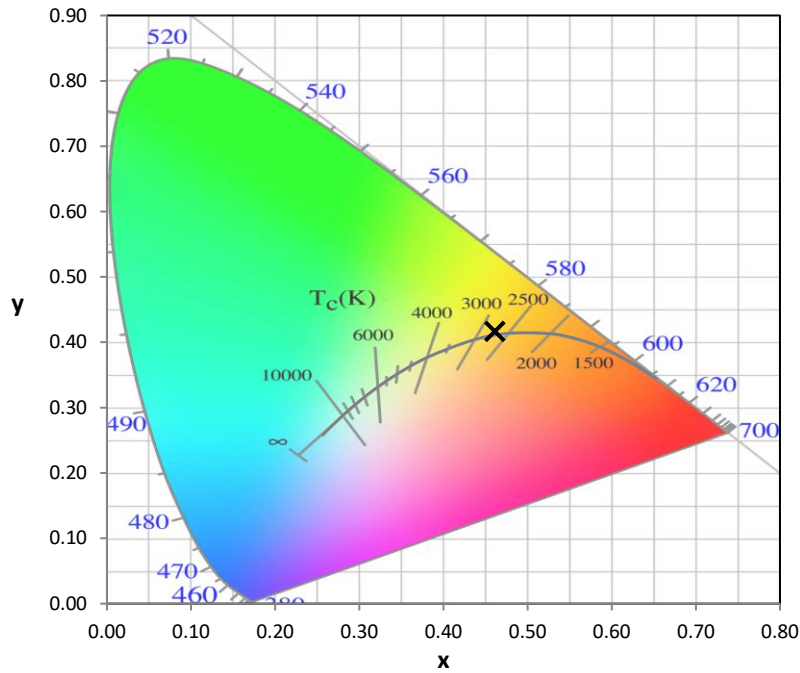
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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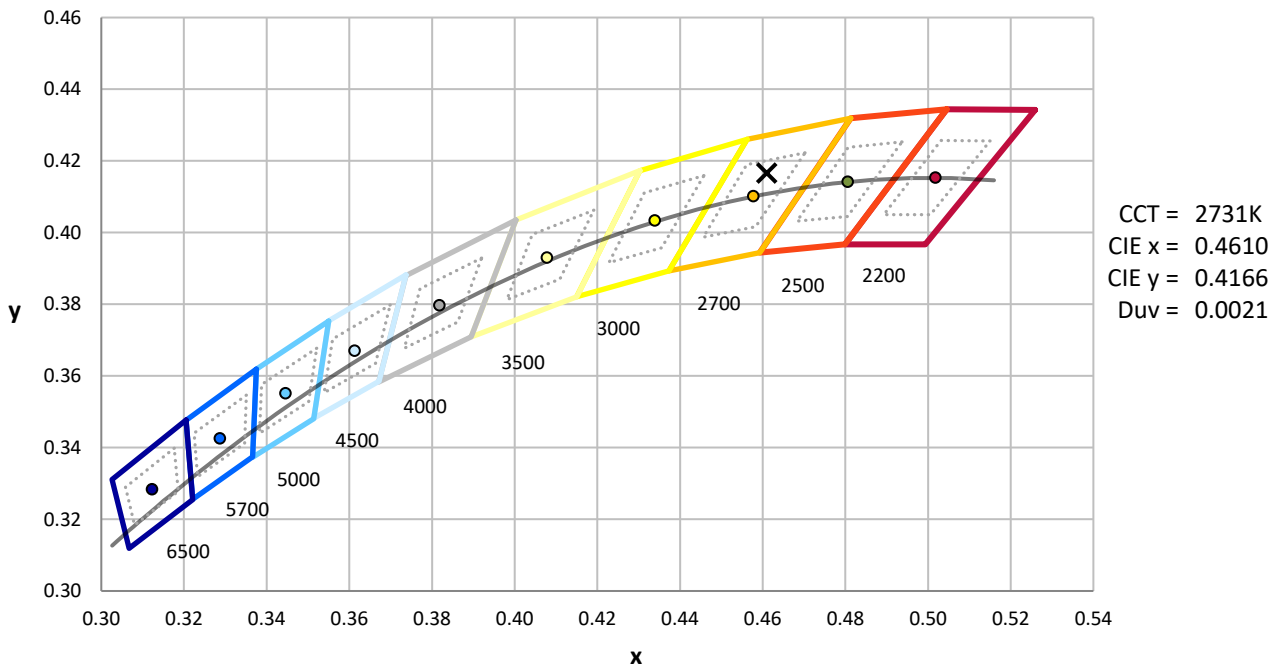
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

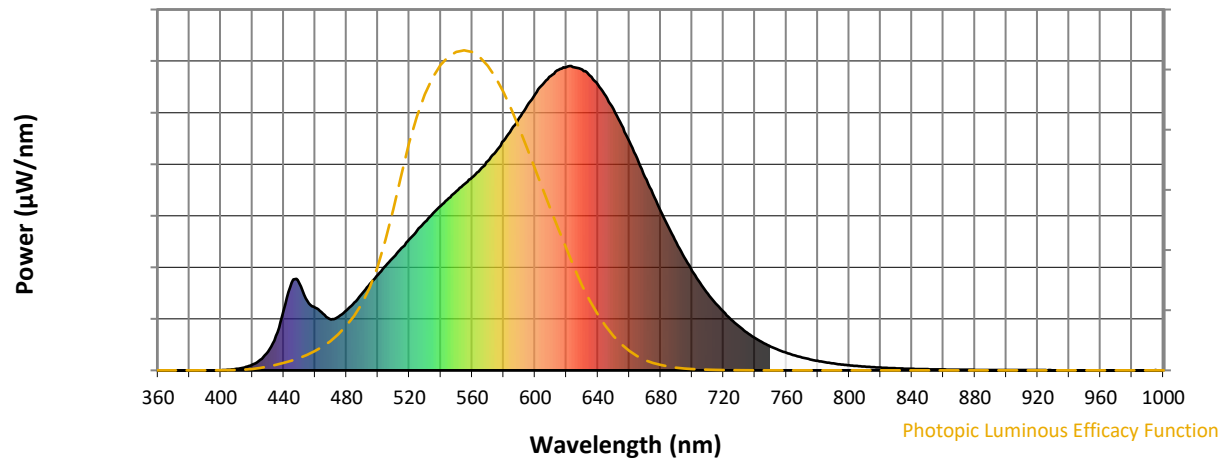


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

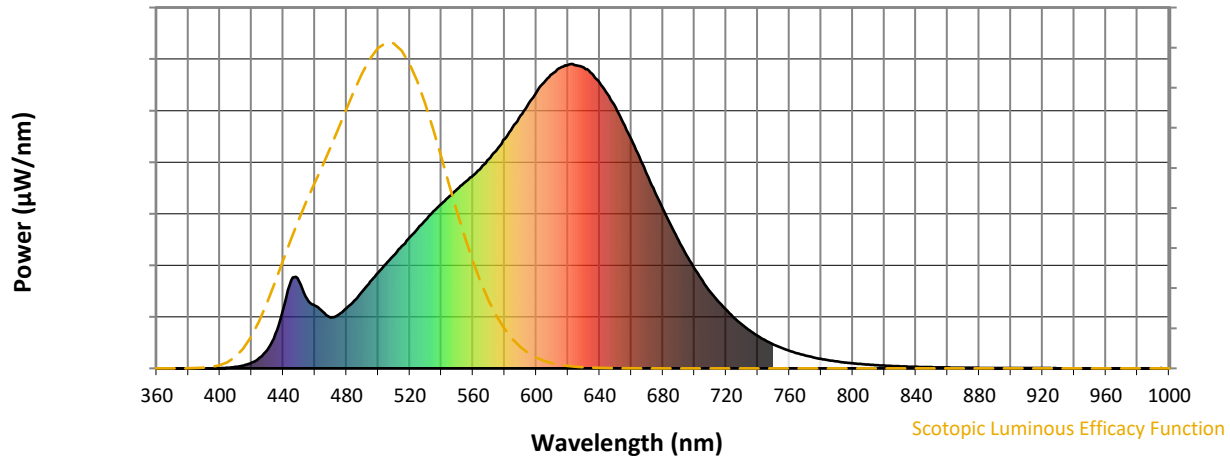


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



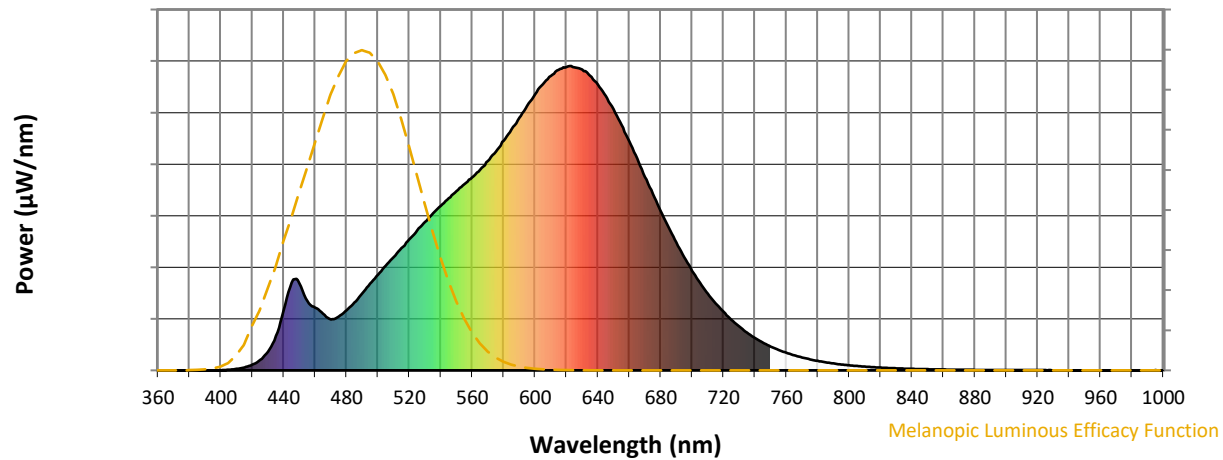
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

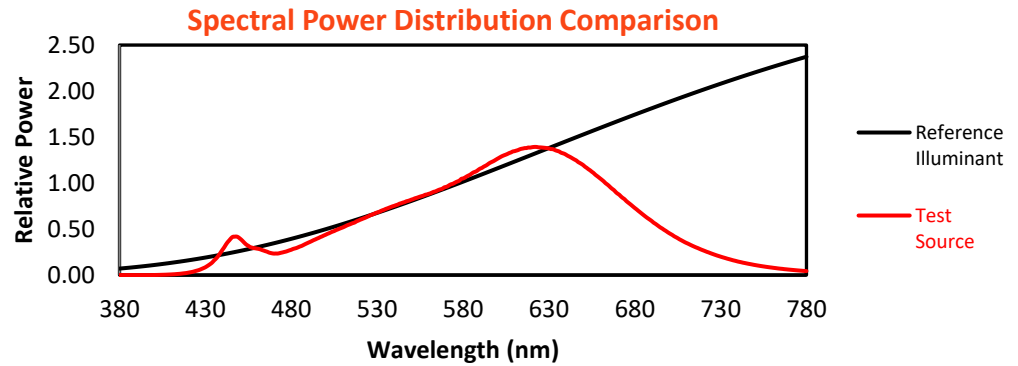
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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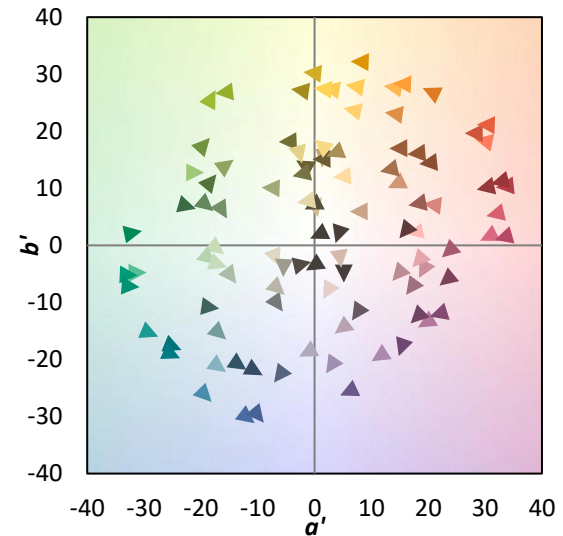
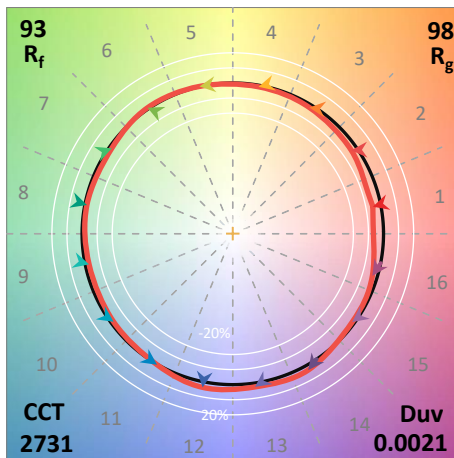
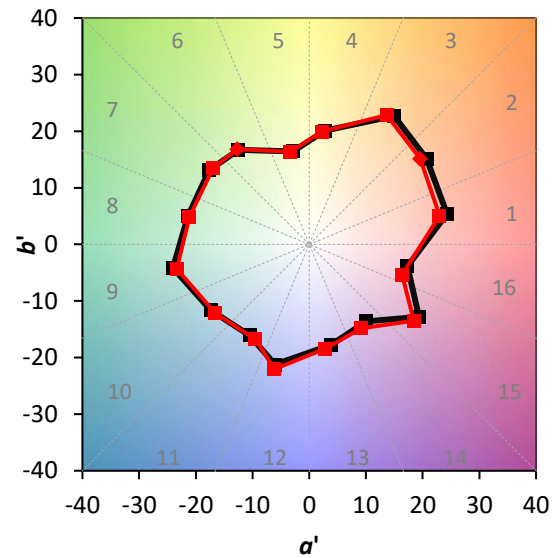
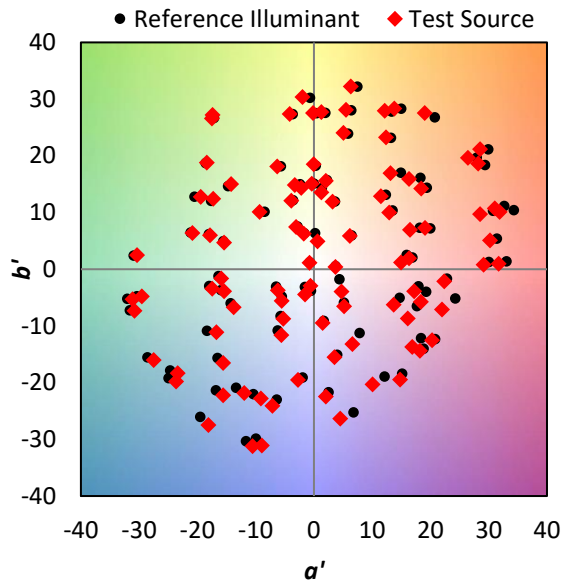
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

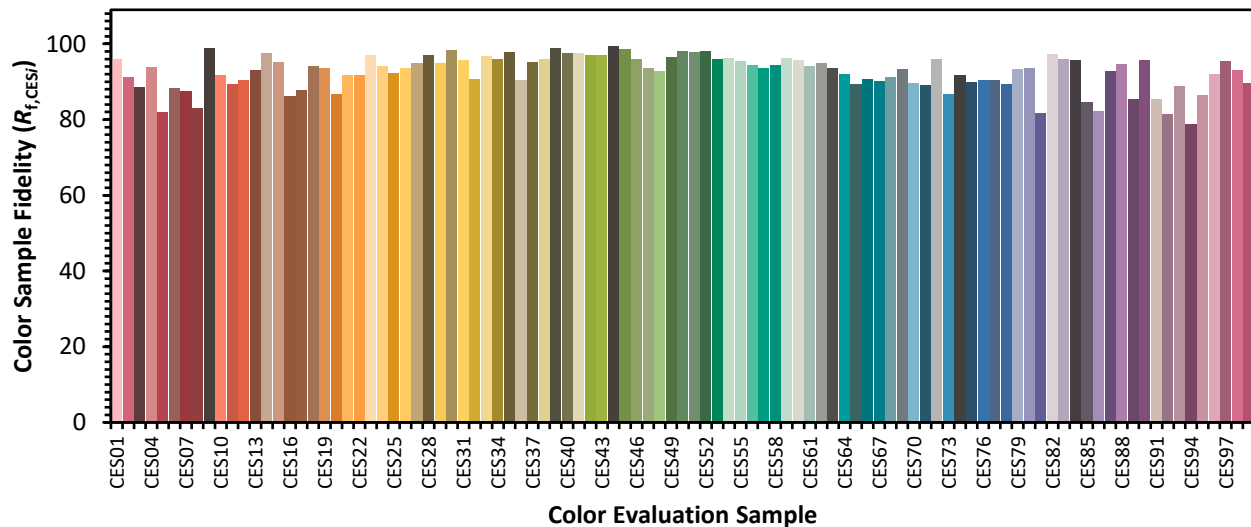


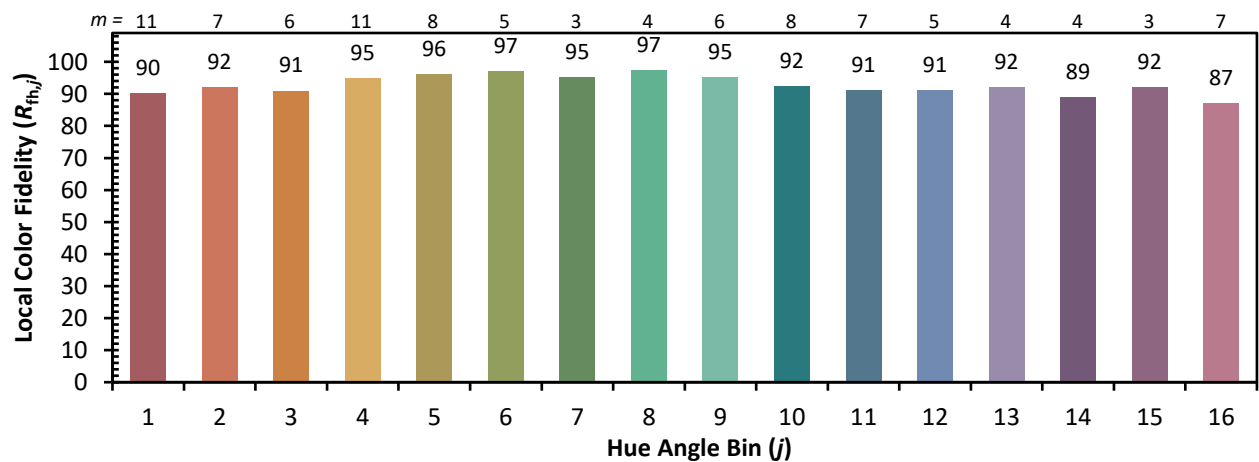
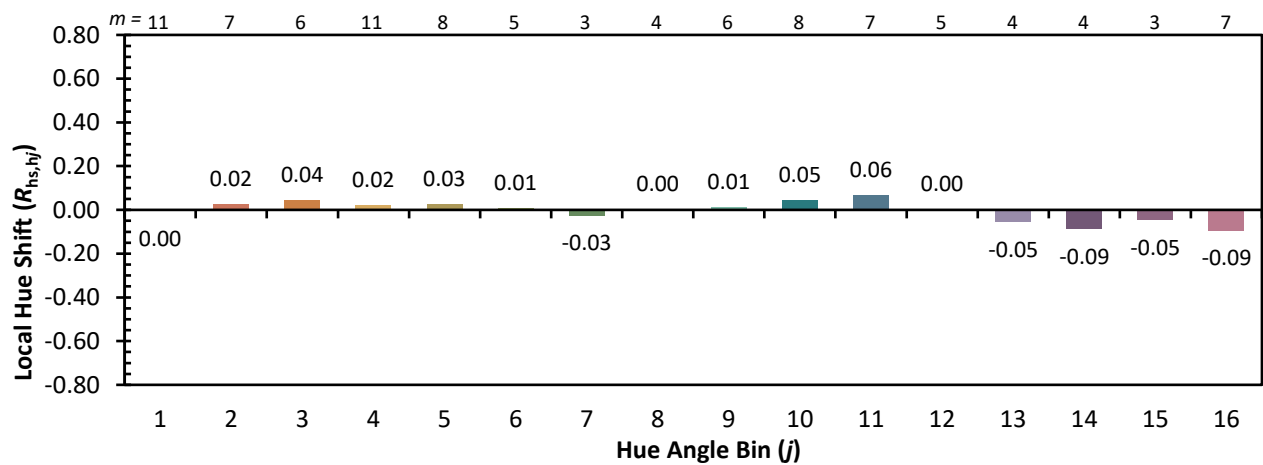
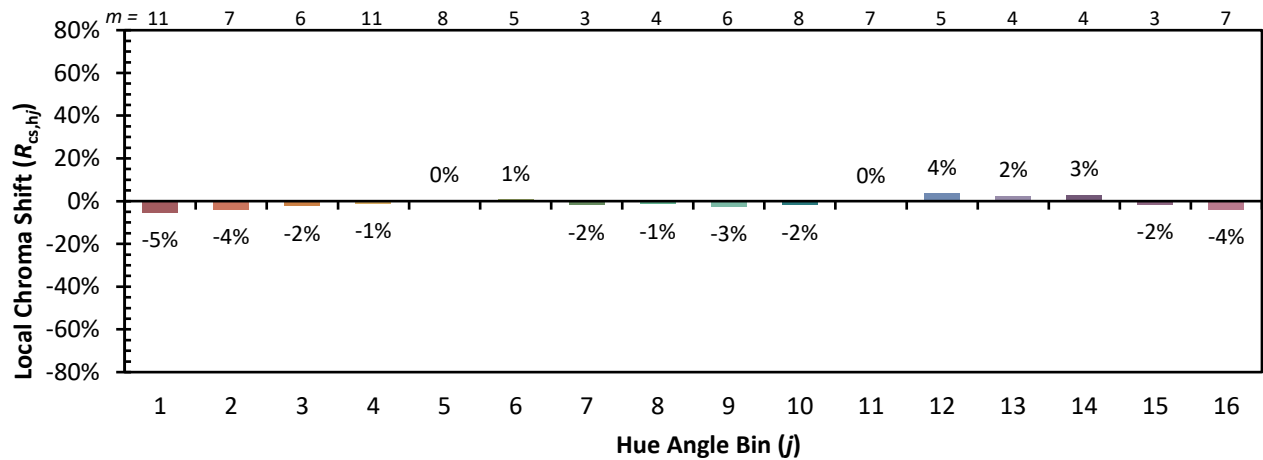
Color Vector Graphics



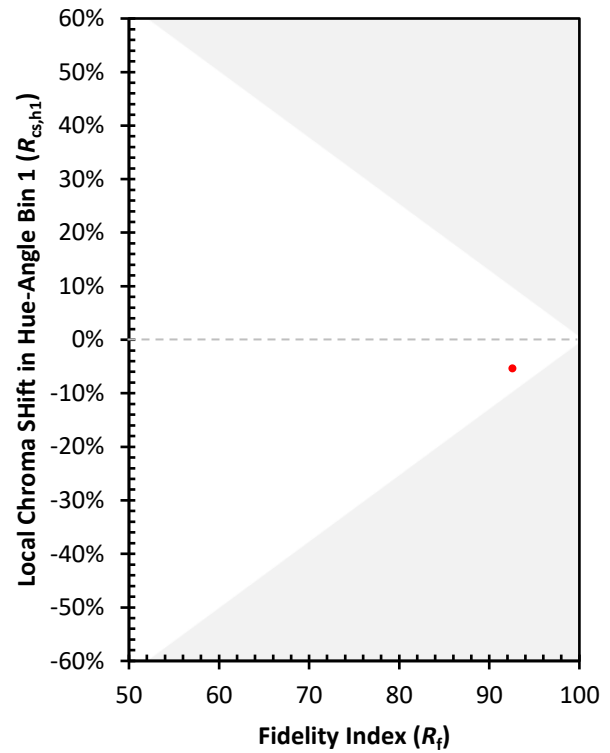
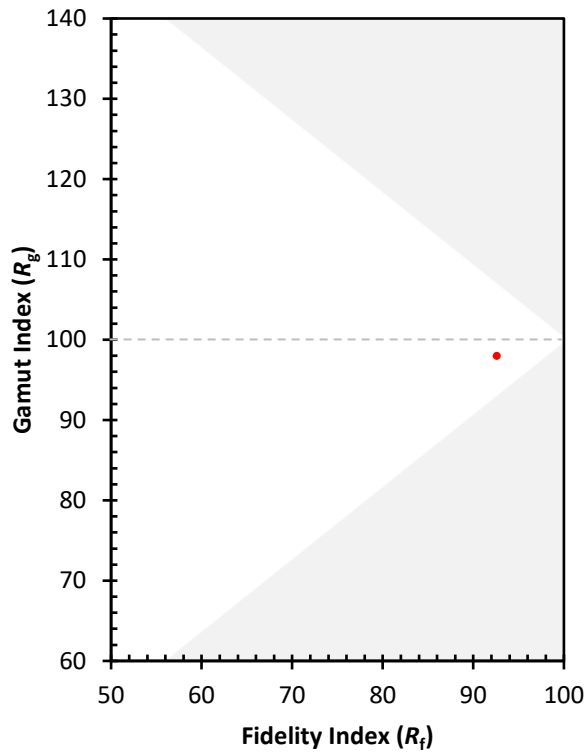
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)