

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: P1048701

Luminaire Tested: **GALN-SA9A-927-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048701
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20394.6 lumens
Efficiency: N/A
Efficacy: 83.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - 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

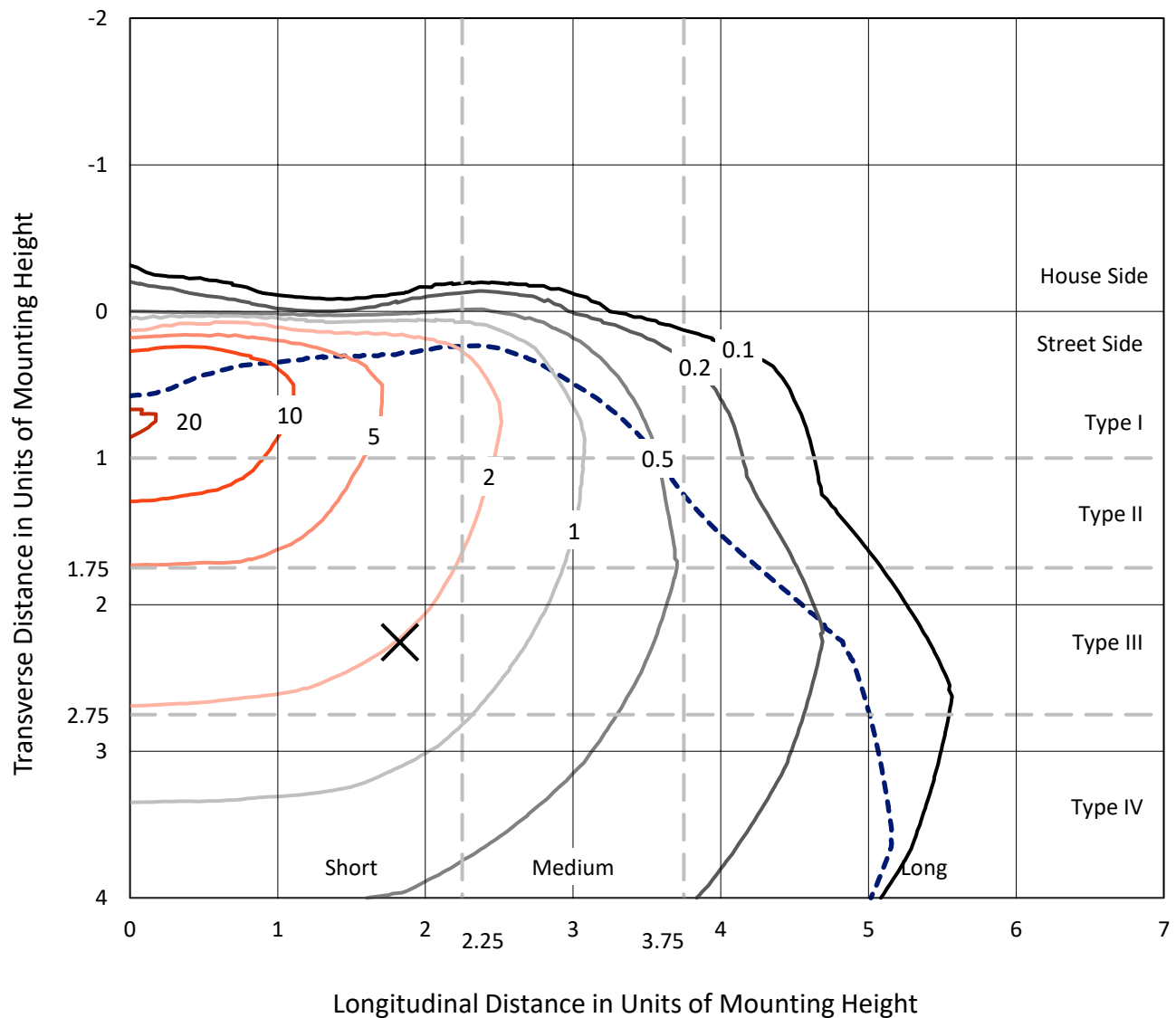


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

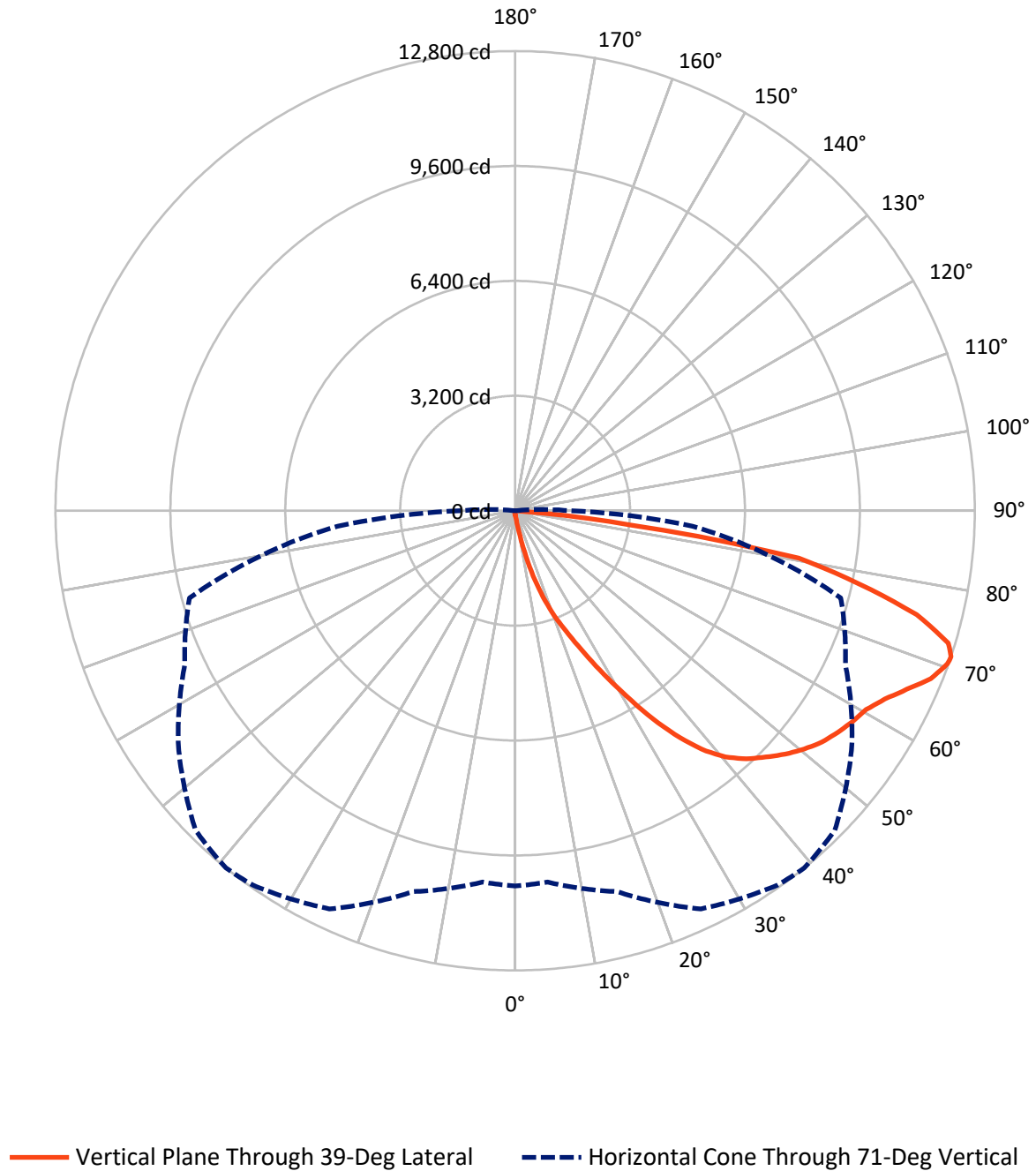


Based on 15 foot mounting height. Maximum calculated value = 21 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	72.5	0.0	72.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20322.1	0.0	20322.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	20394.6	0.0	20394.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	0.1
10°-20°	218.0	1.1
20°-30°	776.3	3.8
30°-40°	1870.9	9.2
40°-50°	3131.1	15.4
50°-60°	4021.5	19.7
60°-70°	5089.2	25.0
70°-80°	4537.2	22.2
80°-90°	733.4	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°	20394.6	100.0
0°-180°	20394.6	100.0



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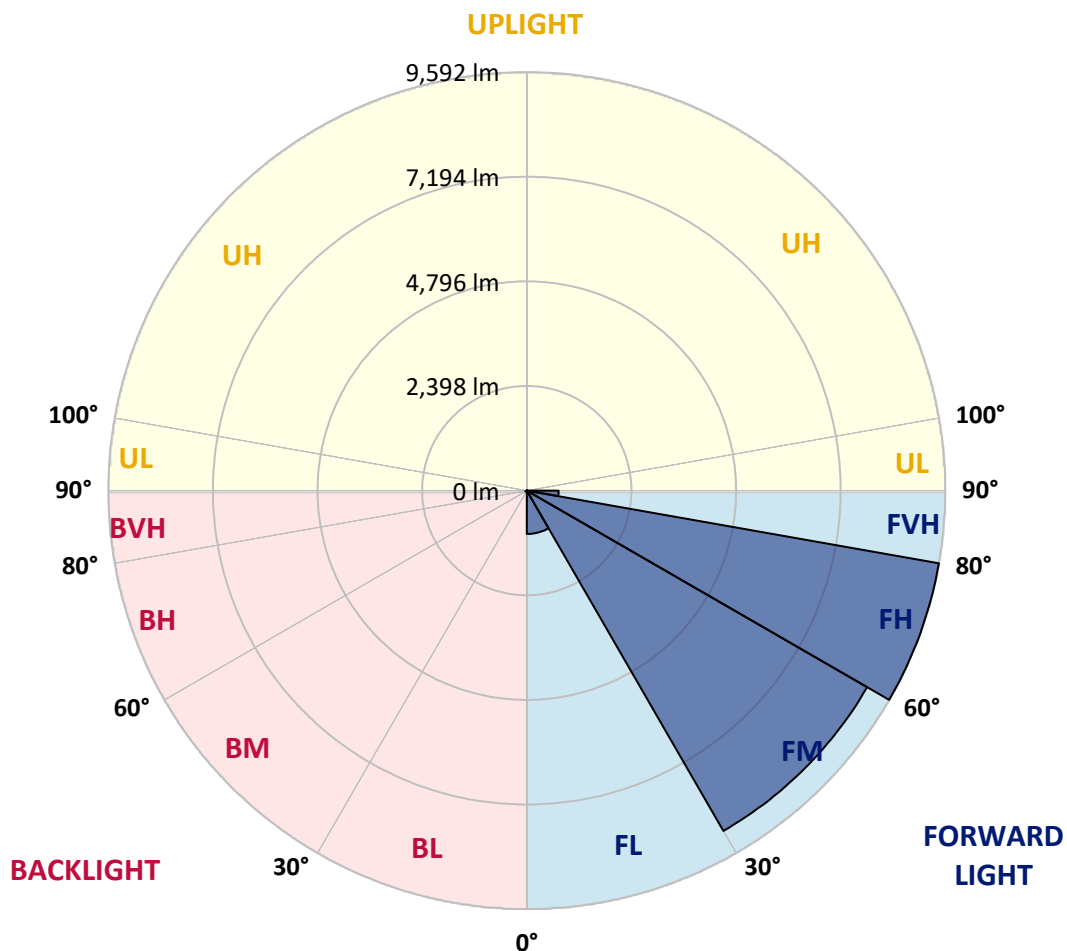
CATALOG NUMBER: GALN-SA9A-927-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	993.8	4.9			
FM	(30°-60°)	9006.6	44.2			
FH	(60°-80°)	9591.6	47.0			G4/12000
FVH	(80°-90°)	730.1	3.6			G4/750
BL	(0°-30°)	17.5	0.1	B0/110		
BM	(30°-60°)	16.8	0.1	B0/220		
BH	(60°-80°)	34.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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°	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8
2.5°	128.4	128.4	128.4	124.3	124.3	122.9	121.5	121.5	118.7	117.4	114.6
5°	194.7	190.5	180.9	175.3	164.3	157.4	150.5	140.8	131.2	124.3	116.0
7.5°	440.4	450.1	418.3	359.0	298.2	272.0	227.8	183.6	151.9	131.2	117.4
10°	1122.4	1116.9	1009.2	890.5	687.5	606.1	474.9	299.6	196.0	143.6	118.7
12.5°	1909.4	1903.9	1776.8	1615.3	1347.5	1177.7	929.1	559.1	281.6	162.9	118.7
15°	2570.7	2548.6	2508.6	2348.4	2035.0	1892.8	1564.2	988.5	455.6	196.0	121.5
17.5°	3008.3	2989.0	2951.7	2893.7	2694.9	2526.5	2262.8	1553.2	737.2	254.0	127.0
20°	3410.1	3396.3	3365.9	3354.9	3226.5	3136.7	2918.6	2202.1	1148.7	345.2	135.3
22.5°	3962.3	3933.3	3945.8	3879.5	3753.9	3646.2	3512.3	2881.3	1651.2	497.0	150.5
25°	4638.8	4625.0	4590.5	4543.6	4369.6	4275.7	4070.0	3521.9	2213.1	695.8	167.1
27.5°	5456.1	5441.0	5432.7	5325.0	5124.8	5022.6	4735.5	4126.6	2845.4	974.7	189.1
30°	6397.7	6404.6	6350.8	6212.7	5979.4	5835.8	5540.4	4760.3	3492.9	1301.9	212.6
32.5°	7372.4	7358.6	7275.8	7112.9	6904.4	6770.5	6395.0	5454.8	4172.2	1734.0	240.2
35°	8423.1	8396.8	8178.7	7992.3	7814.2	7645.8	7303.4	6261.0	4851.4	2218.6	277.5
37.5°	9483.4	9360.5	8922.8	8686.8	8563.9	8425.8	8106.9	7121.2	5526.6	2759.8	323.1
40°	10284.1	10188.9	9669.7	9234.9	9136.8	9019.5	8782.0	7863.9	6244.5	3341.1	378.3
42.5°	10727.3	10674.8	10208.2	9778.8	9548.3	9444.7	9241.8	8512.8	6954.1	3983.0	458.4
45°	10916.4	10835.0	10523.0	10322.8	9955.5	9784.3	9542.7	9002.9	7695.5	4712.0	570.2
47.5°	10858.4	10811.5	10587.8	10661.0	10394.6	10128.1	9773.3	9378.4	8329.2	5548.6	723.4
50°	10494.0	10453.9	10384.9	10781.1	10748.0	10433.2	10071.5	9675.3	8846.9	6411.5	960.9
52.5°	9800.9	9784.3	9961.1	10687.2	10948.2	10702.4	10358.7	9937.6	9330.1	7313.1	1300.5
55°	8907.7	8975.3	9480.6	10540.9	11050.3	10901.2	10612.7	10183.3	9718.1	8119.3	1801.7
57.5°	8540.4	8558.4	9189.3	10437.4	11095.9	11076.6	10859.8	10418.0	10074.3	8764.1	2566.5
60°	8969.8	8942.2	9274.9	10516.1	11187.0	11234.0	11079.3	10636.2	10383.5	9317.7	3585.4
62.5°	9745.7	9730.5	9836.8	10851.5	11453.5	11548.7	11384.5	10793.6	10656.9	9682.2	4747.9
65°	10438.7	10407.0	10604.4	11446.6	11921.5	11989.2	11845.6	11062.8	10777.0	9947.2	5840.0
67.5°	10738.3	10731.4	11049.0	12012.6	12413.0	12486.2	12360.5	11434.2	10749.4	10031.5	6321.8
70°	10601.7	10575.4	11083.5	12252.9	12690.5	12773.3	12651.8	11572.2	10449.8	9765.0	5608.0
71°	10451.2	10380.8	10979.9	12236.3	12729.2	12799.6	12587.0	11446.6	10148.8	9386.7	4960.5
72.5°	9984.5	9996.9	10695.5	12063.7	12636.7	12616.0	12219.7	10996.5	9785.7	8528.0	3984.4
75°	8835.9	8909.0	9774.7	11338.9	11811.1	11547.4	10941.3	10136.4	9056.8	6114.7	2766.7
77.5°	7220.6	7329.6	8280.9	9944.5	9810.6	9784.3	9759.5	8931.1	7734.1	3284.5	1924.6
80°	3447.4	3683.4	4995.0	7099.1	7712.0	8008.9	7822.5	7197.1	5980.8	1564.2	1150.0
82.5°	225.0	222.3	314.8	596.4	2514.1	3249.9	5163.5	5144.1	4169.4	762.1	469.4
85°	106.3	109.1	120.1	136.7	158.8	174.0	240.2	1408.2	1995.0	363.1	102.2
87.5°	62.1	63.5	74.6	95.3	124.3	138.1	164.3	211.2	259.6	200.2	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



REPORT NUMBER: P1048701

CATALOG NUMBER: GALN-SA9A-927-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8
2.5°	113.2	111.8	107.7	103.5	99.4	96.6	95.3	96.6	96.6	98.0	98.0
5°	113.2	109.1	102.2	93.9	88.4	82.8	80.1	78.7	80.1	80.1	80.1
7.5°	111.8	104.9	95.3	85.6	78.7	71.8	69.0	67.6	67.6	69.0	69.0
10°	109.1	102.2	89.7	78.7	70.4	62.1	58.0	53.8	53.8	53.8	55.2
12.5°	107.7	98.0	82.8	71.8	60.7	51.1	42.8	38.7	40.0	40.0	40.0
15°	104.9	93.9	78.7	64.9	51.1	38.7	31.8	27.6	29.0	30.4	29.0
17.5°	104.9	92.5	73.2	56.6	40.0	29.0	23.5	20.7	20.7	22.1	22.1
20°	104.9	89.7	69.0	48.3	30.4	22.1	16.6	15.2	15.2	17.9	19.3
22.5°	107.7	89.7	63.5	40.0	24.9	16.6	12.4	11.0	12.4	15.2	16.6
25°	111.8	88.4	58.0	35.9	20.7	12.4	9.7	6.9	8.3	11.0	12.4
27.5°	116.0	87.0	52.5	31.8	16.6	9.7	6.9	5.5	4.1	5.5	5.5
30°	120.1	87.0	46.9	26.2	13.8	6.9	4.1	2.8	1.4	0.0	0.0
32.5°	122.9	84.2	42.8	20.7	11.0	5.5	2.8	1.4	0.0	0.0	0.0
35°	125.6	81.5	37.3	16.6	8.3	4.1	1.4	0.0	0.0	0.0	0.0
37.5°	128.4	77.3	31.8	13.8	6.9	2.8	0.0	0.0	0.0	0.0	0.0
40°	131.2	71.8	26.2	12.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	133.9	67.6	22.1	9.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	140.8	64.9	17.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	153.2	62.1	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	171.2	59.4	15.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	196.0	58.0	13.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	240.2	56.6	12.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	316.2	55.2	12.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	484.6	52.5	12.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	865.6	51.1	11.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1509.0	52.5	11.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2163.4	55.2	9.7	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	1851.4	48.3	9.7	5.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0
71°	1509.0	42.8	9.7	5.5	2.8	1.4	1.4	0.0	0.0	0.0	0.0
72.5°	970.6	33.1	8.3	5.5	2.8	2.8	1.4	0.0	0.0	0.0	0.0
75°	410.0	27.6	8.3	5.5	4.1	2.8	2.8	1.4	0.0	0.0	0.0
77.5°	175.3	20.7	8.3	6.9	5.5	4.1	4.1	2.8	1.4	0.0	0.0
80°	66.3	16.6	9.7	8.3	6.9	6.9	5.5	2.8	1.4	0.0	0.0
82.5°	30.4	13.8	9.7	8.3	8.3	6.9	5.5	4.1	2.8	0.0	0.0
85°	19.3	12.4	9.7	8.3	8.3	6.9	6.9	4.1	2.8	0.0	0.0
87.5°	15.2	12.4	9.7	9.7	8.3	8.3	5.5	4.1	1.4	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

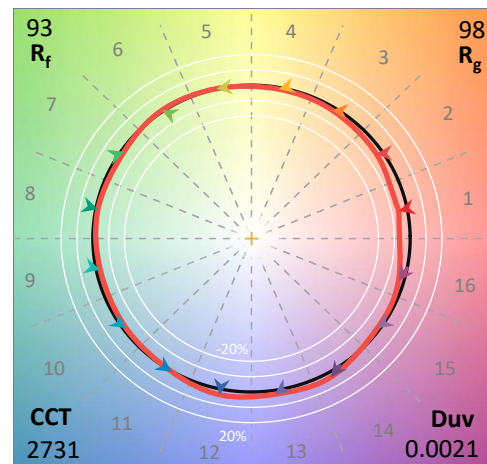
Test Information

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

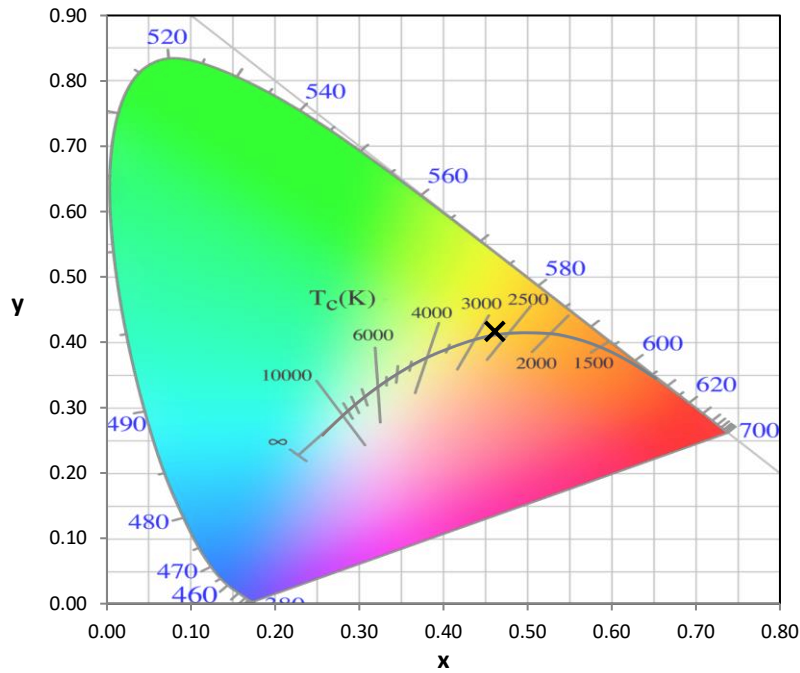
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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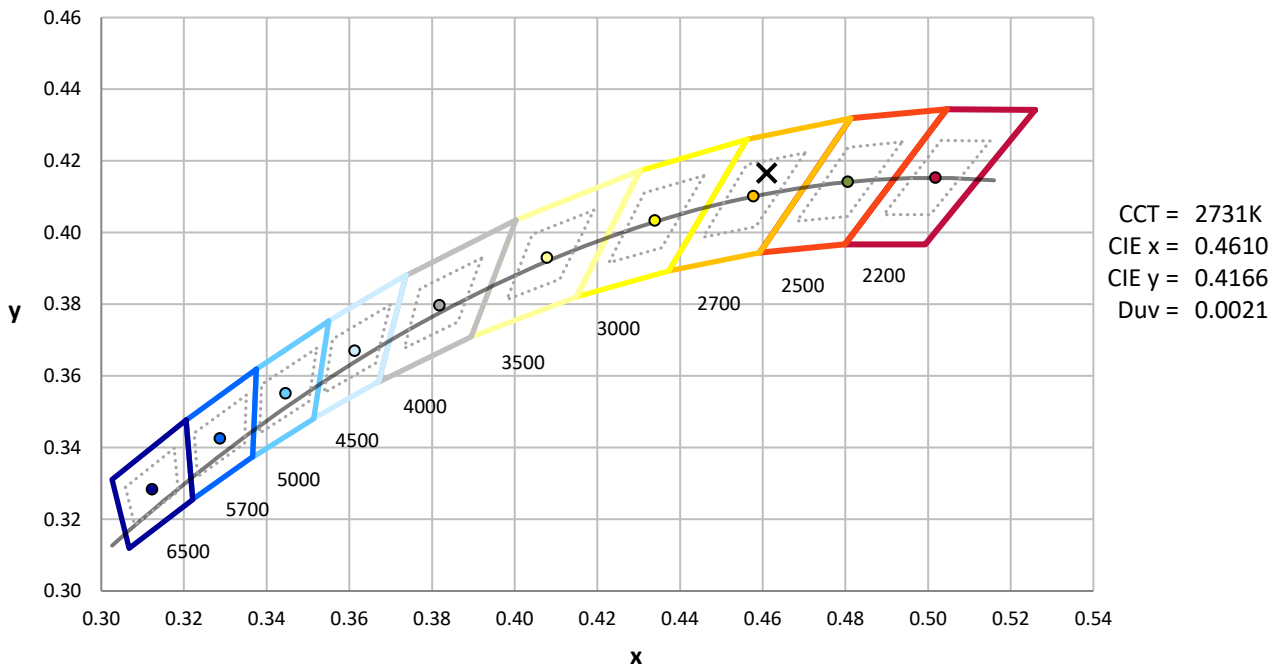
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



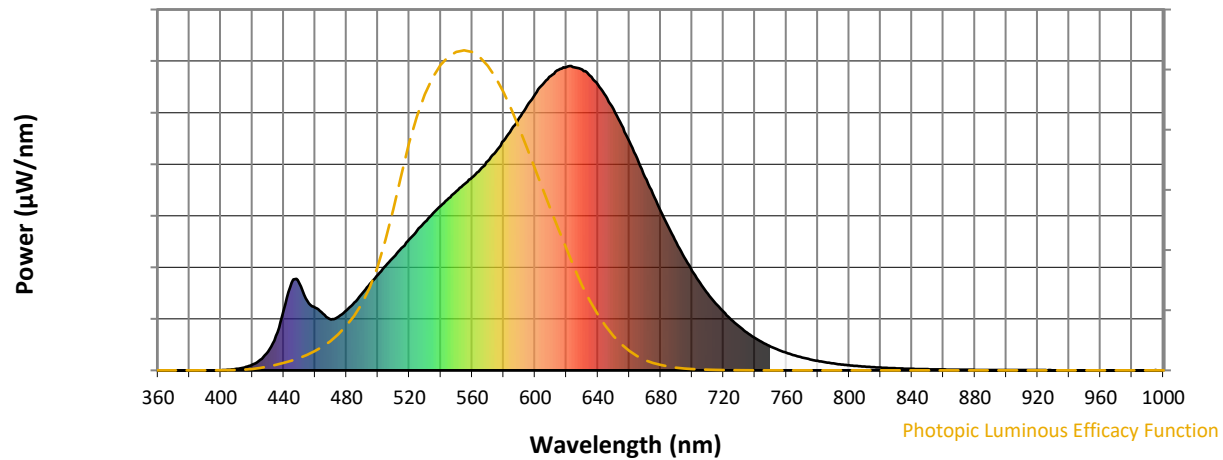
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

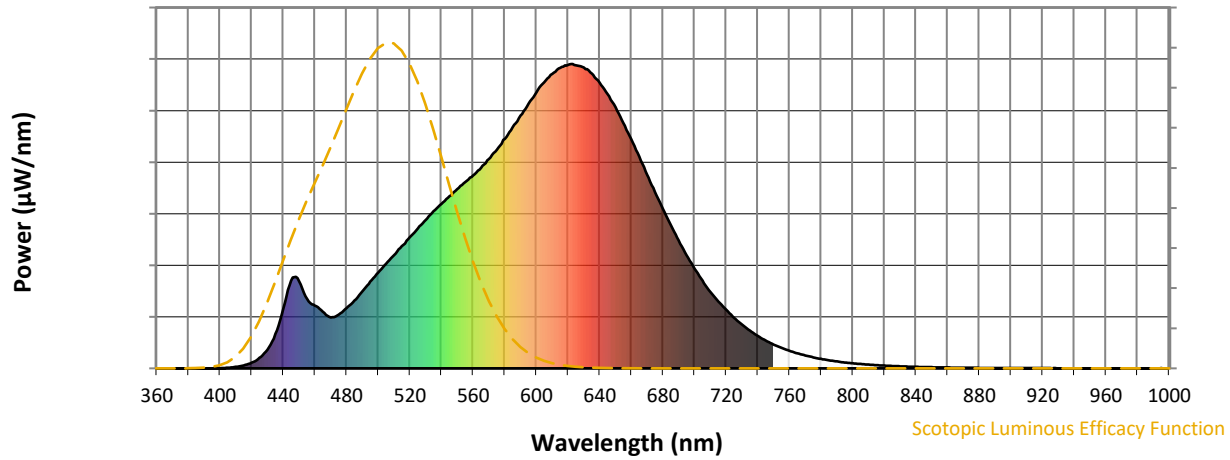


Photopic Lumens: NR

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	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



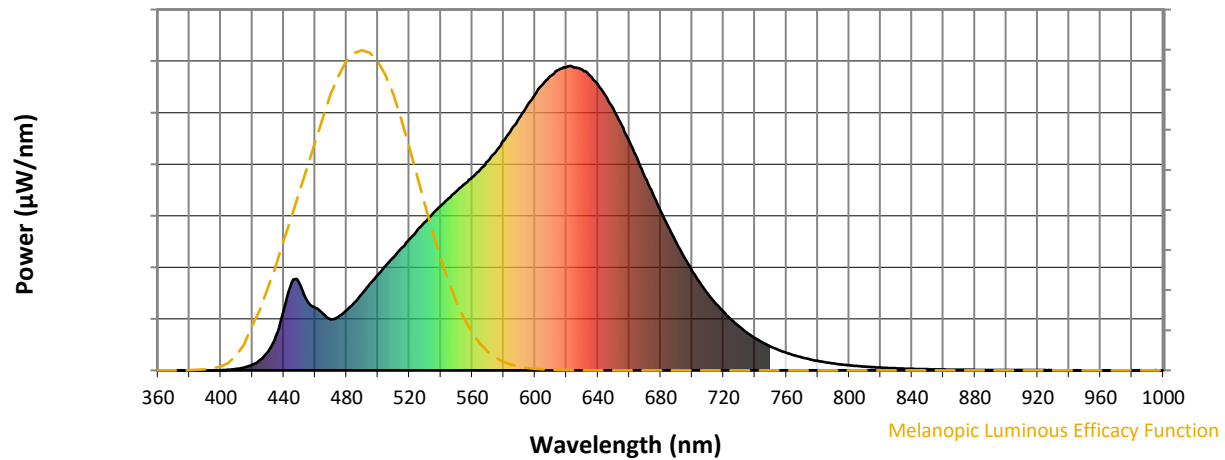
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power 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	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

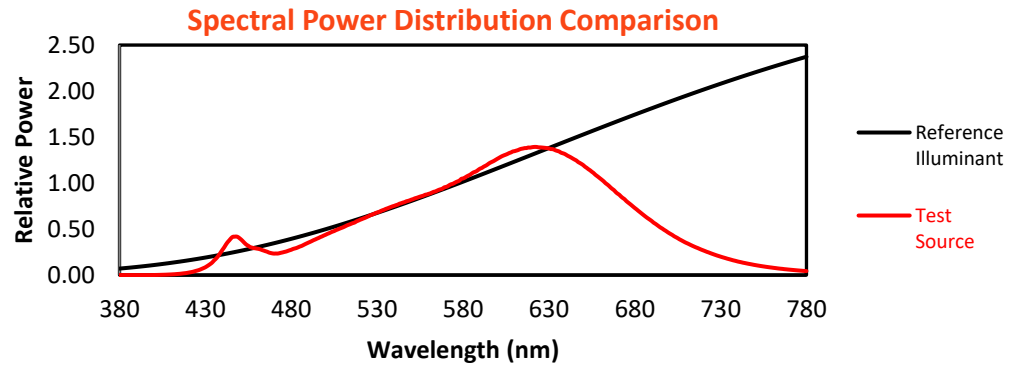
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	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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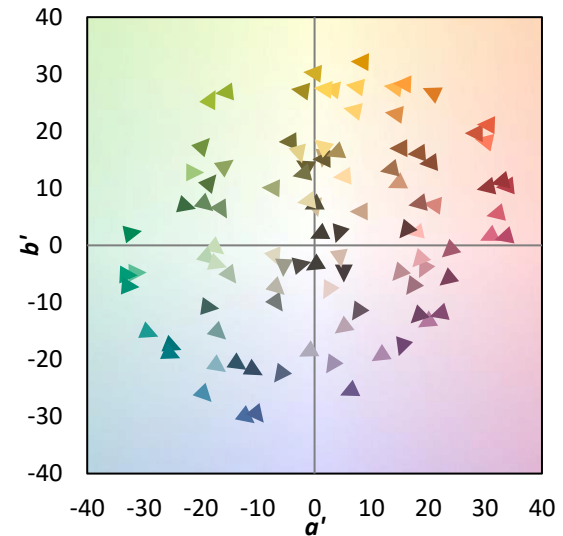
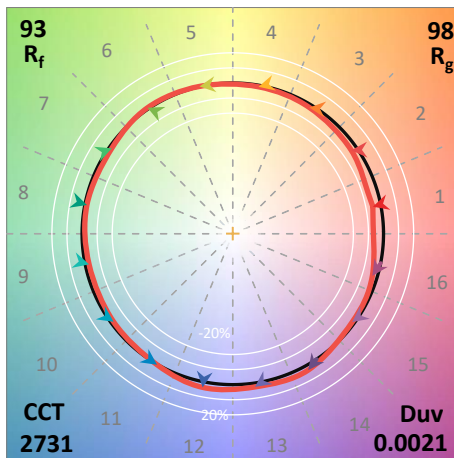
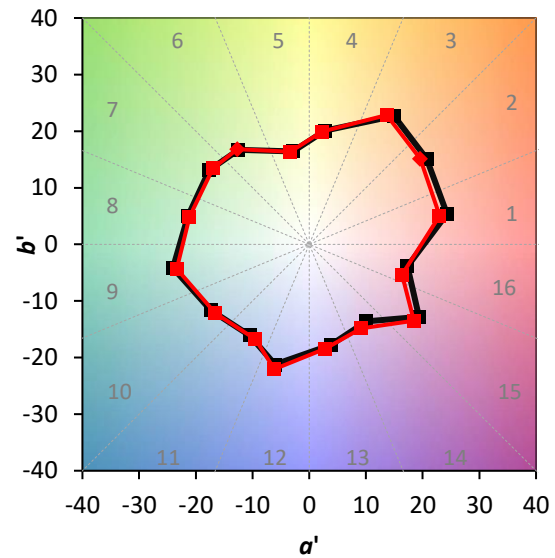
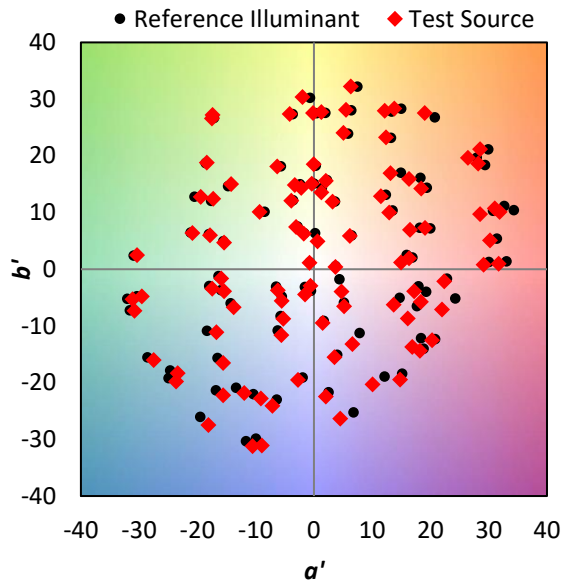
TM-30-18

Summary

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

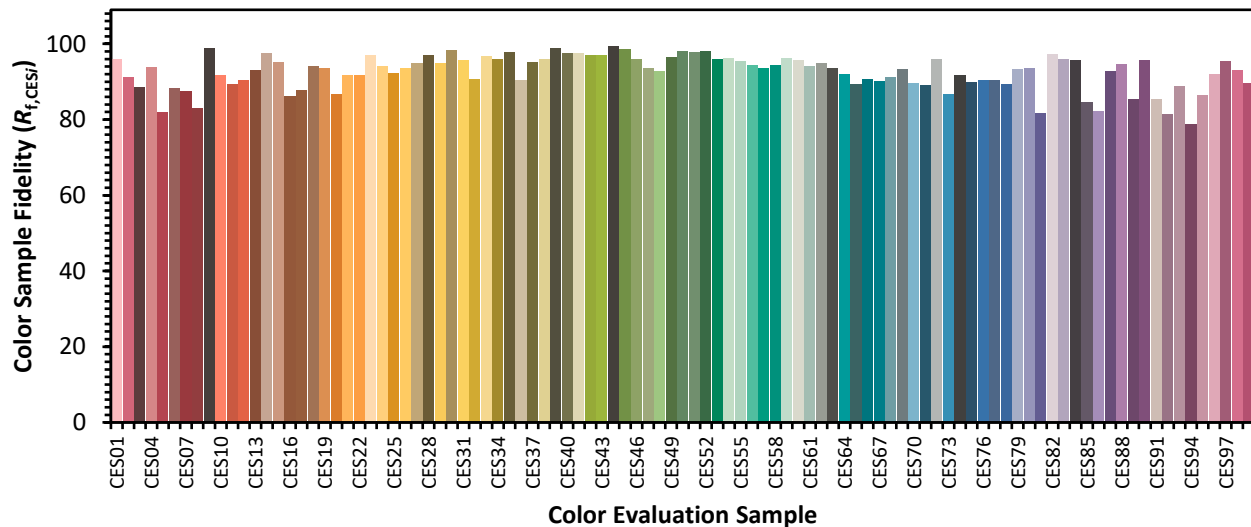


Color Vector Graphics

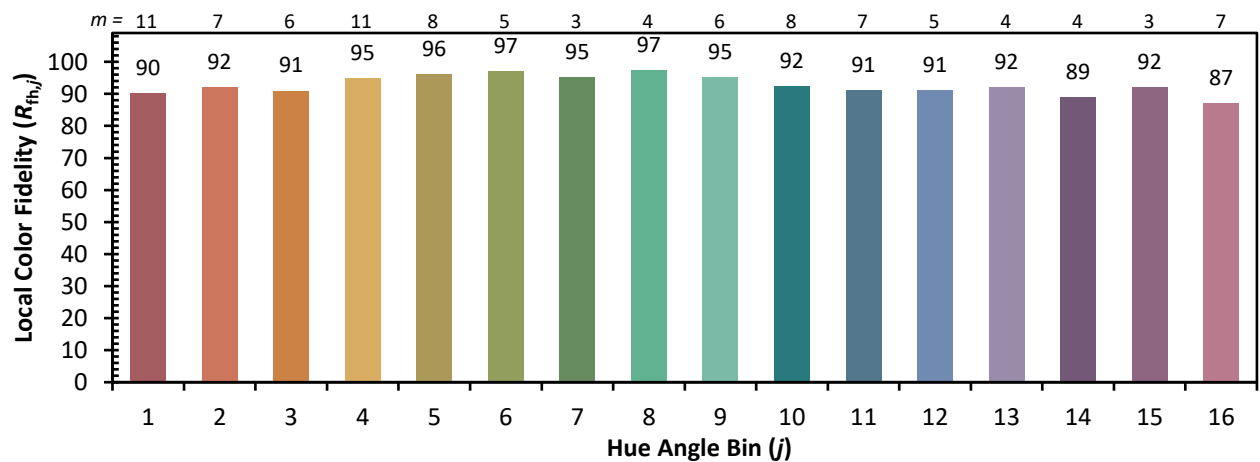
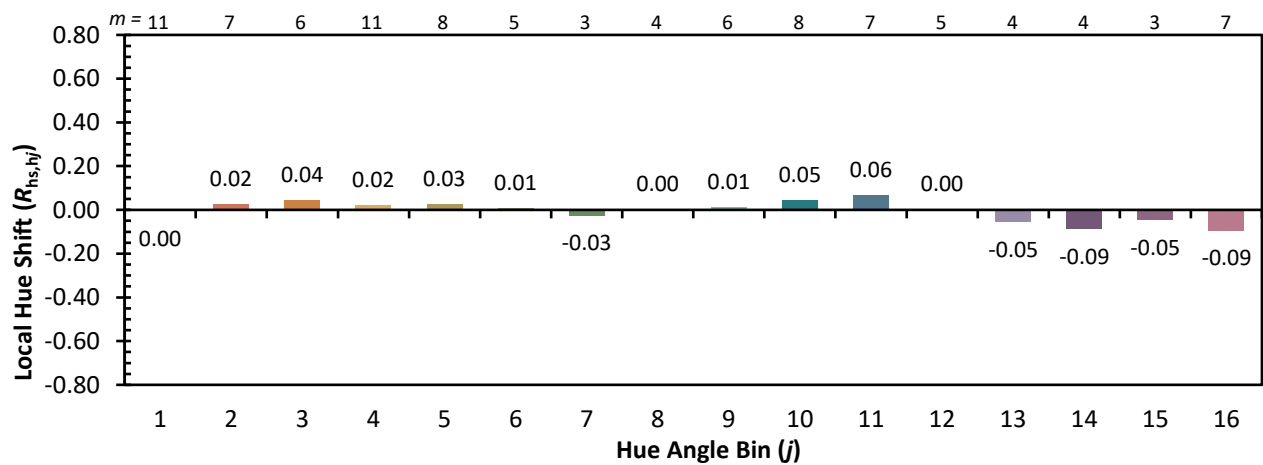
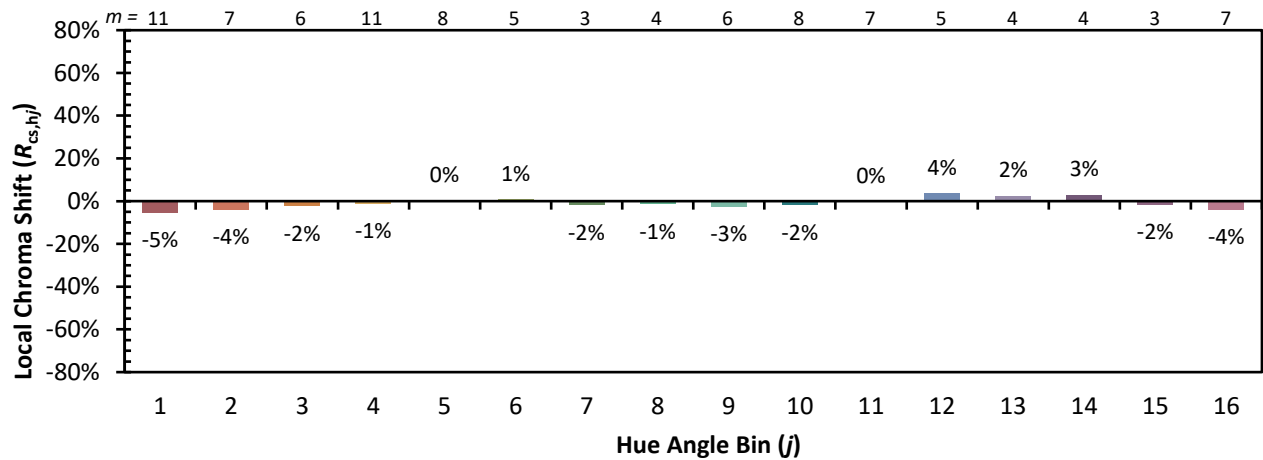


Individual Sample Fidelity Index ($R_{f,i}$)

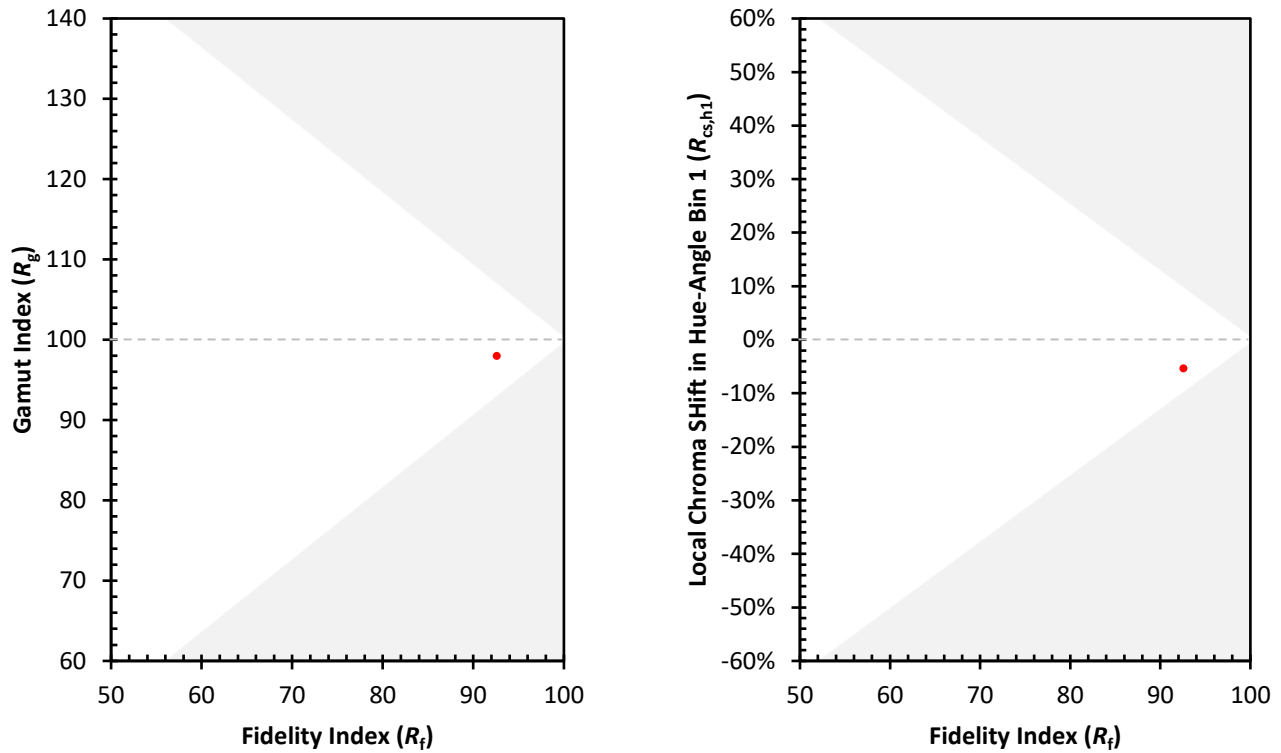
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 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)