

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: P1048693

Luminaire Tested: **GALN-SA7A-927-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048693
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-927-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15778.7 lumens
Efficiency: N/A
Efficacy: 81.7 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): 193.1
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

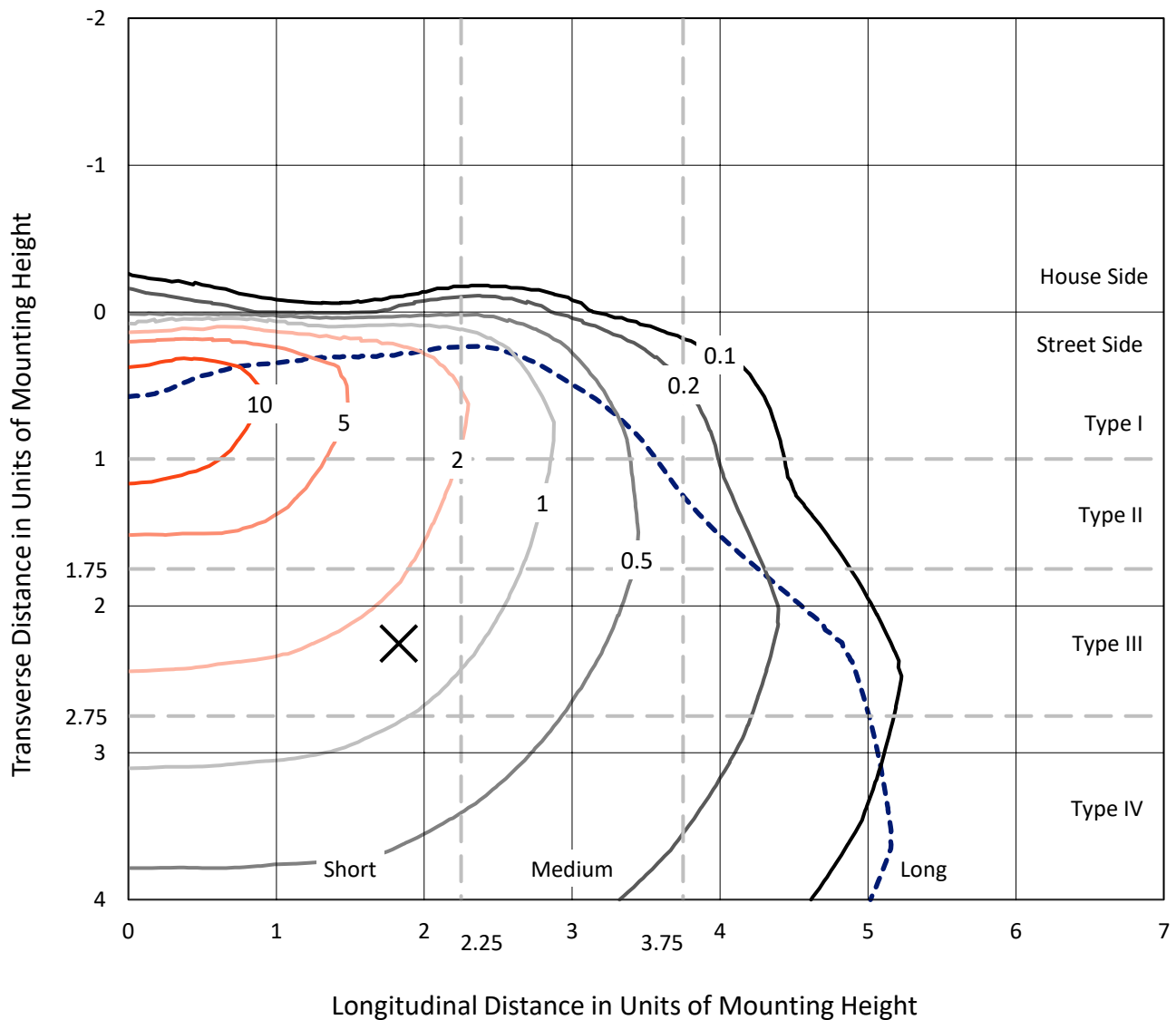


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

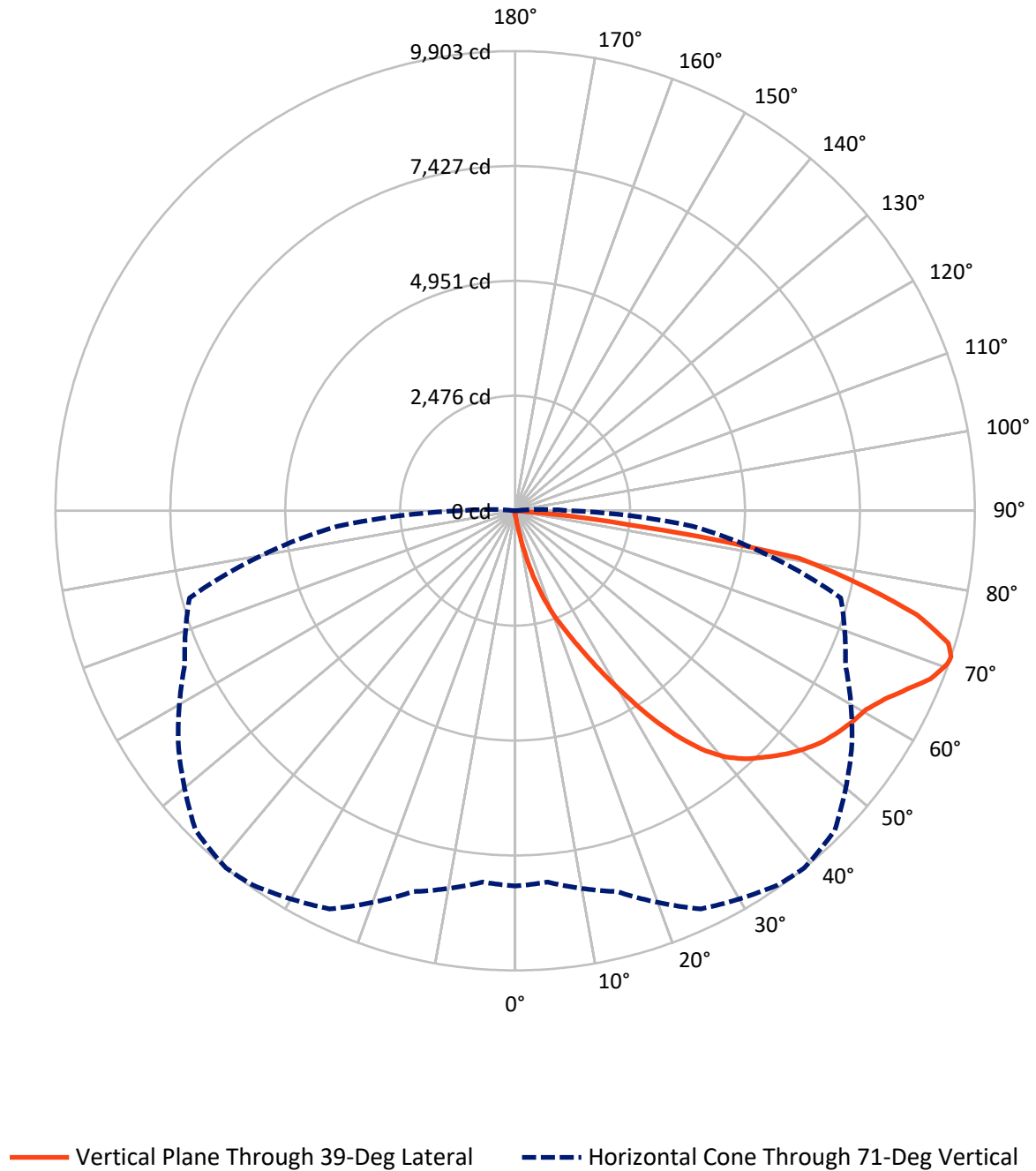


Based on 15 foot mounting height. Maximum calculated value = 16.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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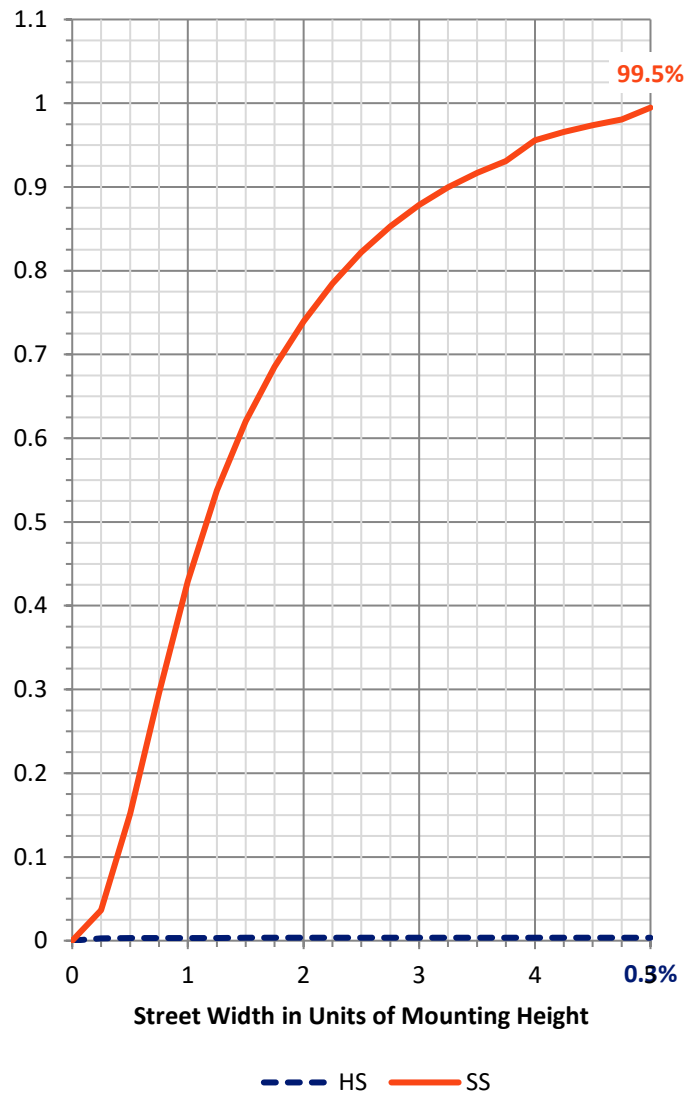
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.1	0.0	56.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15722.7	0.0	15722.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	15778.7	0.0	15778.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	0.1
10°-20°	168.6	1.1
20°-30°	600.6	3.8
30°-40°	1447.5	9.2
40°-50°	2422.4	15.4
50°-60°	3111.3	19.7
60°-70°	3937.4	25.0
70°-80°	3510.3	22.2
80°-90°	567.4	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°	15778.7	100.0
0°-180°	15778.7	100.0



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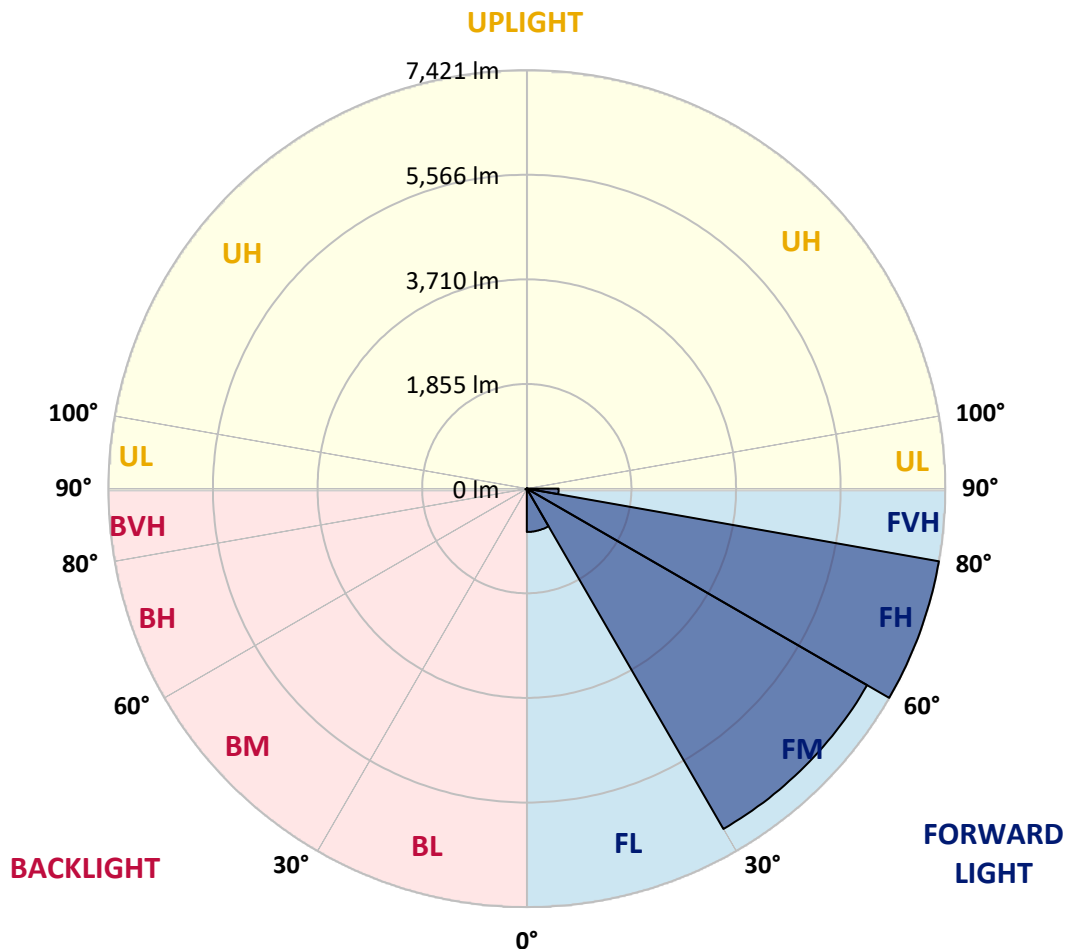
CATALOG NUMBER: GALN-SA7A-927-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	768.8	4.9			
FM	(30°-60°)	6968.2	44.2			
FH	(60°-80°)	7420.8	47.0			G3/7500
FVH	(80°-90°)	564.9	3.6			G4/750
BL	(0°-30°)	13.6	0.1	B0/110		
BM	(30°-60°)	13.0	0.1	B0/220		
BH	(60°-80°)	27.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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



REPORT NUMBER: P1048693

CATALOG NUMBER: GALN-SA7A-927-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2.5°	99.3	99.3	99.3	96.1	96.1	95.1	94.0	94.0	91.9	90.8	88.7
5°	150.6	147.4	139.9	135.7	127.1	121.8	116.4	109.0	101.5	96.1	89.7
7.5°	340.7	348.2	323.6	277.7	230.7	210.4	176.2	142.1	117.5	101.5	90.8
10°	868.4	864.1	780.8	688.9	531.9	468.9	367.4	231.8	151.7	111.1	91.9
12.5°	1477.2	1473.0	1374.7	1249.7	1042.5	911.1	718.9	432.6	217.9	126.0	91.9
15°	1988.9	1971.8	1940.8	1816.9	1574.4	1464.4	1210.2	764.8	352.5	151.7	94.0
17.5°	2327.5	2312.5	2283.7	2238.8	2085.0	1954.7	1750.7	1201.7	570.4	196.5	98.3
20°	2638.3	2627.6	2604.1	2595.6	2496.2	2426.8	2258.0	1703.7	888.7	267.0	104.7
22.5°	3065.6	3043.1	3052.7	3001.5	2904.3	2821.0	2717.3	2229.2	1277.5	384.5	116.4
25°	3588.9	3578.3	3551.6	3515.2	3380.7	3308.0	3148.9	2724.8	1712.2	538.3	129.2
27.5°	4221.3	4209.5	4203.1	4119.8	3964.9	3885.9	3663.7	3192.7	2201.4	754.1	146.3
30°	4949.7	4955.1	4913.4	4806.6	4626.1	4515.0	4286.4	3682.9	2702.4	1007.3	164.5
32.5°	5703.9	5693.2	5629.1	5503.0	5341.8	5238.1	4947.6	4220.2	3227.9	1341.6	185.9
35°	6516.7	6496.4	6327.6	6183.4	6045.7	5915.3	5650.4	4844.0	3753.4	1716.5	214.7
37.5°	7337.0	7242.0	6903.4	6720.7	6625.7	6518.8	6272.1	5509.5	4275.8	2135.2	249.9
40°	7956.6	7882.9	7481.2	7144.8	7068.9	6978.1	6794.4	6084.1	4831.2	2584.9	292.7
42.5°	8299.4	8258.8	7897.8	7565.6	7387.2	7307.1	7150.1	6586.1	5380.2	3081.6	354.6
45°	8445.8	8382.7	8141.3	7986.5	7702.3	7569.9	7383.0	6965.3	5953.8	3645.6	441.1
47.5°	8400.9	8364.6	8191.5	8248.2	8042.0	7835.9	7561.3	7255.9	6444.1	4292.8	559.7
50°	8118.9	8087.9	8034.5	8341.1	8315.4	8071.9	7792.1	7485.5	6844.6	4960.4	743.4
52.5°	7582.7	7569.9	7706.6	8268.5	8470.3	8280.2	8014.2	7688.5	7218.5	5657.9	1006.2
55°	6891.6	6944.0	7334.9	8155.2	8549.4	8434.0	8210.8	7878.6	7518.6	6281.7	1393.9
57.5°	6607.5	6621.4	7109.5	8075.1	8584.6	8569.7	8402.0	8060.2	7794.2	6780.5	1985.7
60°	6939.7	6918.3	7175.7	8136.0	8655.1	8691.4	8571.8	8228.9	8033.5	7208.9	2774.0
62.5°	7540.0	7528.2	7610.5	8395.6	8861.3	8935.0	8807.9	8350.7	8245.0	7490.8	3673.3
65°	8076.2	8051.6	8204.4	8855.9	9223.4	9275.7	9164.6	8559.0	8337.9	7695.9	4518.2
67.5°	8308.0	8302.6	8548.3	9293.9	9603.6	9660.2	9563.0	8846.3	8316.5	7761.1	4891.0
70°	8202.2	8181.9	8575.0	9479.7	9818.3	9882.4	9788.4	8953.1	8084.7	7554.9	4338.8
71°	8085.8	8031.3	8494.9	9466.9	9848.2	9902.7	9738.2	8855.9	7851.9	7262.3	3837.8
72.5°	7724.8	7734.4	8274.9	9333.4	9776.7	9760.6	9454.1	8507.7	7571.0	6597.9	3082.6
75°	6836.1	6892.7	7562.4	8772.6	9137.9	8933.9	8465.0	7842.3	7007.0	4730.8	2140.5
77.5°	5586.4	5670.7	6406.7	7693.8	7590.2	7569.9	7550.7	6909.8	5983.7	2541.1	1489.0
80°	2667.1	2849.8	3864.5	5492.4	5966.6	6196.3	6052.1	5568.2	4627.2	1210.2	889.8
82.5°	174.1	172.0	243.5	461.4	1945.1	2514.4	3994.8	3979.9	3225.8	589.6	363.2
85°	82.2	84.4	92.9	105.7	122.8	134.6	185.9	1089.5	1543.5	280.9	79.0
87.5°	48.1	49.1	57.7	73.7	96.1	106.8	127.1	163.4	200.8	154.9	17.1
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: P1048693

CATALOG NUMBER: GALN-SA7A-927-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2.5°	87.6	86.5	83.3	80.1	76.9	74.8	73.7	74.8	74.8	75.8	75.8
5°	87.6	84.4	79.0	72.6	68.4	64.1	62.0	60.9	62.0	62.0	62.0
7.5°	86.5	81.2	73.7	66.2	60.9	55.5	53.4	52.3	52.3	53.4	53.4
10°	84.4	79.0	69.4	60.9	54.5	48.1	44.9	41.7	41.7	41.7	42.7
12.5°	83.3	75.8	64.1	55.5	47.0	39.5	33.1	29.9	31.0	31.0	31.0
15°	81.2	72.6	60.9	50.2	39.5	29.9	24.6	21.4	22.4	23.5	22.4
17.5°	81.2	71.6	56.6	43.8	31.0	22.4	18.2	16.0	16.0	17.1	17.1
20°	81.2	69.4	53.4	37.4	23.5	17.1	12.8	11.7	11.7	13.9	15.0
22.5°	83.3	69.4	49.1	31.0	19.2	12.8	9.6	8.5	9.6	11.7	12.8
25°	86.5	68.4	44.9	27.8	16.0	9.6	7.5	5.3	6.4	8.5	9.6
27.5°	89.7	67.3	40.6	24.6	12.8	7.5	5.3	4.3	3.2	4.3	4.3
30°	92.9	67.3	36.3	20.3	10.7	5.3	3.2	2.1	1.1	0.0	0.0
32.5°	95.1	65.2	33.1	16.0	8.5	4.3	2.1	1.1	0.0	0.0	0.0
35°	97.2	63.0	28.8	12.8	6.4	3.2	1.1	0.0	0.0	0.0	0.0
37.5°	99.3	59.8	24.6	10.7	5.3	2.1	0.0	0.0	0.0	0.0	0.0
40°	101.5	55.5	20.3	9.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	103.6	52.3	17.1	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	109.0	50.2	13.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	118.6	48.1	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	132.4	45.9	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	151.7	44.9	10.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	185.9	43.8	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	244.6	42.7	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	374.9	40.6	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	669.7	39.5	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1167.5	40.6	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1673.8	42.7	7.5	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1432.4	37.4	7.5	4.3	2.1	1.1	0.0	0.0	0.0	0.0	0.0
71°	1167.5	33.1	7.5	4.3	2.1	1.1	1.1	0.0	0.0	0.0	0.0
72.5°	750.9	25.6	6.4	4.3	2.1	2.1	1.1	0.0	0.0	0.0	0.0
75°	317.2	21.4	6.4	4.3	3.2	2.1	2.1	1.1	0.0	0.0	0.0
77.5°	135.7	16.0	6.4	5.3	4.3	3.2	3.2	2.1	1.1	0.0	0.0
80°	51.3	12.8	7.5	6.4	5.3	5.3	4.3	2.1	1.1	0.0	0.0
82.5°	23.5	10.7	7.5	6.4	6.4	5.3	4.3	3.2	2.1	0.0	0.0
85°	15.0	9.6	7.5	6.4	6.4	5.3	5.3	3.2	2.1	0.0	0.0
87.5°	11.7	9.6	7.5	7.5	6.4	6.4	4.3	3.2	1.1	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

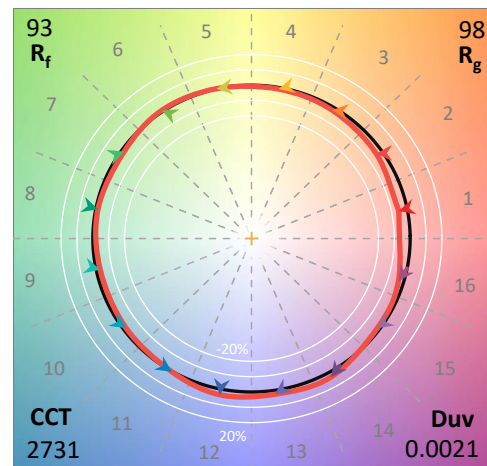
Test Information

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

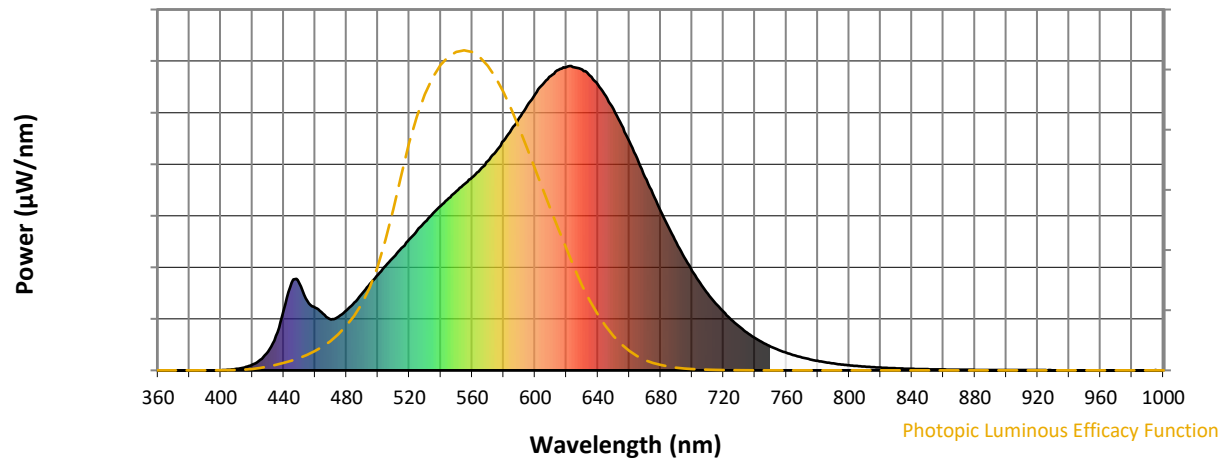
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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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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Photopic Flux vs. Wavelength

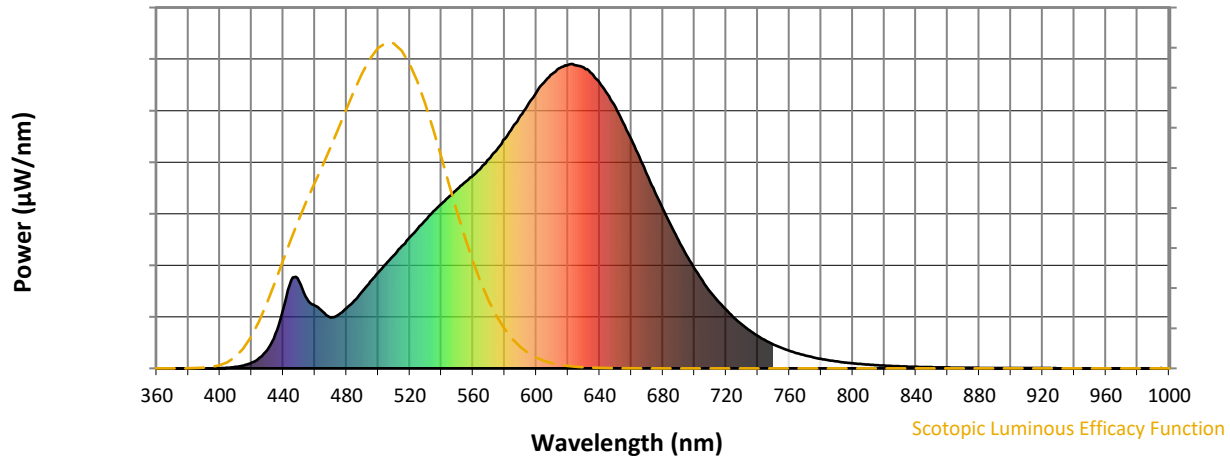


Photopic Lumens: NR

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



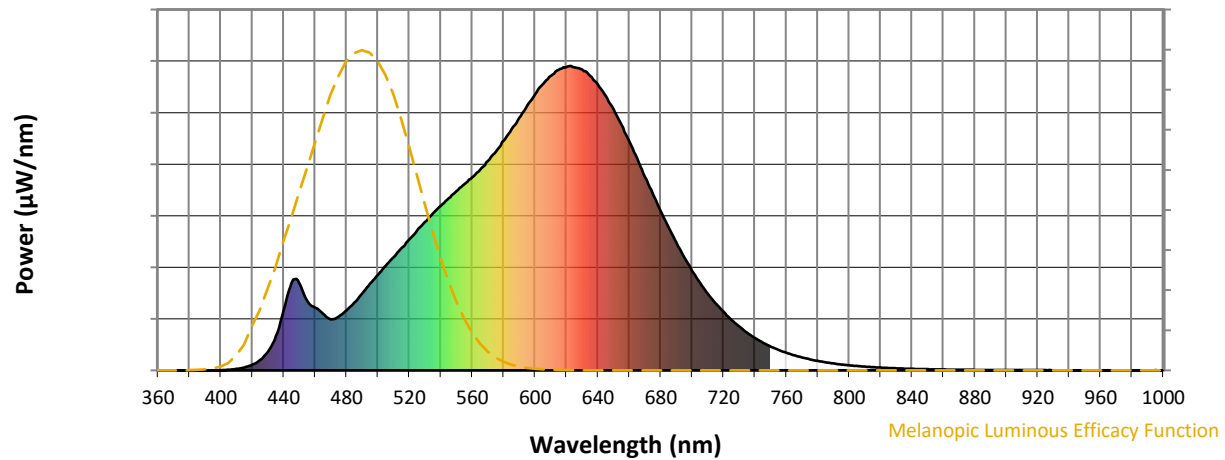
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power W ^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	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

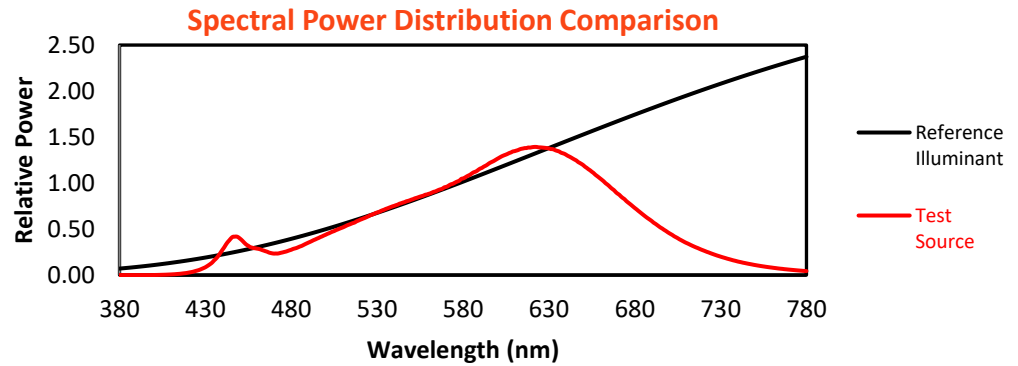
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253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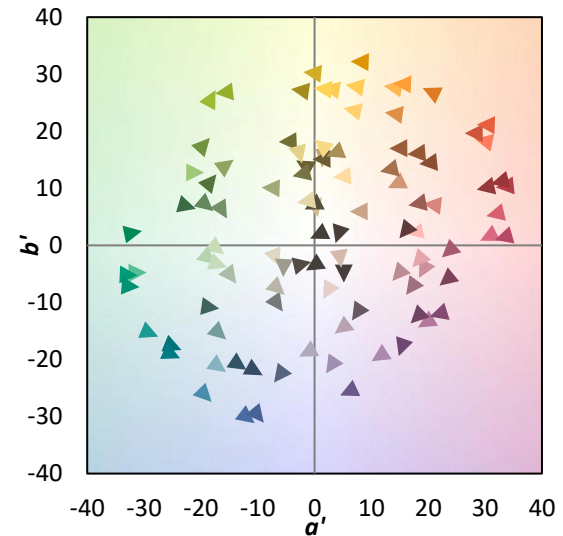
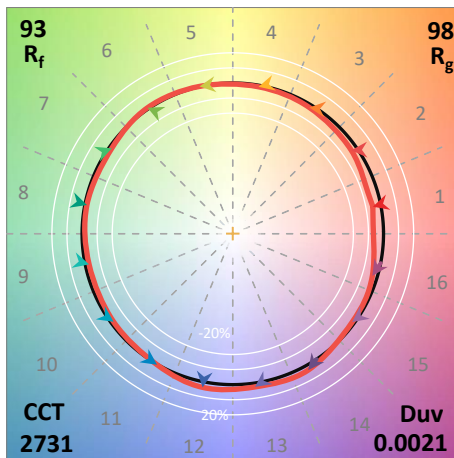
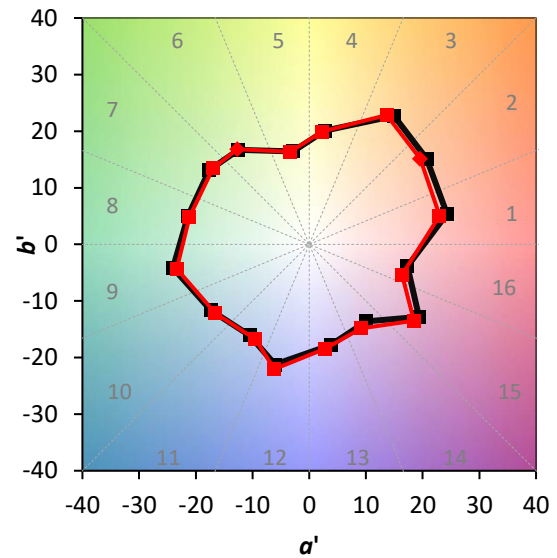
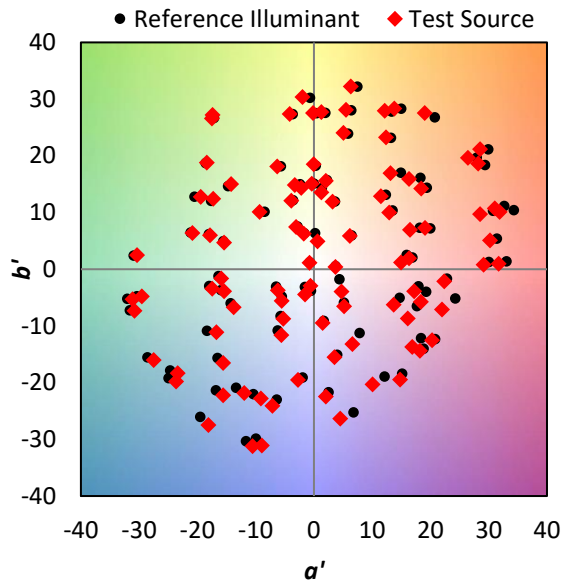
TM-30-18

Summary

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

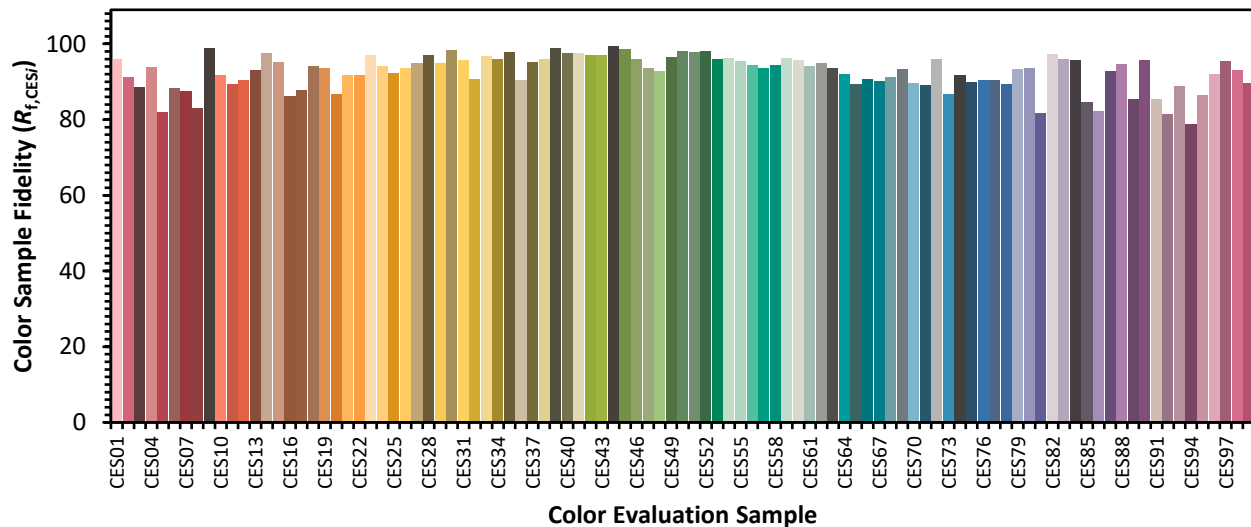


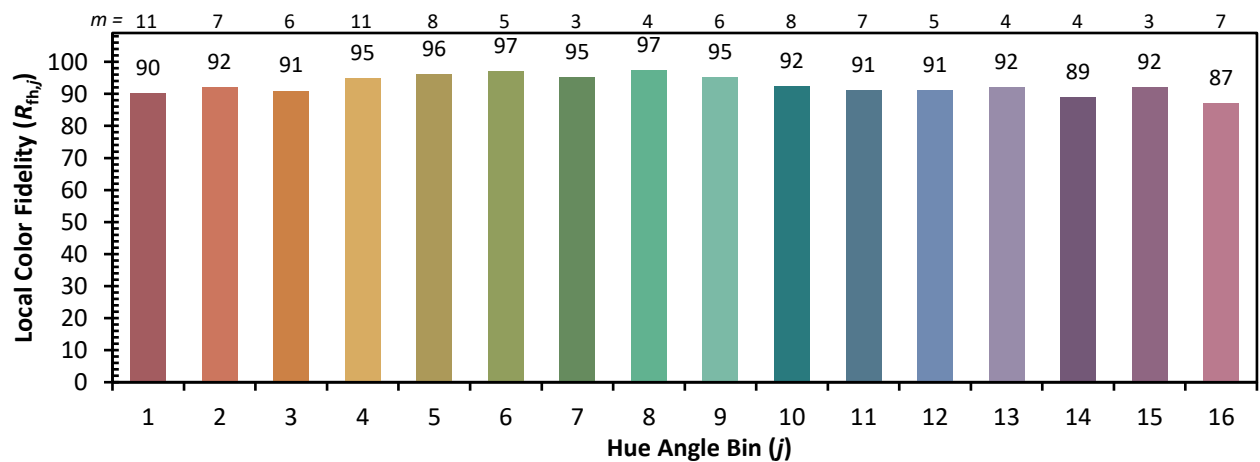
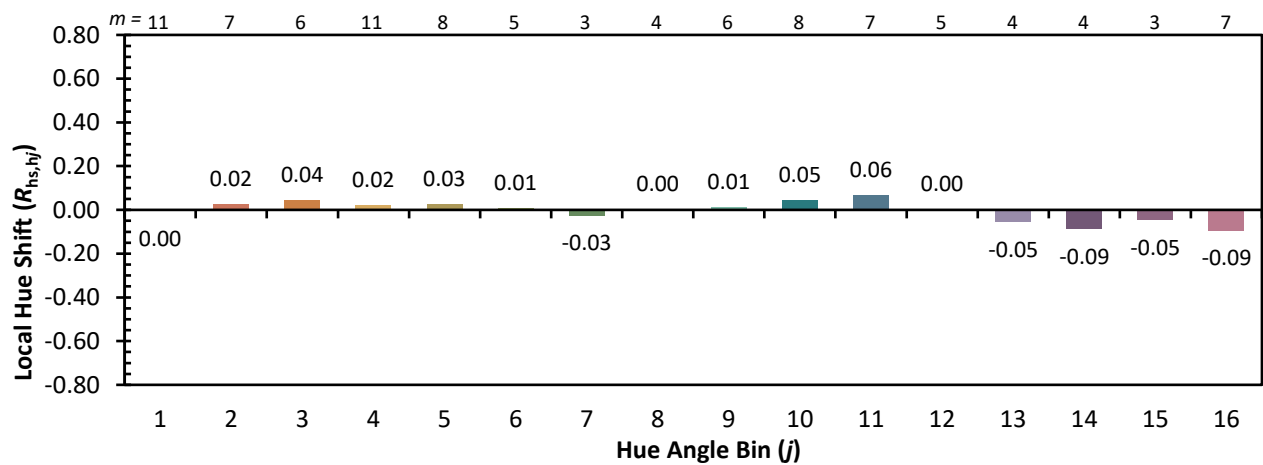
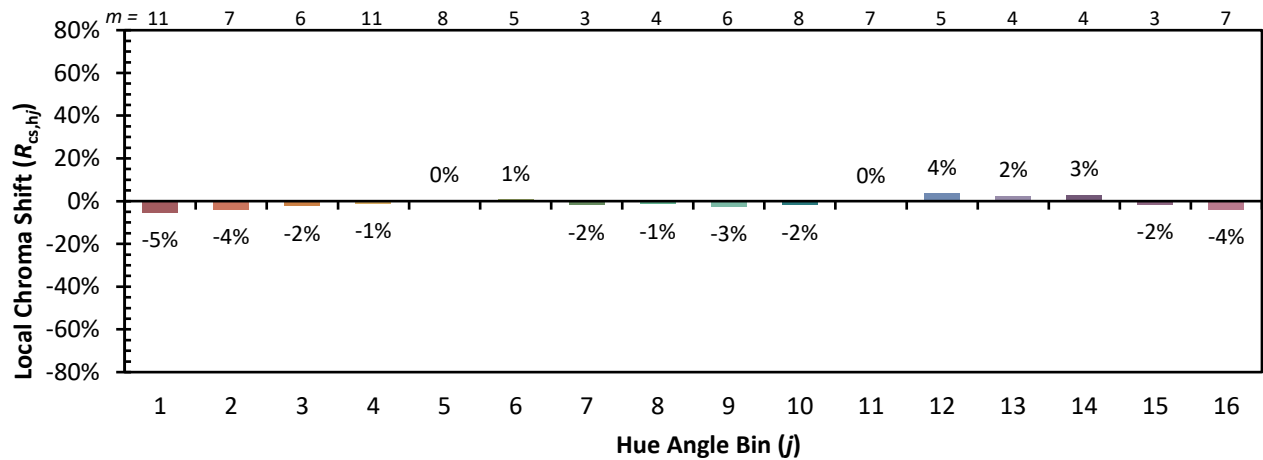
Color Vector Graphics



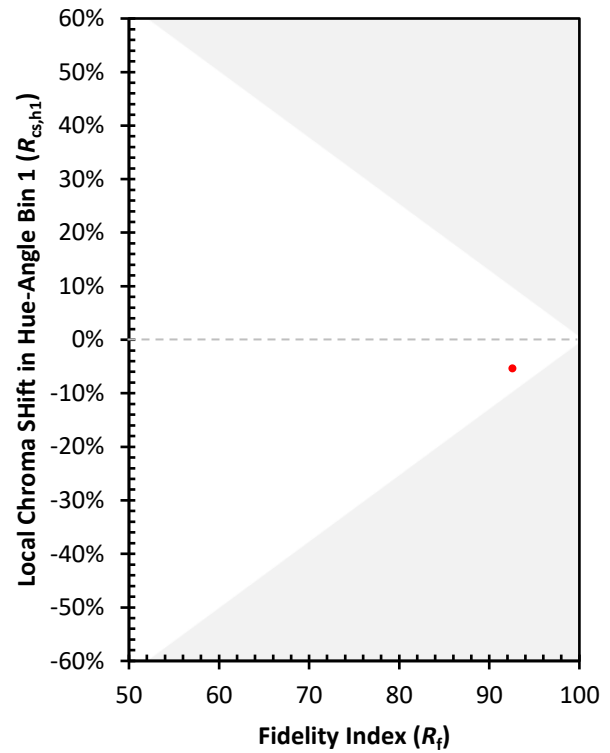
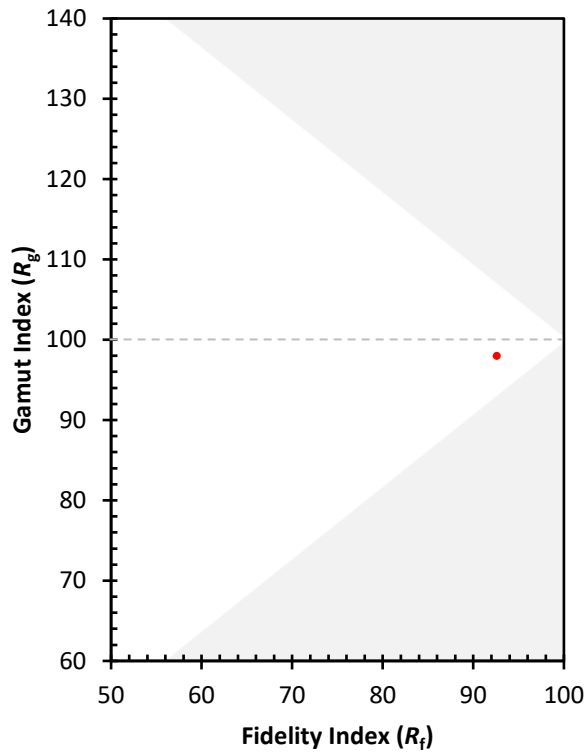
Individual Sample Fidelity Index ($R_{f,i}$)

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)