

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: P1048685

Luminaire Tested: **GALN-SA5A-927-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048685
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-927-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11270.5 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

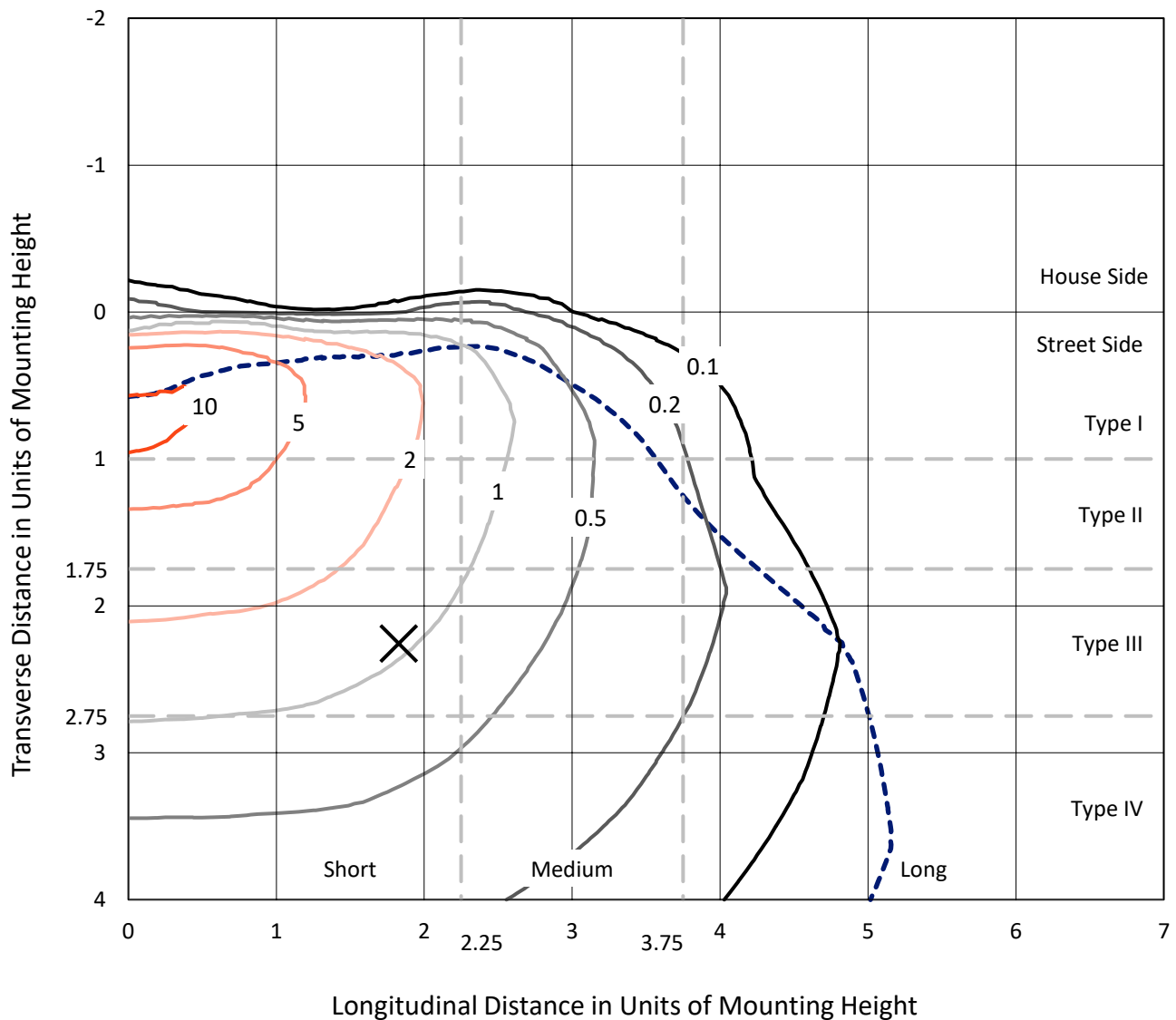


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

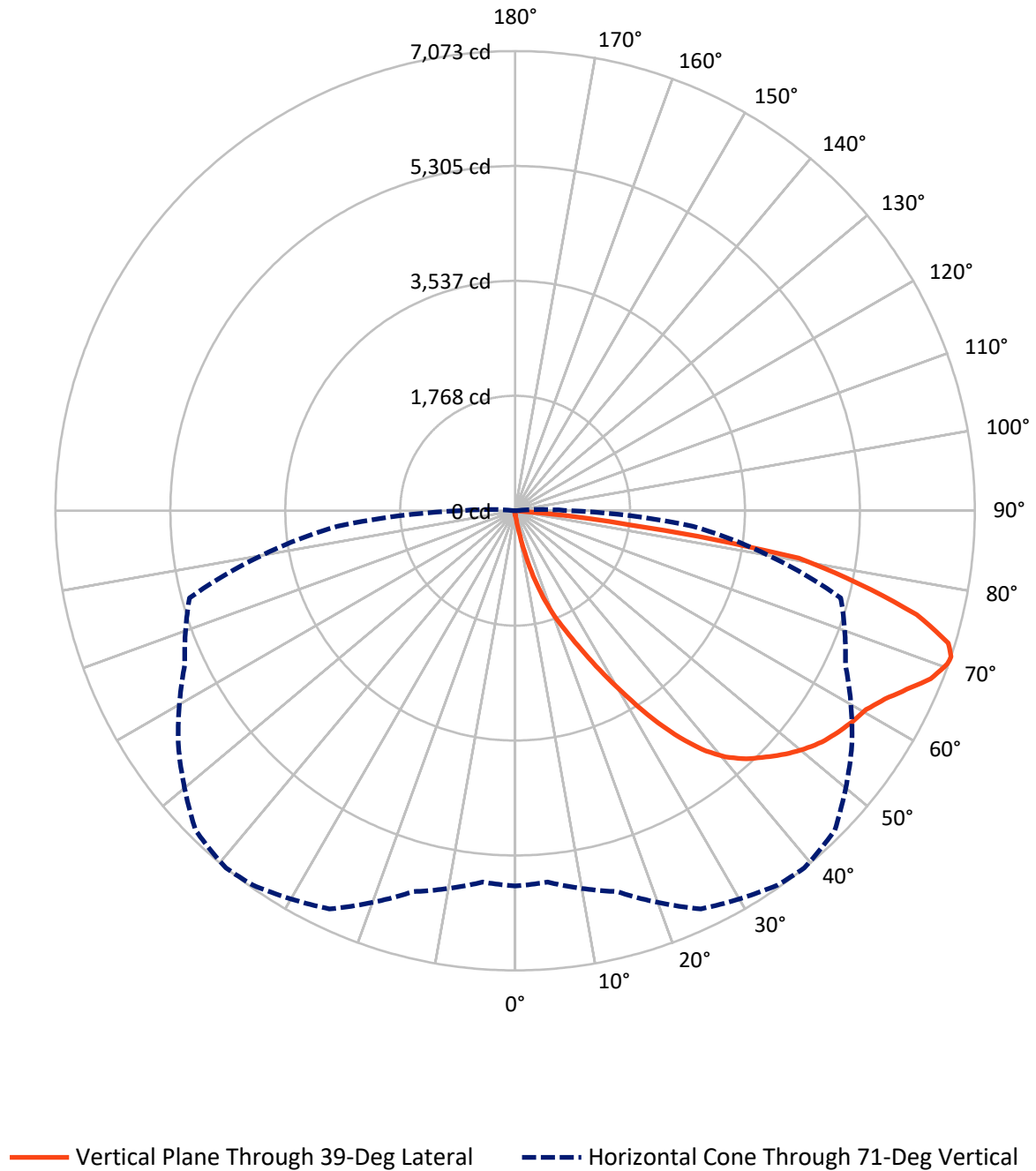


Based on 15 foot mounting height. Maximum calculated value = 11.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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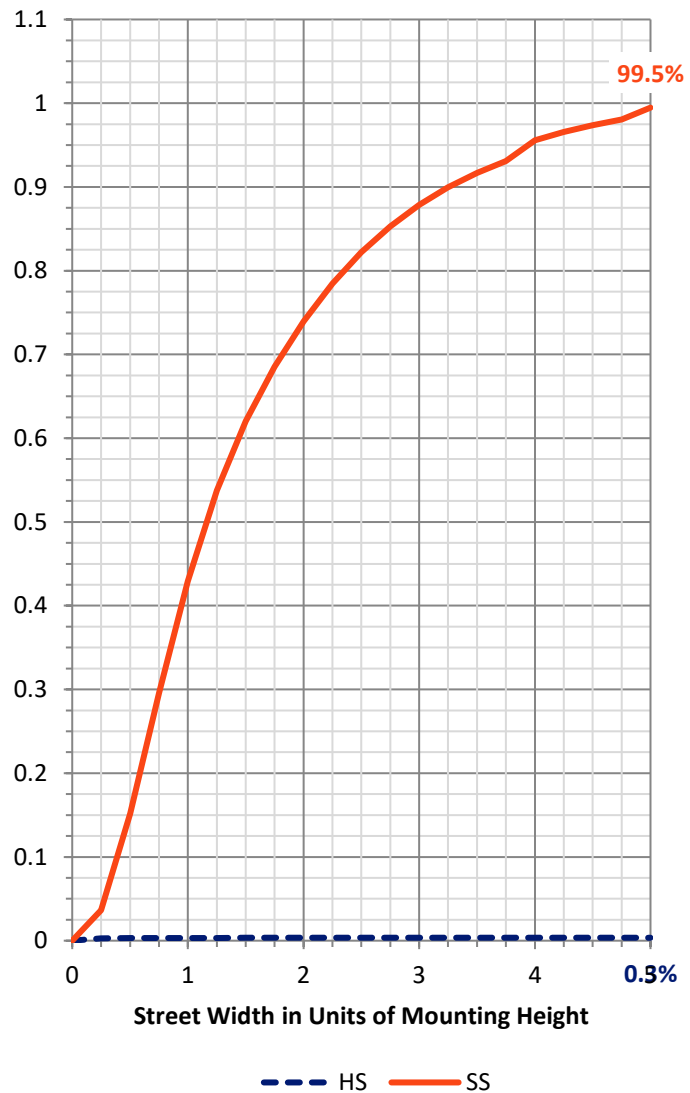
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	40.1	0.0	40.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11230.5	0.0	11230.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	11270.5	0.0	11270.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.4	0.1
10°-20°	120.5	1.1
20°-30°	429.0	3.8
30°-40°	1033.9	9.2
40°-50°	1730.3	15.4
50°-60°	2222.4	19.7
60°-70°	2812.4	25.0
70°-80°	2507.4	22.2
80°-90°	405.3	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°	11270.5	100.0
0°-180°	11270.5	100.0



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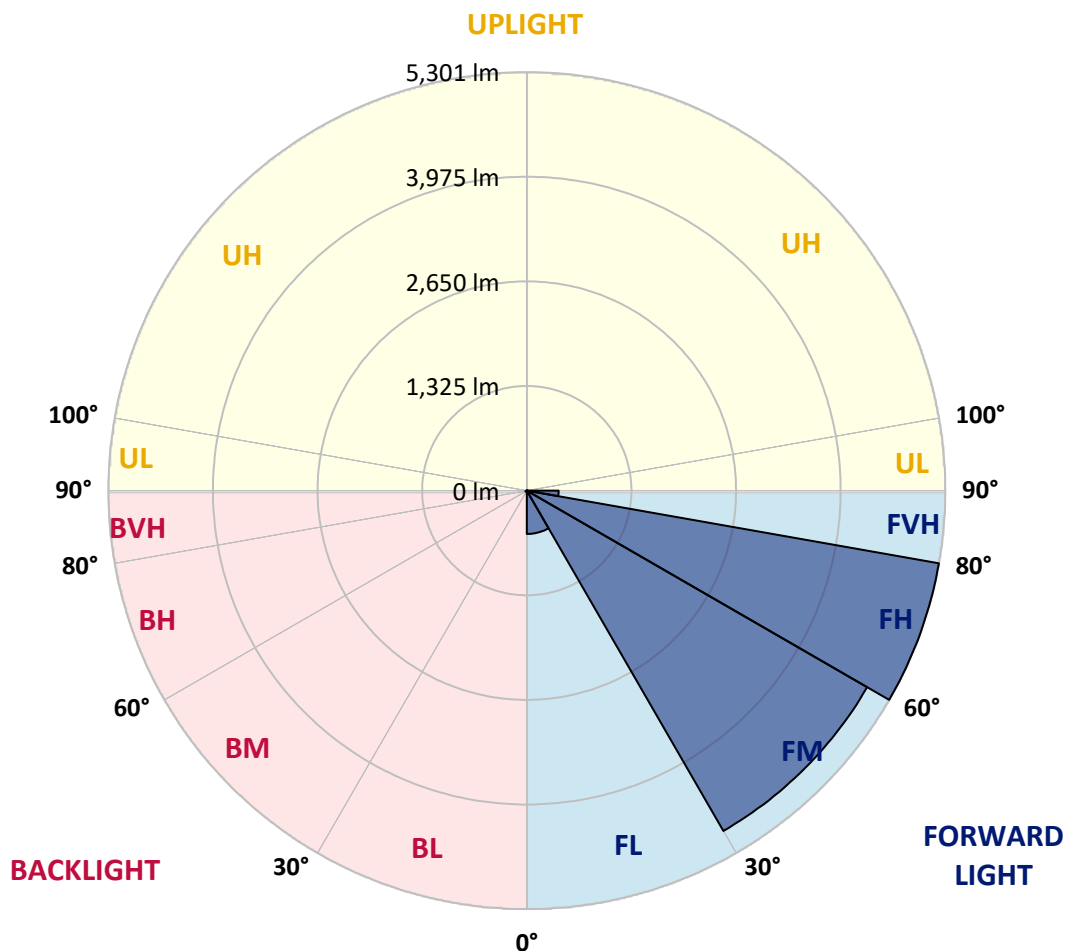
CATALOG NUMBER: GALN-SA5A-927-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	549.2	4.9			
FM	(30°-60°)	4977.3	44.2			
FH	(60°-80°)	5300.6	47.0			G3/7500
FVH	(80°-90°)	403.5	3.6			G3/500
BL	(0°-30°)	9.7	0.1	B0/110		
BM	(30°-60°)	9.3	0.1	B0/220		
BH	(60°-80°)	19.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
2.5°	71.0	71.0	71.0	68.7	68.7	67.9	67.1	67.1	65.6	64.9	63.3
5°	107.6	105.3	99.9	96.9	90.8	87.0	83.2	77.8	72.5	68.7	64.1
7.5°	243.4	248.7	231.2	198.4	164.8	150.3	125.9	101.5	83.9	72.5	64.9
10°	620.3	617.2	557.7	492.1	380.0	334.9	262.5	165.6	108.3	79.3	65.6
12.5°	1055.2	1052.1	981.9	892.7	744.6	650.8	513.5	309.0	155.6	90.0	65.6
15°	1420.6	1408.4	1386.3	1297.8	1124.6	1046.0	864.4	546.3	251.8	108.3	67.1
17.5°	1662.5	1651.8	1631.2	1599.2	1489.3	1396.2	1250.5	858.3	407.4	140.4	70.2
20°	1884.5	1876.9	1860.1	1854.0	1783.0	1733.4	1612.9	1216.9	634.8	190.7	74.8
22.5°	2189.7	2173.7	2180.5	2143.9	2074.5	2015.0	1941.0	1592.3	912.5	274.7	83.2
25°	2563.5	2555.9	2536.8	2510.9	2414.8	2362.9	2249.2	1946.3	1223.0	384.5	92.3
27.5°	3015.2	3006.8	3002.2	2942.7	2832.1	2775.6	2616.9	2280.5	1572.5	538.6	104.5
30°	3535.5	3539.3	3509.6	3433.3	3304.4	3225.0	3061.7	2630.7	1930.3	719.5	117.5
32.5°	4074.2	4066.6	4020.8	3930.7	3815.5	3741.5	3534.0	3014.4	2305.7	958.3	132.8
35°	4654.8	4640.3	4519.7	4416.7	4318.3	4225.2	4036.0	3460.0	2681.0	1226.1	153.4
37.5°	5240.7	5172.8	4931.0	4800.5	4732.6	4656.3	4480.1	3935.3	3054.1	1525.1	178.5
40°	5683.3	5630.6	5343.7	5103.4	5049.2	4984.4	4853.2	4345.8	3450.8	1846.4	209.0
42.5°	5928.2	5899.2	5641.3	5404.0	5276.6	5219.4	5107.2	4704.4	3843.0	2201.1	253.3
45°	6032.7	5987.7	5815.2	5704.6	5501.7	5407.1	5273.5	4975.2	4252.7	2604.0	315.1
47.5°	6000.6	5974.7	5851.1	5891.5	5744.3	5597.0	5401.0	5182.8	4602.9	3066.3	399.8
50°	5799.2	5777.1	5738.9	5957.9	5939.6	5765.7	5565.8	5346.8	4889.0	3543.2	531.0
52.5°	5416.2	5407.1	5504.7	5906.0	6050.2	5914.4	5724.5	5491.8	5156.1	4041.4	718.7
55°	4922.6	4960.0	5239.2	5825.2	6106.7	6024.3	5864.8	5627.6	5370.4	4486.9	995.7
57.5°	4719.6	4729.6	5078.2	5767.9	6131.9	6121.2	6001.4	5757.3	5567.3	4843.2	1418.3
60°	4956.9	4941.7	5125.5	5811.4	6182.2	6208.2	6122.7	5877.8	5738.2	5149.2	1981.4
62.5°	5385.7	5377.3	5436.1	5996.8	6329.5	6382.1	6291.3	5964.8	5889.3	5350.6	2623.8
65°	5768.7	5751.2	5860.3	6325.7	6588.1	6625.5	6546.2	6113.6	5955.6	5497.1	3227.3
67.5°	5934.3	5930.5	6105.9	6638.5	6859.7	6900.2	6830.7	6318.8	5940.4	5543.6	3493.6
70°	5858.7	5844.2	6125.0	6771.2	7013.1	7058.9	6991.7	6395.1	5774.8	5396.4	3099.1
71°	5775.6	5736.7	6067.8	6762.1	7034.4	7073.4	6955.9	6325.7	5608.5	5187.3	2741.3
72.5°	5517.7	5524.6	5910.6	6666.7	6983.3	6971.9	6752.9	6076.9	5407.8	4712.8	2201.9
75°	4882.9	4923.4	5401.7	6266.2	6527.1	6381.4	6046.4	5601.6	5005.0	3379.1	1529.0
77.5°	3990.3	4050.5	4576.2	5495.6	5421.6	5407.1	5393.3	4935.6	4274.1	1815.1	1063.6
80°	1905.1	2035.6	2760.4	3923.1	4261.9	4425.9	4322.9	3977.3	3305.1	864.4	635.5
82.5°	124.4	122.8	174.0	329.6	1389.3	1796.0	2853.5	2842.8	2304.1	421.2	259.4
85°	58.7	60.3	66.4	75.5	87.7	96.1	132.8	778.2	1102.5	200.7	56.5
87.5°	34.3	35.1	41.2	52.6	68.7	76.3	90.8	116.7	143.4	110.6	12.2
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: P1048685

CATALOG NUMBER: GALN-SA5A-927-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
2.5°	62.6	61.8	59.5	57.2	54.9	53.4	52.6	53.4	53.4	54.2	54.2
5°	62.6	60.3	56.5	51.9	48.8	45.8	44.3	43.5	44.3	44.3	44.3
7.5°	61.8	58.0	52.6	47.3	43.5	39.7	38.1	37.4	37.4	38.1	38.1
10°	60.3	56.5	49.6	43.5	38.9	34.3	32.0	29.8	29.8	29.8	30.5
12.5°	59.5	54.2	45.8	39.7	33.6	28.2	23.7	21.4	22.1	22.1	22.1
15°	58.0	51.9	43.5	35.9	28.2	21.4	17.5	15.3	16.0	16.8	16.0
17.5°	58.0	51.1	40.4	31.3	22.1	16.0	13.0	11.4	11.4	12.2	12.2
20°	58.0	49.6	38.1	26.7	16.8	12.2	9.2	8.4	8.4	9.9	10.7
22.5°	59.5	49.6	35.1	22.1	13.7	9.2	6.9	6.1	6.9	8.4	9.2
25°	61.8	48.8	32.0	19.8	11.4	6.9	5.3	3.8	4.6	6.1	6.9
27.5°	64.1	48.1	29.0	17.5	9.2	5.3	3.8	3.1	2.3	3.1	3.1
30°	66.4	48.1	25.9	14.5	7.6	3.8	2.3	1.5	0.8	0.0	0.0
32.5°	67.9	46.5	23.7	11.4	6.1	3.1	1.5	0.8	0.0	0.0	0.0
35°	69.4	45.0	20.6	9.2	4.6	2.3	0.8	0.0	0.0	0.0	0.0
37.5°	71.0	42.7	17.5	7.6	3.8	1.5	0.0	0.0	0.0	0.0	0.0
40°	72.5	39.7	14.5	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	74.0	37.4	12.2	5.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	77.8	35.9	9.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	84.7	34.3	9.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	94.6	32.8	8.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	108.3	32.0	7.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	132.8	31.3	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	174.7	30.5	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	267.8	29.0	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	478.4	28.2	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	833.9	29.0	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1195.6	30.5	5.3	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	1023.1	26.7	5.3	3.1	1.5	0.8	0.0	0.0	0.0	0.0	0.0
71°	833.9	23.7	5.3	3.1	1.5	0.8	0.8	0.0	0.0	0.0	0.0
72.5°	536.4	18.3	4.6	3.1	1.5	1.5	0.8	0.0	0.0	0.0	0.0
75°	226.6	15.3	4.6	3.1	2.3	1.5	1.5	0.8	0.0	0.0	0.0
77.5°	96.9	11.4	4.6	3.8	3.1	2.3	2.3	1.5	0.8	0.0	0.0
80°	36.6	9.2	5.3	4.6	3.8	3.8	3.1	1.5	0.8	0.0	0.0
82.5°	16.8	7.6	5.3	4.6	4.6	3.8	3.1	2.3	1.5	0.0	0.0
85°	10.7	6.9	5.3	4.6	4.6	3.8	3.8	2.3	1.5	0.0	0.0
87.5°	8.4	6.9	5.3	5.3	4.6	4.6	3.1	2.3	0.8	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

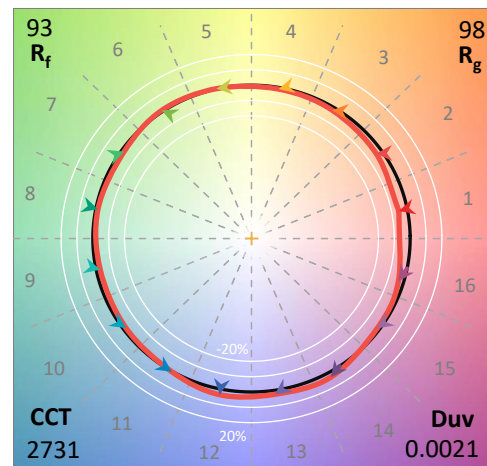
Test Information

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

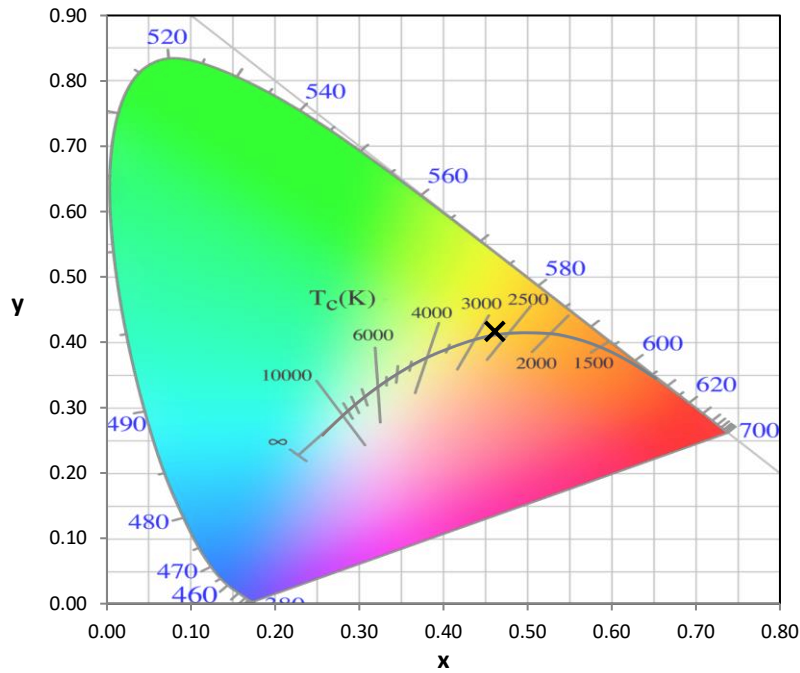
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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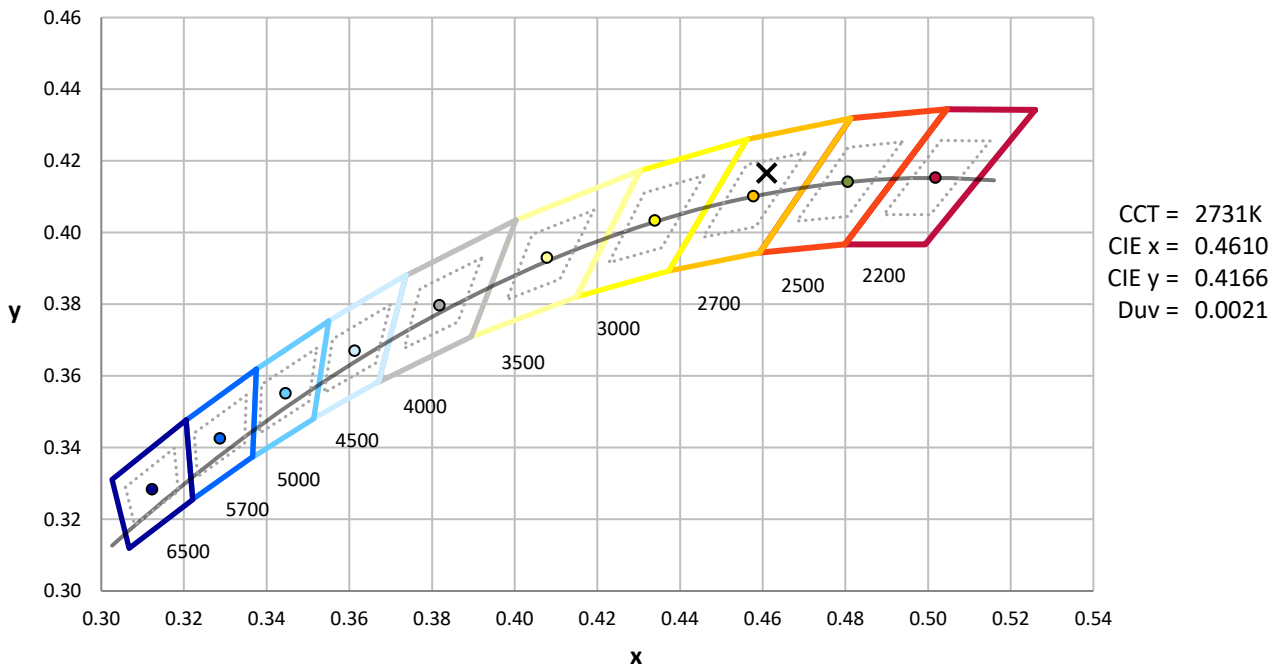
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



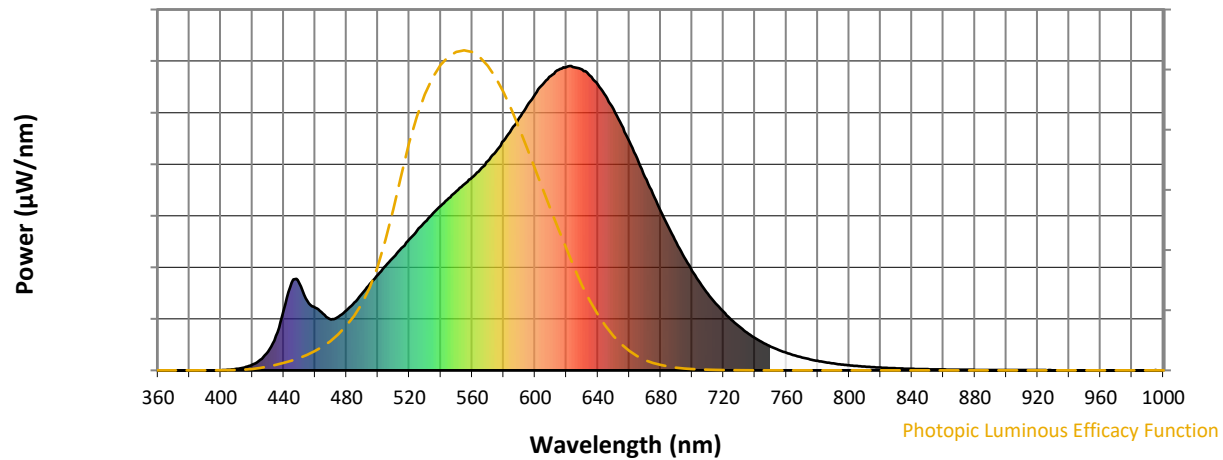
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 2731K
 CIE x = 0.4610
 CIE y = 0.4166
 Duv = 0.0021

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Photopic Flux vs. Wavelength

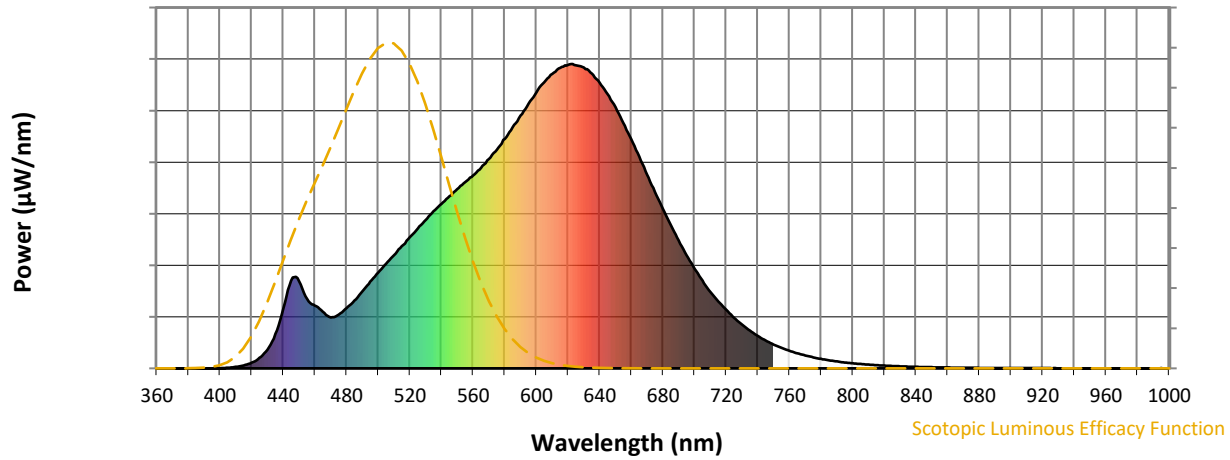


Photopic Lumens: NR

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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Scotopic Flux vs. Wavelength



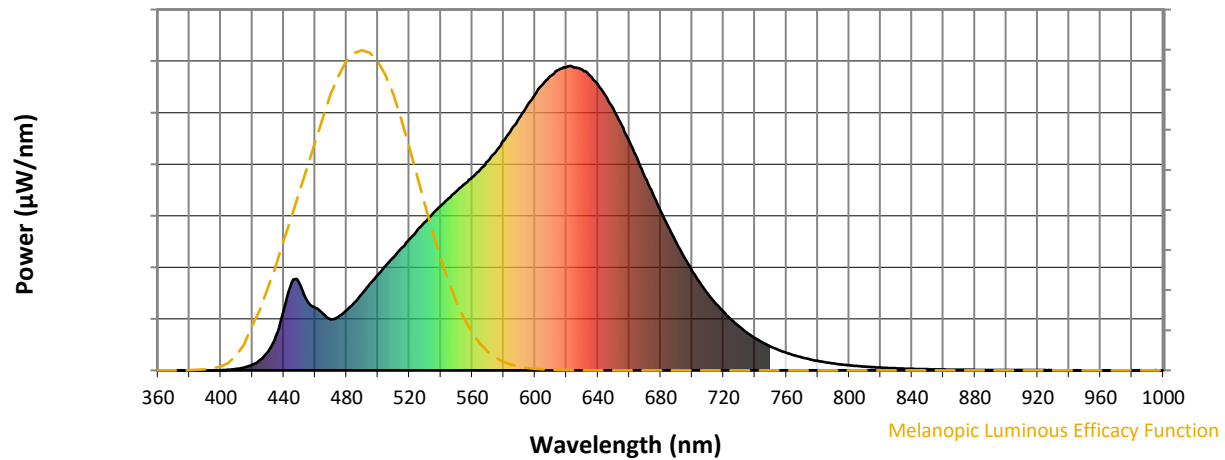
Scotopic Lumens: NR

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

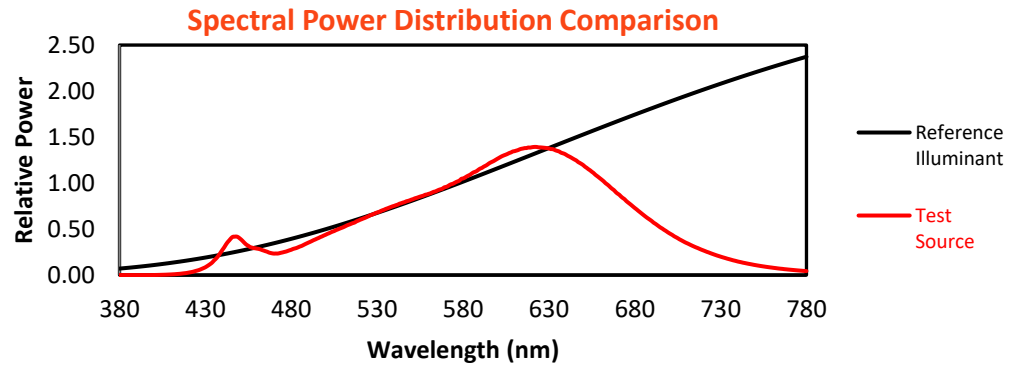
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	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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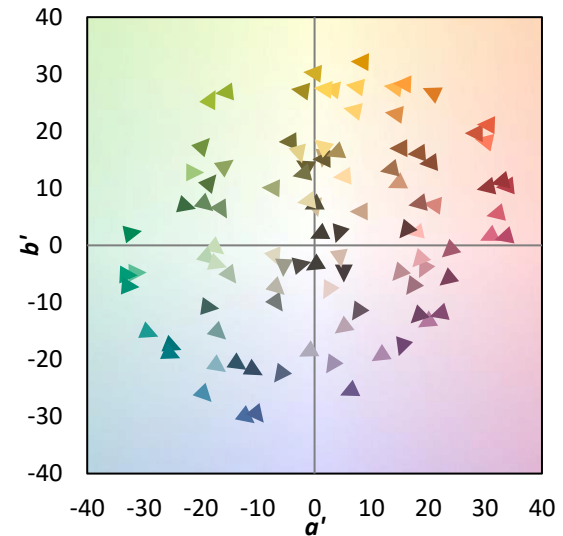
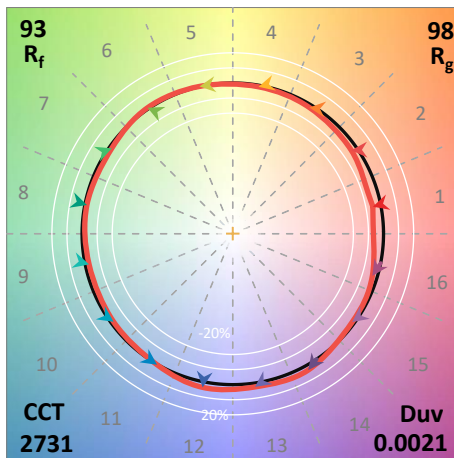
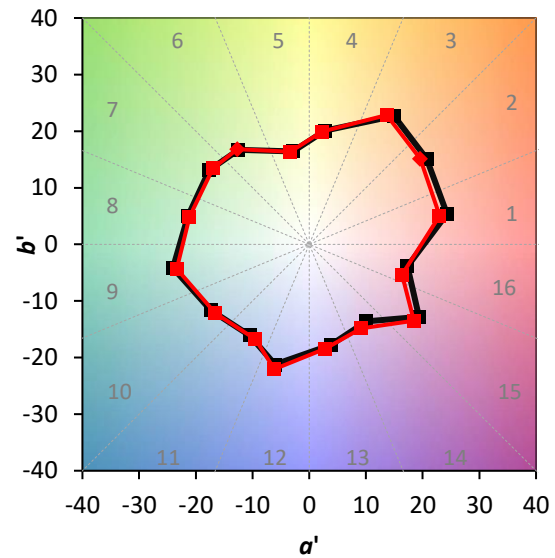
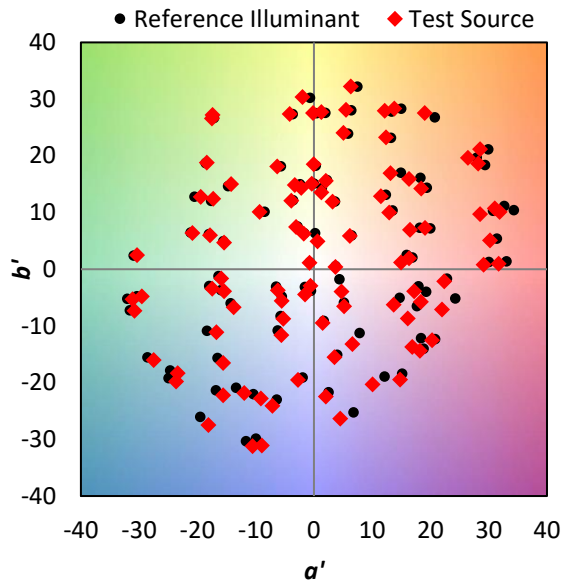
TM-30-18

Summary

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

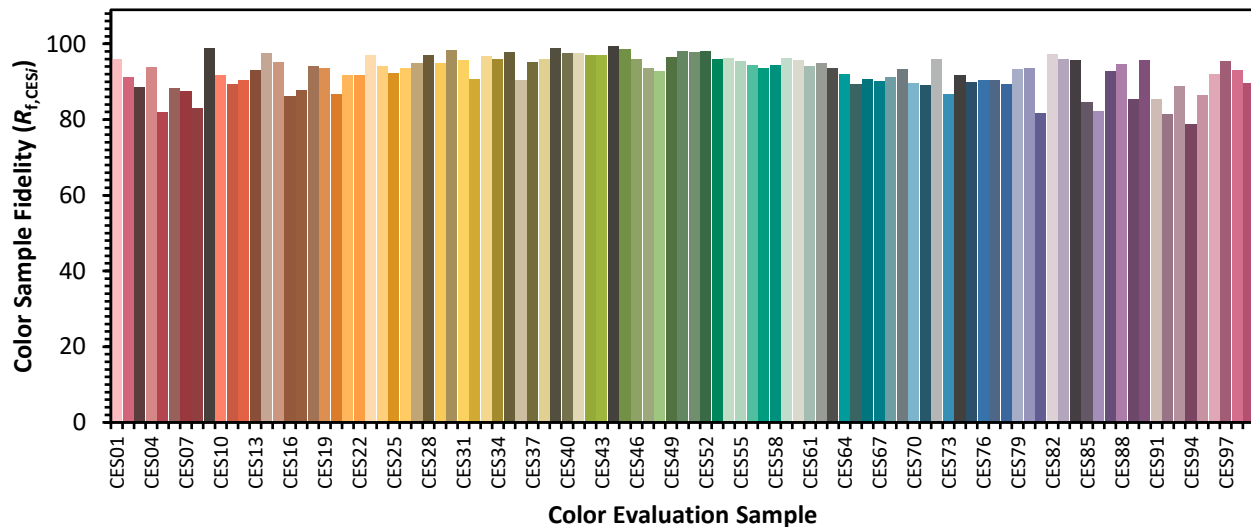


Color Vector Graphics

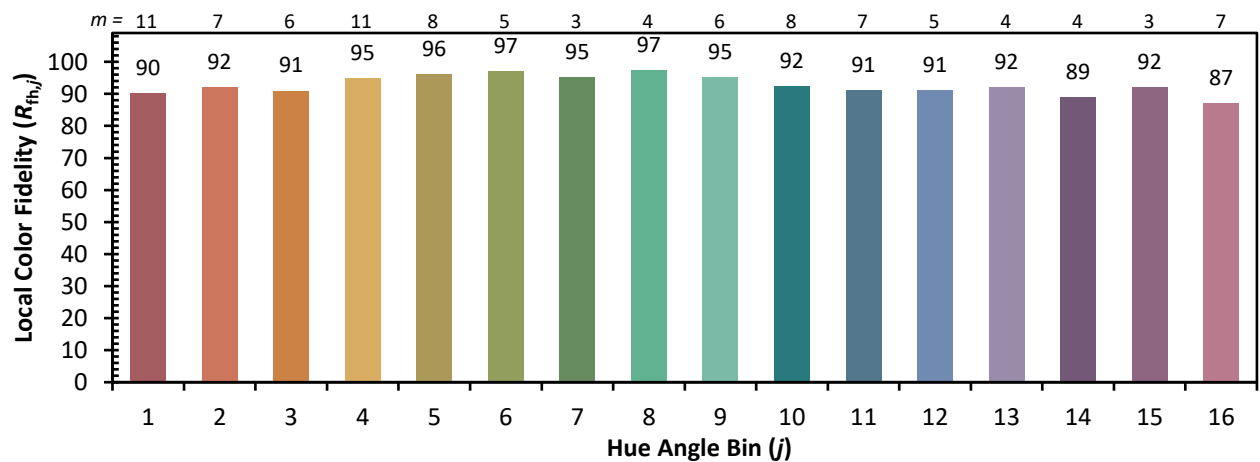
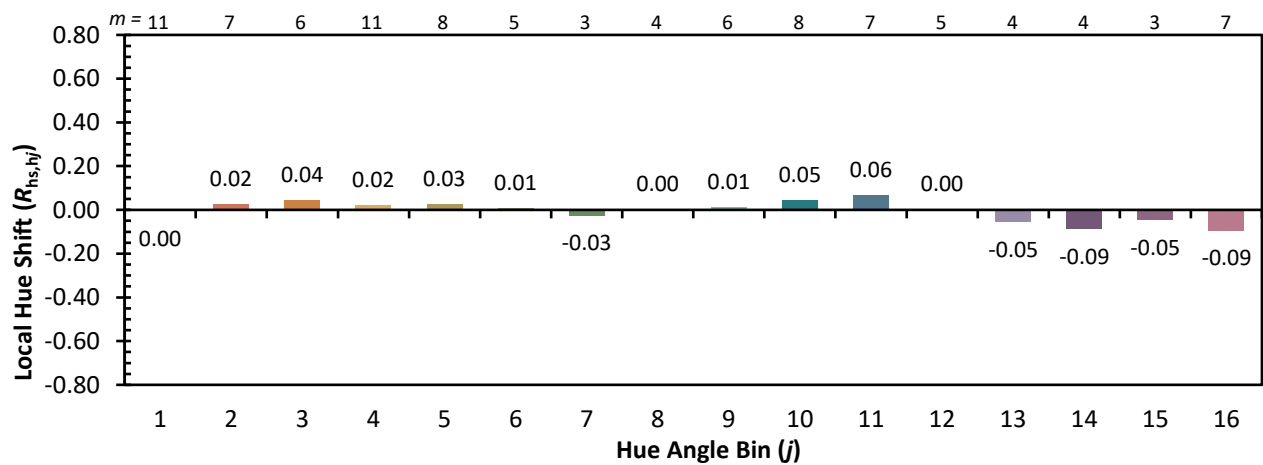
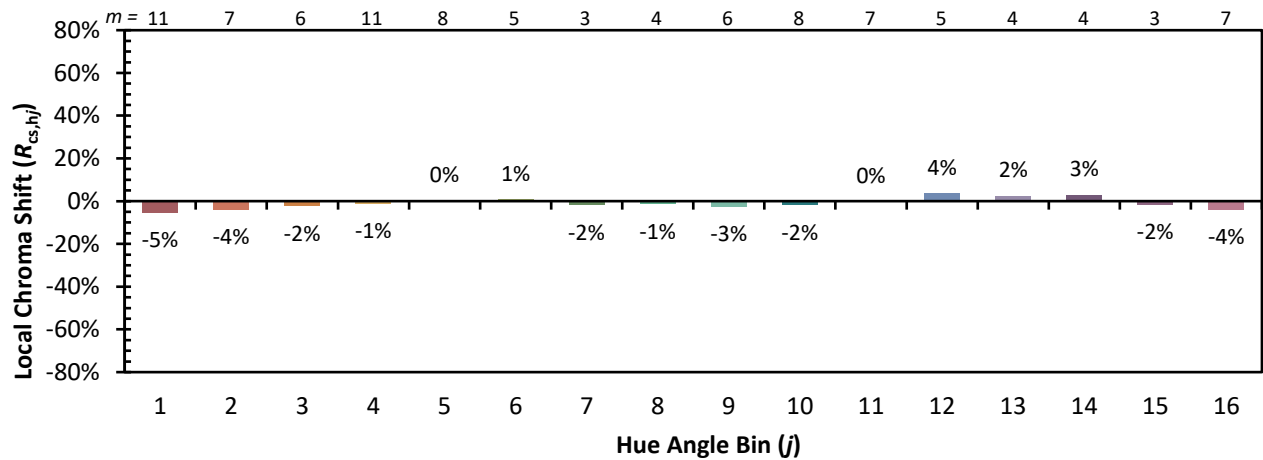


Individual Sample Fidelity Index ($R_{f,i}$)

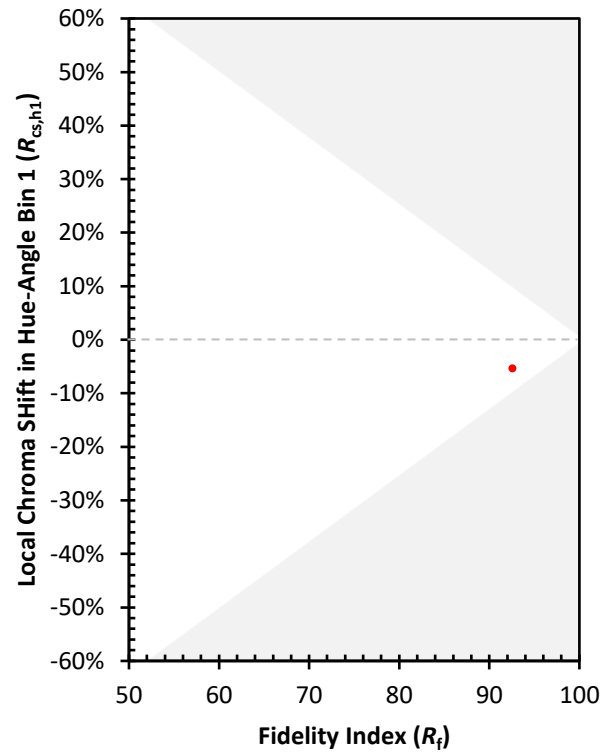
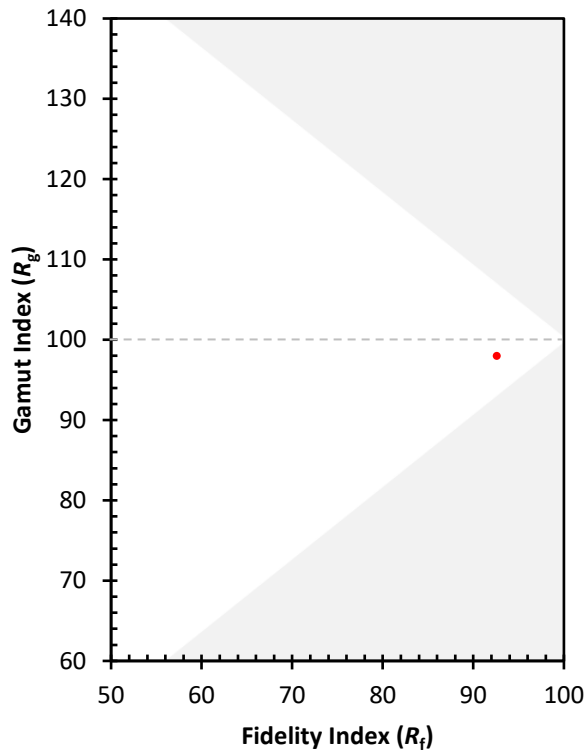
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82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