

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: P1047461

Luminaire Tested: **GALN-SA5A-927-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047461
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11654.9 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

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

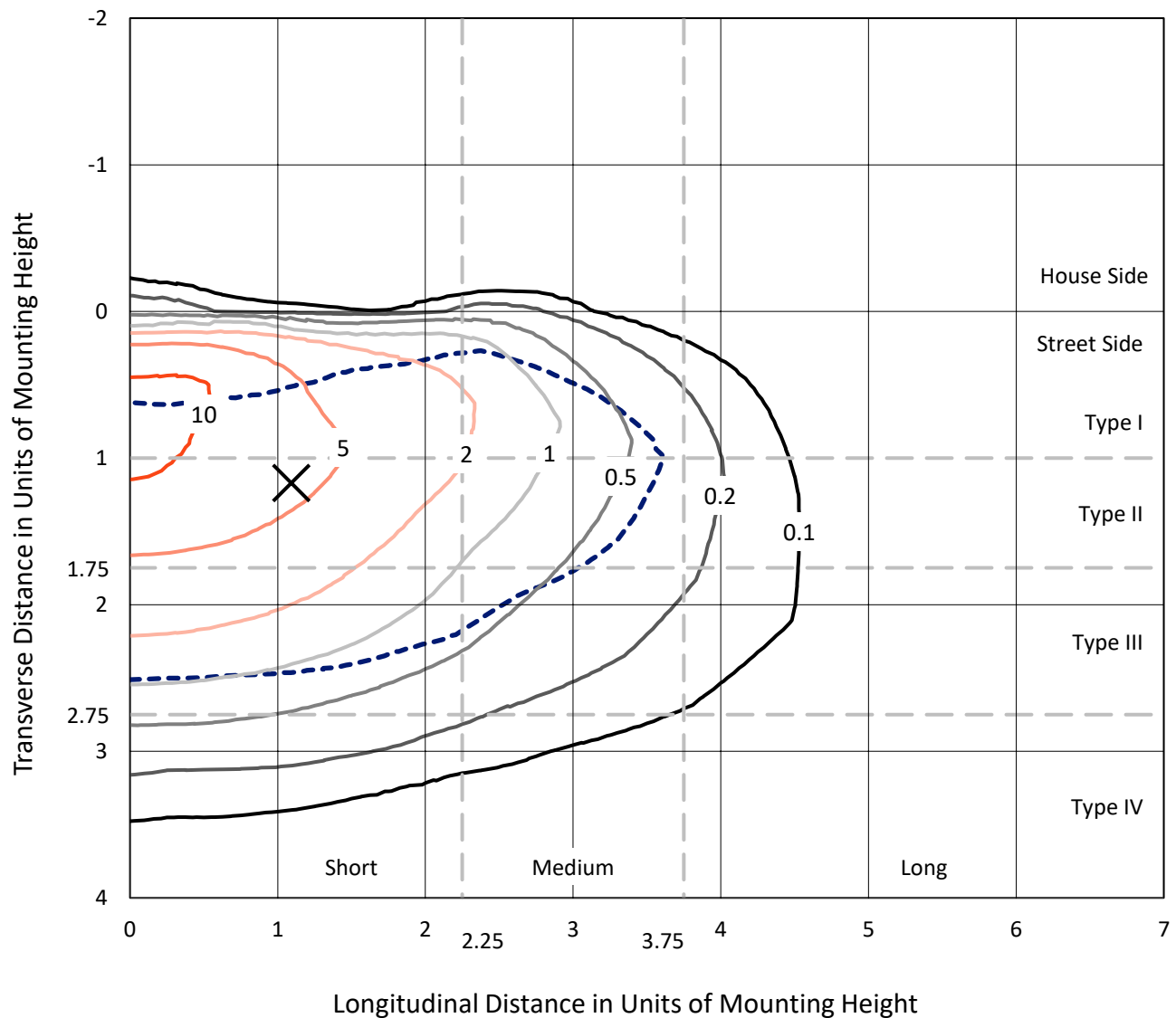


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

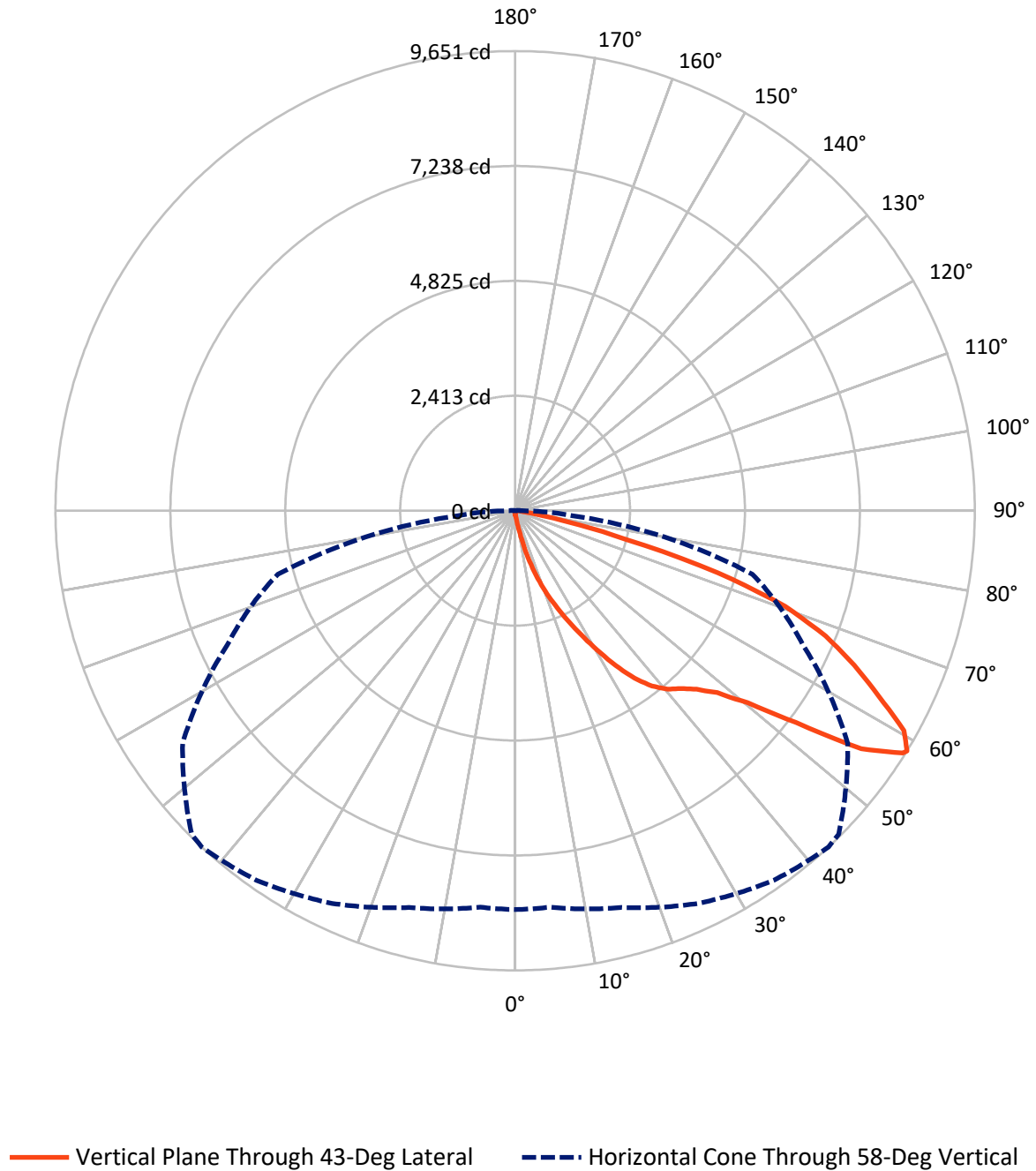


Based on 15 foot mounting height. Maximum calculated value = 13.1 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA5A-927-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	42.5	0.0	42.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11612.4	0.0	11612.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	11654.9	0.0	11654.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.1
10°-20°	134.0	1.1
20°-30°	482.9	4.1
30°-40°	1104.8	9.5
40°-50°	1863.4	16.0
50°-60°	3075.0	26.4
60°-70°	3436.8	29.5
70°-80°	1419.0	12.2
80°-90°	127.9	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°	11654.9	100.0
0°-180°	11654.9	100.0



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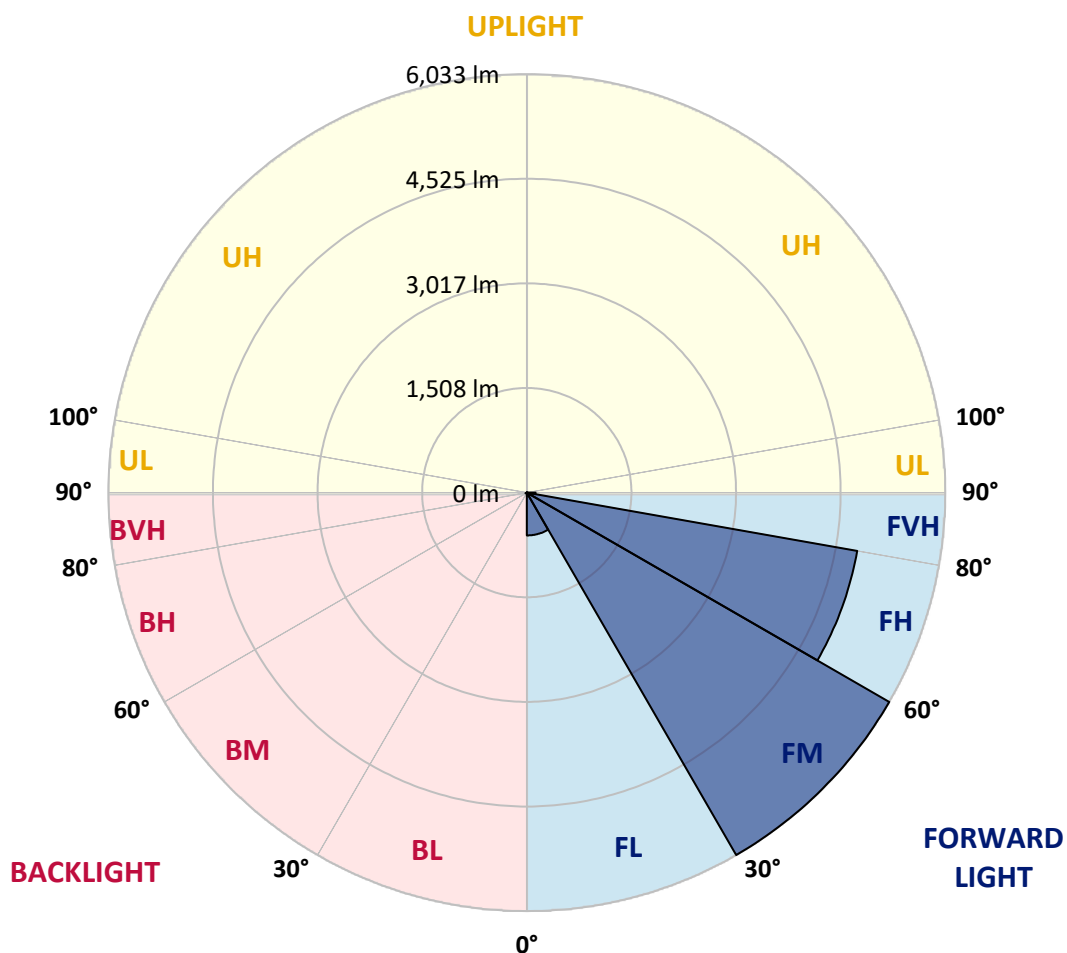
CATALOG NUMBER: GALN-SA5A-927-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	616.9	5.3			
FM	(30°-60°)	6033.1	51.8			
FH	(60°-80°)	4836.3	41.5			G2/5000
FVH	(80°-90°)	126.2	1.1			G2/225
BL	(0°-30°)	11.1	0.1	B0/110		
BM	(30°-60°)	10.2	0.1	B0/220		
BH	(60°-80°)	19.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2.5°	91.4	94.5	91.4	91.4	91.4	88.4	88.4	85.4	85.4	82.3	79.3
5°	134.1	134.1	125.0	118.9	112.8	109.7	106.7	100.6	94.5	88.4	82.3
7.5°	298.7	298.7	271.3	234.7	185.9	158.5	152.4	125.0	106.7	94.5	82.3
10°	713.3	713.3	652.3	551.7	426.8	317.0	283.5	179.8	128.0	100.6	85.4
12.5°	1185.8	1201.0	1124.8	996.8	810.8	618.8	551.7	329.2	170.7	109.7	85.4
15°	1609.5	1572.9	1551.6	1429.6	1252.8	1024.2	938.9	554.8	246.9	125.0	85.4
17.5°	1896.0	1896.0	1865.5	1783.2	1621.7	1420.5	1350.4	896.2	399.3	143.3	88.4
20°	2231.3	2231.3	2176.5	2118.5	1975.3	1804.6	1737.5	1274.2	618.8	182.9	88.4
22.5°	2636.7	2642.8	2581.9	2478.2	2341.1	2152.1	2094.1	1624.7	896.2	243.9	91.4
25°	3130.6	3136.7	3048.3	2950.7	2740.4	2536.1	2447.7	2027.1	1234.5	341.4	91.4
27.5°	3676.2	3718.9	3587.8	3420.1	3197.6	2941.6	2874.5	2389.8	1569.8	481.6	97.5
30°	4356.0	4356.0	4182.2	3947.5	3706.7	3389.7	3304.3	2770.9	1926.5	667.6	103.6
32.5°	4941.2	4895.5	4673.0	4426.1	4170.0	3874.3	3782.9	3170.2	2292.3	899.2	115.8
35°	5389.3	5349.7	5075.3	4810.1	4587.6	4316.3	4206.6	3603.0	2679.4	1161.4	134.1
37.5°	5773.4	5758.1	5386.3	5054.0	4907.7	4669.9	4572.4	4011.5	3060.4	1444.9	155.5
40°	6194.0	6145.3	5749.0	5337.5	5118.0	4926.0	4837.6	4340.7	3426.2	1777.1	185.9
42.5°	6553.7	6495.8	6139.2	5736.8	5361.9	5102.8	5017.4	4618.1	3782.9	2109.4	225.6
45°	6953.1	6922.6	6562.9	6258.1	5758.1	5343.6	5230.8	4840.6	4109.0	2505.7	277.4
47.5°	7553.6	7498.7	7163.4	6913.4	6334.3	5709.4	5547.8	5069.2	4423.0	2895.8	356.6
50°	8251.6	8215.0	8016.9	7818.8	7242.6	6334.3	6142.2	5398.5	4773.6	3359.2	460.3
52.5°	8821.6	8815.5	8839.9	8843.0	8407.1	7385.9	7099.4	5928.8	5175.9	3816.4	606.6
55°	8809.4	8836.9	9105.1	9413.0	9446.5	8821.6	8544.2	6822.0	5700.2	4380.3	810.8
57.5°	8480.2	8458.9	8742.4	9205.7	9531.9	9598.9	9553.2	8208.9	6489.7	5060.1	1124.8
58°	8373.5	8355.3	8623.5	9096.0	9470.9	9650.8	9605.0	8522.9	6666.5	5157.6	1210.2
60°	7986.4	7989.5	8148.0	8577.8	8952.7	9379.5	9422.1	9419.1	7547.5	5810.0	1640.0
62.5°	7474.3	7449.9	7596.2	7946.8	8276.0	8562.5	8635.7	9480.1	8836.9	6639.1	2459.9
65°	6767.1	6730.5	6886.0	7282.3	7635.9	7821.8	7824.9	8663.1	9443.5	7529.2	3630.5
67.5°	5453.3	5422.8	5733.8	6242.8	6788.5	7032.3	7142.1	7517.0	8931.4	8132.7	4301.1
70°	3340.9	3404.9	3837.7	4636.4	5569.2	6017.2	6181.9	6297.7	7605.4	8041.3	3596.9
72.5°	1542.4	1466.2	1835.0	2392.9	3456.7	4453.5	4624.2	5078.4	6029.4	6980.5	2682.5
75°	719.4	692.0	777.3	1045.6	1566.8	2405.1	2716.0	4054.2	4624.2	4855.9	1935.6
77.5°	368.8	371.9	442.0	475.5	646.2	1112.6	1277.2	2667.2	3389.7	2709.9	1298.6
80°	161.6	167.7	170.7	185.9	262.1	429.8	484.7	1237.6	2316.7	1380.9	710.2
82.5°	103.6	106.7	106.7	106.7	125.0	170.7	195.1	496.9	1155.3	685.9	219.5
85°	54.9	54.9	61.0	76.2	88.4	103.6	109.7	158.5	381.0	204.2	51.8
87.5°	30.5	33.5	36.6	45.7	57.9	70.1	76.2	109.7	146.3	140.2	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: P1047461

CATALOG NUMBER: GALN-SA5A-927-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2.5°	79.3	76.2	73.2	70.1	67.1	64.0	64.0	64.0	64.0	64.0	64.0
5°	76.2	73.2	70.1	64.0	57.9	54.9	51.8	48.8	48.8	48.8	48.8
7.5°	76.2	73.2	64.0	57.9	51.8	45.7	39.6	39.6	39.6	39.6	39.6
10°	76.2	70.1	61.0	51.8	42.7	36.6	33.5	30.5	30.5	30.5	30.5
12.5°	76.2	67.1	57.9	45.7	36.6	30.5	27.4	24.4	24.4	24.4	24.4
15°	76.2	67.1	54.9	42.7	33.5	24.4	21.3	18.3	18.3	18.3	18.3
17.5°	73.2	64.0	51.8	36.6	27.4	18.3	15.2	12.2	12.2	15.2	15.2
20°	70.1	61.0	45.7	30.5	21.3	15.2	9.1	9.1	9.1	9.1	9.1
22.5°	70.1	61.0	42.7	27.4	18.3	9.1	6.1	6.1	6.1	6.1	9.1
25°	70.1	57.9	36.6	21.3	12.2	6.1	3.0	3.0	3.0	3.0	3.0
27.5°	70.1	57.9	33.5	18.3	9.1	6.1	3.0	0.0	0.0	0.0	0.0
30°	67.1	54.9	30.5	15.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0
32.5°	67.1	51.8	24.4	12.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0
35°	70.1	48.8	21.3	9.1	3.0	0.0	0.0	0.0	0.0	0.0	3.0
37.5°	73.2	45.7	18.3	6.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	76.2	42.7	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	82.3	42.7	15.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	88.4	42.7	12.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	100.6	45.7	12.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	109.7	48.8	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	121.9	45.7	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	137.2	45.7	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	149.4	42.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	155.5	39.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	185.9	36.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	289.6	30.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	588.3	27.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1097.4	24.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1228.4	27.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	774.3	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	408.5	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	204.2	21.3	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	94.5	15.2	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.6	9.1	6.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	18.3	9.1	6.1	6.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	9.1	9.1	6.1	6.1	3.0	3.0	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

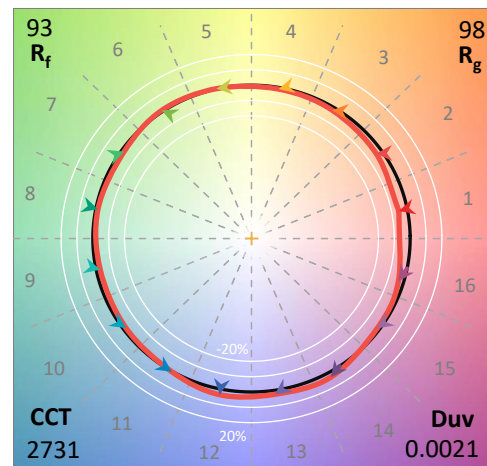
Test Information

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

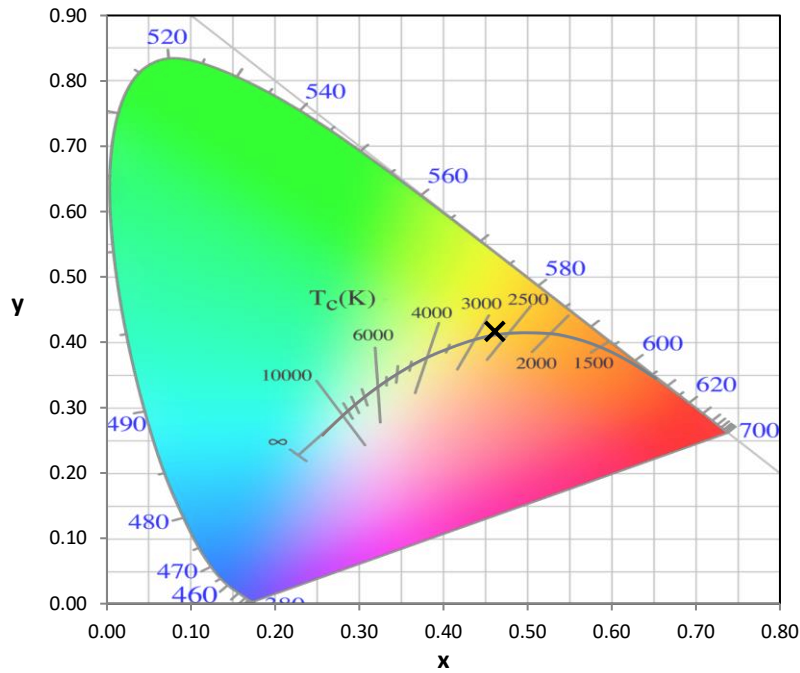
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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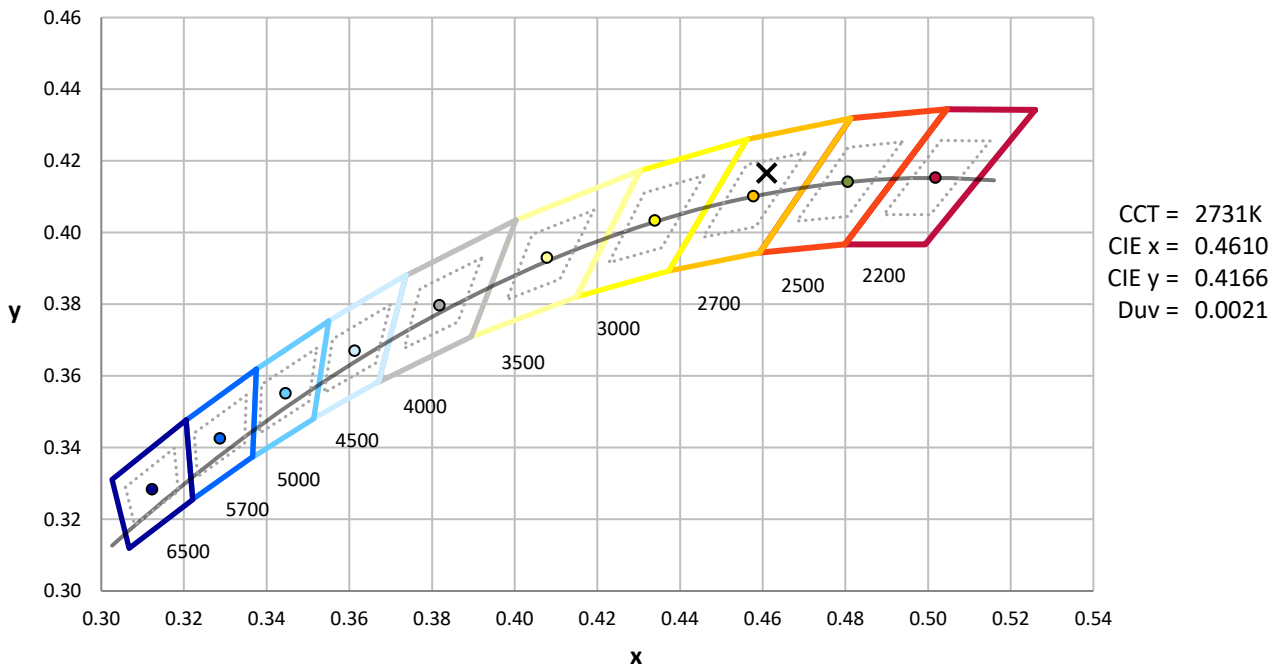
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

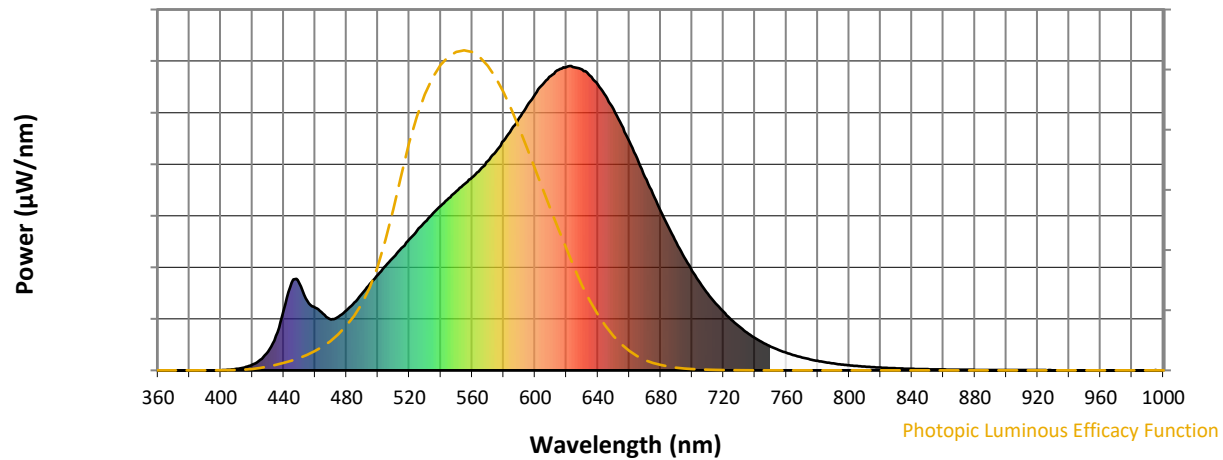


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

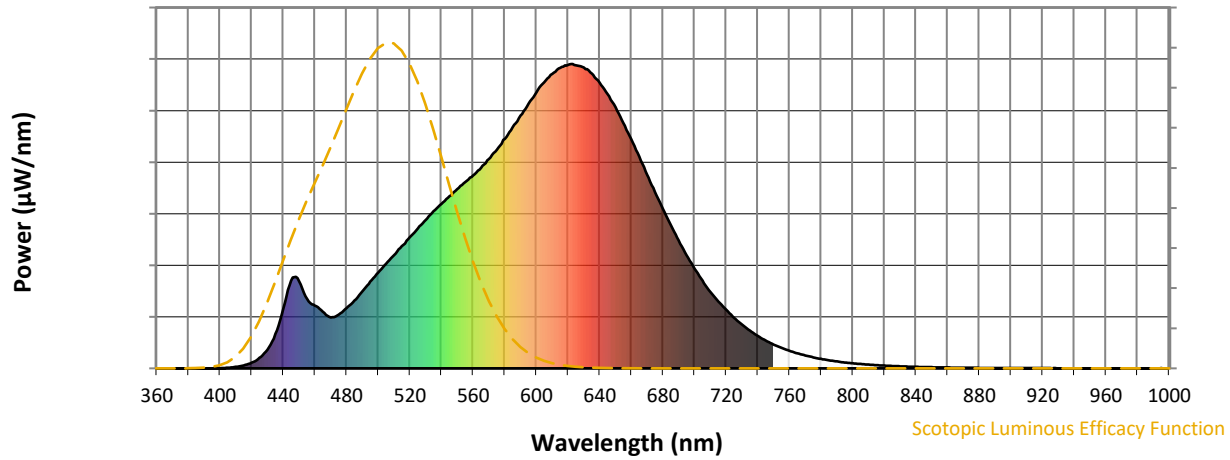
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Photopic Flux vs. Wavelength

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



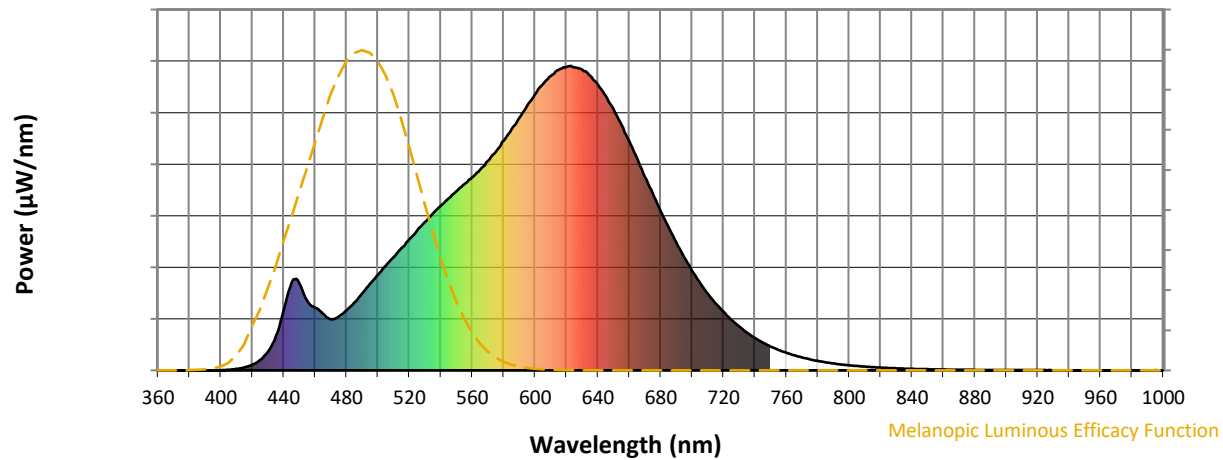
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power W ^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

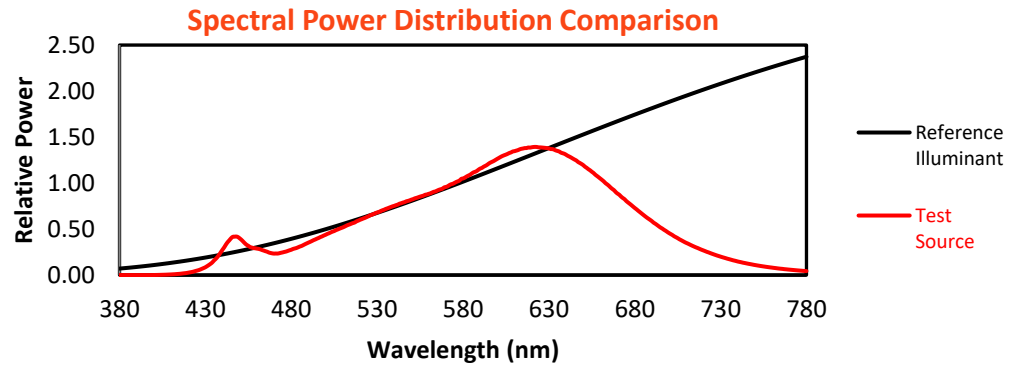
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314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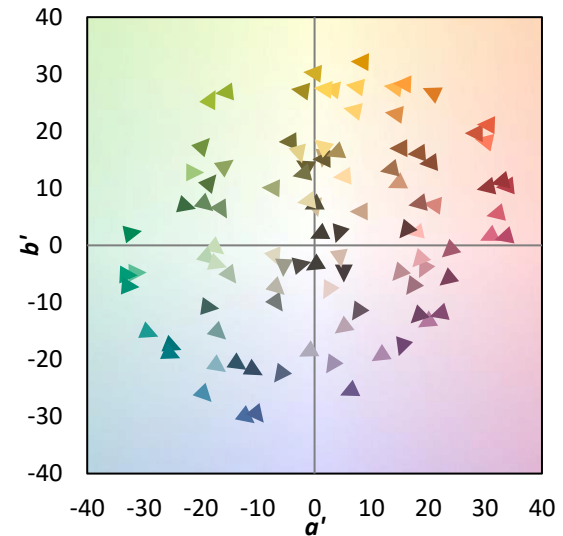
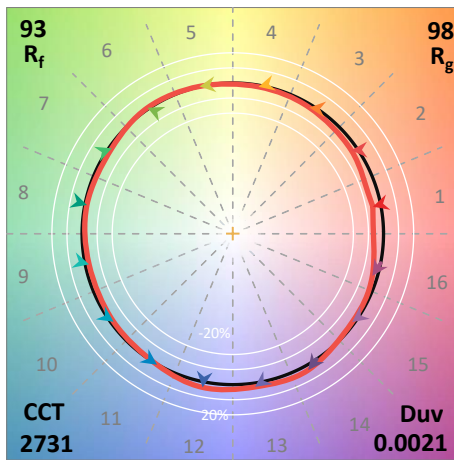
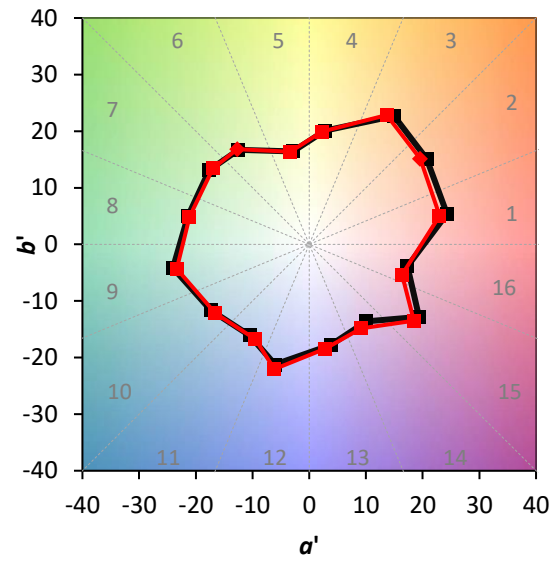
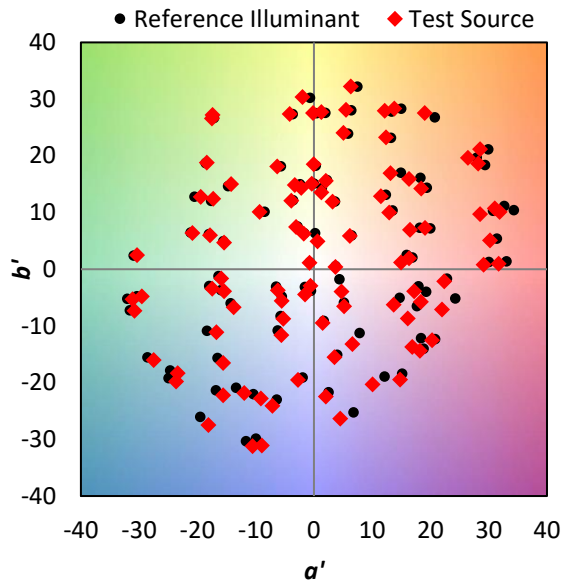
TM-30-18

Summary

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

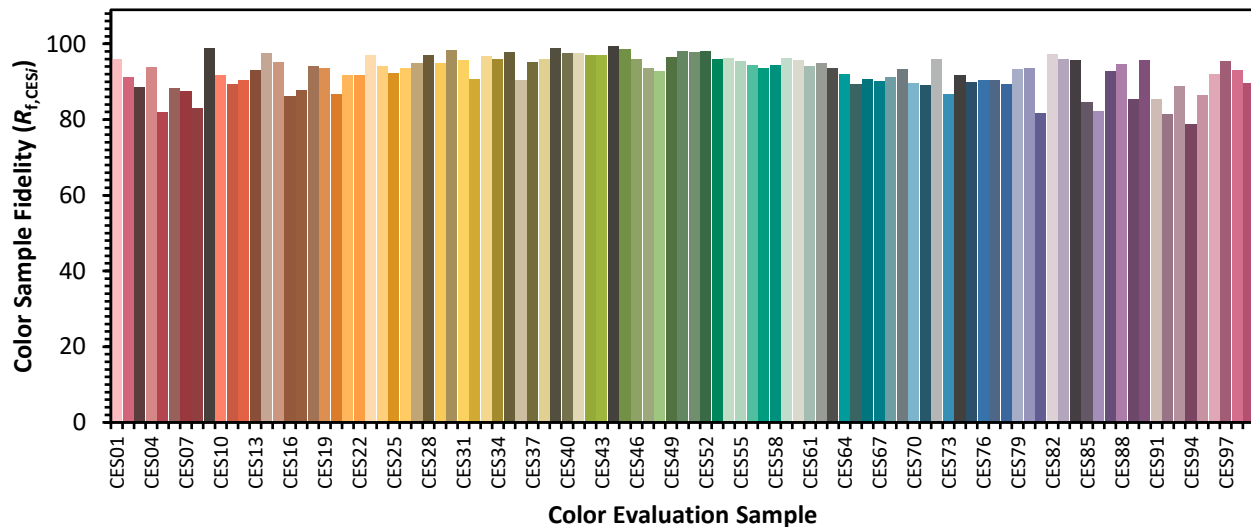


Color Vector Graphics

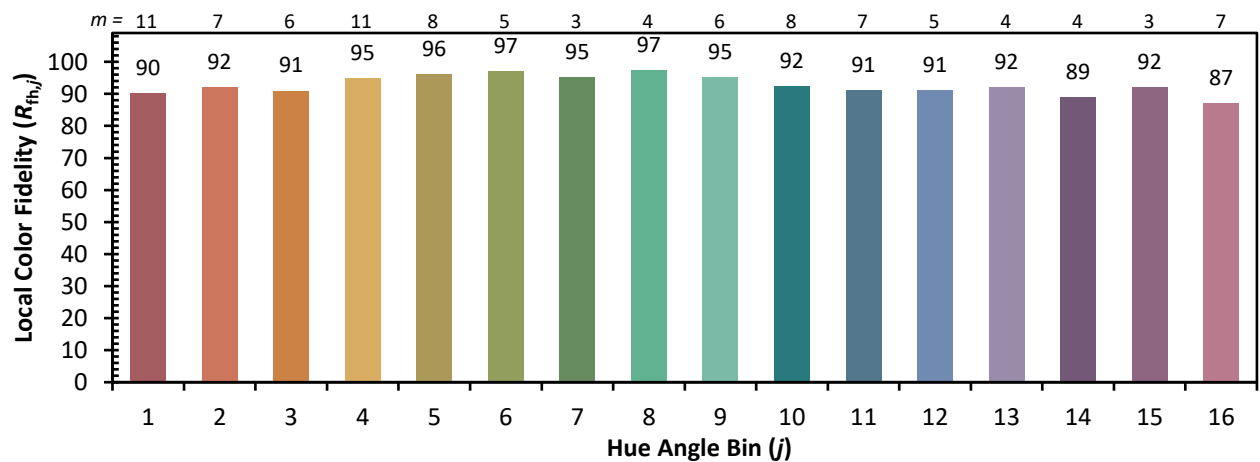
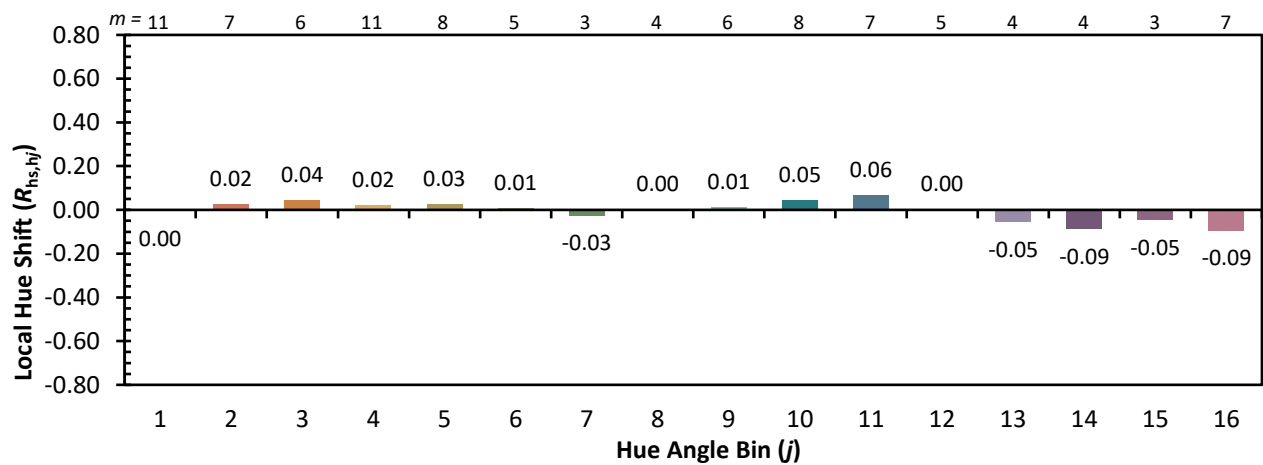
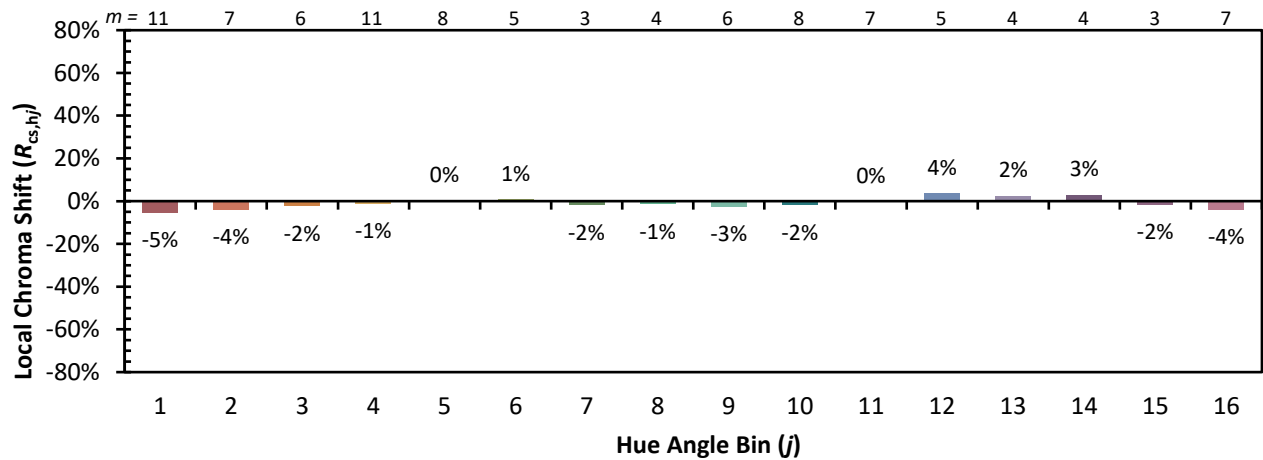


Individual Sample Fidelity Index ($R_{f,i}$)

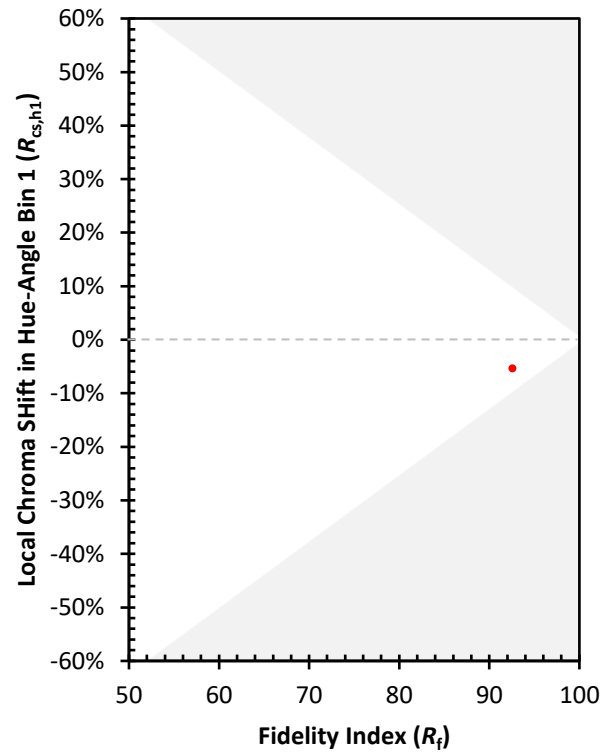
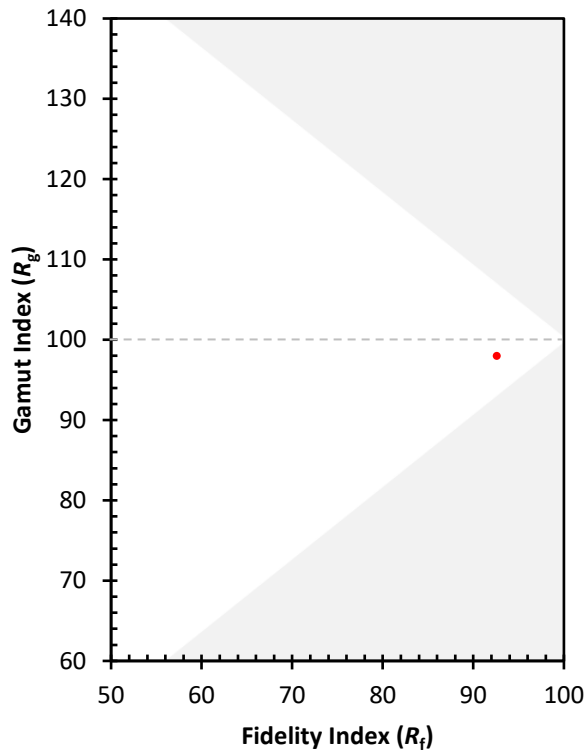
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82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