

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: P1047609

Luminaire Tested: **GALN-SA6A-950-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047609
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-950-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17671.8 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 162.9
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

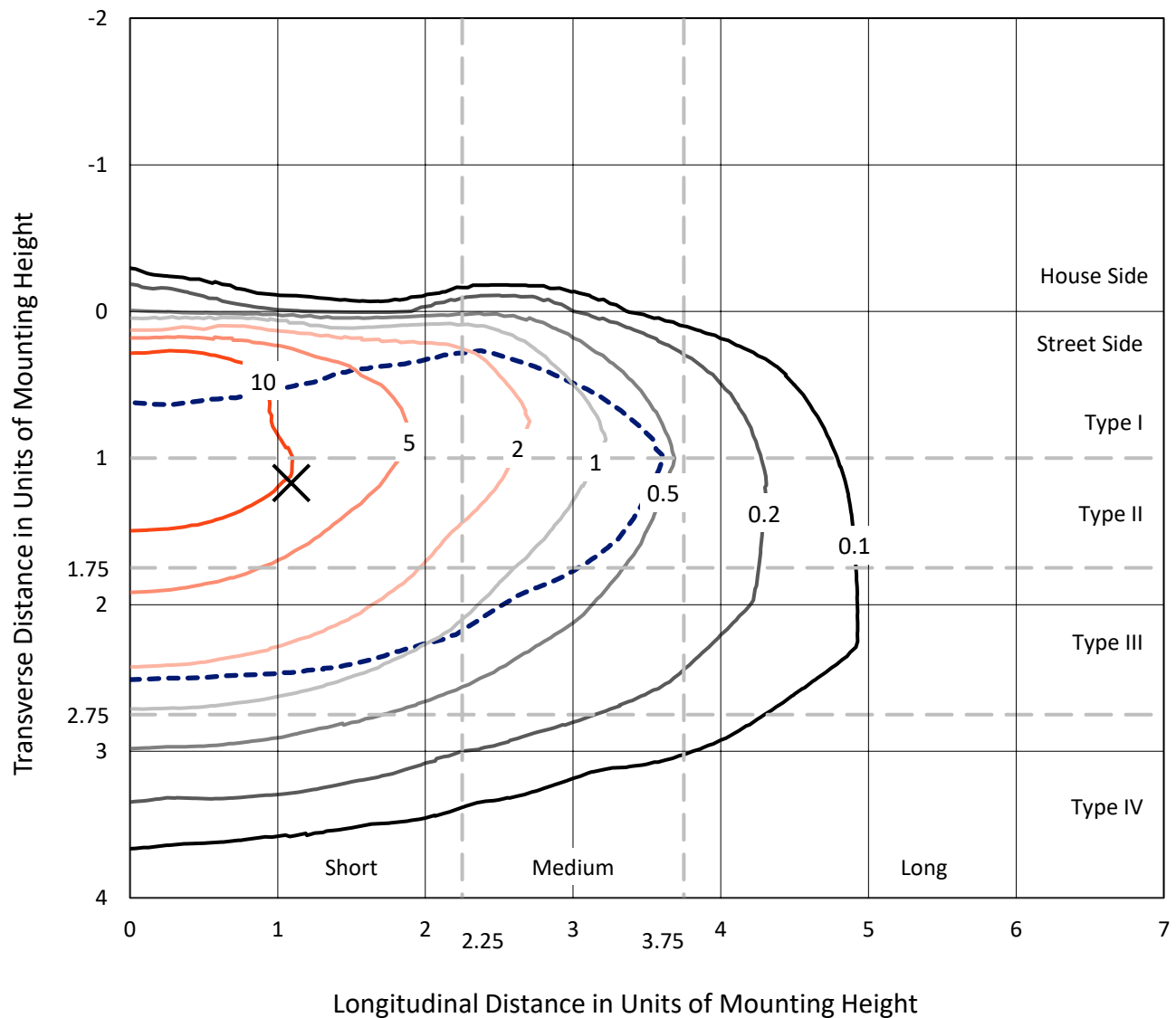


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

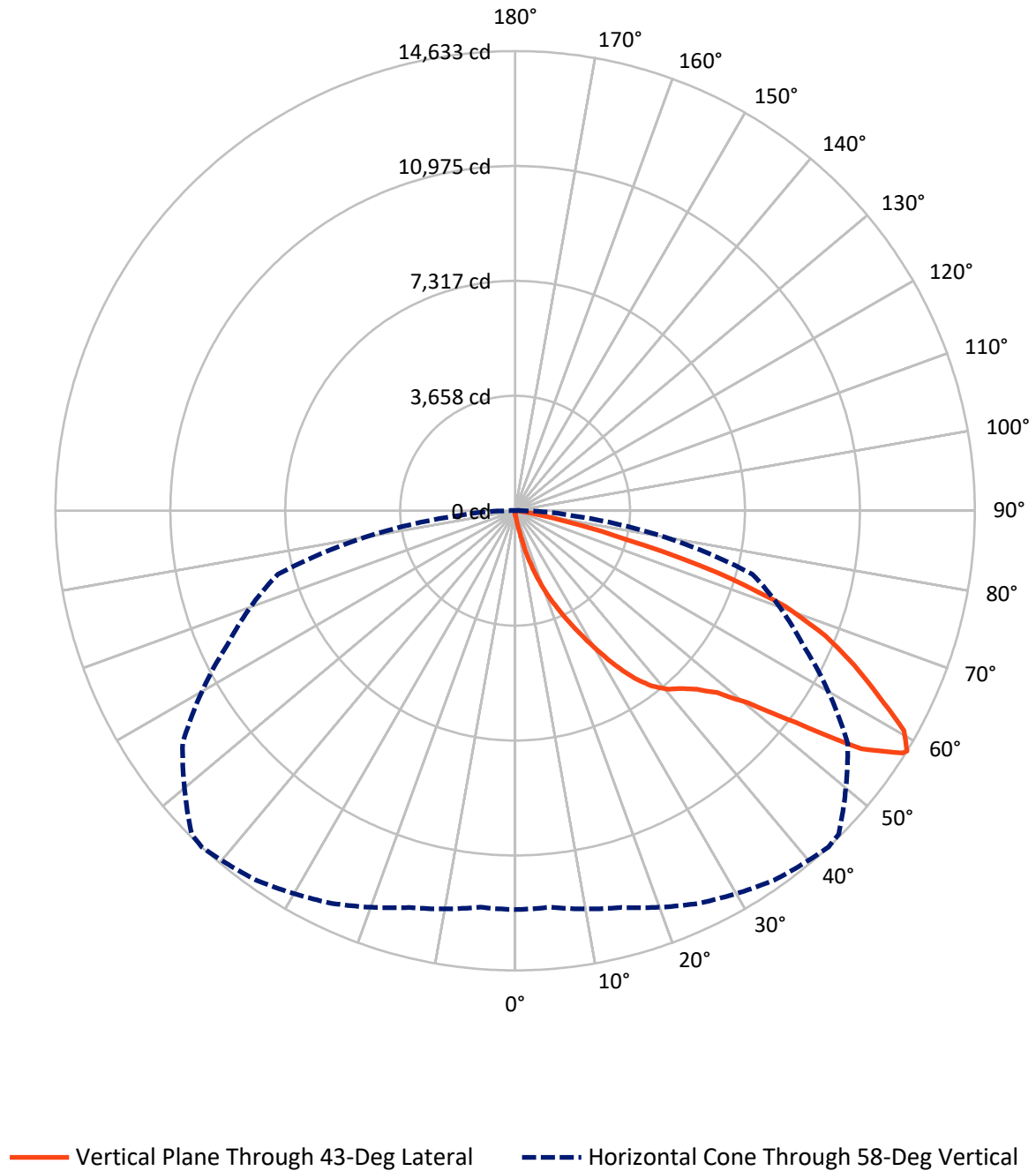


Based on 15 foot mounting height. Maximum calculated value = 19.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.5	0.0	64.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17607.3	0.0	17607.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	17671.8	0.0	17671.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	0.1
10°-20°	203.1	1.1
20°-30°	732.2	4.1
30°-40°	1675.2	9.5
40°-50°	2825.4	16.0
50°-60°	4662.5	26.4
60°-70°	5211.0	29.5
70°-80°	2151.5	12.2
80°-90°	194.0	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°	17671.8	100.0
0°-180°	17671.8	100.0



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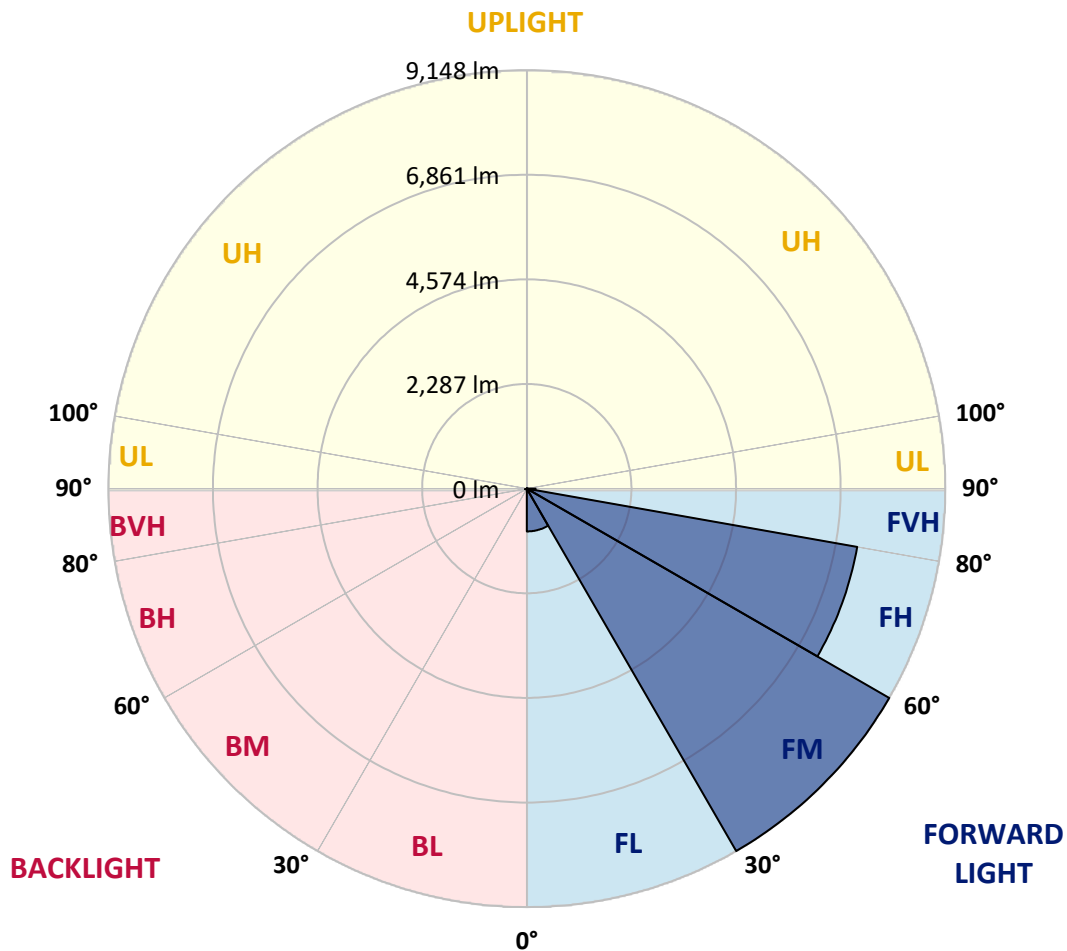
CATALOG NUMBER: GALN-SA6A-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	935.4	5.3			
FM	(30°-60°)	9147.6	51.8			
FH	(60°-80°)	7333.0	41.5			G3/7500
FVH	(80°-90°)	191.3	1.1			G2/225
BL	(0°-30°)	16.8	0.1	B0/110		
BM	(30°-60°)	15.5	0.1	B0/220		
BH	(60°-80°)	29.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5
2.5°	138.7	143.3	138.7	138.7	138.7	134.0	134.0	129.4	129.4	124.8	120.2
5°	203.4	203.4	189.5	180.3	171.0	166.4	161.8	152.5	143.3	134.0	124.8
7.5°	452.9	452.9	411.3	355.9	281.9	240.3	231.1	189.5	161.8	143.3	124.8
10°	1081.5	1081.5	989.1	836.6	647.1	480.7	429.8	272.7	194.1	152.5	129.4
12.5°	1797.9	1821.0	1705.5	1511.4	1229.4	938.2	836.6	499.2	258.8	166.4	129.4
15°	2440.4	2384.9	2352.6	2167.7	1899.6	1553.0	1423.5	841.2	374.4	189.5	129.4
17.5°	2874.8	2874.8	2828.6	2703.8	2458.9	2153.8	2047.5	1358.8	605.5	217.2	134.0
20°	3383.2	3383.2	3300.0	3212.2	2995.0	2736.2	2634.5	1932.0	938.2	277.3	134.0
22.5°	3998.0	4007.2	3914.8	3757.6	3549.6	3263.1	3175.3	2463.5	1358.8	369.8	138.7
25°	4746.7	4755.9	4621.9	4474.0	4155.1	3845.4	3711.4	3073.6	1871.9	517.7	138.7
27.5°	5574.0	5638.7	5440.0	5185.8	4848.4	4460.1	4358.5	3623.6	2380.3	730.3	147.9
30°	6604.7	6604.7	6341.3	5985.4	5620.2	5139.6	5010.1	4201.3	2921.0	1012.2	157.1
32.5°	7492.1	7422.8	7085.4	6711.0	6322.8	5874.4	5735.8	4806.8	3475.7	1363.5	175.6
35°	8171.5	8111.5	7695.5	7293.4	6956.0	6544.6	6378.2	5463.1	4062.7	1760.9	203.4
37.5°	8753.9	8730.8	8166.9	7663.1	7441.3	7080.8	6932.9	6082.4	4640.4	2190.8	235.7
40°	9391.7	9317.8	8716.9	8093.0	7760.2	7469.0	7335.0	6581.6	5195.0	2694.6	281.9
42.5°	9937.1	9849.3	9308.5	8698.4	8129.9	7737.1	7607.7	7002.2	5735.8	3198.4	342.0
45°	10542.6	10496.4	9951.0	9488.8	8730.8	8102.2	7931.2	7339.6	6230.3	3799.2	420.6
47.5°	11453.1	11369.9	10861.5	10482.5	9604.3	8656.8	8411.9	7686.2	6706.4	4390.8	540.8
50°	12511.5	12456.0	12155.6	11855.2	10981.7	9604.3	9313.1	8185.4	7237.9	5093.3	697.9
52.5°	13375.8	13366.6	13403.5	13408.2	12747.2	11198.9	10764.4	8989.6	7848.0	5786.6	919.8
55°	13357.3	13398.9	13805.6	14272.5	14323.3	13375.8	12955.2	10343.8	8643.0	6641.7	1229.4
57.5°	12858.2	12825.8	13255.6	13958.2	14452.7	14554.4	14485.1	12446.8	9840.0	7672.4	1705.5
58°	12696.4	12668.7	13075.4	13791.8	14360.3	14633.0	14563.6	12922.9	10108.1	7820.3	1834.9
60°	12109.4	12114.0	12354.4	13006.1	13574.5	14221.6	14286.3	14281.7	11443.8	8809.4	2486.6
62.5°	11332.9	11295.9	11517.8	12049.3	12548.5	12982.9	13093.9	14374.1	13398.9	10066.5	3729.9
65°	10260.6	10205.2	10440.9	11041.7	11577.9	11859.8	11864.4	13135.5	14318.7	11416.1	5504.7
67.5°	8268.6	8222.4	8693.8	9465.7	10293.0	10662.7	10829.1	11397.6	13542.2	12331.3	6521.5
70°	5065.6	5162.7	5819.0	7029.9	8444.2	9123.6	9373.2	9548.9	11531.7	12192.6	5453.9
72.5°	2338.7	2223.1	2782.4	3628.2	5241.2	6752.6	7011.4	7700.1	9142.1	10584.2	4067.3
75°	1090.8	1049.2	1178.6	1585.3	2375.7	3646.7	4118.1	6147.1	7011.4	7362.7	2934.9
77.5°	559.3	563.9	670.2	721.0	979.8	1687.0	1936.6	4044.2	5139.6	4108.9	1968.9
80°	245.0	254.2	258.8	281.9	397.5	651.7	734.9	1876.5	3512.7	2093.7	1076.9
82.5°	157.1	161.8	161.8	161.8	189.5	258.8	295.8	753.4	1751.7	1039.9	332.8
85°	83.2	83.2	92.4	115.5	134.0	157.1	166.4	240.3	577.7	309.7	78.6
87.5°	46.2	50.8	55.5	69.3	87.8	106.3	115.5	166.4	221.9	212.6	18.5
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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CATALOG NUMBER: GALN-SA6A-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5
2.5°	120.2	115.5	110.9	106.3	101.7	97.1	97.1	97.1	97.1	97.1	97.1
5°	115.5	110.9	106.3	97.1	87.8	83.2	78.6	74.0	74.0	74.0	74.0
7.5°	115.5	110.9	97.1	87.8	78.6	69.3	60.1	60.1	60.1	60.1	60.1
10°	115.5	106.3	92.4	78.6	64.7	55.5	50.8	46.2	46.2	46.2	46.2
12.5°	115.5	101.7	87.8	69.3	55.5	46.2	41.6	37.0	37.0	37.0	37.0
15°	115.5	101.7	83.2	64.7	50.8	37.0	32.4	27.7	27.7	27.7	27.7
17.5°	110.9	97.1	78.6	55.5	41.6	27.7	23.1	18.5	18.5	23.1	23.1
20°	106.3	92.4	69.3	46.2	32.4	23.1	13.9	13.9	13.9	13.9	13.9
22.5°	106.3	92.4	64.7	41.6	27.7	13.9	9.2	9.2	9.2	9.2	13.9
25°	106.3	87.8	55.5	32.4	18.5	9.2	4.6	4.6	4.6	4.6	4.6
27.5°	106.3	87.8	50.8	27.7	13.9	9.2	4.6	0.0	0.0	0.0	0.0
30°	101.7	83.2	46.2	23.1	9.2	4.6	0.0	0.0	0.0	0.0	0.0
32.5°	101.7	78.6	37.0	18.5	9.2	4.6	0.0	0.0	0.0	0.0	0.0
35°	106.3	74.0	32.4	13.9	4.6	0.0	0.0	0.0	0.0	0.0	4.6
37.5°	110.9	69.3	27.7	9.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	115.5	64.7	27.7	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	124.8	64.7	23.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	134.0	64.7	18.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	152.5	69.3	18.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	166.4	74.0	13.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	184.9	69.3	13.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	208.0	69.3	13.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	226.5	64.7	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	235.7	60.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	281.9	55.5	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	439.1	46.2	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	892.0	41.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1663.9	37.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1862.6	41.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1174.0	32.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	619.3	32.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	309.7	32.4	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	143.3	23.1	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.1	13.9	9.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	27.7	13.9	9.2	9.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0
87.5°	13.9	13.9	13.9	9.2	9.2	4.6	4.6	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

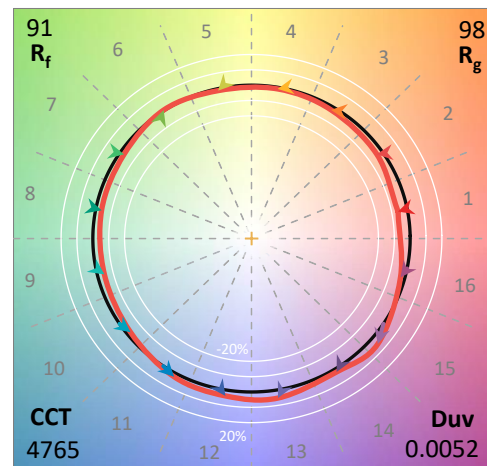
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

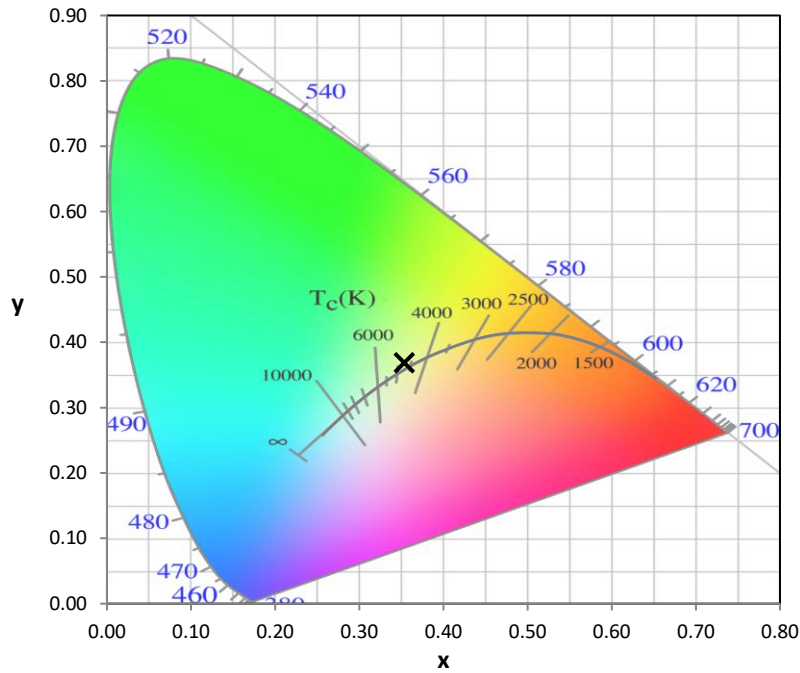
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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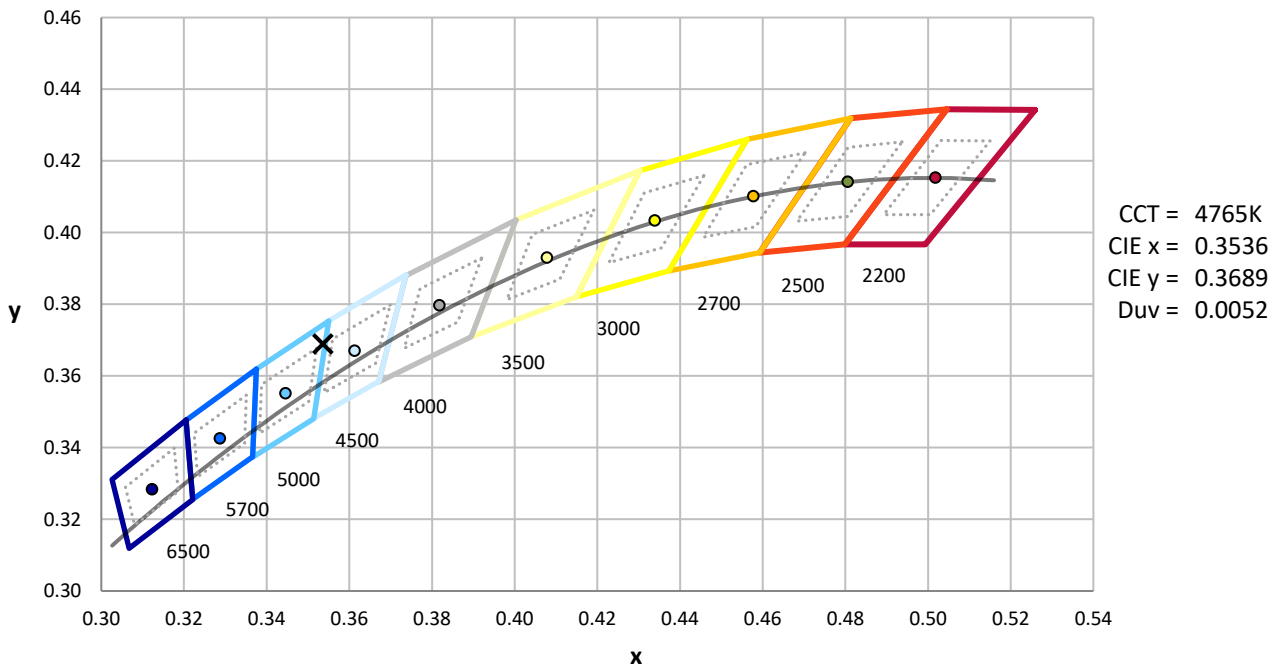
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



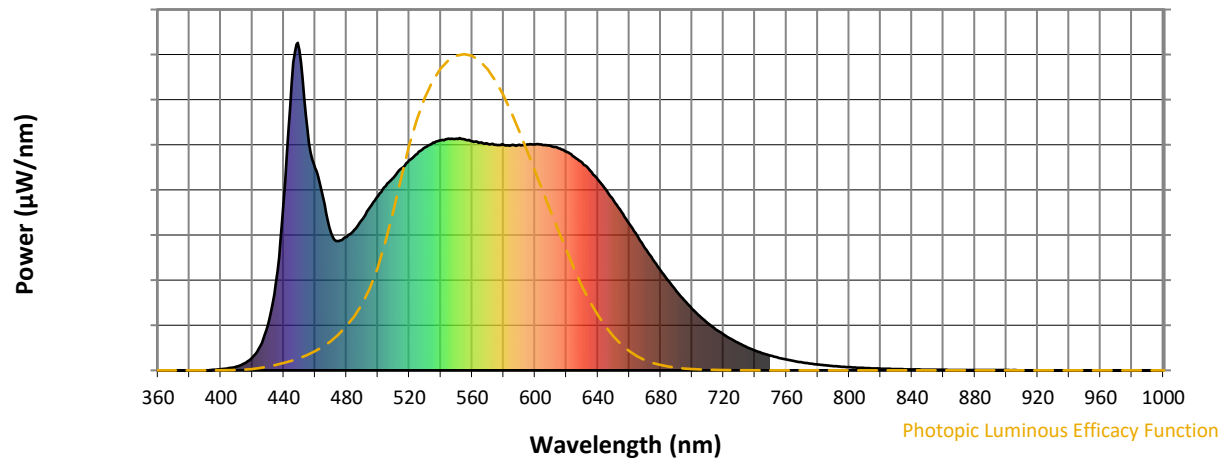
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

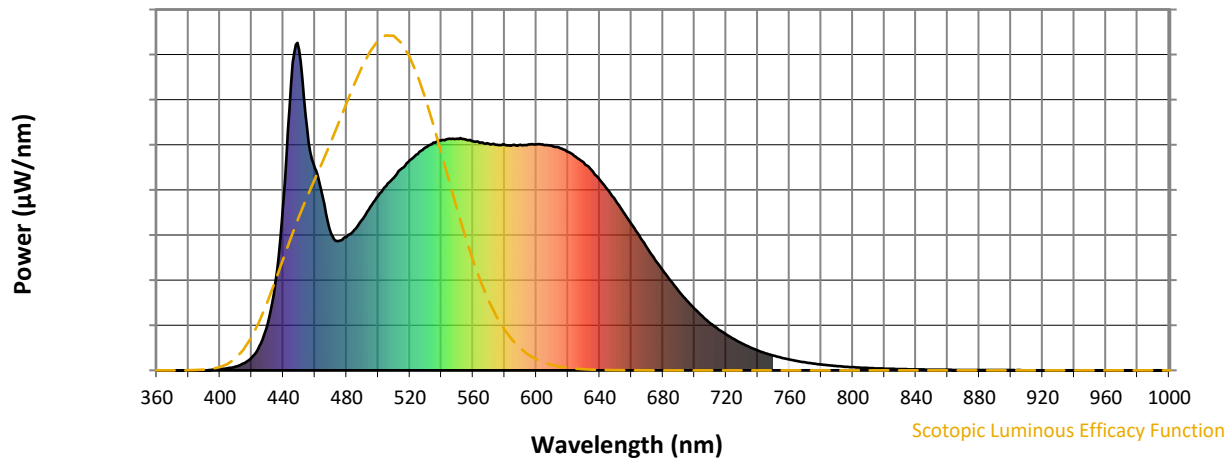


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



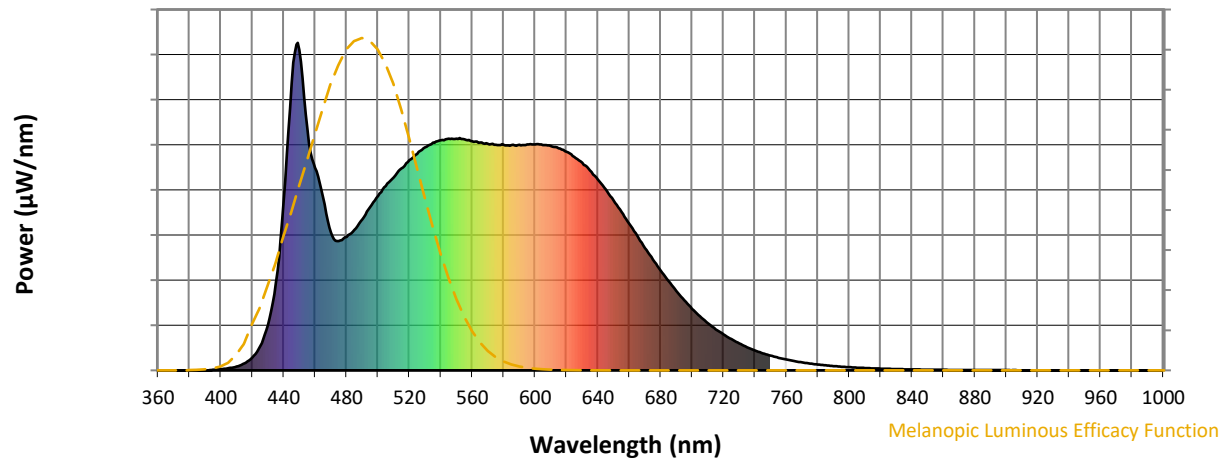
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

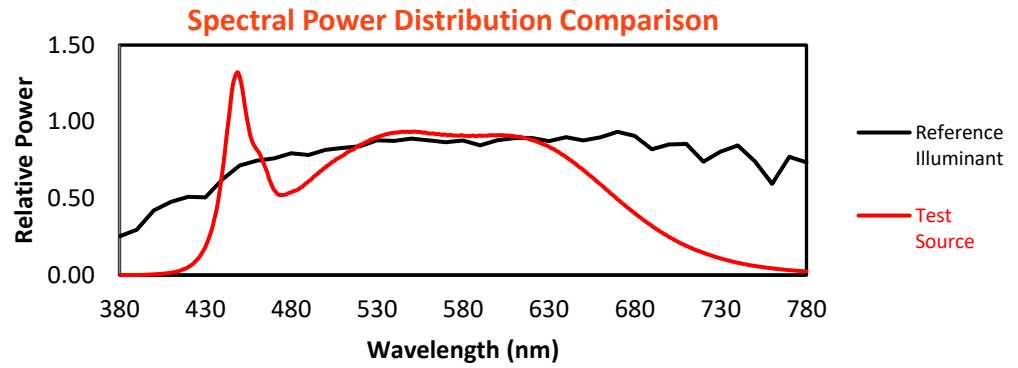
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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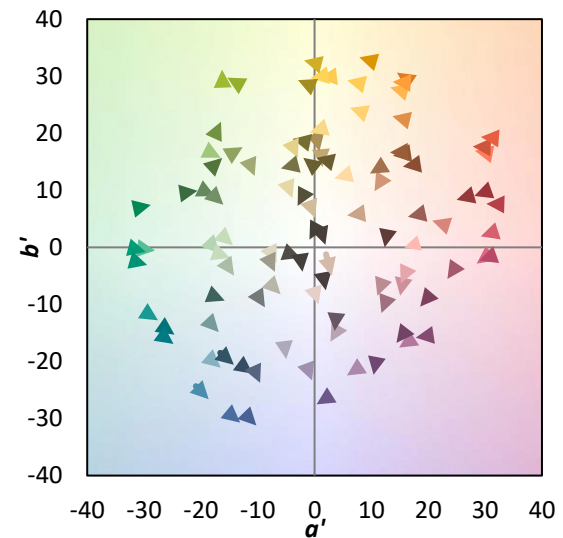
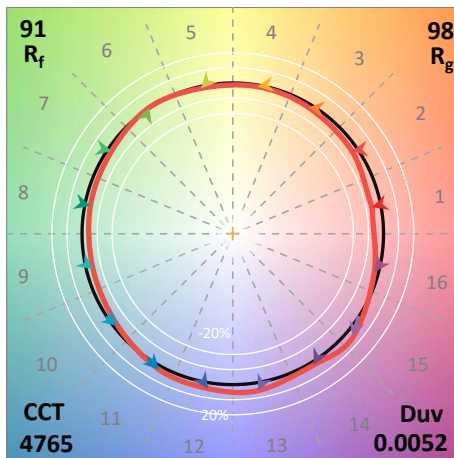
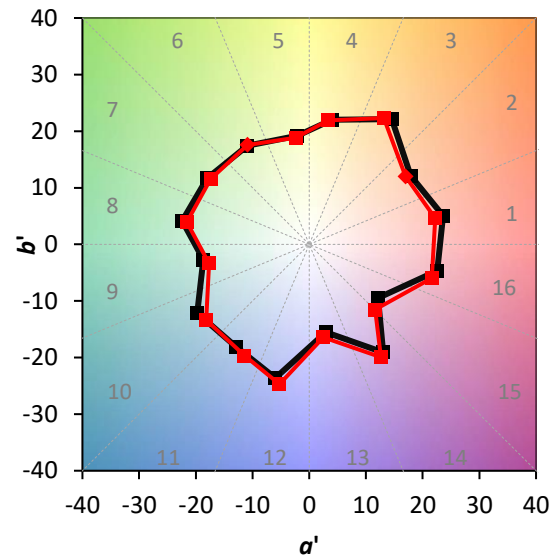
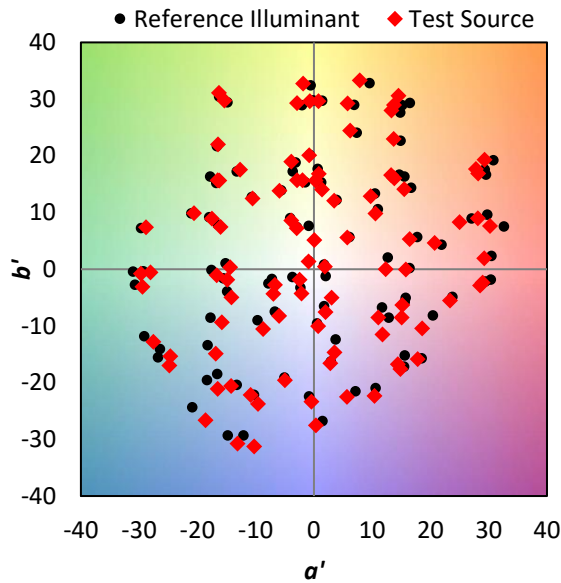
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

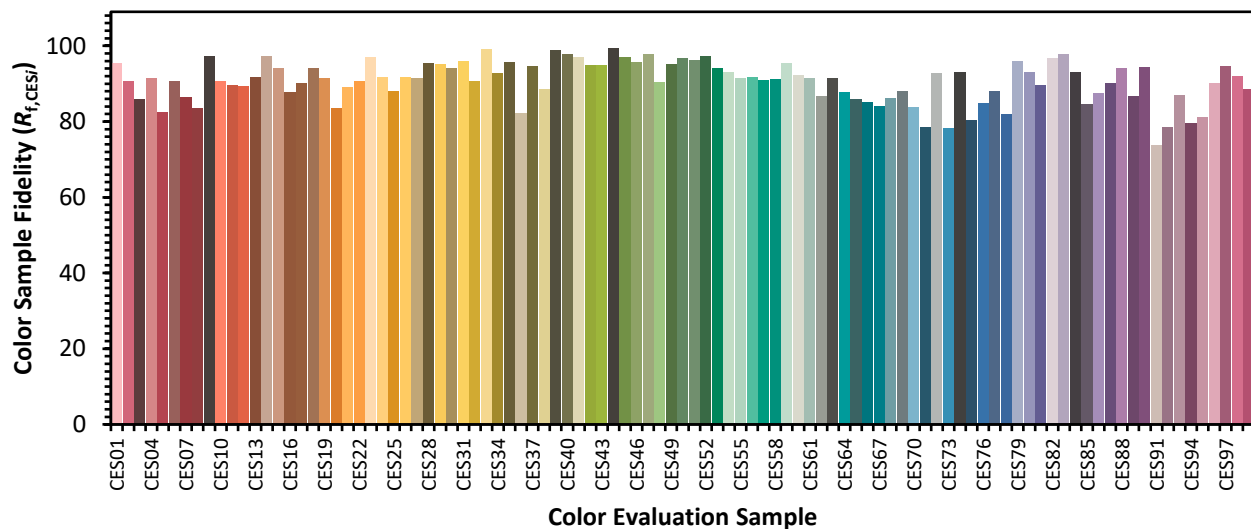


Color Vector Graphics

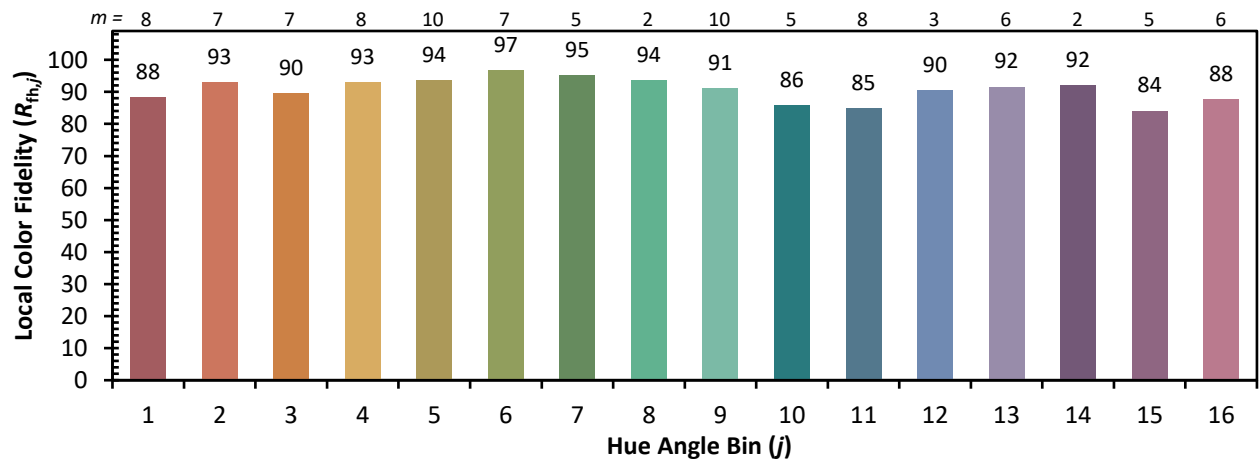
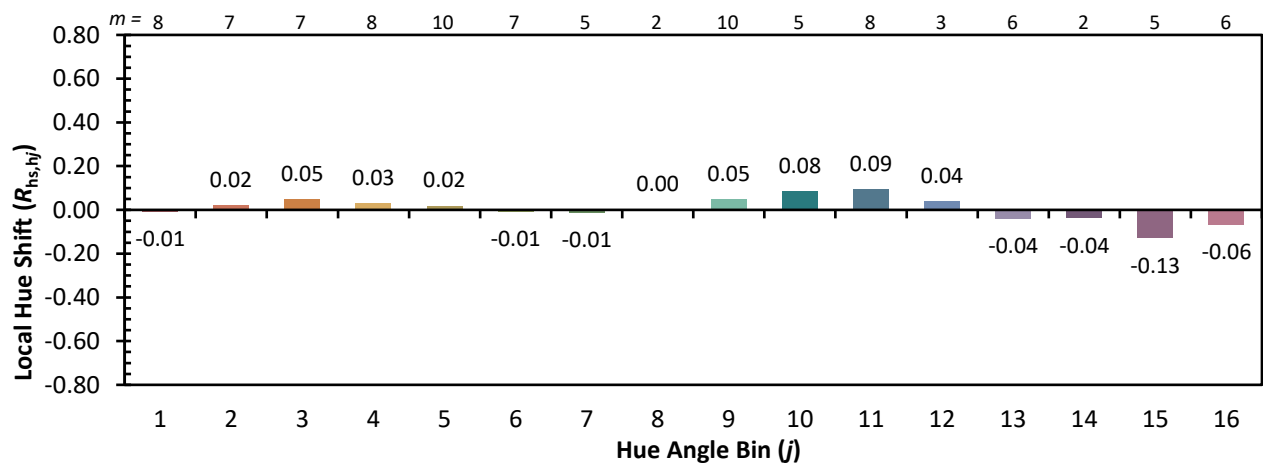
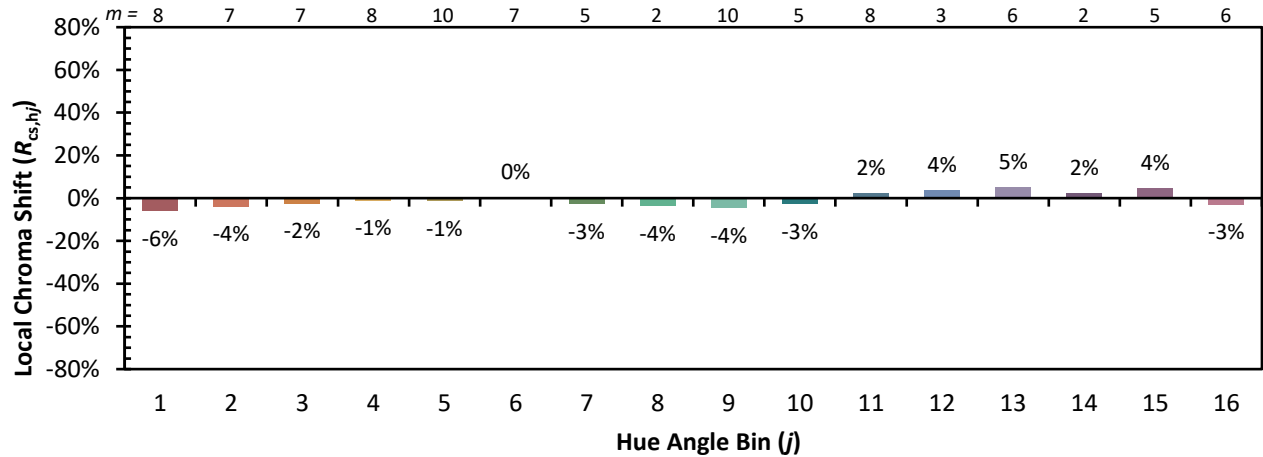


Individual Sample Fidelity Index ($R_{f,i}$)

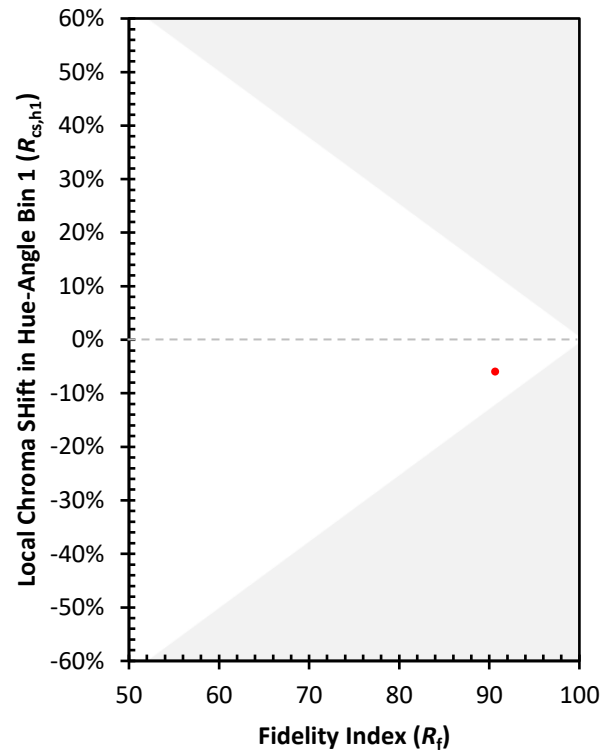
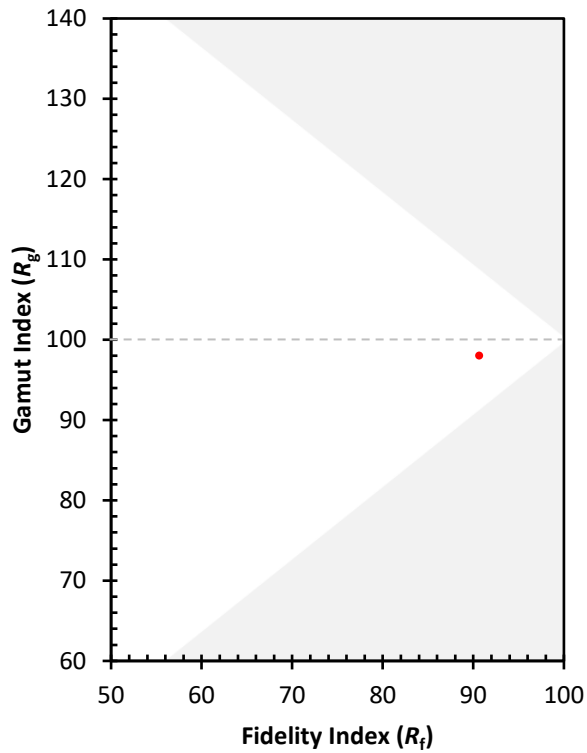
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)