

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: P1048182

Luminaire Tested: **GALN-SA5B-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048182
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16249.8 lumens
Efficiency: N/A
Efficacy: 90.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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

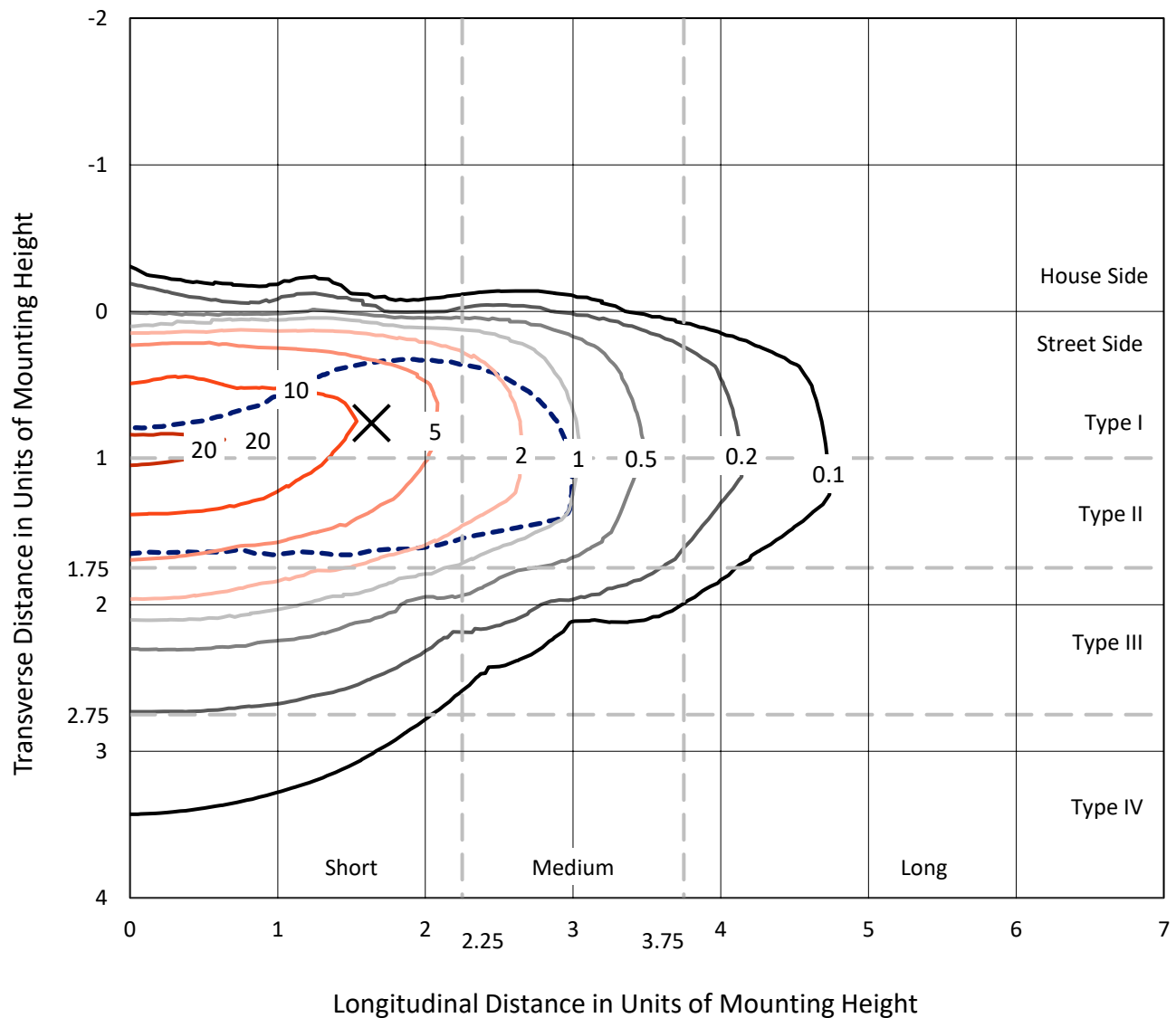


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CATALOG NUMBER: GALN-SA5B-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

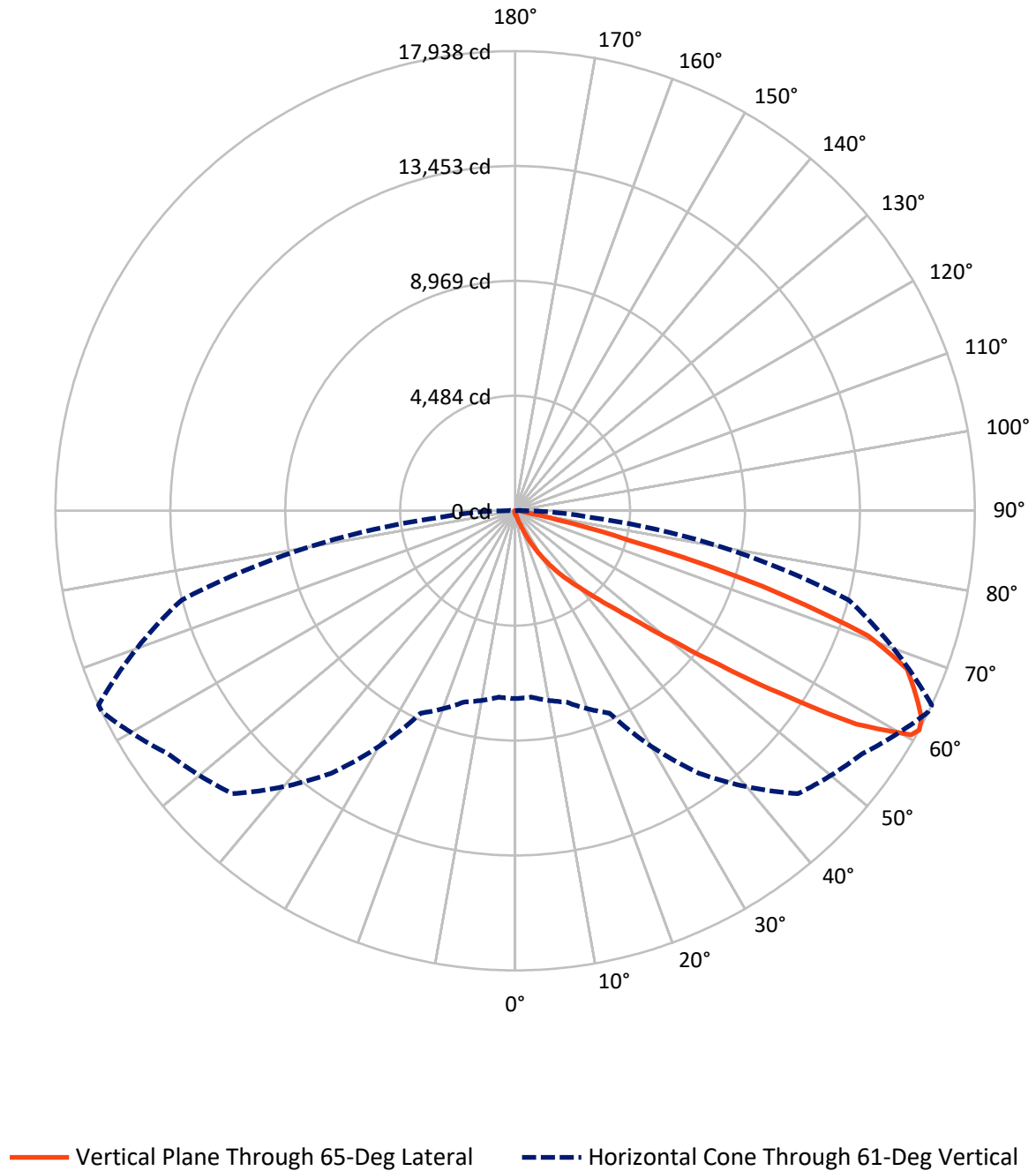


Based on 15 foot mounting height. Maximum calculated value = 21.5 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA5B-940-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.4	0.0	69.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16180.5	0.0	16180.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	16249.8	0.0	16249.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.1
10°-20°	133.6	0.8
20°-30°	479.6	3.0
30°-40°	1276.8	7.9
40°-50°	3354.1	20.6
50°-60°	5196.1	32.0
60°-70°	4356.8	26.8
70°-80°	1282.1	7.9
80°-90°	158.2	1.0
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°	16249.8	100.0
0°-180°	16249.8	100.0



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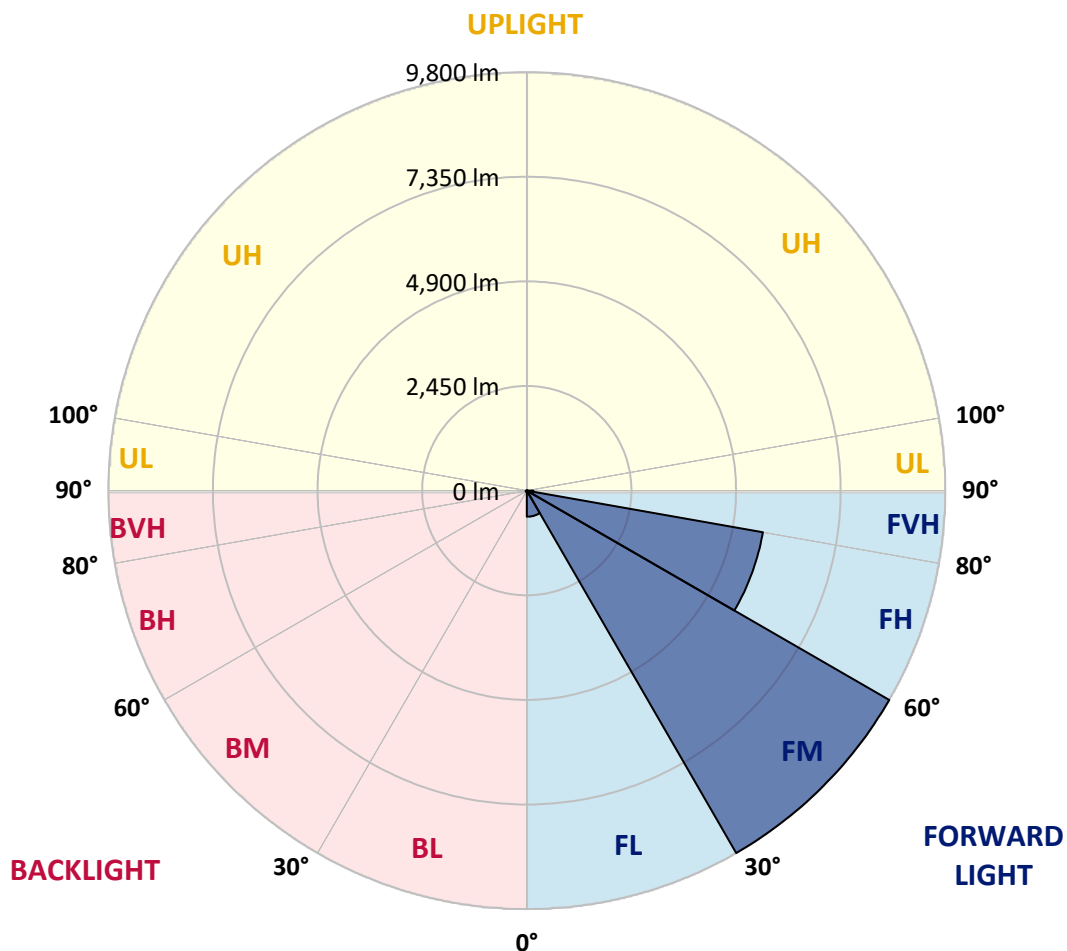
CATALOG NUMBER: GALN-SA5B-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	610.3	3.8			
FM	(30°-60°)	9800.5	60.3			
FH	(60°-80°)	5614.5	34.6			G3/7500
FVH	(80°-90°)	155.2	1.0			G2/225
BL	(0°-30°)	15.6	0.1	B0/110		
BM	(30°-60°)	26.4	0.2	B0/220		
BH	(60°-80°)	24.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	120.7	121.8	119.6	115.1	111.8	111.8	110.7	107.3	107.3	104.0	101.7
5°	168.8	166.6	162.1	153.1	145.3	137.5	129.7	121.8	120.7	110.7	104.0
7.5°	276.1	278.3	263.8	235.9	212.4	182.2	154.3	137.5	135.3	118.5	105.1
10°	605.9	589.1	555.6	447.1	367.8	277.2	205.7	159.8	157.6	127.4	107.3
12.5°	1104.4	1091.0	1029.5	917.7	713.2	496.3	300.7	197.9	191.1	135.3	108.4
15°	1591.8	1570.5	1537.0	1424.1	1184.9	889.8	491.8	270.5	252.6	146.4	107.3
17.5°	1902.5	1905.9	1875.7	1827.6	1673.4	1316.8	849.5	403.5	368.9	166.6	105.1
20°	2174.1	2166.3	2183.1	2157.4	2049.0	1789.6	1236.3	639.4	580.1	199.0	106.2
22.5°	2487.1	2506.1	2518.4	2512.8	2393.2	2171.9	1675.6	956.8	882.0	258.2	109.5
25°	2906.3	2904.1	2905.2	2890.7	2774.4	2528.5	2116.0	1351.4	1275.4	354.3	117.4
27.5°	3345.6	3359.0	3364.6	3312.1	3160.1	2918.6	2524.0	1782.9	1693.5	508.6	127.4
30°	3945.9	3934.7	3909.0	3801.7	3617.2	3317.7	2926.4	2235.6	2141.7	724.3	143.1
32.5°	4755.2	4742.9	4613.2	4376.2	4100.1	3733.5	3331.1	2689.5	2575.4	993.7	164.3
35°	6088.7	6107.7	5789.2	5175.5	4680.3	4233.2	3779.3	3141.1	3040.5	1325.7	193.4
37.5°	8131.0	8027.0	7594.4	6510.1	5443.8	4856.9	4207.4	3597.1	3509.9	1734.8	231.4
40°	10115.1	10012.3	9887.1	8859.8	6770.6	5544.4	4806.6	4132.6	4019.7	2196.5	287.3
42.5°	12200.9	12143.9	12138.3	11363.7	9191.8	6625.3	5527.6	4759.6	4663.5	2702.9	378.9
45°	13678.7	13621.7	13741.3	13876.5	12489.3	8941.4	6782.9	5574.5	5434.8	3317.7	525.4
47.5°	13877.7	13879.9	14199.6	14623.2	14939.6	12524.0	8455.1	6654.3	6484.4	4197.4	771.3
50°	13215.9	13241.6	13750.2	14508.1	15359.9	15529.8	11403.9	8221.5	7970.0	5240.3	1120.0
52.5°	11956.1	11985.2	12693.9	13940.2	14973.1	16251.9	14875.9	10271.6	9982.1	6541.4	1611.9
55°	10821.5	10839.4	11652.1	13227.1	14507.0	15859.5	16937.1	13009.1	12629.1	8142.2	2097.0
57.5°	9698.1	9656.8	10185.5	11988.5	14427.6	15377.8	17241.2	16128.9	15709.7	9891.5	2474.8
60°	8195.8	8126.5	8551.3	9698.1	13383.6	15694.1	16672.2	17854.8	17759.8	12327.2	2766.6
61°	7331.7	7302.7	7729.7	8713.4	12505.0	15613.6	16535.8	17927.5	17937.5	13479.7	2897.4
62.5°	5235.8	5318.6	5971.4	7250.1	10473.9	15091.6	16553.7	17702.8	17802.3	15011.1	3236.1
65°	2327.3	2460.3	2967.8	4008.5	6091.0	12554.2	16395.0	17209.9	17160.7	15431.4	4403.1
67.5°	1380.5	1400.6	1653.2	2271.4	3226.0	6752.7	14467.9	16558.2	16492.2	13433.9	5478.4
70°	1087.6	1097.7	1178.2	1425.2	1872.3	2586.6	8257.3	14325.9	14613.2	10893.1	5363.3
72.5°	1031.7	1029.5	1040.7	1084.3	1179.3	1283.2	3196.9	9522.7	10107.3	7844.8	4497.0
75°	1018.3	1013.9	1002.7	985.9	854.0	755.6	990.4	4211.9	4550.6	5359.9	3385.9
77.5°	988.1	989.3	991.5	945.7	732.2	534.3	479.5	1351.4	1662.2	3401.5	2406.7
80°	668.5	678.5	695.3	677.4	658.4	386.8	338.7	480.7	487.4	1909.2	1589.5
82.5°	338.7	338.7	330.9	295.1	254.9	251.5	269.4	348.8	353.2	965.8	747.8
85°	204.6	215.7	220.2	200.1	183.3	168.8	205.7	277.2	287.3	374.5	174.4
87.5°	45.8	46.9	51.4	68.2	99.5	135.3	191.1	253.7	258.2	240.3	21.2
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: P1048182

CATALOG NUMBER: GALN-SA5B-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	100.6	98.4	97.2	93.9	90.5	87.2	85.0	83.8	85.0	86.1	86.1
5°	99.5	96.1	90.5	85.0	80.5	76.0	71.5	70.4	70.4	71.5	71.5
7.5°	99.5	93.9	86.1	79.4	72.7	66.0	62.6	60.4	61.5	61.5	61.5
10°	99.5	92.8	82.7	72.7	64.8	57.0	51.4	49.2	49.2	49.2	49.2
12.5°	98.4	91.7	79.4	67.1	55.9	46.9	40.2	36.9	38.0	38.0	38.0
15°	96.1	88.3	74.9	57.0	44.7	35.8	29.1	25.7	26.8	29.1	30.2
17.5°	92.8	85.0	67.1	48.1	35.8	26.8	20.1	17.9	19.0	22.4	22.4
20°	91.7	81.6	59.2	39.1	26.8	19.0	13.4	11.2	12.3	16.8	17.9
22.5°	91.7	79.4	53.7	32.4	20.1	12.3	7.8	4.5	4.5	7.8	7.8
25°	92.8	78.2	49.2	26.8	14.5	8.9	4.5	2.2	4.5	12.3	14.5
27.5°	95.0	77.1	46.9	22.4	11.2	7.8	3.4	7.8	13.4	13.4	13.4
30°	97.2	74.9	43.6	19.0	10.1	5.6	5.6	11.2	11.2	13.4	14.5
32.5°	100.6	73.8	41.4	16.8	7.8	4.5	7.8	6.7	6.7	7.8	8.9
35°	107.3	74.9	39.1	16.8	7.8	5.6	6.7	3.4	2.2	2.2	2.2
37.5°	116.3	76.0	35.8	14.5	6.7	6.7	3.4	0.0	0.0	0.0	0.0
40°	130.8	79.4	33.5	13.4	5.6	5.6	1.1	0.0	0.0	0.0	0.0
42.5°	155.4	86.1	32.4	12.3	5.6	4.5	0.0	0.0	0.0	0.0	0.0
45°	204.6	101.7	30.2	11.2	5.6	2.2	0.0	0.0	0.0	0.0	0.0
47.5°	294.0	138.6	29.1	8.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	429.2	187.8	27.9	7.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	547.7	197.9	19.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	561.1	136.4	14.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	447.1	88.3	12.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	338.7	67.1	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	325.3	60.4	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	358.8	52.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	583.5	43.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1013.9	38.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1281.0	35.8	6.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1116.7	32.4	6.7	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	671.8	27.9	6.7	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	352.1	21.2	6.7	5.6	3.4	1.1	0.0	0.0	0.0	0.0	0.0
80°	171.0	19.0	7.8	5.6	4.5	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	67.1	15.6	8.9	7.8	5.6	3.4	1.1	0.0	0.0	0.0	0.0
85°	30.2	13.4	10.1	8.9	7.8	4.5	1.1	0.0	0.0	0.0	0.0
87.5°	15.6	12.3	11.2	10.1	7.8	5.6	2.2	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

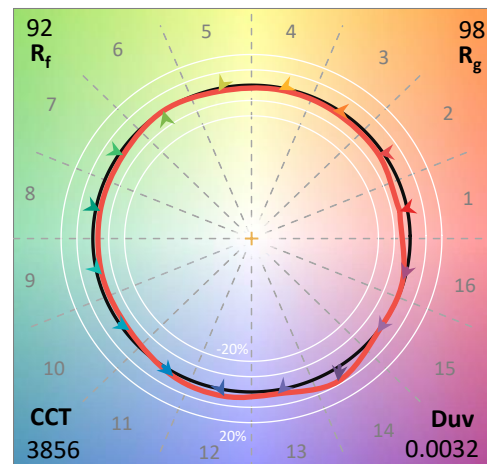
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

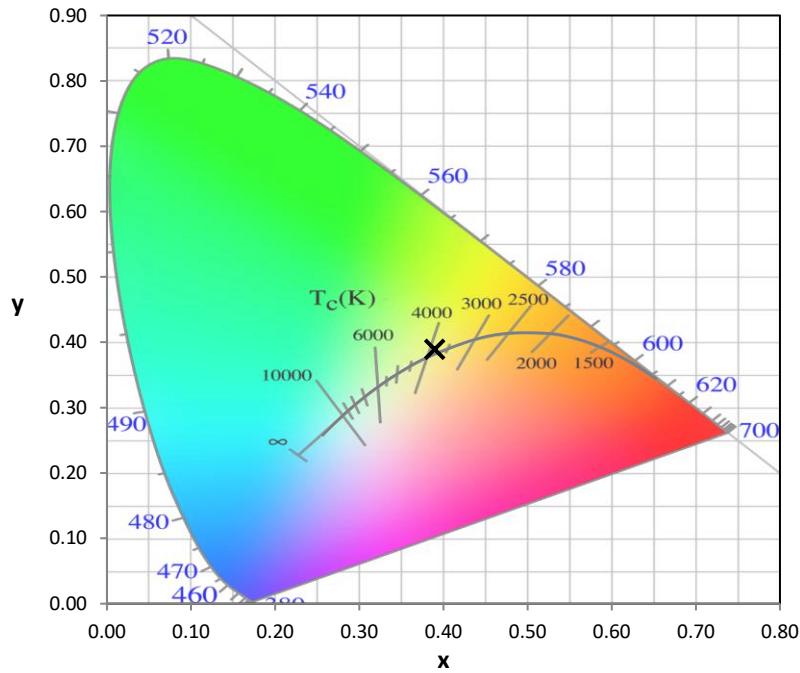
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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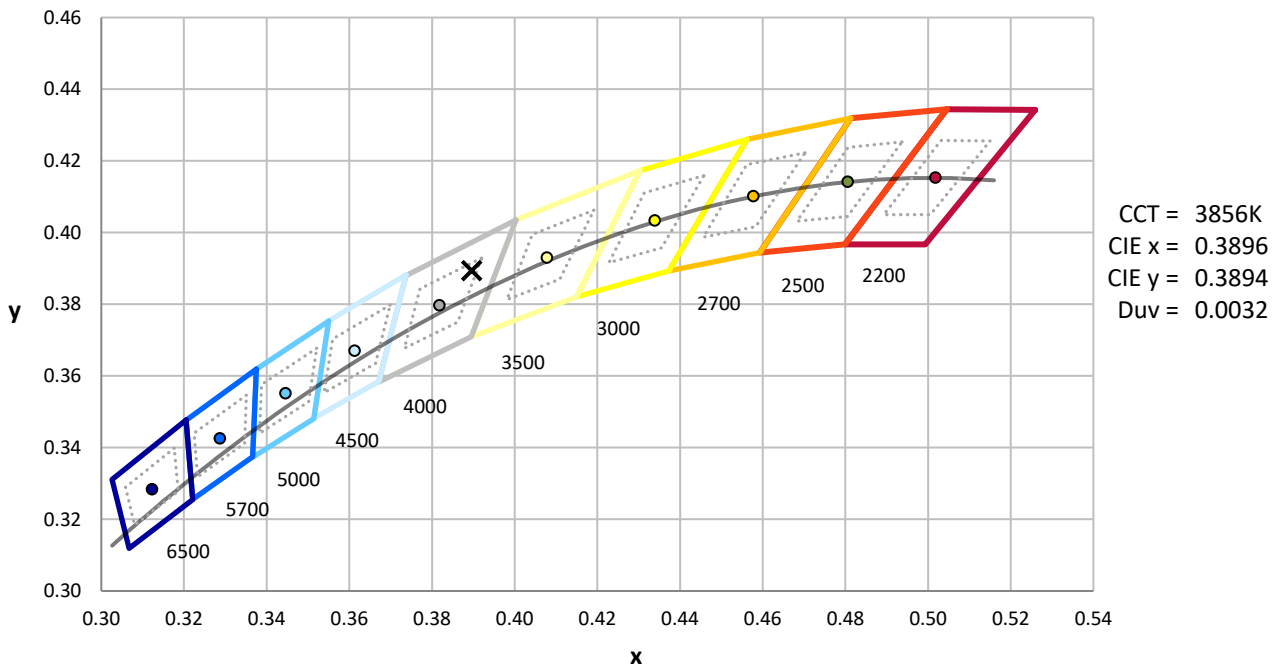
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



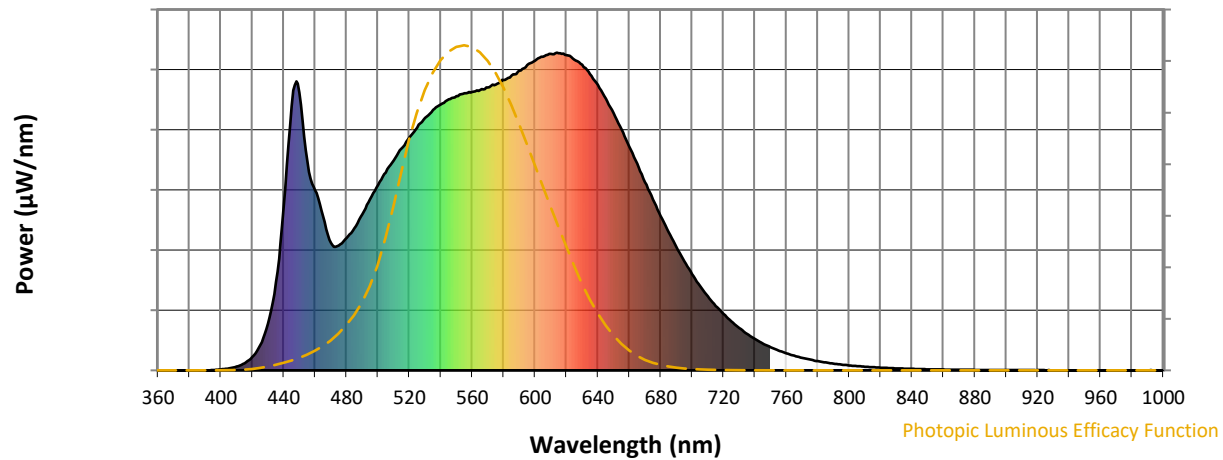
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

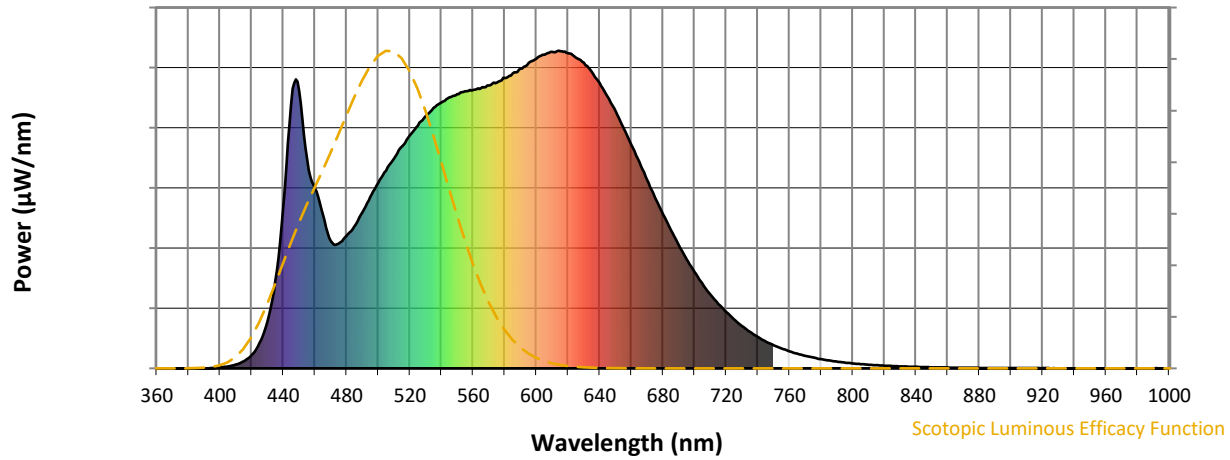


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



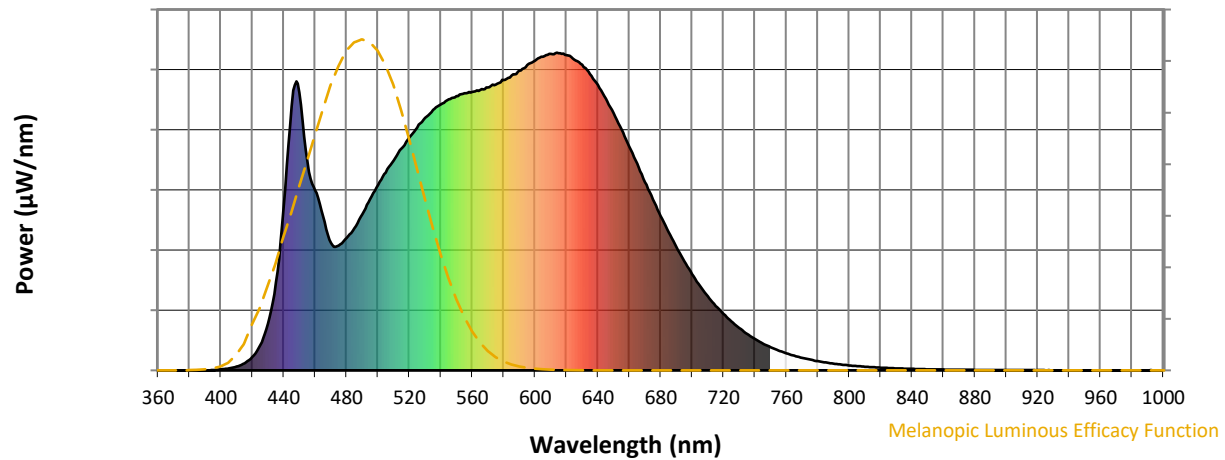
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

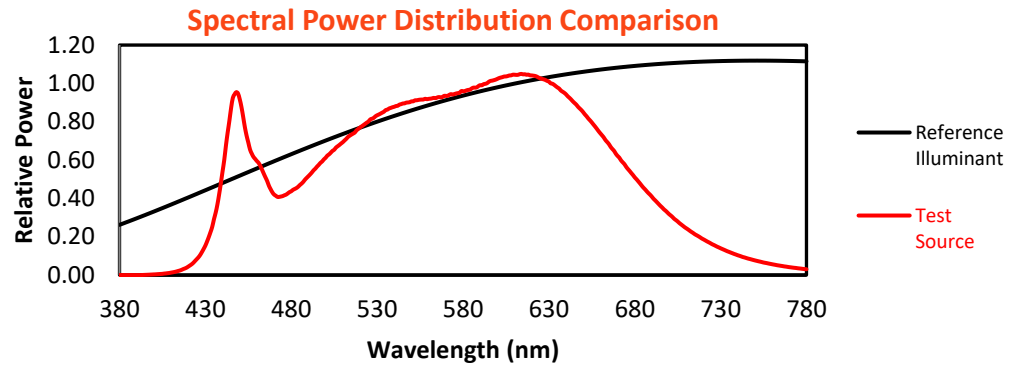
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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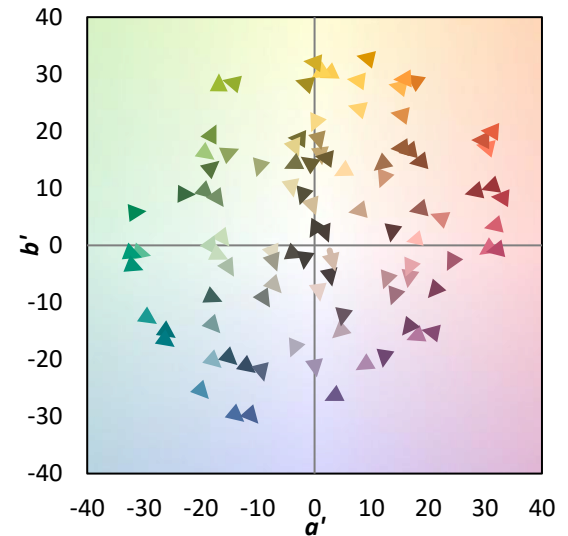
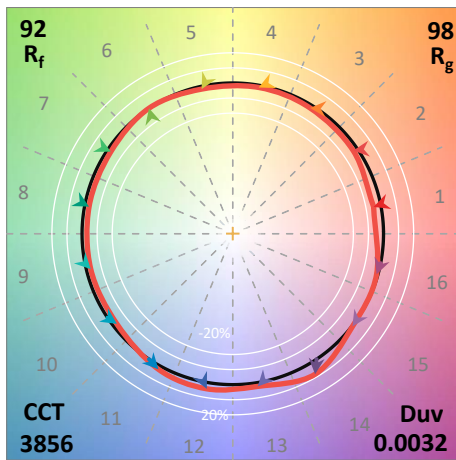
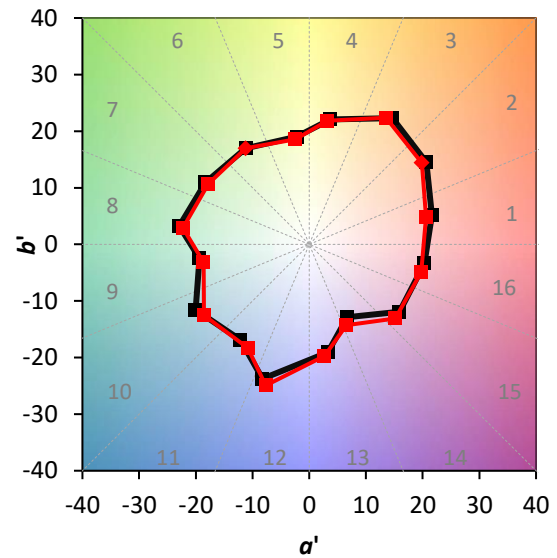
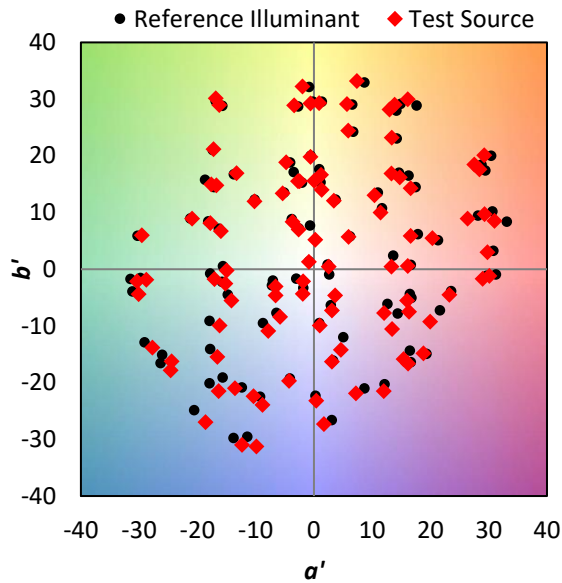
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

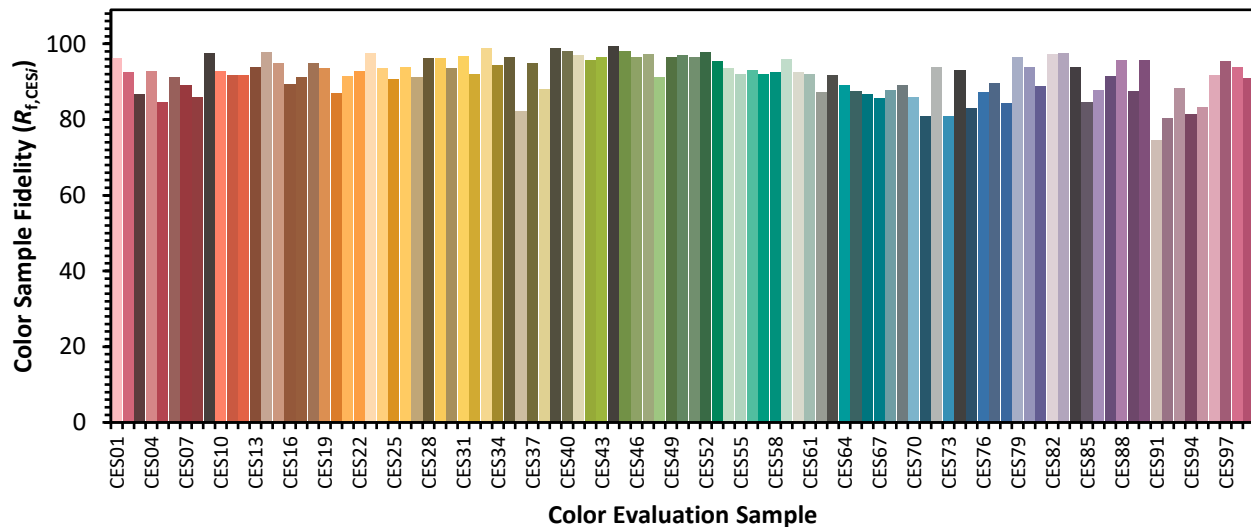


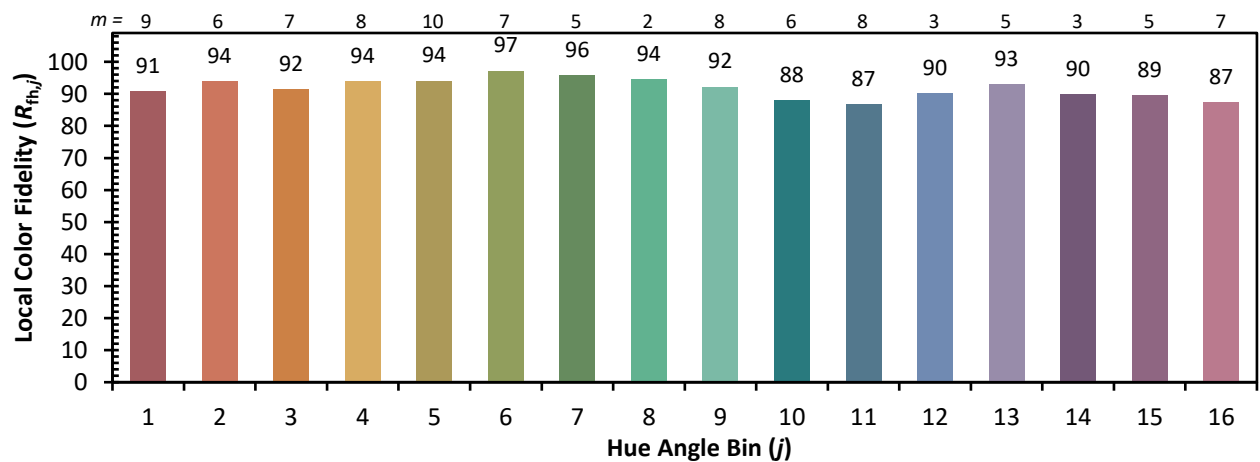
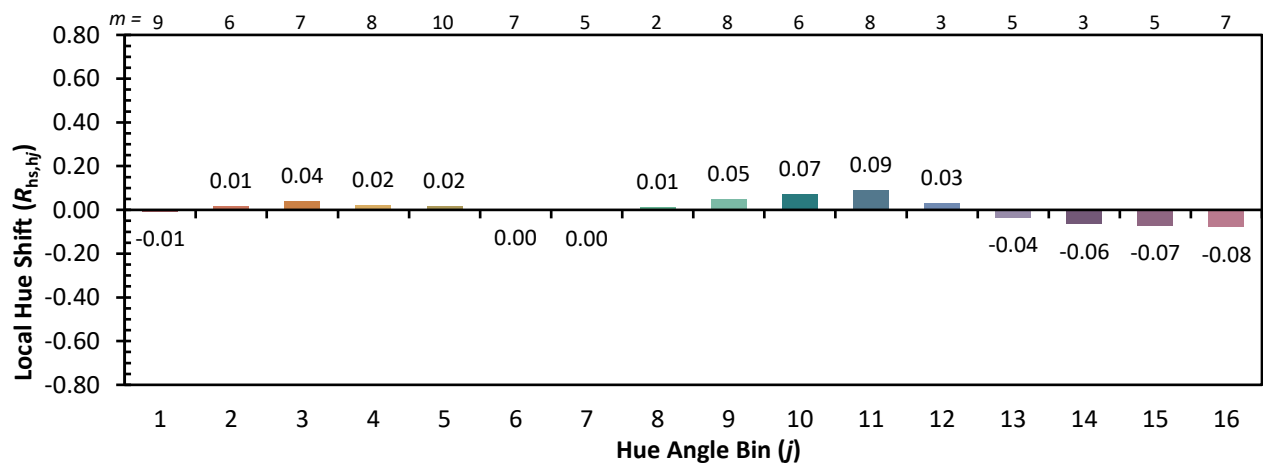
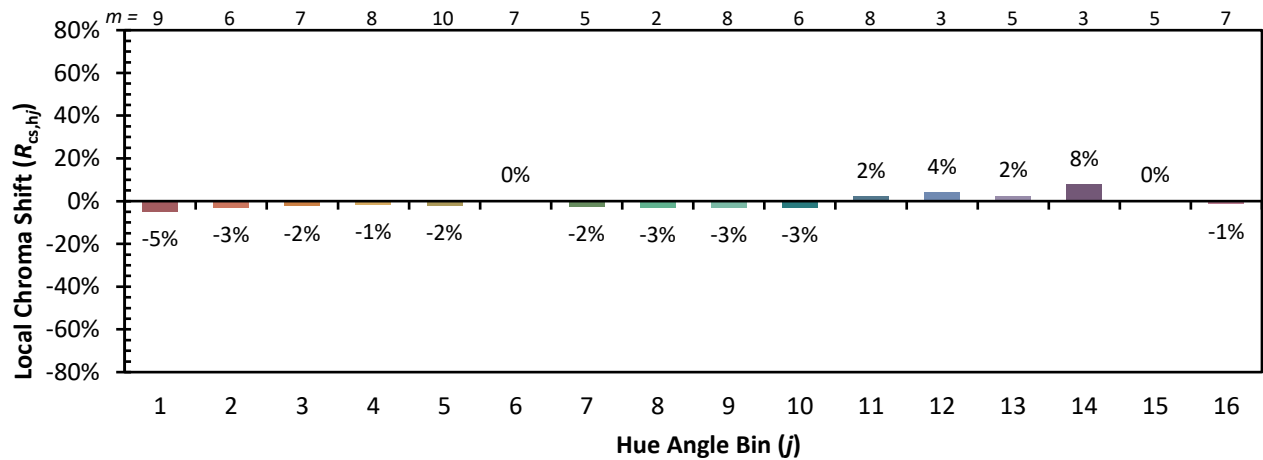
Color Vector Graphics



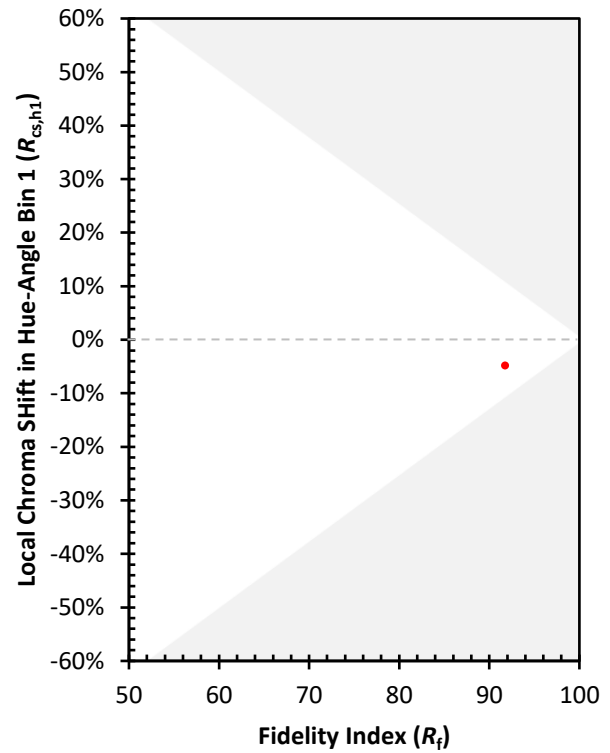
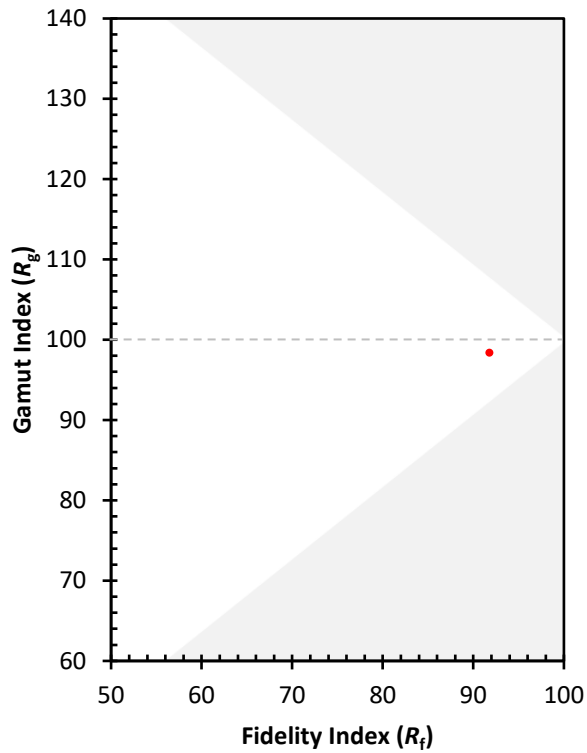
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)