

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: P1047562

Luminaire Tested: **GALN-SA3B-940-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047562
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-940-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10781.5 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 106.2
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

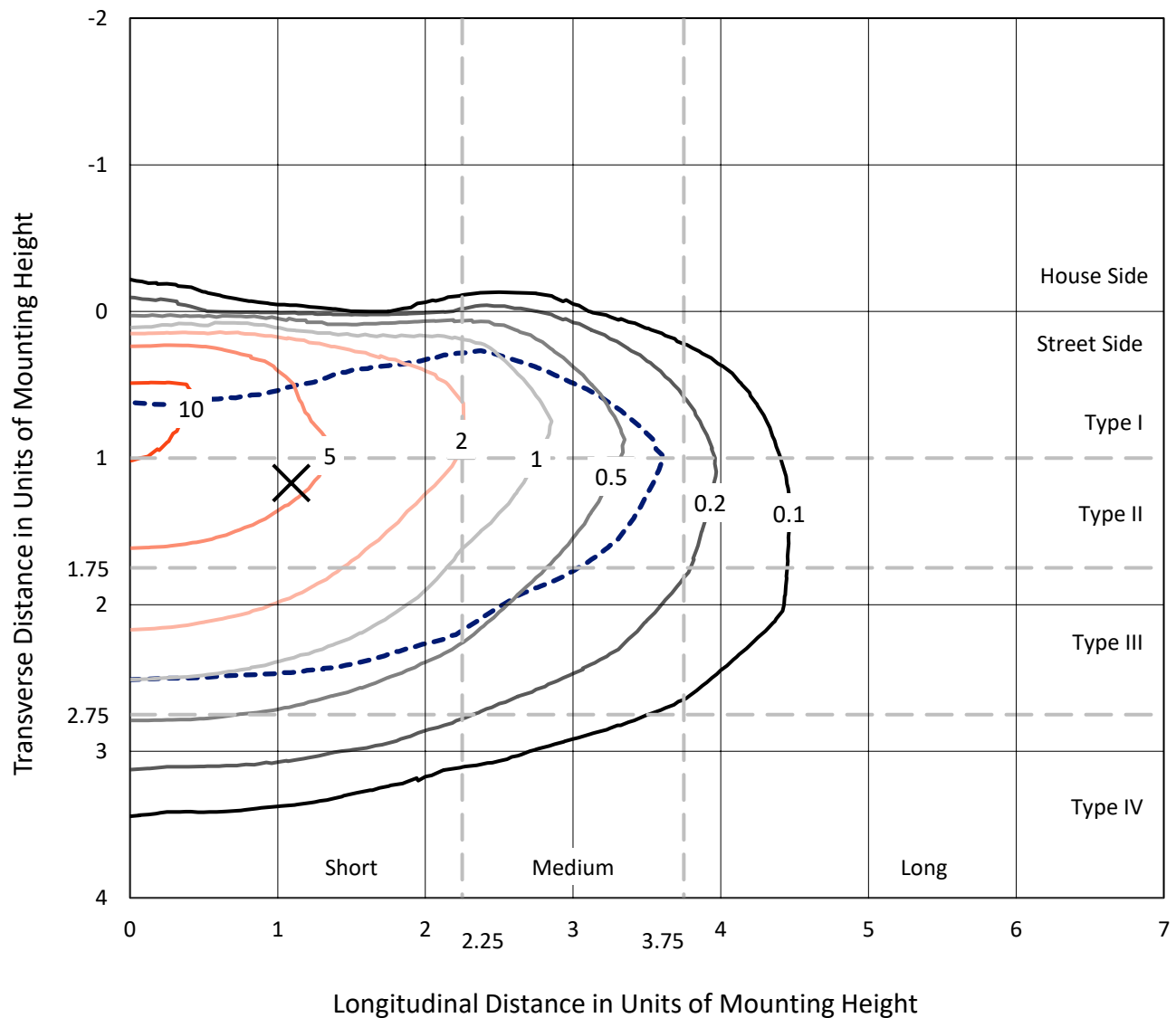


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CATALOG NUMBER: GALN-SA3B-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

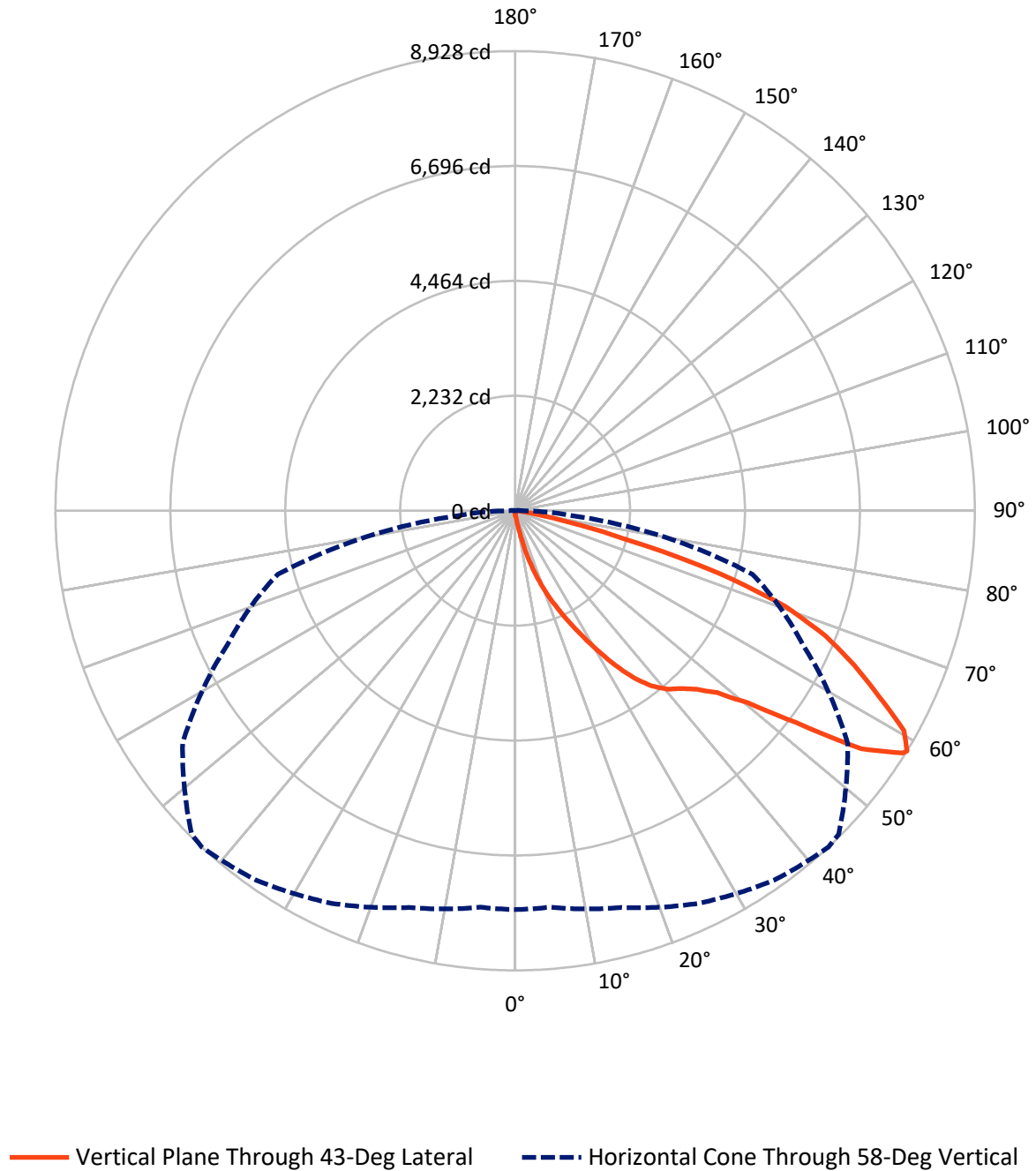


Based on 15 foot mounting height. Maximum calculated value = 12.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	39.4	0.0	39.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10742.2	0.0	10742.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	10781.5	0.0	10781.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.1
10°-20°	123.9	1.1
20°-30°	446.7	4.1
30°-40°	1022.0	9.5
40°-50°	1723.8	16.0
50°-60°	2844.6	26.4
60°-70°	3179.2	29.5
70°-80°	1312.6	12.2
80°-90°	118.3	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°	10781.5	100.0
0°-180°	10781.5	100.0



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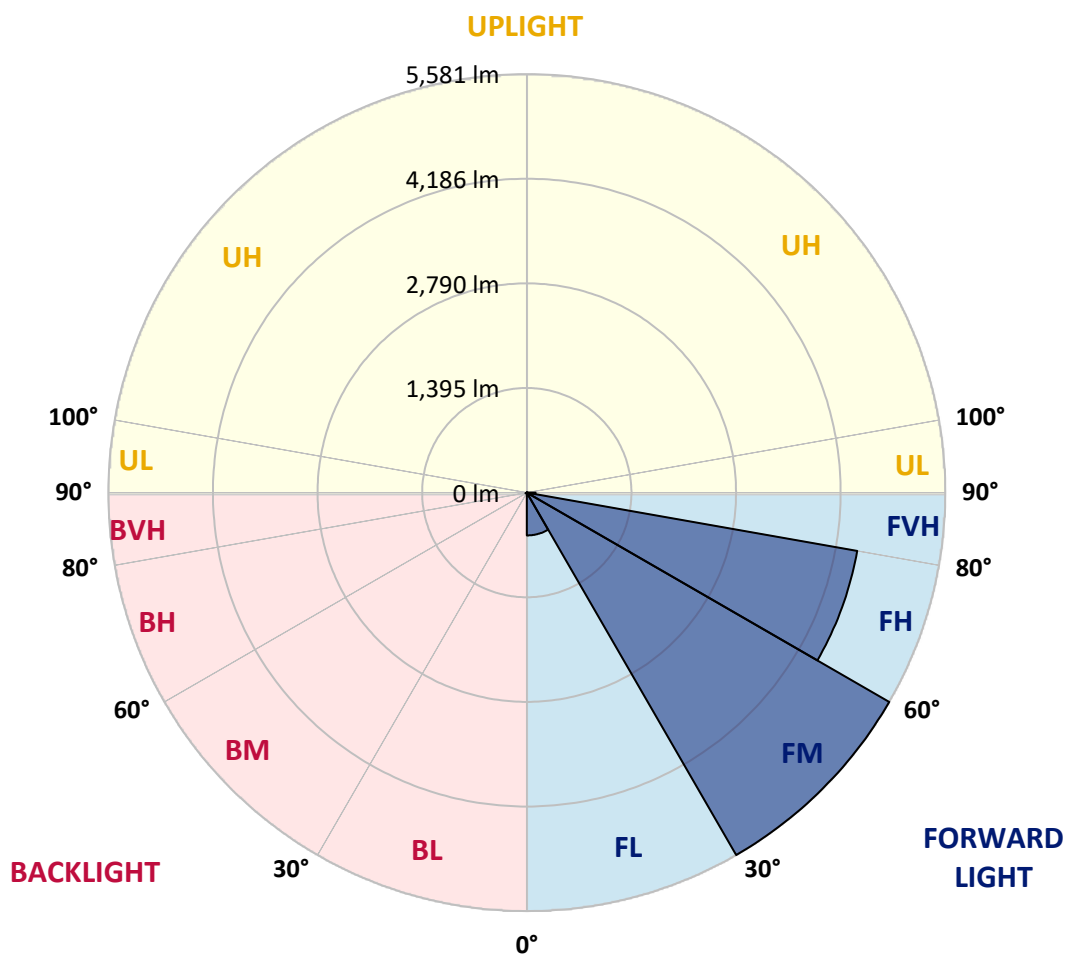
CATALOG NUMBER: GALN-SA3B-940-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	570.7	5.3			
FM	(30°-60°)	5580.9	51.8			
FH	(60°-80°)	4473.8	41.5			G2/5000
FVH	(80°-90°)	116.7	1.1			G2/225
BL	(0°-30°)	10.3	0.1	B0/110		
BM	(30°-60°)	9.4	0.1	B0/220		
BH	(60°-80°)	18.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2.5°	84.6	87.4	84.6	84.6	84.6	81.8	81.8	79.0	79.0	76.1	73.3
5°	124.1	124.1	115.6	110.0	104.3	101.5	98.7	93.1	87.4	81.8	76.1
7.5°	276.3	276.3	251.0	217.1	172.0	146.6	141.0	115.6	98.7	87.4	76.1
10°	659.8	659.8	603.4	510.4	394.8	293.3	262.2	166.4	118.4	93.1	79.0
12.5°	1096.9	1111.0	1040.5	922.1	750.1	572.4	510.4	304.5	157.9	101.5	79.0
15°	1488.9	1455.0	1435.3	1322.5	1158.9	947.5	868.5	513.2	228.4	115.6	79.0
17.5°	1753.9	1753.9	1725.7	1649.6	1500.1	1314.0	1249.2	829.0	369.4	132.5	81.8
20°	2064.1	2064.1	2013.4	1959.8	1827.2	1669.3	1607.3	1178.7	572.4	169.2	81.8
22.5°	2439.1	2444.8	2388.4	2292.5	2165.6	1990.8	1937.2	1503.0	829.0	225.6	84.6
25°	2896.0	2901.6	2819.8	2729.6	2535.0	2346.1	2264.3	1875.2	1142.0	315.8	84.6
27.5°	3400.7	3440.2	3318.9	3163.8	2958.0	2721.1	2659.1	2210.7	1452.2	445.5	90.2
30°	4029.5	4029.5	3868.8	3651.7	3428.9	3135.6	3056.7	2563.2	1782.1	617.5	95.9
32.5°	4570.9	4528.6	4322.8	4094.4	3857.5	3584.0	3499.4	2932.6	2120.5	831.8	107.2
35°	4985.4	4948.8	4695.0	4449.7	4243.8	3992.9	3891.4	3333.0	2478.6	1074.4	124.1
37.5°	5340.7	5326.6	4982.6	4675.3	4539.9	4320.0	4229.7	3710.9	2831.1	1336.6	143.8
40°	5729.9	5684.8	5318.2	4937.5	4734.5	4556.8	4475.1	4015.4	3169.5	1644.0	172.0
42.5°	6062.6	6009.0	5679.1	5306.9	4960.1	4720.4	4641.4	4272.0	3499.4	1951.3	208.7
45°	6432.0	6403.8	6071.1	5789.1	5326.6	4943.1	4838.8	4477.9	3801.1	2317.9	256.6
47.5°	6987.5	6936.8	6626.6	6395.3	5859.6	5281.5	5132.1	4689.4	4091.6	2678.8	329.9
50°	7633.3	7599.4	7416.1	7232.8	6699.9	5859.6	5681.9	4993.9	4415.8	3107.4	425.8
52.5°	8160.6	8154.9	8177.5	8180.3	7777.1	6832.4	6567.4	5484.5	4788.1	3530.4	561.1
55°	8149.3	8174.7	8422.8	8707.6	8738.6	8160.6	7904.0	6310.8	5273.1	4052.1	750.1
57.5°	7844.7	7825.0	8087.2	8515.9	8817.6	8879.6	8837.3	7593.8	6003.4	4680.9	1040.5
58°	7746.0	7729.1	7977.3	8414.3	8761.2	8927.5	8885.3	7884.2	6166.9	4771.1	1119.5
60°	7387.9	7390.7	7537.4	7935.0	8281.8	8676.6	8716.1	8713.2	6981.9	5374.6	1517.1
62.5°	6914.2	6891.6	7027.0	7351.3	7655.8	7920.9	7988.5	8769.6	8174.7	6141.6	2275.6
65°	6260.0	6226.2	6370.0	6736.5	7063.6	7235.7	7238.5	8013.9	8735.8	6965.0	3358.4
67.5°	5044.7	5016.5	5304.1	5775.0	6279.7	6505.3	6606.8	6953.7	8262.1	7523.3	3978.8
70°	3090.5	3149.7	3550.2	4288.9	5151.8	5566.3	5718.6	5825.7	7035.4	7438.7	3327.4
72.5°	1426.8	1356.3	1697.5	2213.6	3197.7	4119.8	4277.7	4697.8	5577.6	6457.4	2481.4
75°	665.5	640.1	719.1	967.2	1449.4	2224.8	2512.5	3750.4	4277.7	4492.0	1790.6
77.5°	341.2	344.0	408.9	439.9	597.8	1029.2	1181.5	2467.3	3135.6	2506.8	1201.2
80°	149.5	155.1	157.9	172.0	242.5	397.6	448.4	1144.8	2143.1	1277.4	657.0
82.5°	95.9	98.7	98.7	98.7	115.6	157.9	180.5	459.6	1068.7	634.5	203.0
85°	50.8	50.8	56.4	70.5	81.8	95.9	101.5	146.6	352.5	188.9	47.9
87.5°	28.2	31.0	33.8	42.3	53.6	64.9	70.5	101.5	135.4	129.7	11.3
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-SA3B-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2.5°	73.3	70.5	67.7	64.9	62.0	59.2	59.2	59.2	59.2	59.2	59.2
5°	70.5	67.7	64.9	59.2	53.6	50.8	47.9	45.1	45.1	45.1	45.1
7.5°	70.5	67.7	59.2	53.6	47.9	42.3	36.7	36.7	36.7	36.7	36.7
10°	70.5	64.9	56.4	47.9	39.5	33.8	31.0	28.2	28.2	28.2	28.2
12.5°	70.5	62.0	53.6	42.3	33.8	28.2	25.4	22.6	22.6	22.6	22.6
15°	70.5	62.0	50.8	39.5	31.0	22.6	19.7	16.9	16.9	16.9	16.9
17.5°	67.7	59.2	47.9	33.8	25.4	16.9	14.1	11.3	11.3	14.1	14.1
20°	64.9	56.4	42.3	28.2	19.7	14.1	8.5	8.5	8.5	8.5	8.5
22.5°	64.9	56.4	39.5	25.4	16.9	8.5	5.6	5.6	5.6	5.6	8.5
25°	64.9	53.6	33.8	19.7	11.3	5.6	2.8	2.8	2.8	2.8	2.8
27.5°	64.9	53.6	31.0	16.9	8.5	5.6	2.8	0.0	0.0	0.0	0.0
30°	62.0	50.8	28.2	14.1	5.6	2.8	0.0	0.0	0.0	0.0	0.0
32.5°	62.0	47.9	22.6	11.3	5.6	2.8	0.0	0.0	0.0	0.0	0.0
35°	64.9	45.1	19.7	8.5	2.8	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	67.7	42.3	16.9	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	70.5	39.5	16.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	76.1	39.5	14.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	81.8	39.5	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	93.1	42.3	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	101.5	45.1	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	112.8	42.3	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	126.9	42.3	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	138.2	39.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	143.8	36.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	172.0	33.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	267.9	28.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	544.2	25.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1015.1	22.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1136.4	25.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	716.2	19.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	377.9	19.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	188.9	19.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	87.4	14.1	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	36.7	8.5	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.9	8.5	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0
87.5°	8.5	8.5	8.5	5.6	5.6	2.8	2.8	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

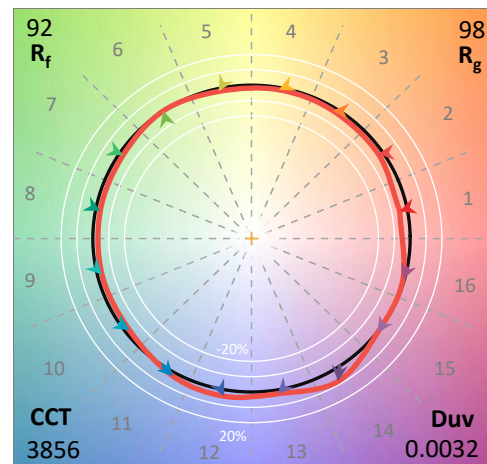
Test Information

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

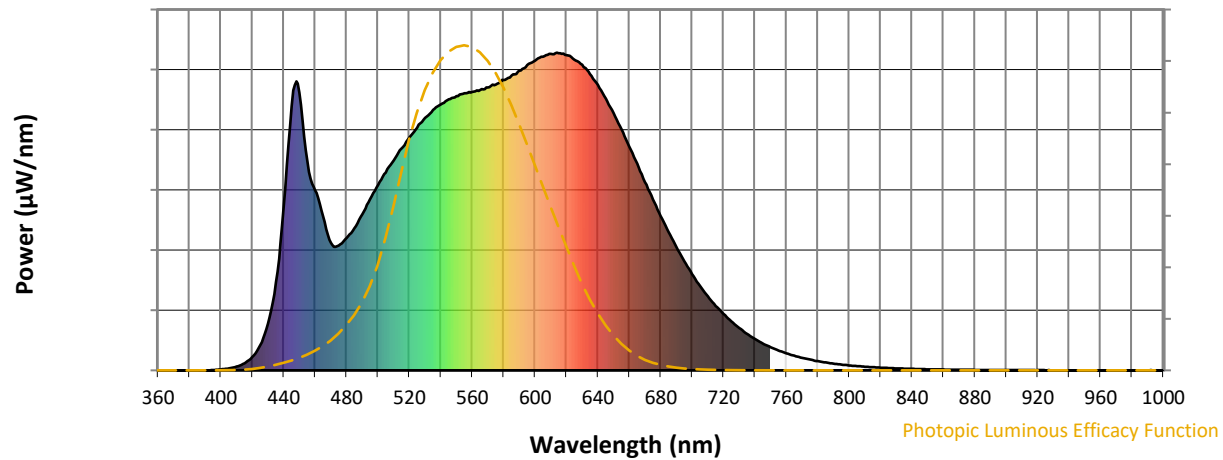
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

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

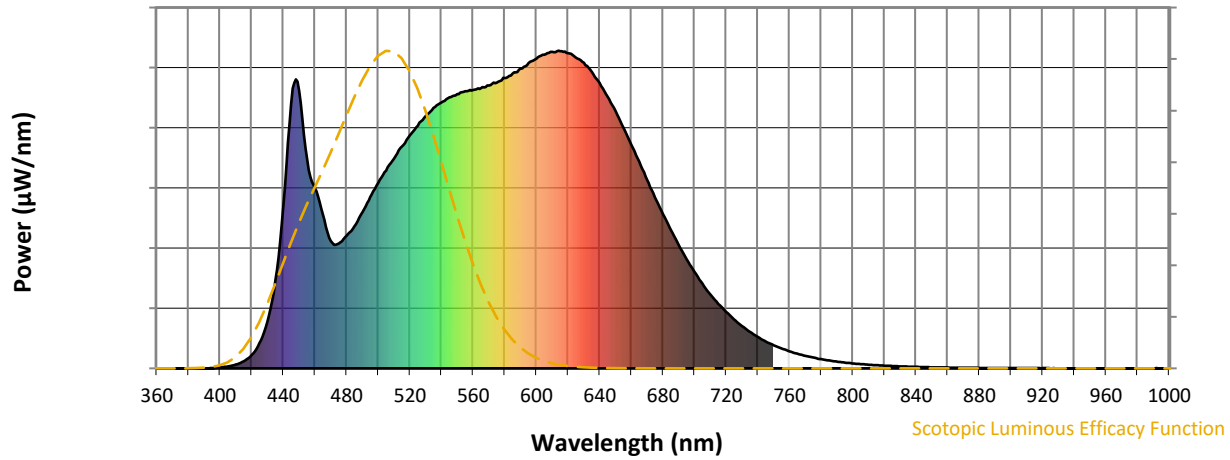


Photopic Lumens: NR

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	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



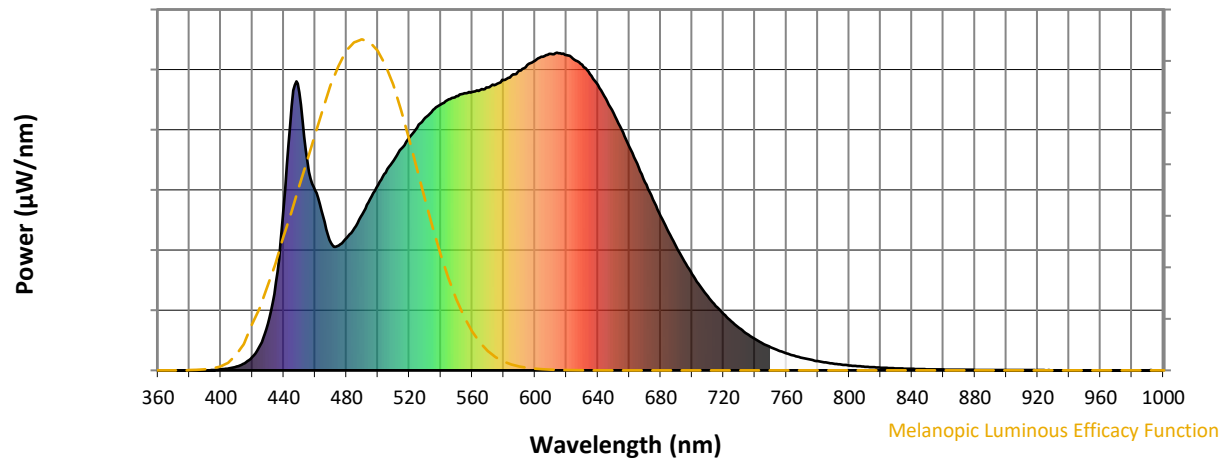
Scotopic Lumens: NR

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

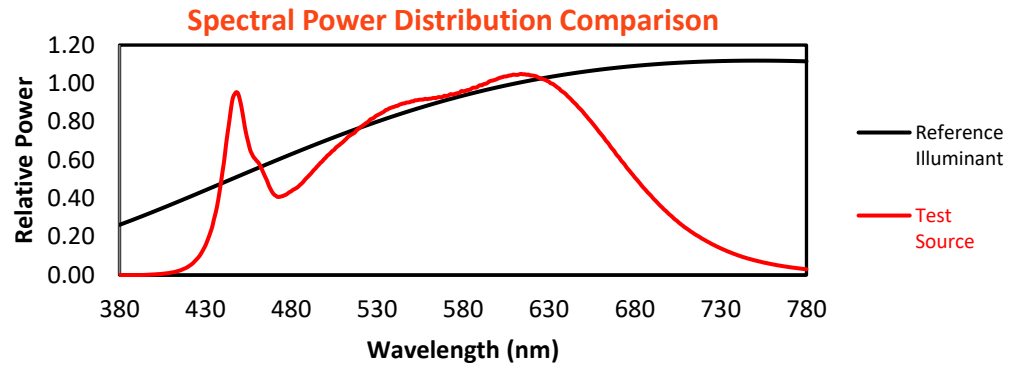
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	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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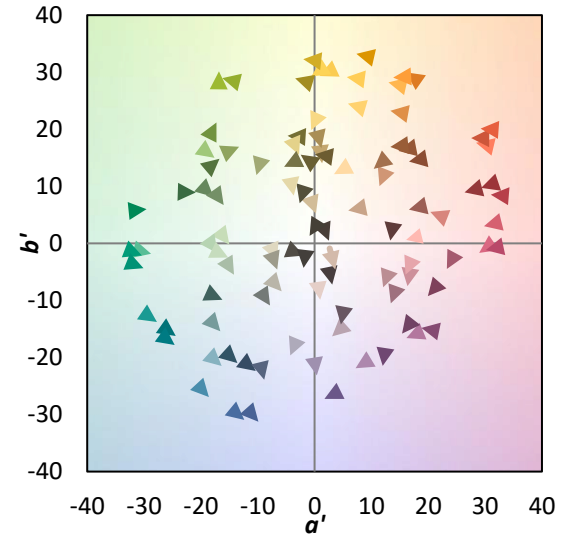
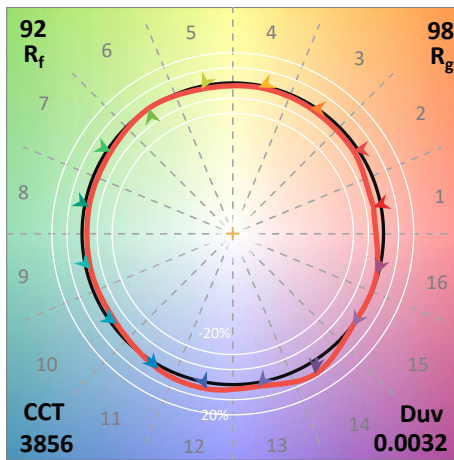
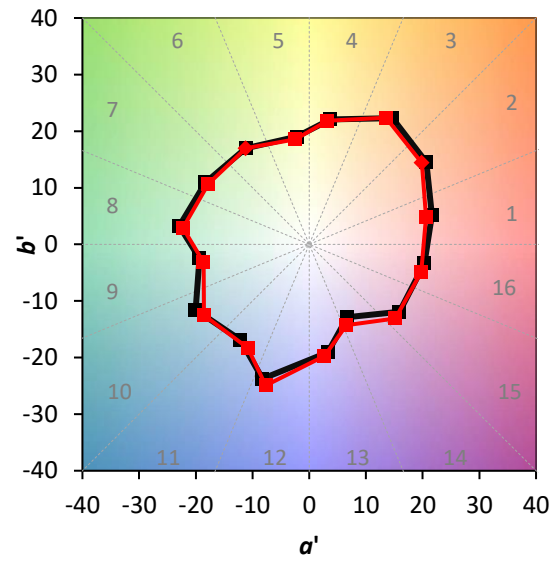
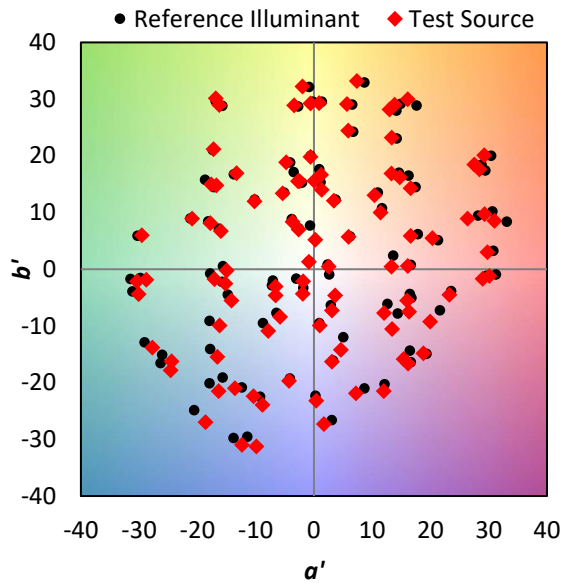
TM-30-18

Summary

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

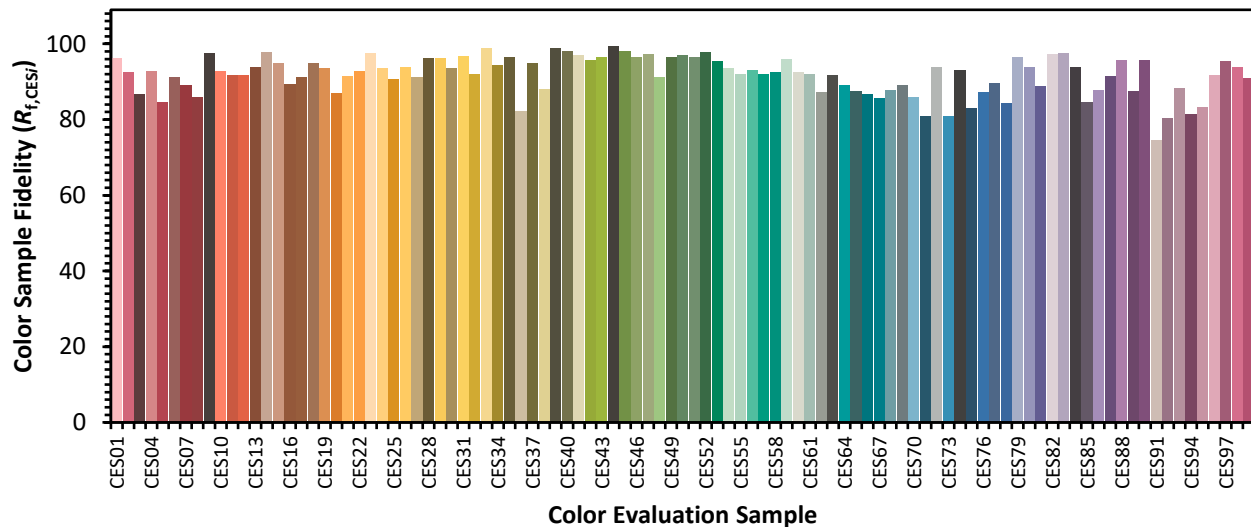


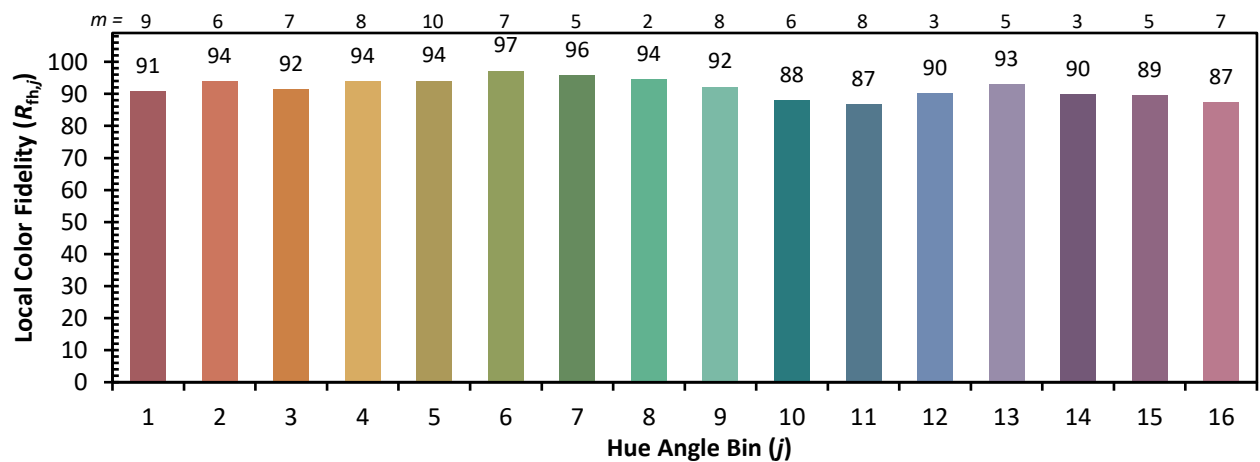
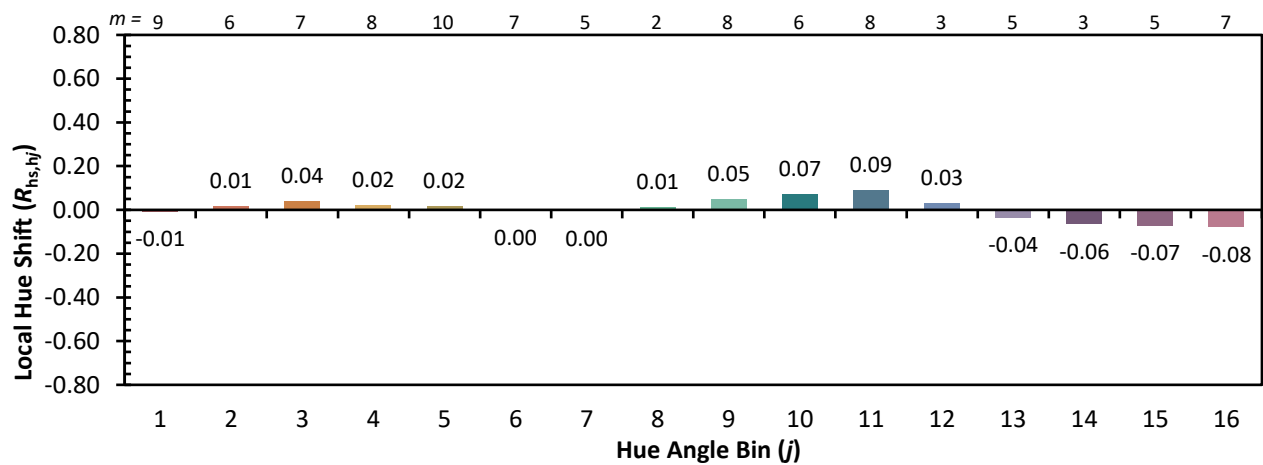
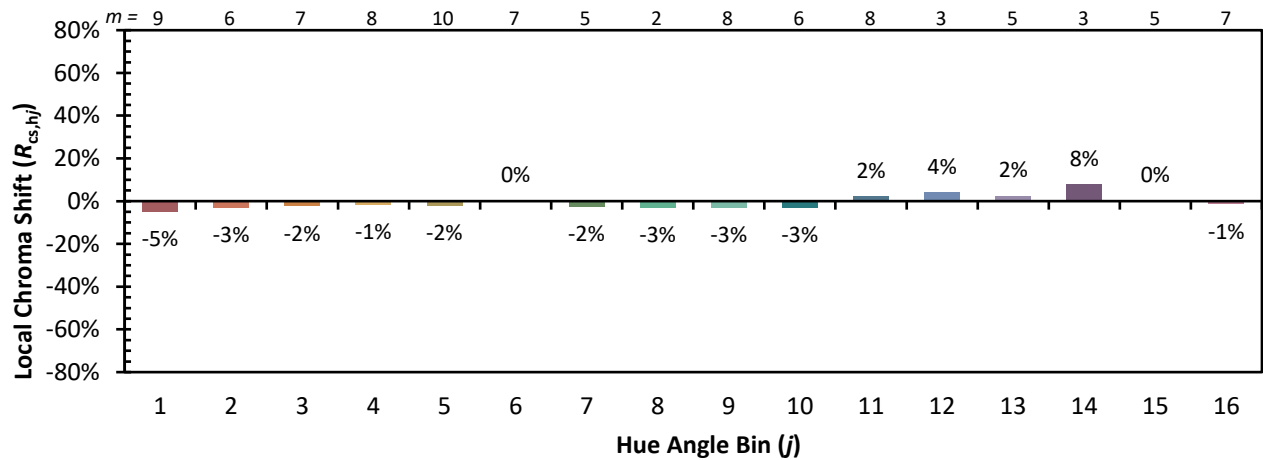
Color Vector Graphics



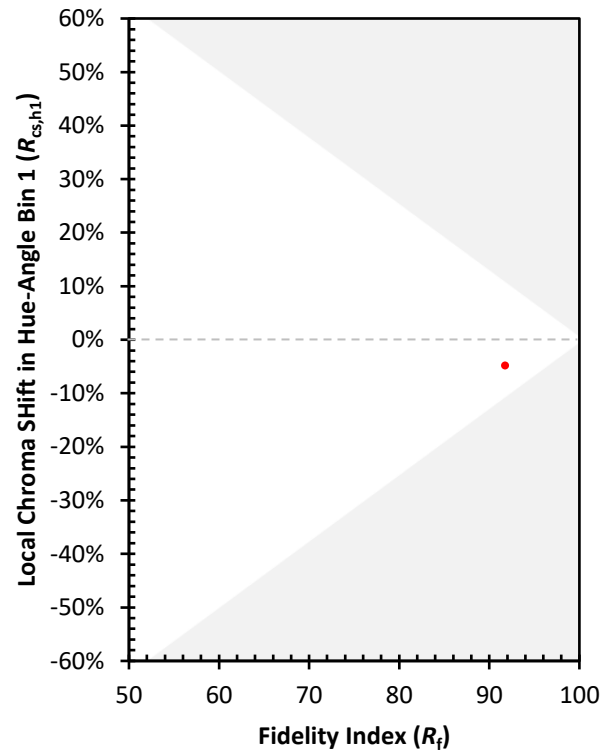
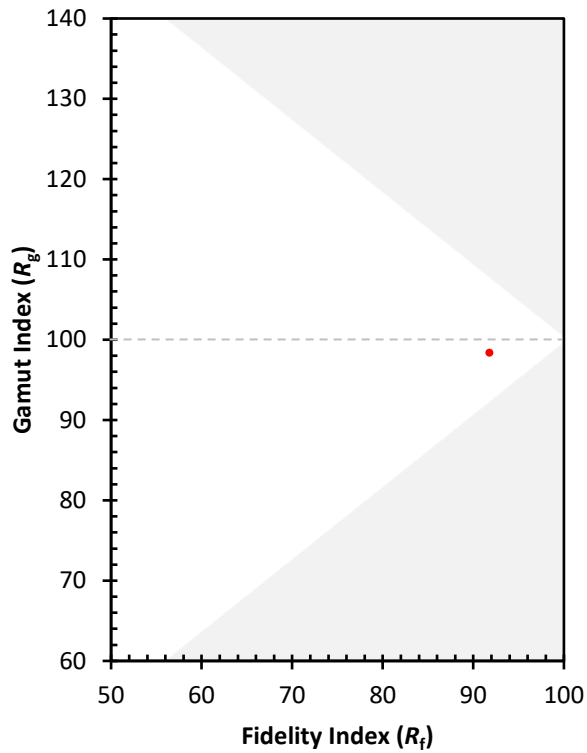
Individual Sample Fidelity Index ($R_{f,i}$)

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)