

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: P1048197

Luminaire Tested: **GALN-SA9A-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048197
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23485.8 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 244.6
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

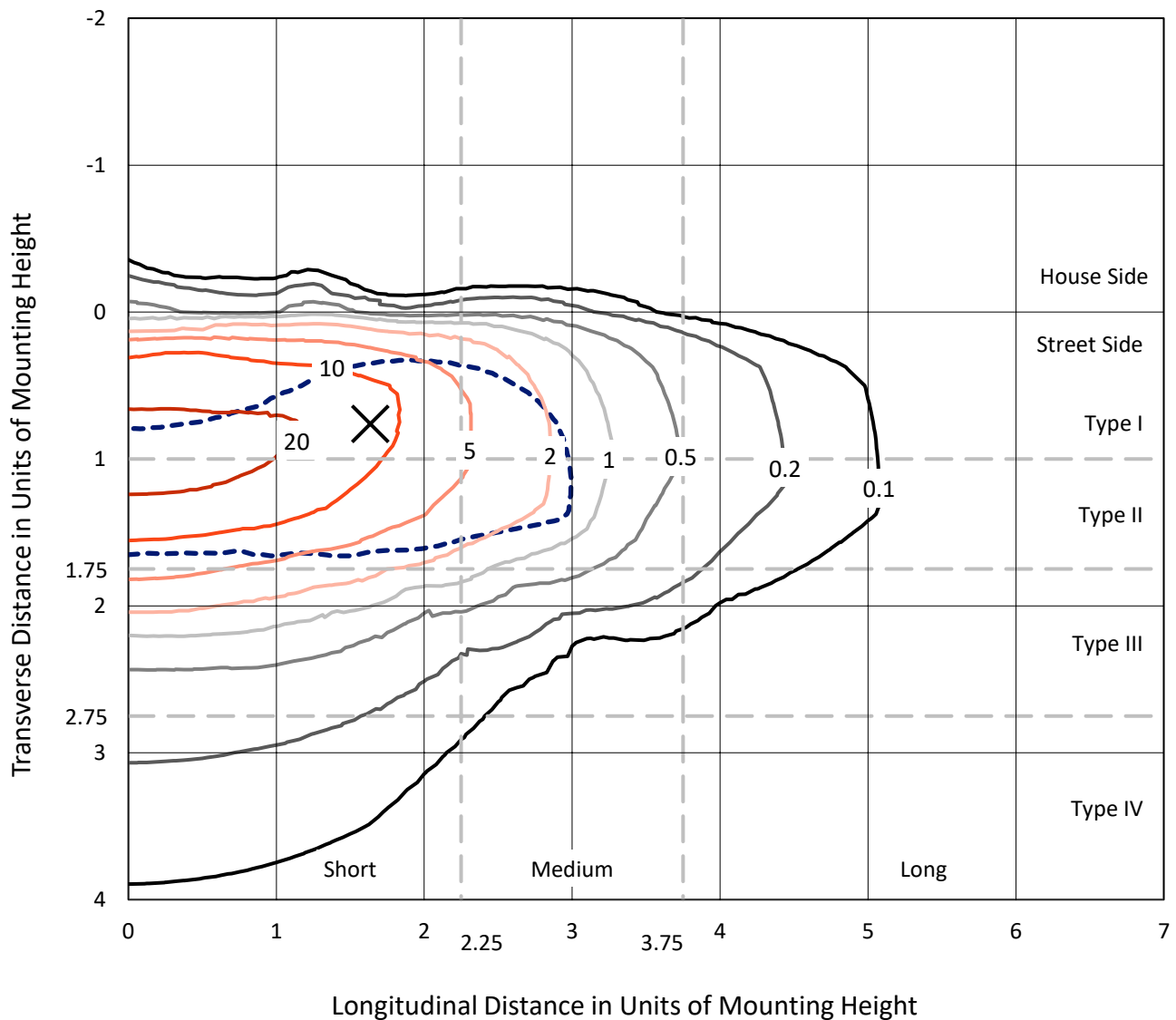


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

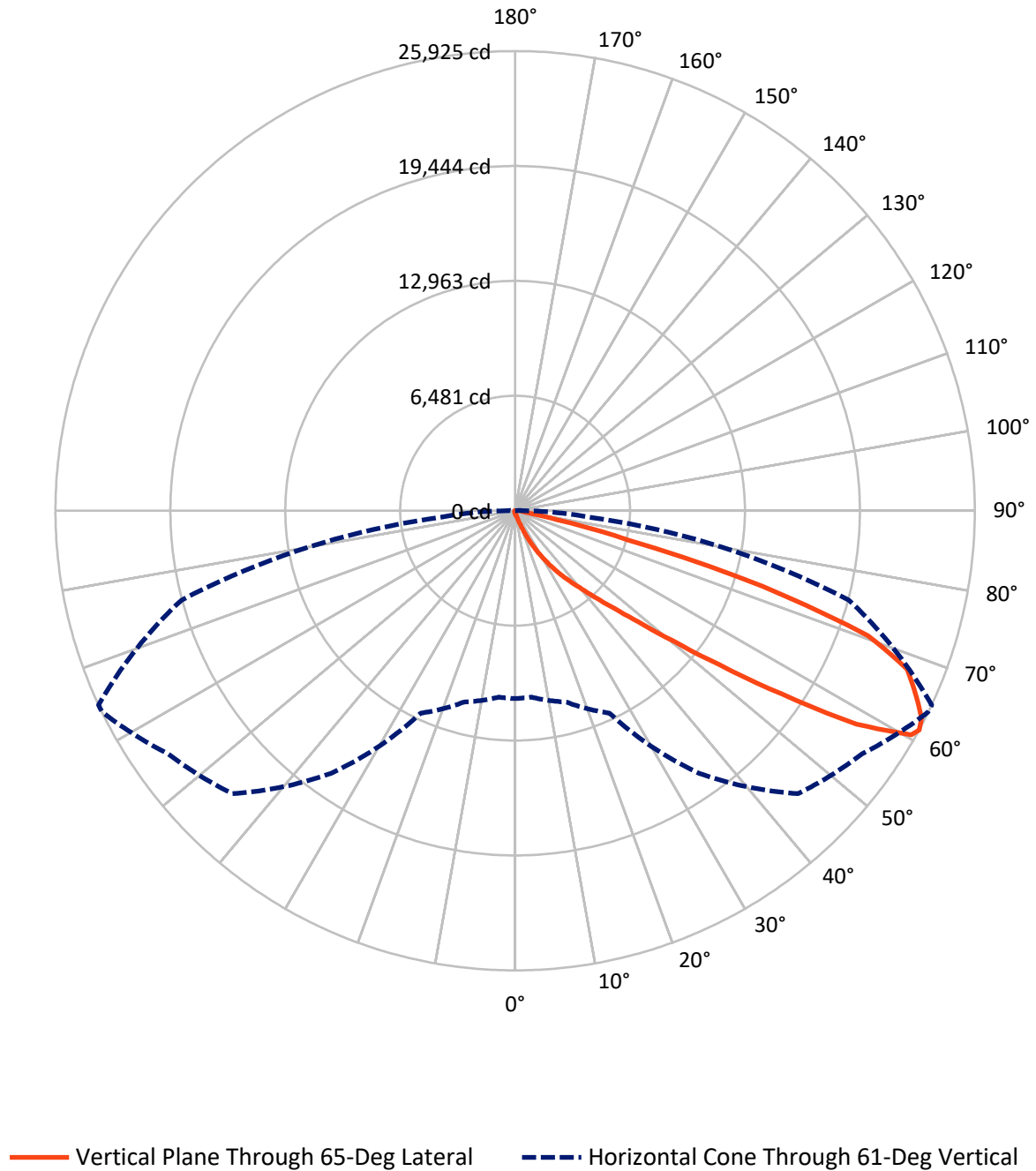


Based on 15 foot mounting height. Maximum calculated value = 31.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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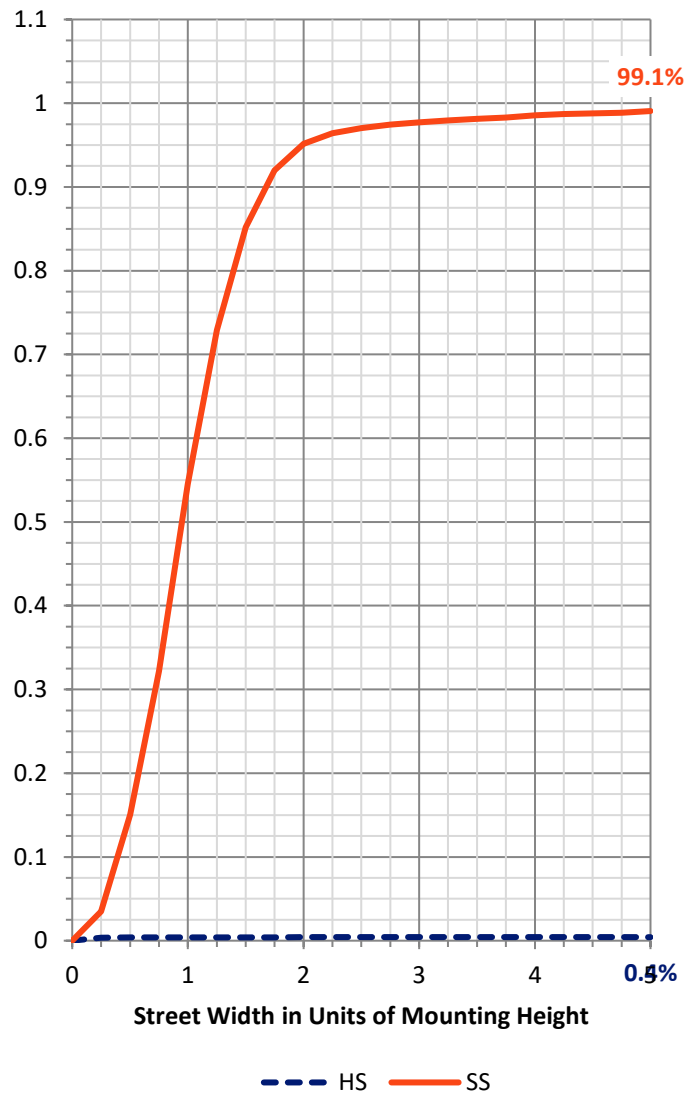
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	100.3	0.0	100.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23385.6	0.0	23385.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	23485.8	0.0	23485.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.3	0.1
10°-20°	193.1	0.8
20°-30°	693.1	3.0
30°-40°	1845.3	7.9
40°-50°	4847.6	20.6
50°-60°	7509.9	32.0
60°-70°	6296.9	26.8
70°-80°	1853.1	7.9
80°-90°	228.6	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°	23485.8	100.0
0°-180°	23485.8	100.0

Coefficient of Utilization



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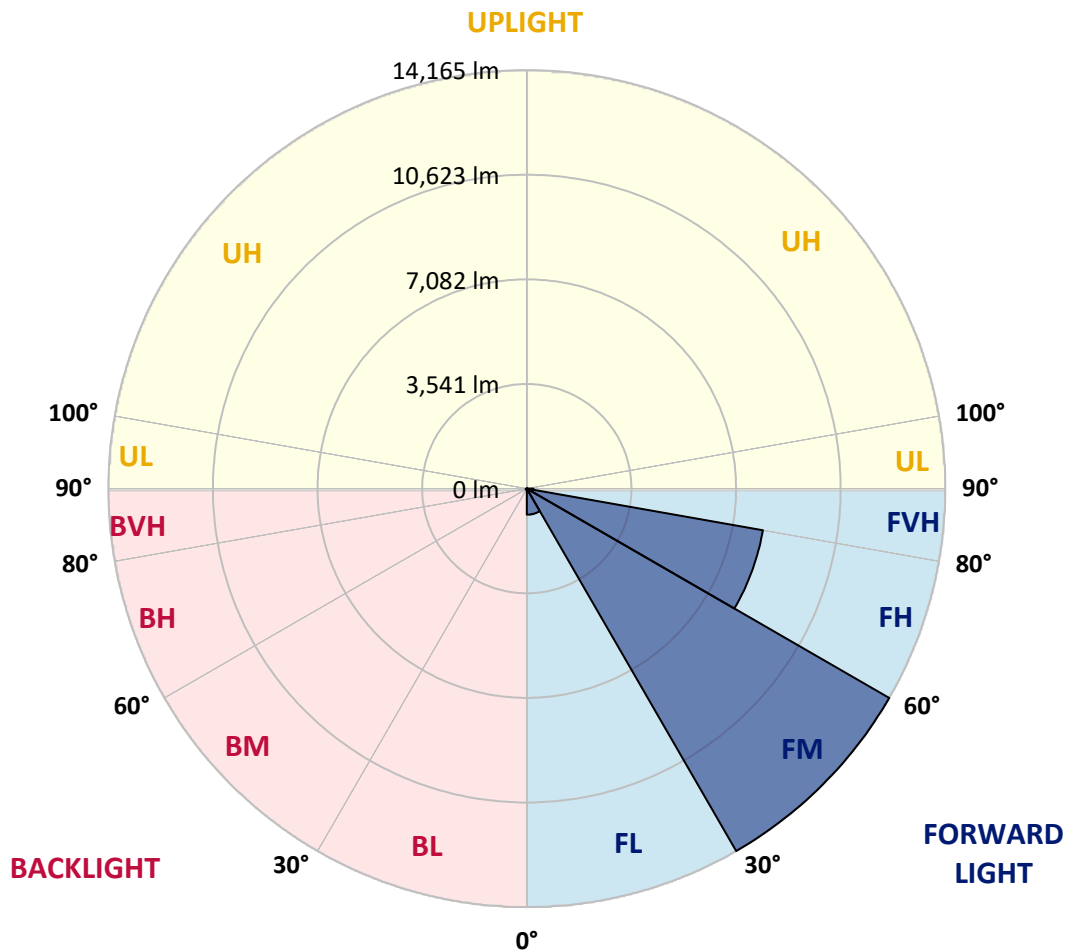
CATALOG NUMBER: GALN-SA9A-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	882.0	3.8			
FM	(30°-60°)	14164.6	60.3			
FH	(60°-80°)	8114.6	34.6			G4/12000
FVH	(80°-90°)	224.4	1.0			G2/225
BL	(0°-30°)	22.5	0.1	B0/110		
BM	(30°-60°)	38.2	0.2	B0/220		
BH	(60°-80°)	35.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8
2.5°	174.5	176.1	172.9	166.4	161.6	161.6	159.9	155.1	155.1	150.2	147.0
5°	244.0	240.7	234.3	221.3	210.0	198.7	187.4	176.1	174.5	159.9	150.2
7.5°	399.0	402.3	381.3	340.9	307.0	263.3	222.9	198.7	195.5	171.3	151.9
10°	875.6	851.4	802.9	646.2	531.5	400.7	297.3	231.0	227.8	184.2	155.1
12.5°	1596.2	1576.8	1487.9	1326.4	1030.7	717.3	434.6	286.0	276.3	195.5	156.7
15°	2300.6	2269.9	2221.4	2058.2	1712.5	1286.0	710.9	391.0	365.1	211.6	155.1
17.5°	2749.7	2754.5	2710.9	2641.5	2418.5	1903.1	1227.8	583.2	533.1	240.7	151.9
20°	3142.3	3131.0	3155.2	3118.1	2961.3	2586.5	1786.8	924.1	838.5	287.6	153.5
22.5°	3594.6	3622.1	3639.9	3631.8	3458.9	3139.1	2421.7	1382.9	1274.7	373.2	158.3
25°	4200.5	4197.3	4198.9	4177.9	4009.8	3654.4	3058.3	1953.2	1843.4	512.1	169.6
27.5°	4835.4	4854.8	4862.9	4786.9	4567.2	4218.3	3648.0	2576.8	2447.6	735.1	184.2
30°	5703.0	5686.8	5649.7	5494.6	5228.0	4795.0	4229.6	3231.1	3095.4	1046.9	206.8
32.5°	6872.6	6854.9	6667.5	6325.0	5925.9	5396.0	4814.4	3887.1	3722.3	1436.2	237.5
35°	8800.0	8827.5	8367.0	7480.1	6764.4	6118.2	5462.2	4539.8	4394.4	1916.1	279.5
37.5°	11751.7	11601.4	10976.2	9409.1	7867.8	7019.7	6081.0	5198.9	5072.9	2507.4	334.4
40°	14619.3	14470.7	14289.7	12805.0	9785.5	8013.2	6947.0	5972.8	5809.6	3174.6	415.2
42.5°	17634.0	17551.6	17543.5	16423.9	13284.8	9575.5	7989.0	6879.1	6740.2	3906.5	547.7
45°	19769.7	19687.4	19860.2	20055.7	18050.8	12923.0	9803.3	8056.9	7854.9	4795.0	759.3
47.5°	20057.3	20060.6	20522.6	21134.9	21592.1	18100.9	12220.2	9617.5	9371.9	6066.5	1114.7
50°	19100.9	19138.1	19873.1	20968.5	22199.6	22445.1	16482.1	11882.5	11519.0	7573.8	1618.8
52.5°	17280.2	17322.2	18346.4	20147.8	21640.6	23488.8	21500.0	14845.5	14427.1	9454.3	2329.7
55°	15640.3	15666.2	16840.7	19117.1	20966.9	22921.7	24479.1	18802.0	18252.7	11767.8	3030.8
57.5°	14016.7	13956.9	14721.1	17327.0	20852.2	22225.4	24918.6	23311.1	22705.2	14296.2	3576.9
60°	11845.4	11745.2	12359.1	14016.7	19343.2	22682.6	24096.2	25805.5	25668.2	17816.5	3998.5
61°	10596.5	10554.5	11171.7	12593.4	18073.4	22566.3	23899.1	25910.5	25925.1	19482.2	4187.6
62.5°	7567.3	7686.9	8630.4	10478.6	15137.9	21811.8	23925.0	25585.8	25729.6	21695.5	4677.1
65°	3363.6	3555.9	4289.3	5793.4	8803.2	18144.5	23695.6	24873.3	24802.3	22303.0	6363.7
67.5°	1995.2	2024.3	2389.4	3282.8	4662.5	9759.7	20910.3	23931.5	23836.1	19415.9	7917.9
70°	1572.0	1586.5	1702.8	2059.9	2706.1	3738.4	11934.2	20705.2	21120.4	15743.7	7751.5
72.5°	1491.2	1487.9	1504.1	1567.1	1704.4	1854.7	4620.5	13763.1	14608.0	11338.1	6499.4
75°	1471.8	1465.3	1449.2	1424.9	1234.3	1092.1	1431.4	6087.5	6577.0	7746.7	4893.6
77.5°	1428.2	1429.8	1433.0	1366.8	1058.2	772.2	693.1	1953.2	2402.4	4916.2	3478.3
80°	966.1	980.7	1004.9	979.0	951.6	559.0	489.5	694.7	704.4	2759.4	2297.3
82.5°	489.5	489.5	478.2	426.5	368.4	363.5	389.4	504.1	510.5	1395.9	1080.8
85°	295.6	311.8	318.3	289.2	265.0	244.0	297.3	400.7	415.2	541.2	252.0
87.5°	66.2	67.9	74.3	98.5	143.8	195.5	276.3	366.7	373.2	347.3	30.7
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-SA9A-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8
2.5°	145.4	142.2	140.6	135.7	130.9	126.0	122.8	121.2	122.8	124.4	124.4
5°	143.8	138.9	130.9	122.8	116.3	109.9	103.4	101.8	101.8	103.4	103.4
7.5°	143.8	135.7	124.4	114.7	105.0	95.3	90.5	87.2	88.9	88.9	88.9
10°	143.8	134.1	119.6	105.0	93.7	82.4	74.3	71.1	71.1	71.1	71.1
12.5°	142.2	132.5	114.7	96.9	80.8	67.9	58.2	53.3	54.9	54.9	54.9
15°	138.9	127.6	108.2	82.4	64.6	51.7	42.0	37.2	38.8	42.0	43.6
17.5°	134.1	122.8	96.9	69.5	51.7	38.8	29.1	25.8	27.5	32.3	32.3
20°	132.5	117.9	85.6	56.5	38.8	27.5	19.4	16.2	17.8	24.2	25.8
22.5°	132.5	114.7	77.5	46.9	29.1	17.8	11.3	6.5	6.5	11.3	11.3
25°	134.1	113.1	71.1	38.8	21.0	12.9	6.5	3.2	6.5	17.8	21.0
27.5°	137.3	111.5	67.9	32.3	16.2	11.3	4.8	11.3	19.4	19.4	19.4
30°	140.6	108.2	63.0	27.5	14.5	8.1	8.1	16.2	16.2	19.4	21.0
32.5°	145.4	106.6	59.8	24.2	11.3	6.5	11.3	9.7	9.7	11.3	12.9
35°	155.1	108.2	56.5	24.2	11.3	8.1	9.7	4.8	3.2	3.2	3.2
37.5°	168.0	109.9	51.7	21.0	9.7	9.7	4.8	0.0	0.0	0.0	0.0
40°	189.0	114.7	48.5	19.4	8.1	8.1	1.6	0.0	0.0	0.0	0.0
42.5°	224.6	124.4	46.9	17.8	8.1	6.5	0.0	0.0	0.0	0.0	0.0
45°	295.6	147.0	43.6	16.2	8.1	3.2	0.0	0.0	0.0	0.0	0.0
47.5°	424.9	200.3	42.0	12.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	620.4	271.4	40.4	11.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	791.6	286.0	27.5	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	811.0	197.1	21.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	646.2	127.6	17.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	489.5	96.9	16.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	470.1	87.2	16.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	518.6	75.9	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	843.3	63.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1465.3	54.9	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1851.4	51.7	9.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1614.0	46.9	9.7	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	971.0	40.4	9.7	6.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	508.9	30.7	9.7	8.1	4.8	1.6	0.0	0.0	0.0	0.0	0.0
80°	247.2	27.5	11.3	8.1	6.5	3.2	0.0	0.0	0.0	0.0	0.0
82.5°	96.9	22.6	12.9	11.3	8.1	4.8	1.6	0.0	0.0	0.0	0.0
85°	43.6	19.4	14.5	12.9	11.3	6.5	1.6	0.0	0.0	0.0	0.0
87.5°	22.6	17.8	16.2	14.5	11.3	8.1	3.2	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

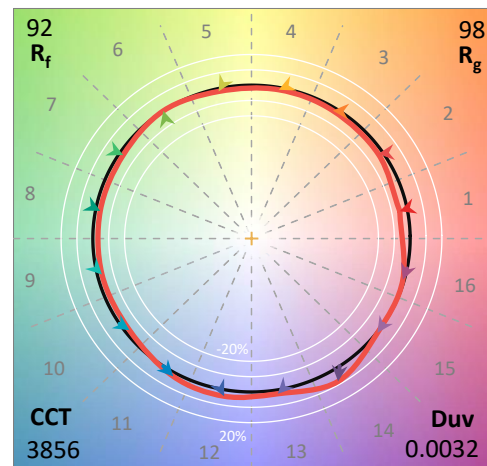
Test Information

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

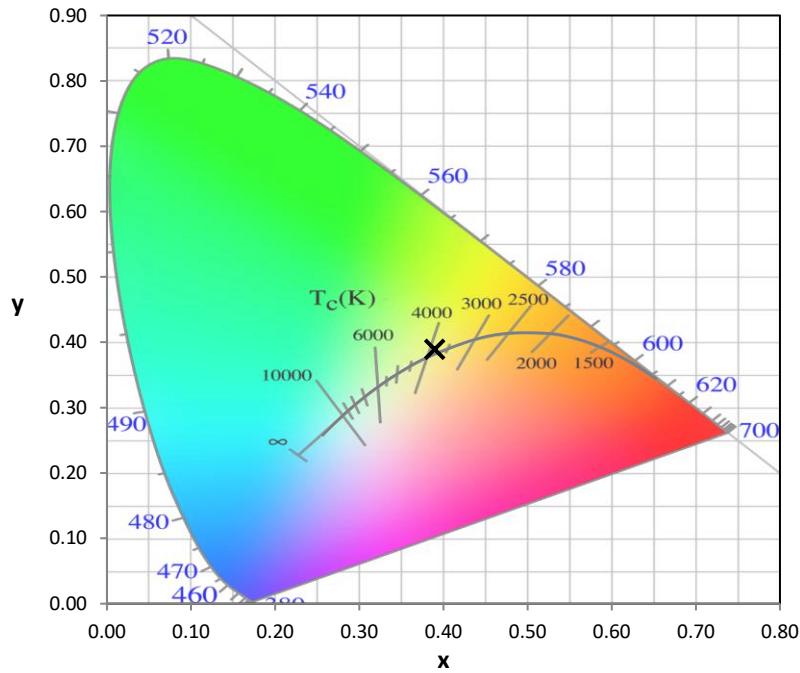
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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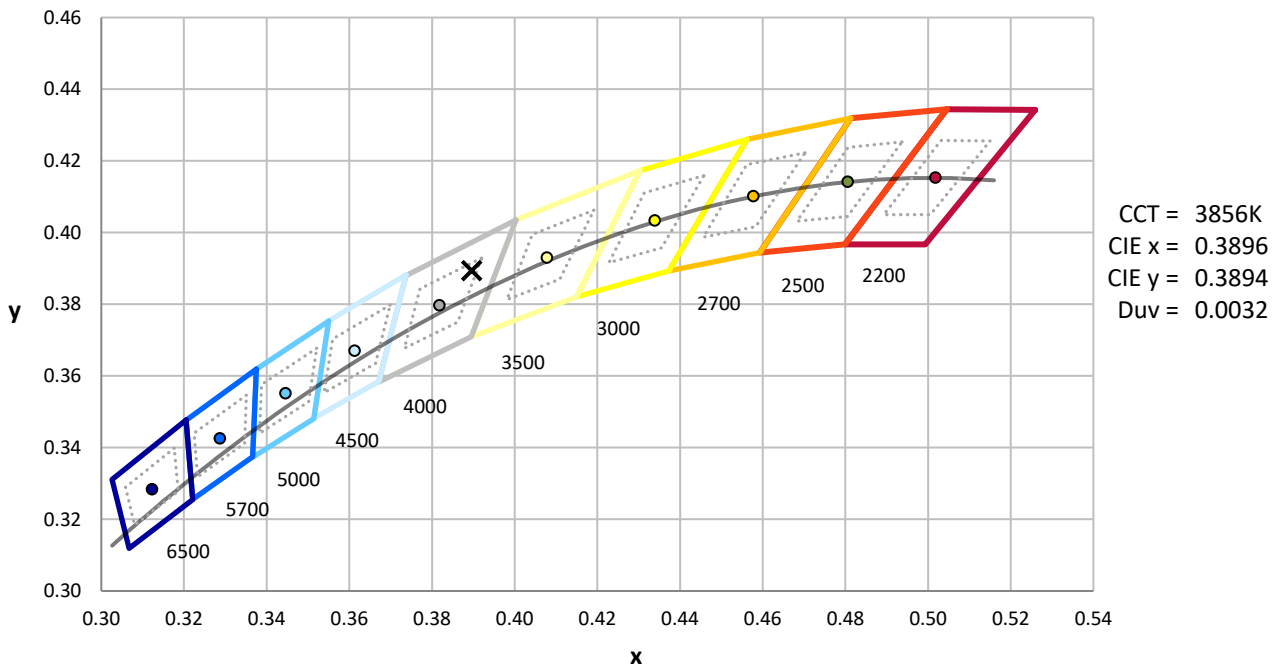
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



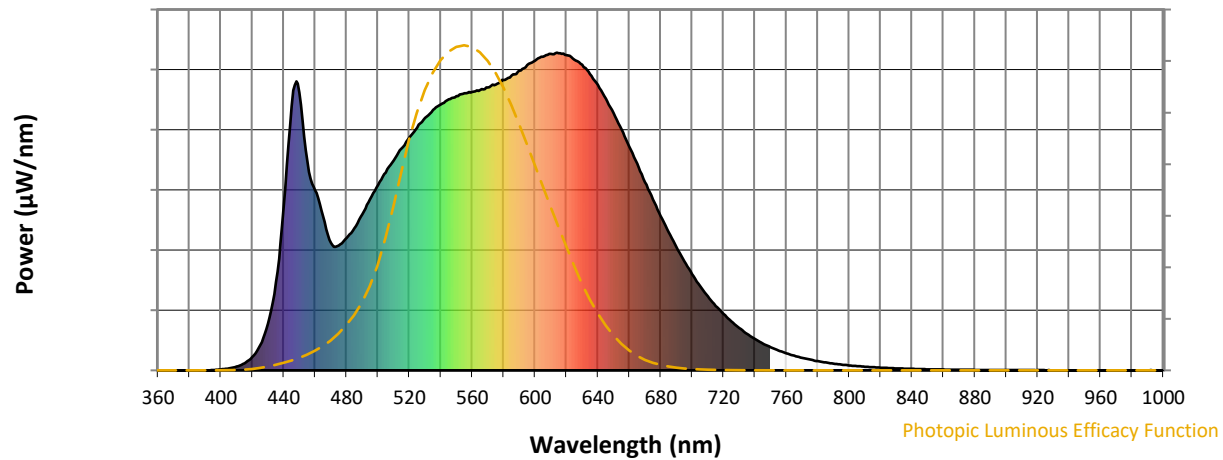
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

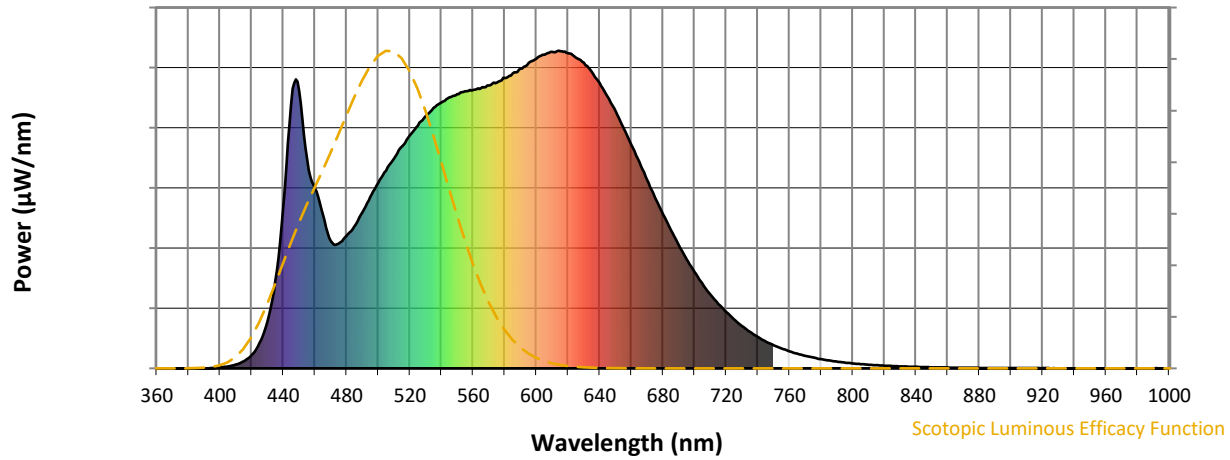


Photopic Lumens: NR

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



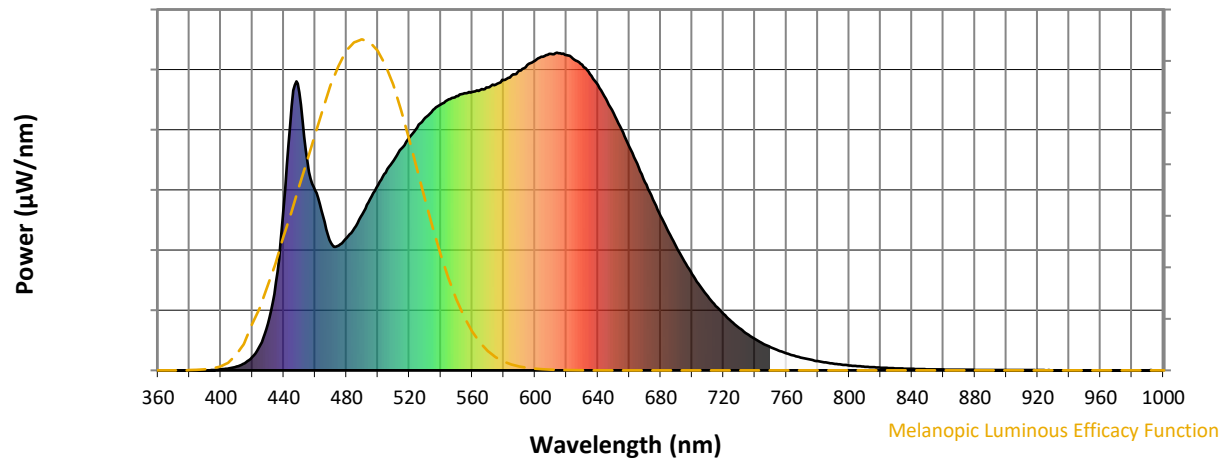
Scotopic Lumens: NR

S/P: 1.72

λ (nm)	Power W ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

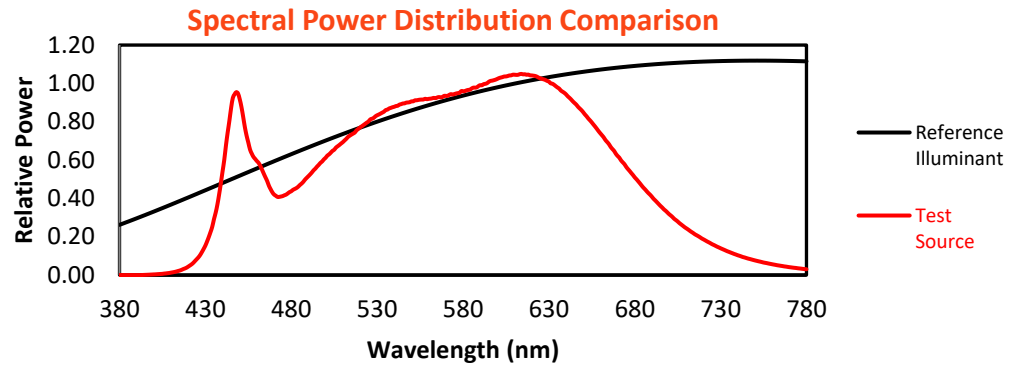
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	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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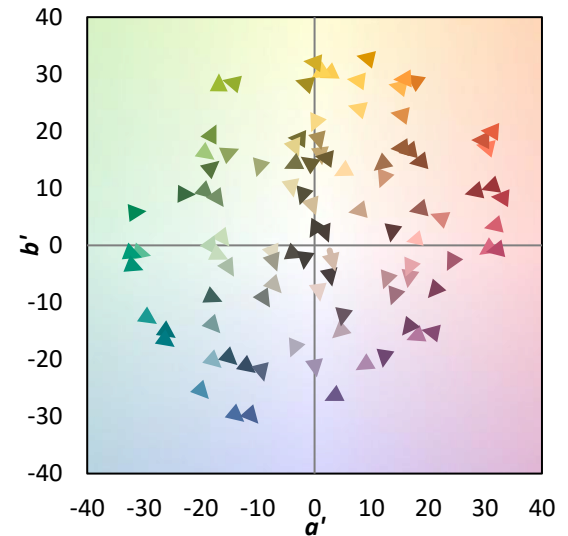
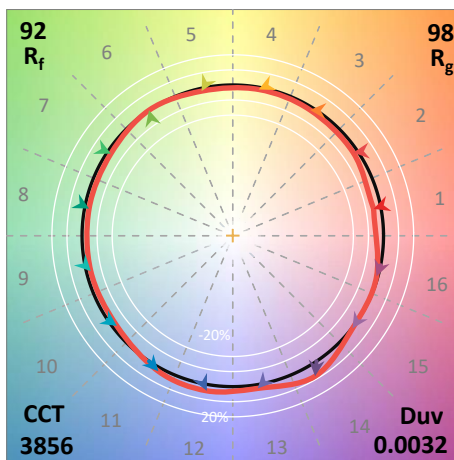
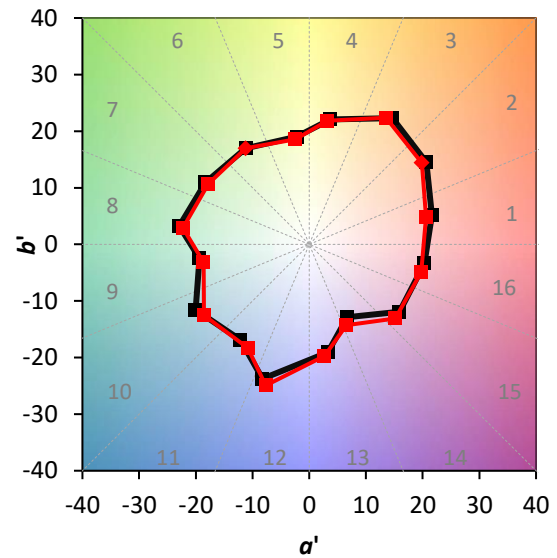
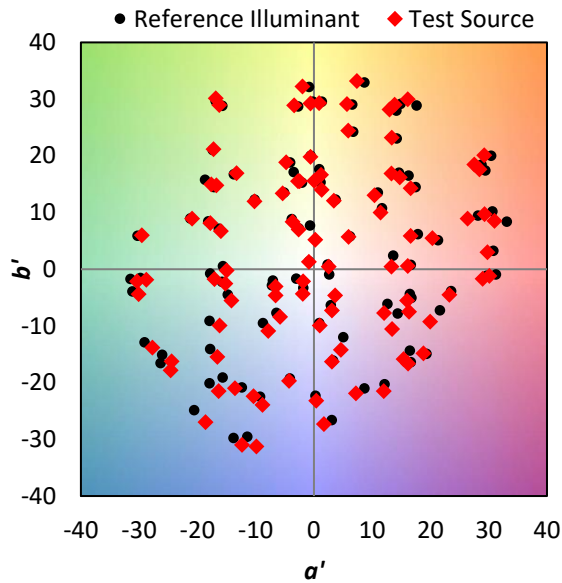
TM-30-18

Summary

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

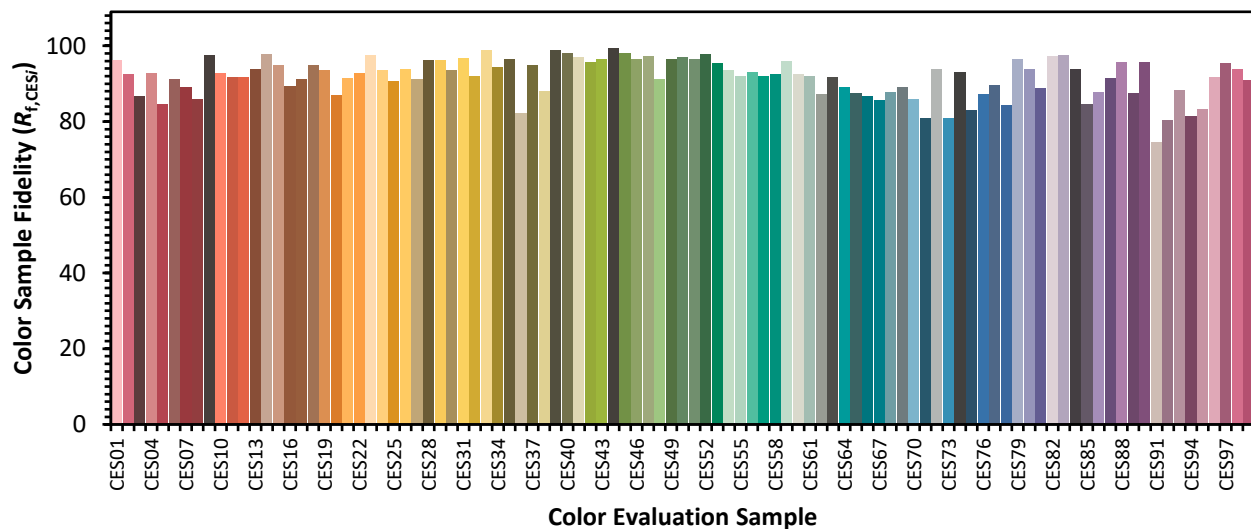


Color Vector Graphics

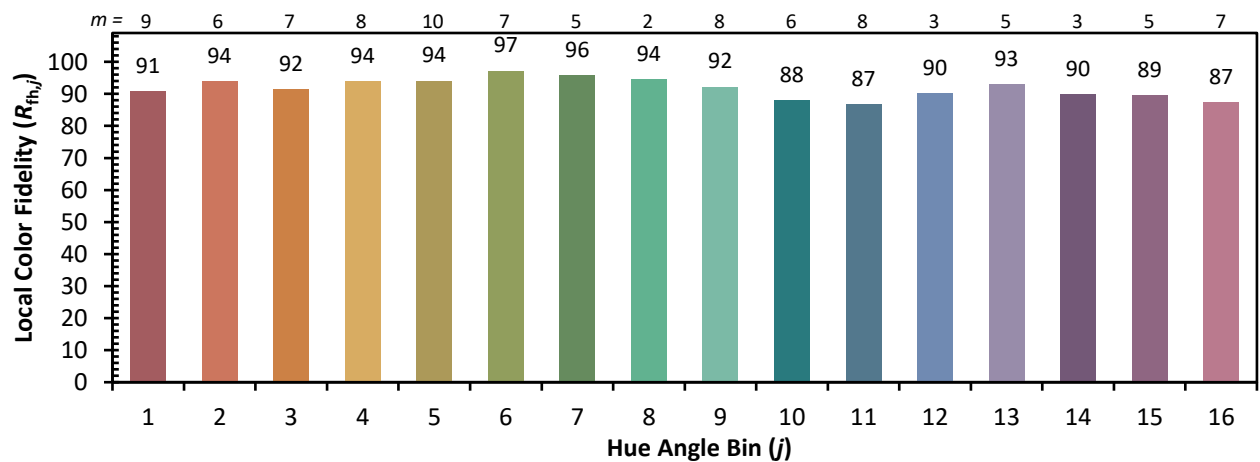
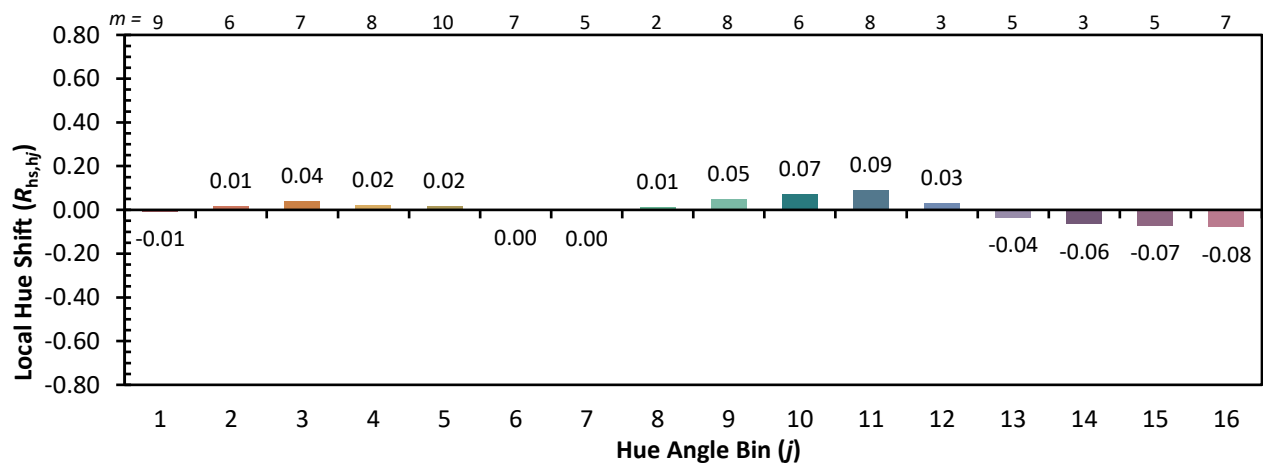
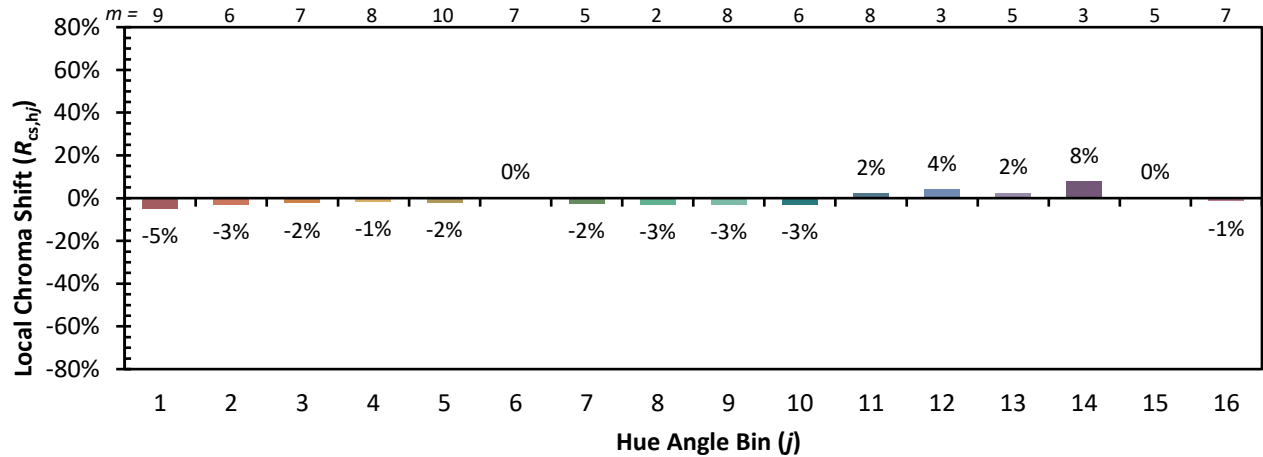


Individual Sample Fidelity Index ($R_{f,i}$)

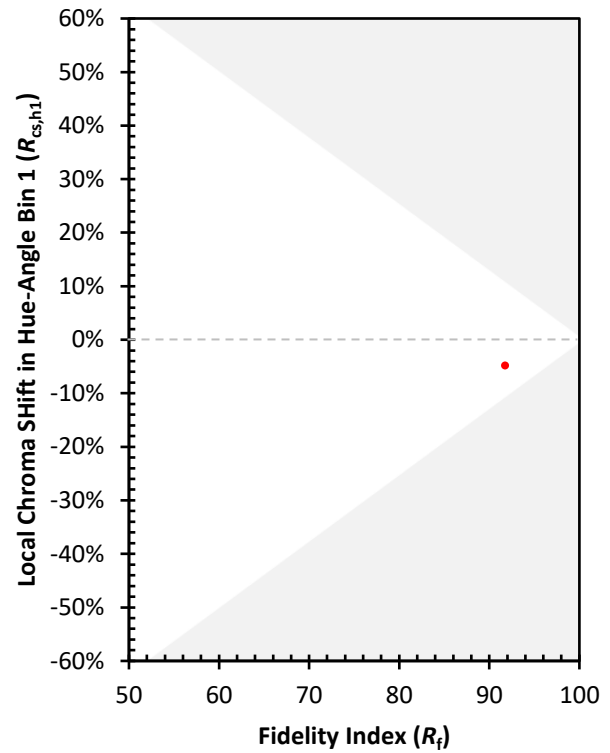
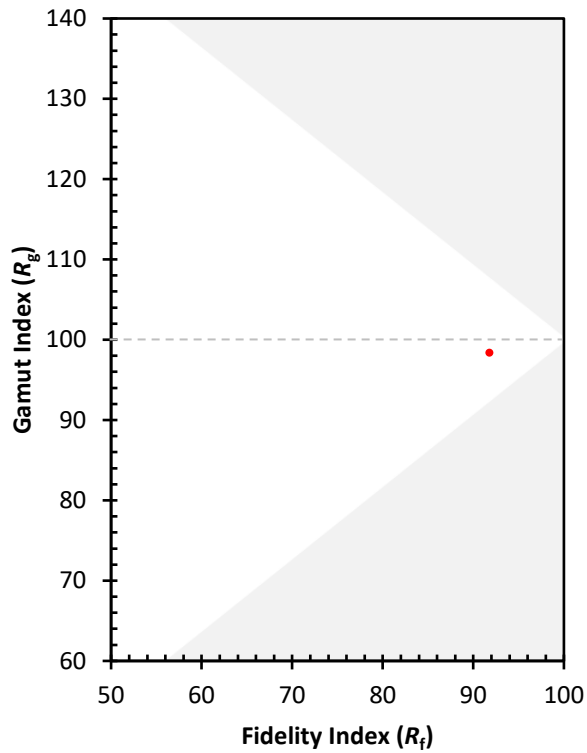
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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)