

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: P1048167

Luminaire Tested: **GALN-SA1C-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048167
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4152.3 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.2
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

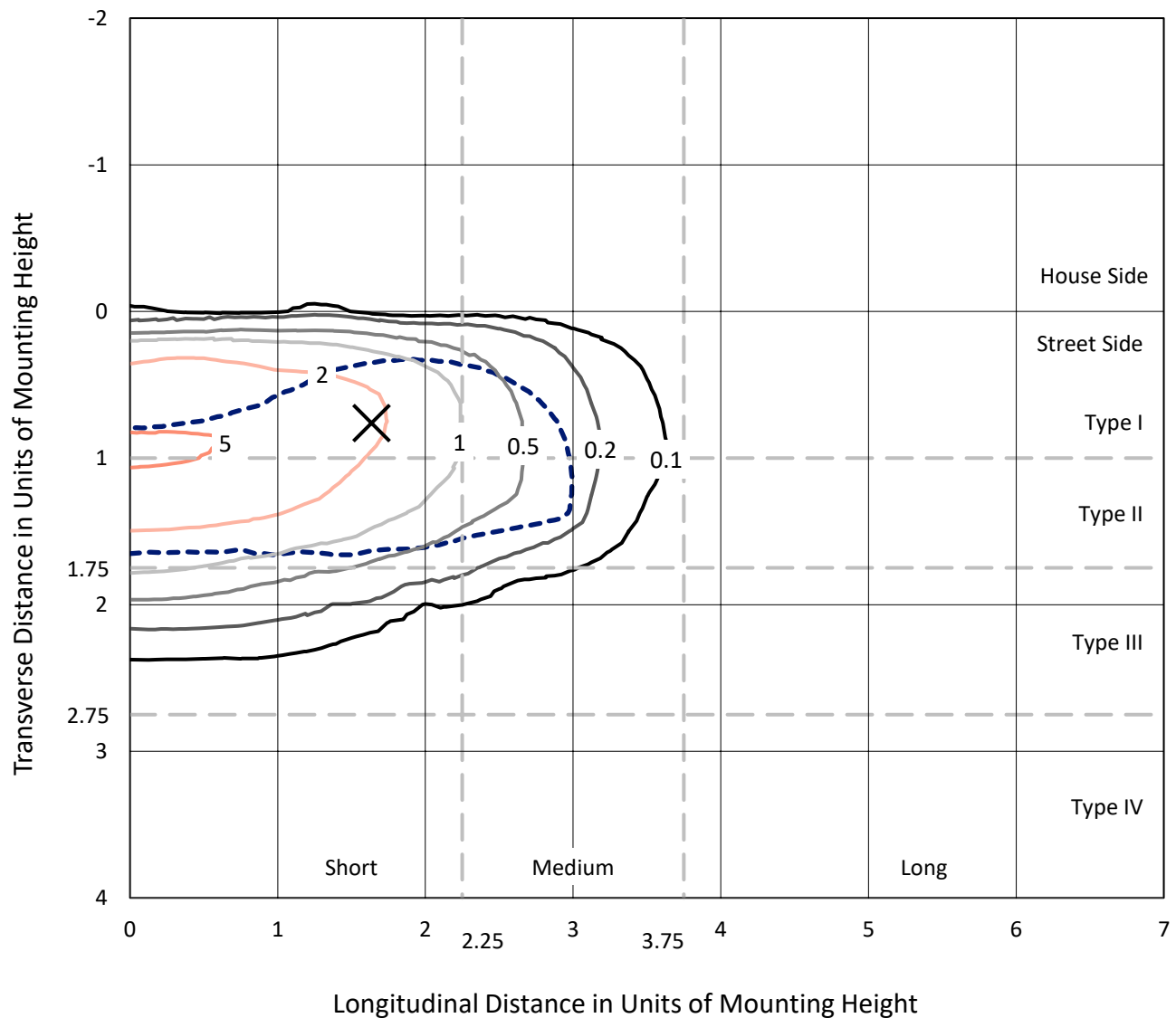


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

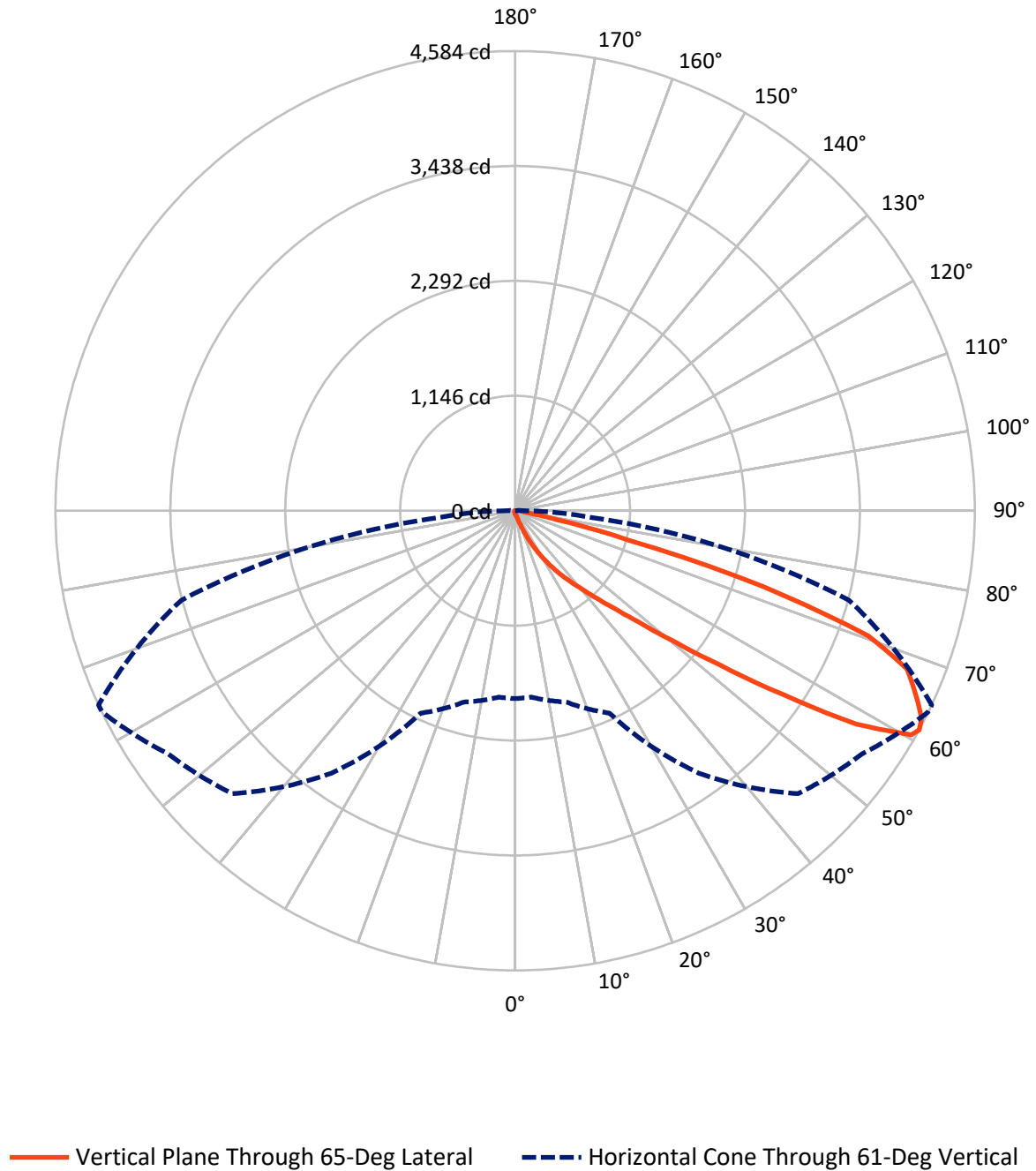


Based on 15 foot mounting height. Maximum calculated value = 5.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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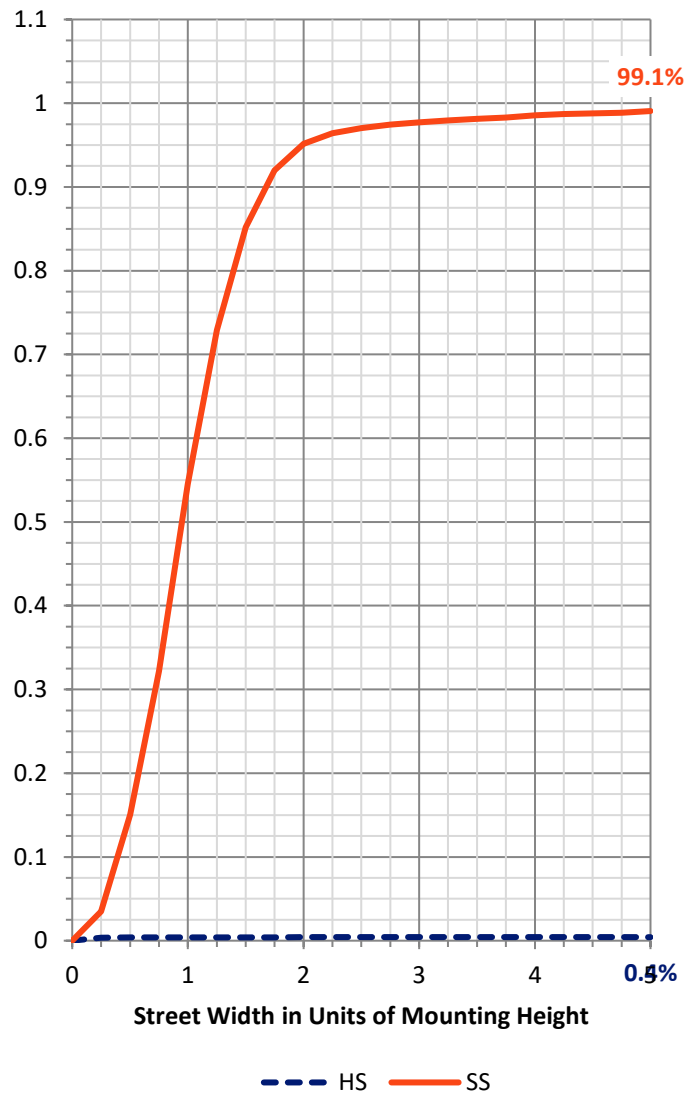
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.7	0.0	17.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4134.5	0.0	4134.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	4152.3	0.0	4152.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	34.1	0.8
20°-30°	122.5	3.0
30°-40°	326.2	7.9
40°-50°	857.0	20.6
50°-60°	1327.7	32.0
60°-70°	1113.3	26.8
70°-80°	327.6	7.9
80°-90°	40.4	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°	4152.3	100.0
0°-180°	4152.3	100.0



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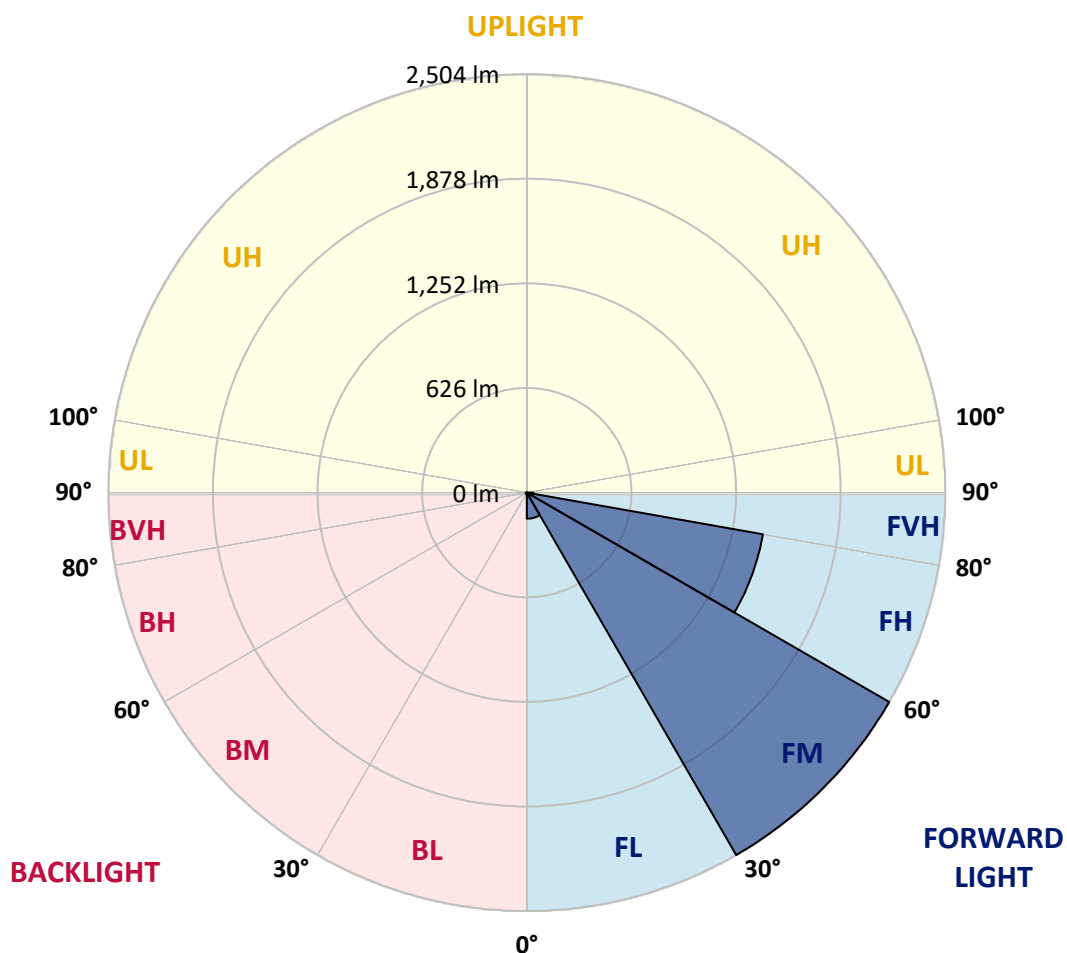
CATALOG NUMBER: GALN-SA1C-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	155.9	3.8			
FM	(30°-60°)	2504.3	60.3			
FH	(60°-80°)	1434.6	34.6			G1/1800
FVH	(80°-90°)	39.7	1.0			G1/100
BL	(0°-30°)	4.0	0.1	B0/110		
BM	(30°-60°)	6.7	0.2	B0/220		
BH	(60°-80°)	6.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G1

Type II Short



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CATALOG NUMBER: GALN-SA1C-940-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
2.5°	30.8	31.1	30.6	29.4	28.6	28.6	28.3	27.4	27.4	26.6	26.0
5°	43.1	42.6	41.4	39.1	37.1	35.1	33.1	31.1	30.8	28.3	26.6
7.5°	70.6	71.1	67.4	60.3	54.3	46.6	39.4	35.1	34.6	30.3	26.8
10°	154.8	150.5	142.0	114.3	94.0	70.8	52.6	40.8	40.3	32.6	27.4
12.5°	282.2	278.8	263.1	234.5	182.2	126.8	76.8	50.6	48.8	34.6	27.7
15°	406.7	401.3	392.7	363.9	302.8	227.4	125.7	69.1	64.6	37.4	27.4
17.5°	486.1	487.0	479.3	467.0	427.6	336.5	217.1	103.1	94.3	42.6	26.8
20°	555.6	553.6	557.8	551.3	523.6	457.3	315.9	163.4	148.2	50.8	27.1
22.5°	635.5	640.4	643.5	642.1	611.5	555.0	428.2	244.5	225.4	66.0	28.0
25°	742.6	742.1	742.4	738.6	708.9	646.1	540.7	345.3	325.9	90.5	30.0
27.5°	854.9	858.3	859.7	846.3	807.5	745.8	645.0	455.6	432.7	130.0	32.6
30°	1008.3	1005.4	998.8	971.4	924.3	847.8	747.8	571.3	547.3	185.1	36.6
32.5°	1215.1	1211.9	1178.8	1118.2	1047.7	954.0	851.2	687.2	658.1	253.9	42.0
35°	1555.8	1560.7	1479.3	1322.5	1195.9	1081.7	965.7	802.6	776.9	338.8	49.4
37.5°	2077.7	2051.1	1940.6	1663.5	1391.0	1241.1	1075.1	919.2	896.9	443.3	59.1
40°	2584.7	2558.4	2526.4	2263.9	1730.1	1416.7	1228.2	1056.0	1027.1	561.3	73.4
42.5°	3117.7	3103.1	3101.7	2903.7	2348.7	1692.9	1412.4	1216.2	1191.7	690.7	96.8
45°	3495.3	3480.7	3511.3	3545.8	3191.3	2284.8	1733.2	1424.4	1388.7	847.8	134.2
47.5°	3546.1	3546.7	3628.4	3736.6	3817.5	3200.2	2160.5	1700.4	1656.9	1072.5	197.1
50°	3377.0	3383.6	3513.5	3707.2	3924.8	3968.3	2914.0	2100.8	2036.5	1339.0	286.2
52.5°	3055.1	3062.5	3243.6	3562.1	3826.0	4152.8	3801.2	2624.7	2550.7	1671.5	411.9
55°	2765.2	2769.8	2977.4	3379.9	3706.9	4052.5	4327.9	3324.2	3227.1	2080.5	535.8
57.5°	2478.1	2467.6	2602.7	3063.4	3686.6	3929.4	4405.6	4121.4	4014.2	2527.5	632.4
60°	2094.2	2076.5	2185.1	2478.1	3419.9	4010.3	4260.2	4562.4	4538.1	3149.9	706.9
61°	1873.4	1866.0	1975.1	2226.5	3195.3	3989.7	4225.3	4580.9	4583.5	3444.4	740.4
62.5°	1337.9	1359.0	1525.8	1852.6	2676.4	3856.3	4229.9	4523.5	4548.9	3835.7	826.9
65°	594.7	628.7	758.3	1024.3	1556.4	3207.9	4189.3	4397.6	4385.0	3943.1	1125.1
67.5°	352.8	357.9	422.4	580.4	824.3	1725.5	3696.9	4231.0	4214.2	3432.7	1399.9
70°	277.9	280.5	301.1	364.2	478.4	660.9	2110.0	3660.6	3734.0	2783.5	1370.5
72.5°	263.6	263.1	265.9	277.1	301.3	327.9	816.9	2433.3	2582.7	2004.6	1149.1
75°	260.2	259.1	256.2	251.9	218.2	193.1	253.1	1076.3	1162.8	1369.6	865.2
77.5°	252.5	252.8	253.4	241.6	187.1	136.5	122.5	345.3	424.7	869.2	615.0
80°	170.8	173.4	177.7	173.1	168.2	98.8	86.5	122.8	124.5	487.9	406.2
82.5°	86.5	86.5	84.5	75.4	65.1	64.3	68.8	89.1	90.3	246.8	191.1
85°	52.3	55.1	56.3	51.1	46.8	43.1	52.6	70.8	73.4	95.7	44.6
87.5°	11.7	12.0	13.1	17.4	25.4	34.6	48.8	64.8	66.0	61.4	5.4
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-SA1C-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
2.5°	25.7	25.1	24.8	24.0	23.1	22.3	21.7	21.4	21.7	22.0	22.0
5°	25.4	24.6	23.1	21.7	20.6	19.4	18.3	18.0	18.0	18.3	18.3
7.5°	25.4	24.0	22.0	20.3	18.6	16.9	16.0	15.4	15.7	15.7	15.7
10°	25.4	23.7	21.1	18.6	16.6	14.6	13.1	12.6	12.6	12.6	12.6
12.5°	25.1	23.4	20.3	17.1	14.3	12.0	10.3	9.4	9.7	9.7	9.7
15°	24.6	22.6	19.1	14.6	11.4	9.1	7.4	6.6	6.9	7.4	7.7
17.5°	23.7	21.7	17.1	12.3	9.1	6.9	5.1	4.6	4.9	5.7	5.7
20°	23.4	20.9	15.1	10.0	6.9	4.9	3.4	2.9	3.1	4.3	4.6
22.5°	23.4	20.3	13.7	8.3	5.1	3.1	2.0	1.1	1.1	2.0	2.0
25°	23.7	20.0	12.6	6.9	3.7	2.3	1.1	0.6	1.1	3.1	3.7
27.5°	24.3	19.7	12.0	5.7	2.9	2.0	0.9	2.0	3.4	3.4	3.4
30°	24.8	19.1	11.1	4.9	2.6	1.4	1.4	2.9	2.9	3.4	3.7
32.5°	25.7	18.9	10.6	4.3	2.0	1.1	2.0	1.7	1.7	2.0	2.3
35°	27.4	19.1	10.0	4.3	2.0	1.4	1.7	0.9	0.6	0.6	0.6
37.5°	29.7	19.4	9.1	3.7	1.7	1.7	0.9	0.0	0.0	0.0	0.0
40°	33.4	20.3	8.6	3.4	1.4	1.4	0.3	0.0	0.0	0.0	0.0
42.5°	39.7	22.0	8.3	3.1	1.4	1.1	0.0	0.0	0.0	0.0	0.0
45°	52.3	26.0	7.7	2.9	1.4	0.6	0.0	0.0	0.0	0.0	0.0
47.5°	75.1	35.4	7.4	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	109.7	48.0	7.1	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	140.0	50.6	4.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	143.4	34.8	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	114.3	22.6	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.5	17.1	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	83.1	15.4	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	91.7	13.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	149.1	11.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	259.1	9.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	327.3	9.1	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	285.3	8.3	1.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	171.7	7.1	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	90.0	5.4	1.7	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0
80°	43.7	4.9	2.0	1.4	1.1	0.6	0.0	0.0	0.0	0.0	0.0
82.5°	17.1	4.0	2.3	2.0	1.4	0.9	0.3	0.0	0.0	0.0	0.0
85°	7.7	3.4	2.6	2.3	2.0	1.1	0.3	0.0	0.0	0.0	0.0
87.5°	4.0	3.1	2.9	2.6	2.0	1.4	0.6	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: SP1-2407-184-16

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

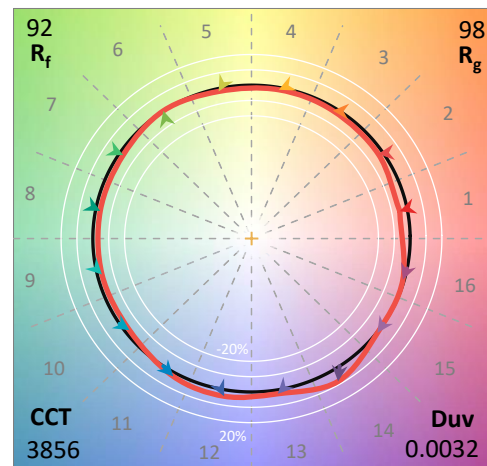
Test Information

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

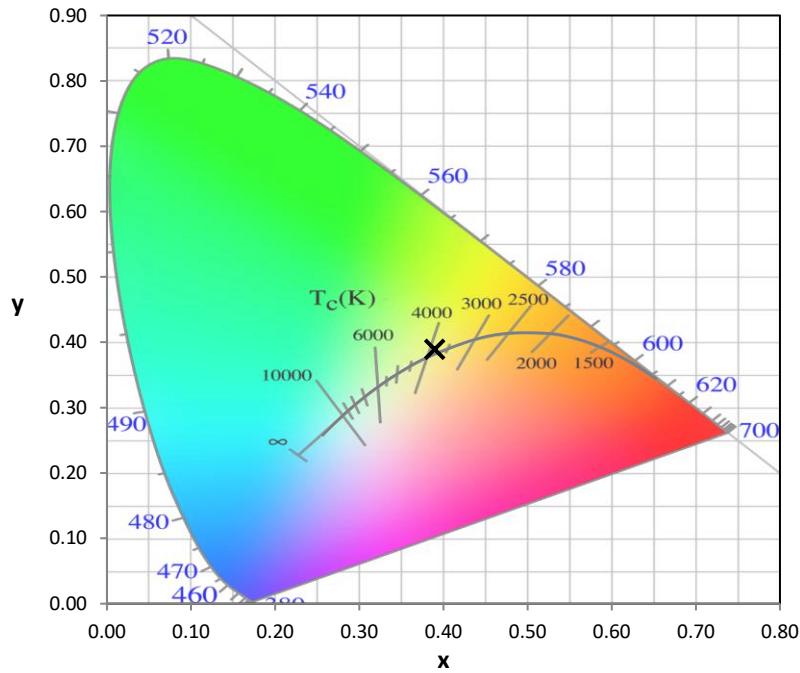
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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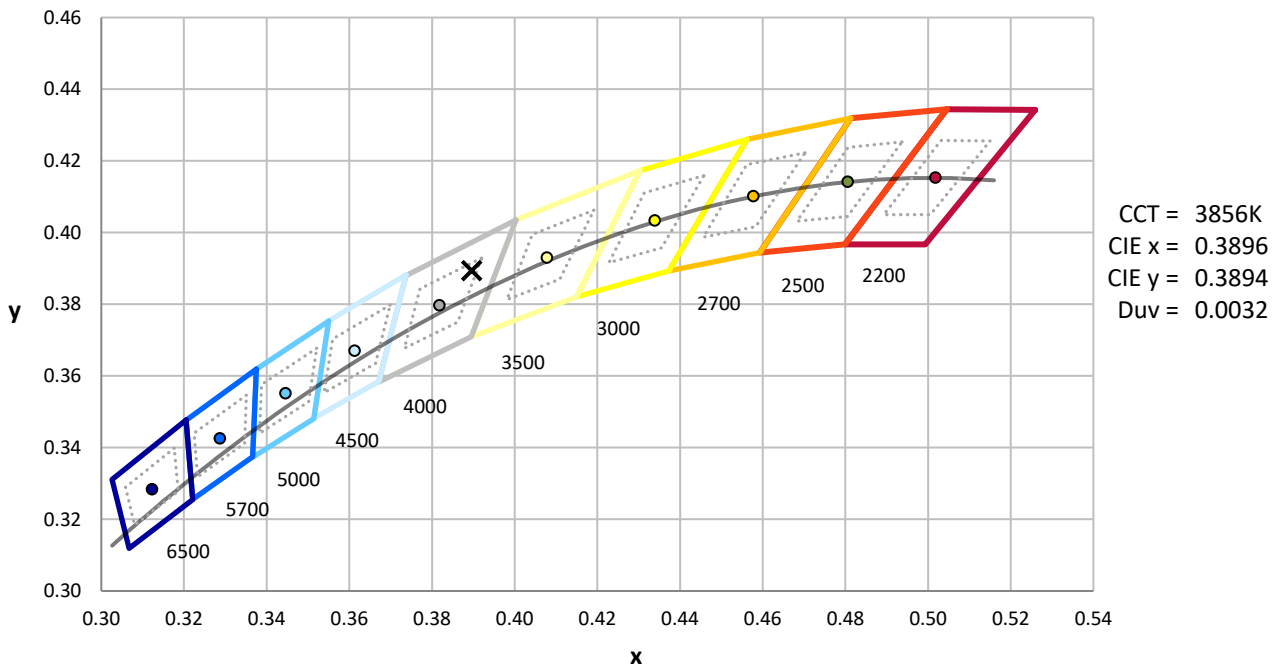
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



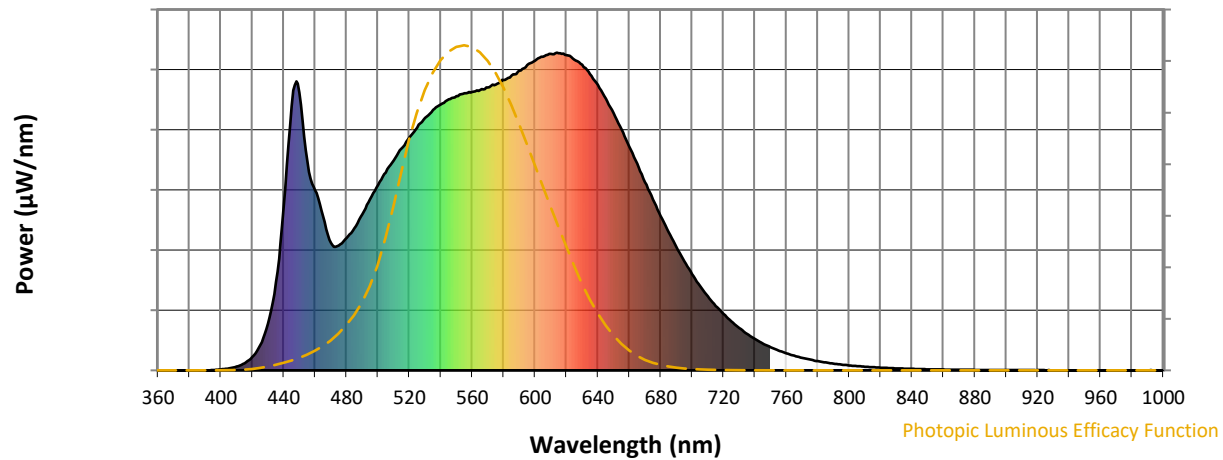
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

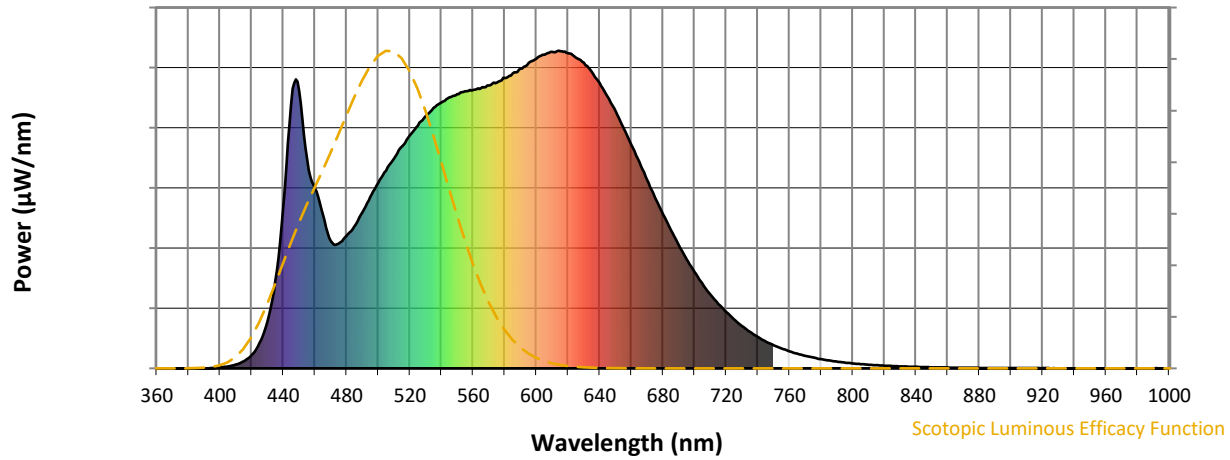


Photopic Lumens: NR

λ (nm)	Power 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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Scotopic Flux vs. Wavelength



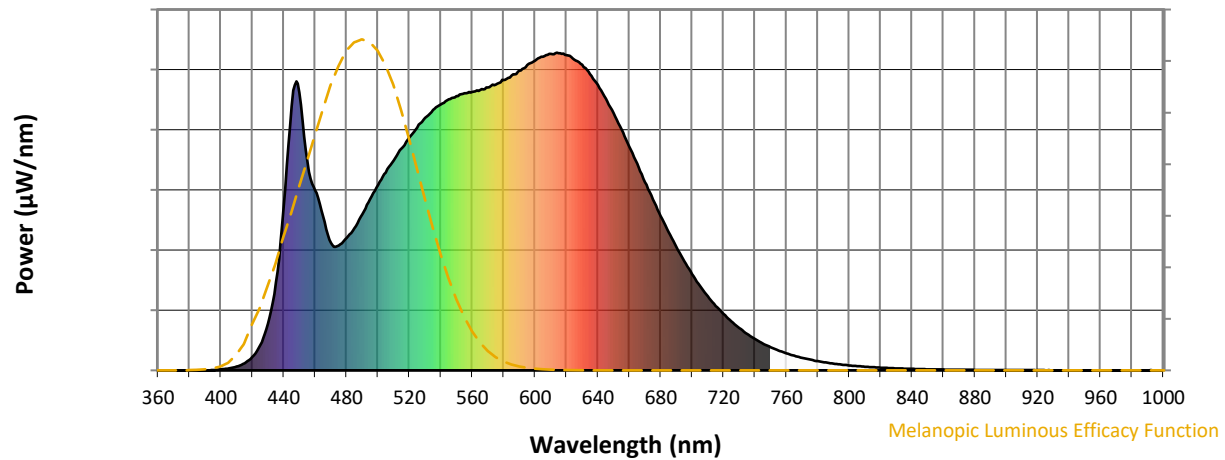
Scotopic Lumens: NR

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

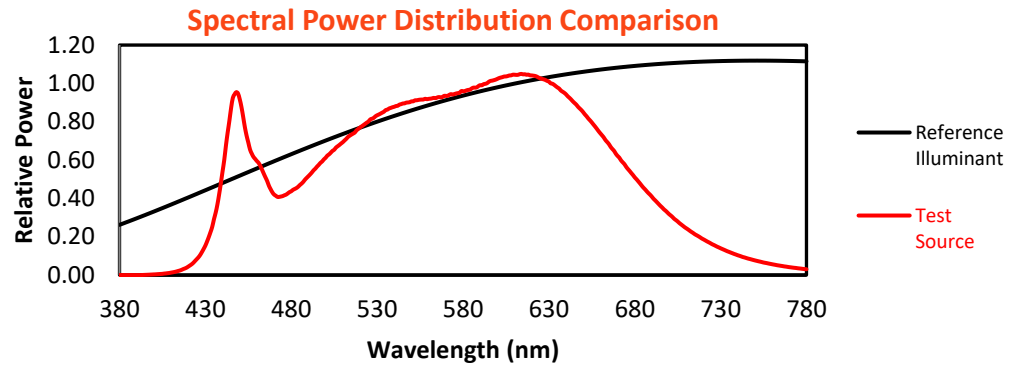
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993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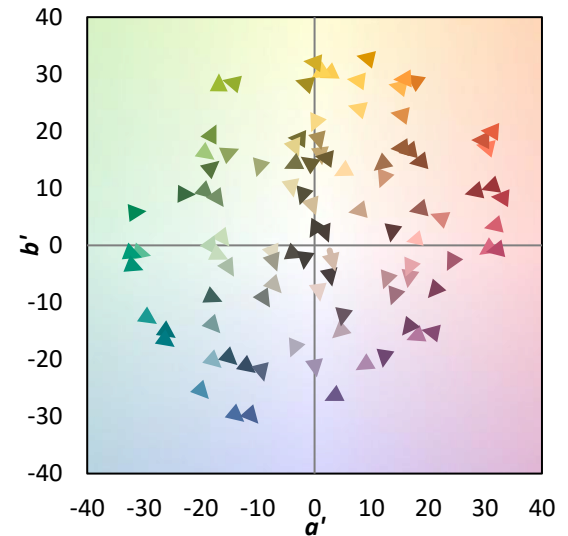
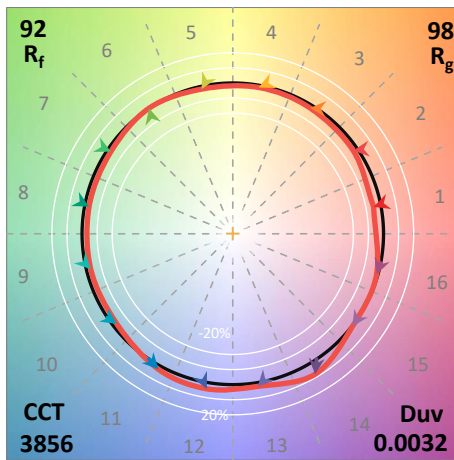
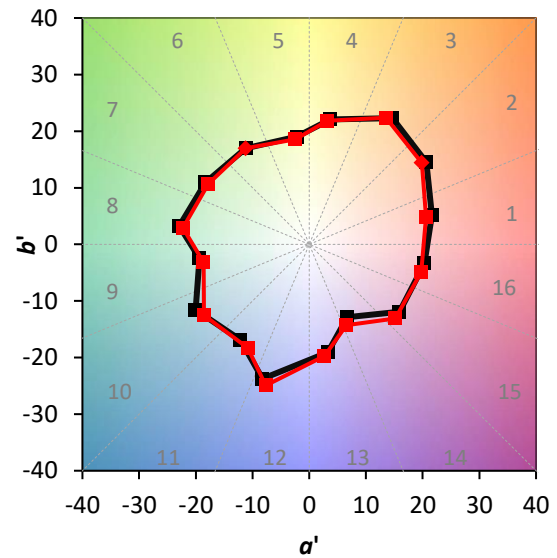
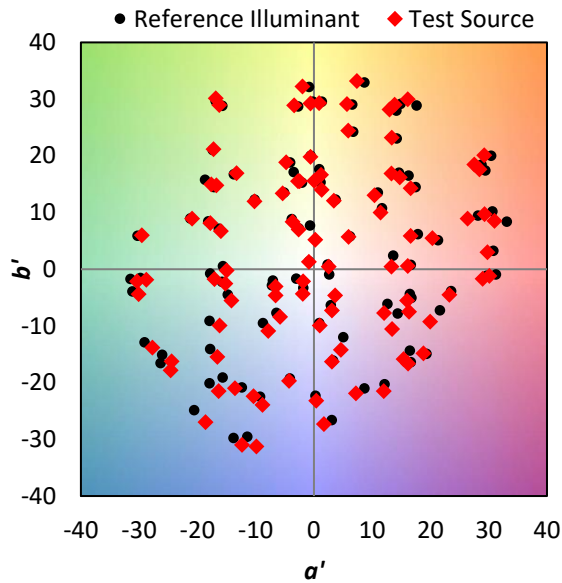
TM-30-18

Summary

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

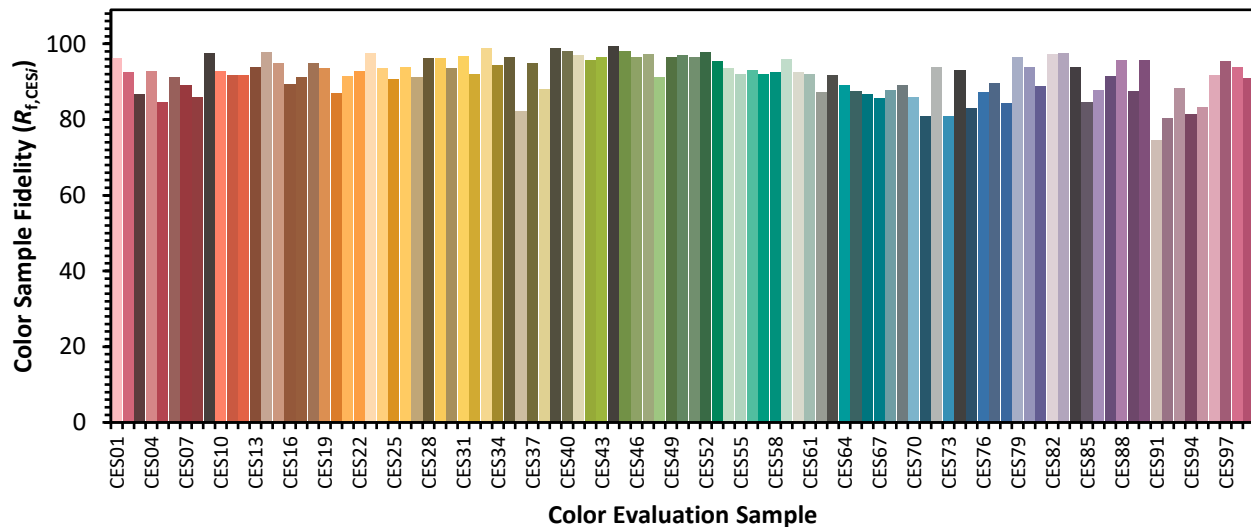


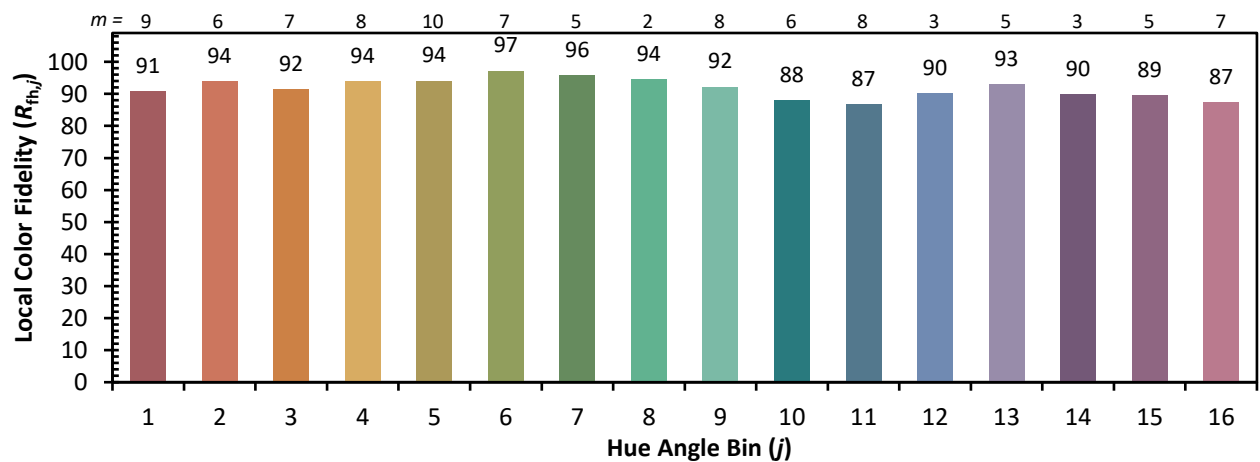
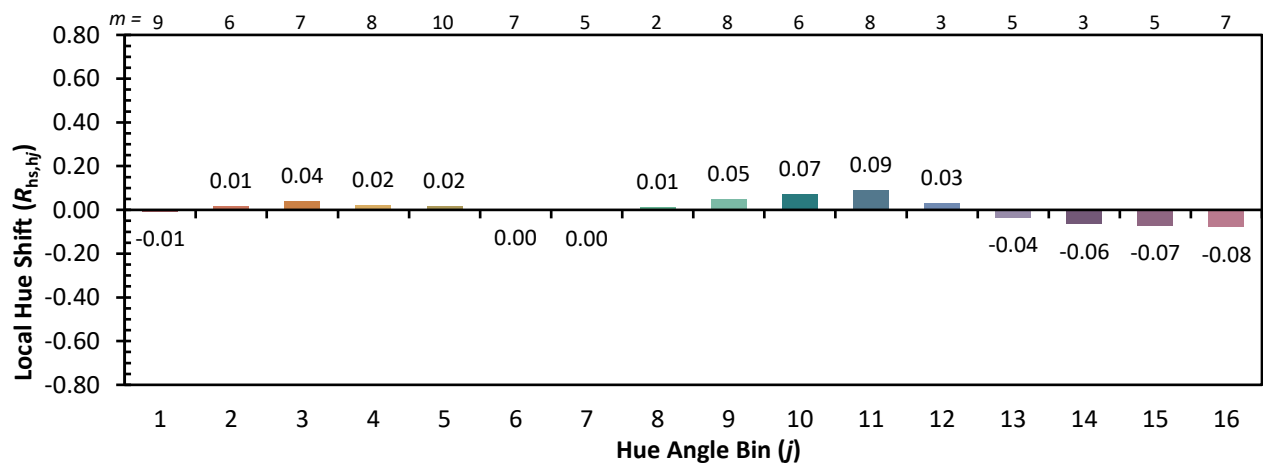
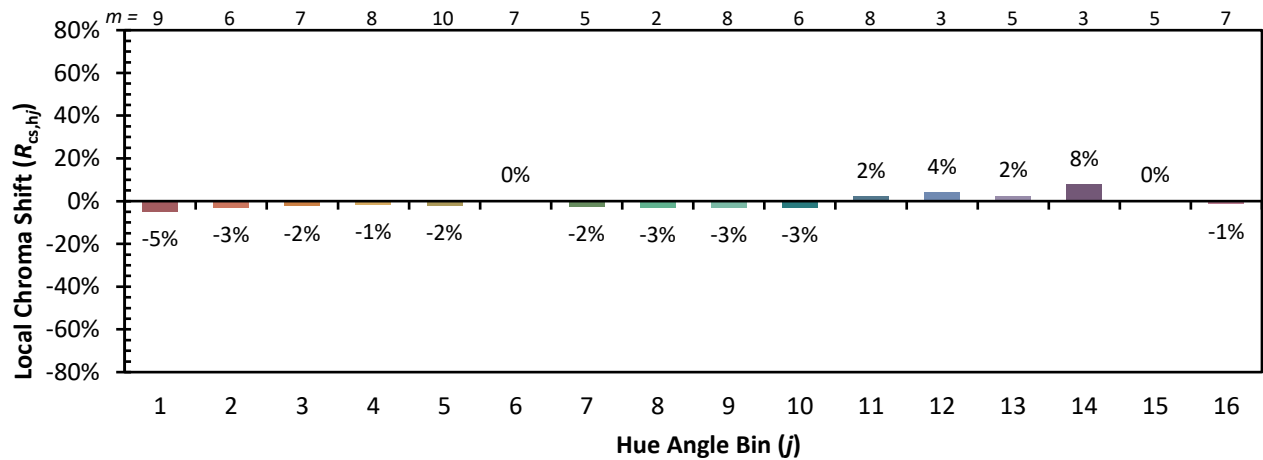
Color Vector Graphics



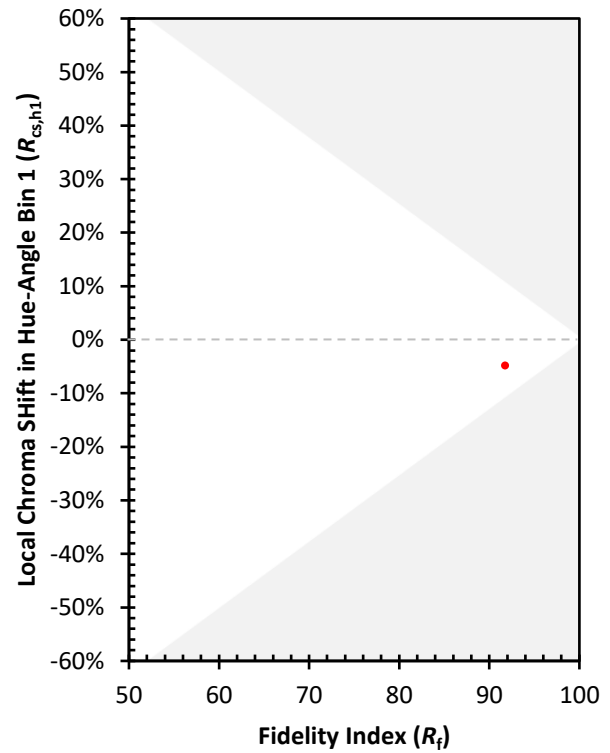
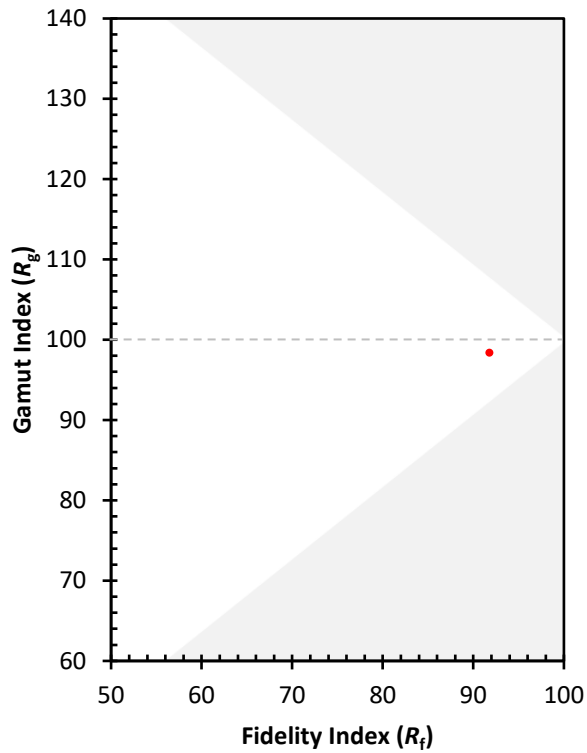
Individual Sample Fidelity Index ($R_{f,i}$)

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)