

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: P1048165

Luminaire Tested: **GALN-SA1A-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048165
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 2661.9 lumens
Efficiency: N/A
Efficacy: 91.8 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): 29
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

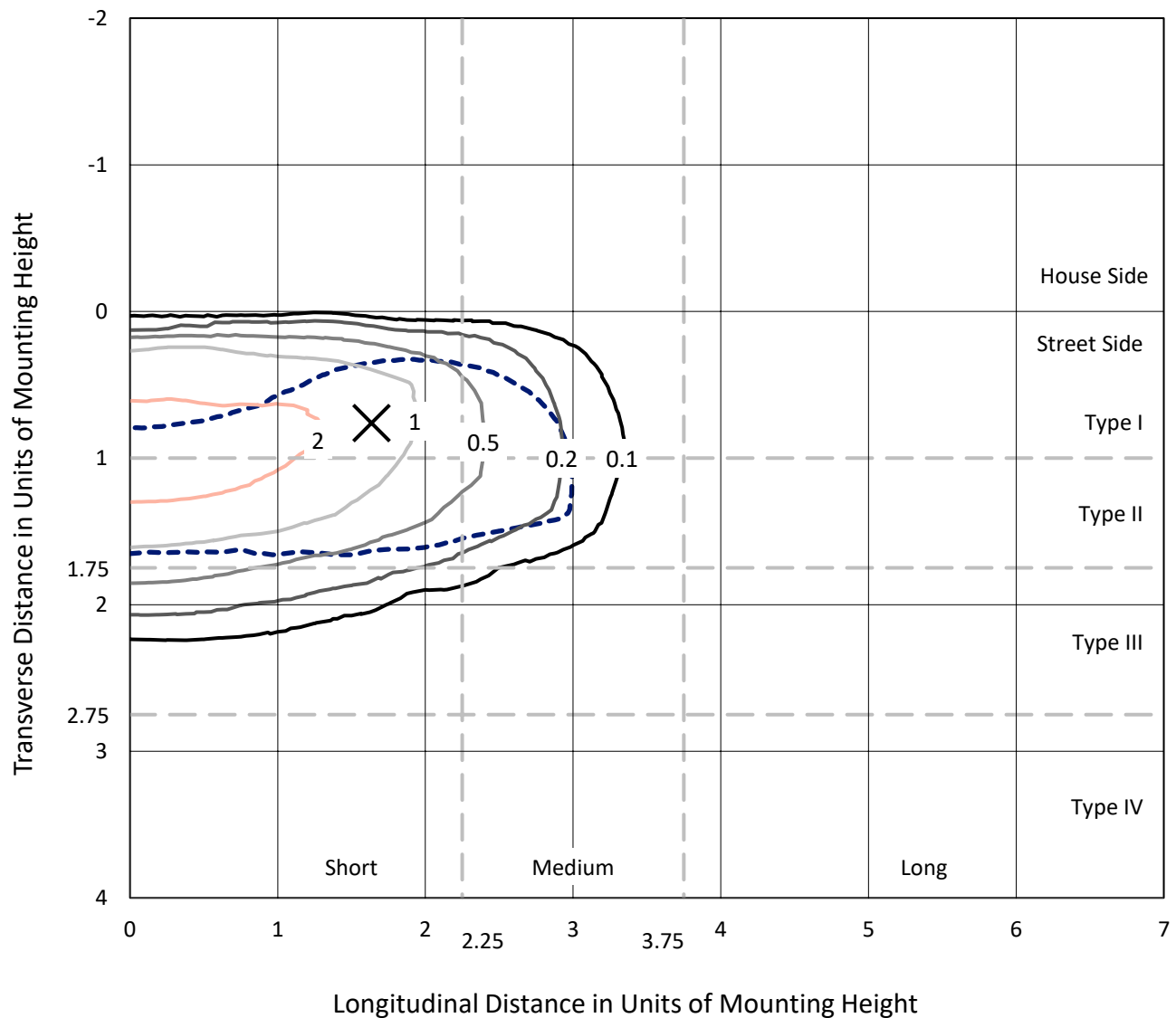


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CATALOG NUMBER: GALN-SA1A-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

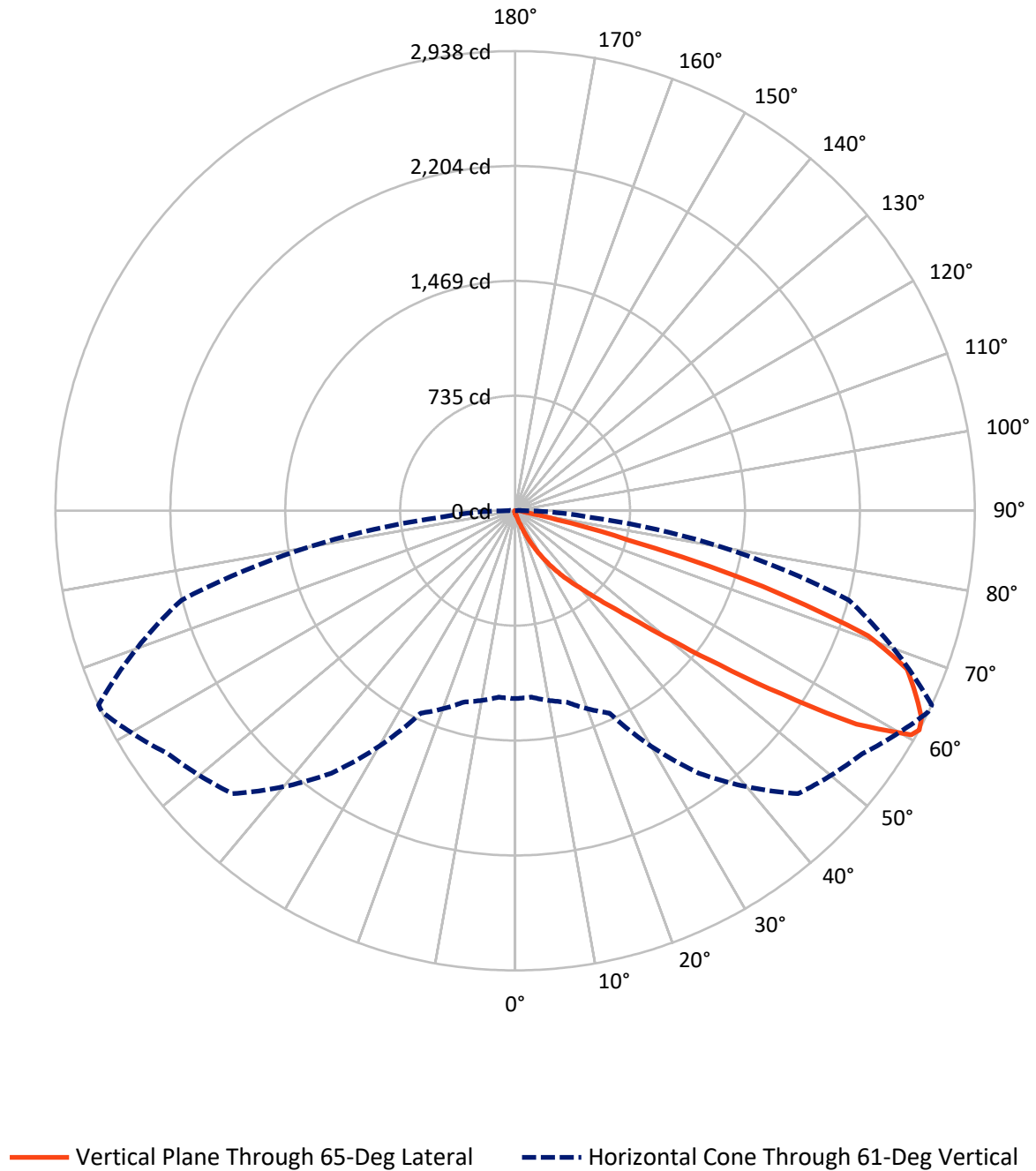


Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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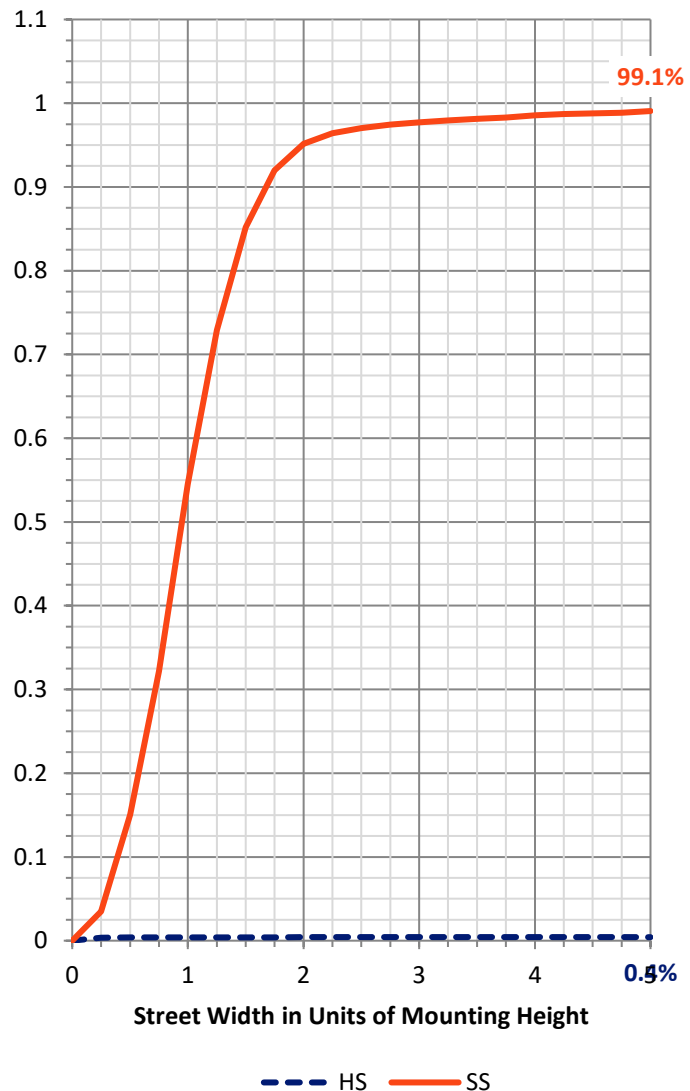
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.4	0.0	11.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2650.5	0.0	2650.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	2661.9	0.0	2661.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	21.9	0.8
20°-30°	78.6	3.0
30°-40°	209.1	7.9
40°-50°	549.4	20.6
50°-60°	851.2	32.0
60°-70°	713.7	26.8
70°-80°	210.0	7.9
80°-90°	25.9	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°	2661.9	100.0
0°-180°	2661.9	100.0



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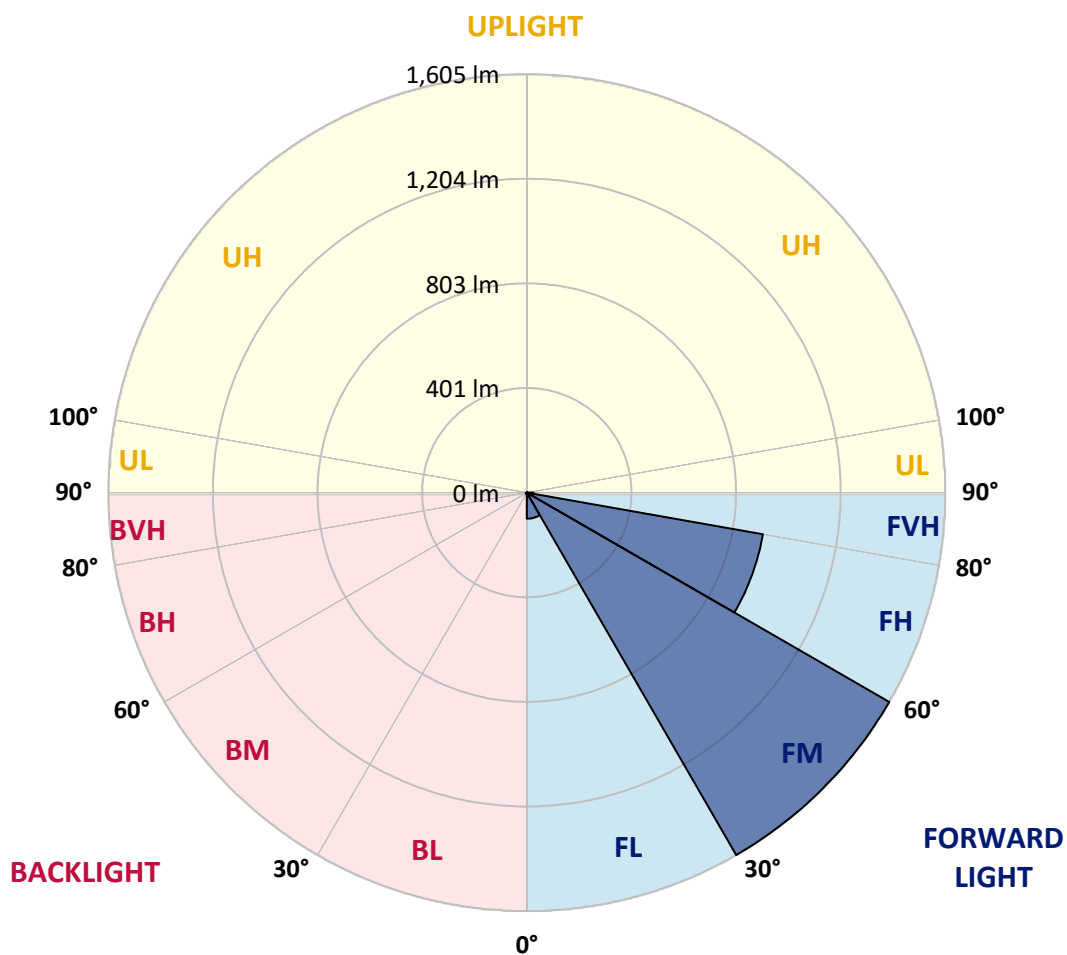
CATALOG NUMBER: GALN-SA1A-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	100.0	3.8			
FM	(30°-60°)	1605.4	60.3			
FH	(60°-80°)	919.7	34.6			G1/1800
FVH	(80°-90°)	25.4	1.0			G1/100
BL	(0°-30°)	2.5	0.1	B0/110		
BM	(30°-60°)	4.3	0.2	B0/220		
BH	(60°-80°)	4.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-SA1A-940-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
2.5°	19.8	20.0	19.6	18.9	18.3	18.3	18.1	17.6	17.6	17.0	16.7
5°	27.6	27.3	26.6	25.1	23.8	22.5	21.2	20.0	19.8	18.1	17.0
7.5°	45.2	45.6	43.2	38.6	34.8	29.8	25.3	22.5	22.2	19.4	17.2
10°	99.2	96.5	91.0	73.2	60.2	45.4	33.7	26.2	25.8	20.9	17.6
12.5°	180.9	178.7	168.6	150.3	116.8	81.3	49.3	32.4	31.3	22.2	17.8
15°	260.7	257.3	251.8	233.3	194.1	145.8	80.6	44.3	41.4	24.0	17.6
17.5°	311.7	312.2	307.3	299.4	274.1	215.7	139.2	66.1	60.4	27.3	17.2
20°	356.1	354.9	357.6	353.4	335.6	293.2	202.5	104.7	95.0	32.6	17.4
22.5°	407.4	410.5	412.5	411.6	392.0	355.8	274.5	156.7	144.5	42.3	17.9
25°	476.1	475.7	475.9	473.5	454.5	414.2	346.6	221.4	208.9	58.0	19.2
27.5°	548.0	550.2	551.2	542.6	517.7	478.1	413.5	292.1	277.4	83.3	20.9
30°	646.4	644.5	640.3	622.8	592.5	543.5	479.4	366.2	350.8	118.7	23.4
32.5°	778.9	776.9	755.7	716.9	671.6	611.6	545.7	440.6	421.9	162.8	26.9
35°	997.4	1000.5	948.3	847.8	766.7	693.4	619.1	514.5	498.1	217.2	31.7
37.5°	1331.9	1314.9	1244.0	1066.4	891.7	795.6	689.2	589.2	575.0	284.2	37.9
40°	1657.0	1640.1	1619.6	1451.3	1109.1	908.2	787.4	677.0	658.5	359.8	47.1
42.5°	1998.6	1989.3	1988.4	1861.5	1505.7	1085.3	905.5	779.7	763.9	442.8	62.1
45°	2240.7	2231.4	2251.0	2273.1	2045.9	1464.7	1111.1	913.2	890.3	543.5	86.1
47.5°	2273.3	2273.7	2326.0	2395.4	2447.3	2051.6	1385.0	1090.1	1062.2	687.6	126.3
50°	2164.9	2169.1	2252.4	2376.6	2516.1	2543.9	1868.1	1346.8	1305.6	858.4	183.5
52.5°	1958.5	1963.3	2079.4	2283.6	2452.8	2662.2	2436.8	1682.6	1635.2	1071.6	264.0
55°	1772.7	1775.6	1908.7	2166.7	2376.4	2598.0	2774.5	2131.0	2068.8	1333.8	343.5
57.5°	1588.7	1581.9	1668.5	1963.9	2363.4	2519.0	2824.3	2642.1	2573.4	1620.3	405.4
60°	1342.6	1331.2	1400.8	1588.7	2192.4	2570.9	2731.1	2924.8	2909.3	2019.3	453.2
61°	1201.0	1196.3	1266.2	1427.3	2048.5	2557.7	2708.7	2936.7	2938.4	2208.1	474.6
62.5°	857.7	871.2	978.2	1187.7	1715.7	2472.2	2711.7	2899.9	2916.2	2459.0	530.1
65°	381.2	403.0	486.2	656.6	997.8	2056.5	2685.7	2819.2	2811.1	2527.8	721.3
67.5°	226.1	229.4	270.8	372.1	528.5	1106.2	2370.0	2712.4	2701.6	2200.6	897.4
70°	178.2	179.8	193.0	233.5	306.7	423.7	1352.6	2346.7	2393.8	1784.4	878.6
72.5°	169.0	168.6	170.5	177.6	193.2	210.2	523.7	1559.9	1655.7	1285.1	736.7
75°	166.8	166.1	164.2	161.5	139.9	123.8	162.2	690.0	745.4	878.0	554.6
77.5°	161.9	162.1	162.4	154.9	119.9	87.5	78.6	221.4	272.3	557.2	394.2
80°	109.5	111.1	113.9	111.0	107.9	63.4	55.5	78.7	79.8	312.8	260.4
82.5°	55.5	55.5	54.2	48.3	41.7	41.2	44.1	57.1	57.9	158.2	122.5
85°	33.5	35.3	36.1	32.8	30.0	27.6	33.7	45.4	47.1	61.3	28.6
87.5°	7.5	7.7	8.4	11.2	16.3	22.2	31.3	41.6	42.3	39.4	3.5
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: P1048165

CATALOG NUMBER: GALN-SA1A-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
2.5°	16.5	16.1	15.9	15.4	14.8	14.3	13.9	13.7	13.9	14.1	14.1
5°	16.3	15.7	14.8	13.9	13.2	12.5	11.7	11.5	11.5	11.7	11.7
7.5°	16.3	15.4	14.1	13.0	11.9	10.8	10.3	9.9	10.1	10.1	10.1
10°	16.3	15.2	13.6	11.9	10.6	9.3	8.4	8.1	8.1	8.1	8.1
12.5°	16.1	15.0	13.0	11.0	9.2	7.7	6.6	6.0	6.2	6.2	6.2
15°	15.7	14.5	12.3	9.3	7.3	5.9	4.8	4.2	4.4	4.8	4.9
17.5°	15.2	13.9	11.0	7.9	5.9	4.4	3.3	2.9	3.1	3.7	3.7
20°	15.0	13.4	9.7	6.4	4.4	3.1	2.2	1.8	2.0	2.7	2.9
22.5°	15.0	13.0	8.8	5.3	3.3	2.0	1.3	0.7	0.7	1.3	1.3
25°	15.2	12.8	8.1	4.4	2.4	1.5	0.7	0.4	0.7	2.0	2.4
27.5°	15.6	12.6	7.7	3.7	1.8	1.3	0.5	1.3	2.2	2.2	2.2
30°	15.9	12.3	7.1	3.1	1.6	0.9	0.9	1.8	1.8	2.2	2.4
32.5°	16.5	12.1	6.8	2.7	1.3	0.7	1.3	1.1	1.1	1.3	1.5
35°	17.6	12.3	6.4	2.7	1.3	0.9	1.1	0.5	0.4	0.4	0.4
37.5°	19.0	12.5	5.9	2.4	1.1	1.1	0.5	0.0	0.0	0.0	0.0
40°	21.4	13.0	5.5	2.2	0.9	0.9	0.2	0.0	0.0	0.0	0.0
42.5°	25.5	14.1	5.3	2.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0
45°	33.5	16.7	4.9	1.8	0.9	0.4	0.0	0.0	0.0	0.0	0.0
47.5°	48.2	22.7	4.8	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	70.3	30.8	4.6	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	89.7	32.4	3.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	91.9	22.3	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	73.2	14.5	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	55.5	11.0	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	53.3	9.9	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	58.8	8.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	95.6	7.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	166.1	6.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	209.8	5.9	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	182.9	5.3	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	110.0	4.6	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	57.7	3.5	1.1	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0
80°	28.0	3.1	1.3	0.9	0.7	0.4	0.0	0.0	0.0	0.0	0.0
82.5°	11.0	2.6	1.5	1.3	0.9	0.5	0.2	0.0	0.0	0.0	0.0
85°	4.9	2.2	1.6	1.5	1.3	0.7	0.2	0.0	0.0	0.0	0.0
87.5°	2.6	2.0	1.8	1.6	1.3	0.9	0.4	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

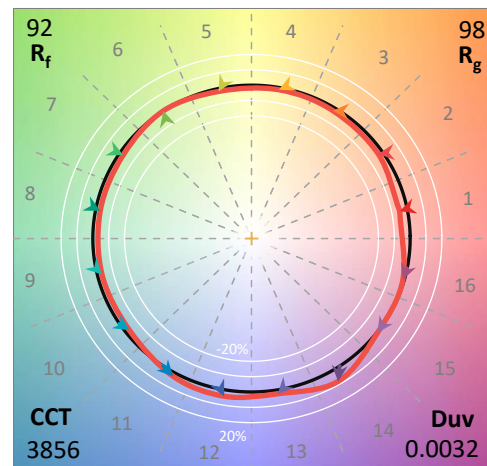
Test Information

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

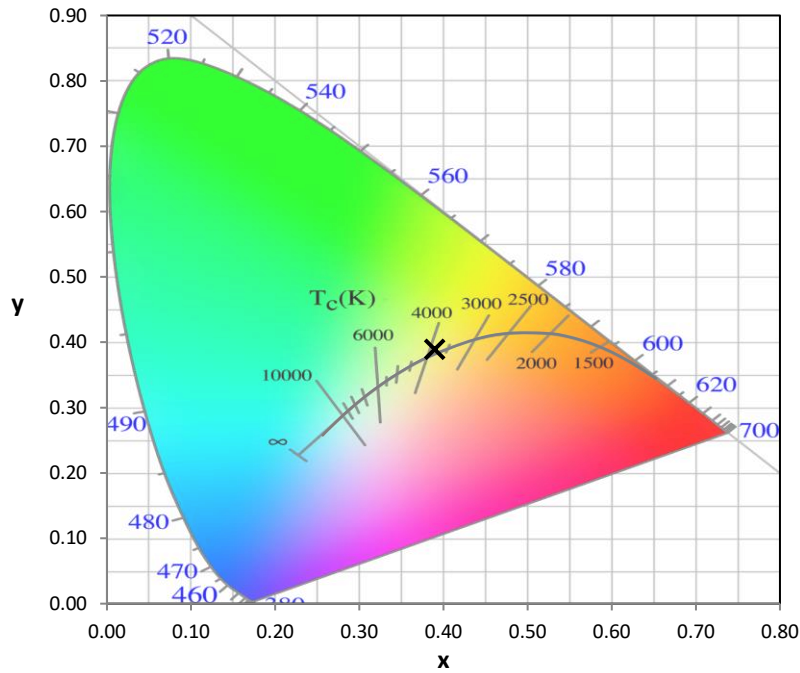
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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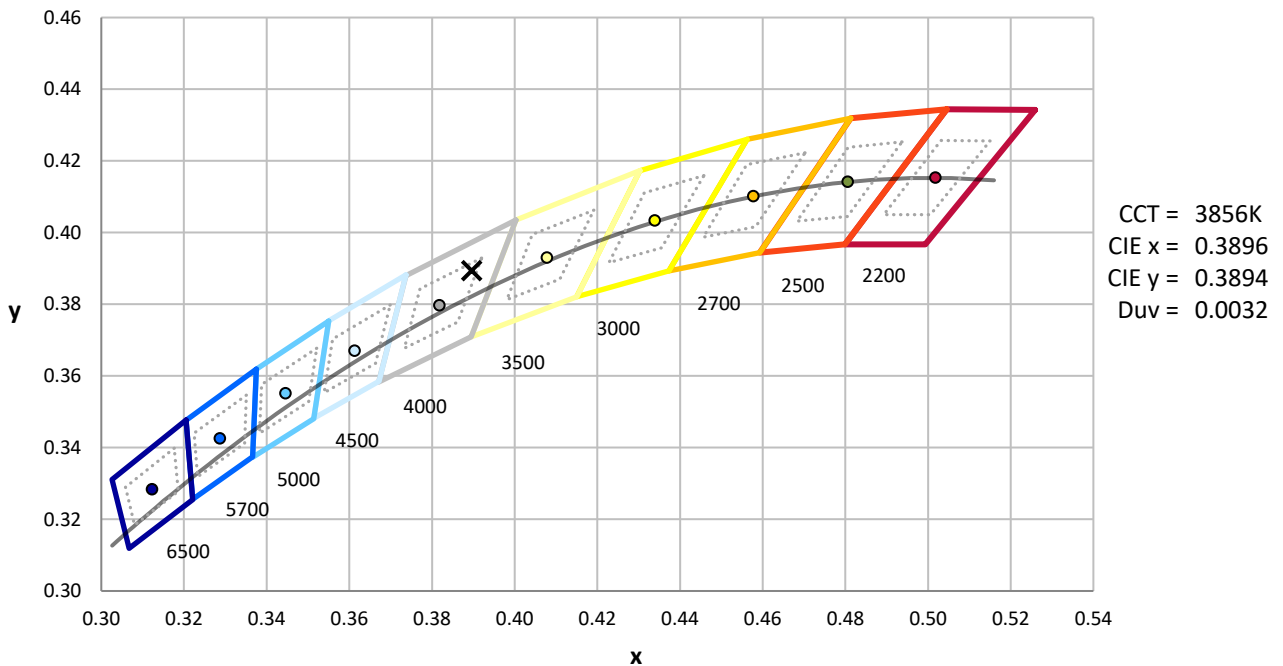
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



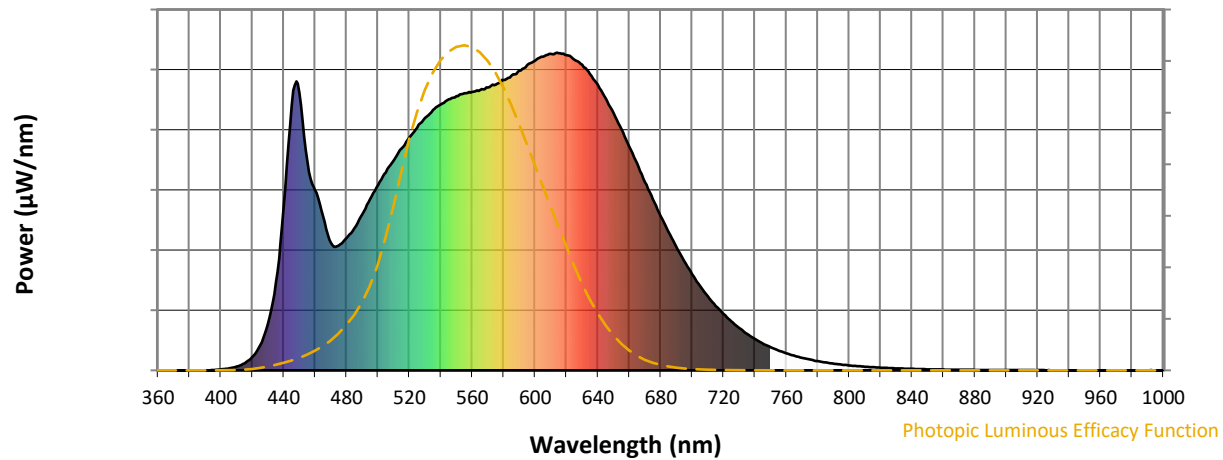
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

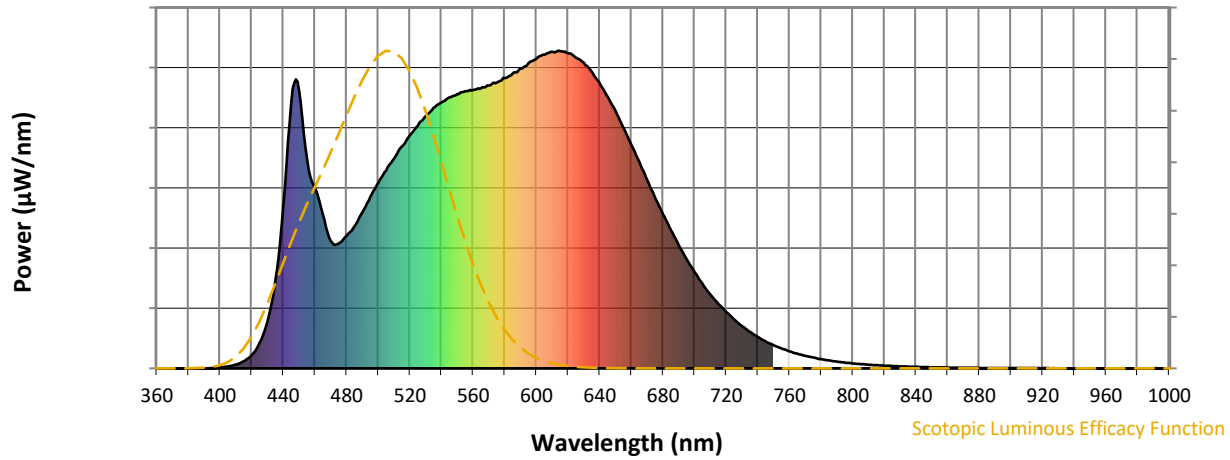


Photopic Lumens: NR

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



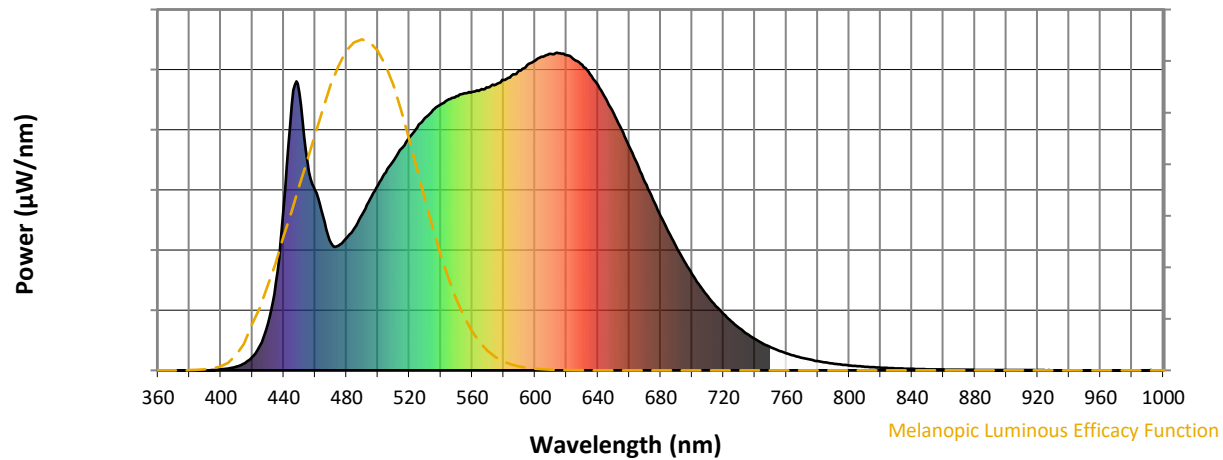
Scotopic Lumens: NR

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

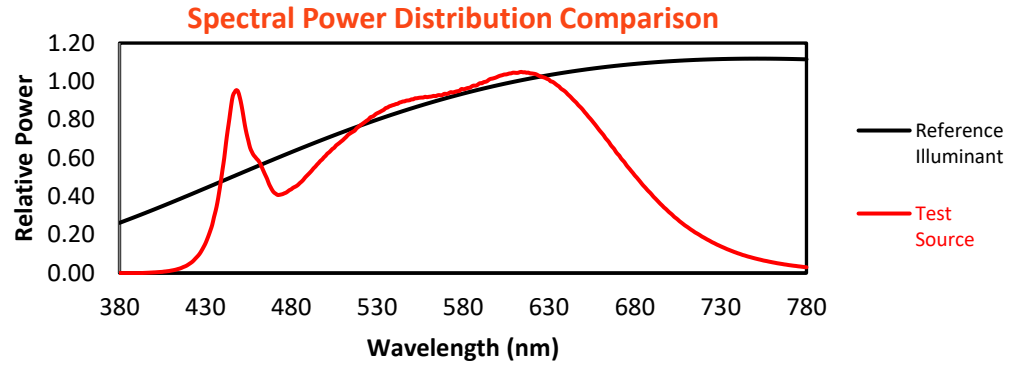
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492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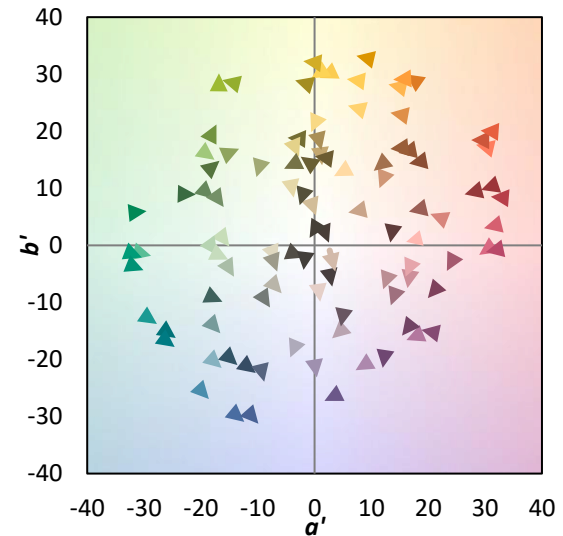
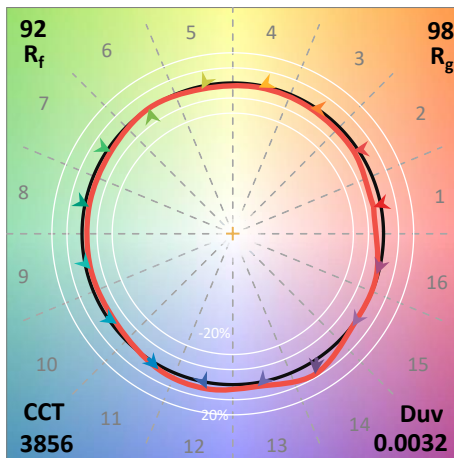
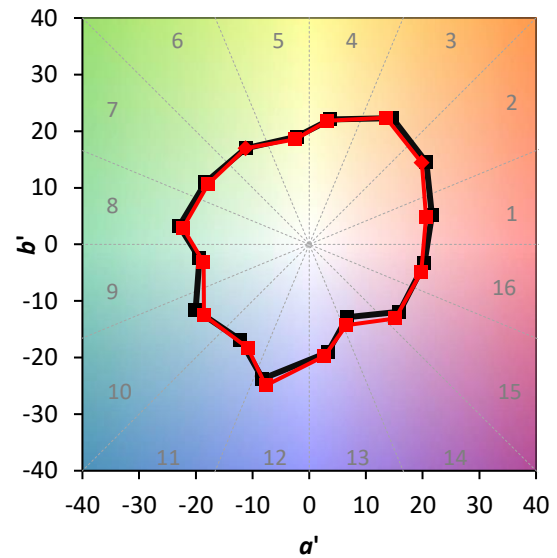
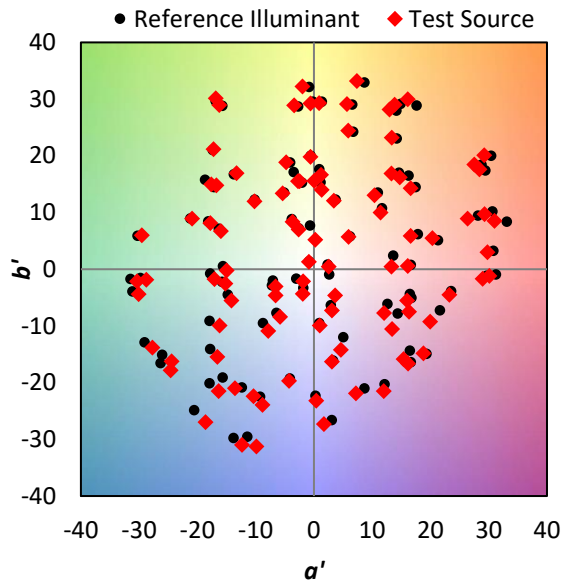
TM-30-18

Summary

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

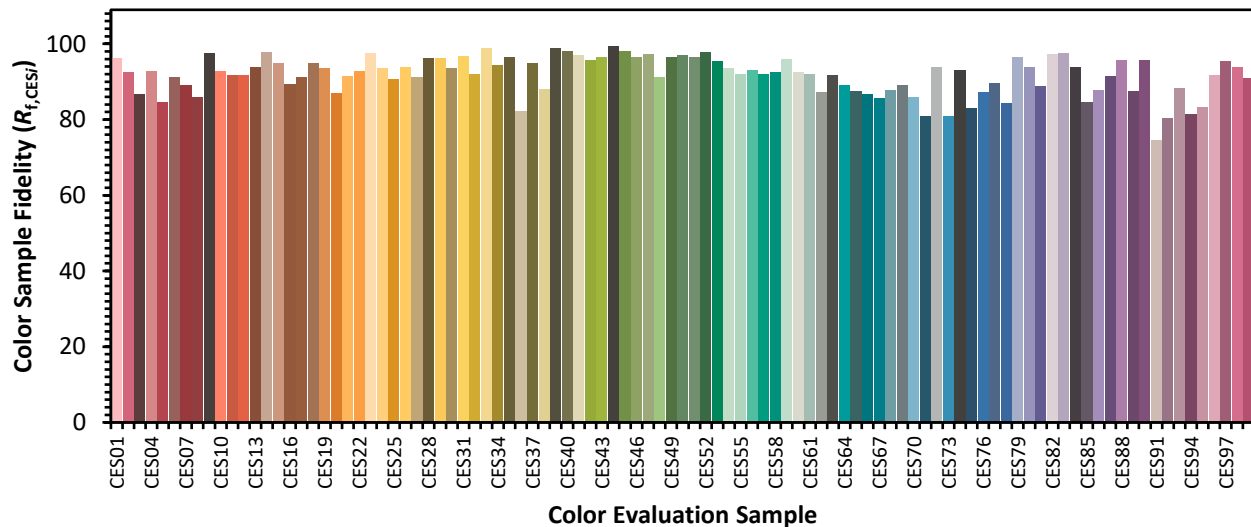


Color Vector Graphics

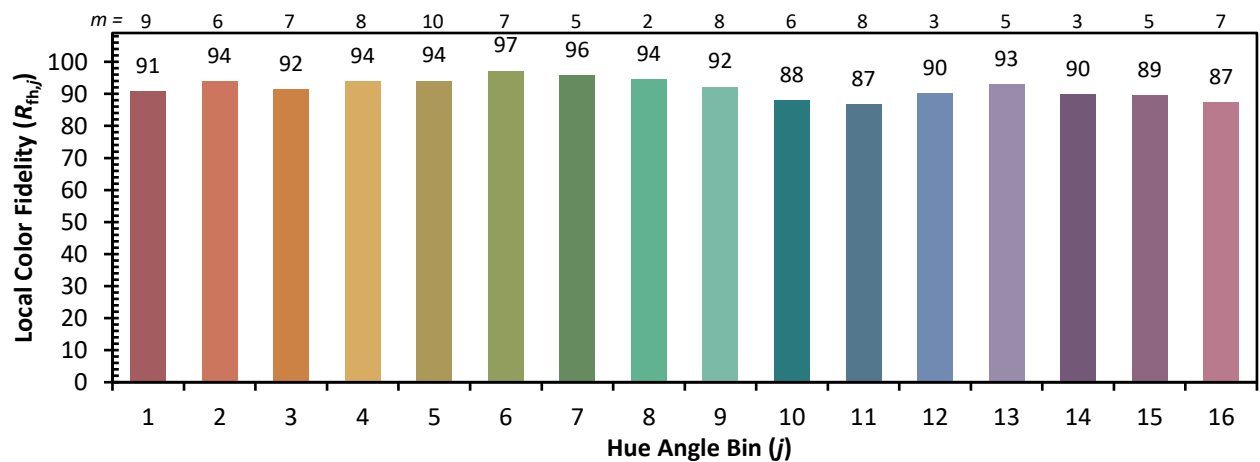
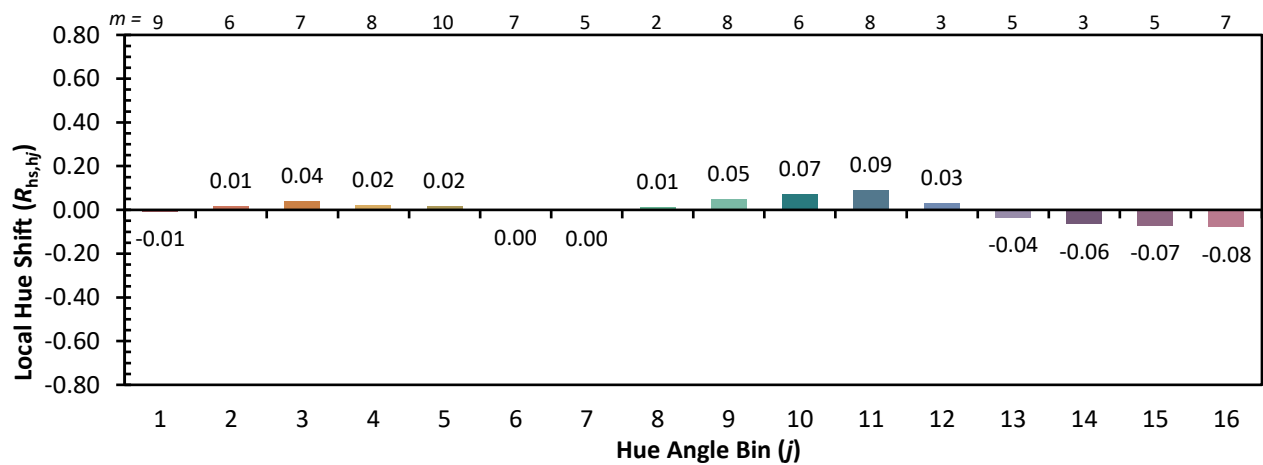
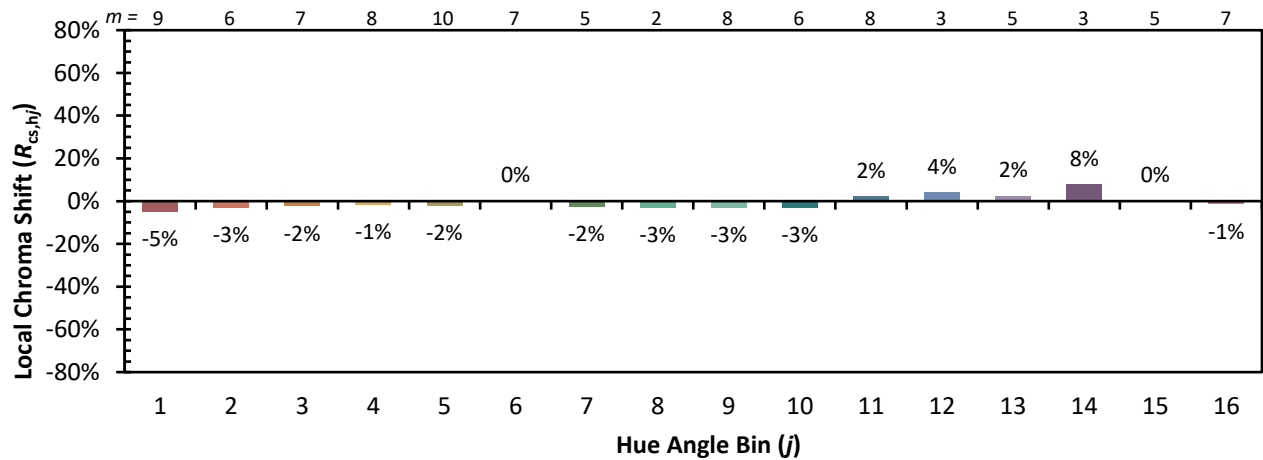


Individual Sample Fidelity Index ($R_{f,i}$)

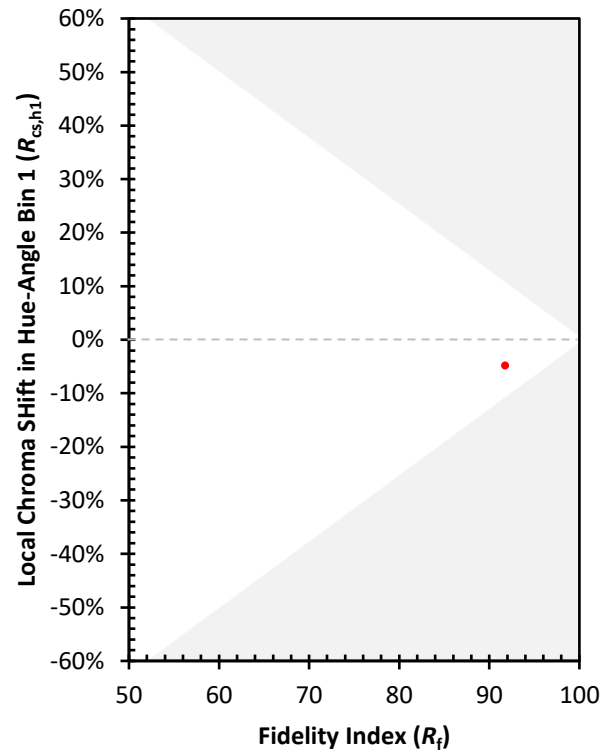
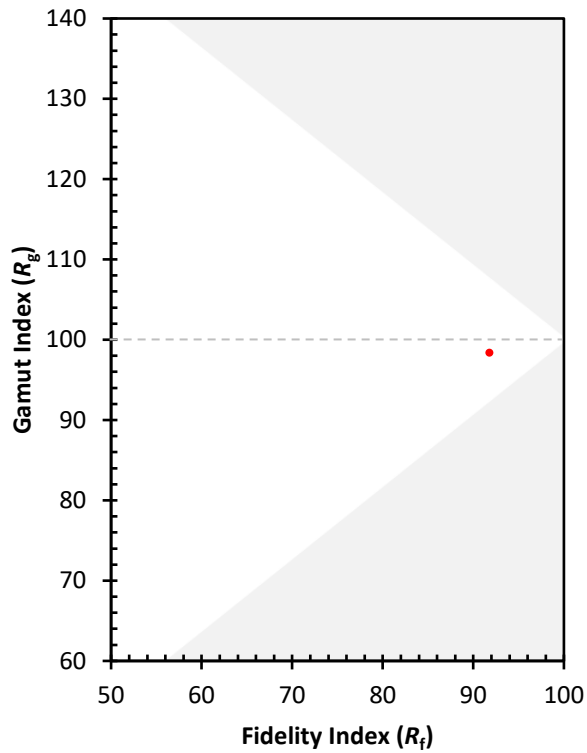
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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