

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: P1047554

Luminaire Tested: **GALN-SA1B-940-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047554
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-940-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3496.5 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

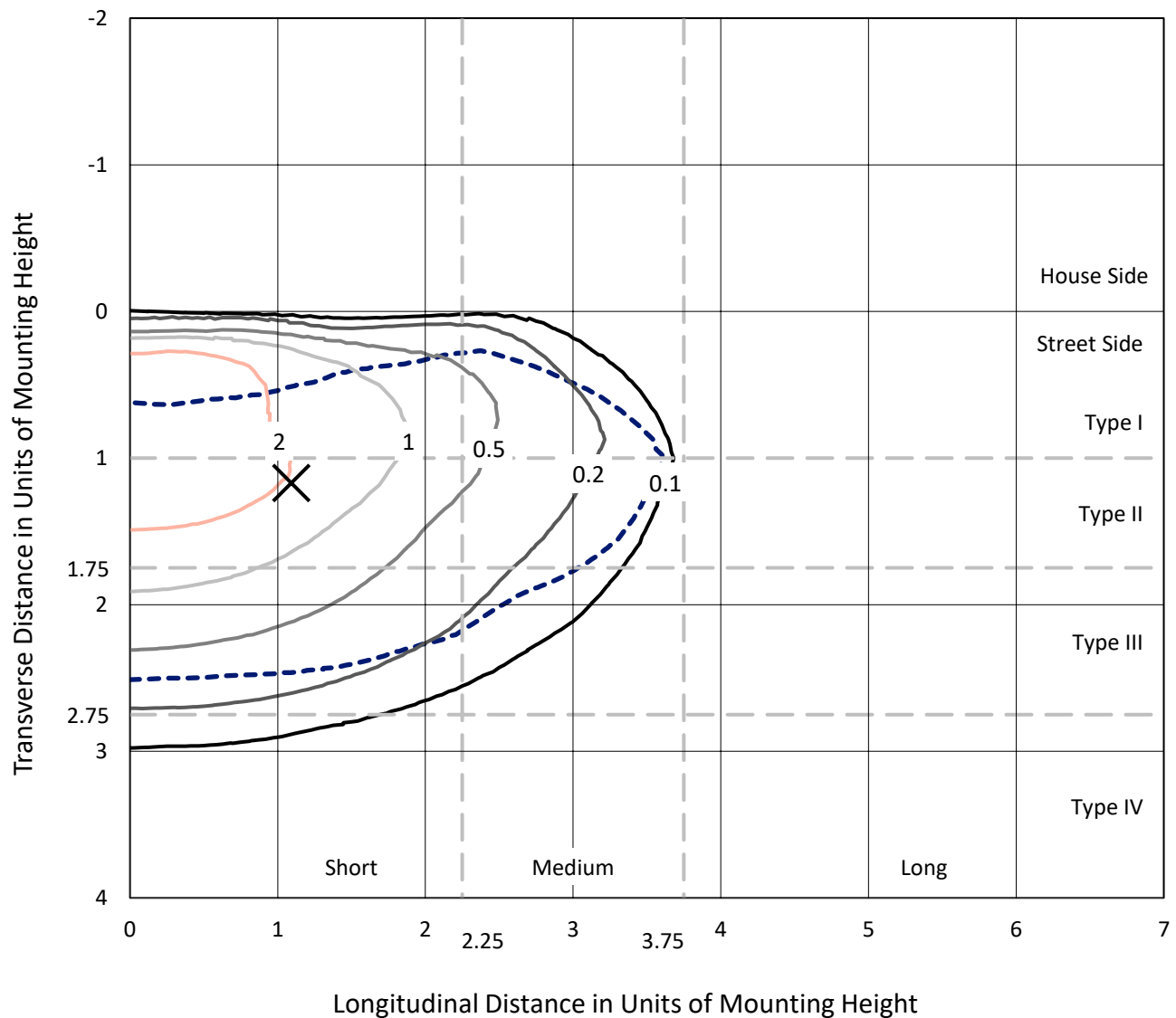


REPORT NUMBER: P1047554

CATALOG NUMBER: GALN-SA1B-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

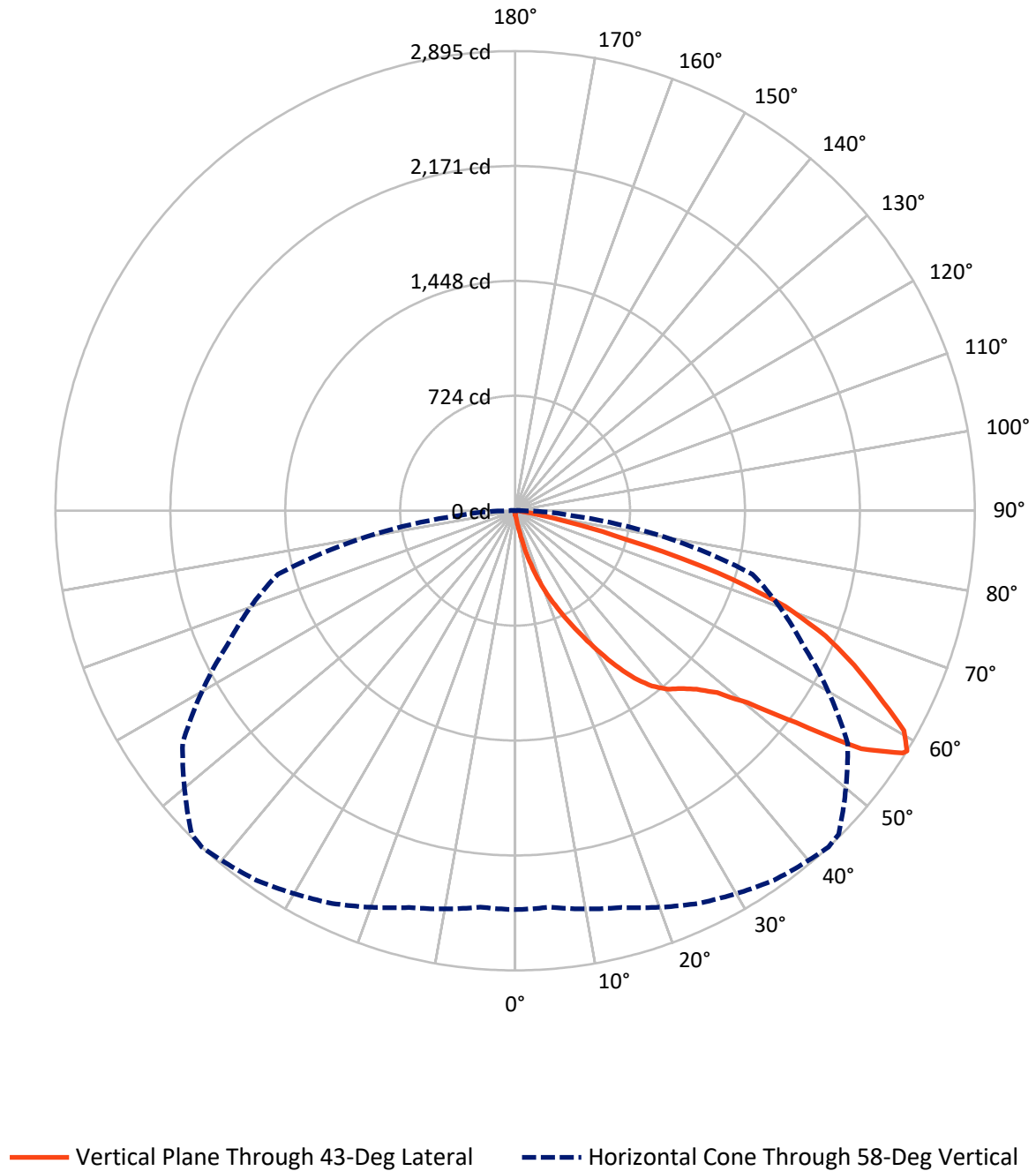


Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047554

CATALOG NUMBER: GALN-SA1B-940-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047554

CATALOG NUMBER: GALN-SA1B-940-U-T3BC

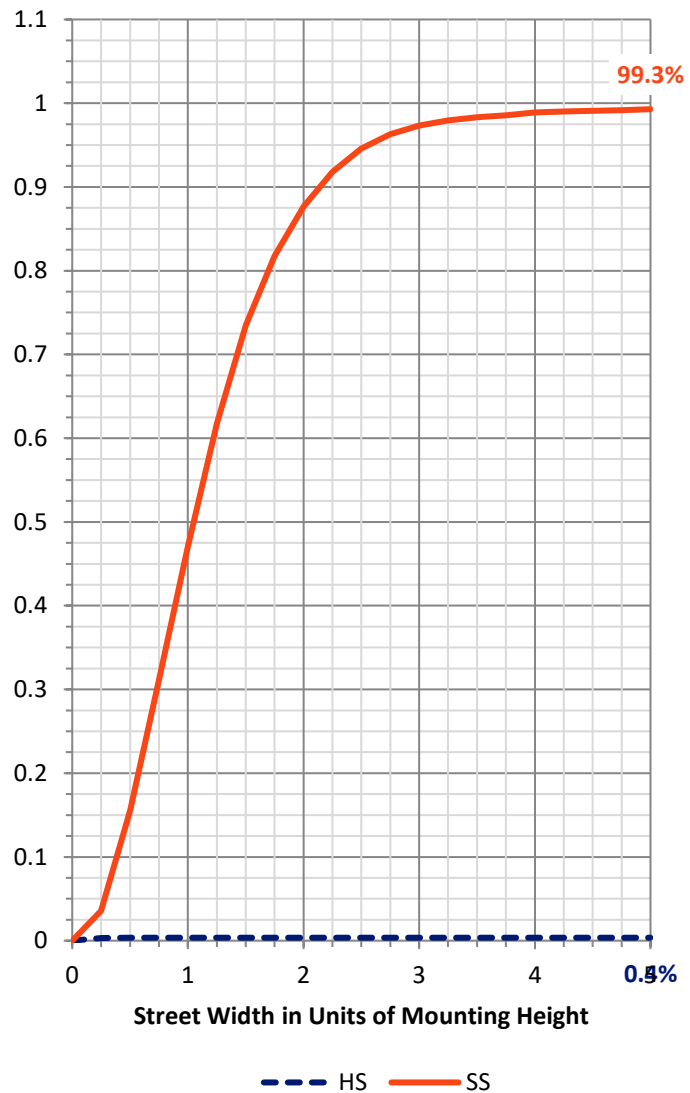
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.7	0.0	12.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3483.8	0.0	3483.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	3496.5	0.0	3496.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	40.2	1.1
20°-30°	144.9	4.1
30°-40°	331.4	9.5
40°-50°	559.0	16.0
50°-60°	922.5	26.4
60°-70°	1031.1	29.5
70°-80°	425.7	12.2
80°-90°	38.4	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°	3496.5	100.0
0°-180°	3496.5	100.0



REPORT NUMBER: P1047554

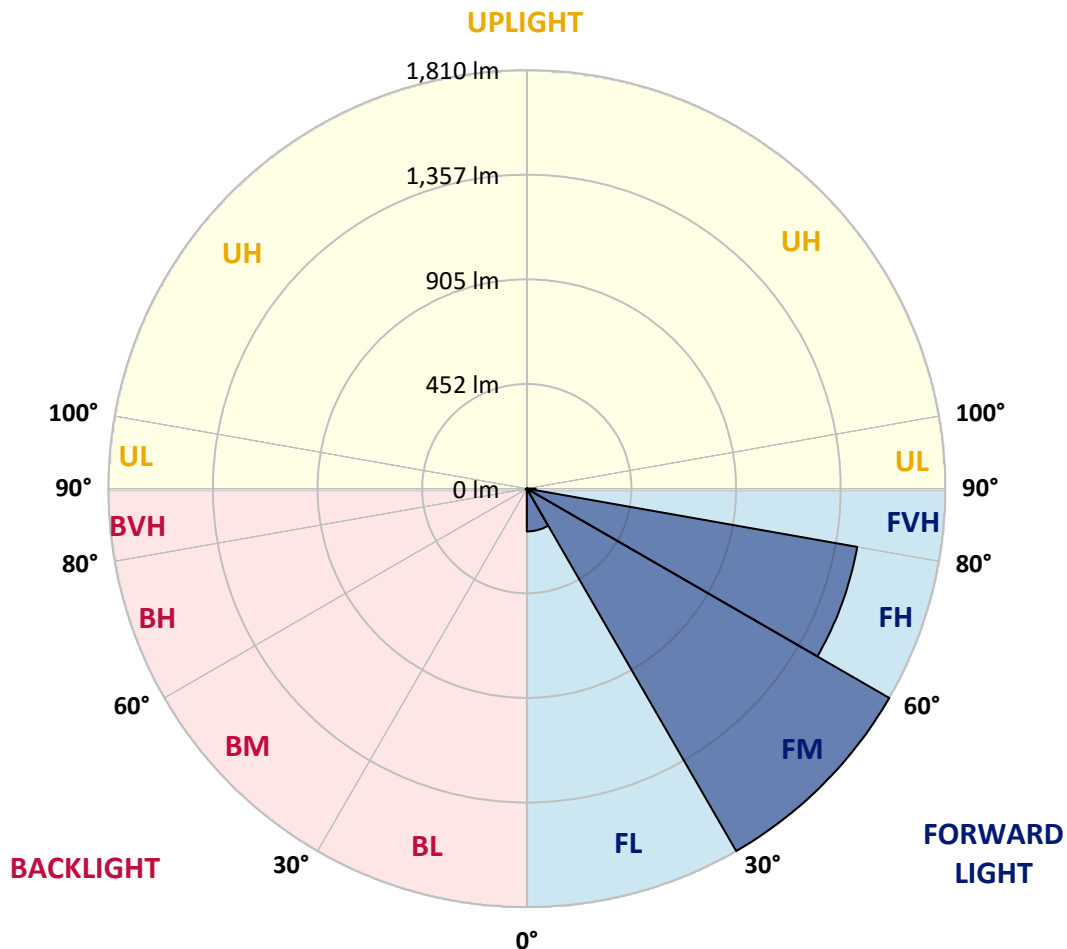
CATALOG NUMBER: GALN-SA1B-940-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	185.1	5.3			
FM	(30°-60°)	1810.0	51.8			
FH	(60°-80°)	1450.9	41.5			G1/1800
FVH	(80°-90°)	37.9	1.1			G1/100
BL	(0°-30°)	3.3	0.1	B0/110		
BM	(30°-60°)	3.1	0.1	B0/220		
BH	(60°-80°)	5.8	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 III Short



REPORT NUMBER: P1047554

CATALOG NUMBER: GALN-SA1B-940-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2.5°	27.4	28.3	27.4	27.4	27.4	26.5	26.5	25.6	25.6	24.7	23.8
5°	40.2	40.2	37.5	35.7	33.8	32.9	32.0	30.2	28.3	26.5	24.7
7.5°	89.6	89.6	81.4	70.4	55.8	47.6	45.7	37.5	32.0	28.3	24.7
10°	214.0	214.0	195.7	165.5	128.0	95.1	85.0	54.0	38.4	30.2	25.6
12.5°	355.7	360.3	337.4	299.0	243.3	185.6	165.5	98.8	51.2	32.9	25.6
15°	482.9	471.9	465.5	428.9	375.9	307.3	281.7	166.4	74.1	37.5	25.6
17.5°	568.8	568.8	559.7	535.0	486.5	426.2	405.1	268.9	119.8	43.0	26.5
20°	669.4	669.4	652.9	635.6	592.6	541.4	521.3	382.3	185.6	54.9	26.5
22.5°	791.0	792.9	774.6	743.5	702.3	645.6	628.3	487.4	268.9	73.2	27.4
25°	939.2	941.0	914.5	885.2	822.1	760.9	734.3	608.1	370.4	102.4	27.4
27.5°	1102.9	1115.7	1076.4	1026.1	959.3	882.5	862.4	717.0	471.0	144.5	29.3
30°	1306.8	1306.8	1254.7	1184.3	1112.0	1016.9	991.3	831.3	578.0	200.3	31.1
32.5°	1482.4	1468.7	1401.9	1327.8	1251.0	1162.3	1134.9	951.1	687.7	269.8	34.8
35°	1616.8	1604.9	1522.6	1443.1	1376.3	1294.9	1262.0	1080.9	803.8	348.4	40.2
37.5°	1732.1	1727.5	1615.9	1516.2	1472.3	1401.0	1371.7	1203.5	918.2	433.5	46.6
40°	1858.3	1843.6	1724.7	1601.3	1535.4	1477.8	1451.3	1302.2	1027.9	533.2	55.8
42.5°	1966.2	1948.8	1841.8	1721.1	1608.6	1530.9	1505.3	1385.5	1134.9	632.8	67.7
45°	2086.0	2076.8	1968.9	1877.5	1727.5	1603.1	1569.3	1452.2	1232.7	751.7	83.2
47.5°	2266.1	2249.7	2149.1	2074.1	1900.3	1712.8	1664.4	1520.8	1326.9	868.8	107.0
50°	2475.5	2464.6	2405.1	2345.7	2172.8	1900.3	1842.7	1619.6	1432.1	1007.8	138.1
52.5°	2646.5	2644.7	2652.0	2652.9	2522.2	2215.8	2129.9	1778.7	1552.8	1144.9	182.0
55°	2642.9	2651.1	2731.6	2824.0	2834.0	2646.5	2563.3	2046.6	1710.1	1314.1	243.3
57.5°	2544.1	2537.7	2622.8	2761.8	2859.6	2879.7	2866.0	2462.7	1947.0	1518.1	337.4
58°	2512.1	2506.6	2587.1	2728.9	2841.3	2895.3	2881.6	2556.9	2000.0	1547.3	363.1
60°	2396.0	2396.9	2444.4	2573.4	2685.9	2813.9	2826.7	2825.8	2264.3	1743.0	492.0
62.5°	2242.3	2235.0	2278.9	2384.1	2482.9	2568.8	2590.8	2844.1	2651.1	1991.8	738.0
65°	2030.2	2019.2	2065.8	2184.7	2290.8	2346.6	2347.5	2599.0	2833.1	2258.8	1089.2
67.5°	1636.0	1626.9	1720.2	1872.9	2036.6	2109.7	2142.7	2255.1	2679.5	2439.9	1290.4
70°	1002.3	1021.5	1151.3	1390.9	1670.8	1805.2	1854.6	1889.3	2281.7	2412.4	1079.1
72.5°	462.7	439.9	550.5	717.9	1037.0	1336.1	1387.3	1523.5	1808.9	2094.2	804.8
75°	215.8	207.6	233.2	313.7	470.1	721.5	814.8	1216.3	1387.3	1456.8	580.7
77.5°	110.7	111.6	132.6	142.7	193.9	333.8	383.2	800.2	1016.9	813.0	389.6
80°	48.5	50.3	51.2	55.8	78.6	128.9	145.4	371.3	695.0	414.3	213.1
82.5°	31.1	32.0	32.0	32.0	37.5	51.2	58.5	149.1	346.6	205.8	65.8
85°	16.5	16.5	18.3	22.9	26.5	31.1	32.9	47.6	114.3	61.3	15.5
87.5°	9.1	10.1	11.0	13.7	17.4	21.0	22.9	32.9	43.9	42.1	3.7
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: P1047554

CATALOG NUMBER: GALN-SA1B-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2.5°	23.8	22.9	21.9	21.0	20.1	19.2	19.2	19.2	19.2	19.2	19.2
5°	22.9	21.9	21.0	19.2	17.4	16.5	15.5	14.6	14.6	14.6	14.6
7.5°	22.9	21.9	19.2	17.4	15.5	13.7	11.9	11.9	11.9	11.9	11.9
10°	22.9	21.0	18.3	15.5	12.8	11.0	10.1	9.1	9.1	9.1	9.1
12.5°	22.9	20.1	17.4	13.7	11.0	9.1	8.2	7.3	7.3	7.3	7.3
15°	22.9	20.1	16.5	12.8	10.1	7.3	6.4	5.5	5.5	5.5	5.5
17.5°	21.9	19.2	15.5	11.0	8.2	5.5	4.6	3.7	3.7	4.6	4.6
20°	21.0	18.3	13.7	9.1	6.4	4.6	2.7	2.7	2.7	2.7	2.7
22.5°	21.0	18.3	12.8	8.2	5.5	2.7	1.8	1.8	1.8	1.8	2.7
25°	21.0	17.4	11.0	6.4	3.7	1.8	0.9	0.9	0.9	0.9	0.9
27.5°	21.0	17.4	10.1	5.5	2.7	1.8	0.9	0.0	0.0	0.0	0.0
30°	20.1	16.5	9.1	4.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
32.5°	20.1	15.5	7.3	3.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0
35°	21.0	14.6	6.4	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.9
37.5°	21.9	13.7	5.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	22.9	12.8	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	24.7	12.8	4.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	26.5	12.8	3.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	30.2	13.7	3.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	32.9	14.6	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	36.6	13.7	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	41.2	13.7	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	44.8	12.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	46.6	11.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	55.8	11.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	86.9	9.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	176.5	8.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	329.2	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	368.5	8.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	232.3	6.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	122.5	6.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	61.3	6.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	28.3	4.6	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.9	2.7	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.5	2.7	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.7	1.8	1.8	0.9	0.9	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

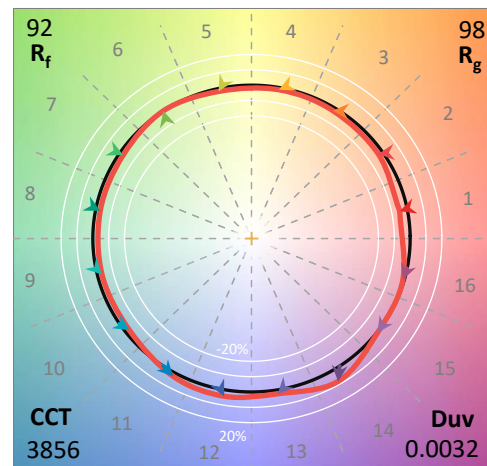
Test Information

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

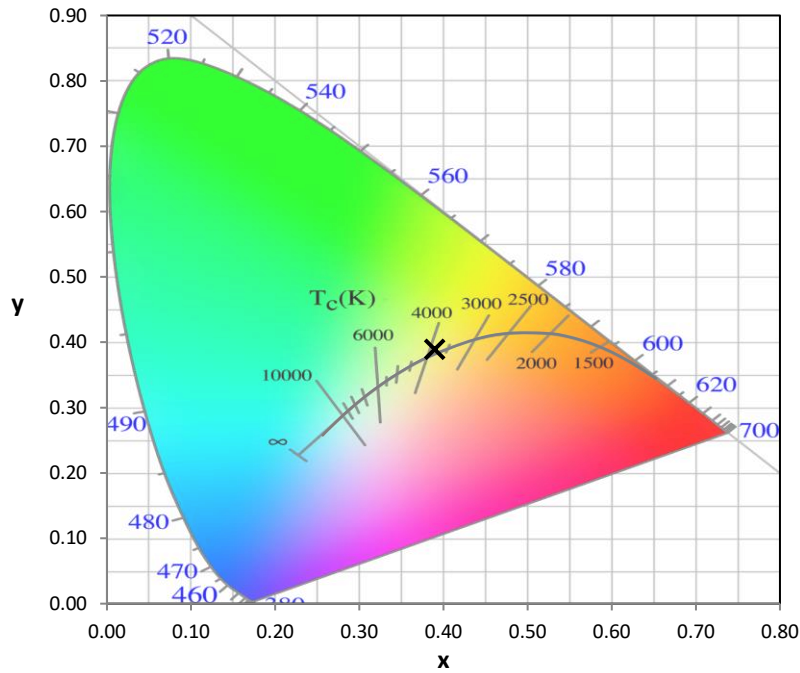
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

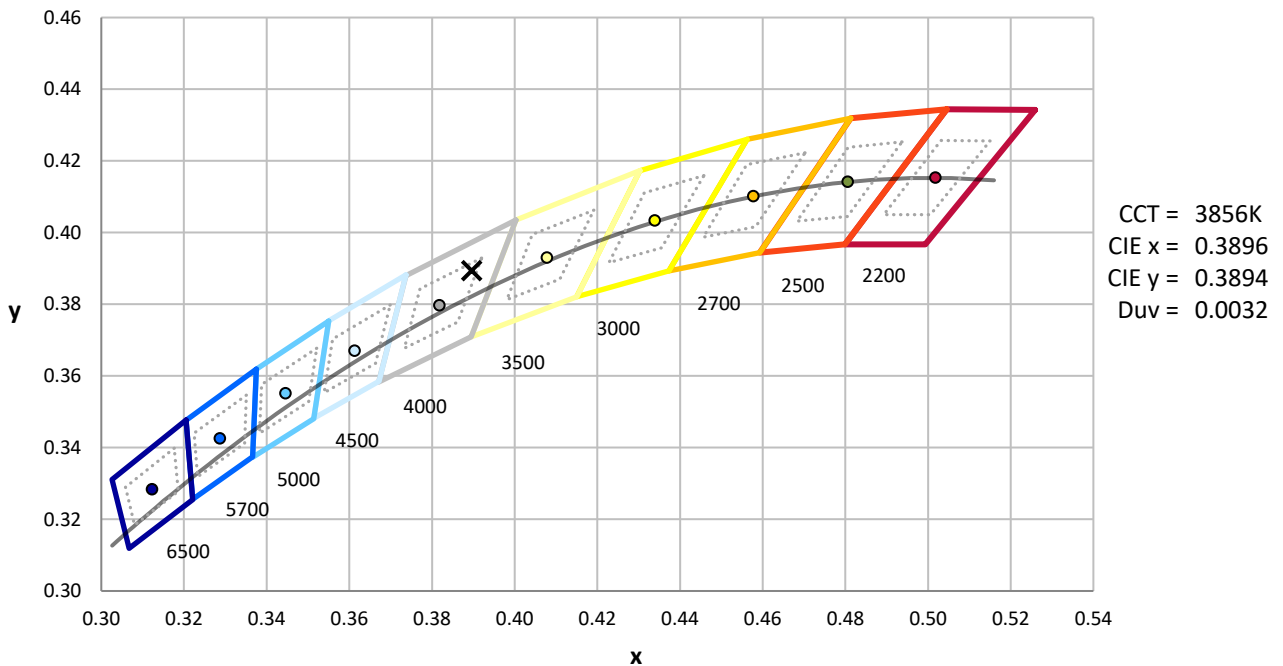
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



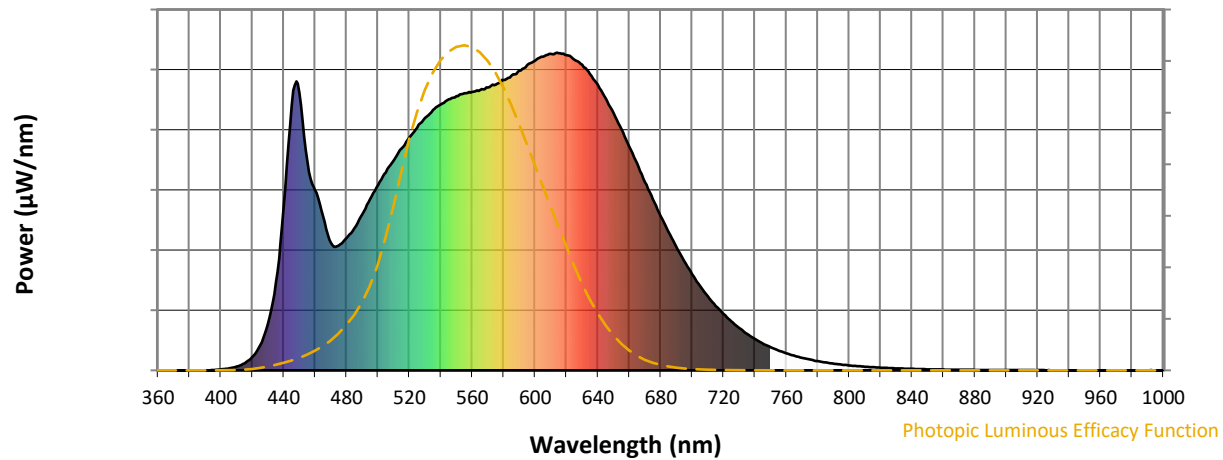
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

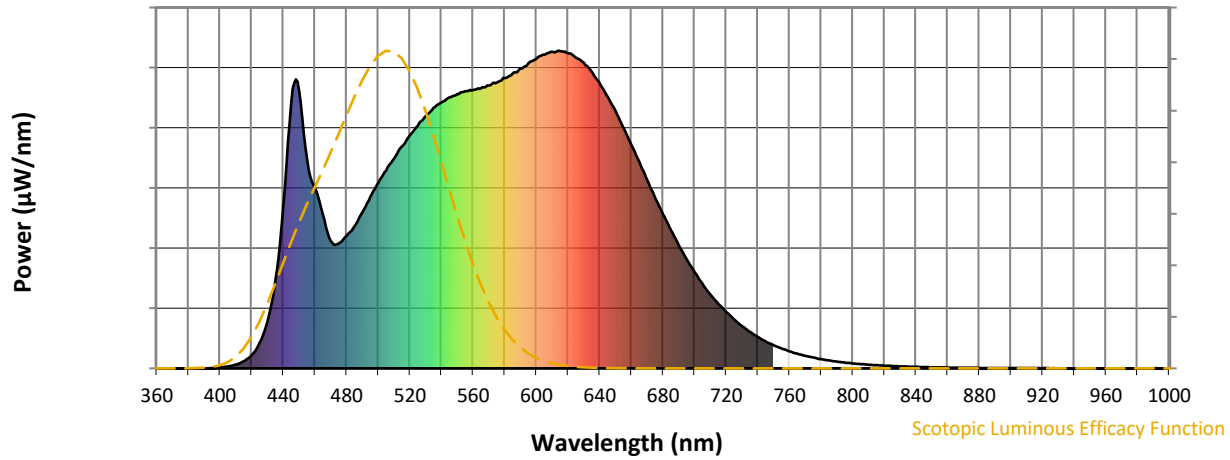


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



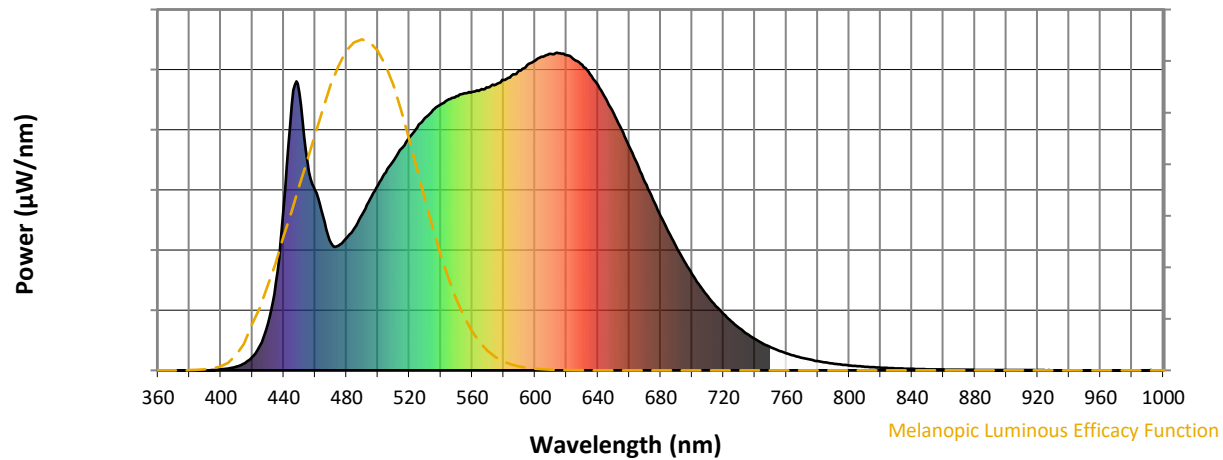
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

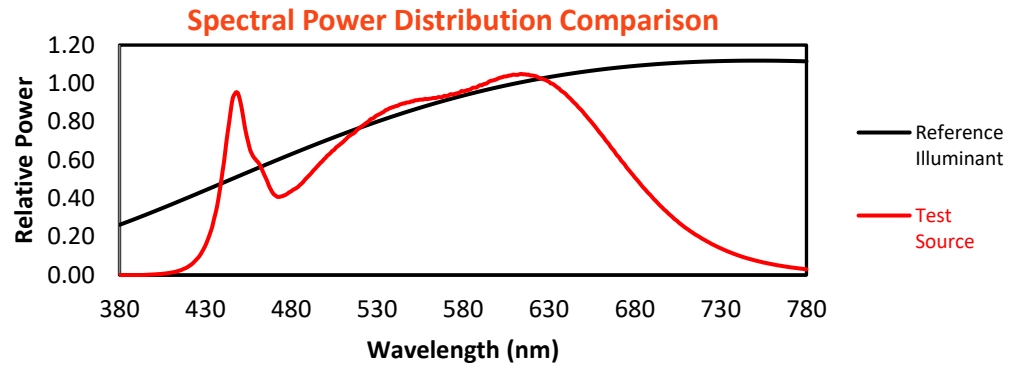
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	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			

REPORT NUMBER: SP1-2407-184-16

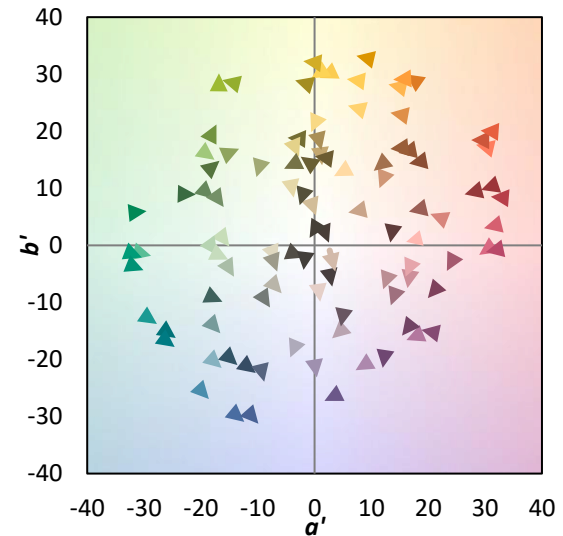
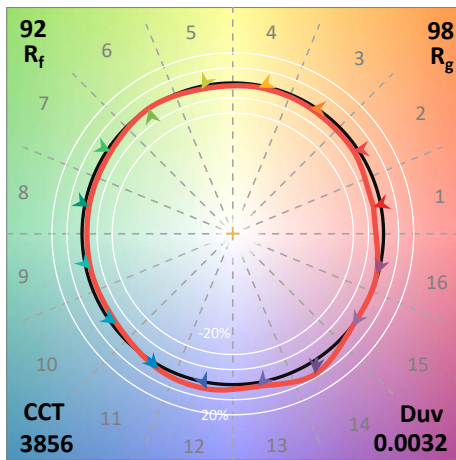
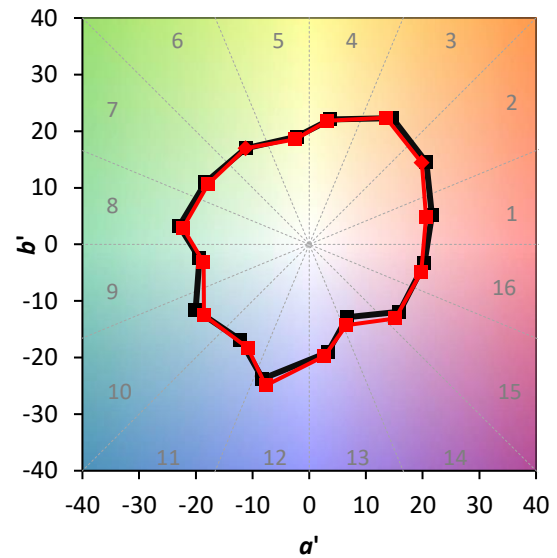
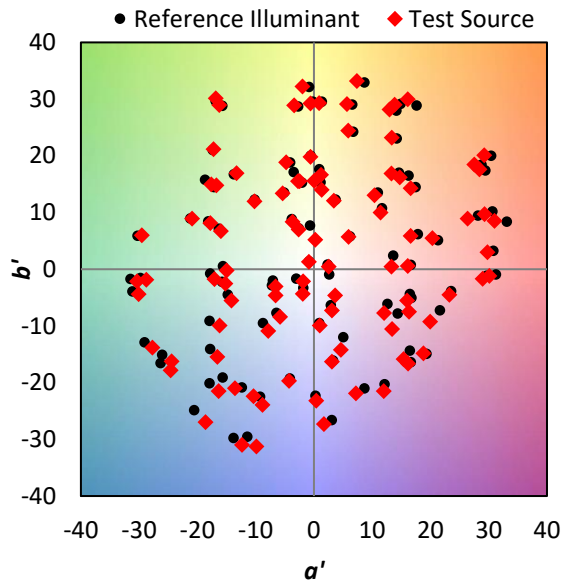
TM-30-18

Summary

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

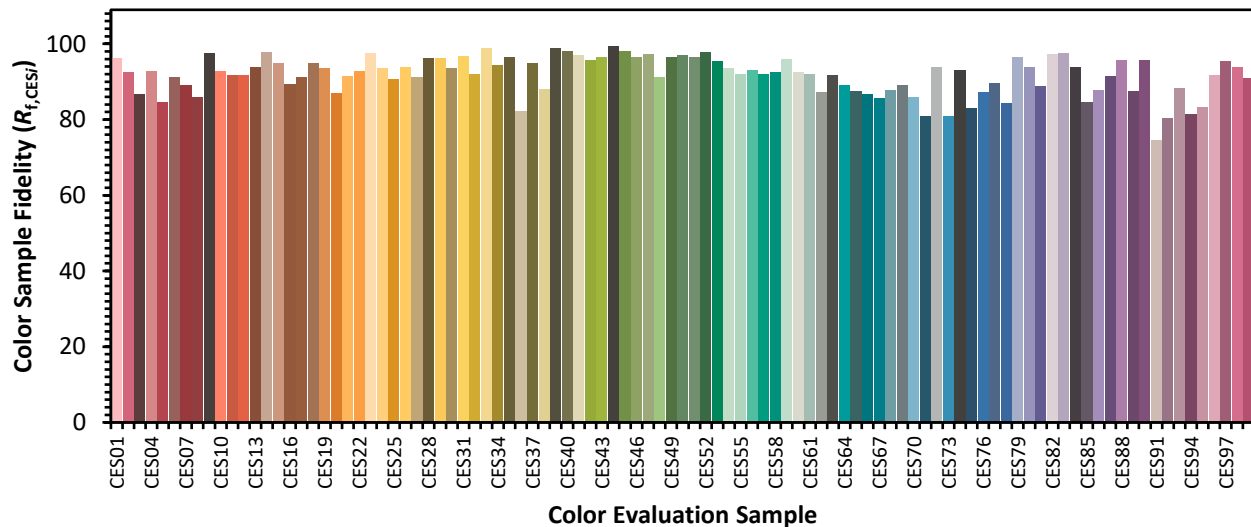


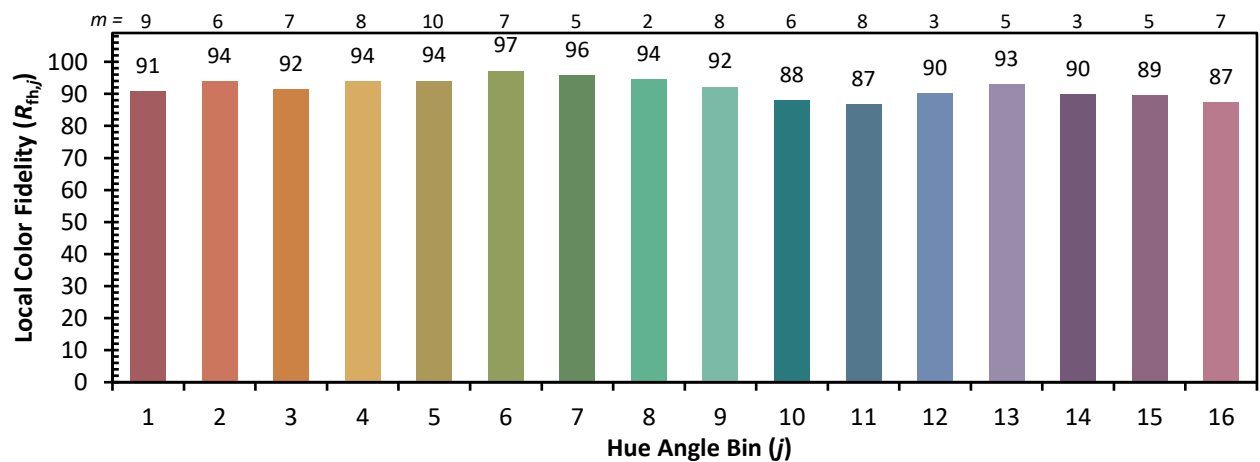
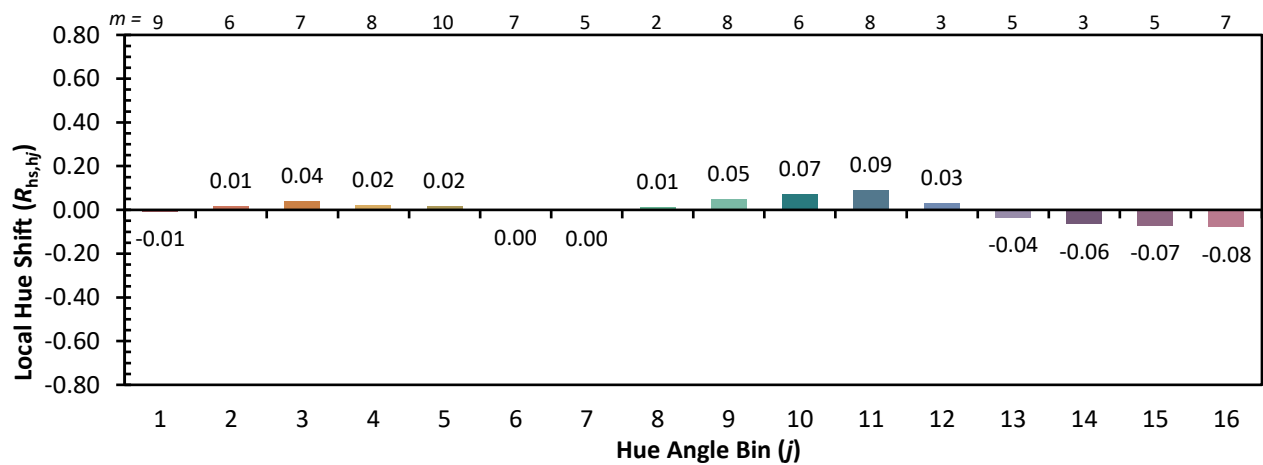
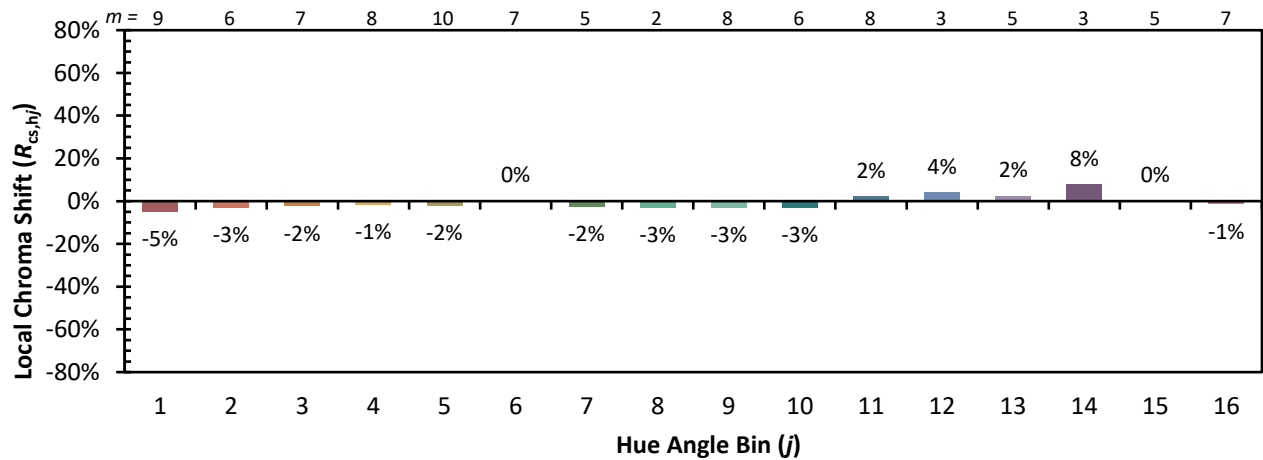
Color Vector Graphics



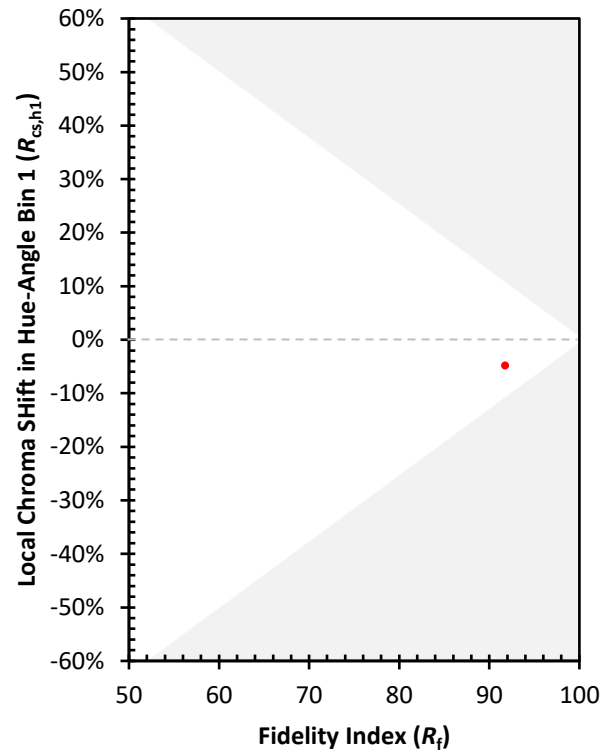
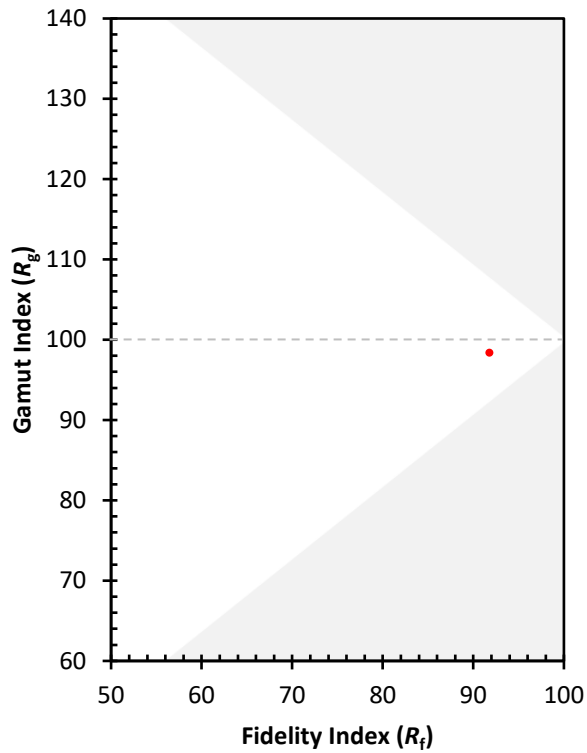
Individual Sample Fidelity Index ($R_{f,i}$)

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)