

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: P1048198

Luminaire Tested: **GALN-SA9B-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048198
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 28917.5 lumens
Efficiency: N/A
Efficacy: 92.5 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): 312.7
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

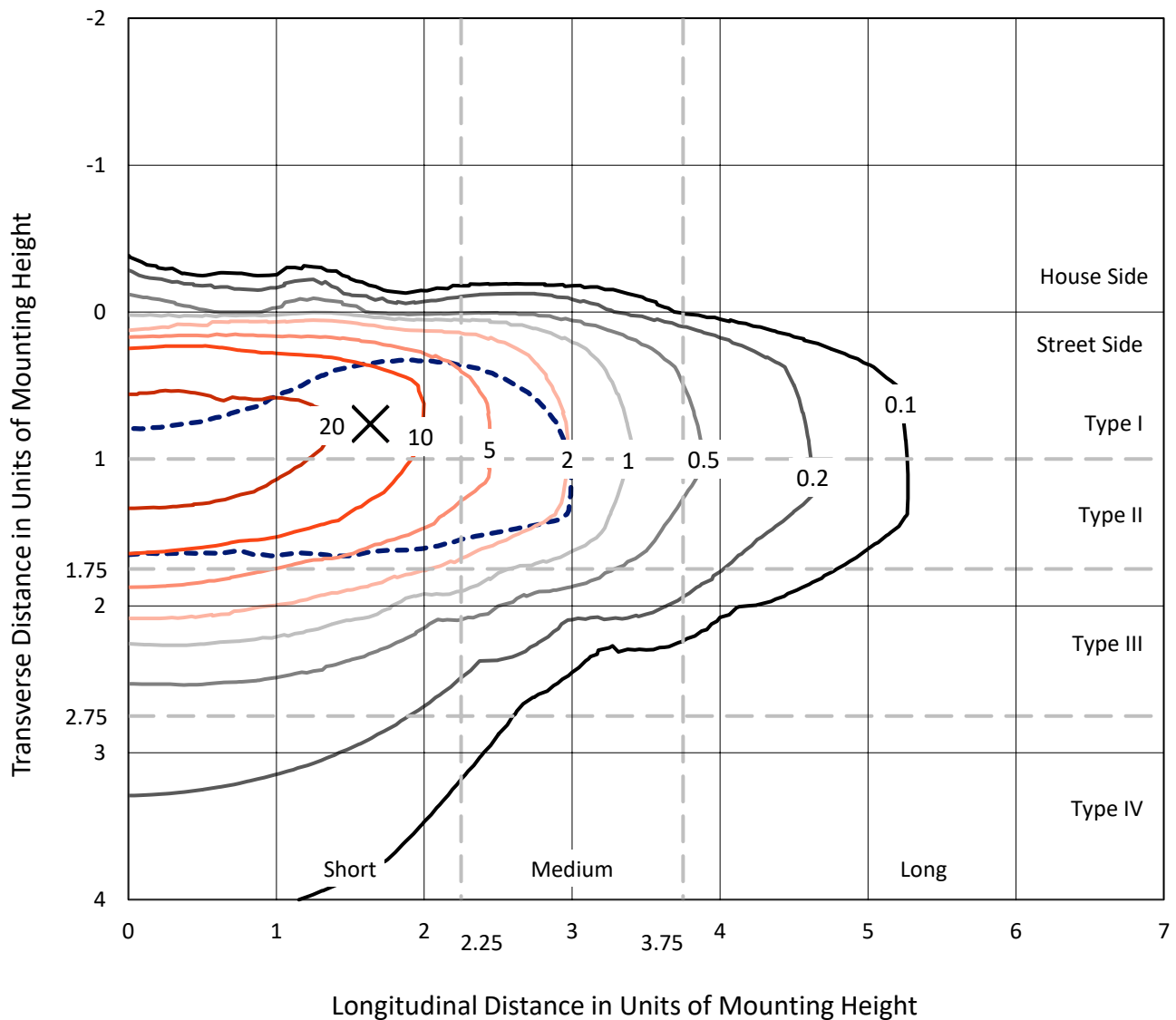


REPORT NUMBER: P1048198

CATALOG NUMBER: GALN-SA9B-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

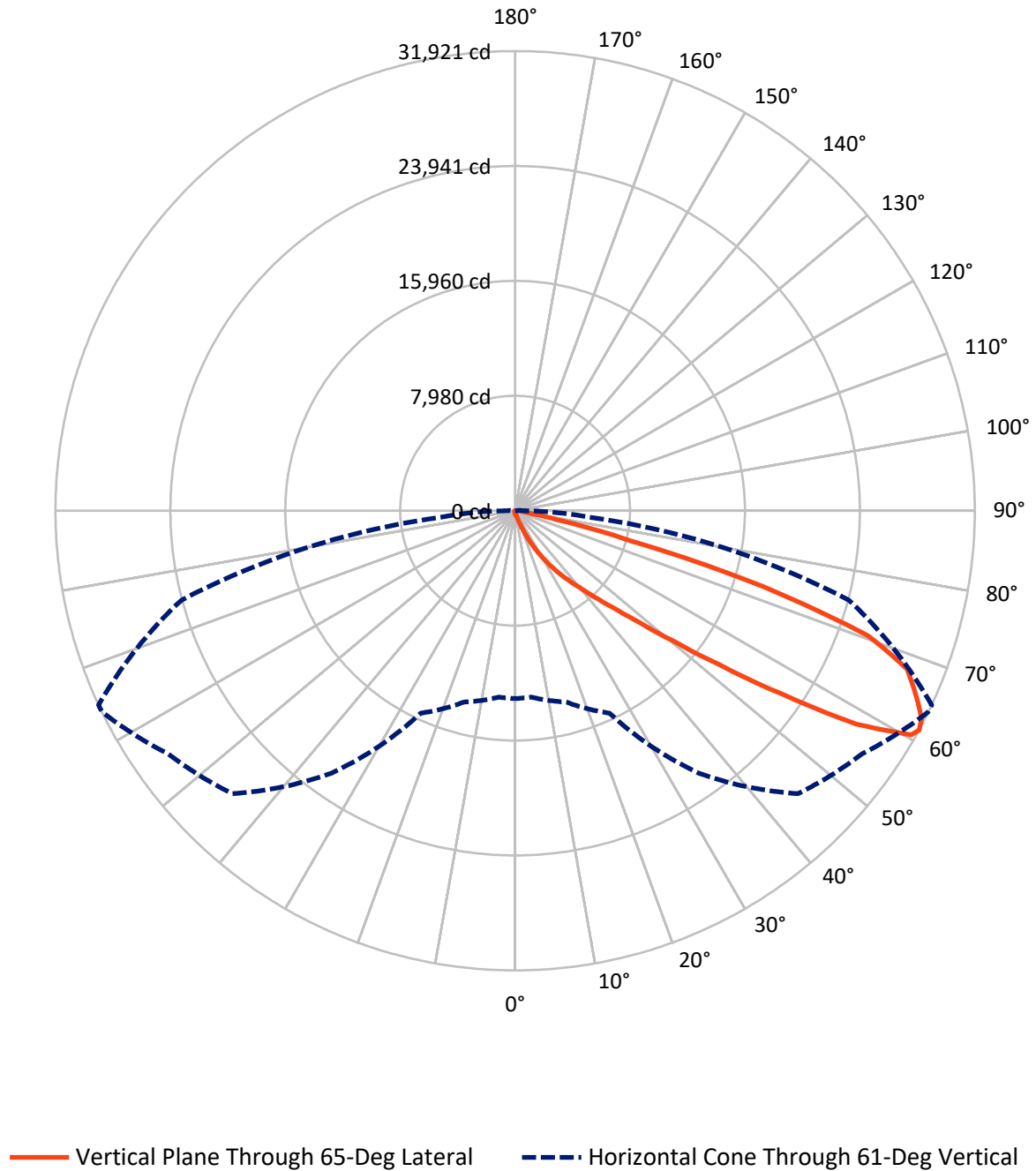


Based on 15 foot mounting height. Maximum calculated value = 38.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1048198

CATALOG NUMBER: GALN-SA9B-940-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048198

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	123.4	0.0	123.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28794.1	0.0	28794.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	28917.5	0.0	28917.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.5	0.1
10°-20°	237.8	0.8
20°-30°	853.4	3.0
30°-40°	2272.1	7.9
40°-50°	5968.7	20.6
50°-60°	9246.7	32.0
60°-70°	7753.2	26.8
70°-80°	2281.6	7.9
80°-90°	281.5	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°	28917.5	100.0
0°-180°	28917.5	100.0



REPORT NUMBER: P1048198

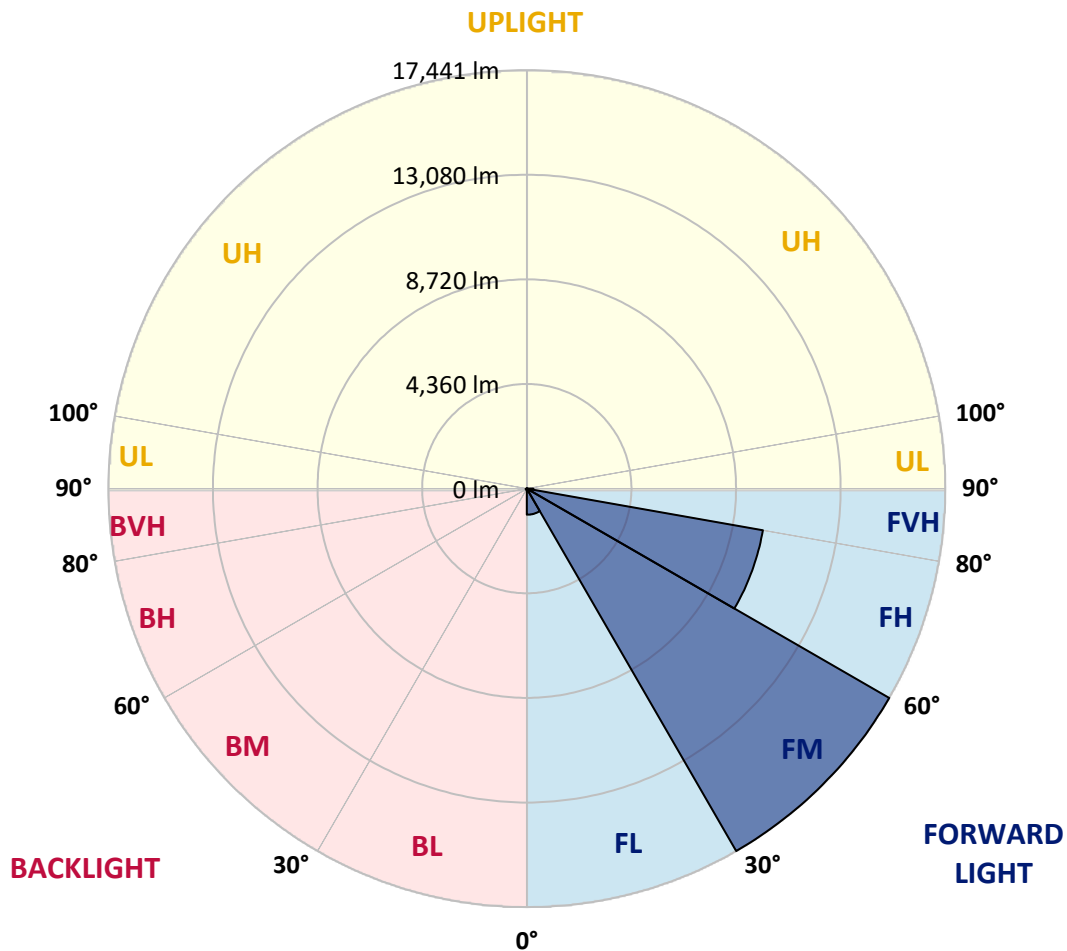
CATALOG NUMBER: GALN-SA9B-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1086.0	3.8			
FM	(30°-60°)	17440.5	60.3			
FH	(60°-80°)	9991.3	34.6			G4/12000
FVH	(80°-90°)	276.2	1.0			G3/500
BL	(0°-30°)	27.7	0.1	B0/110		
BM	(30°-60°)	47.0	0.2	B0/220		
BH	(60°-80°)	43.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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



REPORT NUMBER: P1048198

CATALOG NUMBER: GALN-SA9B-940-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0
2.5°	214.8	216.8	212.8	204.9	198.9	198.9	196.9	191.0	191.0	185.0	181.0
5°	300.4	296.4	288.4	272.5	258.6	244.7	230.7	216.8	214.8	196.9	185.0
7.5°	491.3	495.3	469.5	419.7	378.0	324.2	274.5	244.7	240.7	210.9	187.0
10°	1078.2	1048.3	988.6	795.7	654.5	493.3	366.0	284.5	280.5	226.8	191.0
12.5°	1965.3	1941.5	1832.1	1633.1	1269.1	883.2	535.1	352.1	340.2	240.7	193.0
15°	2832.6	2794.8	2735.2	2534.3	2108.6	1583.4	875.3	481.4	449.6	260.6	191.0
17.5°	3385.6	3391.6	3337.9	3252.4	2977.9	2343.3	1511.8	718.1	656.4	296.4	187.0
20°	3869.0	3855.1	3884.9	3839.2	3646.2	3184.7	2200.1	1137.8	1032.4	354.1	189.0
22.5°	4426.0	4459.8	4481.7	4471.8	4258.9	3865.0	2981.8	1702.8	1569.5	459.5	194.9
25°	5172.0	5168.0	5170.0	5144.1	4937.2	4499.6	3765.6	2405.0	2269.7	630.6	208.9
27.5°	5953.7	5977.6	5987.5	5894.0	5623.5	5193.8	4491.6	3172.8	3013.7	905.1	226.8
30°	7021.9	7002.0	6956.3	6765.3	6437.1	5904.0	5207.8	3978.4	3811.3	1289.0	254.6
32.5°	8462.1	8440.2	8209.5	7787.8	7296.4	6644.0	5927.9	4786.0	4583.1	1768.4	292.4
35°	10835.2	10869.1	10302.1	9210.1	8328.8	7533.2	6725.5	5589.7	5410.7	2359.2	344.1
37.5°	14469.5	14284.5	13514.7	11585.2	9687.5	8643.1	7487.4	6401.3	6246.1	3087.3	411.8
40°	18000.4	17817.4	17594.6	15766.5	12048.7	9866.5	8553.6	7354.1	7153.2	3908.8	511.2
42.5°	21712.3	21610.8	21600.9	20222.3	16357.3	11790.1	9836.7	8470.1	8299.0	4809.9	674.3
45°	24342.0	24240.6	24453.4	24694.1	22225.5	15911.7	12070.5	9920.2	9671.6	5904.0	934.9
47.5°	24696.1	24700.1	25269.0	26022.9	26585.8	22287.1	15046.4	11841.8	11539.4	7469.5	1372.6
50°	23518.5	23564.2	24469.3	25818.0	27333.8	27636.1	20294.0	14630.7	14183.1	9325.4	1993.2
52.5°	21276.6	21328.3	22589.5	24807.5	26645.5	28921.2	26472.5	18278.9	17763.7	11640.9	2868.4
55°	19257.6	19289.4	20735.6	23538.4	25816.0	28223.0	30140.6	23150.5	22474.1	14489.4	3731.8
57.5°	17258.4	17184.8	18125.7	21334.3	25674.8	27365.6	30681.6	28702.4	27956.4	17602.5	4404.1
60°	14584.9	14461.6	15217.5	17258.4	23816.9	27928.6	29669.1	31773.7	31604.6	21937.0	4923.3
61°	13047.3	12995.5	13755.4	15505.9	22253.3	27785.3	29426.4	31903.0	31920.9	23987.9	5156.0
62.5°	9317.5	9464.7	10626.4	12902.0	18638.9	26856.4	29458.3	31503.2	31680.2	26713.1	5758.8
65°	4141.5	4378.3	5281.4	7133.3	10839.2	22340.9	29175.8	30625.9	30538.4	27461.1	7835.5
67.5°	2456.7	2492.5	2942.0	4042.1	5740.9	12016.8	25746.4	29466.2	29348.9	23906.4	9749.1
70°	1935.5	1953.4	2096.6	2536.2	3331.9	4603.0	14694.3	25493.8	26005.0	19384.9	9544.2
72.5°	1836.0	1832.1	1852.0	1929.5	2098.6	2283.6	5689.2	16946.1	17986.5	13960.3	8002.6
75°	1812.2	1804.2	1784.3	1754.5	1519.8	1344.7	1762.4	7495.4	8098.1	9538.3	6025.3
77.5°	1758.5	1760.5	1764.4	1682.9	1302.9	950.8	853.4	2405.0	2958.0	6053.2	4282.8
80°	1189.5	1207.5	1237.3	1205.5	1171.6	688.3	602.7	855.4	867.3	3397.6	2828.7
82.5°	602.7	602.7	588.8	525.2	453.5	447.6	479.4	620.6	628.6	1718.7	1330.8
85°	364.0	383.9	391.9	356.1	326.2	300.4	366.0	493.3	511.2	666.4	310.3
87.5°	81.6	83.5	91.5	121.3	177.0	240.7	340.2	451.6	459.5	427.7	37.8
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: P1048198

CATALOG NUMBER: GALN-SA9B-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0	177.0
2.5°	179.0	175.1	173.1	167.1	161.1	155.2	151.2	149.2	151.2	153.2	153.2
5°	177.0	171.1	161.1	151.2	143.2	135.3	127.3	125.3	125.3	127.3	127.3
7.5°	177.0	167.1	153.2	141.2	129.3	117.4	111.4	107.4	109.4	109.4	109.4
10°	177.0	165.1	147.2	129.3	115.4	101.4	91.5	87.5	87.5	87.5	87.5
12.5°	175.1	163.1	141.2	119.4	99.5	83.5	71.6	65.6	67.6	67.6	67.6
15°	171.1	157.1	133.3	101.4	79.6	63.7	51.7	45.8	47.7	51.7	53.7
17.5°	165.1	151.2	119.4	85.5	63.7	47.7	35.8	31.8	33.8	39.8	39.8
20°	163.1	145.2	105.4	69.6	47.7	33.8	23.9	19.9	21.9	29.8	31.8
22.5°	163.1	141.2	95.5	57.7	35.8	21.9	13.9	8.0	8.0	13.9	13.9
25°	165.1	139.2	87.5	47.7	25.9	15.9	8.0	4.0	8.0	21.9	25.9
27.5°	169.1	137.3	83.5	39.8	19.9	13.9	6.0	13.9	23.9	23.9	23.9
30°	173.1	133.3	77.6	33.8	17.9	9.9	9.9	19.9	19.9	23.9	25.9
32.5°	179.0	131.3	73.6	29.8	13.9	8.0	13.9	11.9	11.9	13.9	15.9
35°	191.0	133.3	69.6	29.8	13.9	9.9	11.9	6.0	4.0	4.0	4.0
37.5°	206.9	135.3	63.7	25.9	11.9	11.9	6.0	0.0	0.0	0.0	0.0
40°	232.7	141.2	59.7	23.9	9.9	9.9	2.0	0.0	0.0	0.0	0.0
42.5°	276.5	153.2	57.7	21.9	9.9	8.0	0.0	0.0	0.0	0.0	0.0
45°	364.0	181.0	53.7	19.9	9.9	4.0	0.0	0.0	0.0	0.0	0.0
47.5°	523.2	246.7	51.7	15.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	763.9	334.2	49.7	13.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	974.7	352.1	33.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	998.6	242.7	25.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	795.7	157.1	21.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	602.7	119.4	19.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	578.9	107.4	19.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	638.5	93.5	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1038.4	77.6	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1804.2	67.6	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2279.6	63.7	11.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1987.2	57.7	11.9	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1195.5	49.7	11.9	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	626.6	37.8	11.9	9.9	6.0	2.0	0.0	0.0	0.0	0.0	0.0
80°	304.3	33.8	13.9	9.9	8.0	4.0	0.0	0.0	0.0	0.0	0.0
82.5°	119.4	27.8	15.9	13.9	9.9	6.0	2.0	0.0	0.0	0.0	0.0
85°	53.7	23.9	17.9	15.9	13.9	8.0	2.0	0.0	0.0	0.0	0.0
87.5°	27.8	21.9	19.9	17.9	13.9	9.9	4.0	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

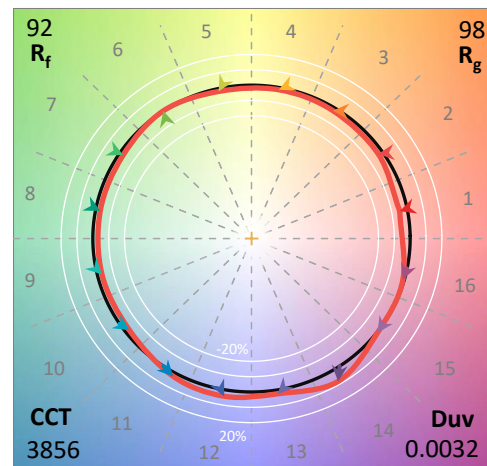
Test Information

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

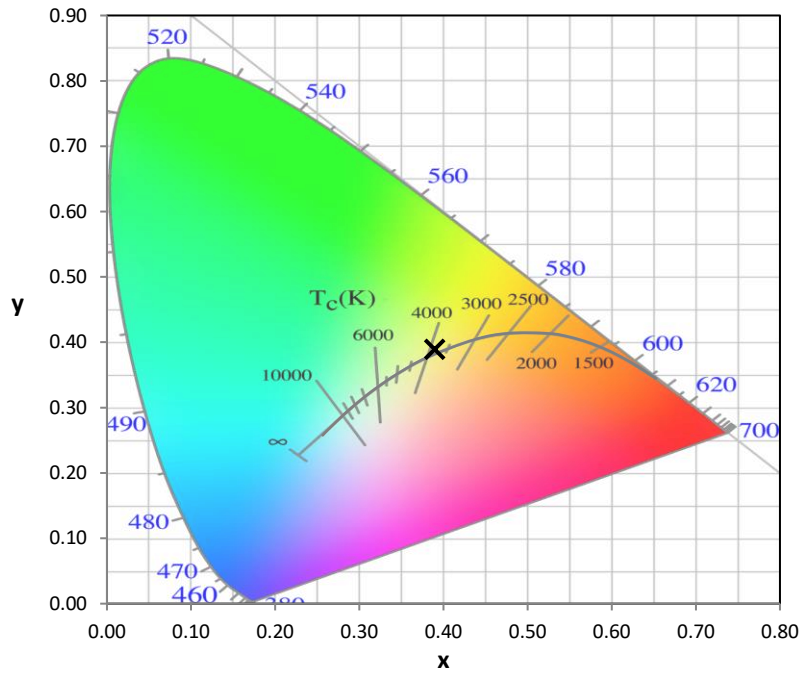
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

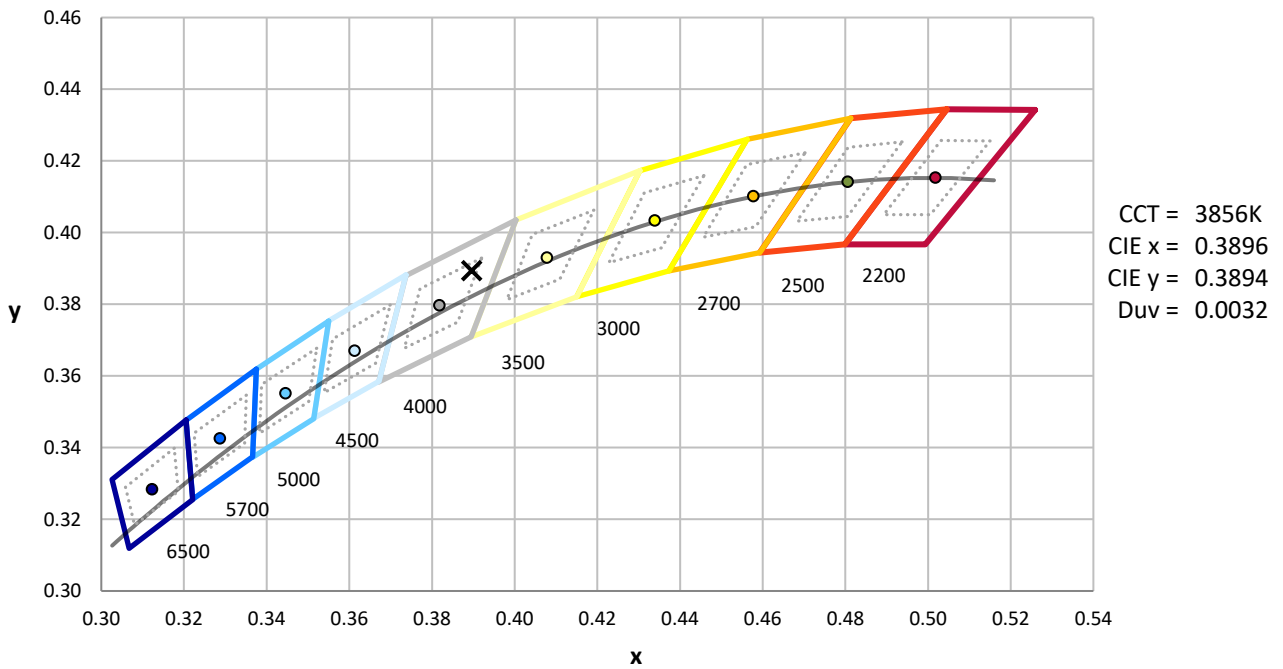
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



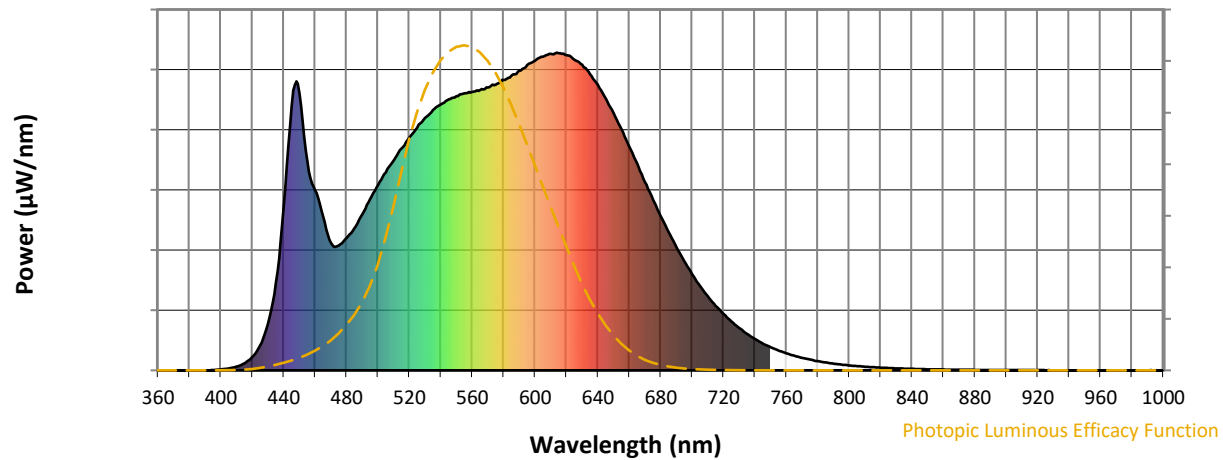
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

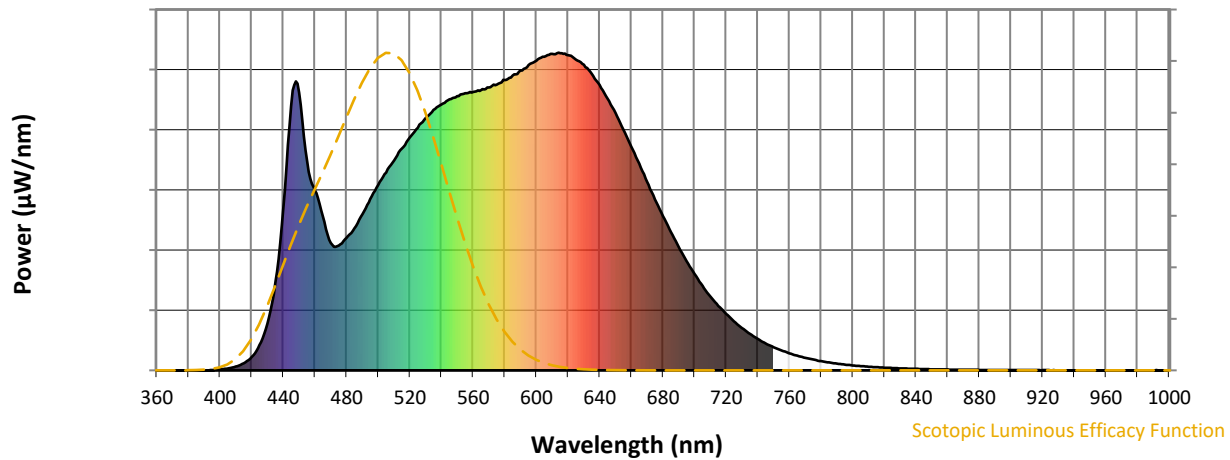


Photopic Lumens: NR

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



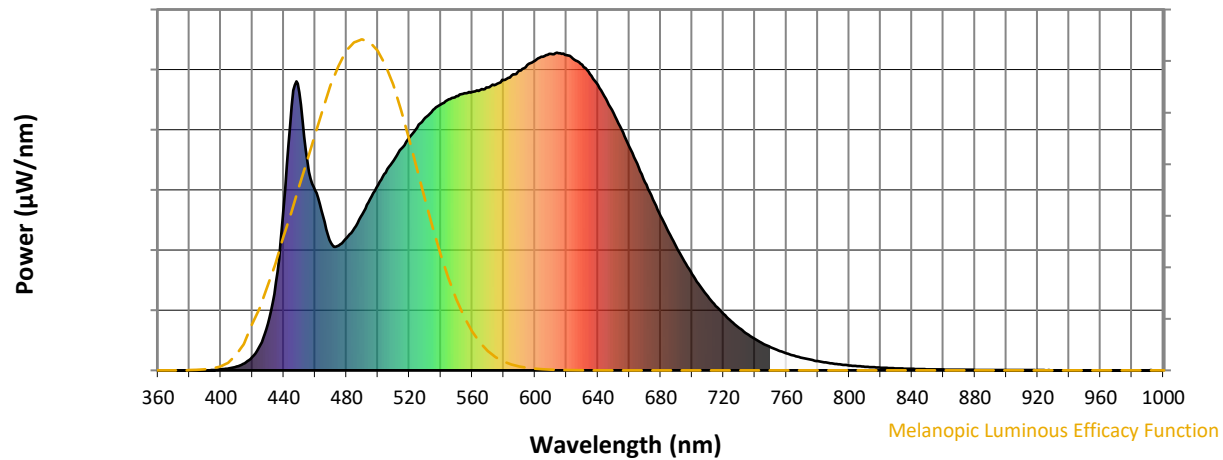
Scotopic Lumens: NR

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

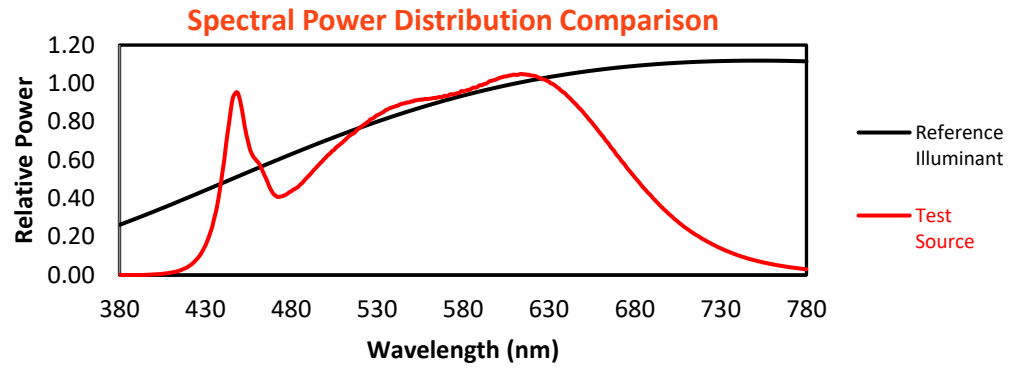
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583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

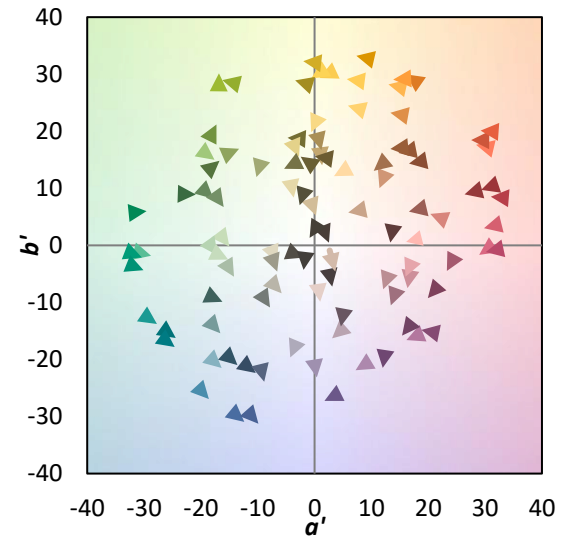
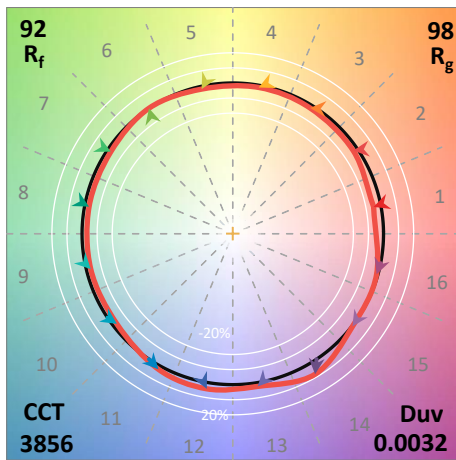
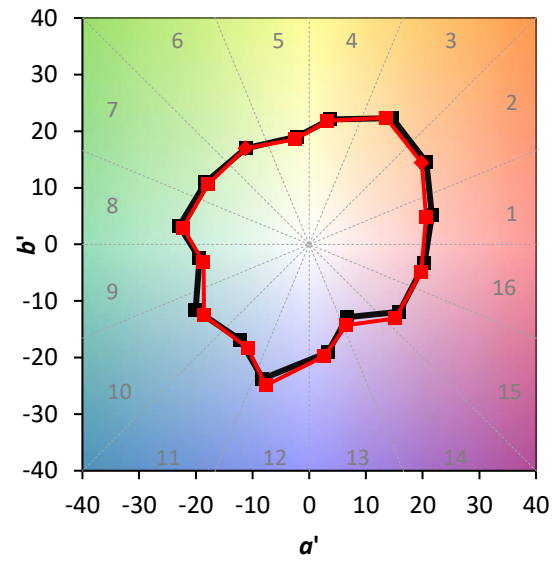
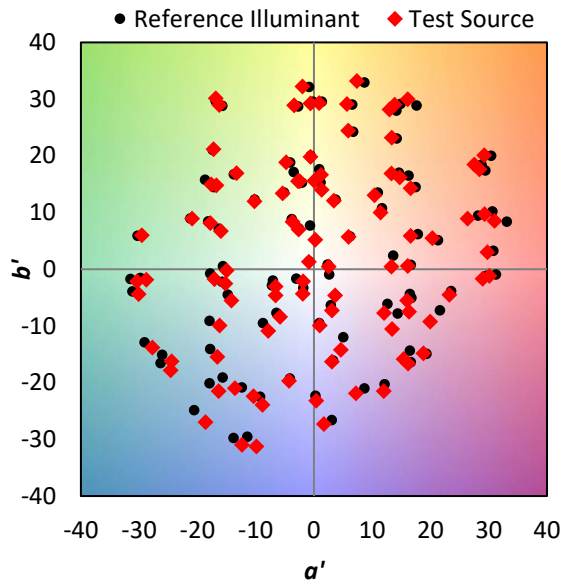
TM-30-18

Summary

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

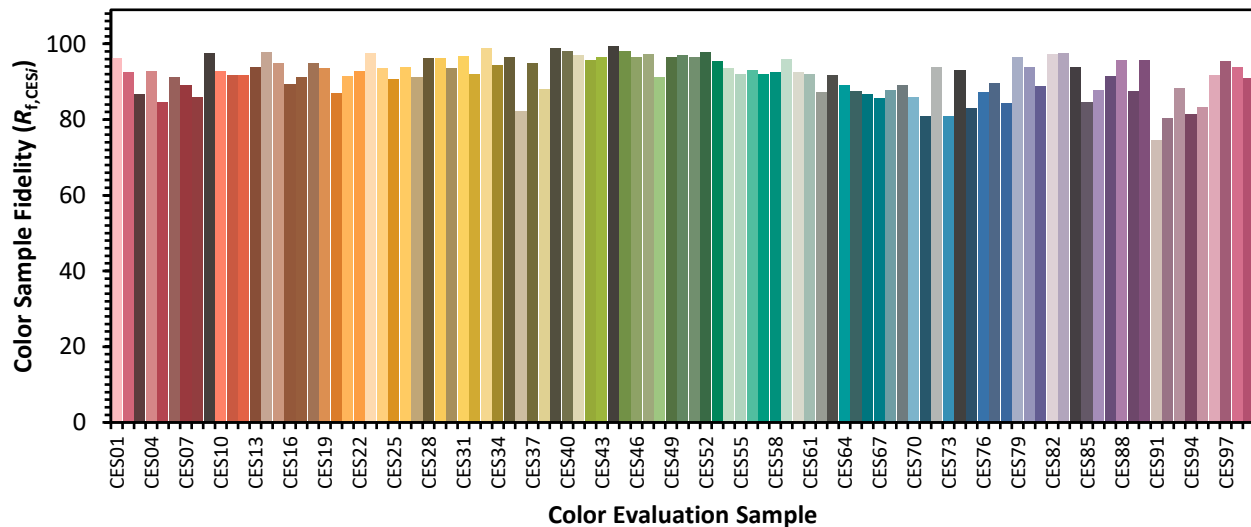


Color Vector Graphics

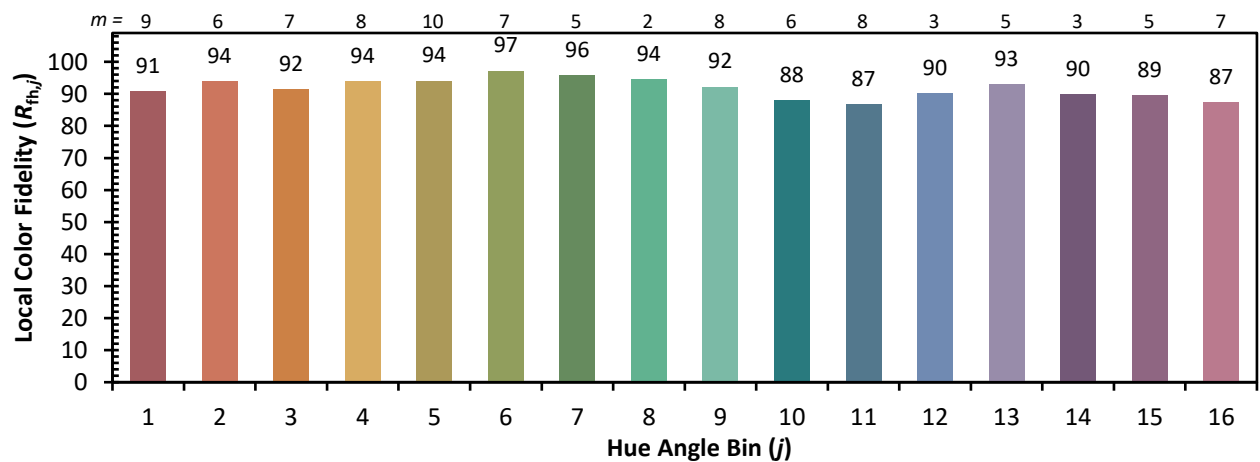
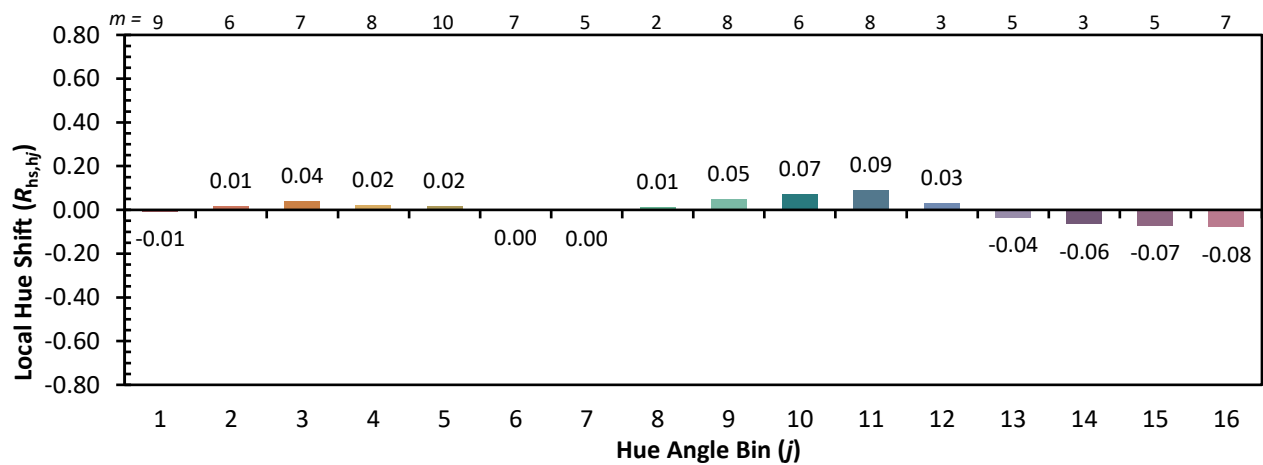
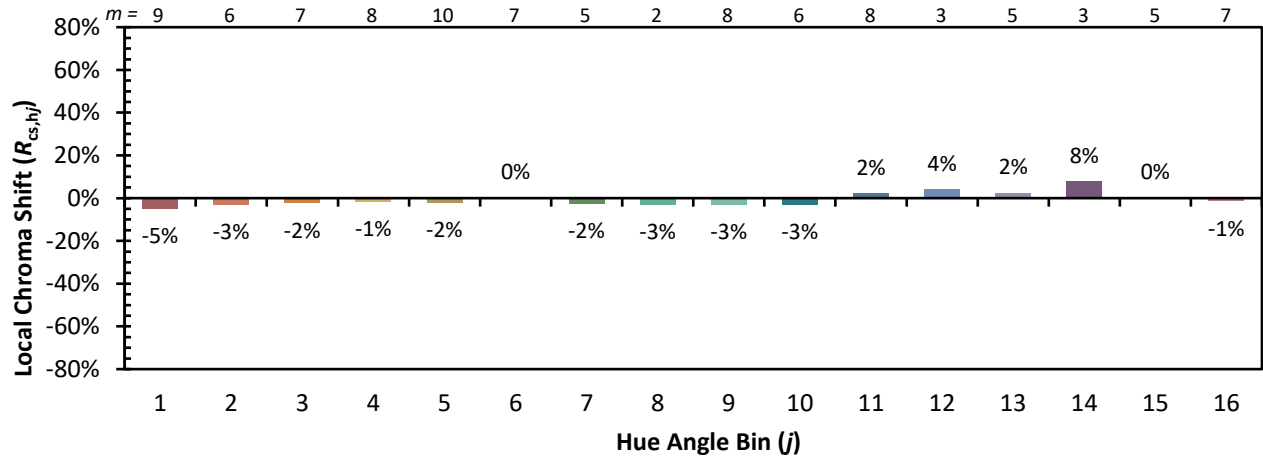


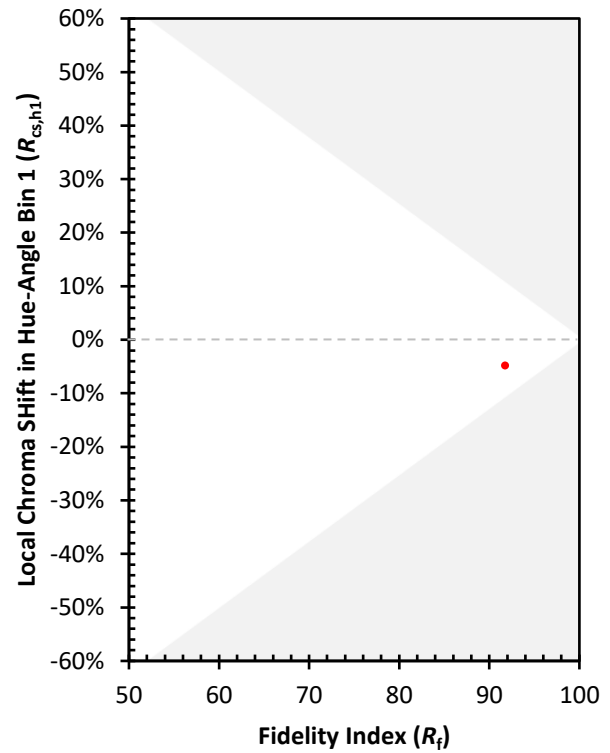
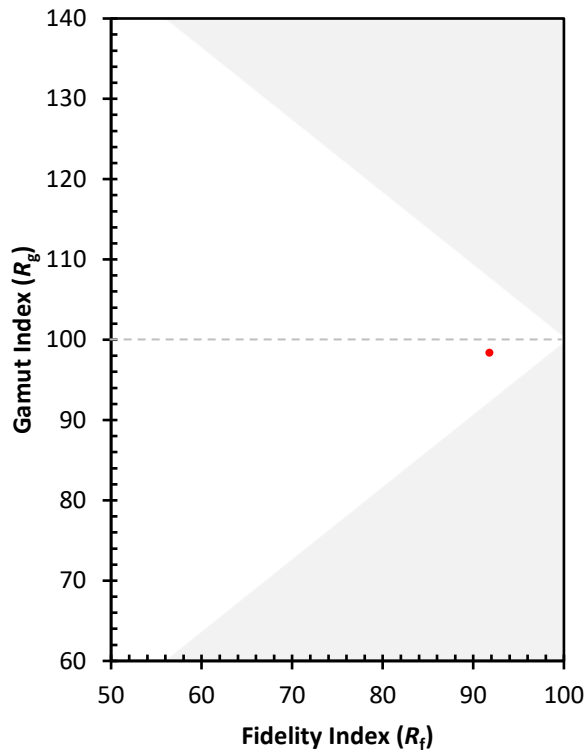
Individual Sample Fidelity Index ($R_{f,i}$)

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)