

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: P1048194

Luminaire Tested: **GALN-SA8B-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048194
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26076 lumens
Efficiency: N/A
Efficacy: 92.2 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): 282.8
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

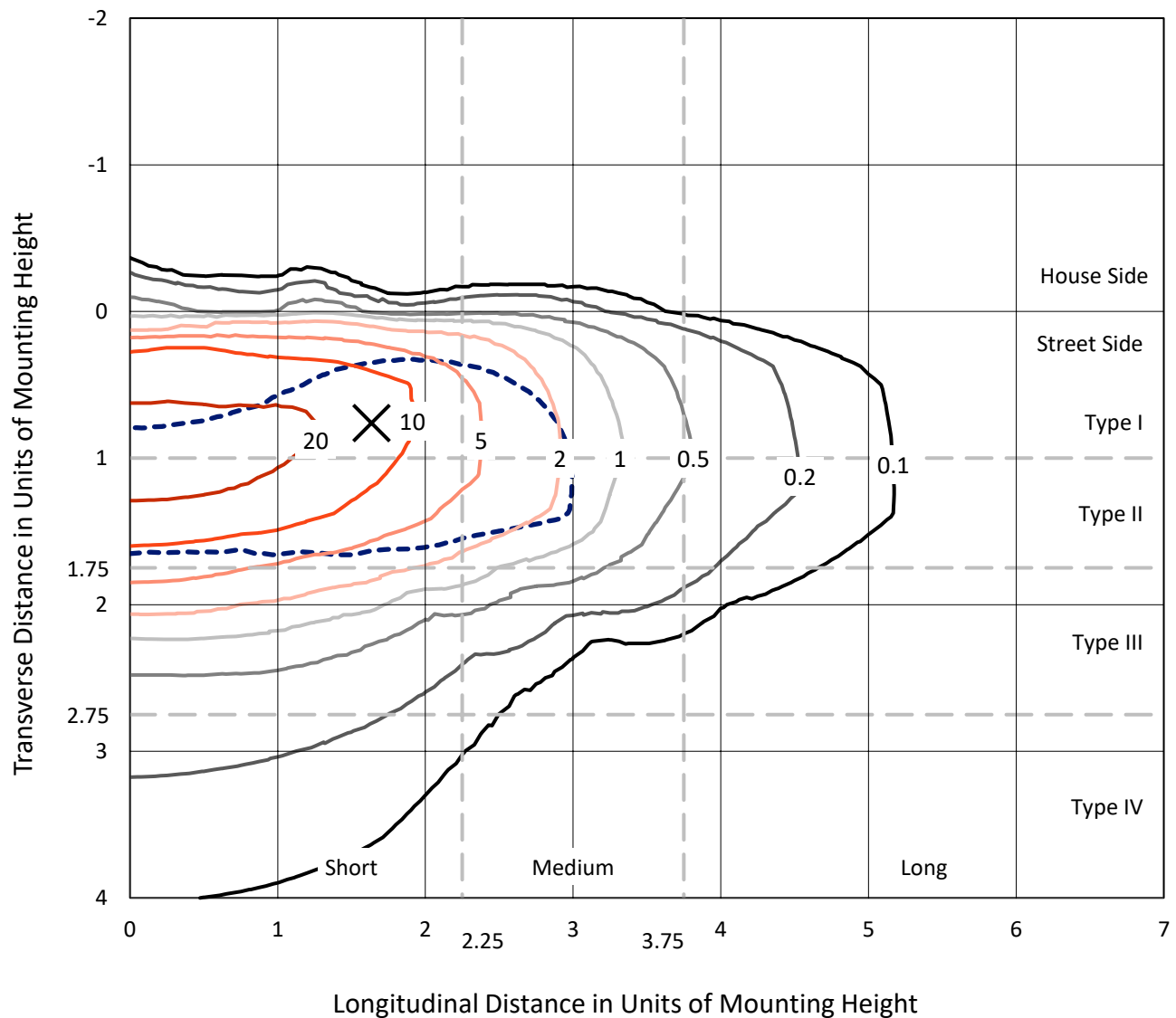


REPORT NUMBER: P1048194

CATALOG NUMBER: GALN-SA8B-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

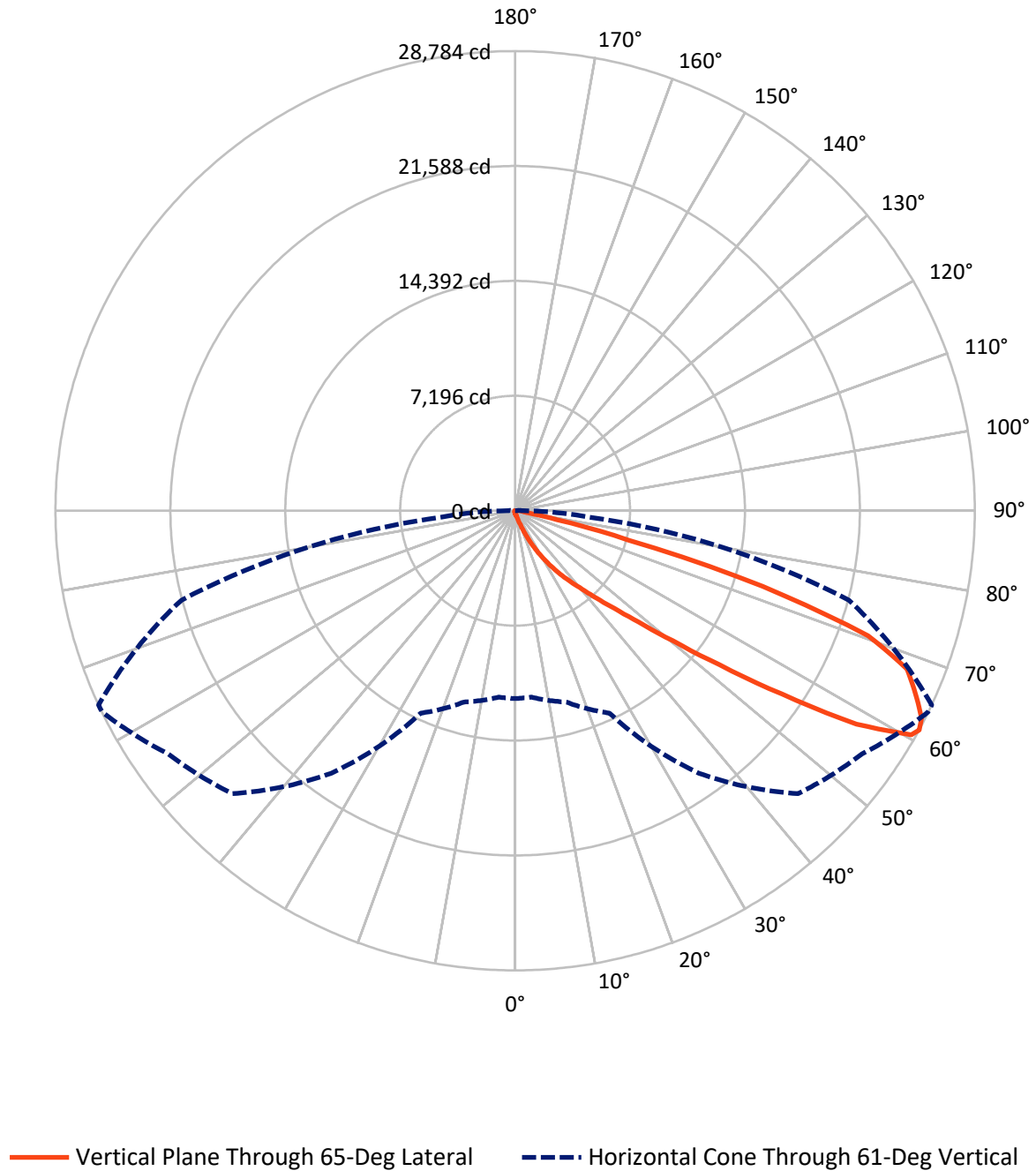


Based on 15 foot mounting height. Maximum calculated value = 34.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1048194

CATALOG NUMBER: GALN-SA8B-940-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048194

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	111.3	0.0	111.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25964.7	0.0	25964.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	26076.0	0.0	26076.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	0.1
10°-20°	214.4	0.8
20°-30°	769.5	3.0
30°-40°	2048.8	7.9
40°-50°	5382.2	20.6
50°-60°	8338.1	32.0
60°-70°	6991.4	26.8
70°-80°	2057.4	7.9
80°-90°	253.8	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°	26076.0	100.0
0°-180°	26076.0	100.0



REPORT NUMBER: P1048194

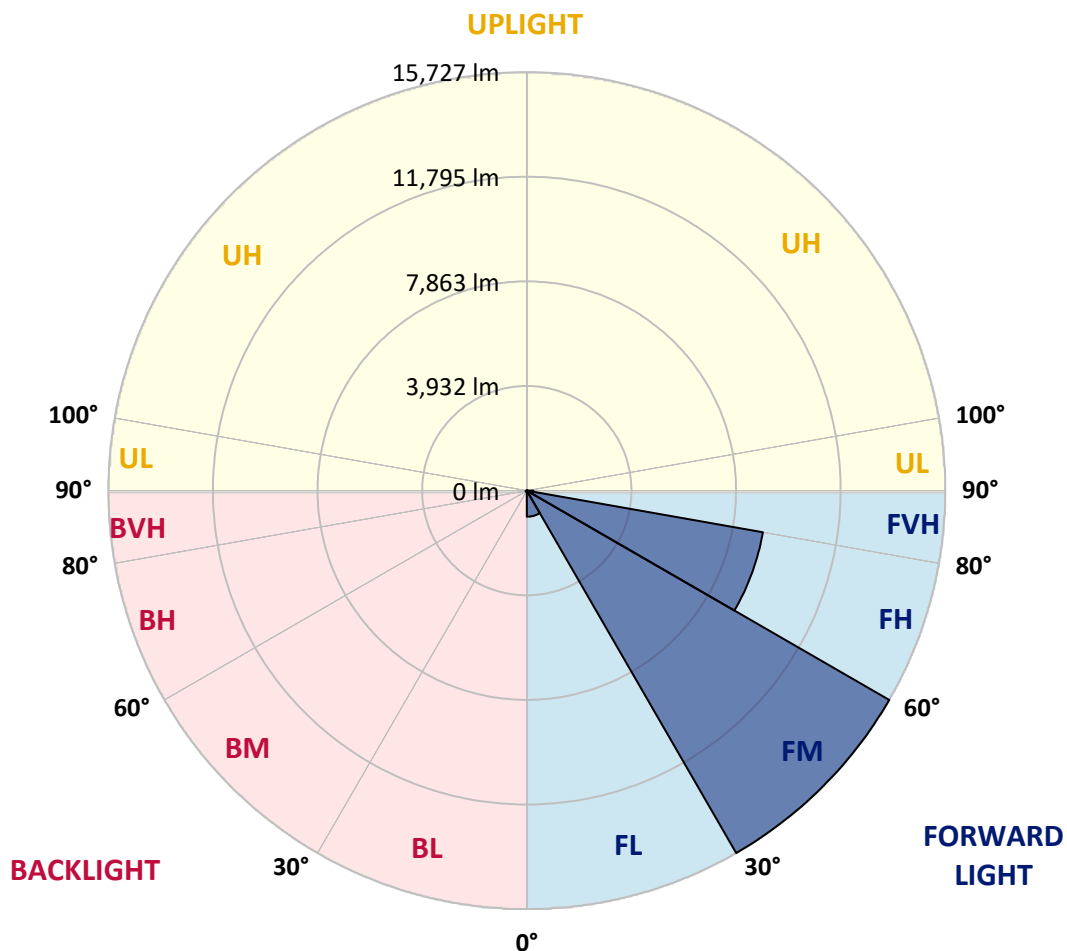
CATALOG NUMBER: GALN-SA8B-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	979.3	3.8			
FM	(30°-60°)	15726.8	60.3			
FH	(60°-80°)	9009.5	34.6			G4/12000
FVH	(80°-90°)	249.1	1.0			G3/500
BL	(0°-30°)	25.0	0.1	B0/110		
BM	(30°-60°)	42.4	0.2	B0/220		
BH	(60°-80°)	39.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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: P1048194

CATALOG NUMBER: GALN-SA8B-940-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6
2.5°	193.7	195.5	191.9	184.8	179.4	179.4	177.6	172.2	172.2	166.8	163.2
5°	270.9	267.3	260.1	245.7	233.2	220.6	208.1	195.5	193.7	177.6	166.8
7.5°	443.1	446.6	423.3	378.5	340.8	292.4	247.5	220.6	217.0	190.1	168.6
10°	972.2	945.3	891.5	717.5	590.1	444.8	330.0	256.5	252.9	204.5	172.2
12.5°	1772.2	1750.7	1652.0	1472.7	1144.4	796.4	482.5	317.5	306.7	217.0	174.0
15°	2554.3	2520.2	2466.4	2285.2	1901.4	1427.8	789.2	434.1	405.4	235.0	172.2
17.5°	3053.0	3058.3	3009.9	2932.8	2685.2	2113.0	1363.2	647.5	591.9	267.3	168.6
20°	3488.8	3476.3	3503.2	3461.9	3287.9	2871.8	1983.9	1026.0	931.0	319.3	170.4
22.5°	3991.1	4021.6	4041.3	4032.3	3840.4	3485.3	2688.8	1535.4	1415.3	414.4	175.8
25°	4663.7	4660.2	4662.0	4638.6	4452.1	4057.5	3395.6	2168.6	2046.7	568.6	188.3
27.5°	5368.7	5390.2	5399.2	5314.9	5070.9	4683.5	4050.3	2861.0	2717.5	816.2	204.5
30°	6331.9	6314.0	6272.7	6100.5	5804.6	5323.8	4696.0	3587.5	3436.8	1162.3	229.6
32.5°	7630.6	7610.9	7402.8	7022.5	6579.5	5991.1	5345.4	4315.8	4132.8	1594.6	263.7
35°	9770.6	9801.0	9289.8	8305.1	7510.4	6792.9	6064.7	5040.4	4879.0	2127.4	310.3
37.5°	13047.7	12880.9	12186.7	10446.8	8735.6	7793.8	6751.7	5772.3	5632.4	2783.9	371.3
40°	16231.6	16066.6	15865.7	14217.3	10864.7	8897.0	7713.1	6631.5	6450.3	3524.7	461.0
42.5°	19578.8	19487.3	19478.3	18235.3	14750.0	10631.6	8870.1	7637.8	7483.5	4337.3	608.1
45°	21950.1	21858.6	22050.6	22267.6	20041.6	14348.2	10884.5	8945.4	8721.2	5323.8	843.1
47.5°	22269.4	22273.0	22786.0	23465.8	23973.5	20097.2	13567.9	10678.2	10405.5	6735.5	1237.7
50°	21207.5	21248.8	22064.9	23281.1	24647.9	24920.6	18299.8	13193.0	12789.4	8409.1	1797.3
52.5°	19185.9	19232.6	20369.8	22369.8	24027.3	26079.3	23871.2	16482.8	16018.2	10497.0	2586.6
55°	17365.3	17394.0	18698.0	21225.4	23279.3	25449.7	27178.9	20875.7	20265.8	13065.7	3365.1
57.5°	15562.6	15496.2	16344.6	19238.0	23151.9	24676.6	27666.8	25882.0	25209.4	15872.9	3971.4
60°	13151.8	13040.6	13722.2	15562.6	21476.6	25184.2	26753.8	28651.6	28499.1	19781.5	4439.5
61°	11765.2	11718.6	12403.8	13982.3	20066.7	25055.1	26534.9	28768.2	28784.3	21630.8	4649.4
62.5°	8401.9	8534.7	9582.2	11634.3	16807.4	24217.4	26563.6	28407.6	28567.3	24088.3	5192.9
65°	3734.6	3948.0	4762.4	6432.4	9774.1	20145.6	26308.9	27616.6	27537.6	24762.7	7065.6
67.5°	2215.3	2247.6	2653.0	3644.9	5176.8	10836.0	23216.5	26570.8	26465.0	21557.3	8791.2
70°	1745.3	1761.5	1890.6	2287.0	3004.5	4150.7	13250.4	22988.7	23449.7	17480.1	8606.4
72.5°	1655.6	1652.0	1670.0	1739.9	1892.4	2059.2	5130.1	15281.0	16219.1	12588.5	7216.3
75°	1634.1	1626.9	1609.0	1582.1	1370.4	1212.6	1589.3	6758.8	7302.4	8601.0	5433.3
77.5°	1585.7	1587.5	1591.1	1517.5	1174.9	857.4	769.5	2168.6	2667.3	5458.4	3861.9
80°	1072.7	1088.8	1115.7	1087.0	1056.5	620.6	543.5	771.3	782.1	3063.7	2550.7
82.5°	543.5	543.5	530.9	473.5	409.0	403.6	432.3	559.6	566.8	1549.8	1200.0
85°	328.3	346.2	353.4	321.1	294.2	270.9	330.0	444.8	461.0	600.9	279.8
87.5°	73.5	75.3	82.5	109.4	159.6	217.0	306.7	407.2	414.4	385.7	34.1
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: P1048194

CATALOG NUMBER: GALN-SA8B-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6
2.5°	161.4	157.8	156.1	150.7	145.3	139.9	136.3	134.5	136.3	138.1	138.1
5°	159.6	154.3	145.3	136.3	129.1	122.0	114.8	113.0	113.0	114.8	114.8
7.5°	159.6	150.7	138.1	127.4	116.6	105.8	100.4	96.9	98.7	98.7	98.7
10°	159.6	148.9	132.7	116.6	104.0	91.5	82.5	78.9	78.9	78.9	78.9
12.5°	157.8	147.1	127.4	107.6	89.7	75.3	64.6	59.2	61.0	61.0	61.0
15°	154.3	141.7	120.2	91.5	71.7	57.4	46.6	41.3	43.0	46.6	48.4
17.5°	148.9	136.3	107.6	77.1	57.4	43.0	32.3	28.7	30.5	35.9	35.9
20°	147.1	130.9	95.1	62.8	43.0	30.5	21.5	17.9	19.7	26.9	28.7
22.5°	147.1	127.4	86.1	52.0	32.3	19.7	12.6	7.2	7.2	12.6	12.6
25°	148.9	125.6	78.9	43.0	23.3	14.3	7.2	3.6	7.2	19.7	23.3
27.5°	152.5	123.8	75.3	35.9	17.9	12.6	5.4	12.6	21.5	21.5	21.5
30°	156.1	120.2	70.0	30.5	16.1	9.0	9.0	17.9	17.9	21.5	23.3
32.5°	161.4	118.4	66.4	26.9	12.6	7.2	12.6	10.8	10.8	12.6	14.3
35°	172.2	120.2	62.8	26.9	12.6	9.0	10.8	5.4	3.6	3.6	3.6
37.5°	186.5	122.0	57.4	23.3	10.8	10.8	5.4	0.0	0.0	0.0	0.0
40°	209.9	127.4	53.8	21.5	9.0	9.0	1.8	0.0	0.0	0.0	0.0
42.5°	249.3	138.1	52.0	19.7	9.0	7.2	0.0	0.0	0.0	0.0	0.0
45°	328.3	163.2	48.4	17.9	9.0	3.6	0.0	0.0	0.0	0.0	0.0
47.5°	471.8	222.4	46.6	14.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	688.8	301.3	44.8	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	878.9	317.5	30.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	900.5	218.8	23.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	717.5	141.7	19.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	543.5	107.6	17.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	522.0	96.9	17.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	575.8	84.3	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	936.3	70.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1626.9	61.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2055.6	57.4	10.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1792.0	52.0	10.8	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	1078.0	44.8	10.8	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	565.0	34.1	10.8	9.0	5.4	1.8	0.0	0.0	0.0	0.0	0.0
80°	274.4	30.5	12.6	9.0	7.2	3.6	0.0	0.0	0.0	0.0	0.0
82.5°	107.6	25.1	14.3	12.6	9.0	5.4	1.8	0.0	0.0	0.0	0.0
85°	48.4	21.5	16.1	14.3	12.6	7.2	1.8	0.0	0.0	0.0	0.0
87.5°	25.1	19.7	17.9	16.1	12.6	9.0	3.6	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

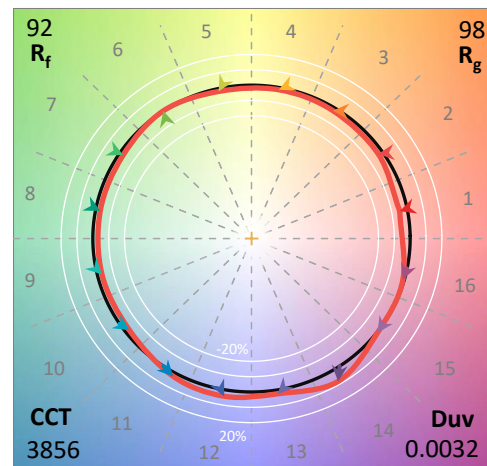
Test Information

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

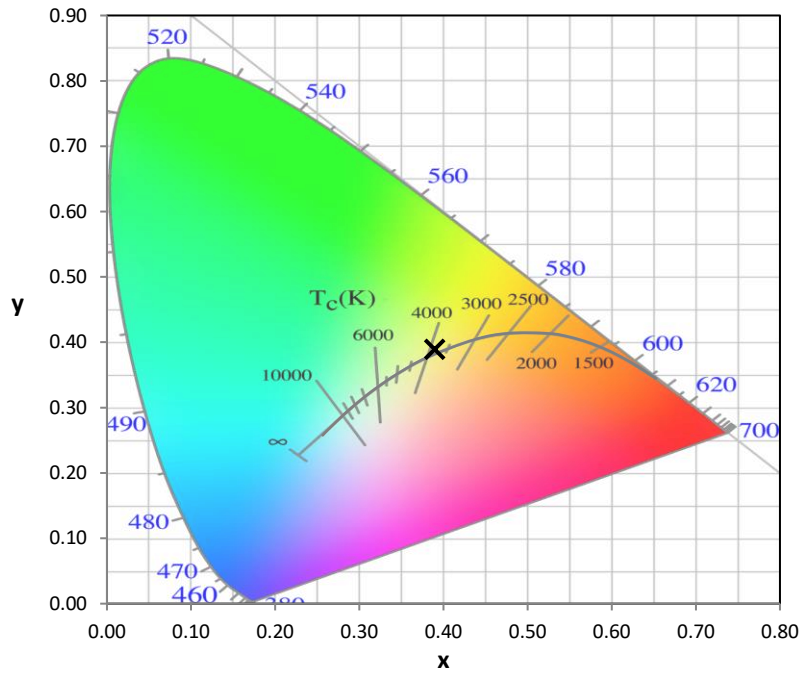
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

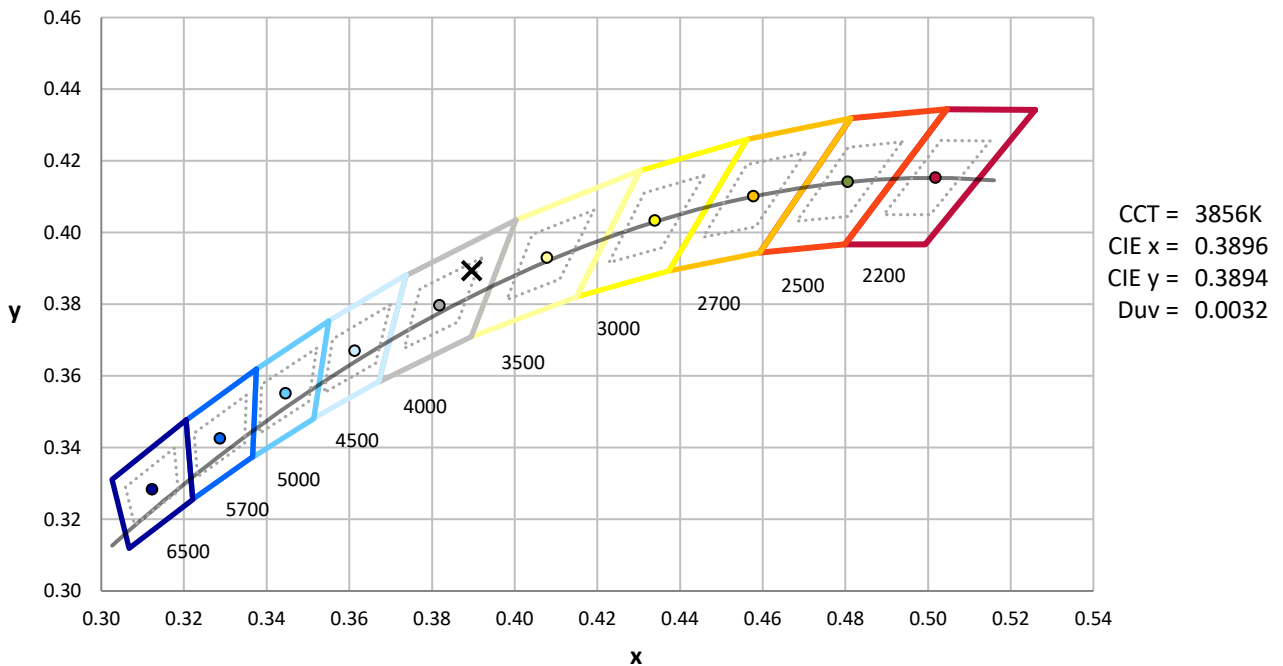
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



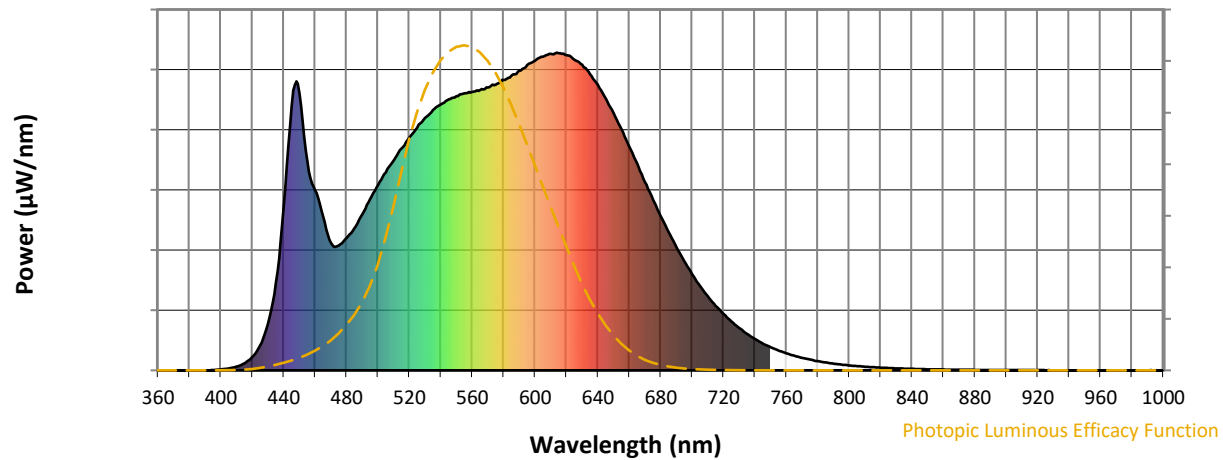
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

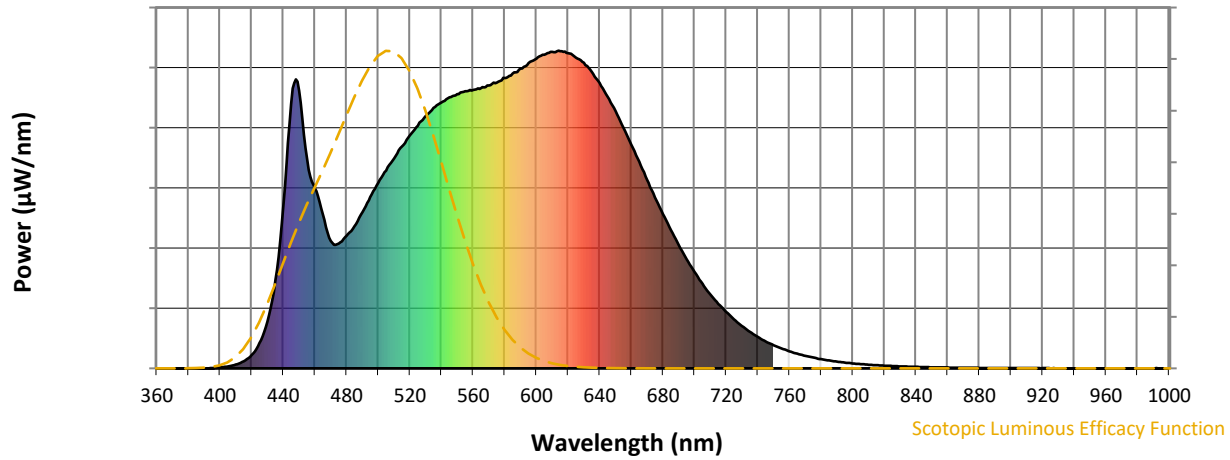


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



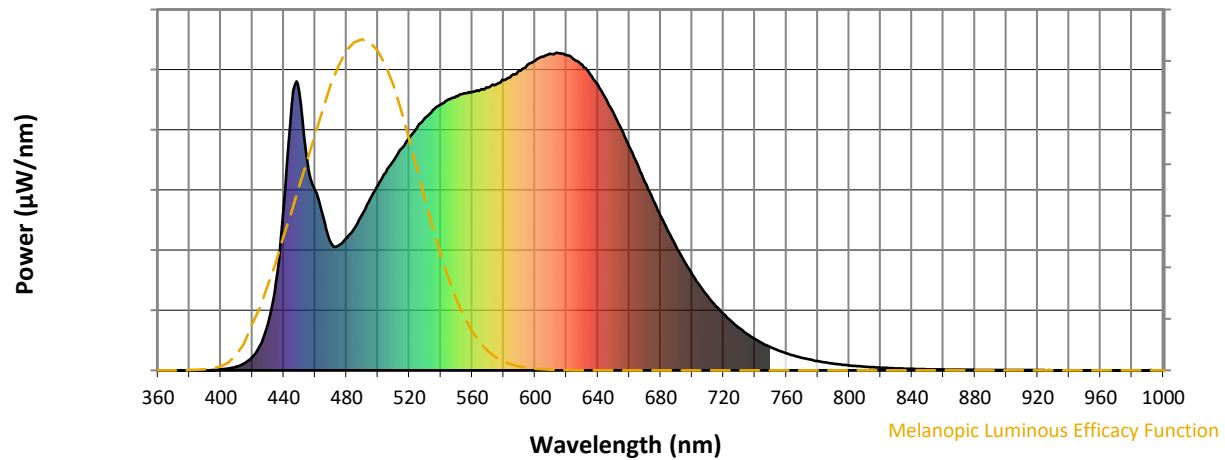
Scotopic Lumens: NR

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

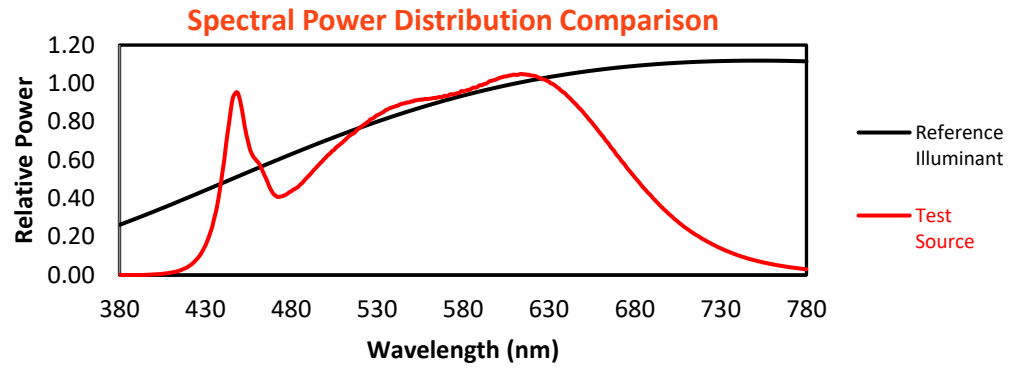
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492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

REPORT NUMBER: SP1-2407-184-16

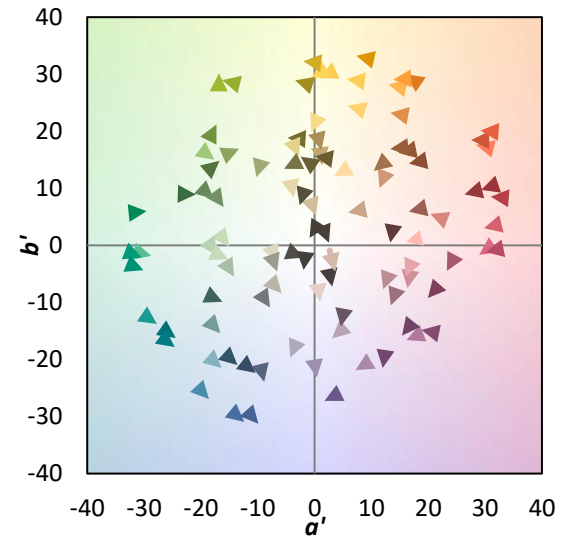
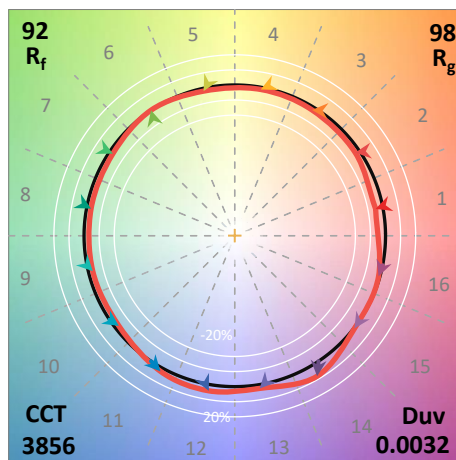
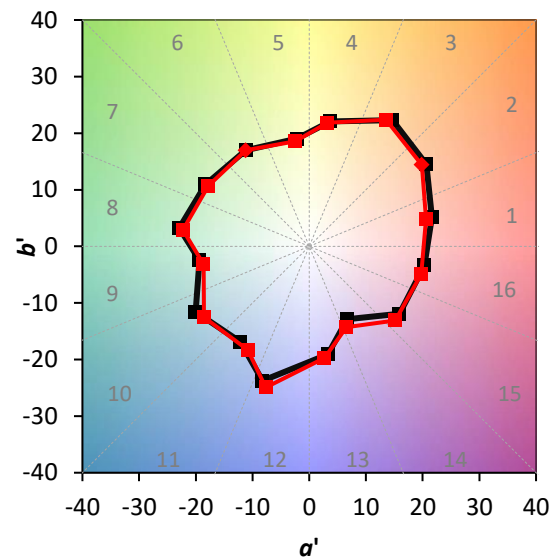
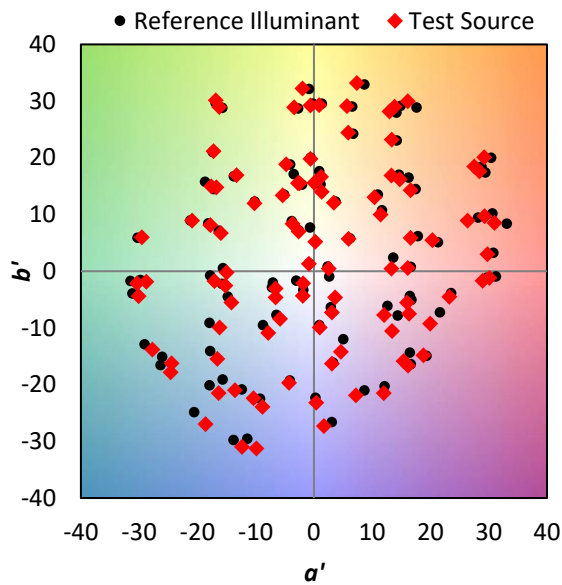
TM-30-18

Summary

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

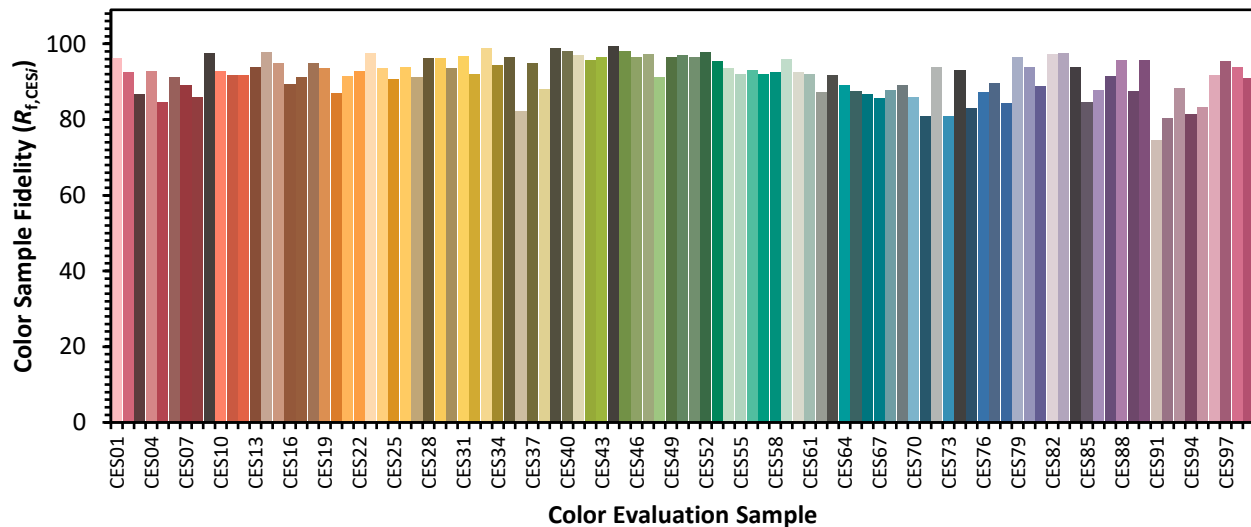


Color Vector Graphics

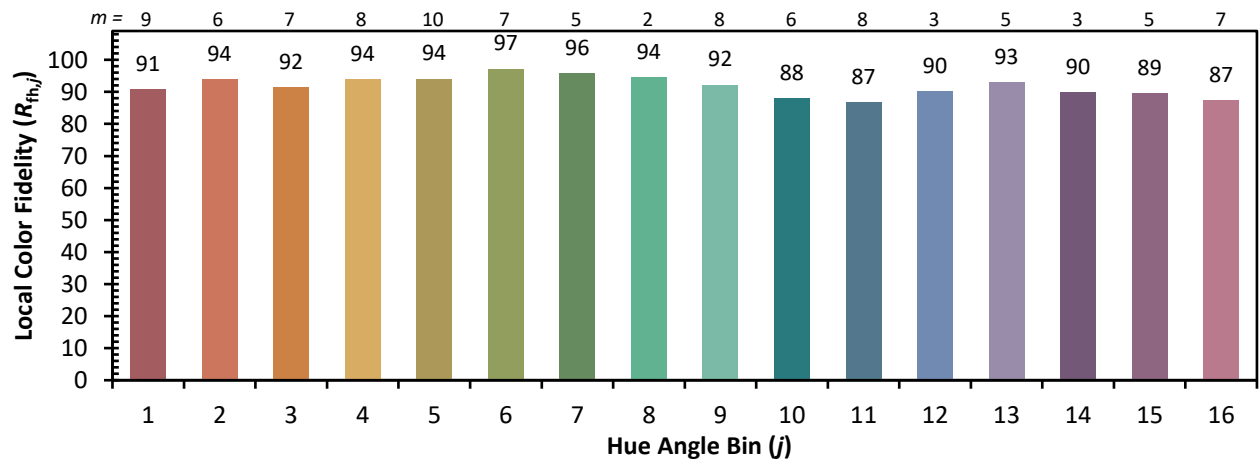
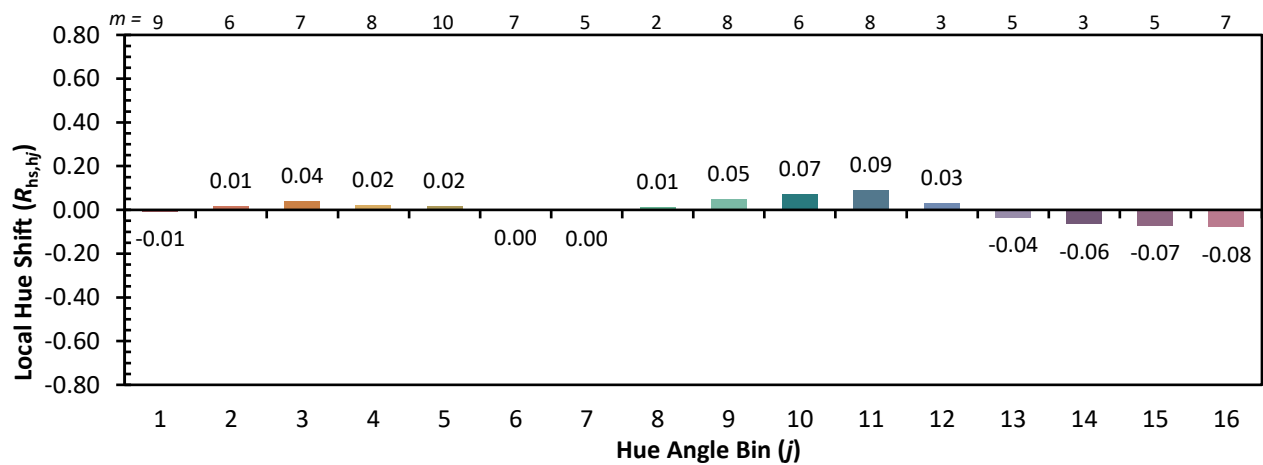
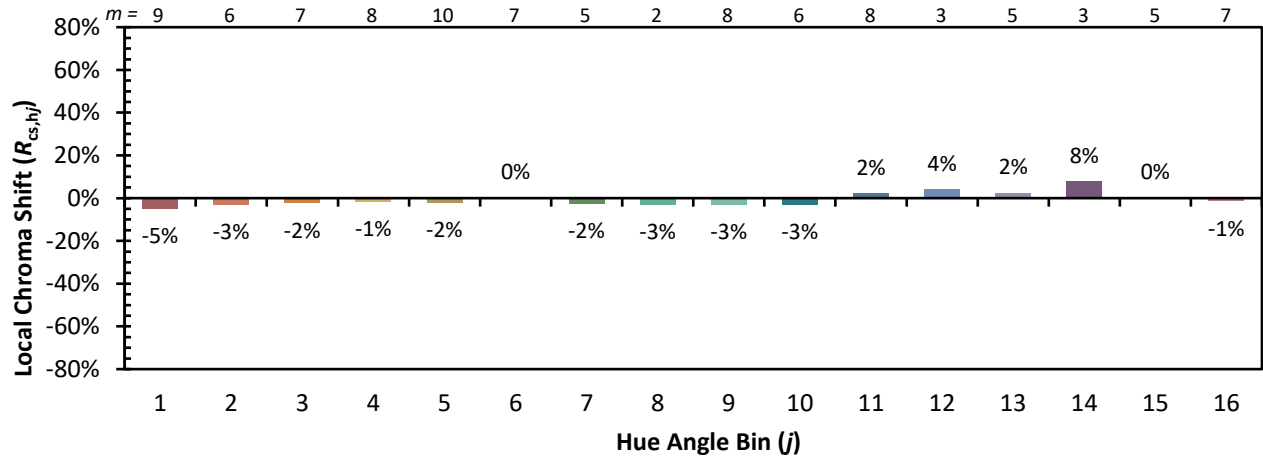


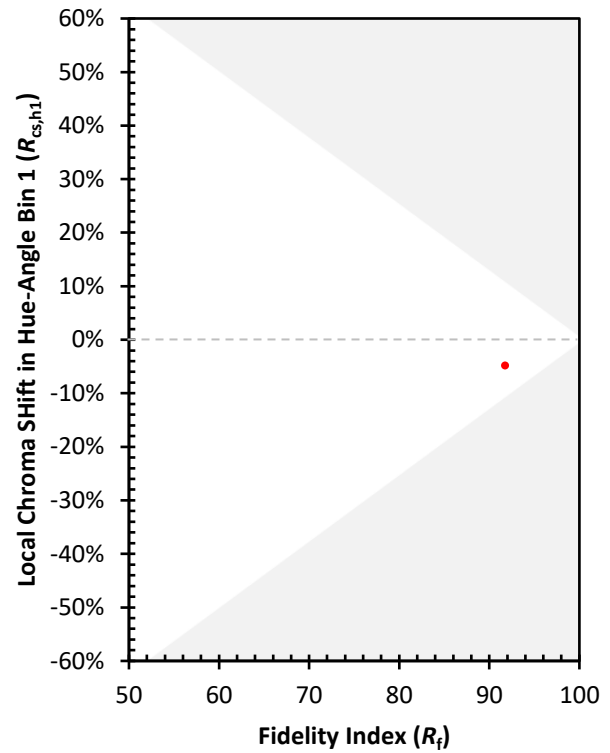
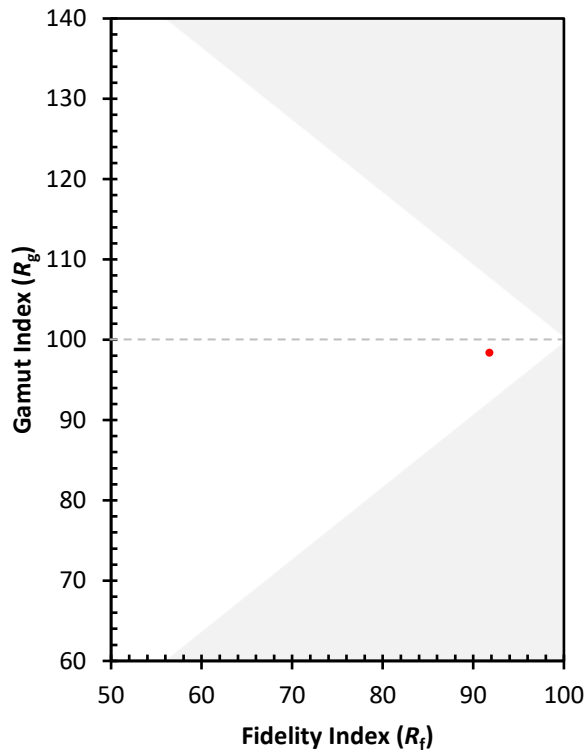
Individual Sample Fidelity Index ($R_{f,i}$)

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)