

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: P1048790

Luminaire Tested: **GALN-SA4B-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048790
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13362.2 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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

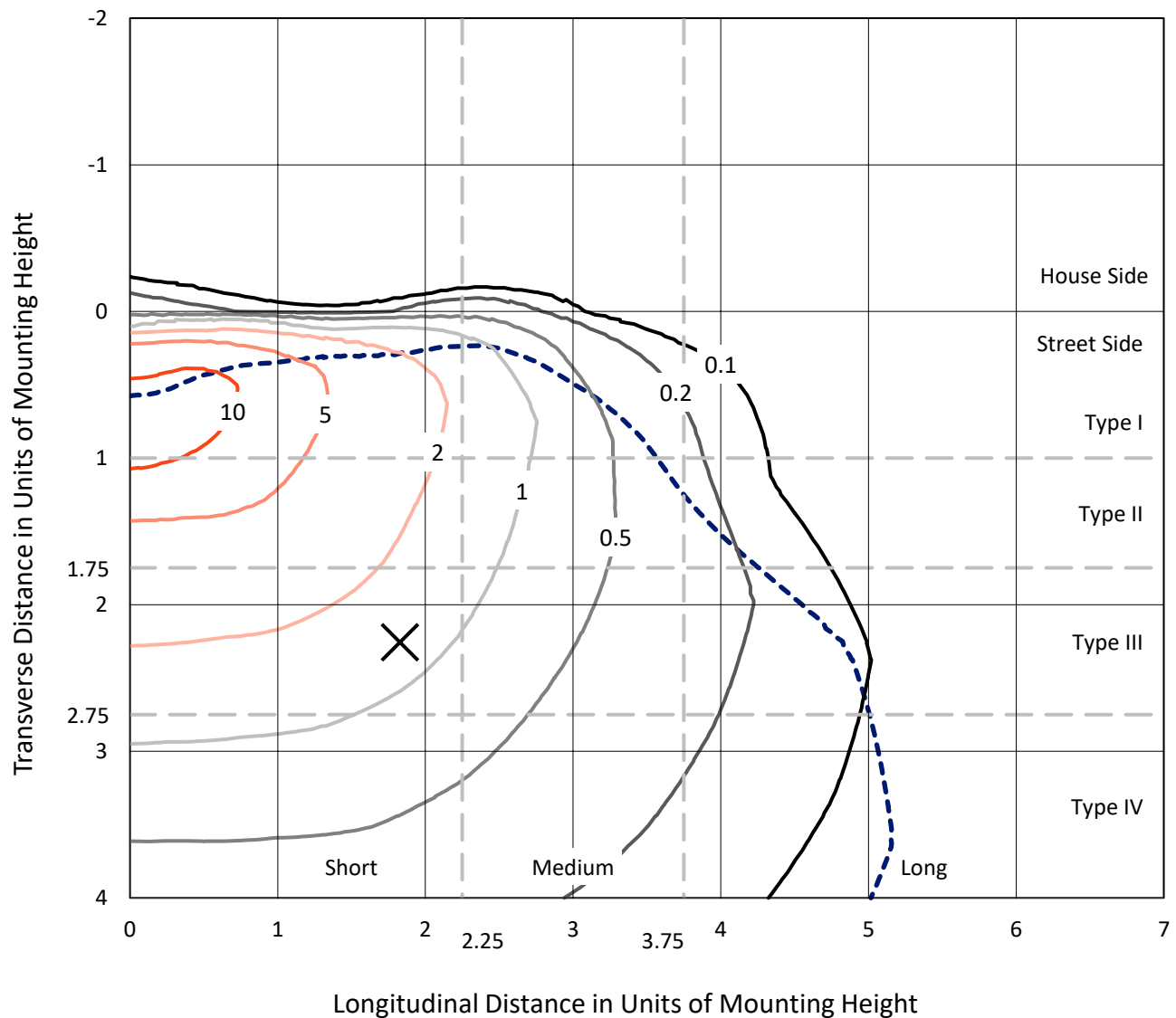


REPORT NUMBER: P1048790

CATALOG NUMBER: GALN-SA4B-940-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

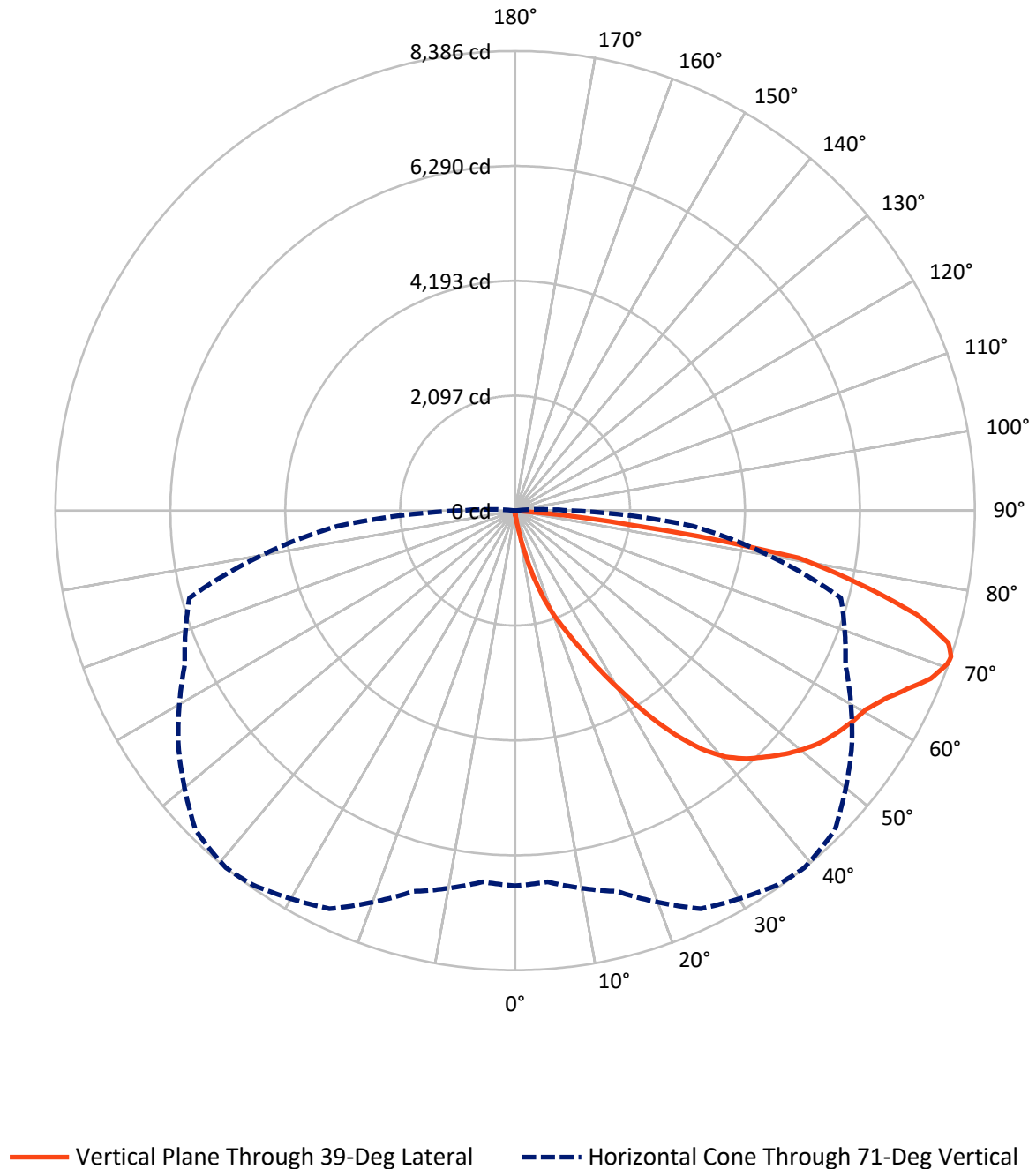


Based on 15 foot mounting height. Maximum calculated value = 13.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048790

CATALOG NUMBER: GALN-SA4B-940-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048790

CATALOG NUMBER: GALN-SA4B-940-U-T4BC

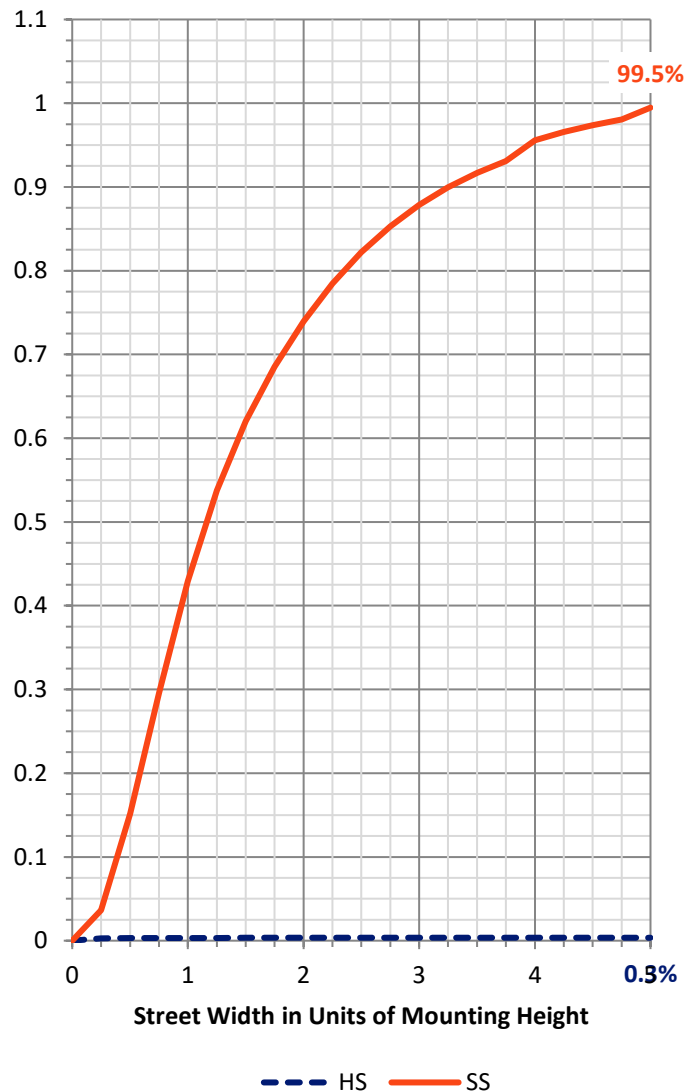
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.5	0.0	47.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13314.7	0.0	13314.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	13362.2	0.0	13362.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.1
10°-20°	142.8	1.1
20°-30°	508.6	3.8
30°-40°	1225.8	9.2
40°-50°	2051.4	15.4
50°-60°	2634.8	19.7
60°-70°	3334.4	25.0
70°-80°	2972.7	22.2
80°-90°	480.5	3.6
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°	13362.2	100.0
0°-180°	13362.2	100.0



REPORT NUMBER: P1048790

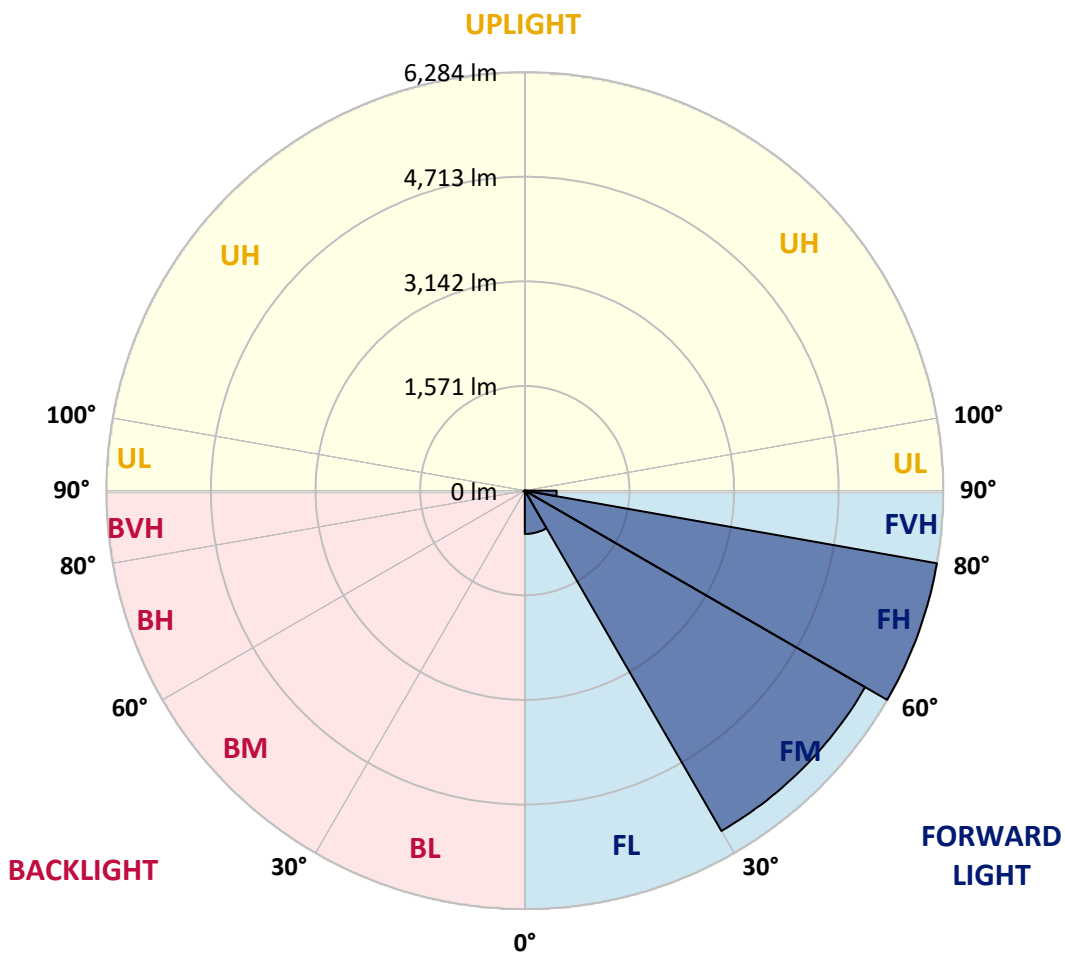
CATALOG NUMBER: GALN-SA4B-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	651.1	4.9			
FM	(30°-60°)	5901.0	44.2			
FH	(60°-80°)	6284.3	47.0			G3/7500
FVH	(80°-90°)	478.3	3.6			G3/500
BL	(0°-30°)	11.5	0.1	B0/110		
BM	(30°-60°)	11.0	0.1	B0/220		
BH	(60°-80°)	22.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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-G3

Type IV Short





REPORT NUMBER: P1048790

CATALOG NUMBER: GALN-SA4B-940-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2.5°	84.1	84.1	84.1	81.4	81.4	80.5	79.6	79.6	77.8	76.9	75.1
5°	127.5	124.8	118.5	114.9	107.6	103.1	98.6	92.3	85.9	81.4	76.0
7.5°	288.6	294.9	274.1	235.2	195.4	178.2	149.3	120.3	99.5	85.9	76.9
10°	735.4	731.8	661.2	583.4	450.5	397.1	311.2	196.3	128.4	94.1	77.8
12.5°	1251.0	1247.4	1164.2	1058.3	882.8	771.6	608.8	366.3	184.5	106.7	77.8
15°	1684.3	1669.8	1643.6	1538.6	1333.3	1240.1	1024.9	647.7	298.5	128.4	79.6
17.5°	1971.0	1958.4	1933.9	1895.9	1765.7	1655.3	1482.6	1017.6	483.0	166.4	83.2
20°	2234.2	2225.2	2205.3	2198.1	2113.9	2055.1	1912.2	1442.8	752.6	226.1	88.6
22.5°	2596.1	2577.1	2585.2	2541.8	2459.5	2388.9	2301.2	1887.8	1081.8	325.6	98.6
25°	3039.3	3030.2	3007.6	2976.9	2862.9	2801.4	2666.6	2307.5	1450.0	455.9	109.5
27.5°	3574.8	3564.8	3559.4	3488.9	3357.7	3290.8	3102.6	2703.7	1864.3	638.6	123.9
30°	4191.7	4196.2	4160.9	4070.5	3917.6	3823.5	3630.0	3118.9	2288.5	853.0	139.3
32.5°	4830.3	4821.3	4767.0	4660.3	4523.7	4435.9	4189.9	3573.9	2733.6	1136.1	157.4
35°	5518.7	5501.5	5358.6	5236.5	5119.8	5009.4	4785.1	4102.1	3178.6	1453.6	181.8
37.5°	6213.4	6132.9	5846.1	5691.4	5610.9	5520.5	5311.5	4665.7	3620.9	1808.2	211.7
40°	6738.0	6675.6	6335.5	6050.5	5986.3	5909.4	5753.9	5152.3	4091.3	2189.0	247.8
42.5°	7028.4	6994.0	6688.3	6406.9	6255.9	6188.0	6055.1	5577.5	4556.2	2609.6	300.3
45°	7152.3	7098.9	6894.5	6763.3	6522.7	6410.6	6252.3	5898.6	5042.0	3087.2	373.6
47.5°	7114.3	7083.5	6937.0	6984.9	6810.4	6635.8	6403.3	6144.6	5457.2	3635.4	474.0
50°	6875.5	6849.3	6804.0	7063.6	7041.9	6835.7	6598.7	6339.1	5796.4	4200.7	629.6
52.5°	6421.4	6410.6	6526.3	7002.1	7173.1	7012.1	6786.9	6511.0	6113.0	4791.4	852.1
55°	5836.2	5880.5	6211.6	6906.3	7240.0	7142.3	6953.3	6672.0	6367.1	5319.7	1180.4
57.5°	5595.6	5607.3	6020.7	6838.4	7269.9	7257.2	7115.2	6825.7	6600.5	5742.1	1681.6
60°	5876.9	5858.8	6076.8	6890.0	7329.6	7360.3	7259.0	6968.7	6803.1	6104.8	2349.1
62.5°	6385.2	6375.3	6444.9	7109.8	7504.2	7566.6	7458.9	7071.8	6982.2	6343.6	3110.8
65°	6839.3	6818.5	6947.9	7499.6	7810.8	7855.1	7761.1	7248.2	7060.9	6517.3	3826.3
67.5°	7035.6	7031.1	7239.1	7870.5	8132.8	8180.8	8098.5	7491.5	7042.8	6572.5	4141.9
70°	6946.1	6928.9	7261.7	8027.9	8314.6	8368.9	8289.3	7582.0	6846.6	6397.9	3674.3
71°	6847.5	6801.3	7193.9	8017.0	8340.0	8386.1	8246.8	7499.6	6649.4	6150.0	3250.1
72.5°	6541.7	6549.9	7007.6	7904.0	8279.4	8265.8	8006.2	7204.8	6411.5	5587.4	2610.5
75°	5789.1	5837.1	6404.2	7429.1	7738.4	7565.7	7168.6	6641.2	5933.9	4006.3	1812.7
77.5°	4730.8	4802.3	5425.5	6515.5	6427.7	6410.6	6394.3	5851.5	5067.3	2151.9	1260.9
80°	2258.7	2413.3	3272.7	4651.2	5052.8	5247.3	5125.2	4715.4	3918.5	1024.9	753.5
82.5°	147.4	145.6	206.2	390.8	1647.2	2129.3	3383.0	3370.4	2731.7	499.3	307.5
85°	69.7	71.5	78.7	89.6	104.0	114.0	157.4	922.6	1307.1	237.9	66.9
87.5°	40.7	41.6	48.8	62.4	81.4	90.5	107.6	138.4	170.1	131.2	14.5
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: P1048790

CATALOG NUMBER: GALN-SA4B-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2.5°	74.2	73.3	70.6	67.8	65.1	63.3	62.4	63.3	63.3	64.2	64.2
5°	74.2	71.5	66.9	61.5	57.9	54.3	52.5	51.6	52.5	52.5	52.5
7.5°	73.3	68.7	62.4	56.1	51.6	47.0	45.2	44.3	44.3	45.2	45.2
10°	71.5	66.9	58.8	51.6	46.1	40.7	38.0	35.3	35.3	35.3	36.2
12.5°	70.6	64.2	54.3	47.0	39.8	33.5	28.0	25.3	26.2	26.2	26.2
15°	68.7	61.5	51.6	42.5	33.5	25.3	20.8	18.1	19.0	19.9	19.0
17.5°	68.7	60.6	47.9	37.1	26.2	19.0	15.4	13.6	13.6	14.5	14.5
20°	68.7	58.8	45.2	31.7	19.9	14.5	10.9	10.0	10.0	11.8	12.7
22.5°	70.6	58.8	41.6	26.2	16.3	10.9	8.1	7.2	8.1	10.0	10.9
25°	73.3	57.9	38.0	23.5	13.6	8.1	6.3	4.5	5.4	7.2	8.1
27.5°	76.0	57.0	34.4	20.8	10.9	6.3	4.5	3.6	2.7	3.6	3.6
30°	78.7	57.0	30.8	17.2	9.0	4.5	2.7	1.8	0.9	0.0	0.0
32.5°	80.5	55.2	28.0	13.6	7.2	3.6	1.8	0.9	0.0	0.0	0.0
35°	82.3	53.4	24.4	10.9	5.4	2.7	0.9	0.0	0.0	0.0	0.0
37.5°	84.1	50.7	20.8	9.0	4.5	1.8	0.0	0.0	0.0	0.0	0.0
40°	85.9	47.0	17.2	8.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	87.7	44.3	14.5	6.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	92.3	42.5	11.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	100.4	40.7	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	112.2	38.9	10.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	128.4	38.0	9.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	157.4	37.1	8.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	207.1	36.2	8.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	317.5	34.4	8.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	567.2	33.5	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	988.7	34.4	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1417.4	36.2	6.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1213.0	31.7	6.3	3.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	988.7	28.0	6.3	3.6	1.8	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	635.9	21.7	5.4	3.6	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	268.7	18.1	5.4	3.6	2.7	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	114.9	13.6	5.4	4.5	3.6	2.7	2.7	1.8	0.9	0.0	0.0
80°	43.4	10.9	6.3	5.4	4.5	4.5	3.6	1.8	0.9	0.0	0.0
82.5°	19.9	9.0	6.3	5.4	5.4	4.5	3.6	2.7	1.8	0.0	0.0
85°	12.7	8.1	6.3	5.4	5.4	4.5	4.5	2.7	1.8	0.0	0.0
87.5°	10.0	8.1	6.3	6.3	5.4	5.4	3.6	2.7	0.9	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

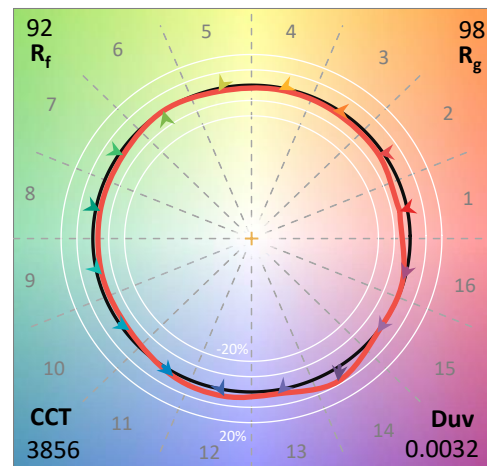
Test Information

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

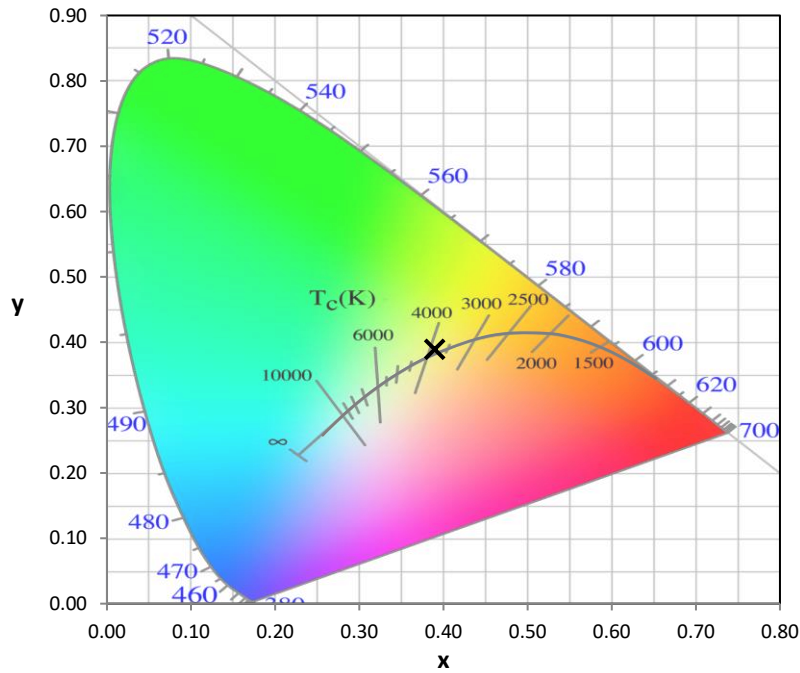
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

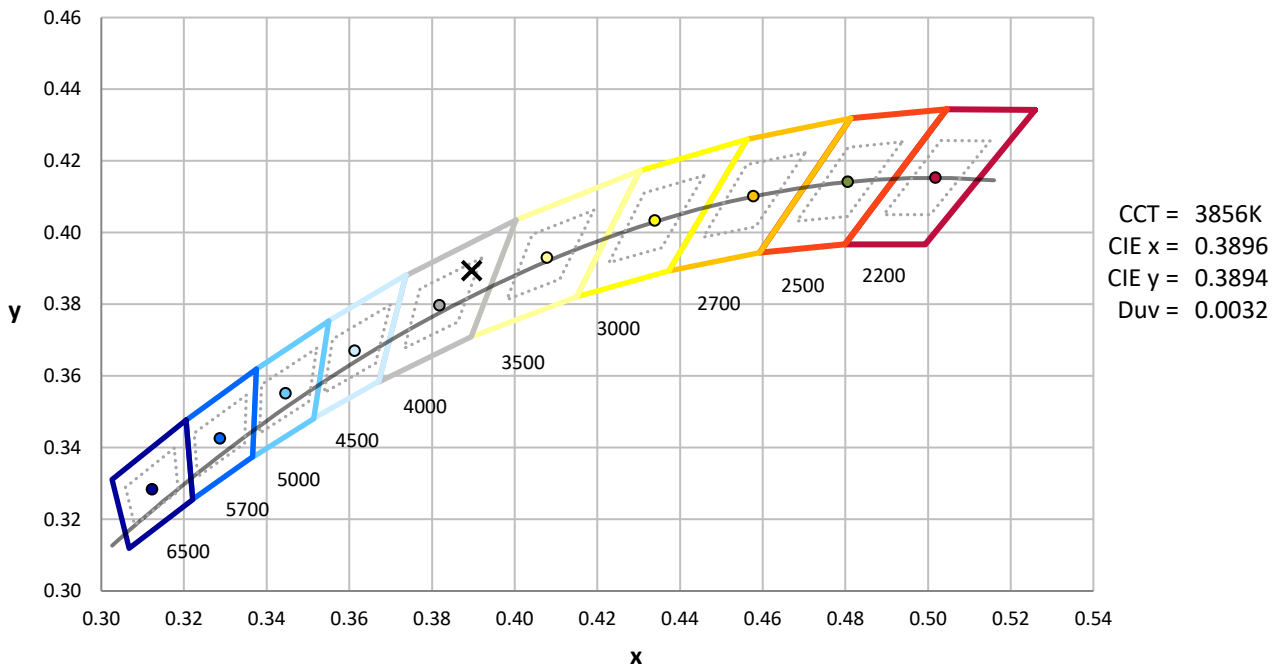
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



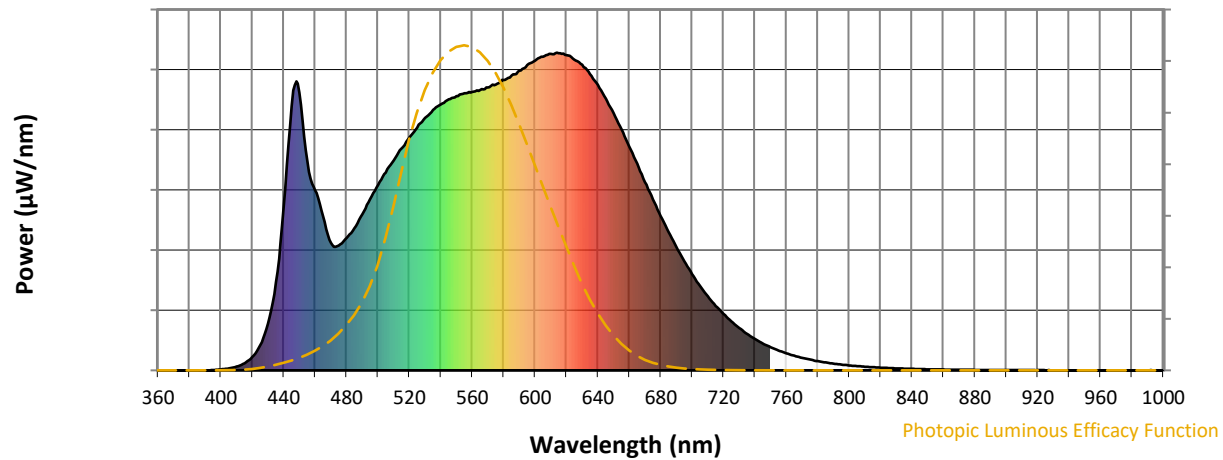
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

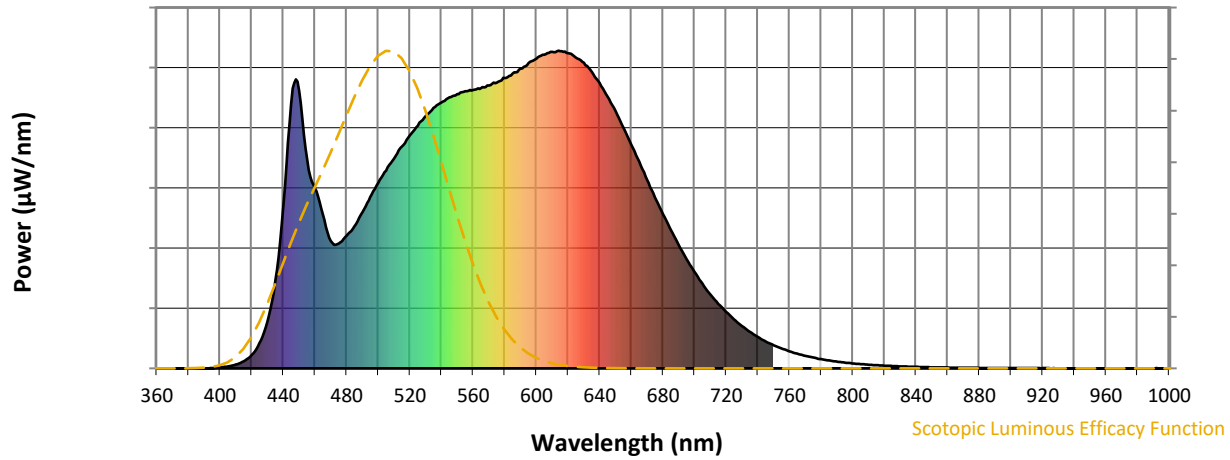


Photopic Lumens: NR

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



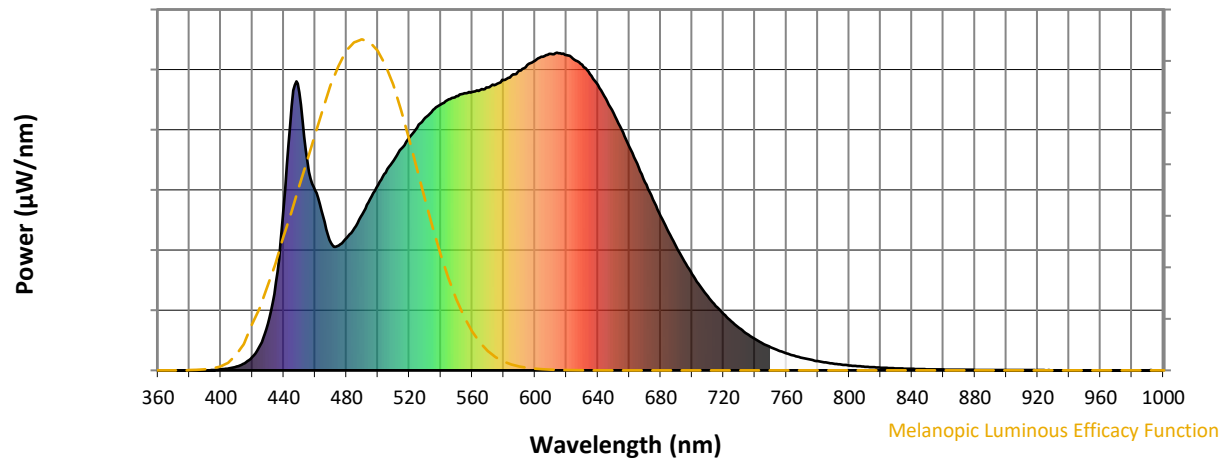
Scotopic Lumens: NR

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

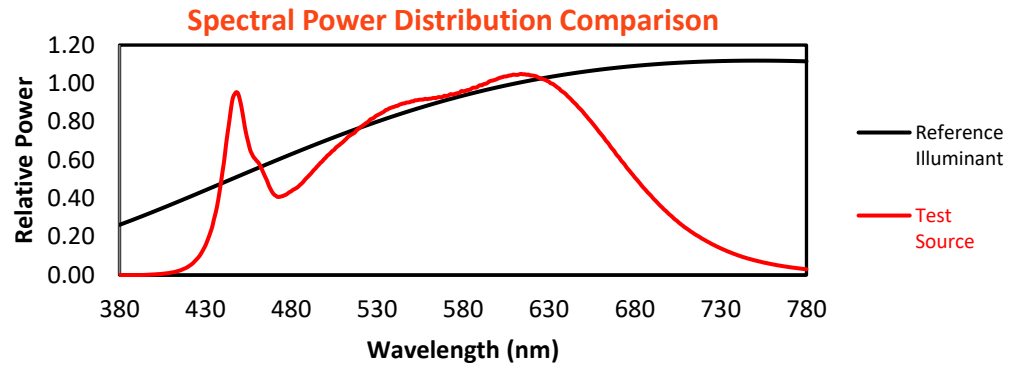
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583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

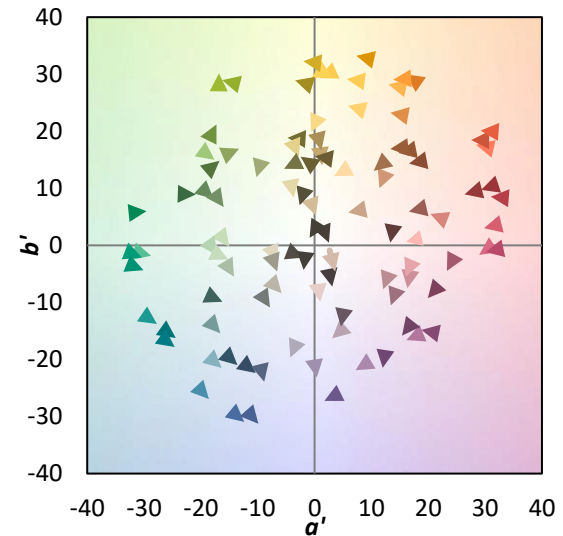
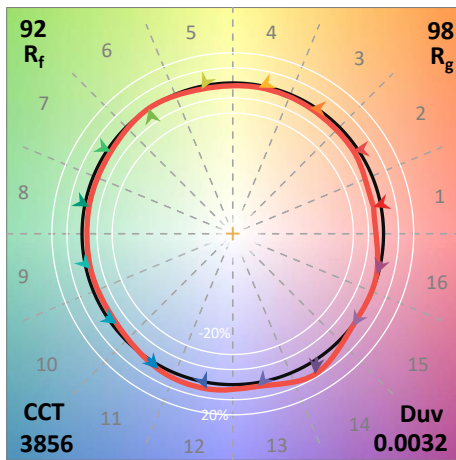
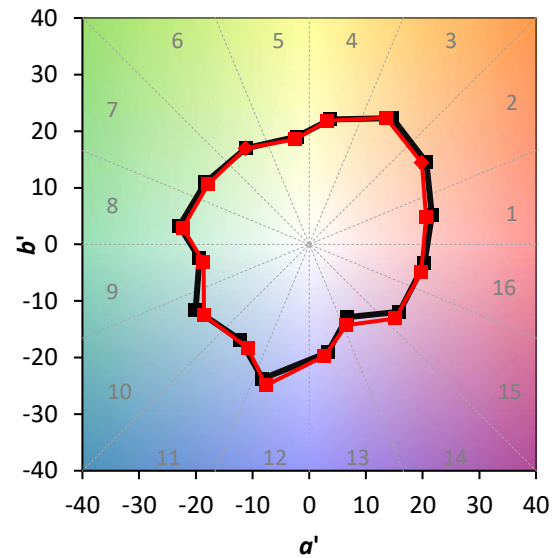
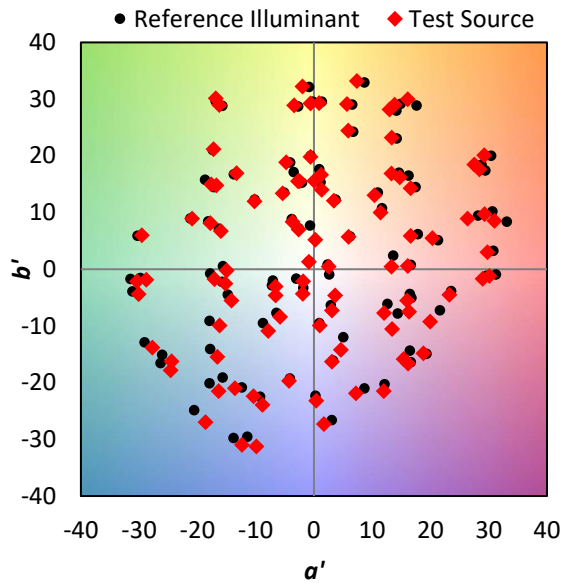
TM-30-18

Summary

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

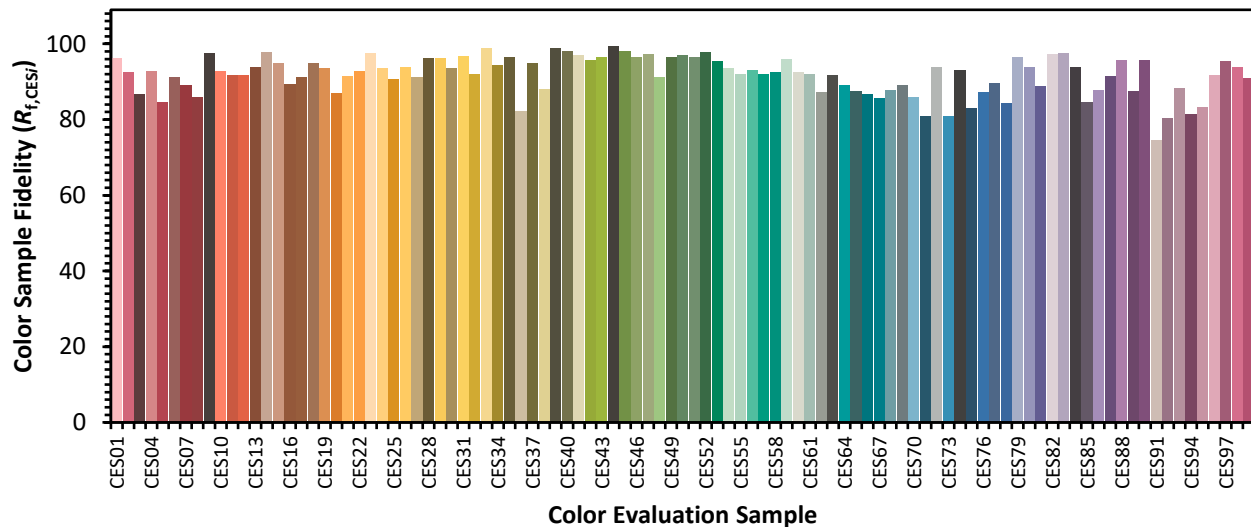


Color Vector Graphics

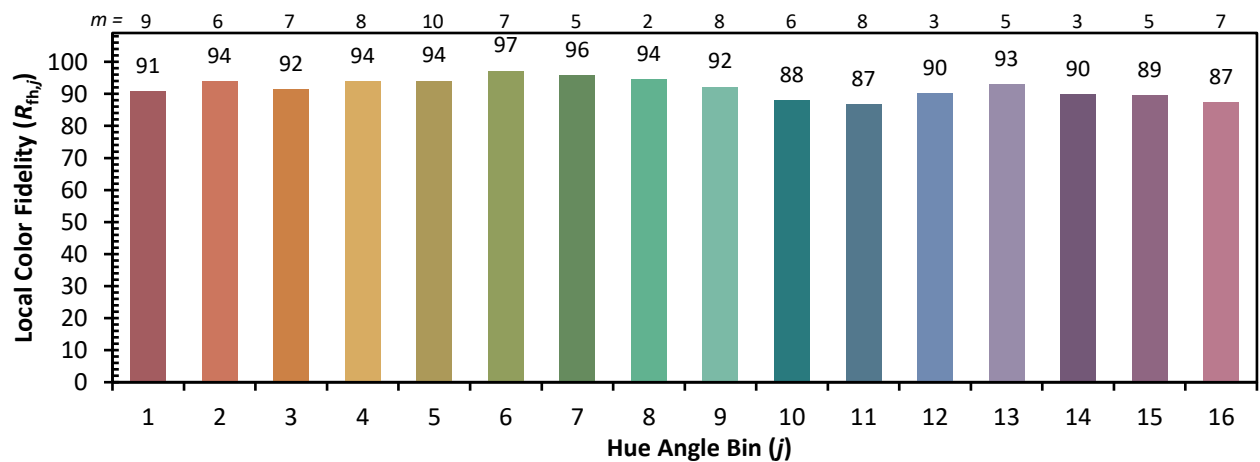
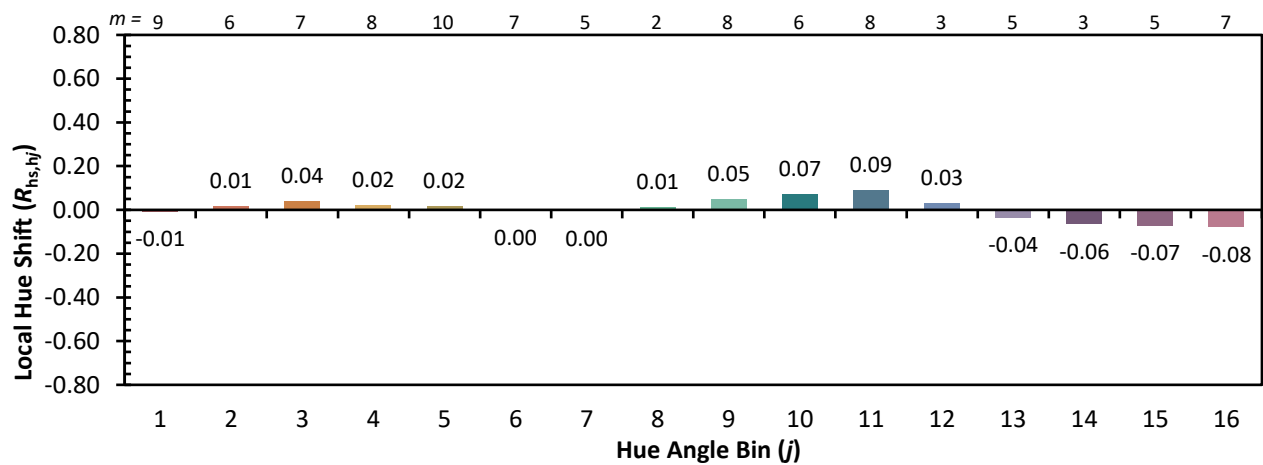
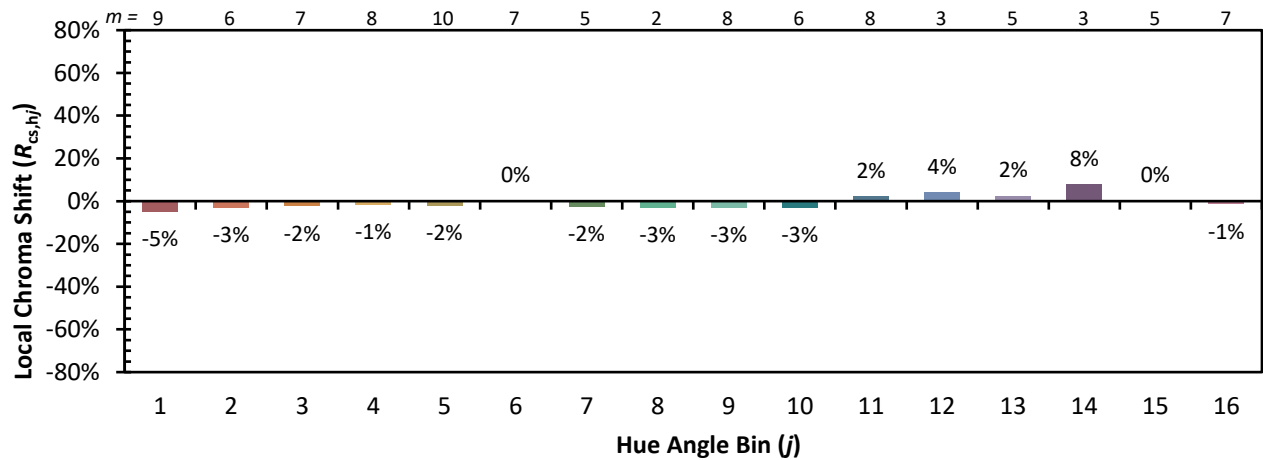


Individual Sample Fidelity Index ($R_{f,i}$)

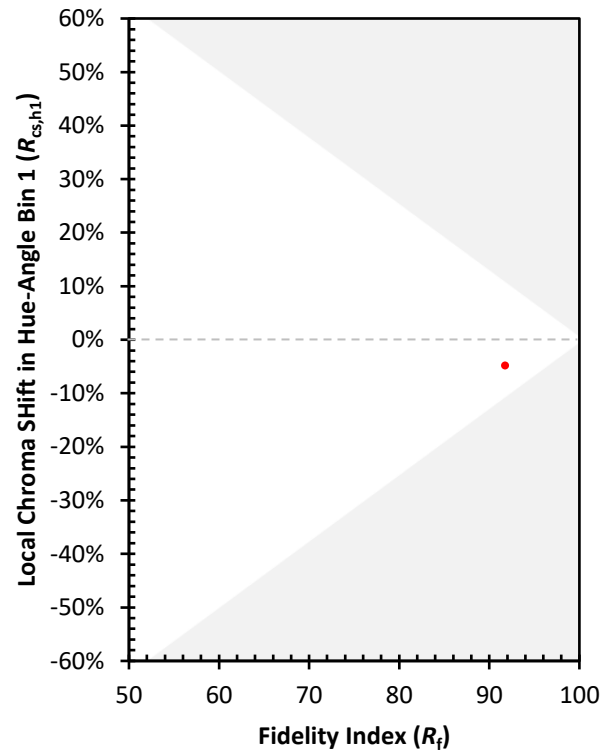
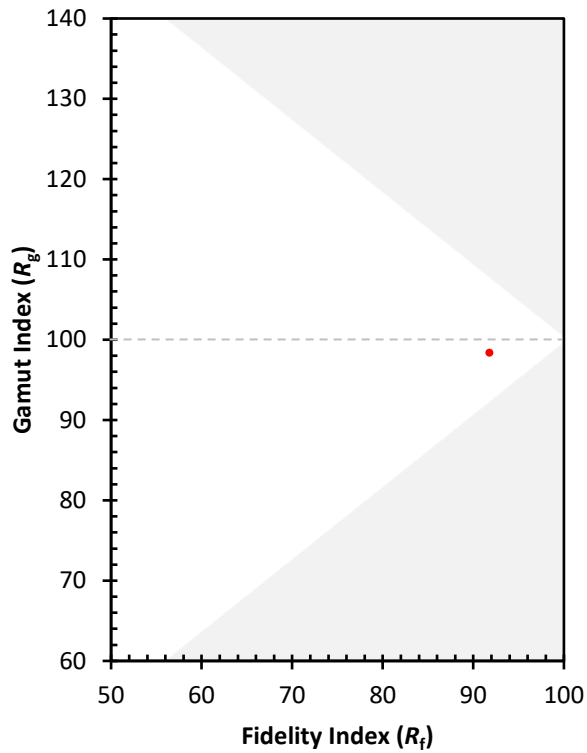
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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