

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: P1048037

Luminaire Tested: **GALN-SA5A-850-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048037
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-850-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16170.8 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

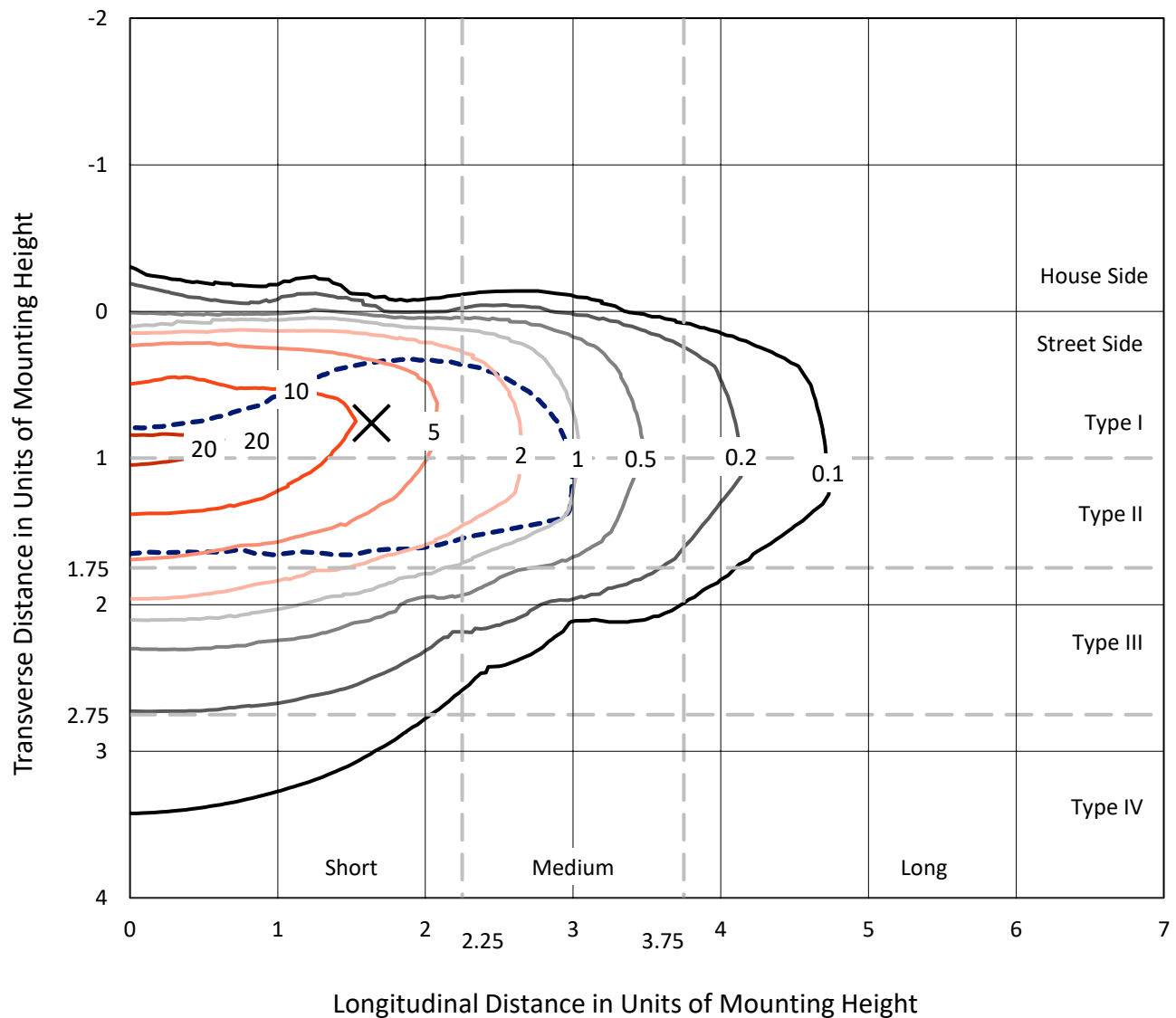


REPORT NUMBER: P1048037

CATALOG NUMBER: GALN-SA5A-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

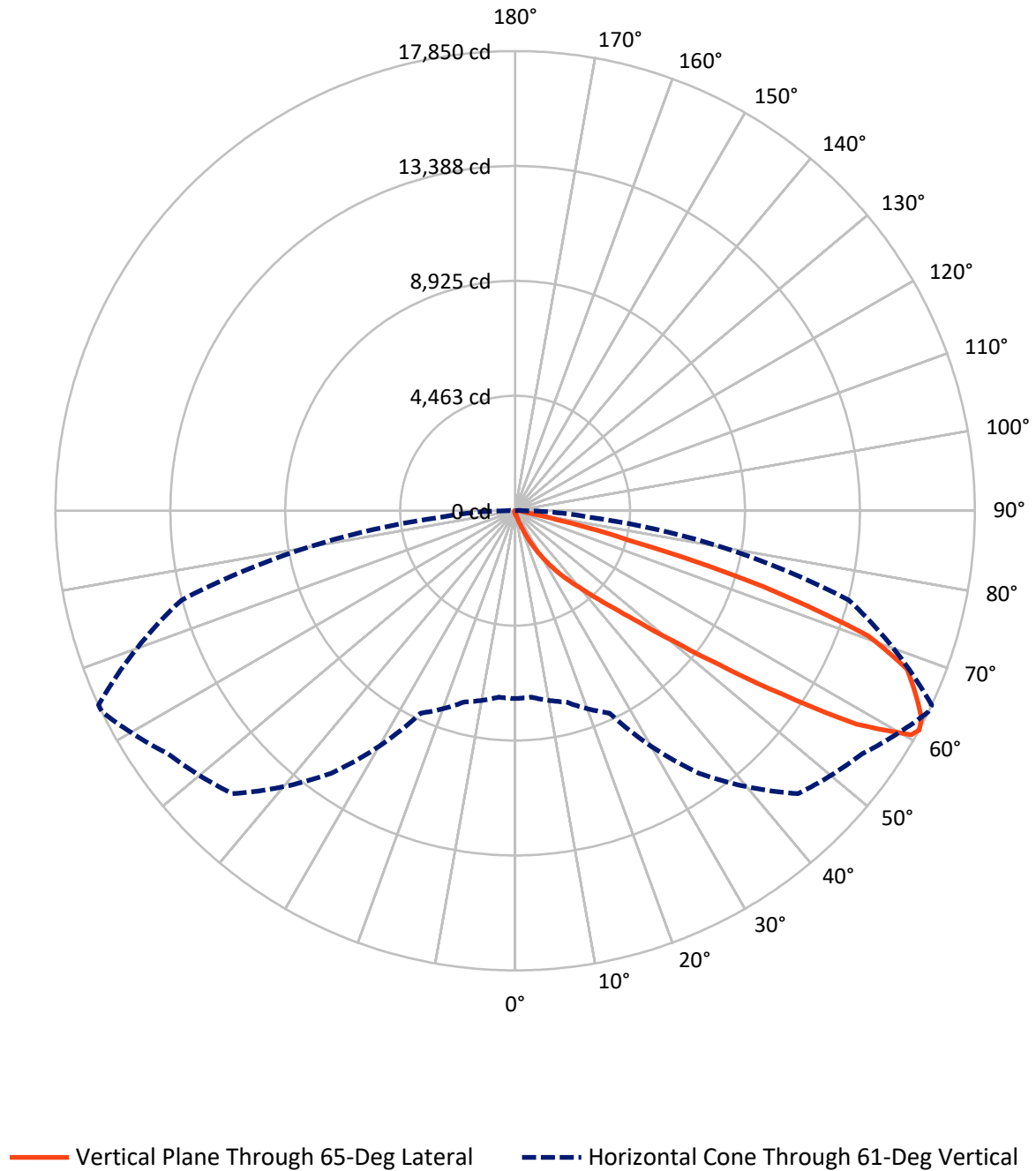


Based on 15 foot mounting height. Maximum calculated value = 21.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1048037

CATALOG NUMBER: GALN-SA5A-850-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048037

CATALOG NUMBER: GALN-SA5A-850-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.0	0.0	69.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16101.7	0.0	16101.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	16170.8	0.0	16170.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	0.1
10°-20°	133.0	0.8
20°-30°	477.2	3.0
30°-40°	1270.6	7.9
40°-50°	3337.7	20.6
50°-60°	5170.8	32.0
60°-70°	4335.6	26.8
70°-80°	1275.9	7.9
80°-90°	157.4	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°	16170.8	100.0
0°-180°	16170.8	100.0



REPORT NUMBER: P1048037

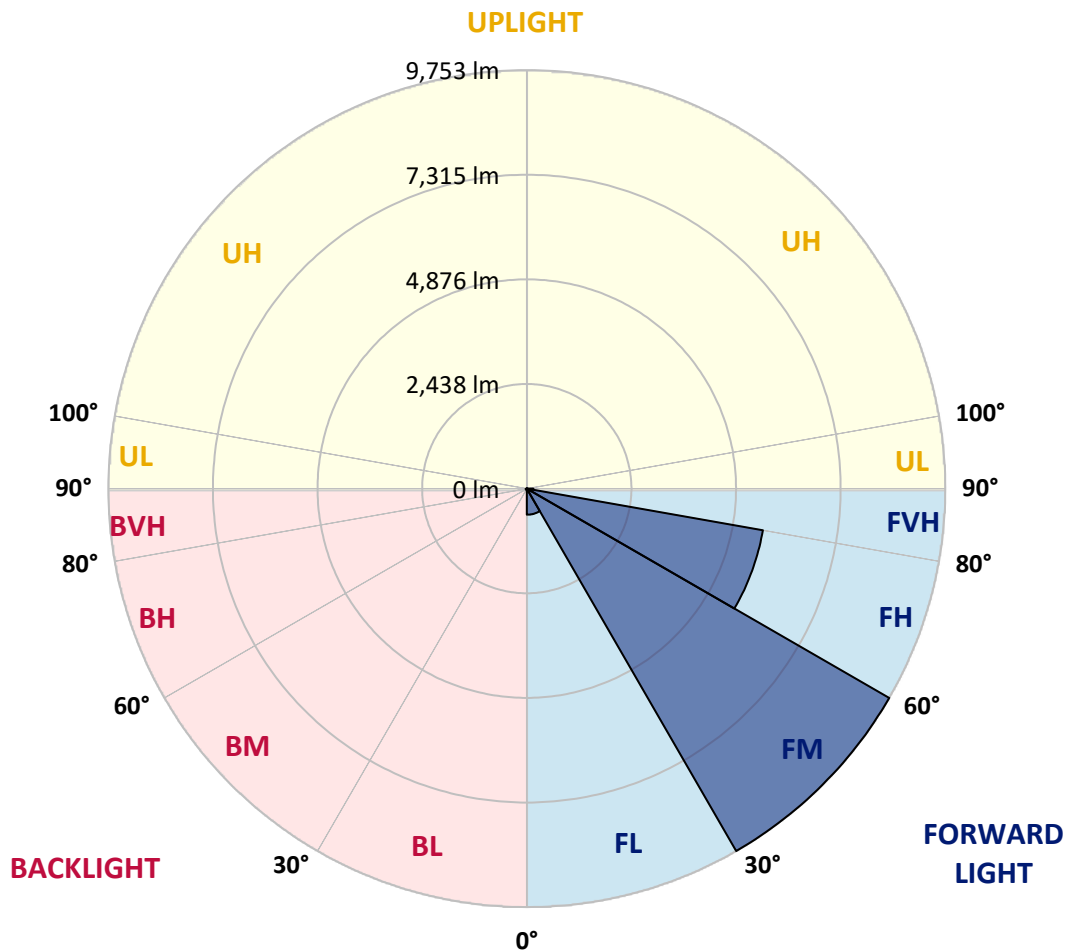
CATALOG NUMBER: GALN-SA5A-850-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	607.3	3.8			
FM	(30°-60°)	9752.8	60.3			
FH	(60°-80°)	5587.2	34.6			G3/7500
FVH	(80°-90°)	154.5	1.0			G2/225
BL	(0°-30°)	15.5	0.1	B0/110		
BM	(30°-60°)	26.3	0.2	B0/220		
BH	(60°-80°)	24.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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 II Short



REPORT NUMBER: P1048037

CATALOG NUMBER: GALN-SA5A-850-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2.5°	120.1	121.2	119.0	114.6	111.2	111.2	110.1	106.8	106.8	103.5	101.2
5°	168.0	165.7	161.3	152.4	144.6	136.8	129.0	121.2	120.1	110.1	103.5
7.5°	274.8	277.0	262.5	234.7	211.4	181.3	153.5	136.8	134.6	117.9	104.6
10°	602.9	586.2	552.9	444.9	366.0	275.9	204.7	159.1	156.8	126.8	106.8
12.5°	1099.0	1085.7	1024.5	913.3	709.7	493.9	299.2	196.9	190.2	134.6	107.9
15°	1584.0	1562.9	1529.5	1417.2	1179.1	885.5	489.4	269.2	251.4	145.7	106.8
17.5°	1893.3	1896.6	1866.6	1818.7	1665.2	1310.4	845.4	401.6	367.1	165.7	104.6
20°	2163.6	2155.8	2172.5	2146.9	2039.0	1780.9	1230.3	636.3	577.3	198.0	105.7
22.5°	2475.0	2493.9	2506.2	2500.6	2381.6	2161.3	1667.4	952.2	877.7	257.0	109.0
25°	2892.2	2889.9	2891.1	2876.6	2760.9	2516.2	2105.7	1344.9	1269.2	352.6	116.8
27.5°	3329.3	3342.7	3348.2	3296.0	3144.7	2904.4	2511.7	1774.2	1685.2	506.1	126.8
30°	3926.7	3915.6	3890.0	3783.2	3599.6	3301.5	2912.2	2224.7	2131.3	720.8	142.4
32.5°	4732.0	4719.8	4590.8	4354.9	4080.2	3715.3	3314.9	2676.4	2562.9	988.9	163.5
35°	6059.1	6078.0	5761.0	5150.3	4657.5	4212.6	3760.9	3125.8	3025.7	1319.3	192.4
37.5°	8091.4	7988.0	7557.5	6478.5	5417.3	4833.3	4187.0	3579.6	3492.9	1726.4	230.3
40°	10065.9	9963.5	9839.0	8816.7	6737.7	5517.4	4783.2	4112.4	4000.1	2185.8	285.9
42.5°	12141.6	12084.8	12079.3	11308.4	9147.1	6593.0	5500.7	4736.5	4640.8	2689.7	377.1
45°	13612.1	13555.4	13674.4	13809.0	12428.6	8897.9	6749.9	5547.4	5408.4	3301.5	522.8
47.5°	13810.1	13812.4	14130.5	14552.1	14866.9	12463.0	8414.0	6622.0	6452.9	4177.0	767.5
50°	13151.6	13177.2	13683.3	14437.5	15285.1	15454.2	11348.4	8181.5	7931.2	5214.8	1114.6
52.5°	11898.0	11926.9	12632.1	13872.4	14900.3	16172.8	14803.5	10221.6	9933.5	6509.6	1604.0
55°	10768.9	10786.7	11595.4	13162.7	14436.4	15782.4	16854.7	12945.8	12567.6	8102.5	2086.8
57.5°	9651.0	9609.8	10136.0	11930.2	14357.4	15302.9	17157.3	16050.5	15633.3	9843.4	2462.8
60°	8155.9	8087.0	8509.7	9651.0	13318.5	15617.7	16591.1	17768.0	17673.4	12267.3	2753.1
61°	7296.1	7267.1	7692.1	8671.0	12444.1	15537.6	16455.4	17840.3	17850.3	13414.1	2883.3
62.5°	5210.4	5292.7	5942.3	7214.9	10422.9	15018.2	16473.2	17616.7	17715.7	14938.1	3220.3
65°	2316.0	2448.3	2953.4	3989.0	6061.3	12493.1	16315.2	17126.1	17077.2	15356.3	4381.6
67.5°	1373.8	1393.8	1645.2	2260.3	3210.3	6719.9	14397.5	16477.6	16412.0	13368.5	5451.7
70°	1082.3	1092.4	1172.4	1418.3	1863.2	2574.0	8217.1	14256.2	14542.1	10840.1	5337.2
72.5°	1026.7	1024.5	1035.6	1079.0	1173.6	1277.0	3181.4	9476.3	10058.1	7806.6	4475.1
75°	1013.4	1008.9	997.8	981.1	849.9	752.0	985.6	4191.4	4528.5	5333.8	3369.4
77.5°	983.3	984.5	986.7	941.1	728.6	531.7	477.2	1344.9	1654.1	3385.0	2394.9
80°	665.2	675.2	691.9	674.1	655.2	384.9	337.0	478.3	485.0	1899.9	1581.8
82.5°	337.0	337.0	329.3	293.7	253.6	250.3	268.1	347.1	351.5	961.1	744.2
85°	203.6	214.7	219.1	199.1	182.4	168.0	204.7	275.9	285.9	372.6	173.5
87.5°	45.6	46.7	51.2	67.9	99.0	134.6	190.2	252.5	257.0	239.2	21.1
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: P1048037

CATALOG NUMBER: GALN-SA5A-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2.5°	100.1	97.9	96.8	93.4	90.1	86.8	84.5	83.4	84.5	85.7	85.7
5°	99.0	95.7	90.1	84.5	80.1	75.6	71.2	70.1	70.1	71.2	71.2
7.5°	99.0	93.4	85.7	79.0	72.3	65.6	62.3	60.1	61.2	61.2	61.2
10°	99.0	92.3	82.3	72.3	64.5	56.7	51.2	48.9	48.9	48.9	48.9
12.5°	97.9	91.2	79.0	66.7	55.6	46.7	40.0	36.7	37.8	37.8	37.8
15°	95.7	87.9	74.5	56.7	44.5	35.6	28.9	25.6	26.7	28.9	30.0
17.5°	92.3	84.5	66.7	47.8	35.6	26.7	20.0	17.8	18.9	22.2	22.2
20°	91.2	81.2	59.0	38.9	26.7	18.9	13.3	11.1	12.2	16.7	17.8
22.5°	91.2	79.0	53.4	32.3	20.0	12.2	7.8	4.4	4.4	7.8	7.8
25°	92.3	77.9	48.9	26.7	14.5	8.9	4.4	2.2	4.4	12.2	14.5
27.5°	94.6	76.8	46.7	22.2	11.1	7.8	3.3	7.8	13.3	13.3	13.3
30°	96.8	74.5	43.4	18.9	10.0	5.6	5.6	11.1	11.1	13.3	14.5
32.5°	100.1	73.4	41.2	16.7	7.8	4.4	7.8	6.7	6.7	7.8	8.9
35°	106.8	74.5	38.9	16.7	7.8	5.6	6.7	3.3	2.2	2.2	2.2
37.5°	115.7	75.6	35.6	14.5	6.7	6.7	3.3	0.0	0.0	0.0	0.0
40°	130.1	79.0	33.4	13.3	5.6	5.6	1.1	0.0	0.0	0.0	0.0
42.5°	154.6	85.7	32.3	12.2	5.6	4.4	0.0	0.0	0.0	0.0	0.0
45°	203.6	101.2	30.0	11.1	5.6	2.2	0.0	0.0	0.0	0.0	0.0
47.5°	292.6	137.9	28.9	8.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	427.2	186.9	27.8	7.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	545.1	196.9	18.9	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	558.4	135.7	14.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	444.9	87.9	12.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	337.0	66.7	11.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	323.7	60.1	11.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	357.1	52.3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	580.7	43.4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1008.9	37.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1274.8	35.6	6.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1111.3	32.3	6.7	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	668.5	27.8	6.7	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	350.4	21.1	6.7	5.6	3.3	1.1	0.0	0.0	0.0	0.0	0.0
80°	170.2	18.9	7.8	5.6	4.4	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	66.7	15.6	8.9	7.8	5.6	3.3	1.1	0.0	0.0	0.0	0.0
85°	30.0	13.3	10.0	8.9	7.8	4.4	1.1	0.0	0.0	0.0	0.0
87.5°	15.6	12.2	11.1	10.0	7.8	5.6	2.2	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

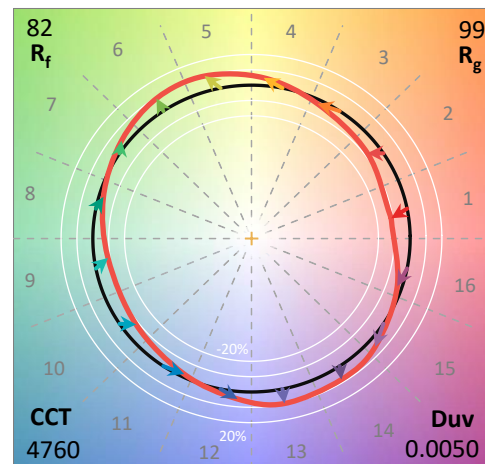
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

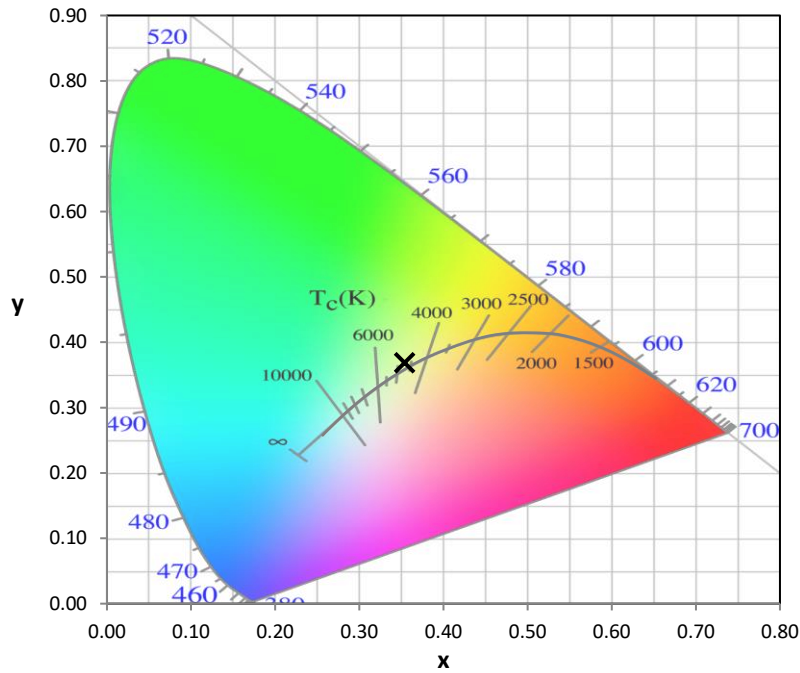
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

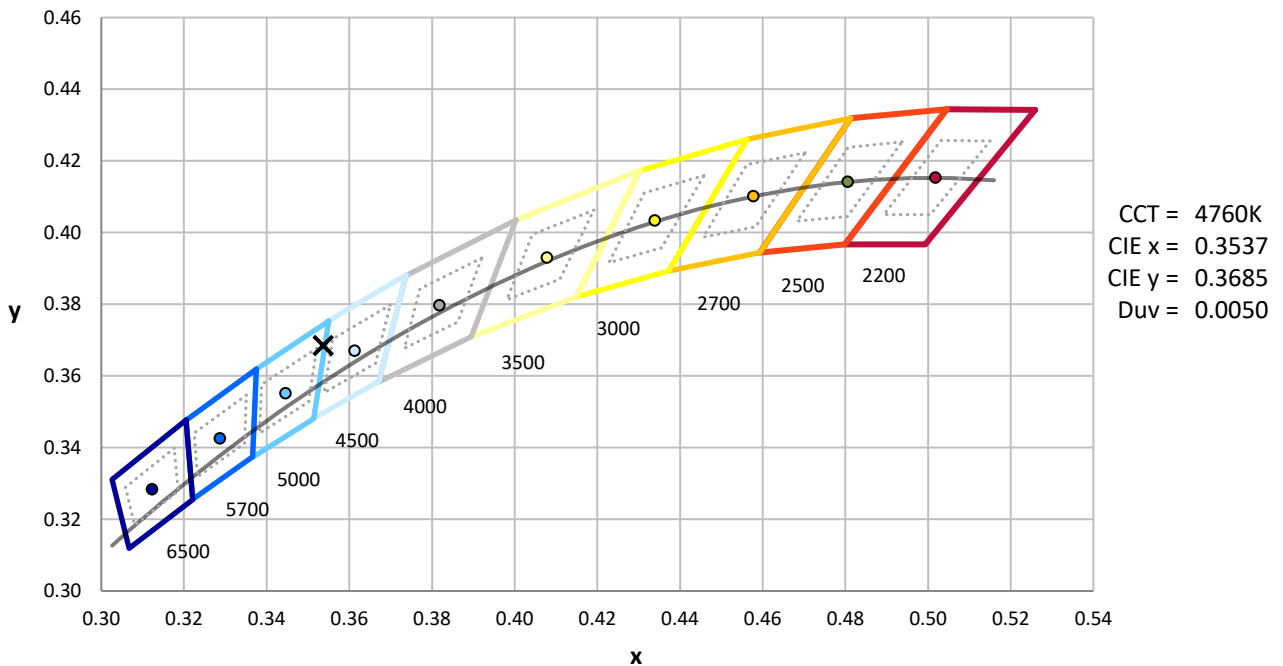
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



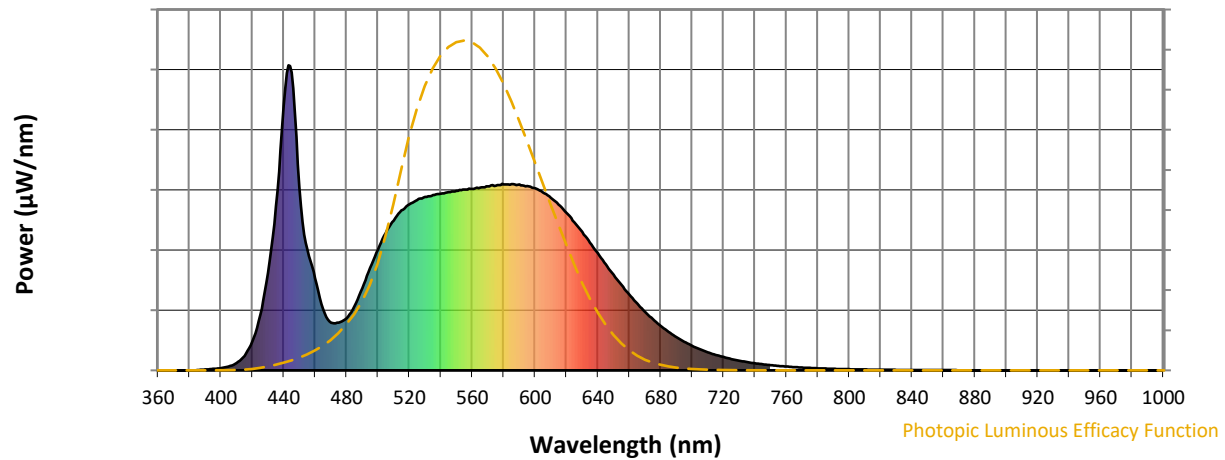
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



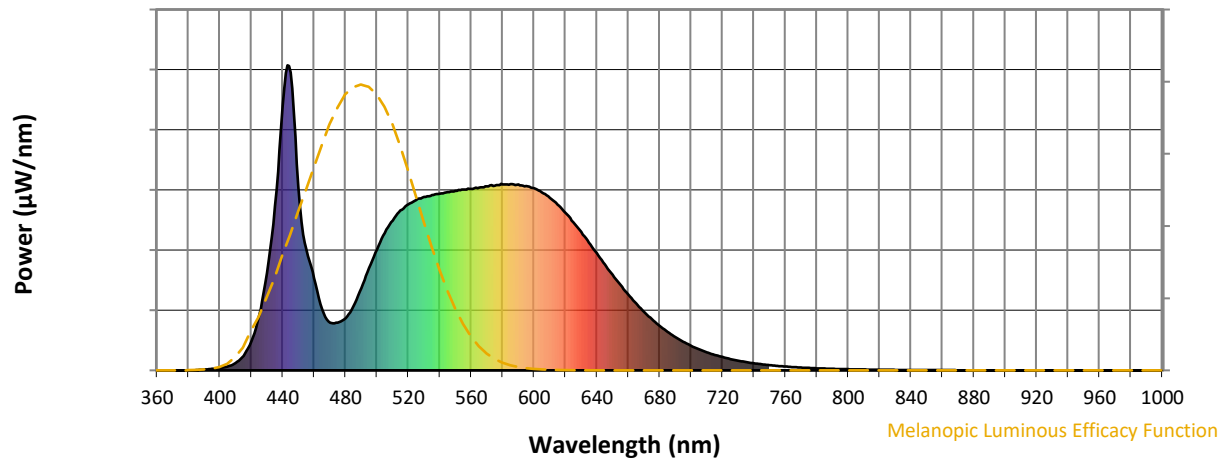
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

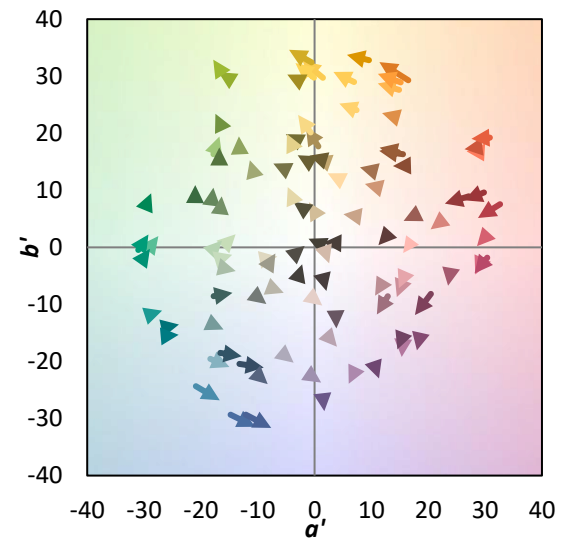
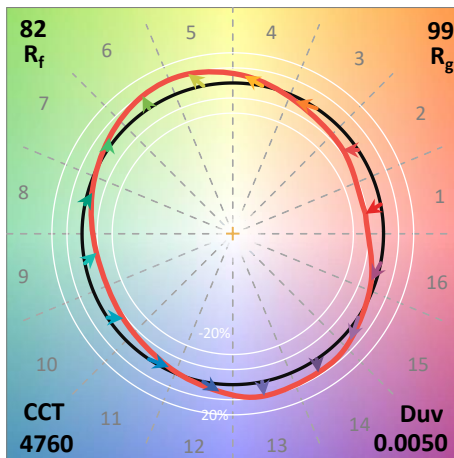
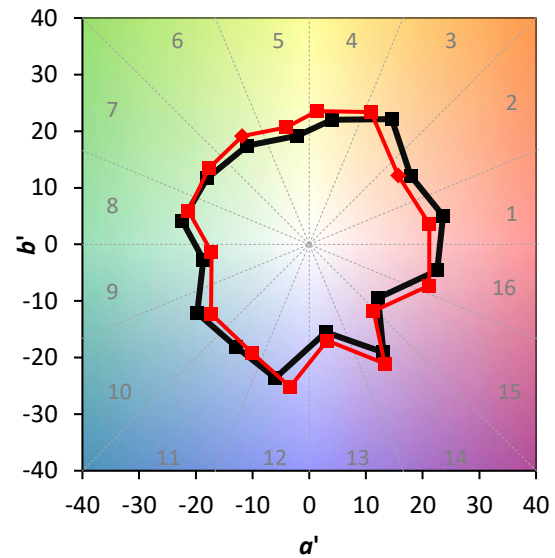
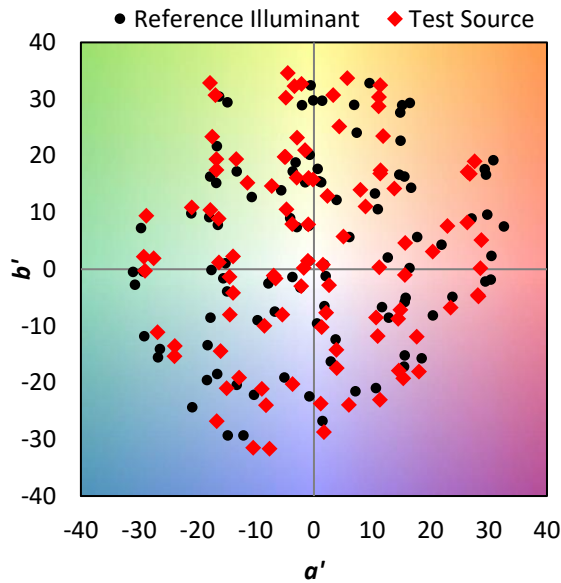
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

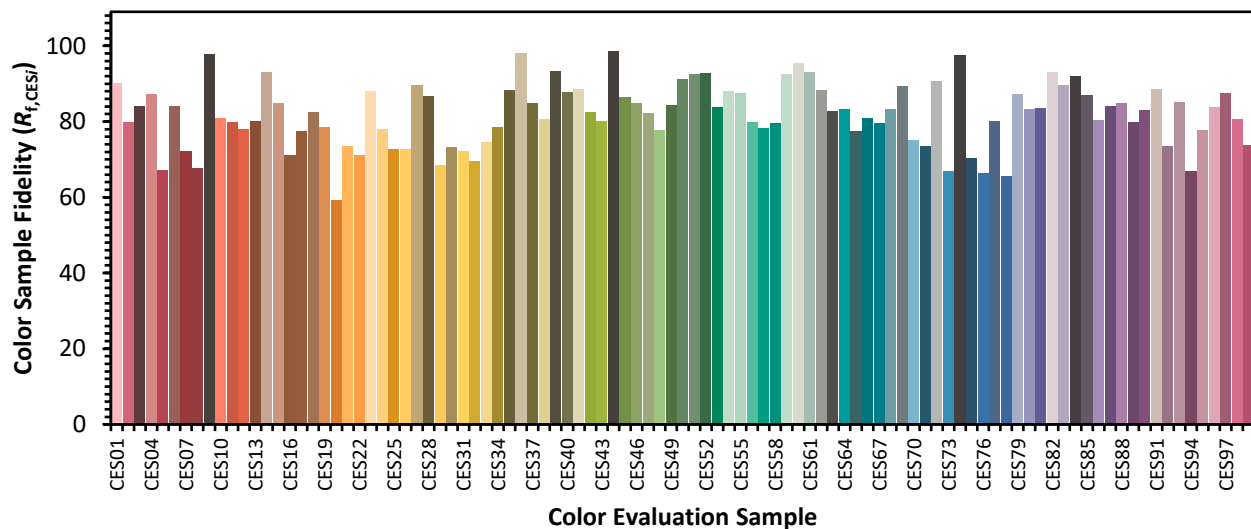


Color Vector Graphics

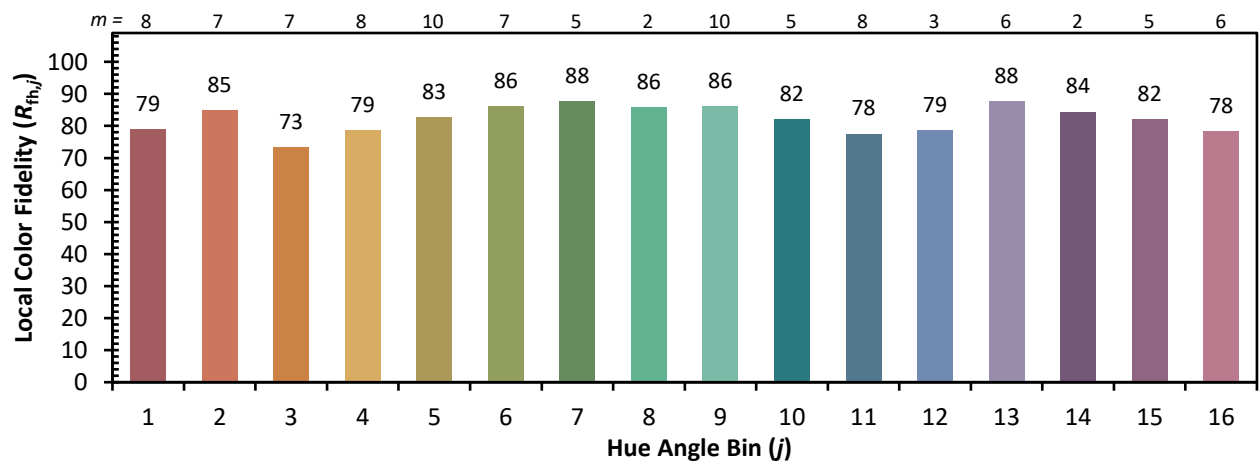


Individual Sample Fidelity Index ($R_{f,i}$)

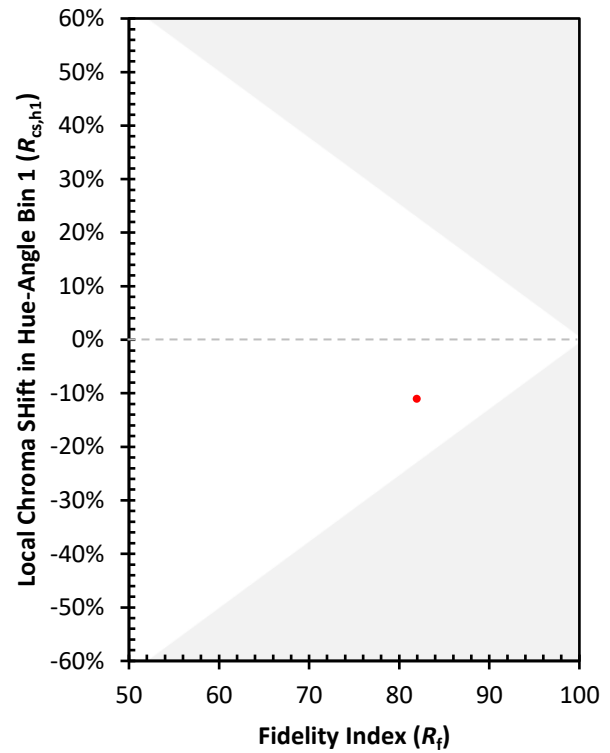
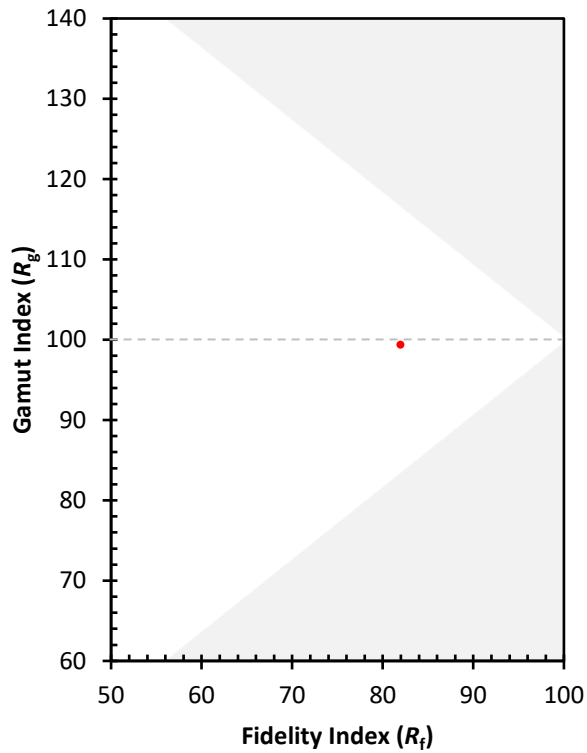
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)