

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: P1047413

Luminaire Tested: **GALN-SA2A-850-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047413
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-850-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6990.4 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

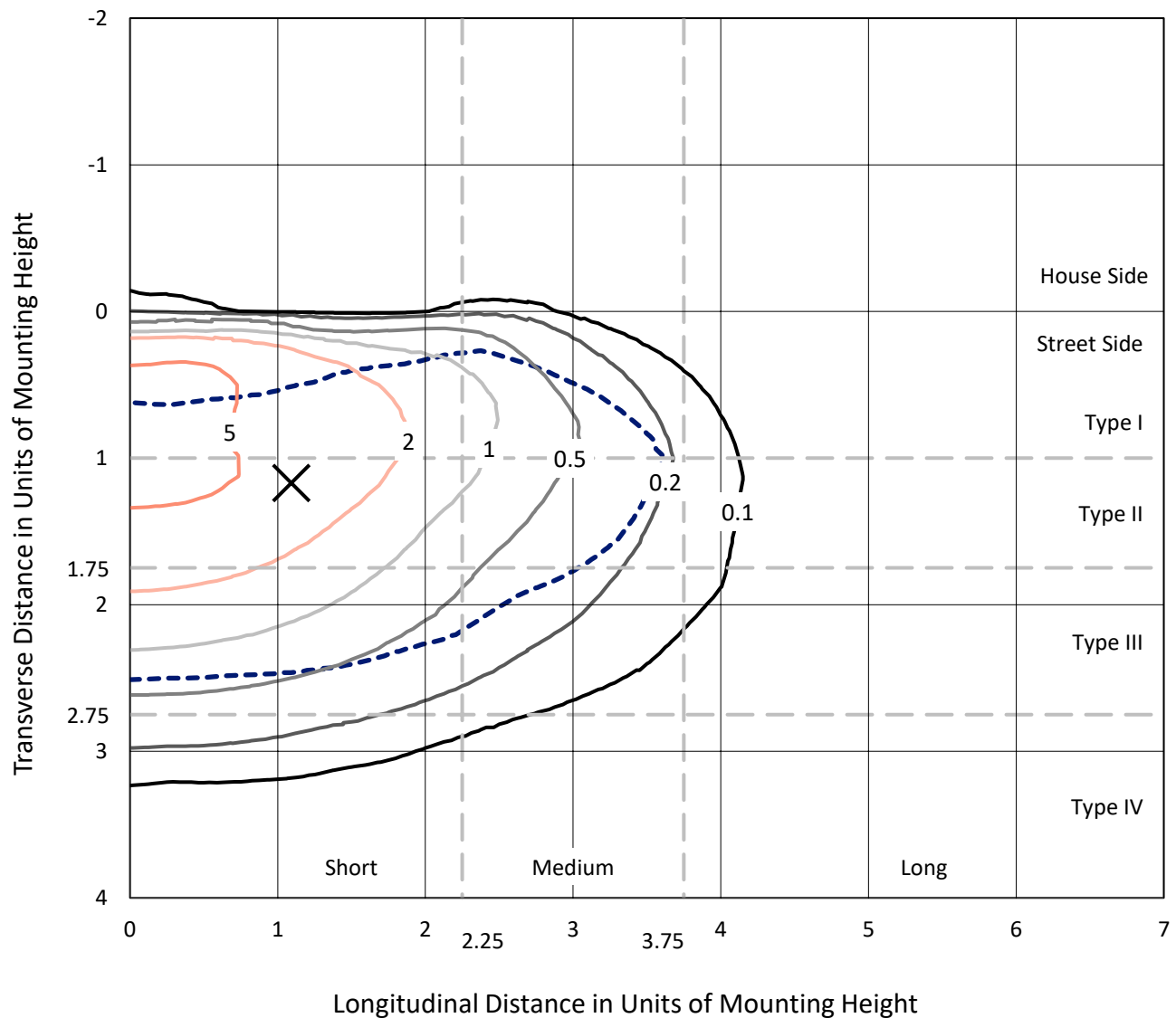


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CATALOG NUMBER: GALN-SA2A-850-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

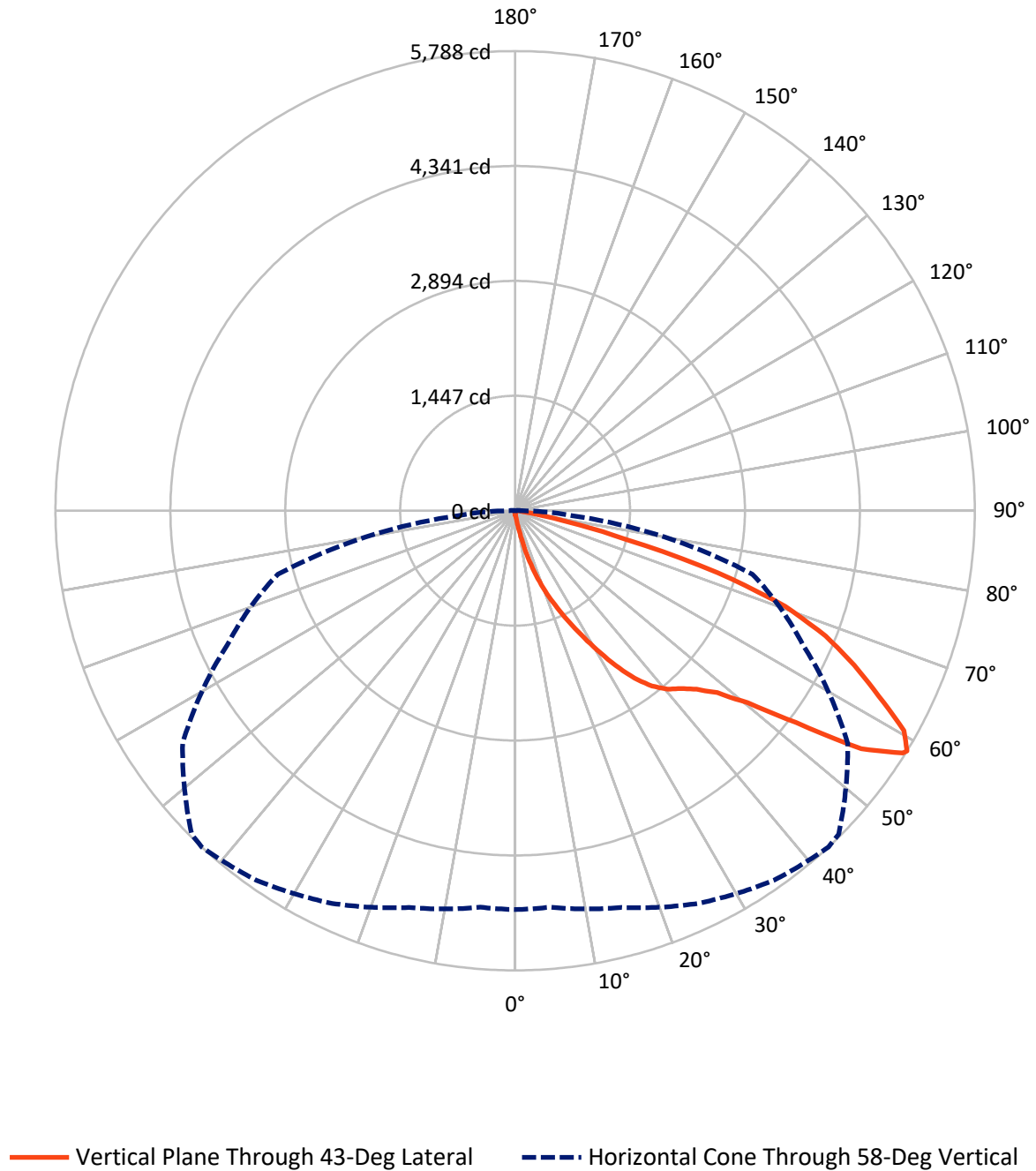


Based on 15 foot mounting height. Maximum calculated value = 7.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	25.5	0.0	25.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6964.9	0.0	6964.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	6990.4	0.0	6990.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.7	0.1
10°-20°	80.4	1.1
20°-30°	289.6	4.1
30°-40°	662.6	9.5
40°-50°	1117.6	16.0
50°-60°	1844.3	26.4
60°-70°	2061.3	29.5
70°-80°	851.1	12.2
80°-90°	76.7	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°	6990.4	100.0
0°-180°	6990.4	100.0



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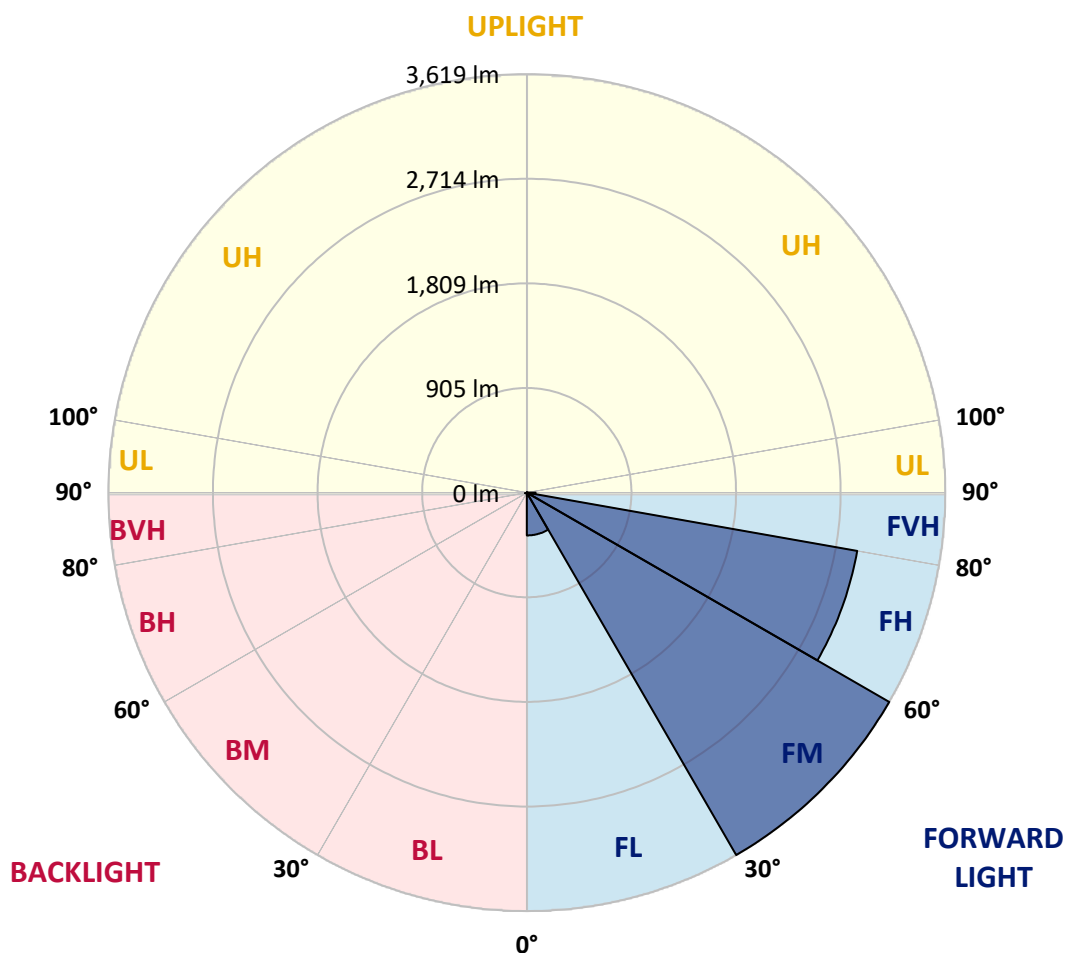
CATALOG NUMBER: GALN-SA2A-850-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	370.0	5.3			
FM	(30°-60°)	3618.5	51.8			
FH	(60°-80°)	2900.7	41.5			G2/5000
FVH	(80°-90°)	75.7	1.1			G1/100
BL	(0°-30°)	6.7	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	11.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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-G2

Type III Short





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CATALOG NUMBER: GALN-SA2A-850-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
2.5°	54.8	56.7	54.8	54.8	54.8	53.0	53.0	51.2	51.2	49.4	47.5
5°	80.4	80.4	75.0	71.3	67.6	65.8	64.0	60.3	56.7	53.0	49.4
7.5°	179.2	179.2	162.7	140.8	111.5	95.1	91.4	75.0	64.0	56.7	49.4
10°	427.8	427.8	391.3	330.9	256.0	190.1	170.0	107.9	76.8	60.3	51.2
12.5°	711.2	720.3	674.6	597.8	486.3	371.1	330.9	197.5	102.4	65.8	51.2
15°	965.3	943.4	930.6	857.5	751.4	614.3	563.1	332.7	148.1	75.0	51.2
17.5°	1137.2	1137.2	1118.9	1069.5	972.6	852.0	809.9	537.5	239.5	85.9	53.0
20°	1338.3	1338.3	1305.4	1270.7	1184.7	1082.3	1042.1	764.2	371.1	109.7	53.0
22.5°	1581.5	1585.1	1548.6	1486.4	1404.1	1290.8	1256.0	974.5	537.5	146.3	54.8
25°	1877.6	1881.3	1828.3	1769.8	1643.6	1521.1	1468.1	1215.8	740.5	204.8	54.8
27.5°	2204.9	2230.5	2151.9	2051.3	1917.9	1764.3	1724.1	1433.4	941.6	288.9	58.5
30°	2612.6	2612.6	2508.4	2367.6	2223.2	2033.1	1981.9	1661.9	1155.5	400.4	62.2
32.5°	2963.6	2936.2	2802.8	2654.7	2501.1	2323.7	2268.9	1901.4	1374.9	539.3	69.5
35°	3232.4	3208.6	3044.1	2885.0	2751.6	2588.8	2523.0	2161.0	1607.1	696.6	80.4
37.5°	3462.8	3453.6	3230.6	3031.3	2943.5	2800.9	2742.4	2406.0	1835.6	866.6	93.2
40°	3715.1	3685.8	3448.1	3201.3	3069.7	2954.5	2901.5	2603.5	2055.0	1065.9	111.5
42.5°	3930.8	3896.1	3682.2	3440.8	3215.9	3060.5	3009.4	2769.8	2268.9	1265.2	135.3
45°	4170.3	4152.0	3936.3	3753.5	3453.6	3205.0	3137.3	2903.3	2464.5	1502.8	166.4
47.5°	4530.5	4497.6	4296.5	4146.5	3799.2	3424.4	3327.5	3040.4	2652.8	1736.9	213.9
50°	4949.2	4927.2	4808.4	4689.5	4344.0	3799.2	3684.0	3237.9	2863.1	2014.8	276.1
52.5°	5291.0	5287.4	5302.0	5303.8	5042.4	4429.9	4258.1	3556.0	3104.4	2289.0	363.8
55°	5283.7	5300.2	5461.1	5645.7	5665.8	5291.0	5124.7	4091.7	3418.9	2627.2	486.3
57.5°	5086.3	5073.5	5243.5	5521.4	5717.0	5757.3	5729.8	4923.6	3892.4	3034.9	674.6
58°	5022.3	5011.3	5172.2	5455.6	5680.5	5788.3	5760.9	5111.9	3998.5	3093.5	725.8
60°	4790.1	4791.9	4887.0	5144.8	5369.7	5625.6	5651.2	5649.4	4526.8	3484.7	983.6
62.5°	4482.9	4468.3	4556.1	4766.3	4963.8	5135.6	5179.5	5686.0	5300.2	3982.0	1475.4
65°	4058.8	4036.8	4130.1	4367.8	4579.8	4691.4	4693.2	5196.0	5664.0	4515.9	2177.5
67.5°	3270.8	3252.5	3439.0	3744.3	4071.6	4217.8	4283.7	4508.5	5356.9	4877.9	2579.7
70°	2003.8	2042.2	2301.8	2780.8	3340.3	3609.0	3707.8	3777.2	4561.6	4823.0	2157.4
72.5°	925.1	879.4	1100.6	1435.2	2073.3	2671.1	2773.5	3045.9	3616.3	4186.8	1608.9
75°	431.5	415.0	466.2	627.1	939.7	1442.5	1629.0	2431.6	2773.5	2912.5	1161.0
77.5°	221.2	223.1	265.1	285.2	387.6	667.3	766.1	1599.7	2033.1	1625.3	778.8
80°	96.9	100.6	102.4	111.5	157.2	257.8	290.7	742.3	1389.5	828.2	426.0
82.5°	62.2	64.0	64.0	64.0	75.0	102.4	117.0	298.0	692.9	411.4	131.6
85°	32.9	32.9	36.6	45.7	53.0	62.2	65.8	95.1	228.5	122.5	31.1
87.5°	18.3	20.1	21.9	27.4	34.7	42.1	45.7	65.8	87.8	84.1	7.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2A-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
2.5°	47.5	45.7	43.9	42.1	40.2	38.4	38.4	38.4	38.4	38.4	38.4
5°	45.7	43.9	42.1	38.4	34.7	32.9	31.1	29.3	29.3	29.3	29.3
7.5°	45.7	43.9	38.4	34.7	31.1	27.4	23.8	23.8	23.8	23.8	23.8
10°	45.7	42.1	36.6	31.1	25.6	21.9	20.1	18.3	18.3	18.3	18.3
12.5°	45.7	40.2	34.7	27.4	21.9	18.3	16.5	14.6	14.6	14.6	14.6
15°	45.7	40.2	32.9	25.6	20.1	14.6	12.8	11.0	11.0	11.0	11.0
17.5°	43.9	38.4	31.1	21.9	16.5	11.0	9.1	7.3	7.3	9.1	9.1
20°	42.1	36.6	27.4	18.3	12.8	9.1	5.5	5.5	5.5	5.5	5.5
22.5°	42.1	36.6	25.6	16.5	11.0	5.5	3.7	3.7	3.7	3.7	5.5
25°	42.1	34.7	21.9	12.8	7.3	3.7	1.8	1.8	1.8	1.8	1.8
27.5°	42.1	34.7	20.1	11.0	5.5	3.7	1.8	0.0	0.0	0.0	0.0
30°	40.2	32.9	18.3	9.1	3.7	1.8	0.0	0.0	0.0	0.0	0.0
32.5°	40.2	31.1	14.6	7.3	3.7	1.8	0.0	0.0	0.0	0.0	0.0
35°	42.1	29.3	12.8	5.5	1.8	0.0	0.0	0.0	0.0	0.0	1.8
37.5°	43.9	27.4	11.0	3.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	45.7	25.6	11.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	49.4	25.6	9.1	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	53.0	25.6	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	60.3	27.4	7.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	65.8	29.3	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	73.1	27.4	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	82.3	27.4	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	89.6	25.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	93.2	23.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	111.5	21.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	173.7	18.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	352.9	16.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	658.2	14.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	736.8	16.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	464.4	12.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	245.0	12.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	122.5	12.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	56.7	9.1	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	23.8	5.5	3.7	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.0	5.5	3.7	3.7	1.8	1.8	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.5	5.5	3.7	3.7	1.8	1.8	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

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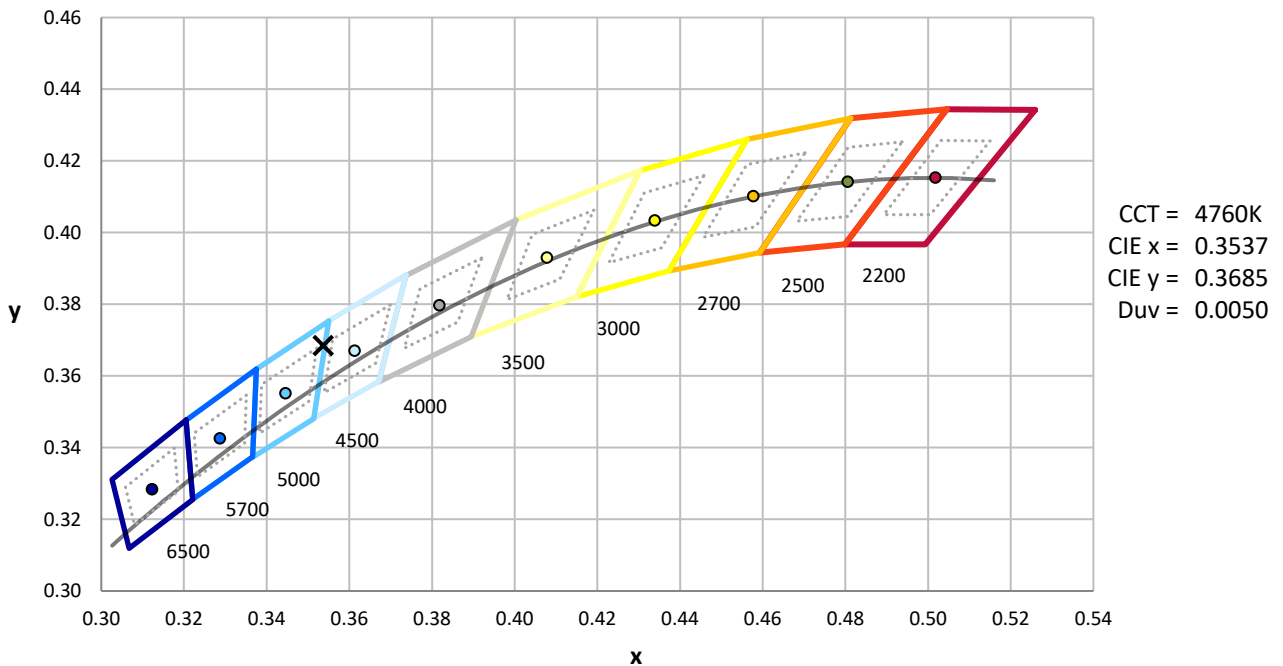
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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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

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Photopic Flux vs. Wavelength

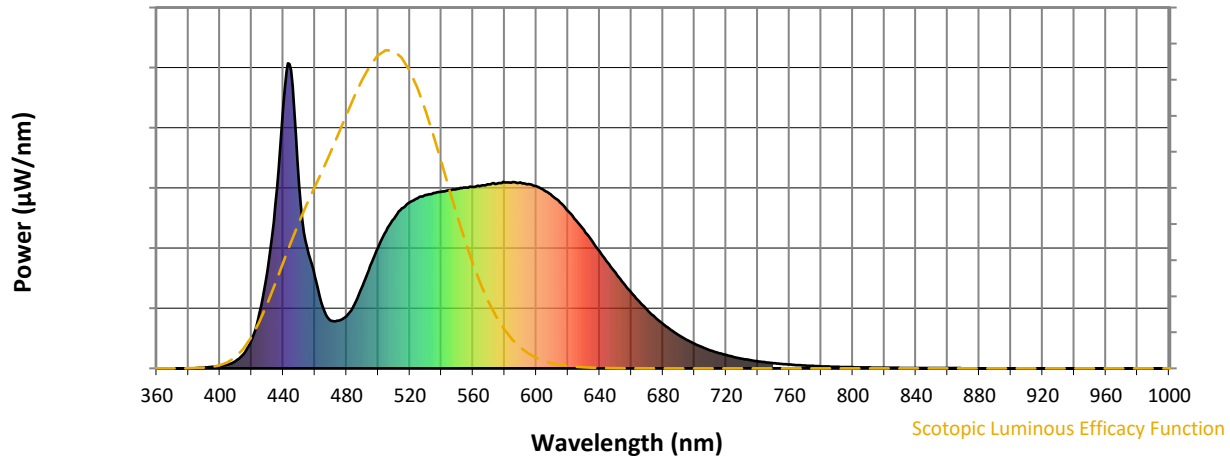


Photopic Lumens: NR

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	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			

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Scotopic Flux vs. Wavelength



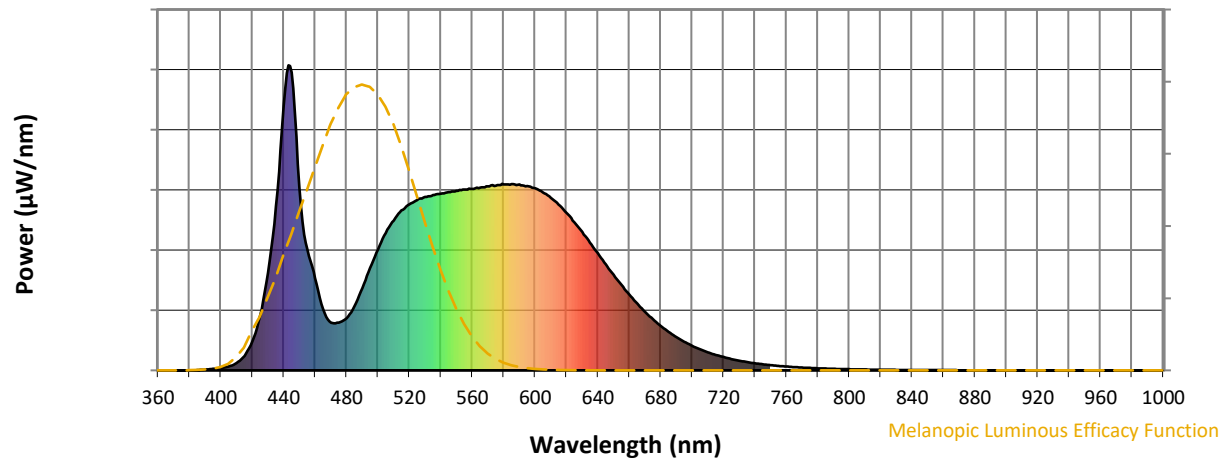
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.74

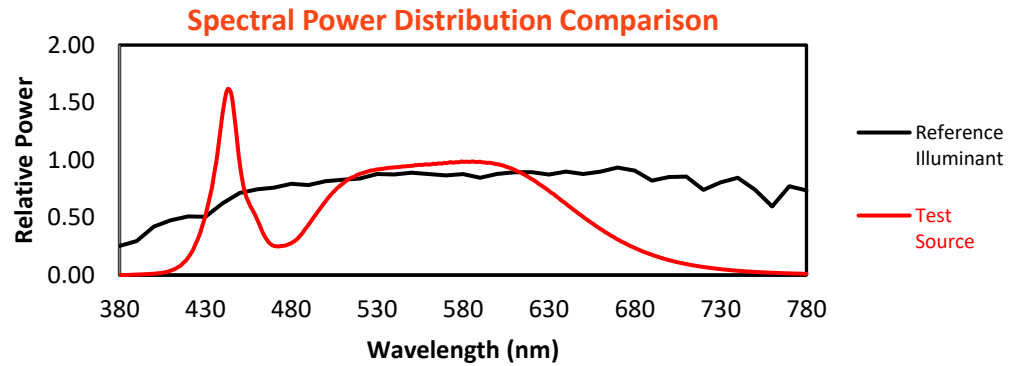
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	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			

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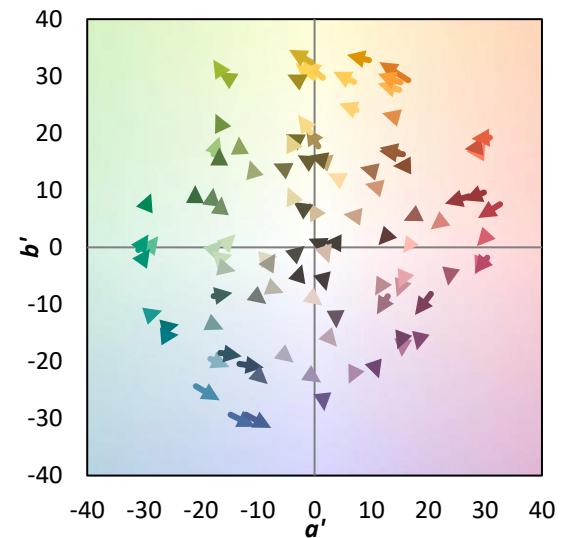
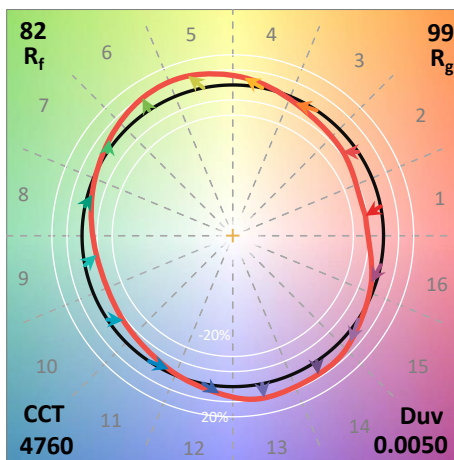
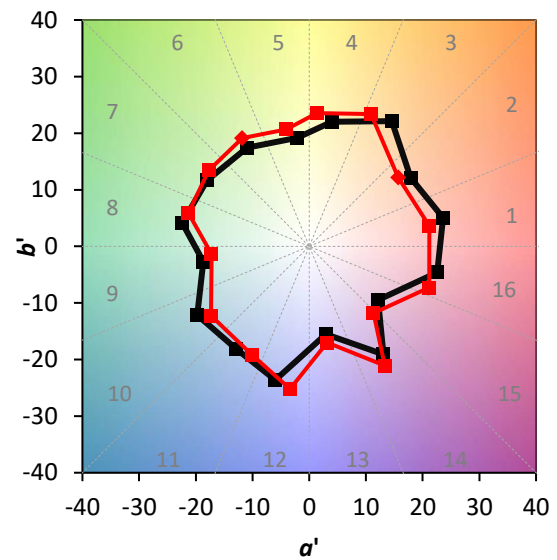
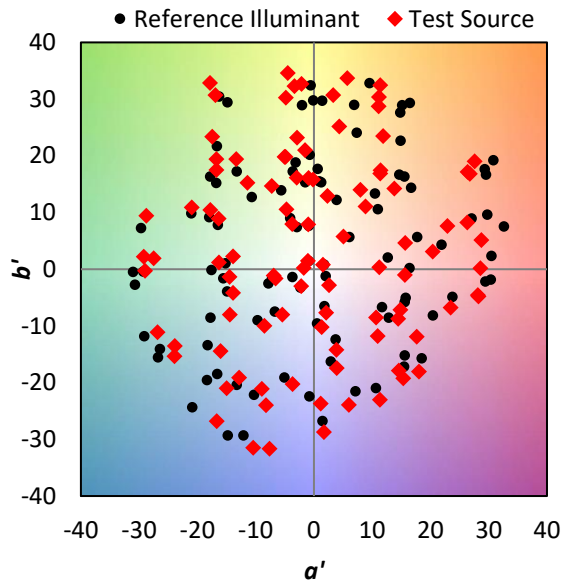
TM-30-18

Summary

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



Color Vector Graphics

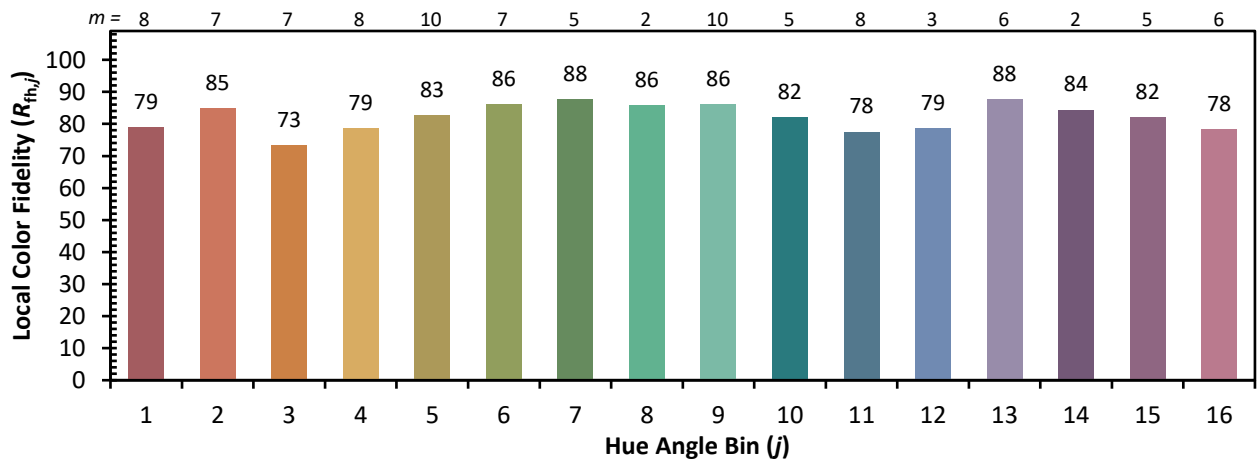
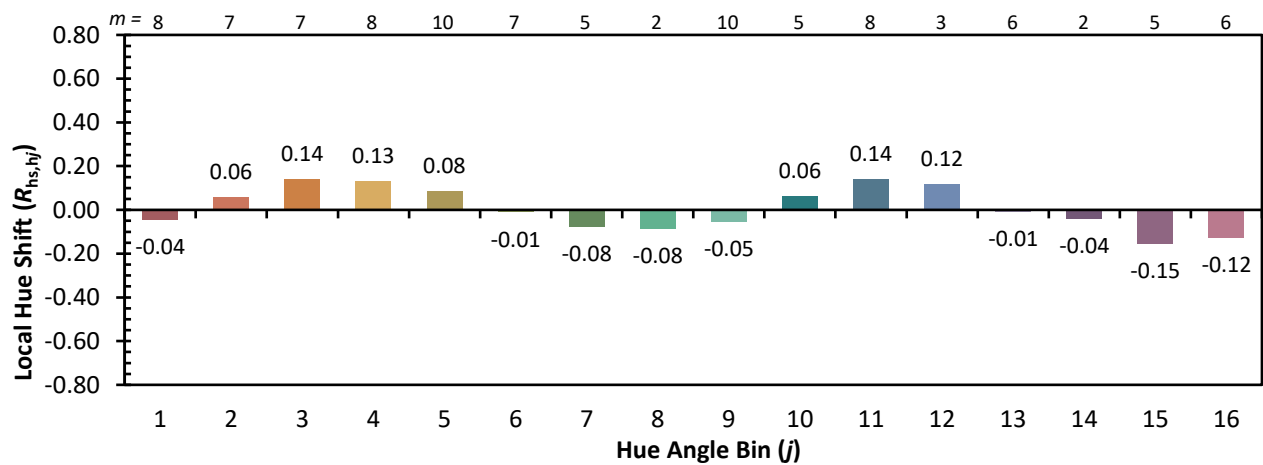


Individual Sample Fidelity Index ($R_{f,i}$)

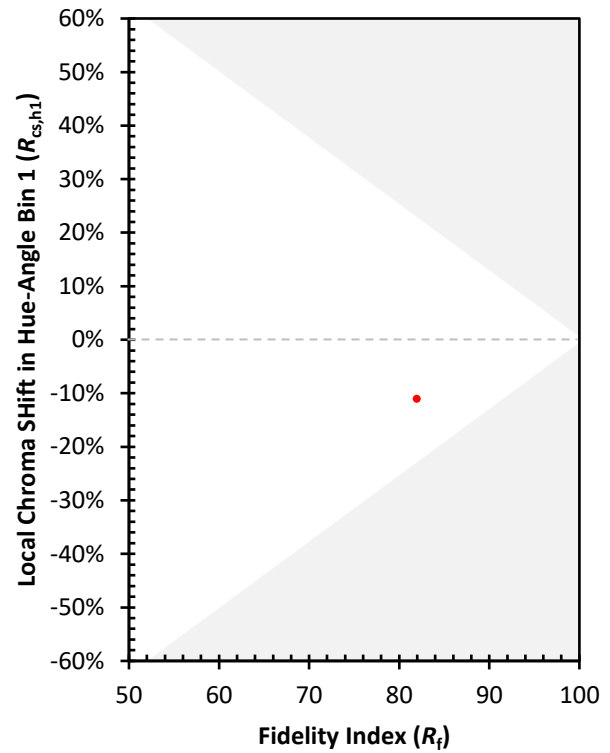
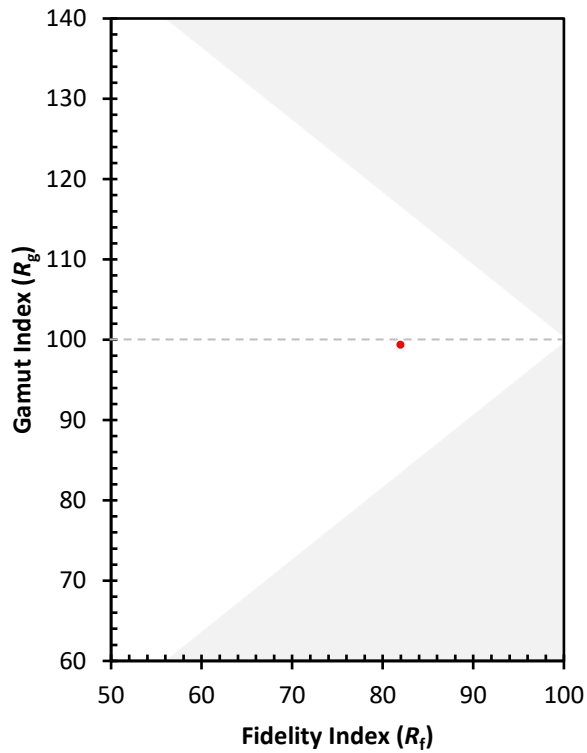
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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)