

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: P1048663

Luminaire Tested: **GALN-SA8C-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048663
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40743.3 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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

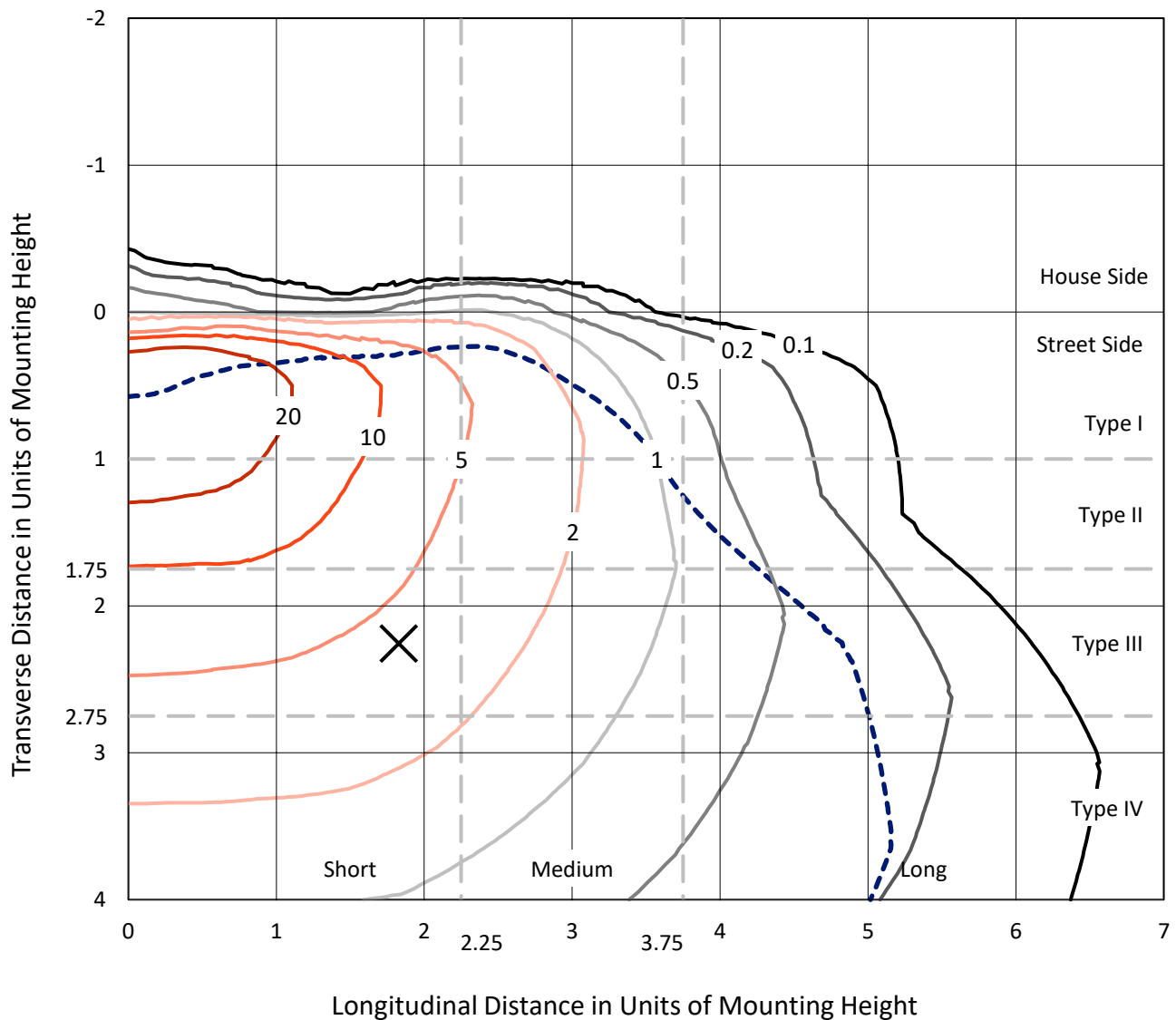


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CATALOG NUMBER: GALN-SA8C-850-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

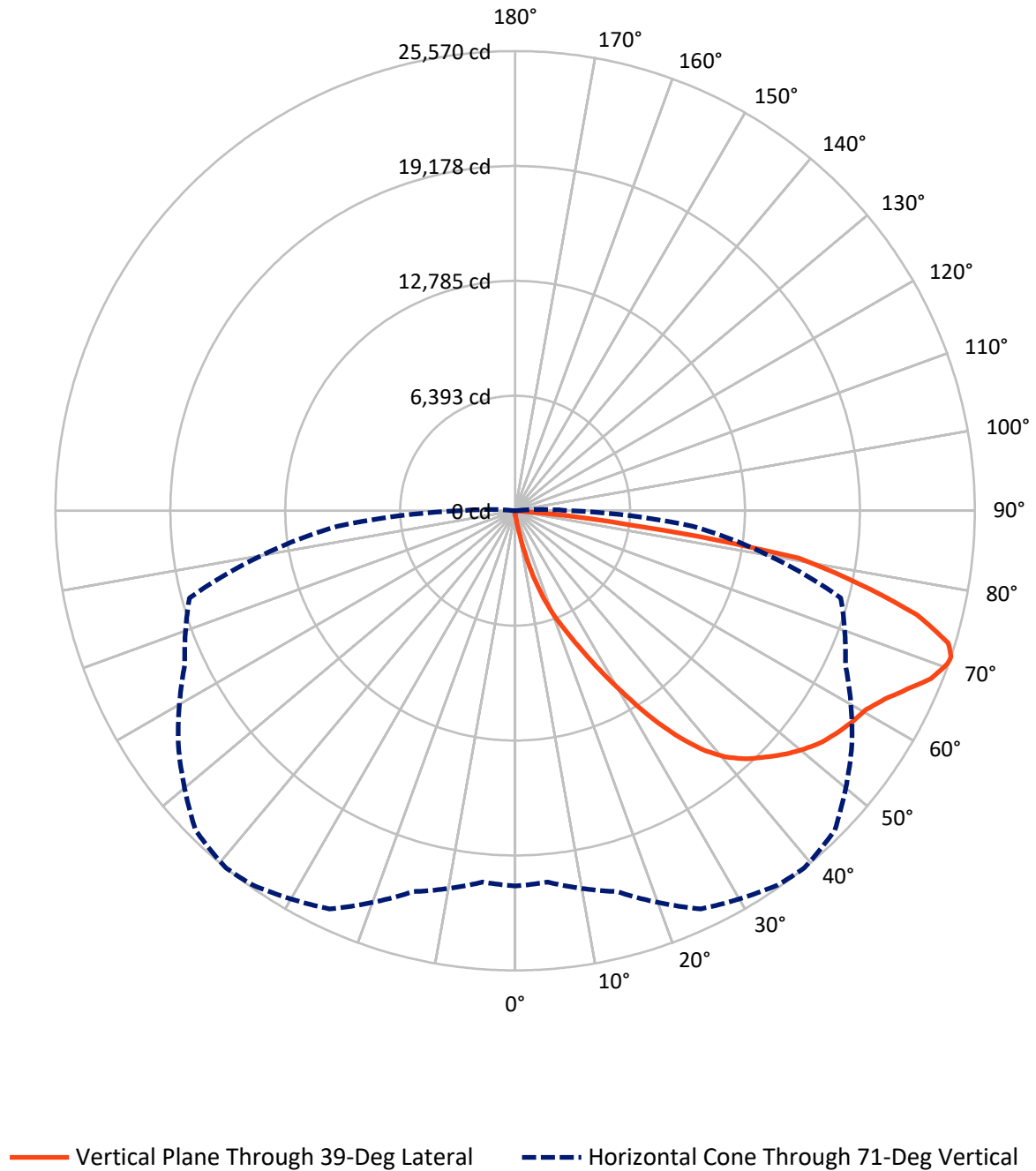


Based on 15 foot mounting height. Maximum calculated value = 41.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	144.8	0.0	144.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	40598.5	0.0	40598.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	40743.3	0.0	40743.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.0	0.1
10°-20°	435.5	1.1
20°-30°	1550.8	3.8
30°-40°	3737.6	9.2
40°-50°	6255.1	15.4
50°-60°	8033.9	19.7
60°-70°	10167.0	25.0
70°-80°	9064.3	22.2
80°-90°	1465.2	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°	40743.3	100.0
0°-180°	40743.3	100.0



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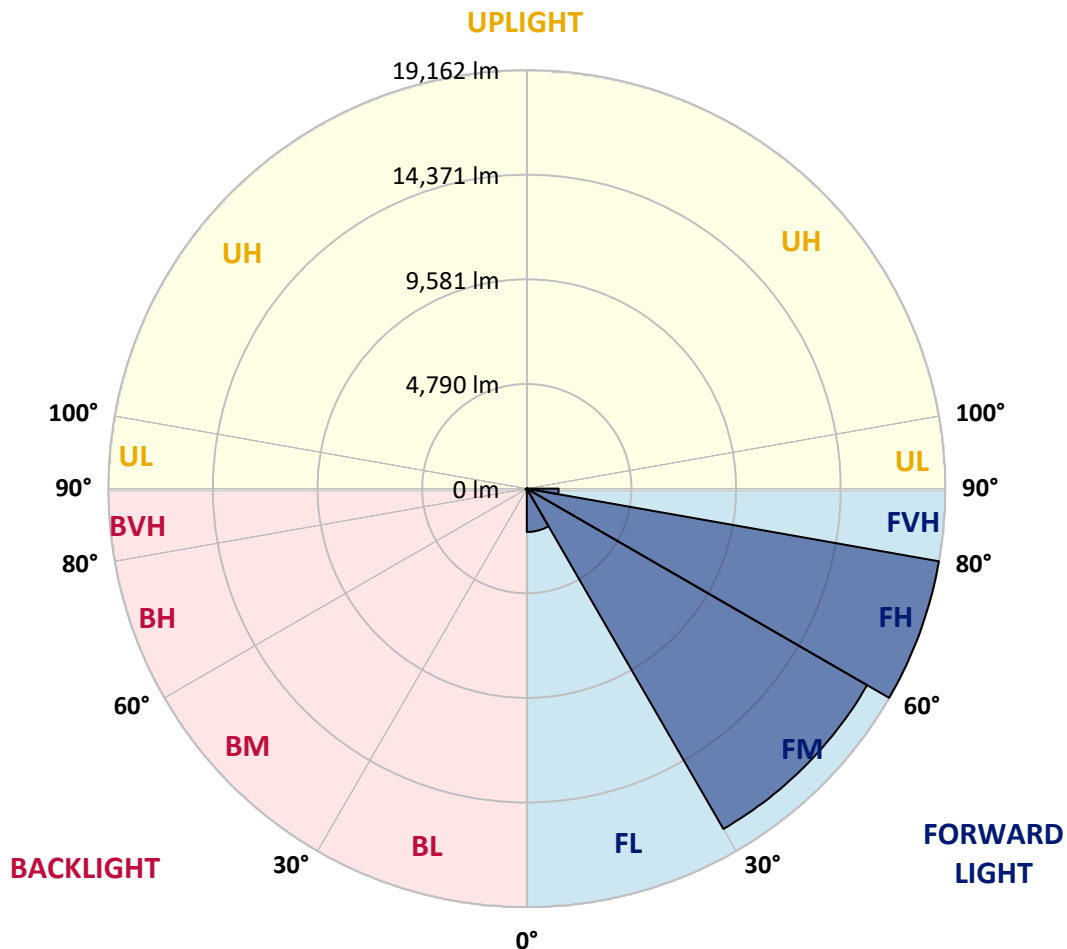
CATALOG NUMBER: GALN-SA8C-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1985.3	4.9			
FM	(30°-60°)	17993.1	44.2			
FH	(60°-80°)	19161.6	47.0			G5
FVH	(80°-90°)	1458.5	3.6			G5
BL	(0°-30°)	35.0	0.1	B0/110		
BM	(30°-60°)	33.5	0.1	B0/220		
BH	(60°-80°)	69.6	0.2	B0/110		G0/110
BVH	(80°-90°)	6.6	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-G5

Type IV Short





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CATALOG NUMBER: GALN-SA8C-850-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4
2.5°	256.5	256.5	256.5	248.2	248.2	245.5	242.7	242.7	237.2	234.4	228.9
5°	388.9	380.6	361.3	350.3	328.2	314.4	300.6	281.3	262.0	248.2	231.7
7.5°	879.8	899.1	835.7	717.1	595.8	543.3	455.1	366.8	303.4	262.0	234.4
10°	2242.3	2231.3	2016.2	1779.0	1373.5	1210.8	948.8	598.5	391.7	286.8	237.2
12.5°	3814.5	3803.4	3549.7	3227.0	2691.9	2352.7	1856.2	1117.0	562.7	325.5	237.2
15°	5135.6	5091.5	5011.5	4691.5	4065.4	3781.4	3124.9	1974.8	910.2	391.7	242.7
17.5°	6009.9	5971.3	5896.8	5781.0	5383.8	5047.3	4520.5	3102.9	1472.8	507.5	253.7
20°	6812.5	6784.9	6724.3	6702.2	6445.7	6266.4	5830.6	4399.2	2294.7	689.5	270.3
22.5°	7915.8	7857.8	7882.7	7750.3	7499.3	7284.2	7016.6	5756.2	3298.7	992.9	300.6
25°	9267.2	9239.6	9170.7	9076.9	8729.4	8541.8	8130.9	7035.9	4421.2	1390.1	333.7
27.5°	10900.0	10869.7	10853.1	10638.0	10238.1	10034.0	9460.3	8244.0	5684.5	1947.2	377.9
30°	12781.1	12794.8	12687.3	12411.5	11945.4	11658.5	11068.3	9509.9	6978.0	2600.9	424.7
32.5°	14728.3	14700.7	14535.2	14209.8	13793.3	13525.7	12775.5	10897.3	8335.0	3464.2	479.9
35°	16827.2	16774.8	16339.0	15966.7	15610.9	15274.4	14590.4	12508.0	9692.0	4432.3	554.4
37.5°	18945.4	18699.9	17825.6	17354.0	17108.5	16832.7	16195.6	14226.3	11040.7	5513.5	645.4
40°	20545.1	20354.8	19317.8	18449.0	18253.1	18018.7	17544.3	15710.2	12474.9	6674.6	755.7
42.5°	21430.5	21325.7	20393.4	19535.7	19075.0	18868.2	18462.8	17006.5	13892.6	7957.1	915.7
45°	21808.3	21645.6	21022.3	20622.3	19888.7	19546.7	19064.0	17985.6	15373.7	9413.4	1139.1
47.5°	21692.5	21598.7	21151.9	21298.1	20765.8	20233.5	19524.6	18735.8	16639.6	11084.8	1445.2
50°	20964.4	20884.4	20746.5	21538.0	21471.8	20843.0	20120.4	19328.8	17673.9	12808.6	1919.6
52.5°	19579.8	19546.7	19899.7	21350.5	21871.8	21380.8	20694.1	19852.8	18639.3	14609.7	2598.1
55°	17795.3	17930.4	18939.9	21058.1	22075.9	21778.0	21201.5	20343.8	19414.3	16220.4	3599.3
57.5°	17061.6	17097.5	18357.9	20851.3	22166.9	22128.3	21695.2	20812.7	20125.9	17508.4	5127.3
60°	17919.4	17864.2	18528.9	21008.5	22348.9	22442.7	22133.8	21248.4	20743.7	18614.4	7162.8
62.5°	19469.5	19439.1	19651.5	21678.7	22881.2	23071.5	22743.3	21562.9	21289.8	19342.6	9485.1
65°	20854.0	20790.6	21185.0	22867.4	23816.2	23951.4	23664.5	22100.7	21529.8	19872.1	11666.8
67.5°	21452.5	21438.7	22073.1	23998.3	24798.1	24944.3	24693.3	22842.6	21474.6	20040.4	12629.4
70°	21179.5	21127.1	22142.1	24478.2	25352.5	25518.0	25275.3	23118.4	20876.1	19508.1	11203.4
71°	20878.9	20738.2	21935.2	24445.1	25429.7	25570.4	25145.6	22867.4	20274.8	18752.4	9909.9
72.5°	19946.6	19971.4	21367.0	24100.3	25244.9	25203.6	24412.0	21968.3	19549.4	17036.8	7959.9
75°	17651.9	17798.0	19527.4	22652.3	23595.6	23068.8	21858.0	20250.0	18093.2	12215.6	5527.2
77.5°	14424.9	14642.8	16543.1	19866.6	19599.1	19546.7	19497.0	17842.2	15450.9	6561.5	3844.8
80°	6887.0	7358.6	9978.8	14182.2	15406.8	15999.8	15627.4	14378.0	11948.1	3124.9	2297.5
82.5°	449.6	444.1	628.8	1191.5	5022.5	6492.6	10315.3	10276.7	8329.5	1522.5	937.8
85°	212.4	217.9	240.0	273.1	317.2	347.5	479.9	2813.3	3985.5	725.4	204.1
87.5°	124.1	126.9	148.9	190.3	248.2	275.8	328.2	422.0	518.5	399.9	44.1
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: P1048663

CATALOG NUMBER: GALN-SA8C-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4	223.4
2.5°	226.2	223.4	215.1	206.9	198.6	193.1	190.3	193.1	193.1	195.8	195.8
5°	226.2	217.9	204.1	187.6	176.5	165.5	160.0	157.2	160.0	160.0	160.0
7.5°	223.4	209.6	190.3	171.0	157.2	143.4	137.9	135.1	135.1	137.9	137.9
10°	217.9	204.1	179.3	157.2	140.7	124.1	115.8	107.6	107.6	107.6	110.3
12.5°	215.1	195.8	165.5	143.4	121.4	102.0	85.5	77.2	80.0	80.0	80.0
15°	209.6	187.6	157.2	129.6	102.0	77.2	63.4	55.2	57.9	60.7	57.9
17.5°	209.6	184.8	146.2	113.1	80.0	57.9	46.9	41.4	41.4	44.1	44.1
20°	209.6	179.3	137.9	96.5	60.7	44.1	33.1	30.3	30.3	35.9	38.6
22.5°	215.1	179.3	126.9	80.0	49.6	33.1	24.8	22.1	24.8	30.3	33.1
25°	223.4	176.5	115.8	71.7	41.4	24.8	19.3	13.8	16.5	22.1	24.8
27.5°	231.7	173.8	104.8	63.4	33.1	19.3	13.8	11.0	8.3	11.0	11.0
30°	240.0	173.8	93.8	52.4	27.6	13.8	8.3	5.5	2.8	0.0	0.0
32.5°	245.5	168.2	85.5	41.4	22.1	11.0	5.5	2.8	0.0	0.0	0.0
35°	251.0	162.7	74.5	33.1	16.5	8.3	2.8	0.0	0.0	0.0	0.0
37.5°	256.5	154.5	63.4	27.6	13.8	5.5	0.0	0.0	0.0	0.0	0.0
40°	262.0	143.4	52.4	24.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	267.5	135.1	44.1	19.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	281.3	129.6	35.9	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	306.1	124.1	33.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	342.0	118.6	30.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	391.7	115.8	27.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	479.9	113.1	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	631.6	110.3	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	968.1	104.8	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1729.3	102.0	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3014.6	104.8	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4321.9	110.3	19.3	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	3698.6	96.5	19.3	11.0	5.5	2.8	0.0	0.0	0.0	0.0	0.0
71°	3014.6	85.5	19.3	11.0	5.5	2.8	2.8	0.0	0.0	0.0	0.0
72.5°	1938.9	66.2	16.5	11.0	5.5	5.5	2.8	0.0	0.0	0.0	0.0
75°	819.2	55.2	16.5	11.0	8.3	5.5	5.5	2.8	0.0	0.0	0.0
77.5°	350.3	41.4	16.5	13.8	11.0	8.3	8.3	5.5	2.8	0.0	0.0
80°	132.4	33.1	19.3	16.5	13.8	13.8	11.0	5.5	2.8	0.0	0.0
82.5°	60.7	27.6	19.3	16.5	16.5	13.8	11.0	8.3	5.5	0.0	0.0
85°	38.6	24.8	19.3	16.5	16.5	13.8	13.8	8.3	5.5	0.0	0.0
87.5°	30.3	24.8	19.3	19.3	16.5	16.5	11.0	8.3	2.8	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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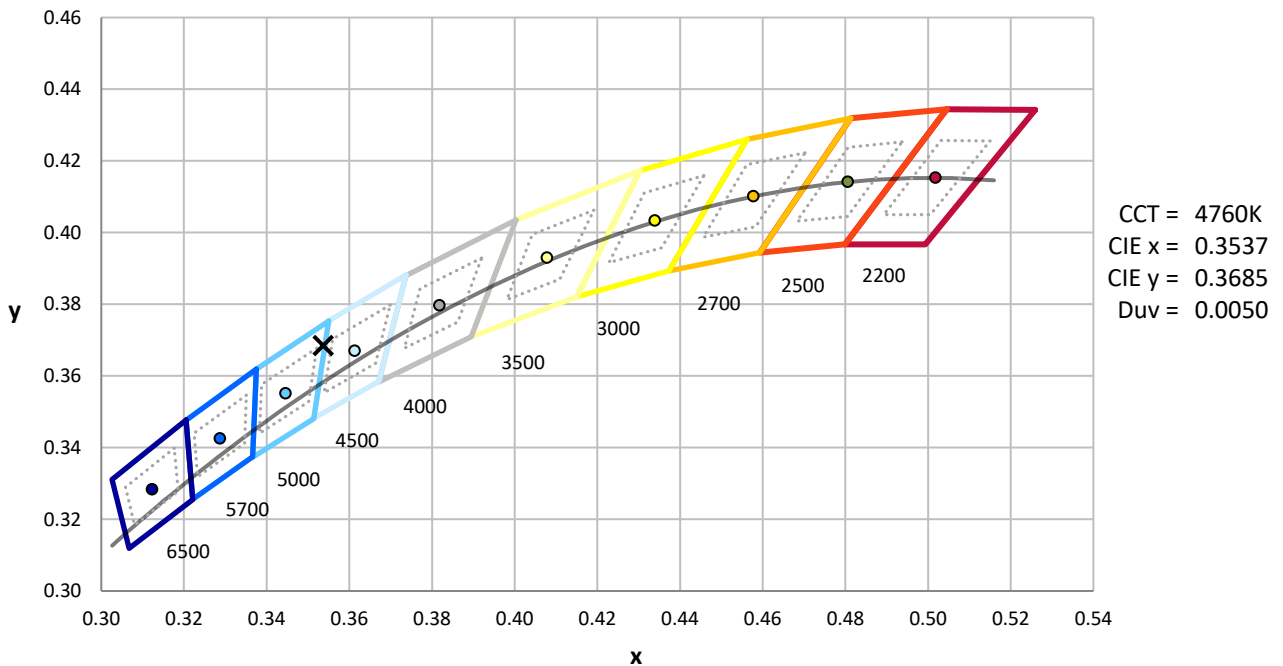
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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

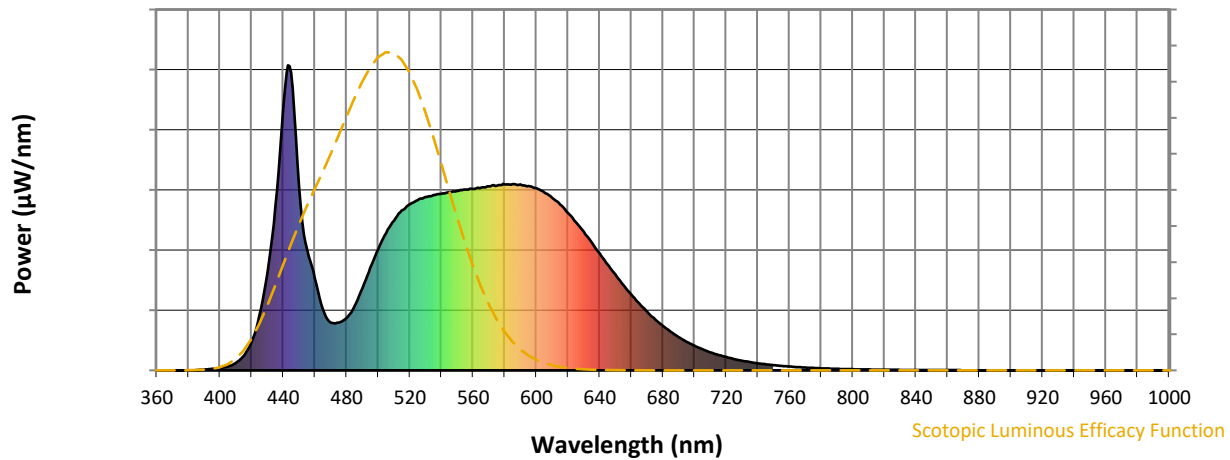


Photopic Lumens: NR

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



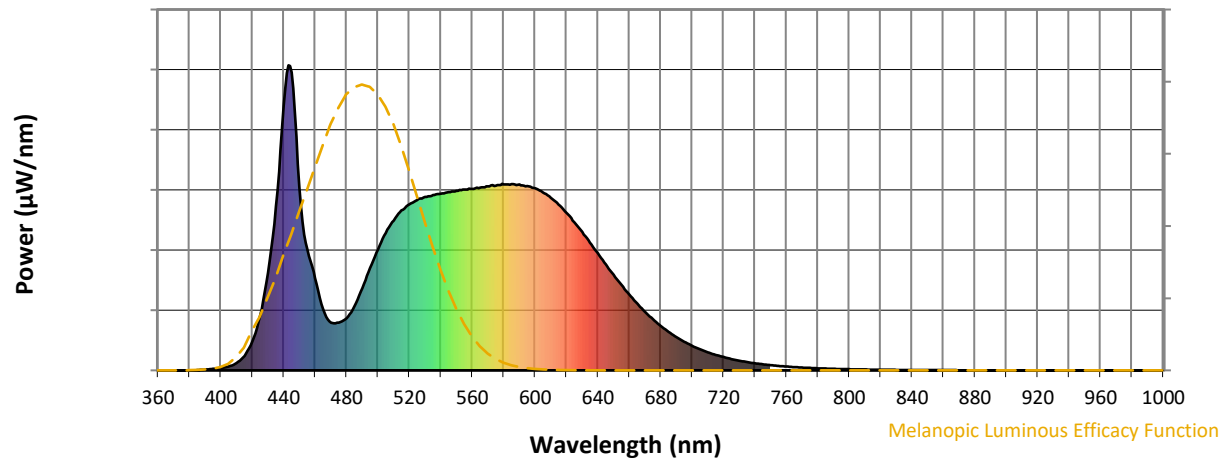
Scotopic Lumens: NR

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

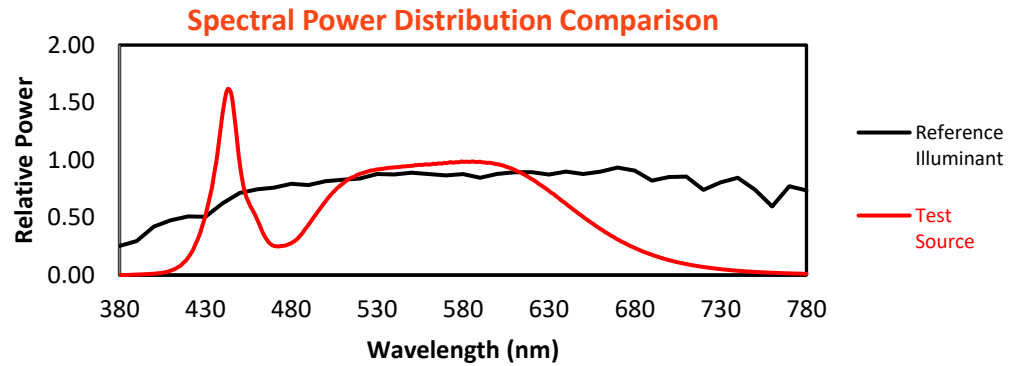
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	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			

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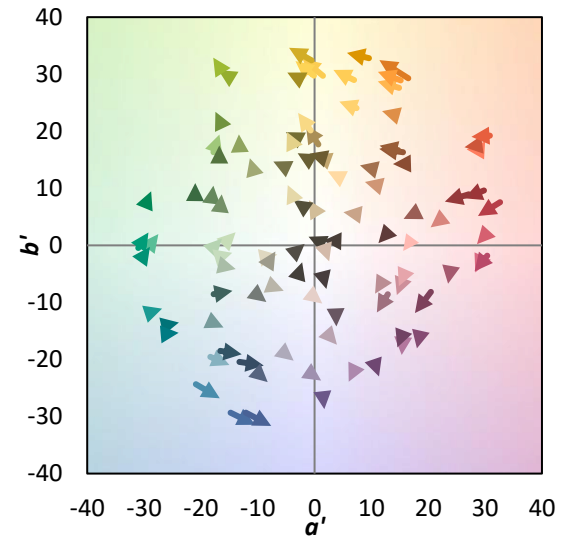
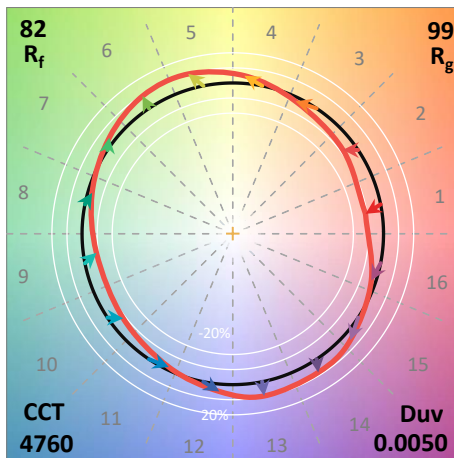
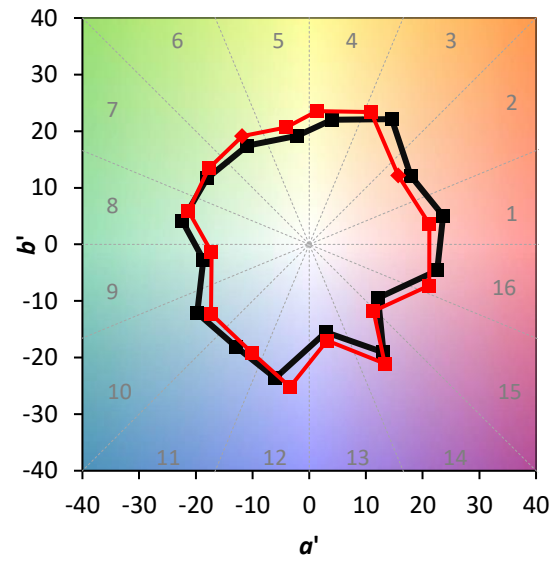
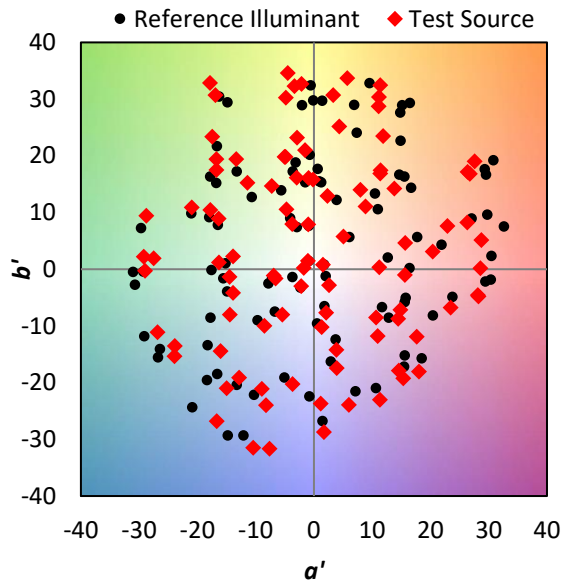
TM-30-18

Summary

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



Color Vector Graphics

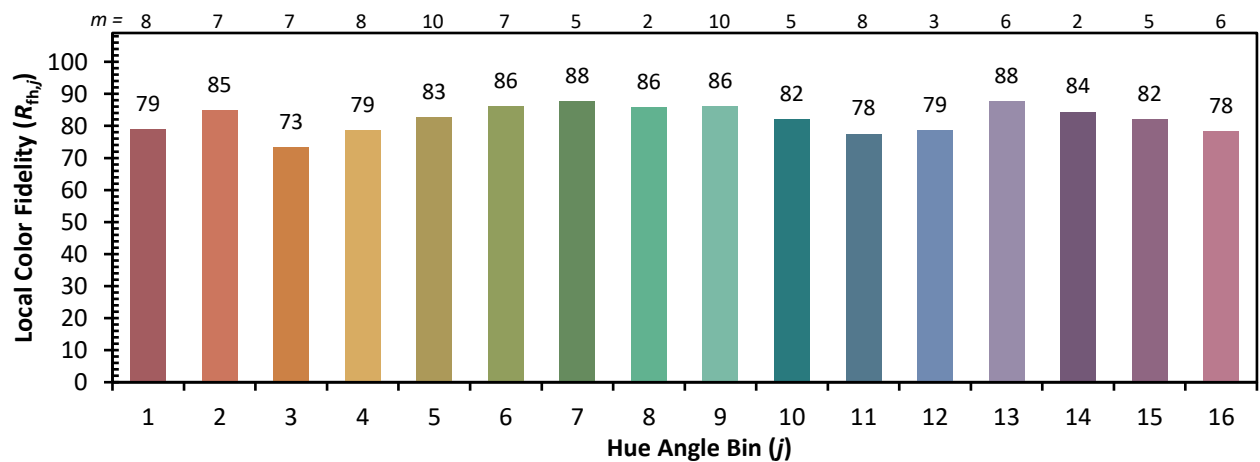
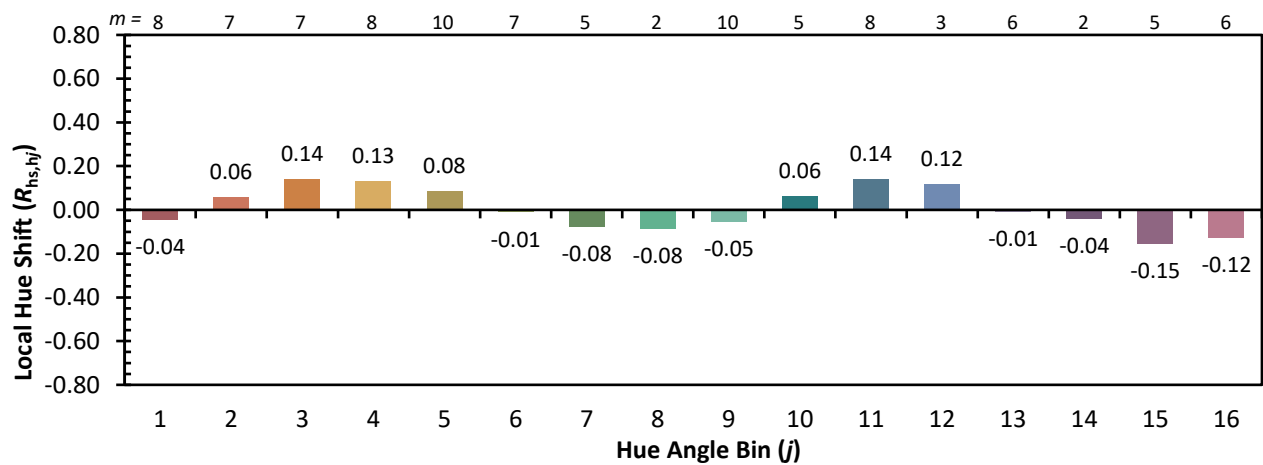


Individual Sample Fidelity Index ($R_{f,i}$)

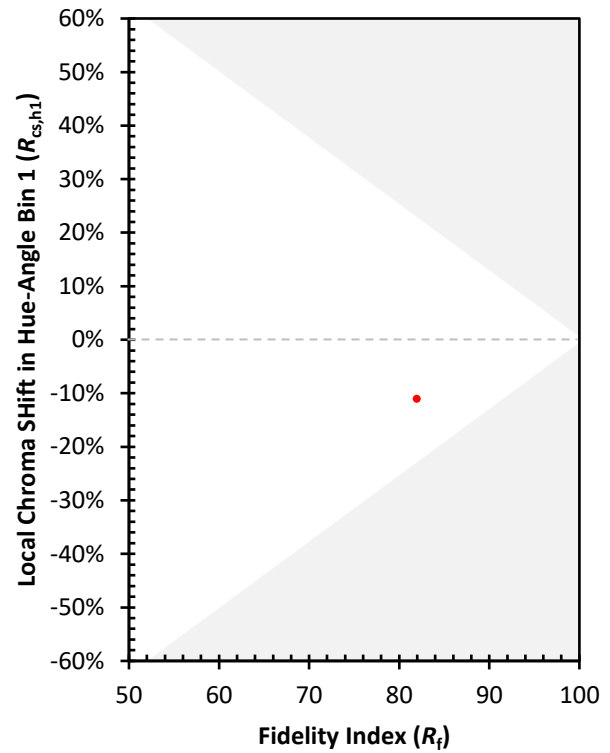
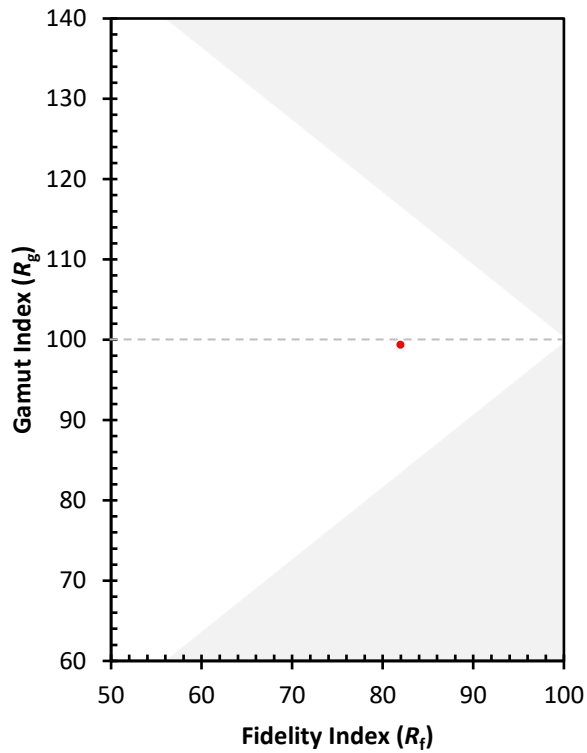
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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