

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: P1048639

Luminaire Tested: **GALN-SA2C-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048639
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10489.7 lumens
Efficiency: N/A
Efficacy: 109.0 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): 96.2
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

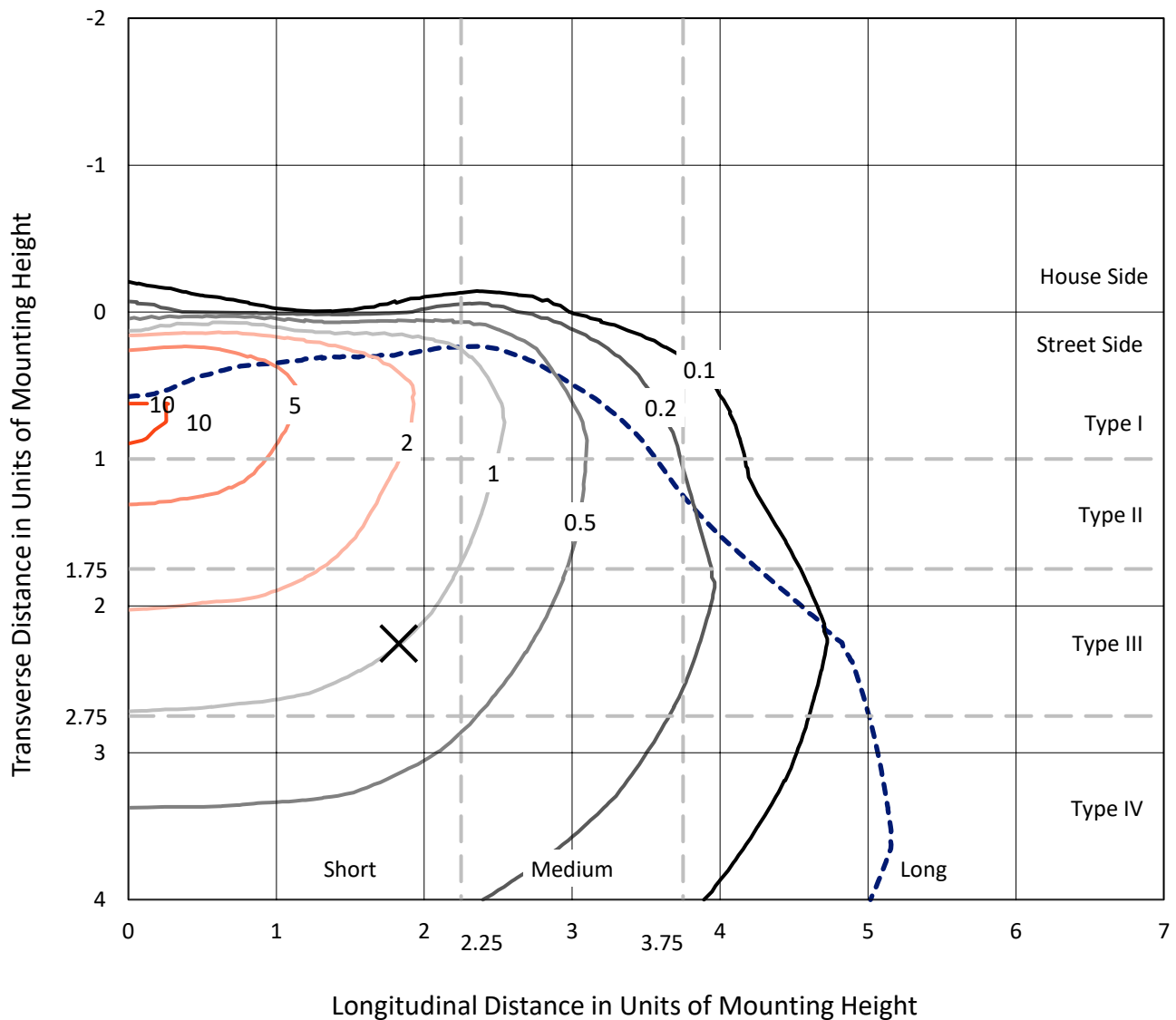


REPORT NUMBER: P1048639

CATALOG NUMBER: GALN-SA2C-850-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

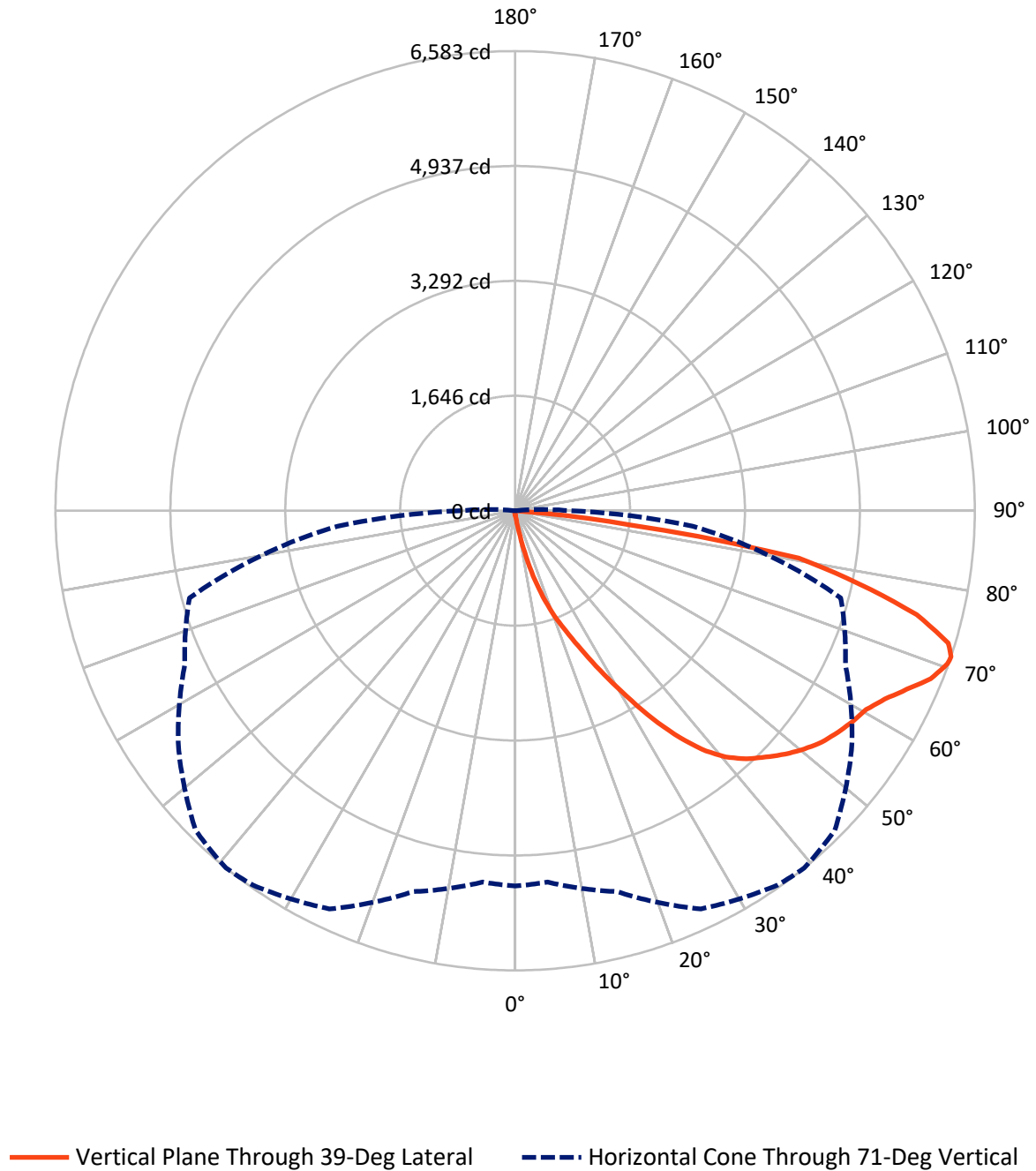


Based on 15 foot mounting height. Maximum calculated value = 10.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048639

CATALOG NUMBER: GALN-SA2C-850-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048639

CATALOG NUMBER: GALN-SA2C-850-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	37.3	0.0	37.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10452.4	0.0	10452.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	10489.7	0.0	10489.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	0.1
10°-20°	112.1	1.1
20°-30°	399.3	3.8
30°-40°	962.3	9.2
40°-50°	1610.4	15.4
50°-60°	2068.4	19.7
60°-70°	2617.6	25.0
70°-80°	2333.7	22.2
80°-90°	377.2	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°	10489.7	100.0
0°-180°	10489.7	100.0



REPORT NUMBER: P1048639

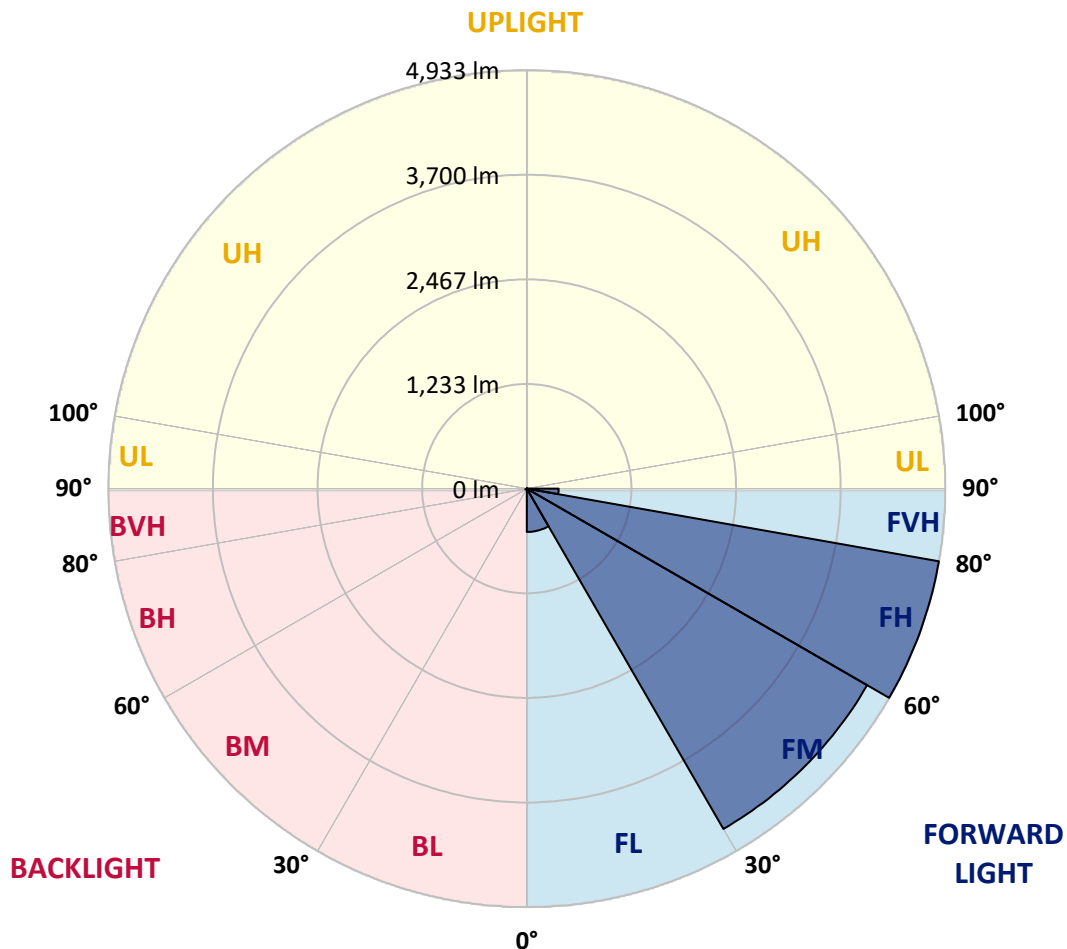
CATALOG NUMBER: GALN-SA2C-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	511.1	4.9			
FM	(30°-60°)	4632.4	44.2			
FH	(60°-80°)	4933.3	47.0			G2/5000
FVH	(80°-90°)	375.5	3.6			G3/500
BL	(0°-30°)	9.0	0.1	B0/110		
BM	(30°-60°)	8.6	0.1	B0/220		
BH	(60°-80°)	17.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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-G3

Type IV Short



REPORT NUMBER: P1048639

CATALOG NUMBER: GALN-SA2C-850-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
2.5°	66.0	66.0	66.0	63.9	63.9	63.2	62.5	62.5	61.1	60.4	58.9
5°	100.1	98.0	93.0	90.2	84.5	81.0	77.4	72.4	67.5	63.9	59.6
7.5°	226.5	231.5	215.2	184.6	153.4	139.9	117.2	94.4	78.1	67.5	60.4
10°	577.3	574.5	519.1	458.0	353.6	311.7	244.3	154.1	100.8	73.8	61.1
12.5°	982.1	979.2	913.9	830.8	693.1	605.7	477.9	287.6	144.9	83.8	61.1
15°	1322.2	1310.8	1290.2	1207.9	1046.7	973.5	804.5	508.4	234.3	100.8	62.5
17.5°	1547.3	1537.4	1518.2	1488.4	1386.1	1299.5	1163.8	798.9	379.2	130.7	65.3
20°	1753.9	1746.8	1731.2	1725.5	1659.5	1613.3	1501.1	1132.6	590.8	177.5	69.6
22.5°	2038.0	2023.1	2029.5	1995.4	1930.7	1875.4	1806.5	1482.0	849.3	255.6	77.4
25°	2385.9	2378.8	2361.1	2336.9	2247.4	2199.2	2093.4	1811.5	1138.3	357.9	85.9
27.5°	2806.3	2798.5	2794.2	2738.8	2635.9	2583.3	2435.6	2122.5	1463.5	501.3	97.3
30°	3290.6	3294.1	3266.4	3195.4	3075.4	3001.6	2849.6	2448.4	1796.5	669.6	109.4
32.5°	3791.9	3784.8	3742.2	3658.4	3551.2	3482.3	3289.2	2805.6	2145.9	891.9	123.6
35°	4332.3	4318.8	4206.6	4110.7	4019.1	3932.5	3756.4	3220.3	2495.3	1141.1	142.7
37.5°	4877.6	4814.4	4589.3	4467.9	4404.7	4333.7	4169.7	3662.7	2842.5	1419.5	166.2
40°	5289.5	5240.5	4973.5	4749.8	4699.4	4639.0	4516.9	4044.7	3211.8	1718.4	194.6
42.5°	5517.4	5490.5	5250.4	5029.6	4911.0	4857.8	4753.4	4378.4	3576.7	2048.6	235.8
45°	5614.7	5572.8	5412.3	5309.4	5120.5	5032.4	4908.2	4630.5	3958.1	2423.6	293.3
47.5°	5584.9	5560.7	5445.7	5483.3	5346.3	5209.3	5026.8	4823.7	4284.0	2853.9	372.1
50°	5397.4	5376.8	5341.3	5545.1	5528.1	5366.2	5180.1	4976.3	4550.3	3297.7	494.2
52.5°	5041.0	5032.4	5123.3	5496.8	5631.0	5504.7	5327.8	5111.3	4798.8	3761.4	668.9
55°	4581.5	4616.3	4876.2	5421.6	5683.6	5606.9	5458.5	5237.7	4998.4	4176.1	926.7
57.5°	4392.6	4401.9	4726.4	5368.3	5707.0	5697.1	5585.6	5358.4	5181.6	4507.7	1320.1
60°	4613.5	4599.3	4770.4	5408.8	5753.9	5778.0	5698.5	5470.6	5340.6	4792.4	1844.1
62.5°	5012.6	5004.7	5059.4	5581.3	5890.9	5939.9	5855.4	5551.5	5481.2	4979.9	2442.0
65°	5369.0	5352.7	5454.2	5887.4	6131.7	6166.5	6092.6	5690.0	5543.0	5116.2	3003.7
67.5°	5523.1	5519.6	5682.9	6178.5	6384.5	6422.1	6357.5	5881.0	5528.8	5159.5	3251.5
70°	5452.8	5439.3	5700.6	6302.1	6527.2	6569.8	6507.3	5952.0	5374.7	5022.5	2884.4
71°	5375.4	5339.2	5647.4	6293.6	6547.1	6583.3	6473.9	5887.4	5219.9	4827.9	2551.4
72.5°	5135.4	5141.8	5501.1	6204.8	6499.5	6488.8	6285.0	5655.9	5033.1	4386.3	2049.3
75°	4544.6	4582.2	5027.5	5832.0	6074.9	5939.2	5627.5	5213.5	4658.2	3145.0	1423.0
77.5°	3713.8	3769.9	4259.1	5114.8	5045.9	5032.4	5019.7	4593.6	3977.9	1689.3	989.9
80°	1773.1	1894.5	2569.1	3651.3	3966.6	4119.3	4023.4	3701.7	3076.1	804.5	591.5
82.5°	115.7	114.3	161.9	306.8	1293.1	1671.6	2655.8	2645.8	2144.5	392.0	241.4
85°	54.7	56.1	61.8	70.3	81.7	89.5	123.6	724.3	1026.1	186.8	52.5
87.5°	32.0	32.7	38.3	49.0	63.9	71.0	84.5	108.6	133.5	103.0	11.4
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: P1048639

CATALOG NUMBER: GALN-SA2C-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
2.5°	58.2	57.5	55.4	53.3	51.1	49.7	49.0	49.7	49.7	50.4	50.4
5°	58.2	56.1	52.5	48.3	45.4	42.6	41.2	40.5	41.2	41.2	41.2
7.5°	57.5	54.0	49.0	44.0	40.5	36.9	35.5	34.8	34.8	35.5	35.5
10°	56.1	52.5	46.2	40.5	36.2	32.0	29.8	27.7	27.7	27.7	28.4
12.5°	55.4	50.4	42.6	36.9	31.2	26.3	22.0	19.9	20.6	20.6	20.6
15°	54.0	48.3	40.5	33.4	26.3	19.9	16.3	14.2	14.9	15.6	14.9
17.5°	54.0	47.6	37.6	29.1	20.6	14.9	12.1	10.7	10.7	11.4	11.4
20°	54.0	46.2	35.5	24.9	15.6	11.4	8.5	7.8	7.8	9.2	9.9
22.5°	55.4	46.2	32.7	20.6	12.8	8.5	6.4	5.7	6.4	7.8	8.5
25°	57.5	45.4	29.8	18.5	10.7	6.4	5.0	3.6	4.3	5.7	6.4
27.5°	59.6	44.7	27.0	16.3	8.5	5.0	3.6	2.8	2.1	2.8	2.8
30°	61.8	44.7	24.1	13.5	7.1	3.6	2.1	1.4	0.7	0.0	0.0
32.5°	63.2	43.3	22.0	10.7	5.7	2.8	1.4	0.7	0.0	0.0	0.0
35°	64.6	41.9	19.2	8.5	4.3	2.1	0.7	0.0	0.0	0.0	0.0
37.5°	66.0	39.8	16.3	7.1	3.6	1.4	0.0	0.0	0.0	0.0	0.0
40°	67.5	36.9	13.5	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	68.9	34.8	11.4	5.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	72.4	33.4	9.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	78.8	32.0	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	88.1	30.5	7.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	100.8	29.8	7.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	123.6	29.1	6.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	162.6	28.4	6.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	249.2	27.0	6.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	445.2	26.3	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	776.1	27.0	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1112.7	28.4	5.0	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	952.2	24.9	5.0	2.8	1.4	0.7	0.0	0.0	0.0	0.0	0.0
71°	776.1	22.0	5.0	2.8	1.4	0.7	0.7	0.0	0.0	0.0	0.0
72.5°	499.2	17.0	4.3	2.8	1.4	1.4	0.7	0.0	0.0	0.0	0.0
75°	210.9	14.2	4.3	2.8	2.1	1.4	1.4	0.7	0.0	0.0	0.0
77.5°	90.2	10.7	4.3	3.6	2.8	2.1	2.1	1.4	0.7	0.0	0.0
80°	34.1	8.5	5.0	4.3	3.6	3.6	2.8	1.4	0.7	0.0	0.0
82.5°	15.6	7.1	5.0	4.3	4.3	3.6	2.8	2.1	1.4	0.0	0.0
85°	9.9	6.4	5.0	4.3	4.3	3.6	3.6	2.1	1.4	0.0	0.0
87.5°	7.8	6.4	5.0	5.0	4.3	4.3	2.8	2.1	0.7	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

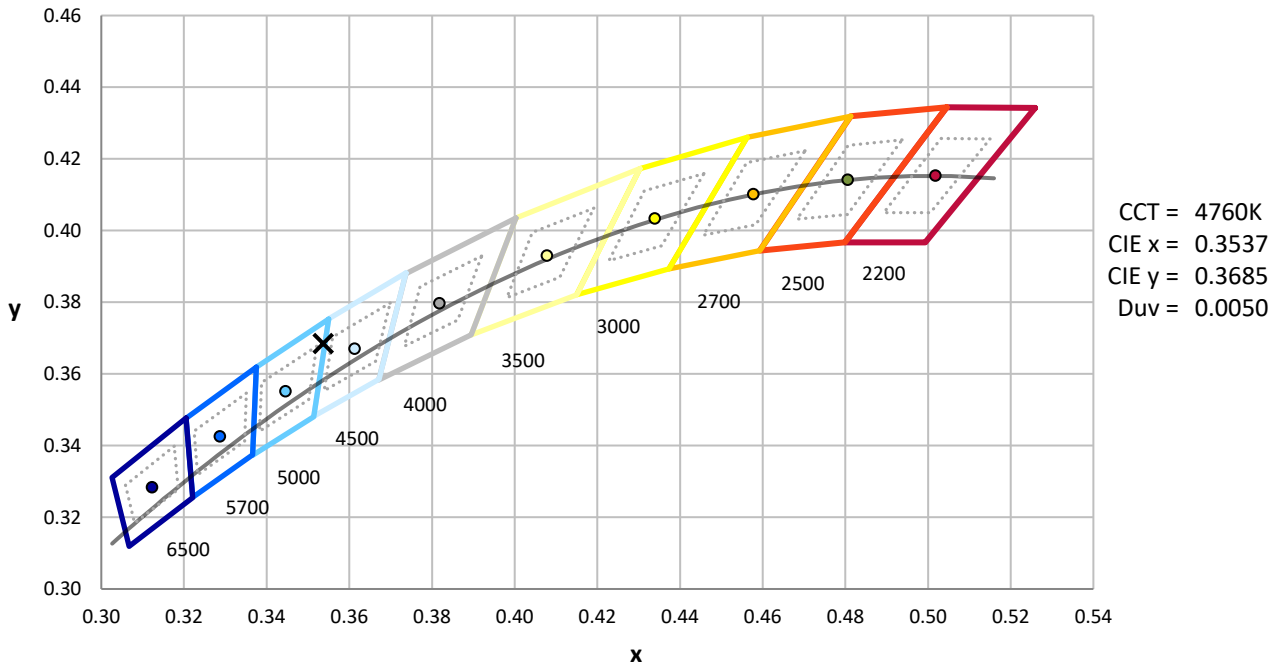
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

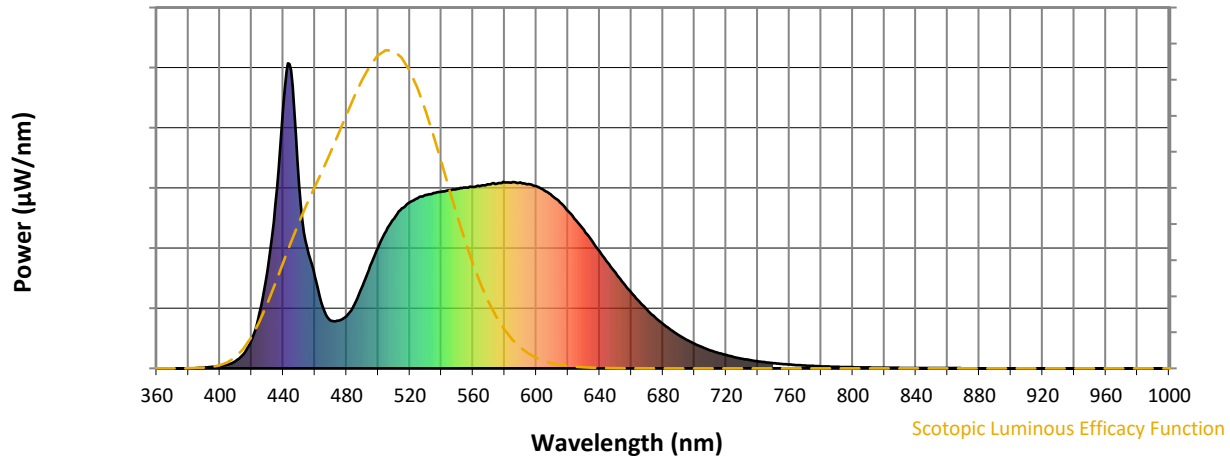


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



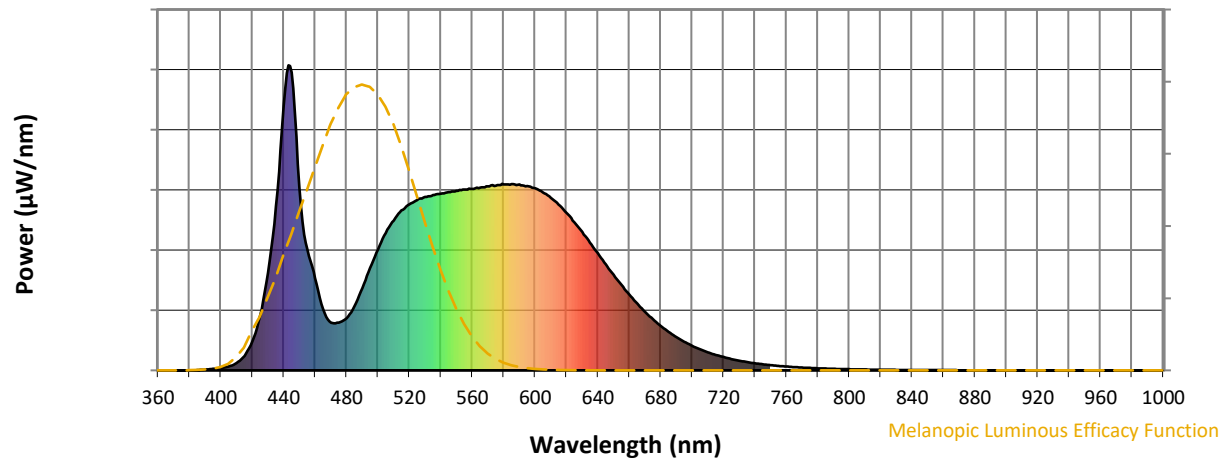
Scotopic Lumens: NR

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

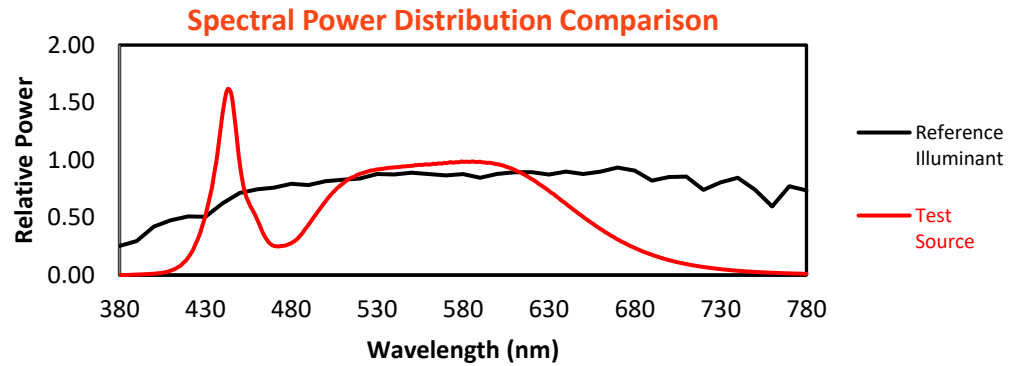
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517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

REPORT NUMBER: SP1-2407-184-12

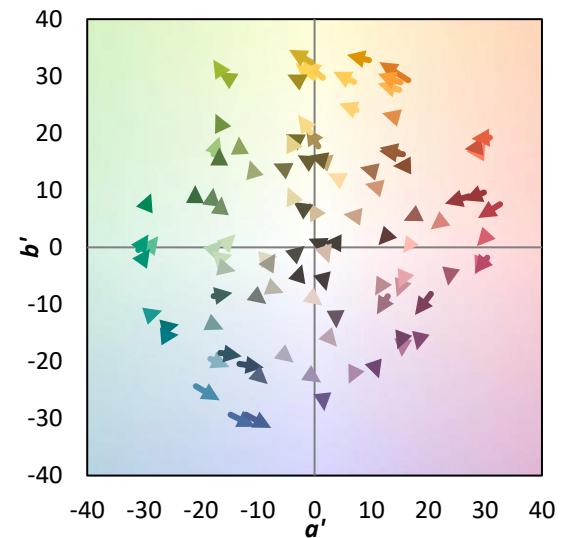
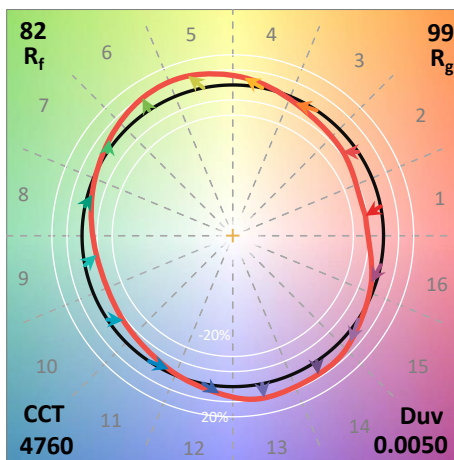
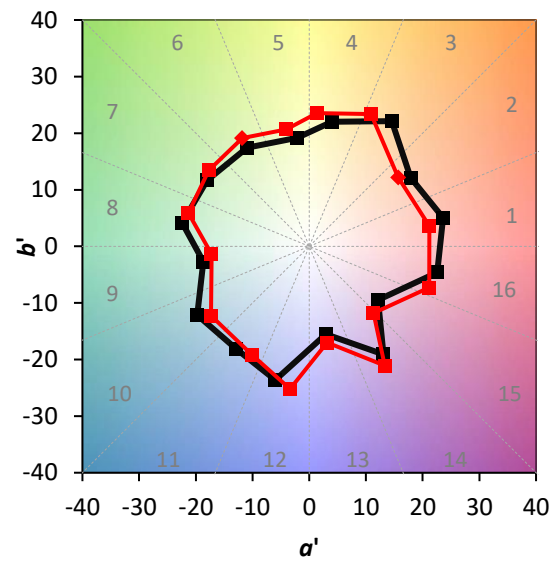
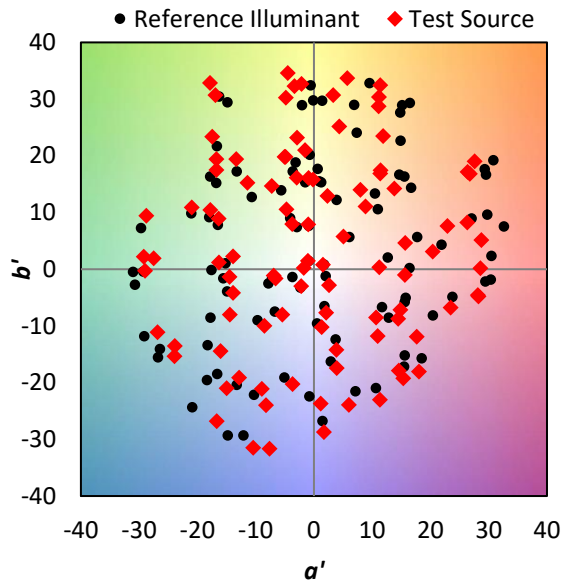
TM-30-18

Summary

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



Color Vector Graphics

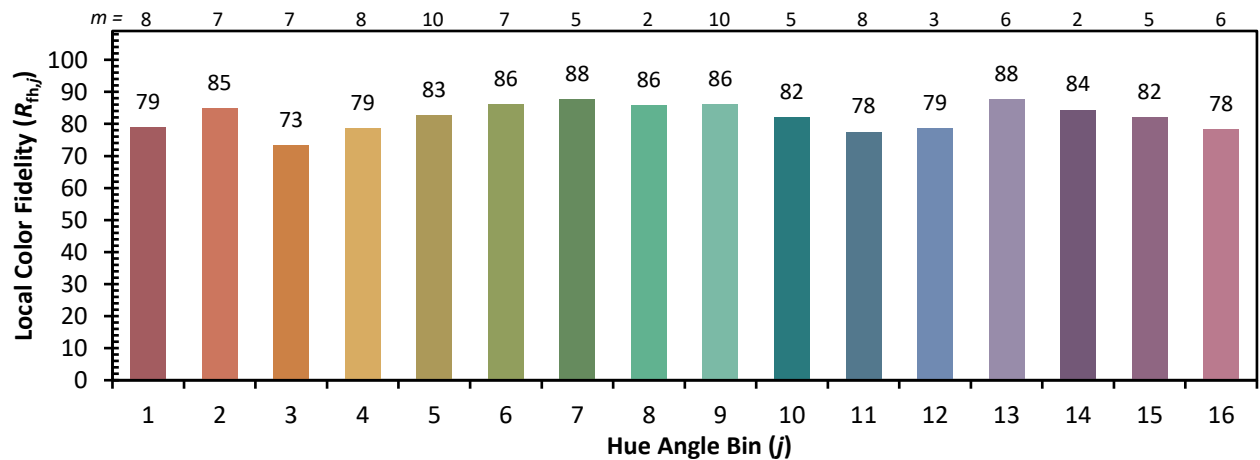
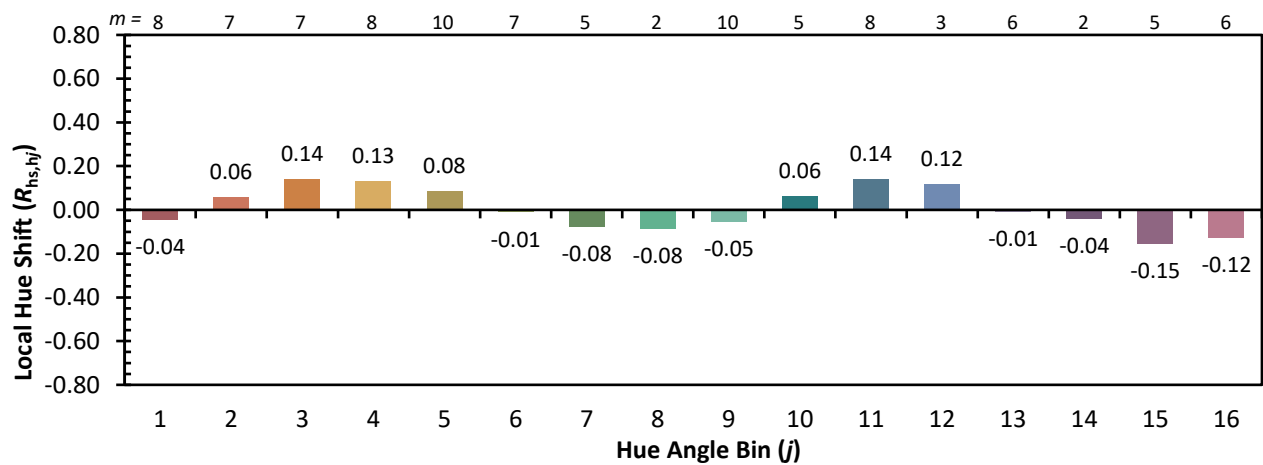


Individual Sample Fidelity Index ($R_{f,i}$)

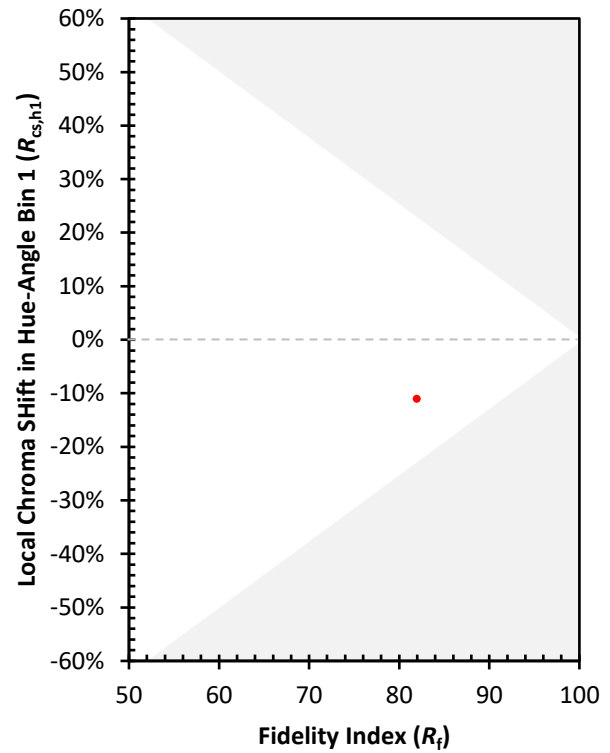
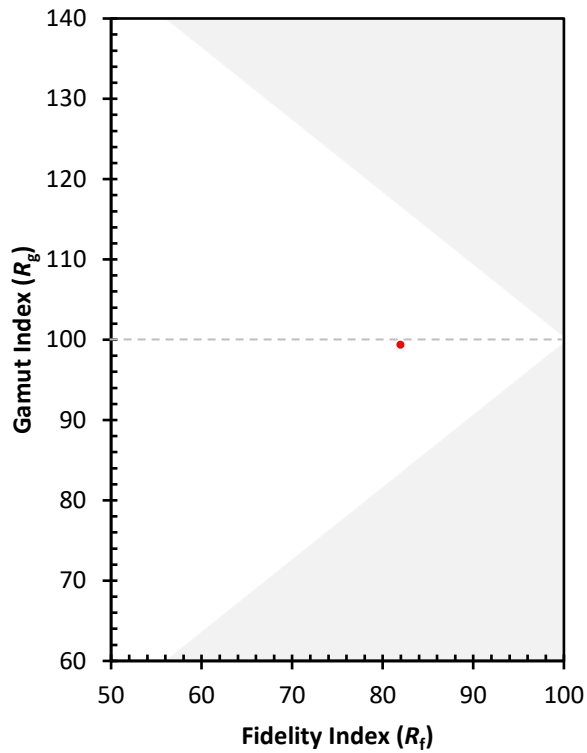
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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