

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: P1047433

Luminaire Tested: **GALN-SA7A-850-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047433
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-850-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23790.2 lumens
Efficiency: N/A
Efficacy: 123.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
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

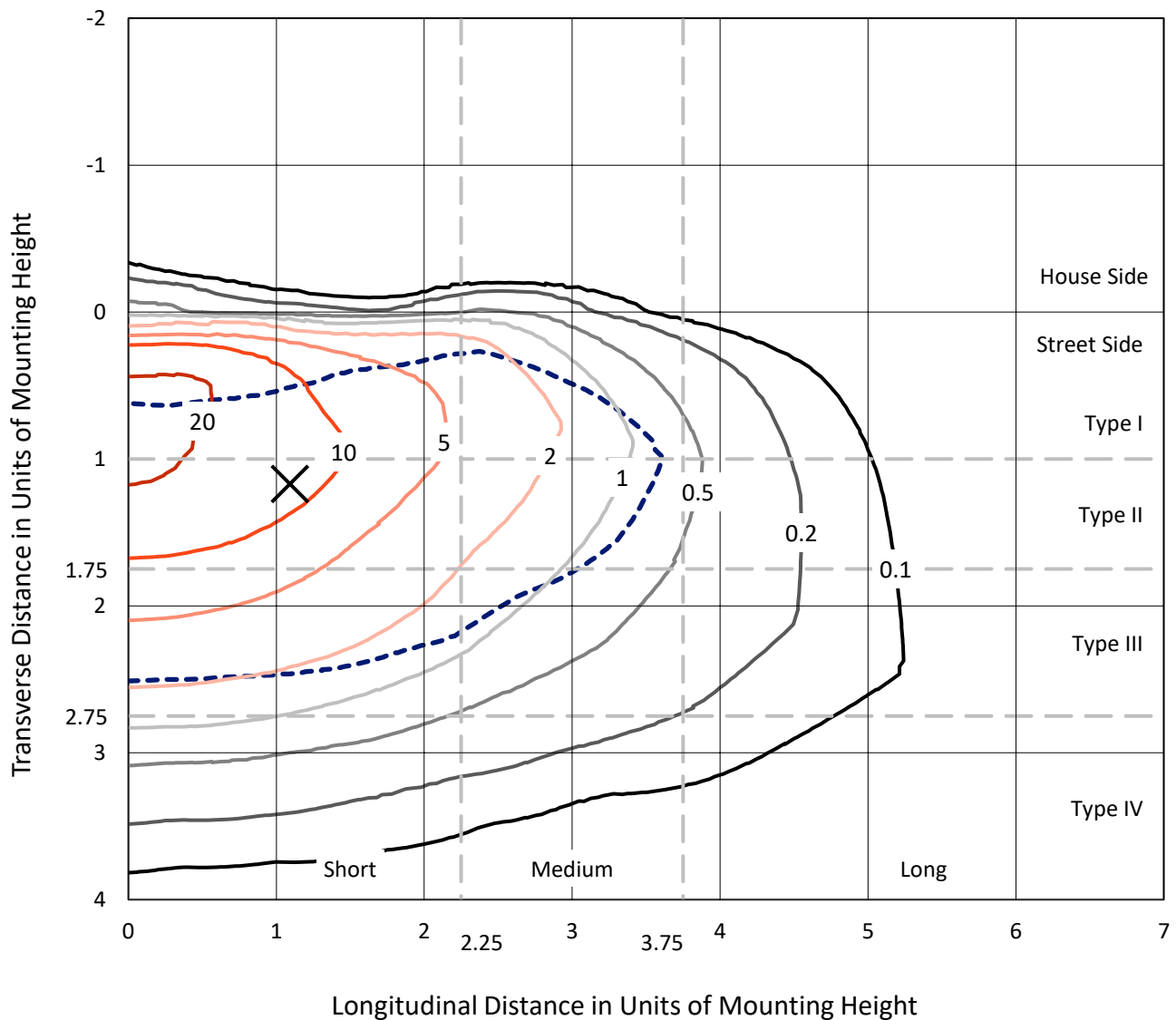


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

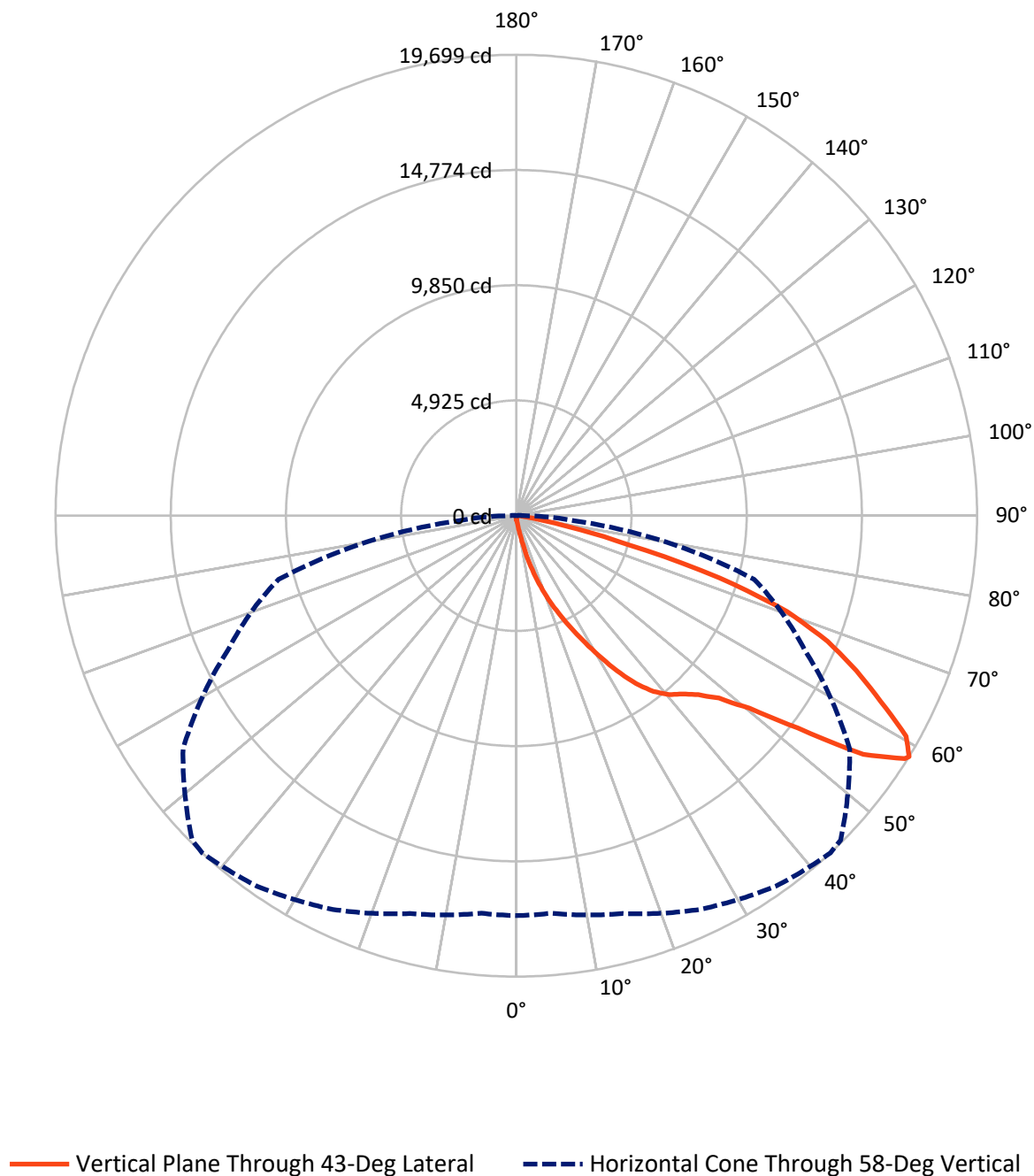


Based on 15 foot mounting height. Maximum calculated value = 26.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SA7A-850-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	86.8	0.0	86.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23703.4	0.0	23703.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	23790.2	0.0	23790.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	0.1
10°-20°	273.5	1.1
20°-30°	985.7	4.1
30°-40°	2255.2	9.5
40°-50°	3803.6	16.0
50°-60°	6276.8	26.4
60°-70°	7015.2	29.5
70°-80°	2896.5	12.2
80°-90°	261.1	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°	23790.2	100.0
0°-180°	23790.2	100.0



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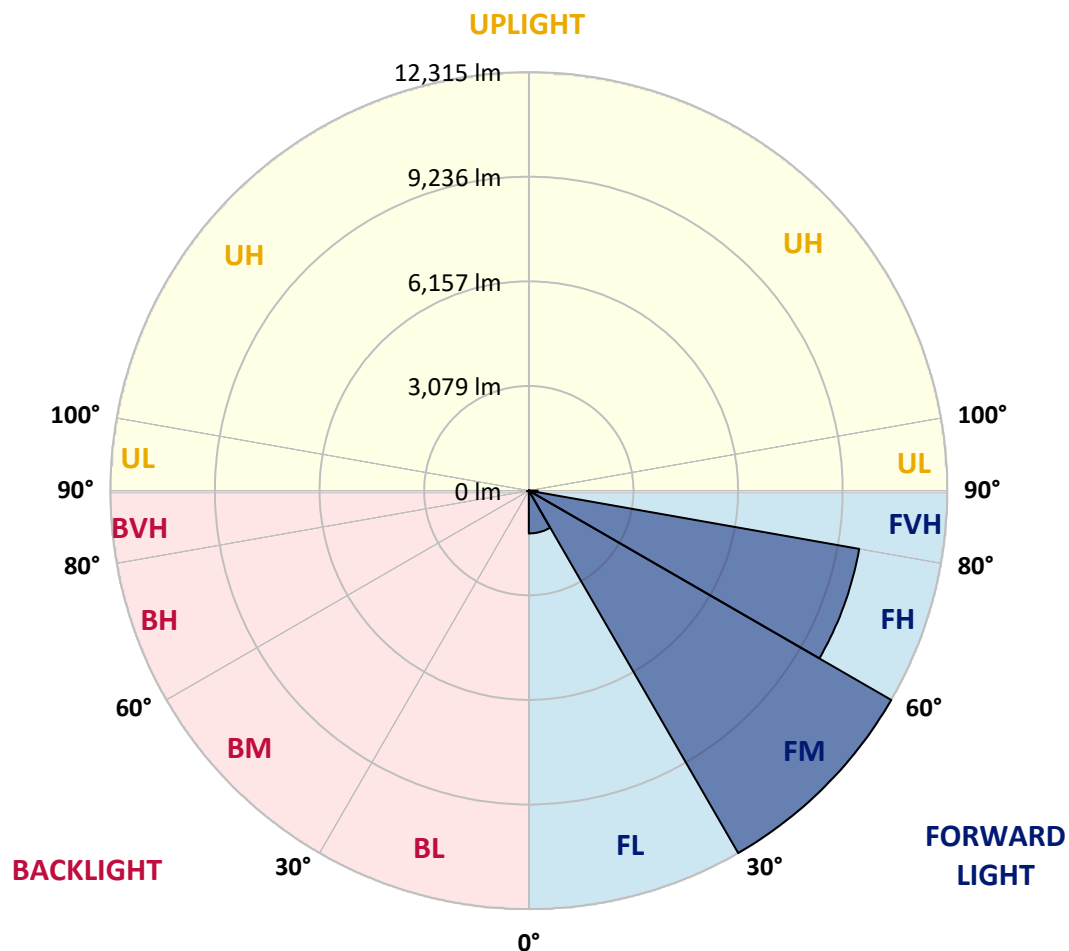
CATALOG NUMBER: GALN-SA7A-850-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1259.3	5.3			
FM	(30°-60°)	12314.7	51.8			
FH	(60°-80°)	9871.8	41.5			G4/12000
FVH	(80°-90°)	257.5	1.1			G3/500
BL	(0°-30°)	22.6	0.1	B0/110		
BM	(30°-60°)	20.8	0.1	B0/220		
BH	(60°-80°)	39.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G4

Type III Short





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CATALOG NUMBER: GALN-SA7A-850-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6
2.5°	186.7	192.9	186.7	186.7	186.7	180.4	180.4	174.2	174.2	168.0	161.8
5°	273.8	273.8	255.1	242.7	230.2	224.0	217.8	205.3	192.9	180.4	168.0
7.5°	609.8	609.8	553.8	479.1	379.5	323.6	311.1	255.1	217.8	192.9	168.0
10°	1456.0	1456.0	1331.5	1126.2	871.1	647.1	578.7	367.1	261.3	205.3	174.2
12.5°	2420.4	2451.5	2296.0	2034.6	1655.1	1263.1	1126.2	672.0	348.4	224.0	174.2
15°	3285.3	3210.6	3167.1	2918.2	2557.3	2090.6	1916.4	1132.4	504.0	255.1	174.2
17.5°	3870.2	3870.2	3807.9	3639.9	3310.2	2899.5	2756.4	1829.3	815.1	292.4	180.4
20°	4554.6	4554.6	4442.6	4324.4	4031.9	3683.5	3546.6	2600.8	1263.1	373.3	180.4
22.5°	5382.1	5394.6	5270.1	5058.6	4778.6	4392.8	4274.6	3316.4	1829.3	497.8	186.7
25°	6390.1	6402.6	6222.1	6023.0	5593.7	5176.8	4996.4	4137.7	2520.0	696.9	186.7
27.5°	7503.9	7591.0	7323.4	6981.2	6527.0	6004.3	5867.5	4878.1	3204.4	983.1	199.1
30°	8891.4	8891.4	8536.7	8057.6	7566.1	6919.0	6744.8	5655.9	3932.4	1362.6	211.6
32.5°	10086.1	9992.7	9538.5	9034.5	8511.9	7908.3	7721.7	6471.0	4679.0	1835.5	236.4
35°	11000.7	10919.8	10359.8	9818.5	9364.3	8810.5	8586.5	7354.5	5469.2	2370.6	273.8
37.5°	11784.7	11753.6	10994.5	10316.3	10017.6	9532.3	9333.2	8188.3	6247.0	2949.3	317.3
40°	12643.3	12543.8	11734.9	10894.9	10446.9	10054.9	9874.5	8860.3	6993.7	3627.5	379.5
42.5°	13377.6	13259.3	12531.3	11710.0	10944.7	10415.8	10241.6	9426.5	7721.7	4305.7	460.4
45°	14192.7	14130.4	13396.2	12774.0	11753.6	10907.4	10677.2	9880.7	8387.4	5114.6	566.2
47.5°	15418.4	15306.4	14622.0	14111.8	12929.6	11654.0	11324.3	10347.4	9028.3	5911.0	728.0
50°	16843.3	16768.6	16364.2	15959.7	14783.8	12929.6	12537.6	11019.4	9743.8	6856.8	939.5
52.5°	18006.8	17994.4	18044.1	18050.4	17160.6	15076.2	14491.3	12102.0	10565.2	7790.1	1238.2
55°	17981.9	18037.9	18585.5	19213.9	19282.3	18006.8	17440.6	13925.1	11635.4	8941.2	1655.1
57.5°	17309.9	17266.4	17845.0	18790.8	19456.6	19593.5	19500.1	16756.2	13246.9	10328.7	2296.0
58°	17092.2	17054.8	17602.4	18566.8	19332.1	19699.2	19605.9	17397.0	13607.8	10527.8	2470.2
60°	16302.0	16308.2	16631.7	17509.0	18274.4	19145.5	19232.6	19226.3	15406.0	11859.4	3347.5
62.5°	15256.6	15206.9	15505.5	16221.1	16893.1	17477.9	17627.3	19350.8	18037.9	13551.8	5021.3
65°	13813.1	13738.4	14055.8	14864.6	15586.4	15966.0	15972.2	17683.3	19276.1	15368.6	7410.5
67.5°	11131.4	11069.2	11703.8	12742.9	13856.7	14354.4	14578.4	15343.7	18230.8	16600.6	8779.4
70°	6819.4	6950.1	7833.6	9463.8	11367.8	12282.5	12618.5	12854.9	15524.2	16414.0	7342.1
72.5°	3148.4	2992.8	3745.7	4884.4	7055.9	9090.5	9439.0	10366.1	12307.4	14248.7	5475.5
75°	1468.4	1412.4	1586.6	2134.2	3198.2	4909.3	5543.9	8275.4	9439.0	9911.8	3951.0
77.5°	752.9	759.1	902.2	970.7	1319.1	2271.1	2607.1	5444.4	6919.0	5531.5	2650.6
80°	329.8	342.2	348.4	379.5	535.1	877.3	989.3	2526.2	4728.8	2818.6	1449.8
82.5°	211.6	217.8	217.8	217.8	255.1	348.4	398.2	1014.2	2358.2	1400.0	448.0
85°	112.0	112.0	124.4	155.6	180.4	211.6	224.0	323.6	777.8	416.9	105.8
87.5°	62.2	68.4	74.7	93.3	118.2	143.1	155.6	224.0	298.7	286.2	24.9
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-SA7A-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6
2.5°	161.8	155.6	149.3	143.1	136.9	130.7	130.7	130.7	130.7	130.7	130.7
5°	155.6	149.3	143.1	130.7	118.2	112.0	105.8	99.6	99.6	99.6	99.6
7.5°	155.6	149.3	130.7	118.2	105.8	93.3	80.9	80.9	80.9	80.9	80.9
10°	155.6	143.1	124.4	105.8	87.1	74.7	68.4	62.2	62.2	62.2	62.2
12.5°	155.6	136.9	118.2	93.3	74.7	62.2	56.0	49.8	49.8	49.8	49.8
15°	155.6	136.9	112.0	87.1	68.4	49.8	43.6	37.3	37.3	37.3	37.3
17.5°	149.3	130.7	105.8	74.7	56.0	37.3	31.1	24.9	24.9	31.1	31.1
20°	143.1	124.4	93.3	62.2	43.6	31.1	18.7	18.7	18.7	18.7	18.7
22.5°	143.1	124.4	87.1	56.0	37.3	18.7	12.4	12.4	12.4	12.4	18.7
25°	143.1	118.2	74.7	43.6	24.9	12.4	6.2	6.2	6.2	6.2	6.2
27.5°	143.1	118.2	68.4	37.3	18.7	12.4	6.2	0.0	0.0	0.0	0.0
30°	136.9	112.0	62.2	31.1	12.4	6.2	0.0	0.0	0.0	0.0	0.0
32.5°	136.9	105.8	49.8	24.9	12.4	6.2	0.0	0.0	0.0	0.0	0.0
35°	143.1	99.6	43.6	18.7	6.2	0.0	0.0	0.0	0.0	0.0	6.2
37.5°	149.3	93.3	37.3	12.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	155.6	87.1	37.3	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	168.0	87.1	31.1	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	180.4	87.1	24.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	205.3	93.3	24.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	224.0	99.6	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	248.9	93.3	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	280.0	93.3	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	304.9	87.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	317.3	80.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	379.5	74.7	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	591.1	62.2	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1200.9	56.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2240.0	49.8	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2507.5	56.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1580.4	43.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	833.8	43.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	416.9	43.6	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	192.9	31.1	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	80.9	18.7	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	37.3	18.7	12.4	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0
87.5°	18.7	18.7	18.7	12.4	12.4	6.2	6.2	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

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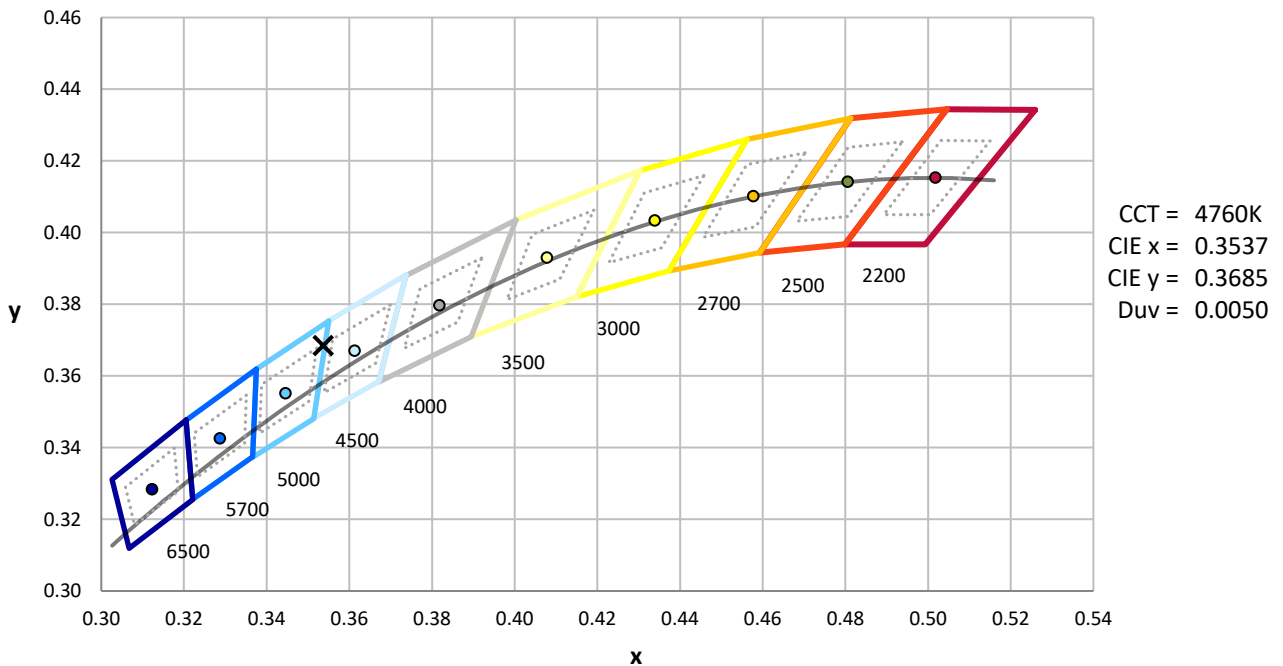
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

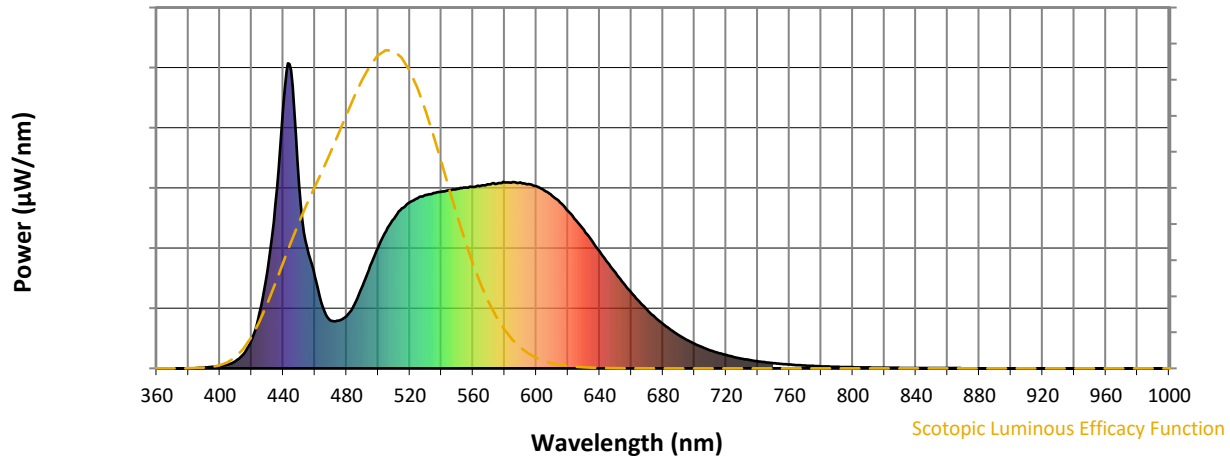


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



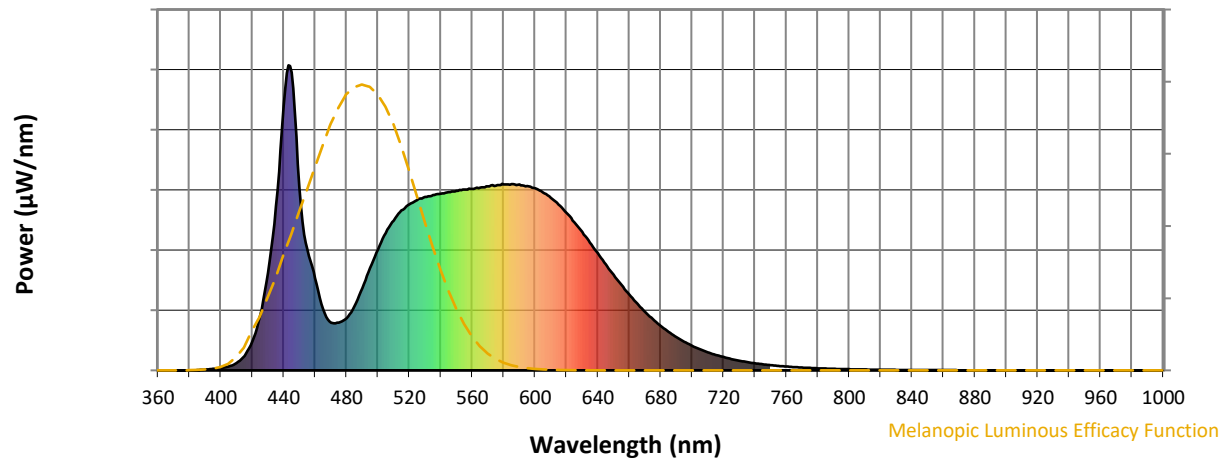
Scotopic Lumens: NR

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

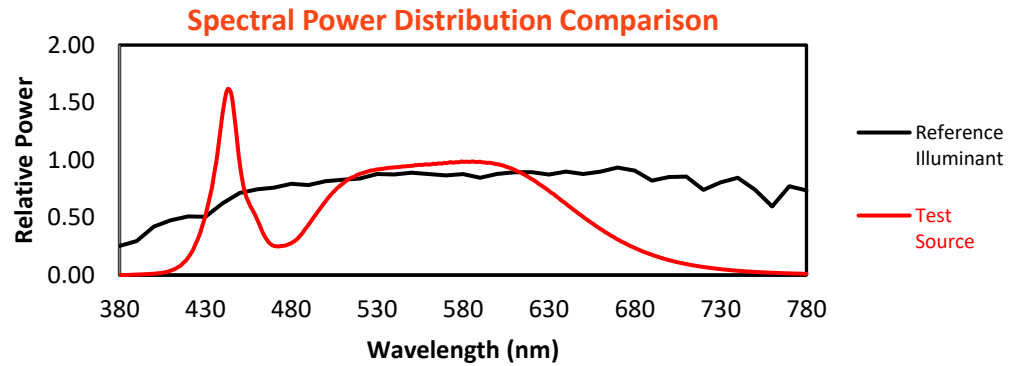
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	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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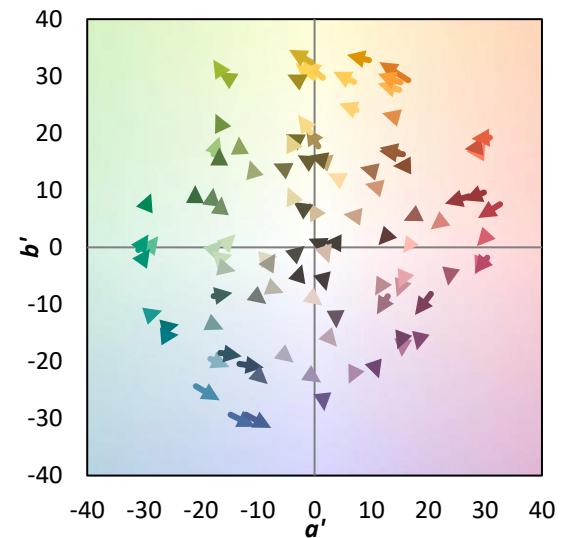
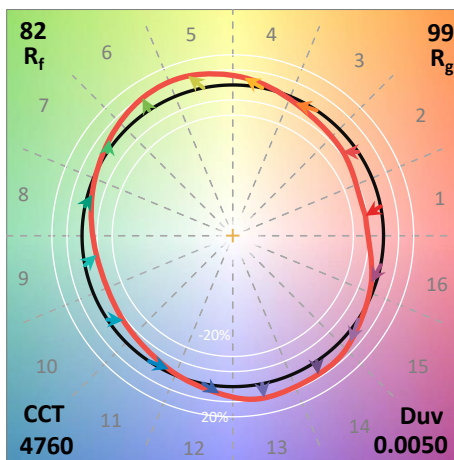
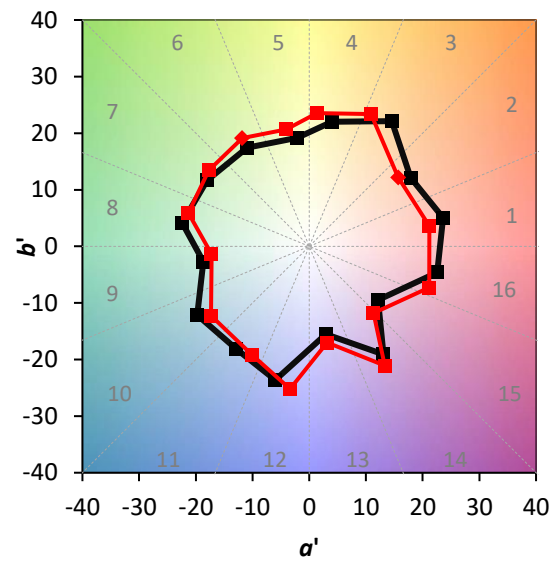
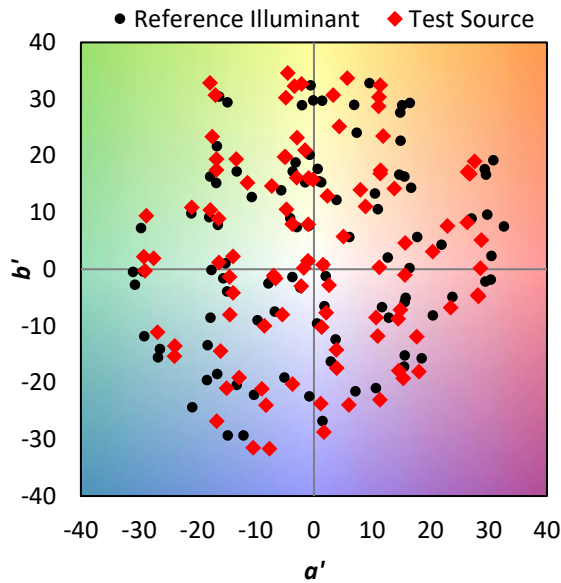
TM-30-18

Summary

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



Color Vector Graphics

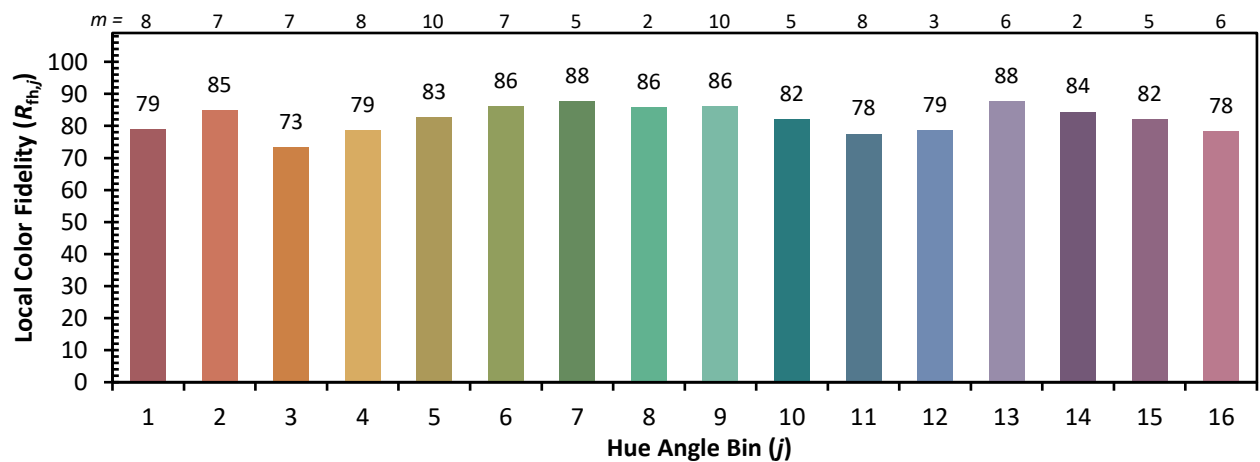
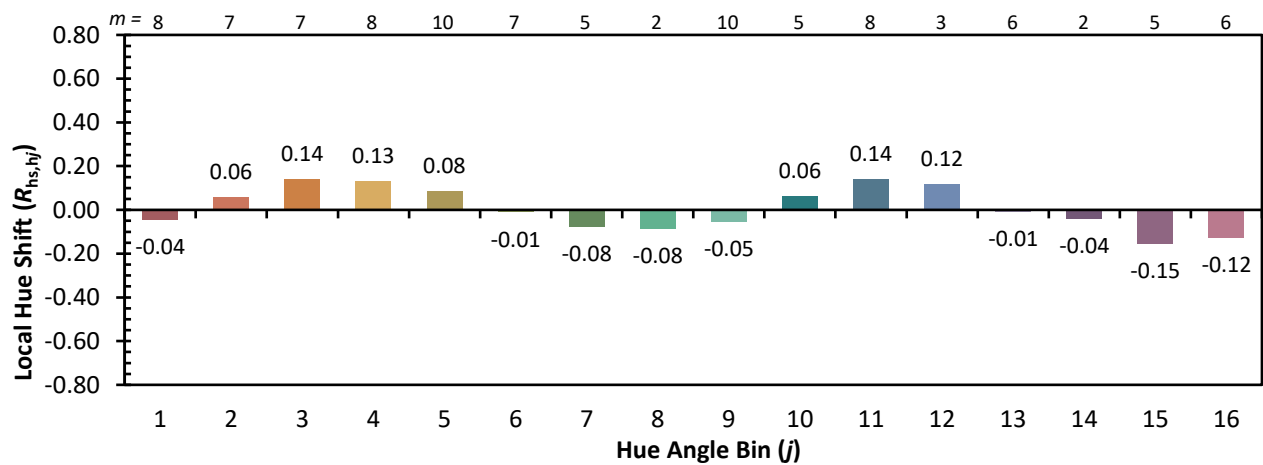


Individual Sample Fidelity Index ($R_{f,i}$)

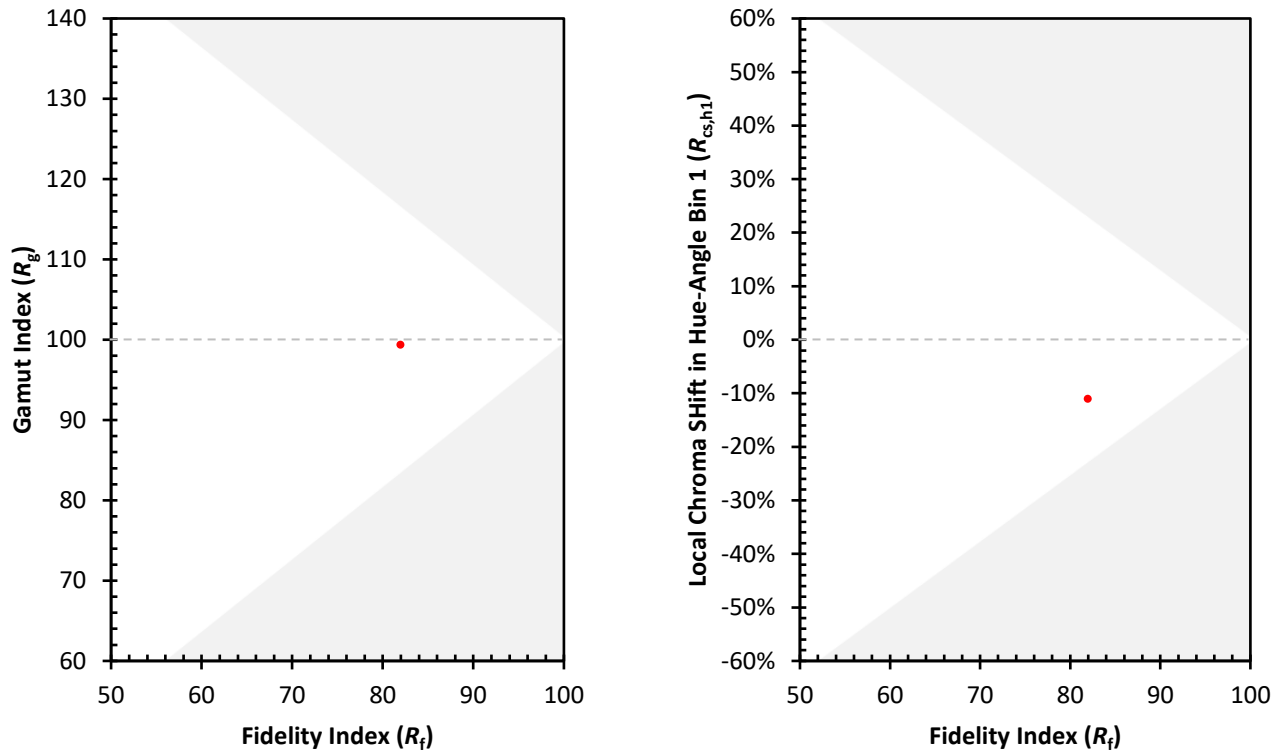
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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