

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: P1047442

Luminaire Tested: **GALN-SA9B-850-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047442
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-850-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37861.3 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

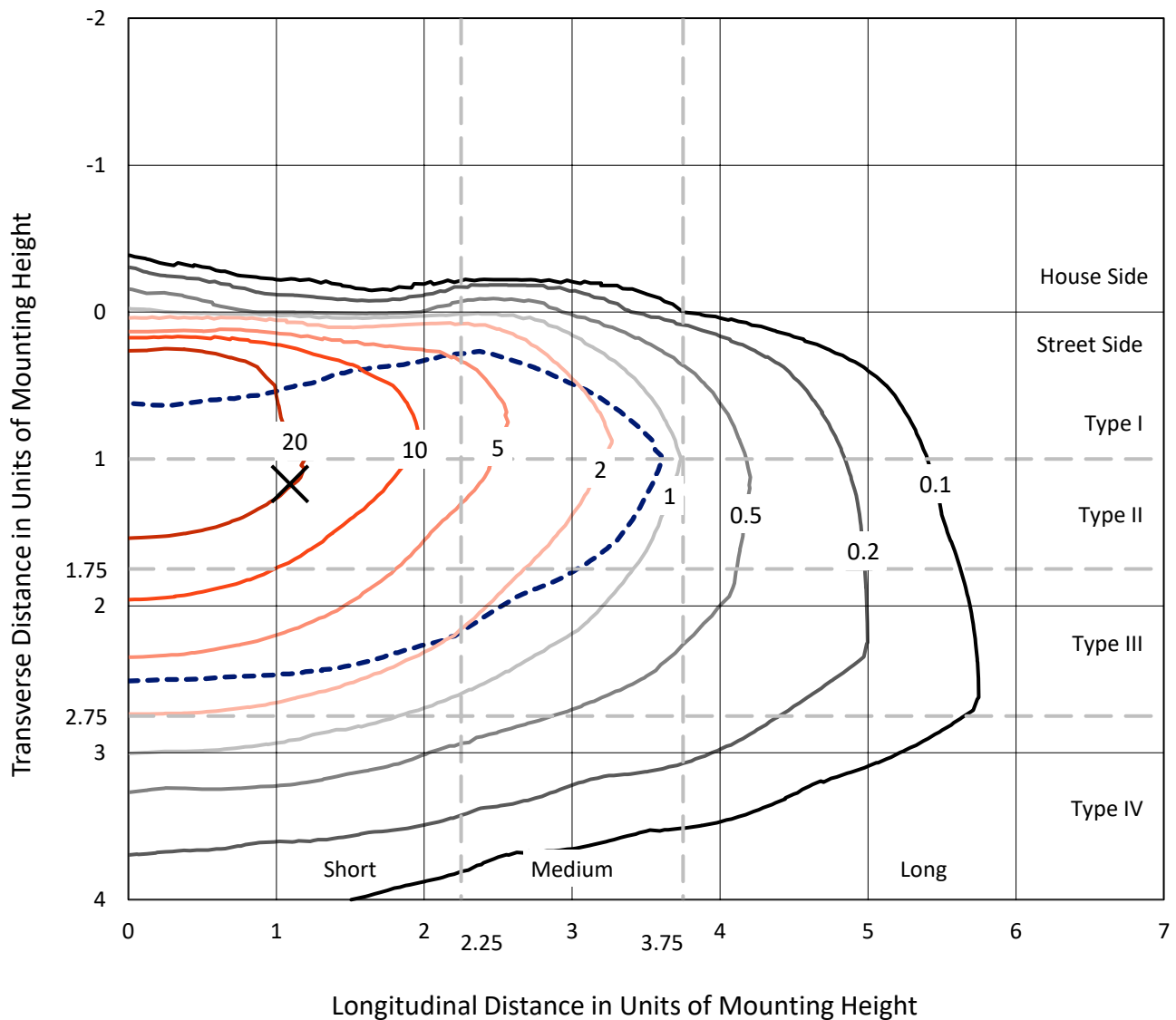


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

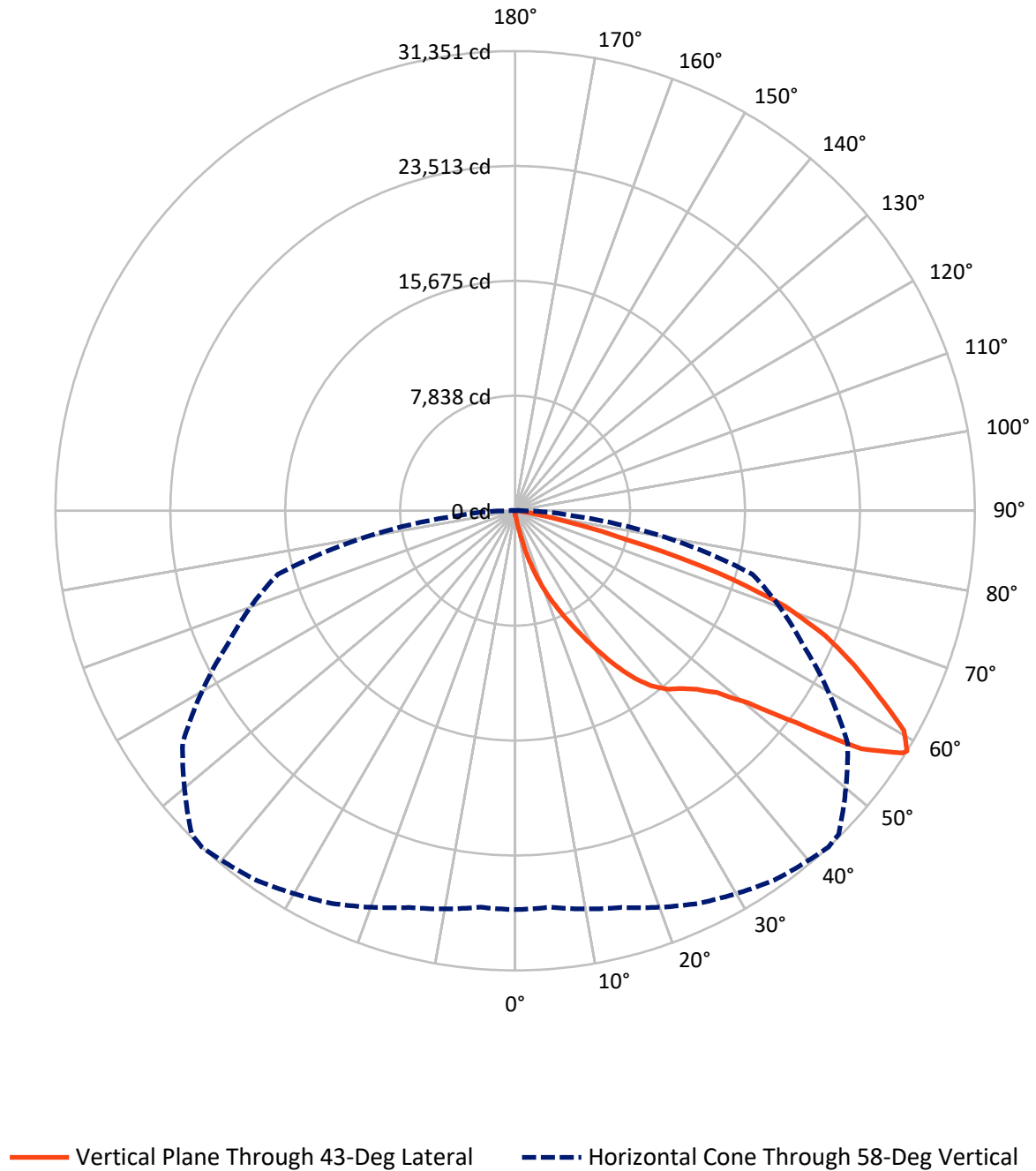


Based on 15 foot mounting height. Maximum calculated value = 42.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.2	0.0	138.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	37723.1	0.0	37723.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	37861.3	0.0	37861.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.3	0.1
10°-20°	435.2	1.1
20°-30°	1568.6	4.1
30°-40°	3589.0	9.5
40°-50°	6053.3	16.0
50°-60°	9989.3	26.4
60°-70°	11164.4	29.5
70°-80°	4609.6	12.2
80°-90°	415.5	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°	37861.3	100.0
0°-180°	37861.3	100.0



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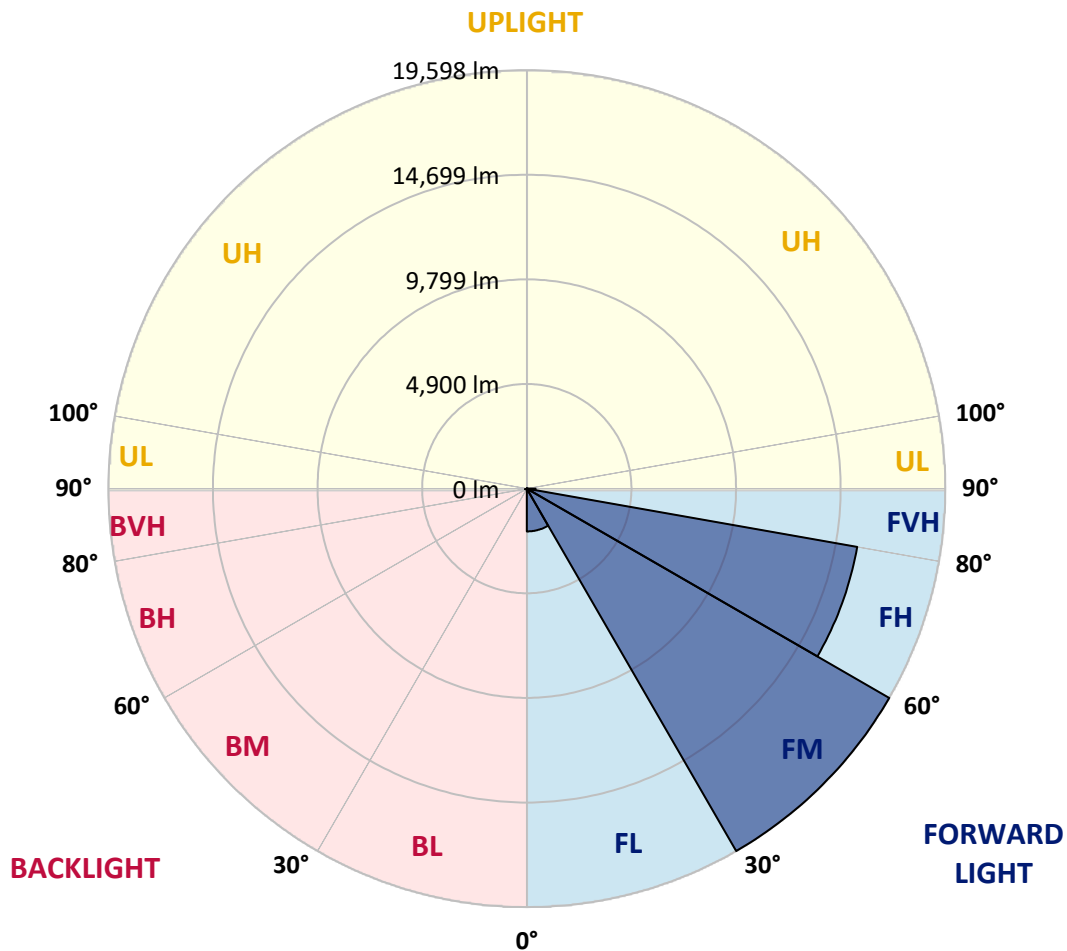
CATALOG NUMBER: GALN-SA9B-850-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2004.1	5.3			
FM	(30°-60°)	19598.5	51.8			
FH	(60°-80°)	15710.7	41.5			G5
FVH	(80°-90°)	409.9	1.1			G3/500
BL	(0°-30°)	36.0	0.1	B0/110		
BM	(30°-60°)	33.1	0.1	B0/220		
BH	(60°-80°)	63.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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-G5

Type III Short



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CATALOG NUMBER: GALN-SA9B-850-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6
2.5°	297.1	307.0	297.1	297.1	297.1	287.2	287.2	277.3	277.3	267.4	257.5
5°	435.7	435.7	406.0	386.2	366.4	356.5	346.6	326.8	307.0	287.2	267.4
7.5°	970.4	970.4	881.3	762.5	604.0	514.9	495.1	406.0	346.6	307.0	267.4
10°	2317.1	2317.1	2119.1	1792.3	1386.3	1029.8	920.9	584.2	415.9	326.8	277.3
12.5°	3852.0	3901.5	3653.9	3238.0	2634.0	2010.2	1792.3	1069.4	554.5	356.5	277.3
15°	5228.4	5109.6	5040.3	4644.2	4069.8	3327.2	3049.9	1802.2	802.1	406.0	277.3
17.5°	6159.2	6159.2	6060.2	5792.8	5268.0	4614.5	4386.7	2911.3	1297.2	465.4	287.2
20°	7248.5	7248.5	7070.2	6882.1	6416.7	5862.2	5644.3	4139.2	2010.2	594.1	287.2
22.5°	8565.5	8585.3	8387.2	8050.6	7605.0	6991.0	6802.9	5277.9	2911.3	792.2	297.1
25°	10169.6	10189.4	9902.3	9585.4	8902.2	8238.7	7951.5	6585.0	4010.4	1109.1	297.1
27.5°	11942.2	12080.8	11655.0	11110.4	10387.5	9555.7	9337.9	7763.4	5099.7	1564.6	316.9
30°	14150.4	14150.4	13585.9	12823.5	12041.2	11011.3	10734.1	9001.2	6258.2	2168.6	336.7
32.5°	16051.6	15903.1	15180.2	14378.1	13546.3	12585.8	12288.7	10298.4	7446.5	2921.2	376.3
35°	17507.2	17378.5	16487.3	15625.8	14902.9	14021.6	13665.2	11704.5	8704.1	3772.8	435.7
37.5°	18754.9	18705.4	17497.3	16418.0	15942.7	15170.3	14853.4	13031.4	9941.9	4693.7	505.0
40°	20121.4	19963.0	18675.7	17338.9	16625.9	16002.1	15714.9	14100.9	11130.2	5773.0	604.0
42.5°	21289.9	21101.8	19943.2	18636.1	17418.1	16576.4	16299.2	15002.0	12288.7	6852.4	732.8
45°	22587.1	22488.1	21319.6	20329.4	18705.4	17358.7	16992.3	15724.8	13348.3	8139.7	901.1
47.5°	24537.9	24359.6	23270.4	22458.4	20576.9	18547.0	18022.2	16467.5	14368.2	9407.2	1158.6
50°	26805.5	26686.7	26043.0	25399.4	23527.8	20576.9	19953.1	17536.9	15507.0	10912.3	1495.2
52.5°	28657.2	28637.4	28716.6	28726.5	27310.5	23993.2	23062.4	19259.9	16814.1	12397.7	1970.6
55°	28617.6	28706.7	29578.1	30578.2	30687.2	28657.2	27756.1	22161.3	18517.3	14229.6	2634.0
57.5°	27548.2	27478.8	28399.7	29904.9	30964.4	31182.3	31033.8	26666.8	21082.0	16437.8	3653.9
58°	27201.6	27142.2	28013.6	29548.4	30766.4	31350.6	31202.1	27686.8	21656.3	16754.7	3931.2
60°	25944.0	25953.9	26468.8	27865.0	29083.0	30469.3	30608.0	30598.1	24518.1	18873.8	5327.4
62.5°	24280.4	24201.2	24676.5	25815.3	26884.7	27815.5	28053.2	30796.1	28706.7	21567.2	7991.1
65°	21983.1	21864.2	22369.3	23656.6	24805.2	25409.3	25419.2	28142.3	30677.3	24458.6	11793.6
67.5°	17715.2	17616.2	18626.2	20279.9	22052.4	22844.6	23201.0	24419.0	29013.7	26419.3	13972.1
70°	10852.9	11060.9	12467.0	15061.4	18091.5	19547.1	20081.8	20458.1	24706.2	26122.2	11684.7
72.5°	5010.6	4763.0	5961.2	7773.3	11229.2	14467.2	15021.8	16497.2	19586.7	22676.2	8714.0
75°	2336.9	2247.8	2525.1	3396.5	5089.8	7812.9	8822.9	13170.0	15021.8	15774.3	6287.9
77.5°	1198.2	1208.1	1435.8	1544.8	2099.3	3614.3	4149.1	8664.5	11011.3	8803.1	4218.4
80°	524.8	544.6	554.5	604.0	851.6	1396.2	1574.5	4020.3	7525.7	4485.7	2307.2
82.5°	336.7	346.6	346.6	346.6	406.0	554.5	633.7	1614.1	3753.0	2228.0	713.0
85°	178.2	178.2	198.0	247.6	287.2	336.7	356.5	514.9	1237.8	663.5	168.3
87.5°	99.0	108.9	118.8	148.5	188.1	227.8	247.6	356.5	475.3	455.5	39.6
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-SA9B-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6	247.6
2.5°	257.5	247.6	237.7	227.8	217.9	207.9	207.9	207.9	207.9	207.9	207.9
5°	247.6	237.7	227.8	207.9	188.1	178.2	168.3	158.4	158.4	158.4	158.4
7.5°	247.6	237.7	207.9	188.1	168.3	148.5	128.7	128.7	128.7	128.7	128.7
10°	247.6	227.8	198.0	168.3	138.6	118.8	108.9	99.0	99.0	99.0	99.0
12.5°	247.6	217.9	188.1	148.5	118.8	99.0	89.1	79.2	79.2	79.2	79.2
15°	247.6	217.9	178.2	138.6	108.9	79.2	69.3	59.4	59.4	59.4	59.4
17.5°	237.7	207.9	168.3	118.8	89.1	59.4	49.5	39.6	39.6	49.5	49.5
20°	227.8	198.0	148.5	99.0	69.3	49.5	29.7	29.7	29.7	29.7	29.7
22.5°	227.8	198.0	138.6	89.1	59.4	29.7	19.8	19.8	19.8	19.8	29.7
25°	227.8	188.1	118.8	69.3	39.6	19.8	9.9	9.9	9.9	9.9	9.9
27.5°	227.8	188.1	108.9	59.4	29.7	19.8	9.9	0.0	0.0	0.0	0.0
30°	217.9	178.2	99.0	49.5	19.8	9.9	0.0	0.0	0.0	0.0	0.0
32.5°	217.9	168.3	79.2	39.6	19.8	9.9	0.0	0.0	0.0	0.0	0.0
35°	227.8	158.4	69.3	29.7	9.9	0.0	0.0	0.0	0.0	0.0	9.9
37.5°	237.7	148.5	59.4	19.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	247.6	138.6	59.4	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	267.4	138.6	49.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	287.2	138.6	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	326.8	148.5	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	356.5	158.4	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	396.1	148.5	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	445.6	148.5	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	485.2	138.6	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	505.0	128.7	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	604.0	118.8	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	940.7	99.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1911.1	89.1	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3564.8	79.2	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3990.6	89.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2515.2	69.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1326.9	69.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	663.5	69.3	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	307.0	49.5	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	128.7	29.7	19.8	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	59.4	29.7	19.8	19.8	9.9	9.9	0.0	0.0	0.0	0.0	0.0
87.5°	29.7	29.7	29.7	19.8	19.8	9.9	9.9	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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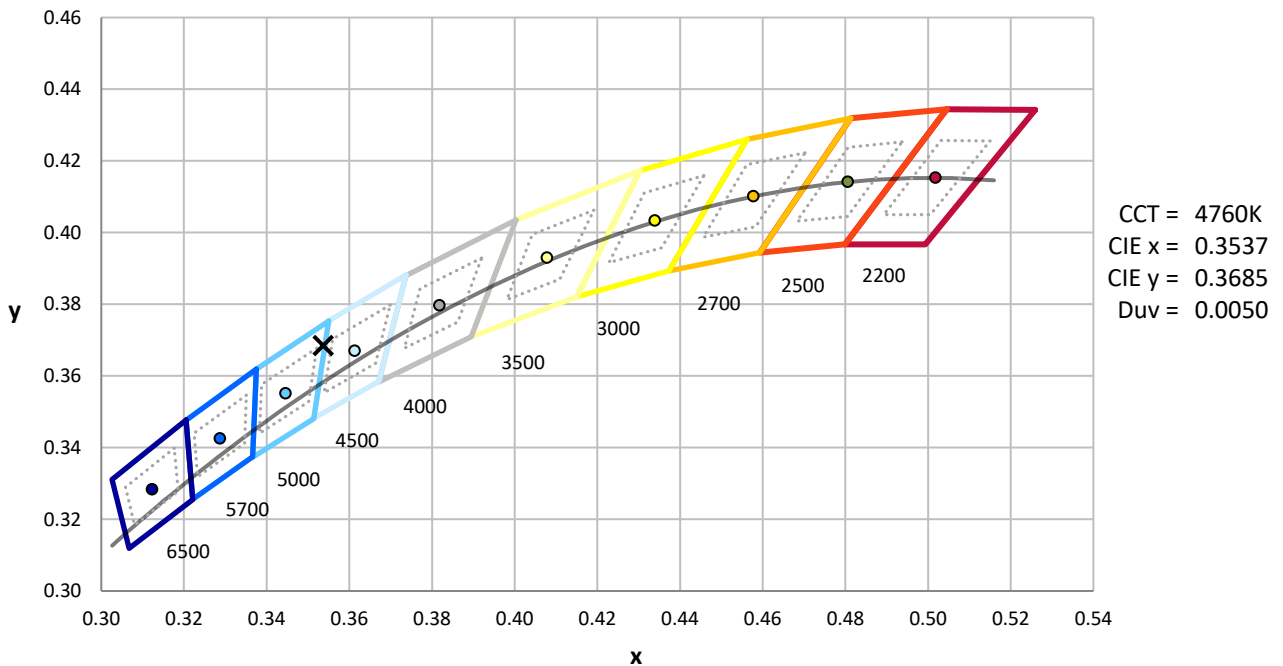
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

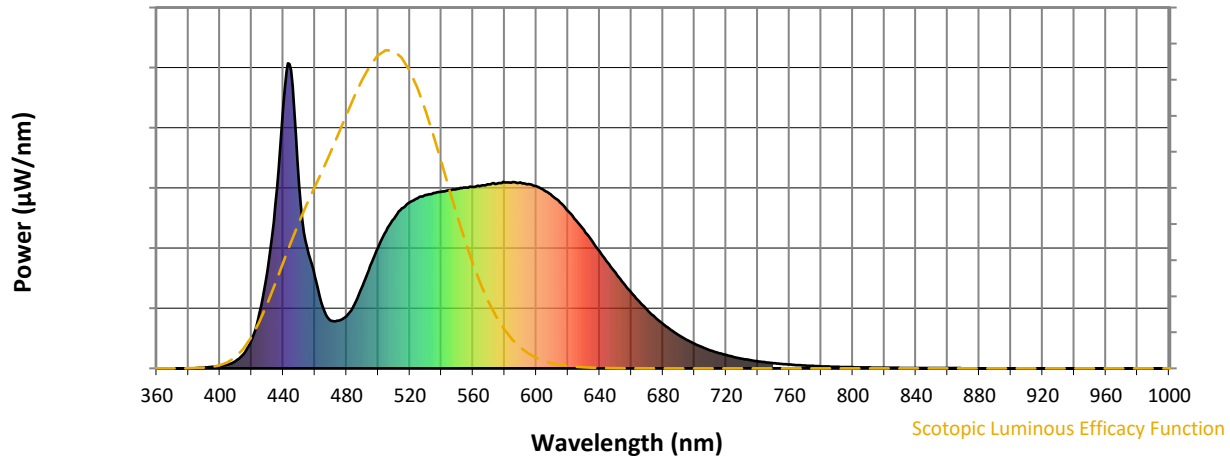


Photopic Lumens: NR

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



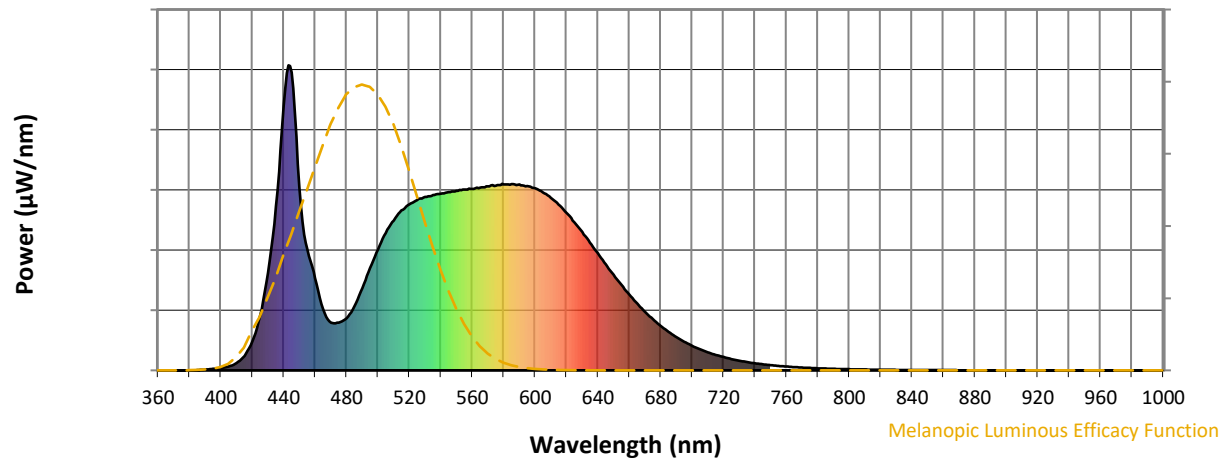
Scotopic Lumens: NR

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

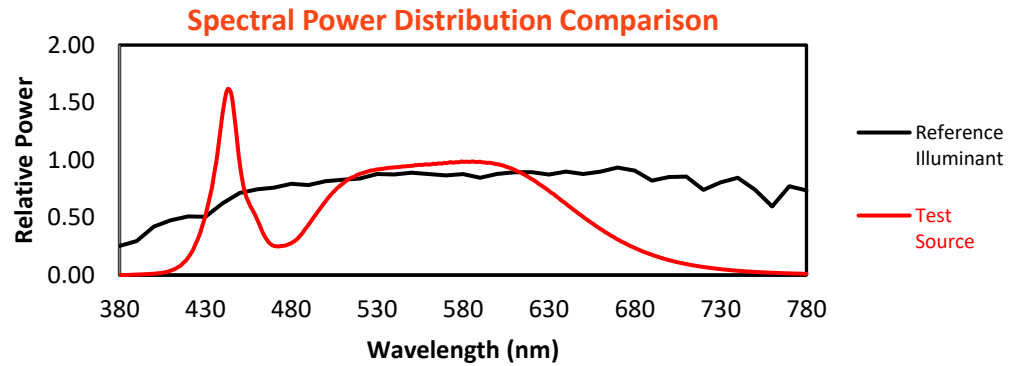
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397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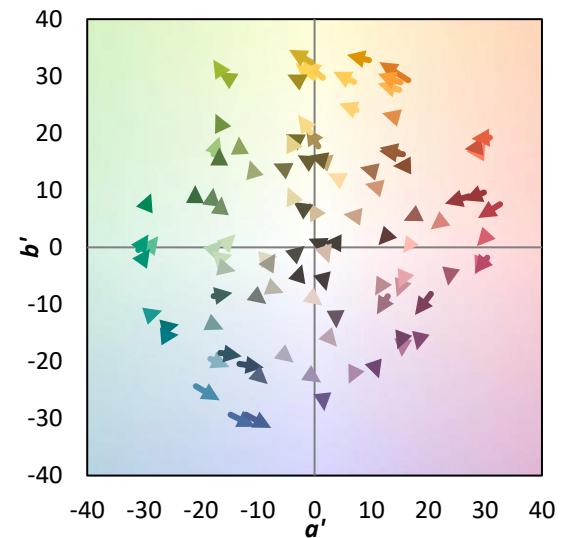
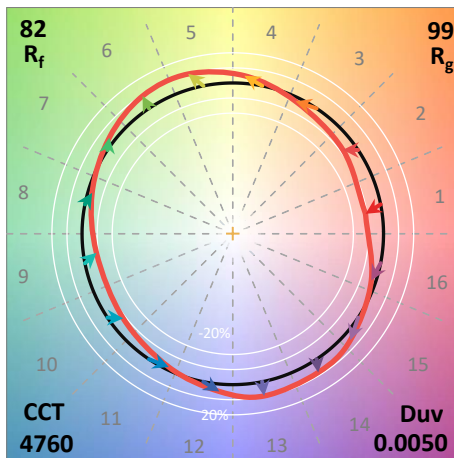
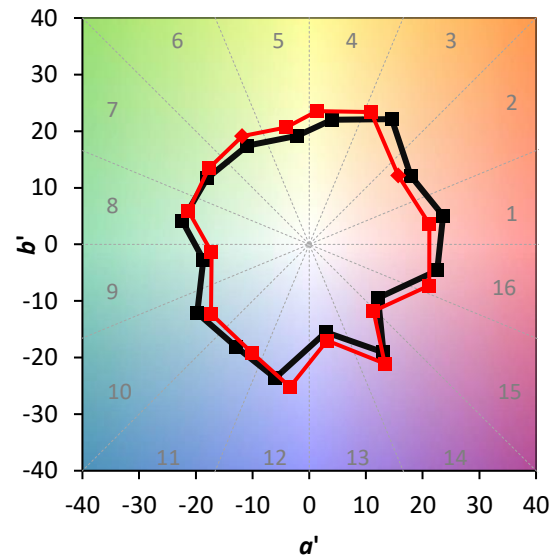
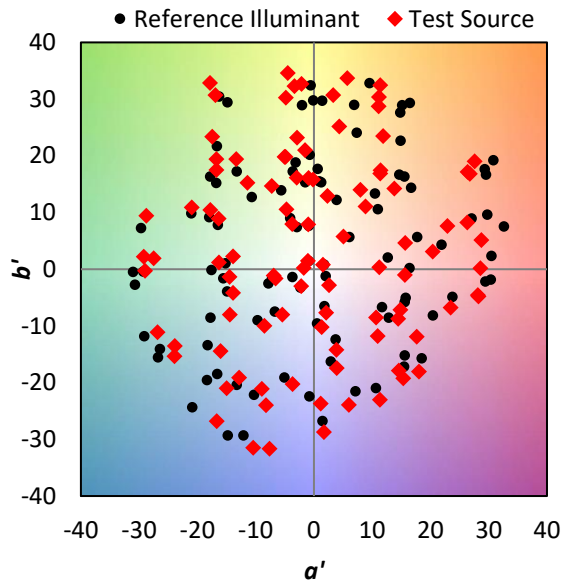
TM-30-18

Summary

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



Color Vector Graphics

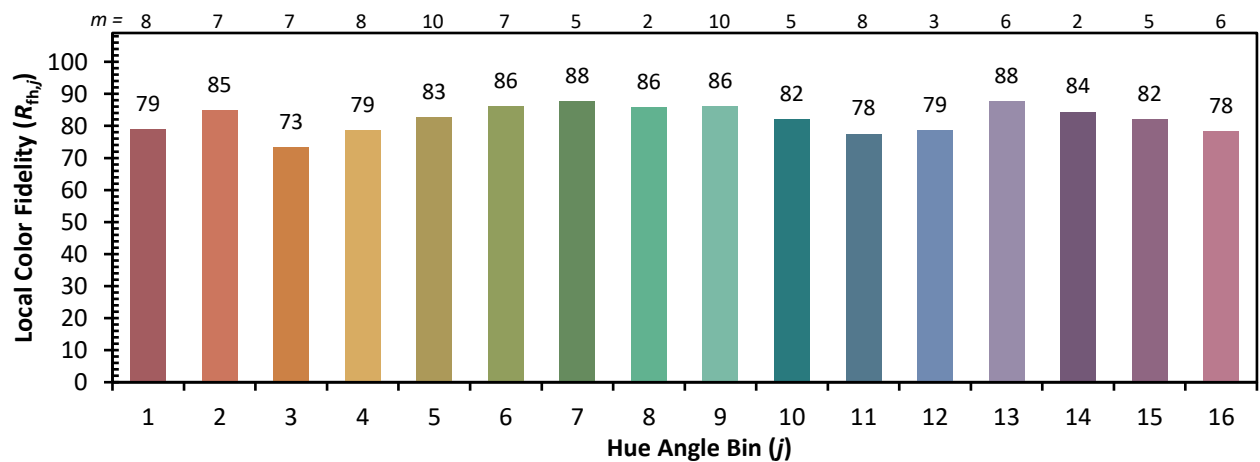
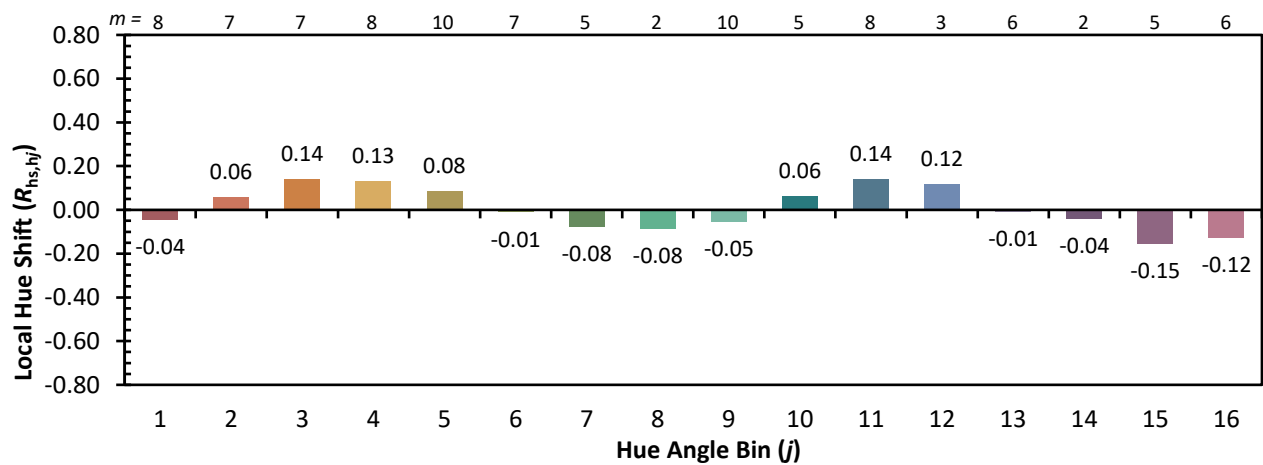


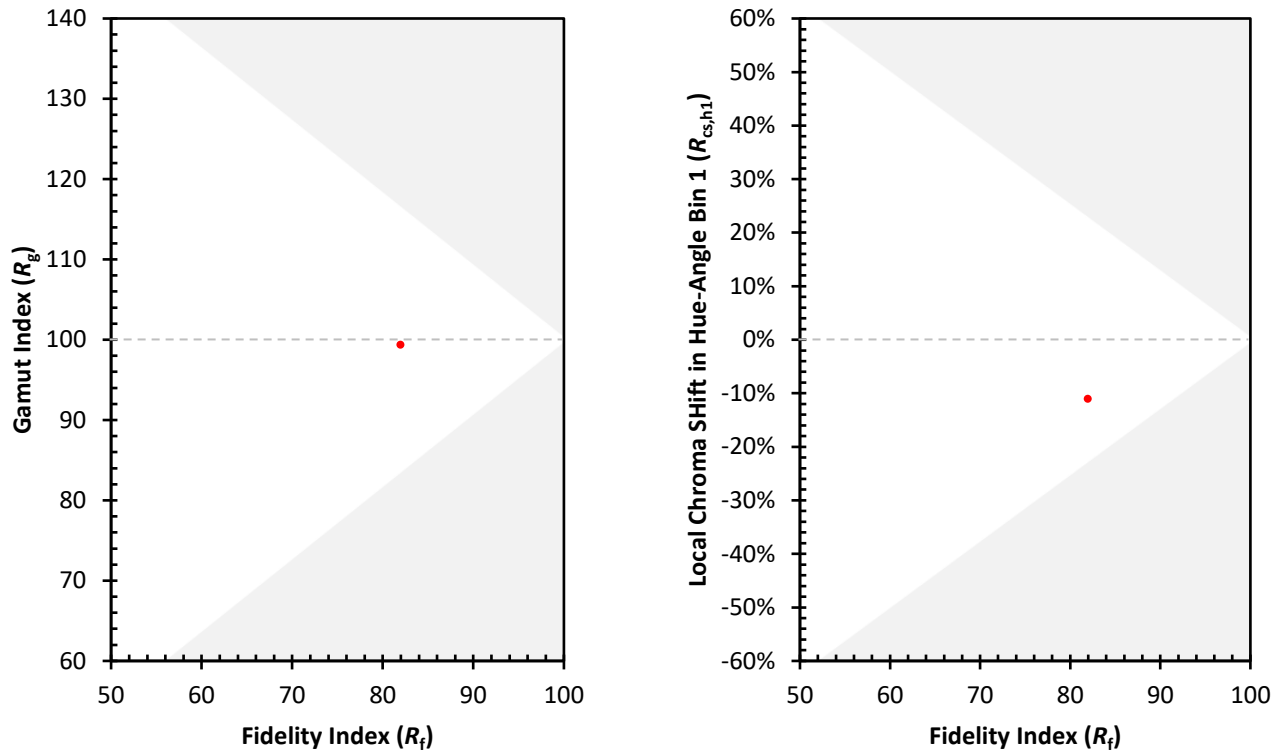
Individual Sample Fidelity Index ($R_{f,i}$)

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)