

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: P1048666

Luminaire Tested: **GALN-SA9B-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048666
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36612.5 lumens
Efficiency: N/A
Efficacy: 117.1 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): 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

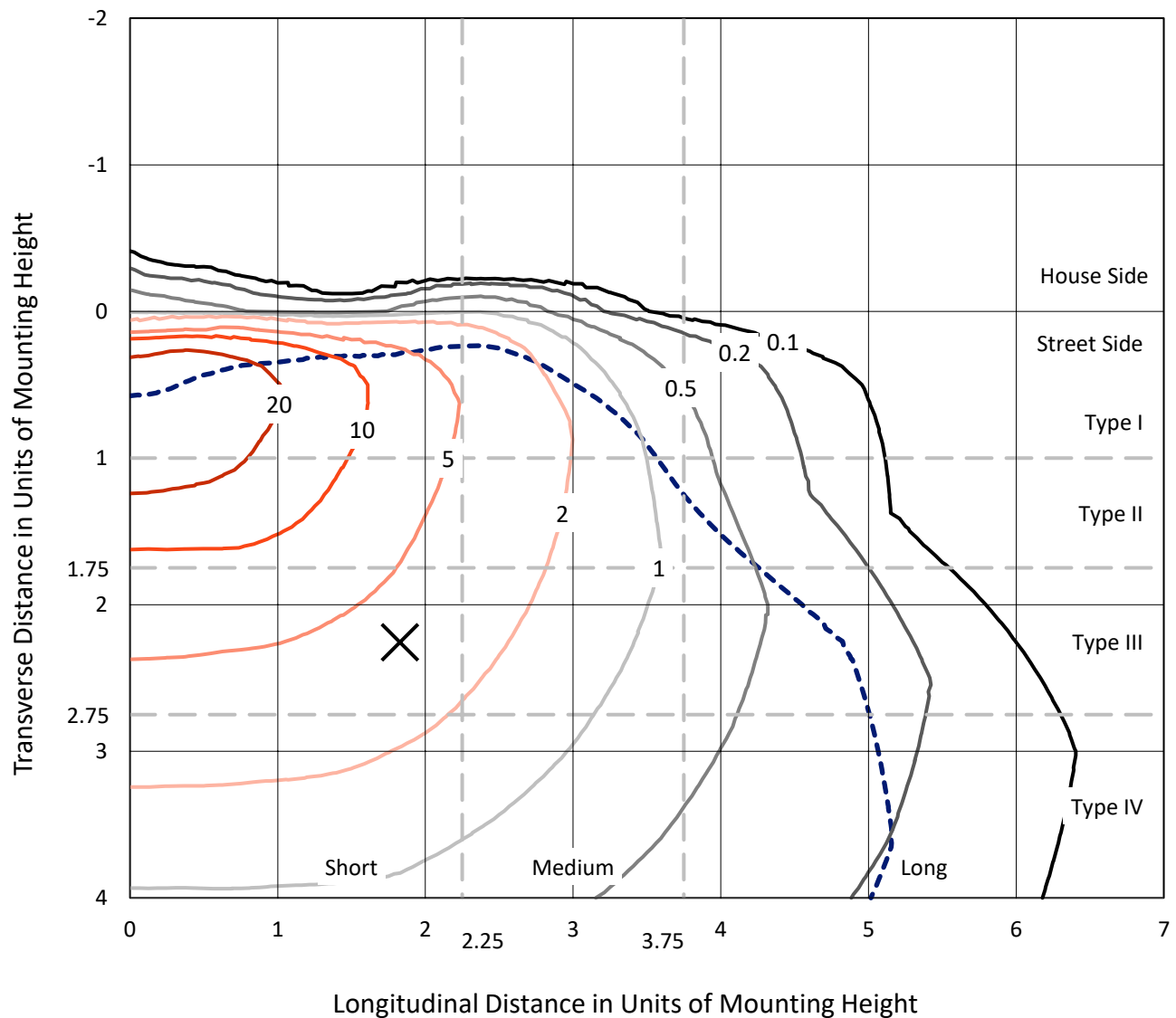


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CATALOG NUMBER: GALN-SA9B-850-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

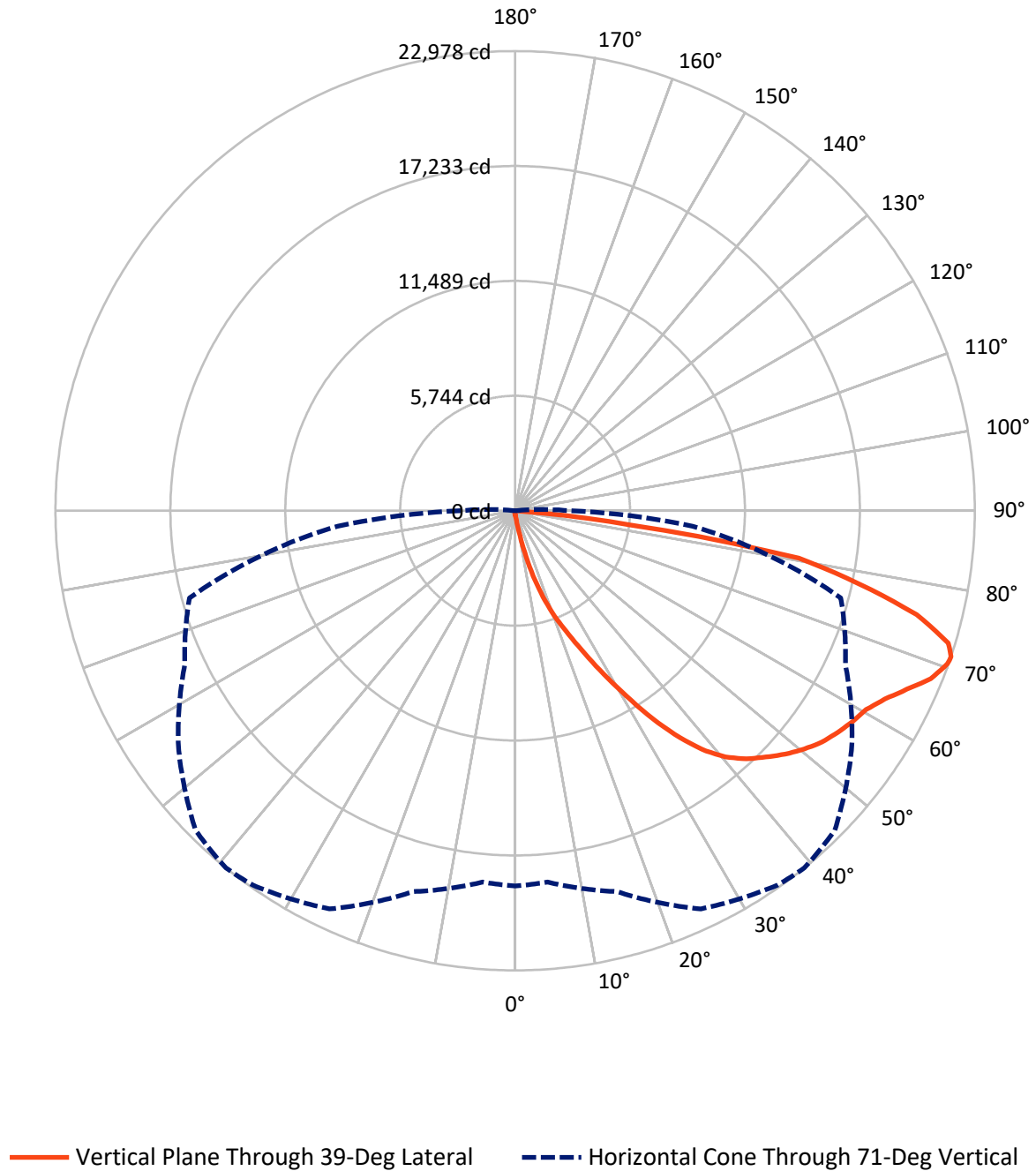


Based on 15 foot mounting height. Maximum calculated value = 37.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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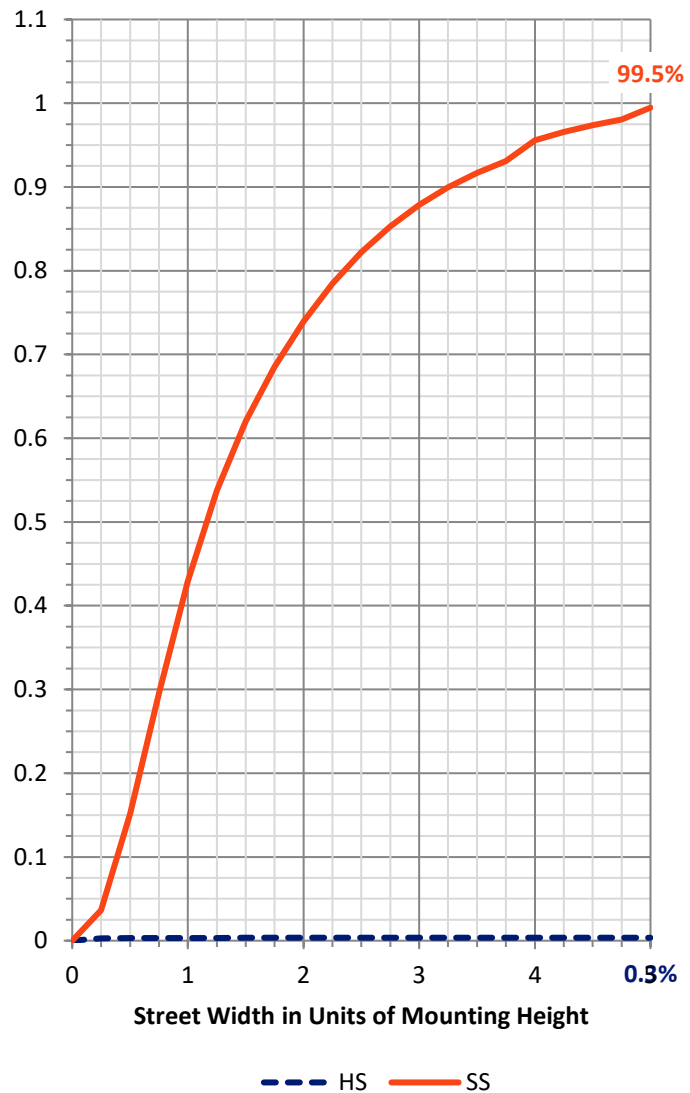
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.1	0.0	130.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36482.4	0.0	36482.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	36612.5	0.0	36612.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	0.1
10°-20°	391.3	1.1
20°-30°	1393.6	3.8
30°-40°	3358.6	9.2
40°-50°	5620.9	15.4
50°-60°	7219.4	19.7
60°-70°	9136.2	25.0
70°-80°	8145.3	22.2
80°-90°	1316.6	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°	36612.5	100.0
0°-180°	36612.5	100.0



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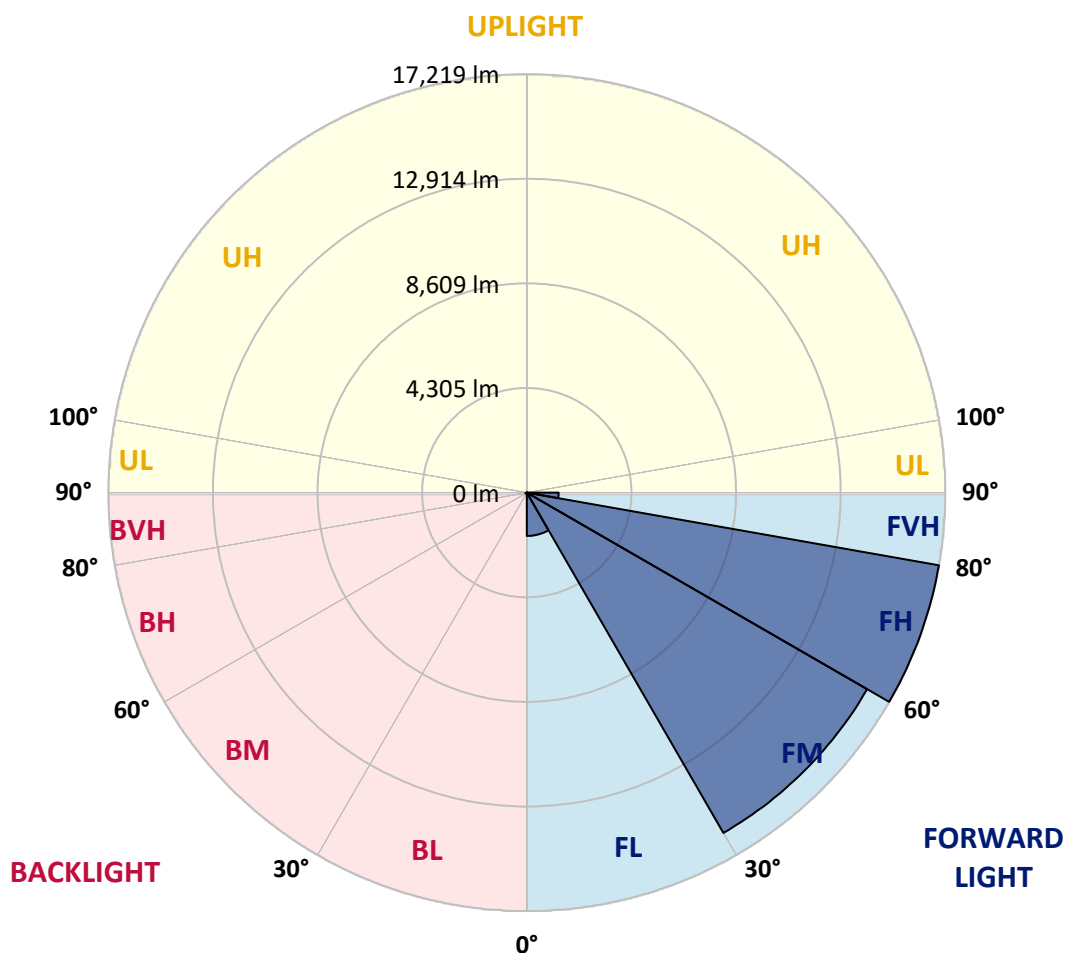
CATALOG NUMBER: GALN-SA9B-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1784.0	4.9			
FM	(30°-60°)	16168.8	44.2			
FH	(60°-80°)	17218.9	47.0			G5
FVH	(80°-90°)	1310.7	3.6			G5
BL	(0°-30°)	31.5	0.1	B0/110		
BM	(30°-60°)	30.1	0.1	B0/220		
BH	(60°-80°)	62.6	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	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





REPORT NUMBER: P1048666

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8
2.5°	230.5	230.5	230.5	223.1	223.1	220.6	218.1	218.1	213.1	210.7	205.7
5°	349.5	342.0	324.7	314.8	294.9	282.5	270.2	252.8	235.5	223.1	208.2
7.5°	790.6	808.0	751.0	644.4	535.3	488.3	408.9	329.6	272.6	235.5	210.7
10°	2015.0	2005.1	1811.8	1598.6	1234.3	1088.0	852.6	537.8	351.9	257.8	213.1
12.5°	3427.7	3417.8	3189.8	2899.8	2419.0	2114.1	1668.0	1003.8	505.6	292.5	213.1
15°	4614.9	4575.3	4503.4	4215.9	3653.3	3398.0	2808.1	1774.6	817.9	351.9	218.1
17.5°	5400.6	5365.9	5299.0	5194.9	4838.0	4535.6	4062.2	2788.3	1323.5	456.0	228.0
20°	6121.8	6097.0	6042.5	6022.7	5792.2	5631.1	5239.5	3953.2	2062.1	619.6	242.9
22.5°	7113.2	7061.2	7083.5	6964.5	6739.0	6545.6	6305.2	5172.6	2964.2	892.2	270.2
25°	8327.7	8302.9	8240.9	8156.6	7844.4	7675.8	7306.5	6322.6	3973.0	1249.1	299.9
27.5°	9794.9	9767.6	9752.8	9559.5	9200.1	9016.7	8501.2	7408.1	5108.1	1749.8	339.6
30°	11485.2	11497.6	11401.0	11153.1	10734.3	10476.5	9946.1	8545.8	6270.5	2337.2	381.7
32.5°	13235.0	13210.2	13061.5	12769.1	12394.8	12154.4	11480.3	9792.4	7489.9	3113.0	431.3
35°	15121.1	15074.1	14682.5	14347.9	14028.1	13725.8	13111.1	11239.9	8709.3	3982.9	498.2
37.5°	17024.6	16804.0	16018.3	15594.5	15373.9	15126.1	14553.6	12783.9	9921.3	4954.5	580.0
40°	18462.1	18291.1	17359.2	16578.5	16402.5	16191.8	15765.5	14117.4	11210.1	5997.9	679.1
42.5°	19257.7	19163.5	18325.8	17555.0	17141.1	16955.2	16590.9	15282.2	12484.1	7150.4	822.9
45°	19597.3	19451.0	18890.9	18531.5	17872.2	17564.9	17131.2	16162.1	13815.0	8459.0	1023.6
47.5°	19493.2	19408.9	19007.4	19138.7	18660.4	18182.1	17545.1	16836.2	14952.6	9961.0	1298.7
50°	18838.8	18767.0	18643.0	19354.4	19294.9	18729.8	18080.4	17369.1	15882.0	11510.0	1725.0
52.5°	17594.7	17564.9	17882.2	19185.8	19654.3	19213.1	18596.0	17840.0	16749.5	13128.5	2334.7
55°	15991.1	16112.5	17019.7	18923.1	19837.7	19570.0	19052.0	18281.2	17445.9	14575.9	3234.4
57.5°	15331.8	15364.0	16496.7	18737.2	19919.5	19884.8	19495.6	18702.5	18085.4	15733.3	4607.5
60°	16102.6	16053.0	16650.4	18878.5	20083.0	20167.3	19889.7	19094.1	18640.6	16727.2	6436.6
62.5°	17495.5	17468.3	17659.1	19480.8	20561.4	20732.4	20437.5	19376.7	19131.3	17381.5	8523.5
65°	18739.7	18682.7	19037.1	20549.0	21401.6	21523.0	21265.3	19860.0	19346.9	17857.4	10483.9
67.5°	19277.5	19265.1	19835.2	21565.2	22283.9	22415.3	22189.7	20526.7	19297.4	18008.6	11348.9
70°	19032.2	18985.1	19897.2	21996.4	22782.1	22930.8	22712.7	20774.5	18759.5	17530.2	10067.5
71°	18762.0	18635.6	19711.3	21966.7	22851.5	22977.9	22596.2	20549.0	18219.2	16851.1	8905.1
72.5°	17924.3	17946.6	19200.7	21656.9	22685.4	22648.3	21936.9	19741.0	17567.4	15309.5	7152.9
75°	15862.2	15993.6	17547.6	20355.7	21203.3	20729.9	19641.9	18196.9	16258.8	10977.1	4966.9
77.5°	12962.4	13158.2	14865.9	17852.4	17612.0	17564.9	17520.3	16033.2	13884.4	5896.3	3455.0
80°	6188.7	6612.6	8967.1	12744.3	13844.7	14377.6	14043.0	12920.3	10736.7	2808.1	2064.6
82.5°	404.0	399.0	565.1	1070.7	4513.3	5834.3	9269.5	9234.8	7485.0	1368.1	842.7
85°	190.8	195.8	215.6	245.4	285.0	312.3	431.3	2528.0	3581.4	651.8	183.4
87.5°	111.5	114.0	133.8	171.0	223.1	247.8	294.9	379.2	466.0	359.4	39.7
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: P1048666

CATALOG NUMBER: GALN-SA9B-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8
2.5°	203.2	200.8	193.3	185.9	178.4	173.5	171.0	173.5	173.5	176.0	176.0
5°	203.2	195.8	183.4	168.5	158.6	148.7	143.8	141.3	143.8	143.8	143.8
7.5°	200.8	188.4	171.0	153.7	141.3	128.9	123.9	121.4	121.4	123.9	123.9
10°	195.8	183.4	161.1	141.3	126.4	111.5	104.1	96.7	96.7	96.7	99.1
12.5°	193.3	176.0	148.7	128.9	109.1	91.7	76.8	69.4	71.9	71.9	71.9
15°	188.4	168.5	141.3	116.5	91.7	69.4	57.0	49.6	52.0	54.5	52.0
17.5°	188.4	166.1	131.4	101.6	71.9	52.0	42.1	37.2	37.2	39.7	39.7
20°	188.4	161.1	123.9	86.7	54.5	39.7	29.7	27.3	27.3	32.2	34.7
22.5°	193.3	161.1	114.0	71.9	44.6	29.7	22.3	19.8	22.3	27.3	29.7
25°	200.8	158.6	104.1	64.4	37.2	22.3	17.3	12.4	14.9	19.8	22.3
27.5°	208.2	156.1	94.2	57.0	29.7	17.3	12.4	9.9	7.4	9.9	9.9
30°	215.6	156.1	84.3	47.1	24.8	12.4	7.4	5.0	2.5	0.0	0.0
32.5°	220.6	151.2	76.8	37.2	19.8	9.9	5.0	2.5	0.0	0.0	0.0
35°	225.5	146.2	66.9	29.7	14.9	7.4	2.5	0.0	0.0	0.0	0.0
37.5°	230.5	138.8	57.0	24.8	12.4	5.0	0.0	0.0	0.0	0.0	0.0
40°	235.5	128.9	47.1	22.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	240.4	121.4	39.7	17.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	252.8	116.5	32.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	275.1	111.5	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	307.3	106.6	27.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	351.9	104.1	24.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	431.3	101.6	22.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	567.6	99.1	22.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	869.9	94.2	22.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1554.0	91.7	19.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2709.0	94.2	19.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3883.8	99.1	17.3	7.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	3323.6	86.7	17.3	9.9	5.0	2.5	0.0	0.0	0.0	0.0	0.0
71°	2709.0	76.8	17.3	9.9	5.0	2.5	2.5	0.0	0.0	0.0	0.0
72.5°	1742.4	59.5	14.9	9.9	5.0	5.0	2.5	0.0	0.0	0.0	0.0
75°	736.1	49.6	14.9	9.9	7.4	5.0	5.0	2.5	0.0	0.0	0.0
77.5°	314.8	37.2	14.9	12.4	9.9	7.4	7.4	5.0	2.5	0.0	0.0
80°	119.0	29.7	17.3	14.9	12.4	12.4	9.9	5.0	2.5	0.0	0.0
82.5°	54.5	24.8	17.3	14.9	14.9	12.4	9.9	7.4	5.0	0.0	0.0
85°	34.7	22.3	17.3	14.9	14.9	12.4	12.4	7.4	5.0	0.0	0.0
87.5°	27.3	22.3	17.3	17.3	14.9	14.9	9.9	7.4	2.5	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

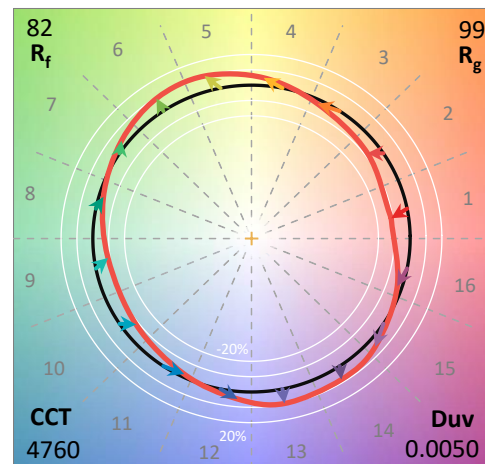
Test Information

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

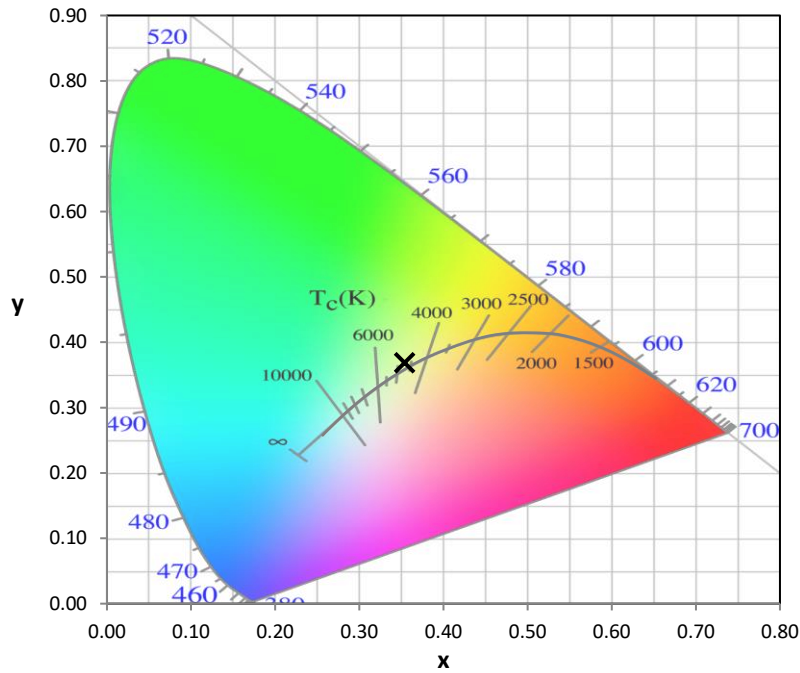
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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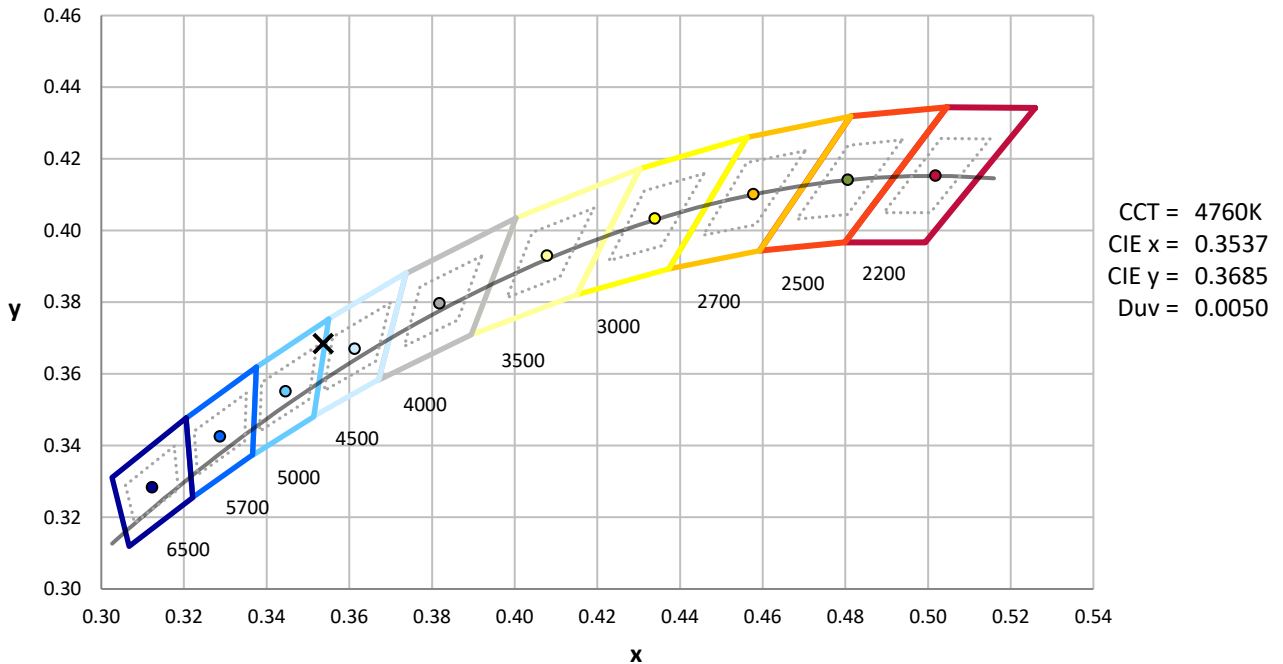
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



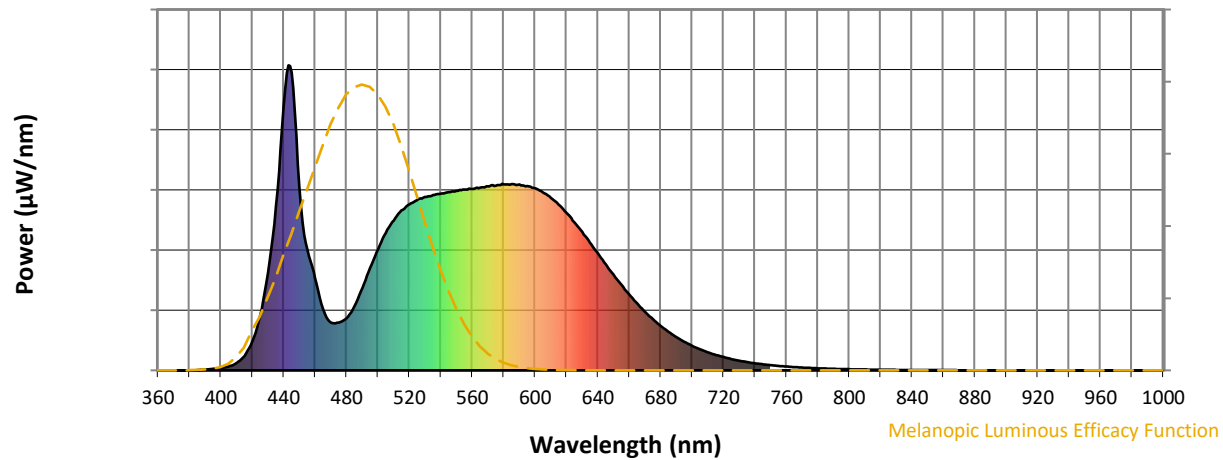
Scotopic Lumens: NR

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			

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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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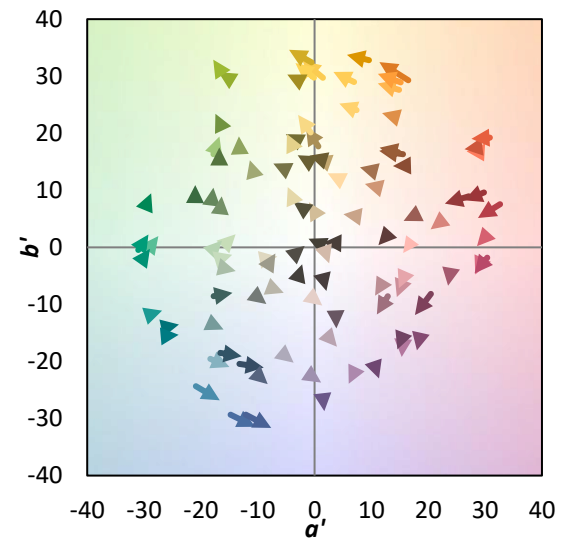
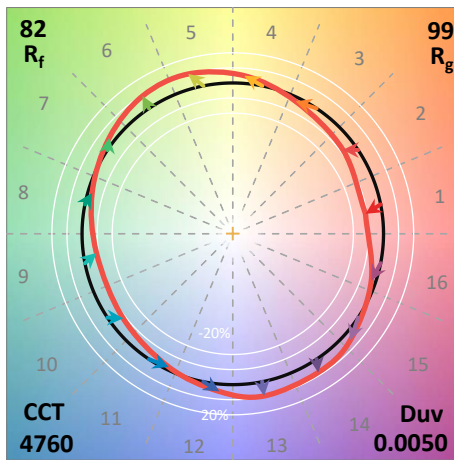
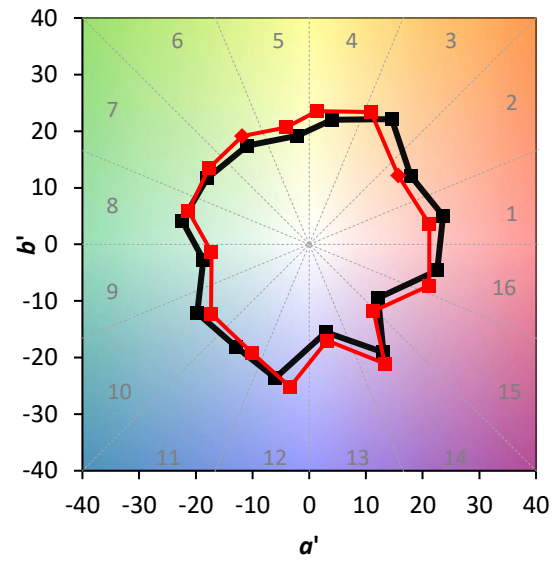
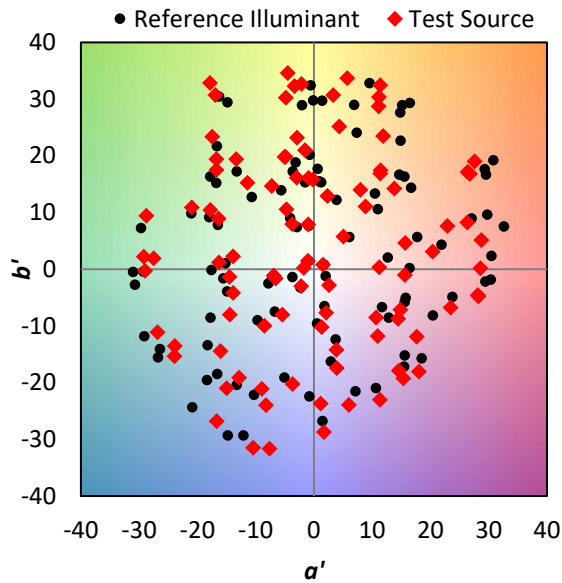
TM-30-18

Summary

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

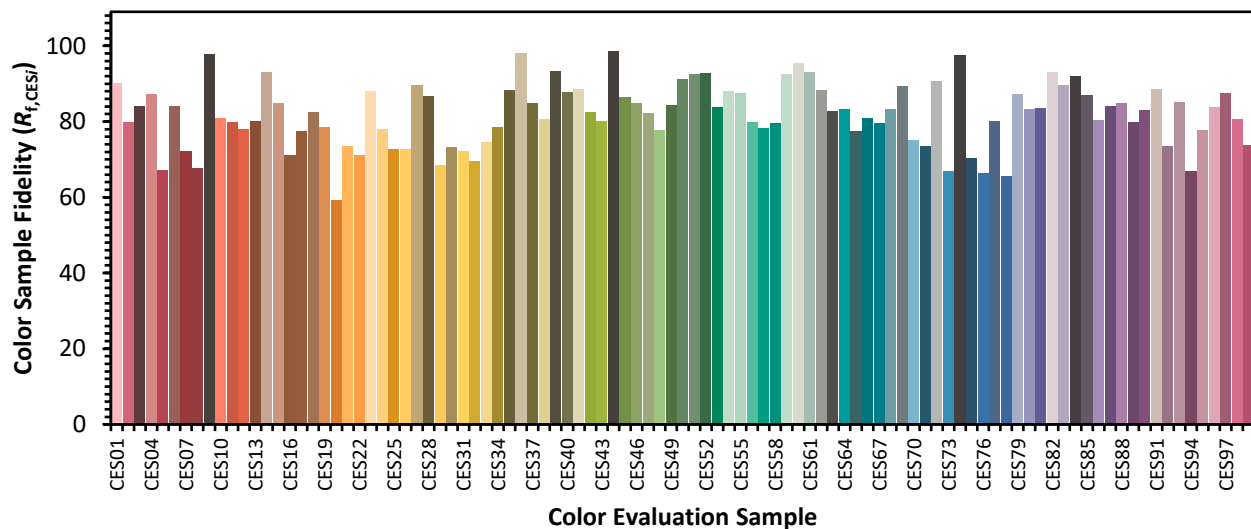


Color Vector Graphics

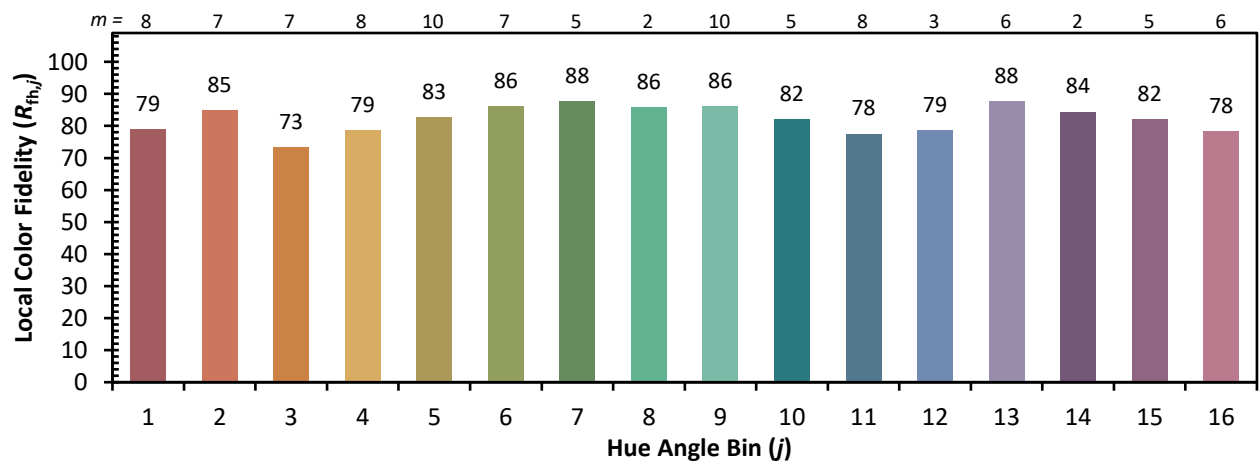


Individual Sample Fidelity Index ($R_{f,i}$)

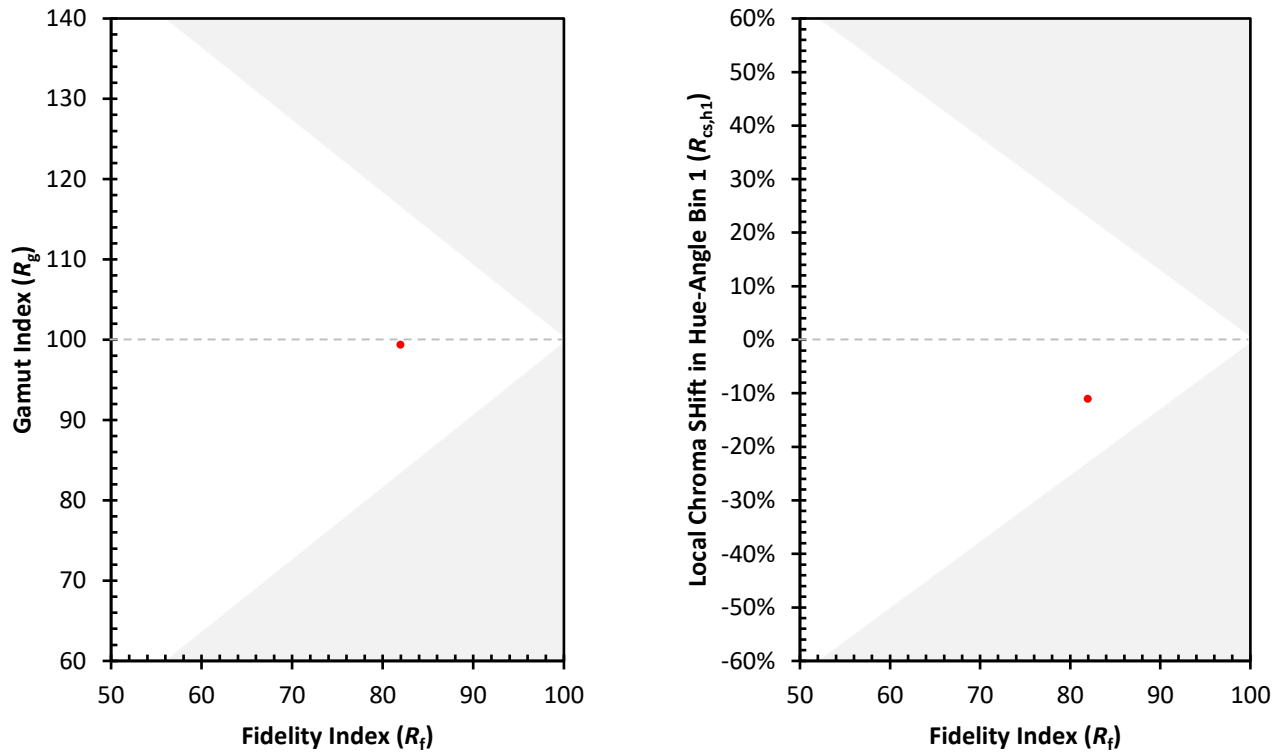
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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