

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: P1048667

Luminaire Tested: **GALN-SA9C-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048667
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 45562.5 lumens
Efficiency: N/A
Efficacy: 109.2 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): 417.1
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

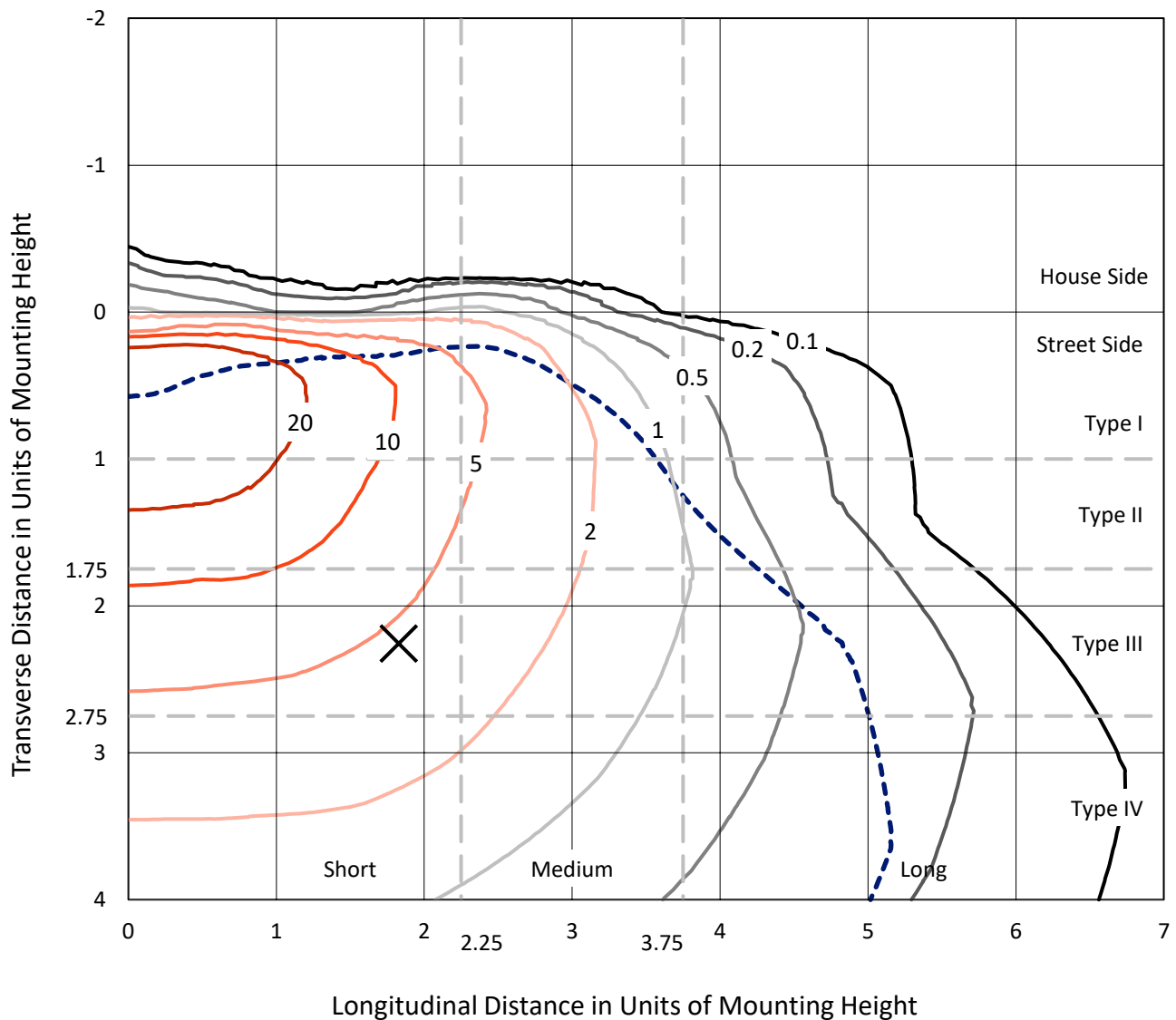


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

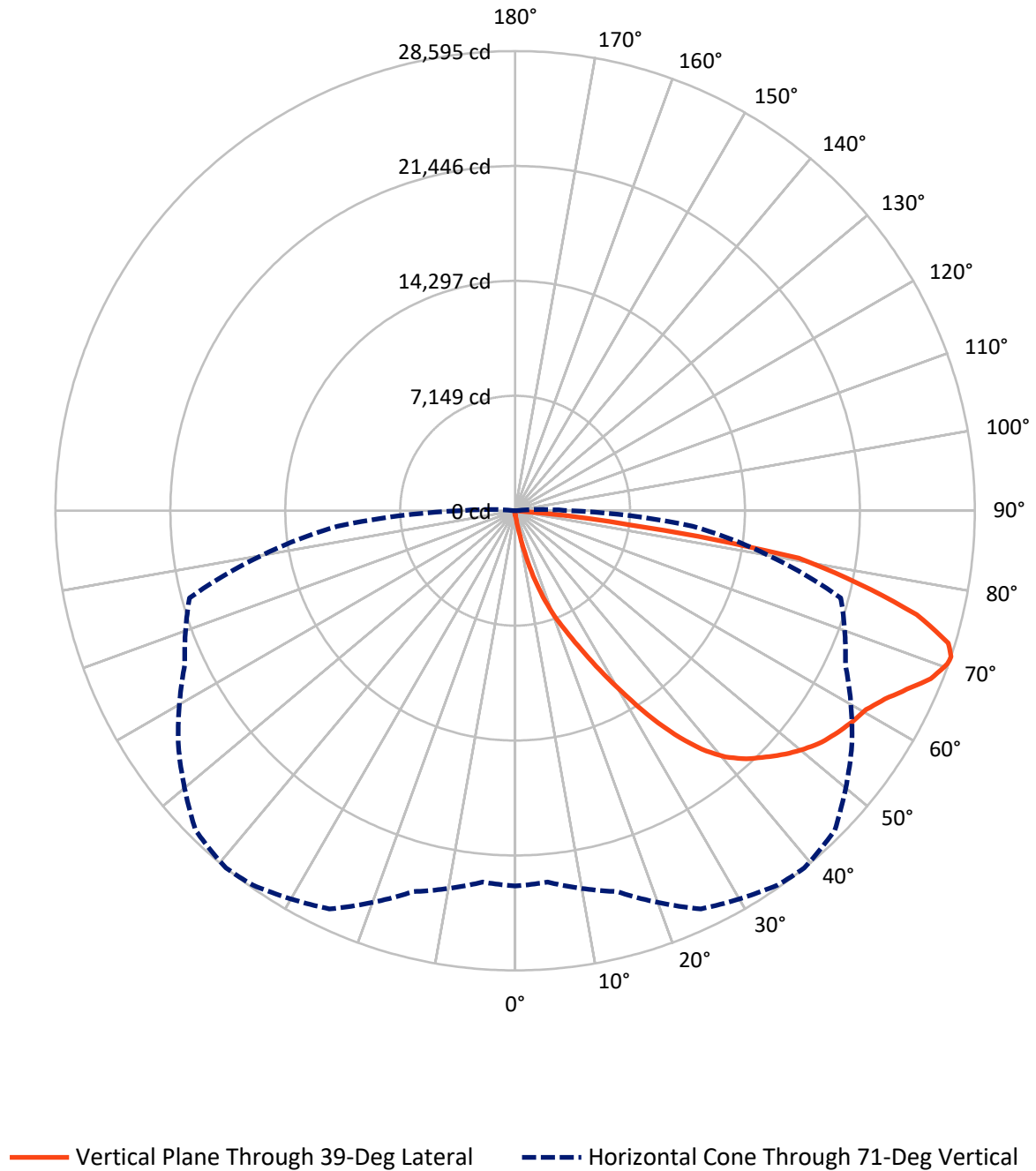


Based on 15 foot mounting height. Maximum calculated value = 46.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	161.9	0.0	161.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	45400.5	0.0	45400.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	45562.5	0.0	45562.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.1	0.1
10°-20°	487.0	1.1
20°-30°	1734.2	3.8
30°-40°	4179.6	9.2
40°-50°	6994.9	15.4
50°-60°	8984.2	19.7
60°-70°	11369.5	25.0
70°-80°	10136.4	22.2
80°-90°	1638.5	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°	45562.5	100.0
0°-180°	45562.5	100.0



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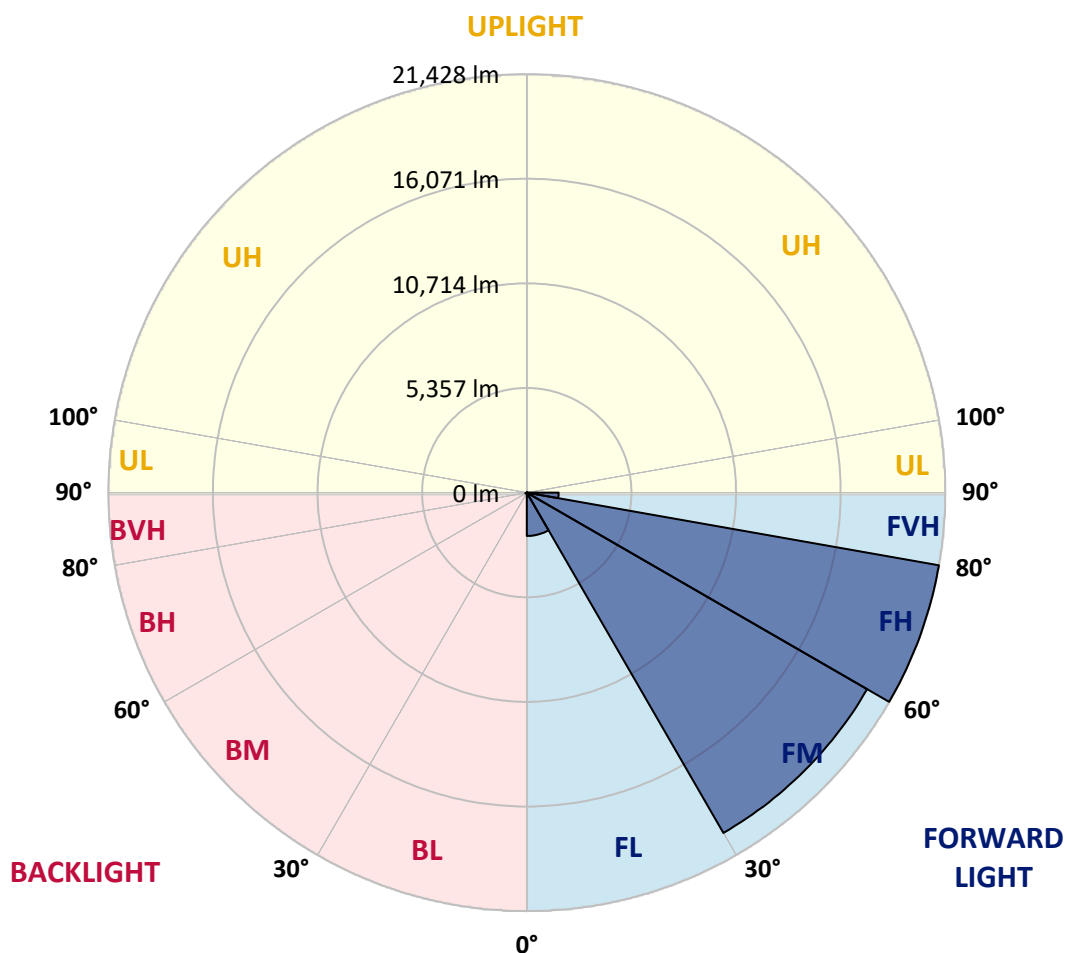
CATALOG NUMBER: GALN-SA9C-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2220.1	4.9			
FM	(30°-60°)	20121.3	44.2			
FH	(60°-80°)	21428.1	47.0			G5
FVH	(80°-90°)	1631.1	3.6			G5
BL	(0°-30°)	39.2	0.1	B0/110		
BM	(30°-60°)	37.5	0.1	B0/220		
BH	(60°-80°)	77.9	0.2	B0/110		G0/110
BVH	(80°-90°)	7.4	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8
2.5°	286.8	286.8	286.8	277.6	277.6	274.5	271.4	271.4	265.3	262.2	256.0
5°	434.9	425.6	404.0	391.7	367.0	351.6	336.2	314.6	293.0	277.6	259.1
7.5°	983.9	1005.5	934.6	801.9	666.2	607.6	508.9	410.2	339.3	293.0	262.2
10°	2507.6	2495.2	2254.6	1989.4	1536.0	1354.0	1061.0	669.3	438.0	320.8	265.3
12.5°	4265.6	4253.3	3969.5	3608.7	3010.3	2630.9	2075.8	1249.2	629.2	364.0	265.3
15°	5743.0	5693.7	5604.2	5246.5	4546.3	4228.6	3494.6	2208.4	1017.8	438.0	271.4
17.5°	6720.8	6677.6	6594.3	6464.8	6020.6	5644.3	5055.2	3469.9	1647.0	567.5	283.8
20°	7618.3	7587.5	7519.6	7494.9	7208.1	7007.6	6520.3	4919.5	2566.2	771.1	302.3
22.5°	8852.0	8787.3	8815.0	8667.0	8386.3	8145.7	7846.5	6437.0	3688.9	1110.4	336.2
25°	10363.4	10332.5	10255.4	10150.5	9761.9	9552.2	9092.6	7868.1	4944.2	1554.5	373.2
27.5°	12189.3	12155.4	12136.9	11896.3	11449.1	11220.8	10579.3	9219.1	6356.8	2177.5	422.6
30°	14292.8	14308.2	14187.9	13879.5	13358.3	13037.5	12377.4	10634.8	7803.4	2908.5	475.0
32.5°	16470.3	16439.5	16254.4	15890.5	15424.8	15125.6	14286.6	12186.2	9320.9	3873.9	536.7
35°	18817.5	18758.9	18271.6	17855.2	17457.3	17081.0	16316.1	13987.5	10838.4	4956.5	620.0
37.5°	21186.3	20911.8	19934.1	19406.6	19132.1	18823.7	18111.2	15909.0	12346.6	6165.6	721.7
40°	22975.2	22762.4	21602.7	20631.1	20412.1	20150.0	19619.5	17568.4	13950.4	7464.1	845.1
42.5°	23965.3	23848.1	22805.6	21846.3	21331.3	21099.9	20646.5	19018.0	15535.8	8898.3	1024.0
45°	24387.8	24205.9	23508.8	23061.6	22241.1	21858.7	21318.9	20112.9	17192.1	10526.8	1273.8
47.5°	24258.3	24153.4	23653.8	23817.2	23222.0	22626.7	21834.0	20951.9	18607.8	12395.9	1616.2
50°	23444.0	23354.6	23200.4	24085.6	24011.5	23308.3	22500.2	21615.0	19764.4	14323.7	2146.7
52.5°	21895.7	21858.7	22253.5	23875.8	24458.8	23909.8	23141.8	22201.0	20843.9	16337.7	2905.4
55°	19900.1	20051.3	21180.1	23548.9	24687.0	24353.9	23709.3	22750.1	21710.6	18139.0	4025.1
57.5°	19079.7	19119.8	20529.3	23317.6	24788.8	24745.6	24261.4	23274.4	22506.4	19579.4	5733.8
60°	20038.9	19977.2	20720.6	23493.4	24992.4	25097.2	24751.8	23761.7	23197.3	20816.2	8010.0
62.5°	21772.3	21738.4	21975.9	24242.9	25587.6	25800.5	25433.4	24113.3	23808.0	21630.4	10607.0
65°	23320.7	23249.7	23690.8	25572.2	26633.2	26784.4	26463.6	24714.8	24076.3	22222.6	13046.7
67.5°	23990.0	23974.5	24683.9	26836.8	27731.3	27894.7	27614.1	25544.5	24014.6	22410.8	14123.2
70°	23684.6	23626.0	24761.0	27373.5	28351.2	28536.3	28264.8	25852.9	23345.3	21815.5	12528.6
71°	23348.4	23191.1	24529.7	27336.5	28437.6	28594.9	28119.9	25572.2	22672.9	20970.4	11082.0
72.5°	22305.9	22333.7	23894.3	26950.9	28230.9	28184.7	27299.4	24566.7	21861.8	19051.9	8901.4
75°	19739.7	19903.2	21837.1	25331.6	26386.5	25797.4	24443.4	22645.2	20233.2	13660.5	6181.0
77.5°	16131.1	16374.7	18499.8	22216.5	21917.3	21858.7	21803.2	19952.6	17278.4	7337.6	4299.6
80°	7701.6	8229.0	11159.1	15859.7	17229.1	17892.2	17475.8	16078.6	13361.3	3494.6	2569.3
82.5°	502.7	496.6	703.2	1332.4	5616.6	7260.5	11535.4	11492.2	9314.7	1702.6	1048.7
85°	237.5	243.7	268.3	305.3	354.7	388.6	536.7	3146.0	4456.9	811.2	228.2
87.5°	138.8	141.9	166.6	212.8	277.6	308.4	367.0	471.9	579.9	447.2	49.3
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: P1048667

CATALOG NUMBER: GALN-SA9C-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8	249.8
2.5°	252.9	249.8	240.6	231.3	222.1	215.9	212.8	215.9	215.9	219.0	219.0
5°	252.9	243.7	228.2	209.7	197.4	185.1	178.9	175.8	178.9	178.9	178.9
7.5°	249.8	234.4	212.8	191.2	175.8	160.4	154.2	151.1	151.1	154.2	154.2
10°	243.7	228.2	200.5	175.8	157.3	138.8	129.5	120.3	120.3	120.3	123.4
12.5°	240.6	219.0	185.1	160.4	135.7	114.1	95.6	86.4	89.4	89.4	89.4
15°	234.4	209.7	175.8	145.0	114.1	86.4	70.9	61.7	64.8	67.9	64.8
17.5°	234.4	206.7	163.5	126.5	89.4	64.8	52.4	46.3	46.3	49.3	49.3
20°	234.4	200.5	154.2	108.0	67.9	49.3	37.0	33.9	33.9	40.1	43.2
22.5°	240.6	200.5	141.9	89.4	55.5	37.0	27.8	24.7	27.8	33.9	37.0
25°	249.8	197.4	129.5	80.2	46.3	27.8	21.6	15.4	18.5	24.7	27.8
27.5°	259.1	194.3	117.2	70.9	37.0	21.6	15.4	12.3	9.3	12.3	12.3
30°	268.3	194.3	104.9	58.6	30.8	15.4	9.3	6.2	3.1	0.0	0.0
32.5°	274.5	188.1	95.6	46.3	24.7	12.3	6.2	3.1	0.0	0.0	0.0
35°	280.7	182.0	83.3	37.0	18.5	9.3	3.1	0.0	0.0	0.0	0.0
37.5°	286.8	172.7	70.9	30.8	15.4	6.2	0.0	0.0	0.0	0.0	0.0
40°	293.0	160.4	58.6	27.8	9.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	299.2	151.1	49.3	21.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	314.6	145.0	40.1	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	342.4	138.8	37.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	382.5	132.6	33.9	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	438.0	129.5	30.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	536.7	126.5	27.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	706.3	123.4	27.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	1082.6	117.2	27.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1933.9	114.1	24.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3371.2	117.2	24.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4833.2	123.4	21.6	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	4136.1	108.0	21.6	12.3	6.2	3.1	0.0	0.0	0.0	0.0	0.0
71°	3371.2	95.6	21.6	12.3	6.2	3.1	3.1	0.0	0.0	0.0	0.0
72.5°	2168.3	74.0	18.5	12.3	6.2	6.2	3.1	0.0	0.0	0.0	0.0
75°	916.0	61.7	18.5	12.3	9.3	6.2	6.2	3.1	0.0	0.0	0.0
77.5°	391.7	46.3	18.5	15.4	12.3	9.3	9.3	6.2	3.1	0.0	0.0
80°	148.0	37.0	21.6	18.5	15.4	15.4	12.3	6.2	3.1	0.0	0.0
82.5°	67.9	30.8	21.6	18.5	18.5	15.4	12.3	9.3	6.2	0.0	0.0
85°	43.2	27.8	21.6	18.5	18.5	15.4	15.4	9.3	6.2	0.0	0.0
87.5°	33.9	27.8	21.6	21.6	18.5	18.5	12.3	9.3	3.1	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

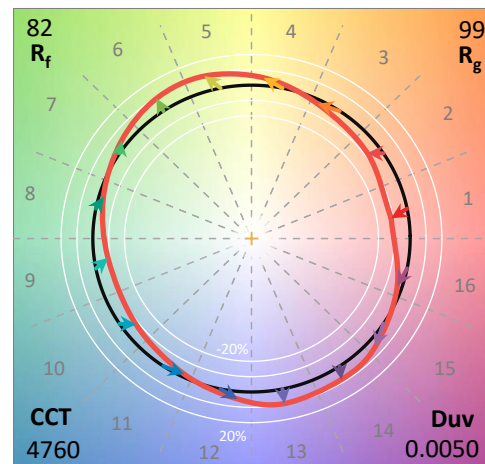
Test Information

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

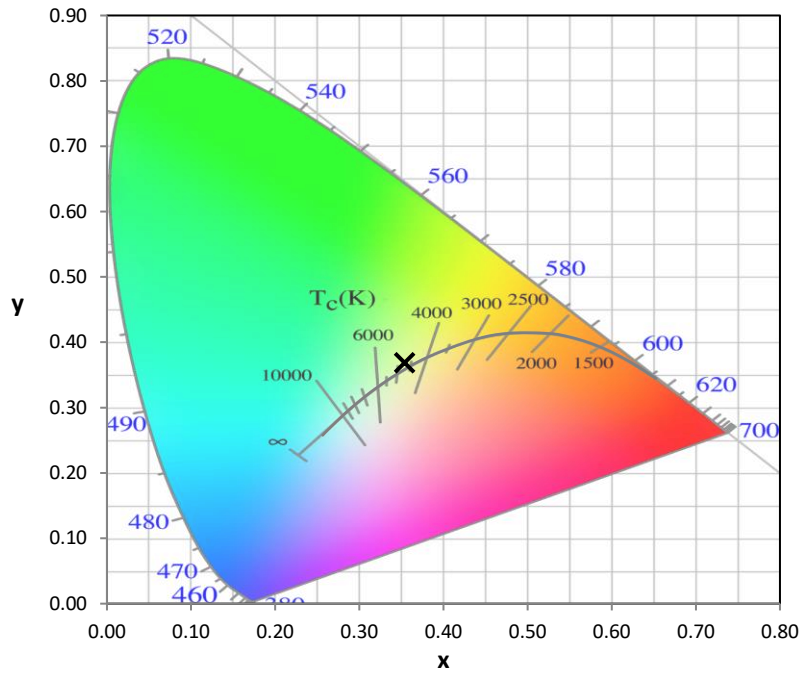
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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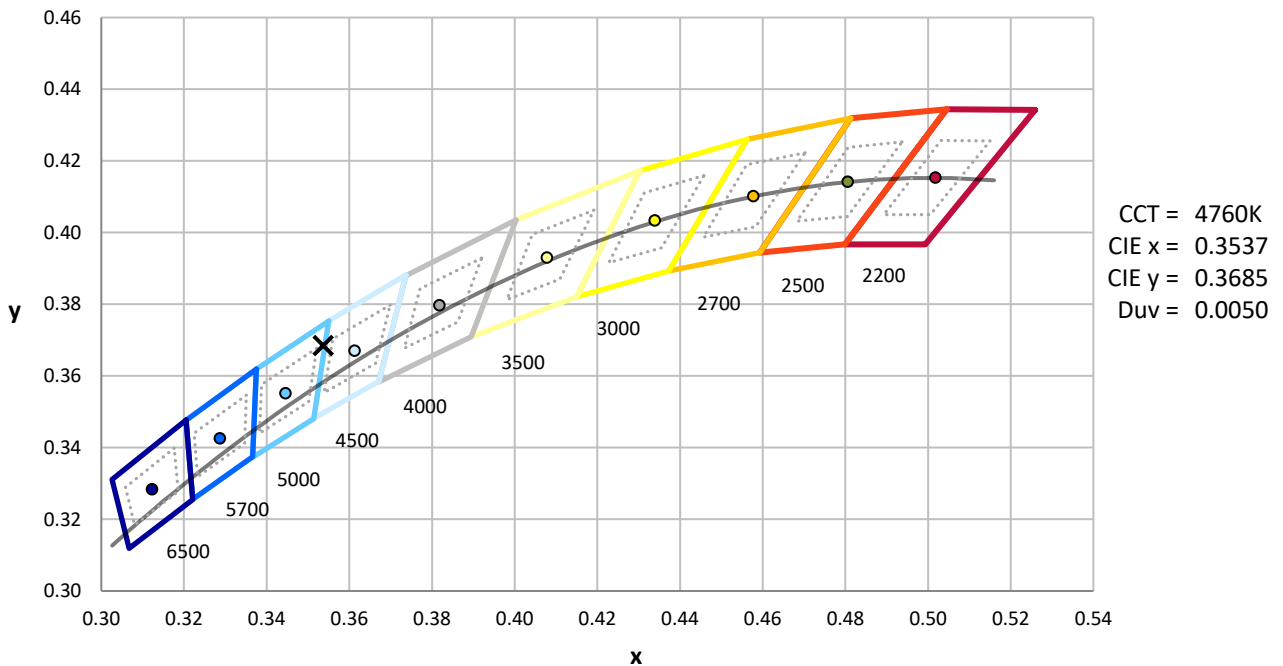
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



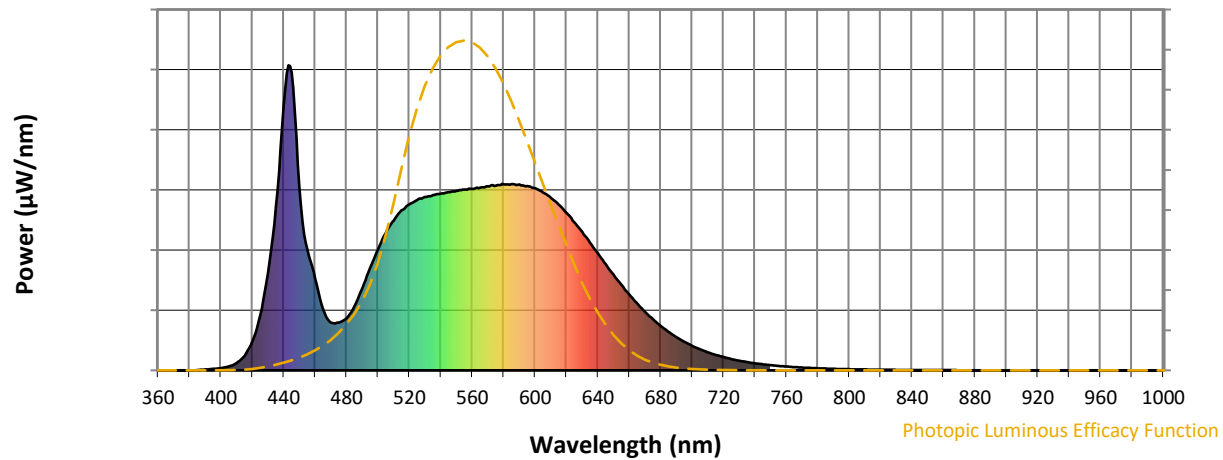
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

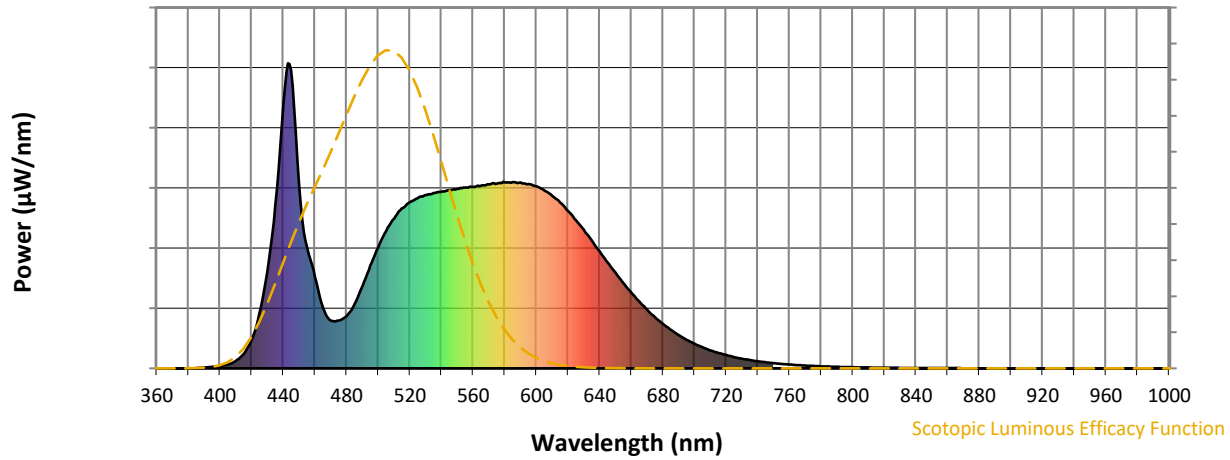


Photopic Lumens: NR

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



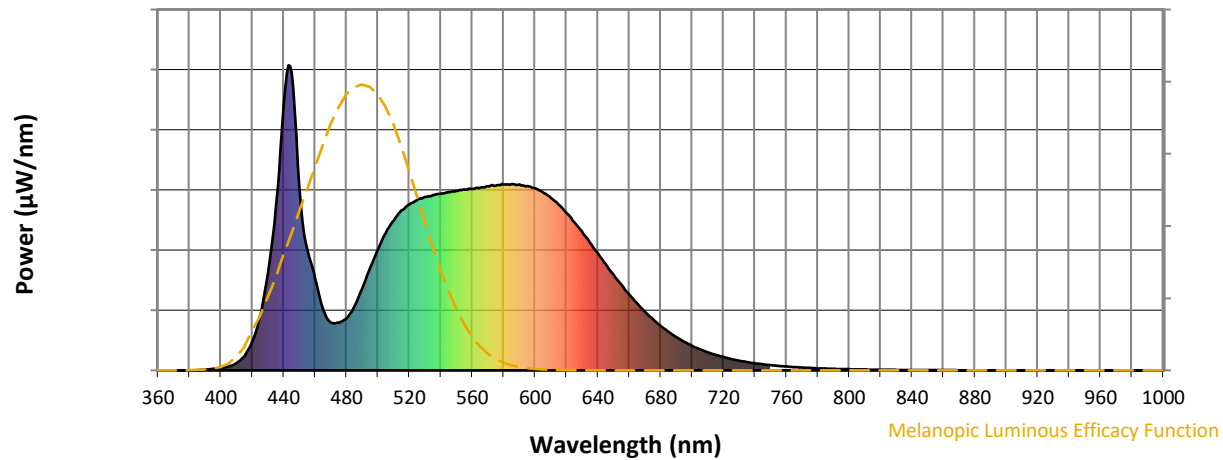
Scotopic Lumens: NR

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

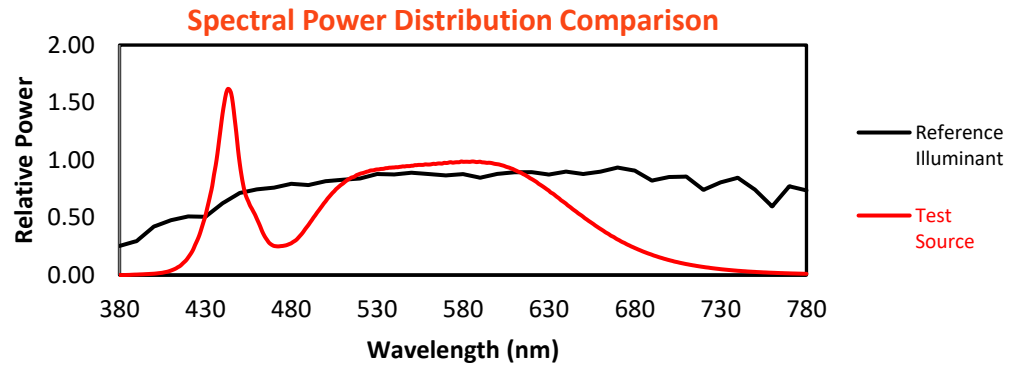
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630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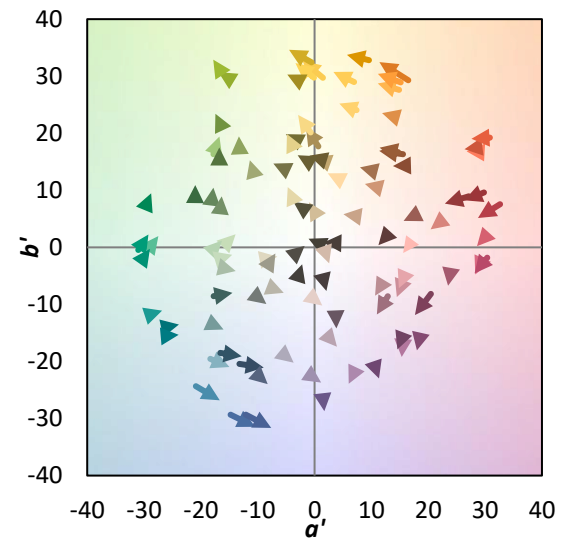
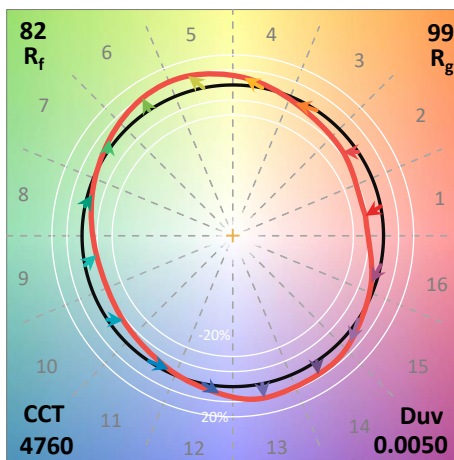
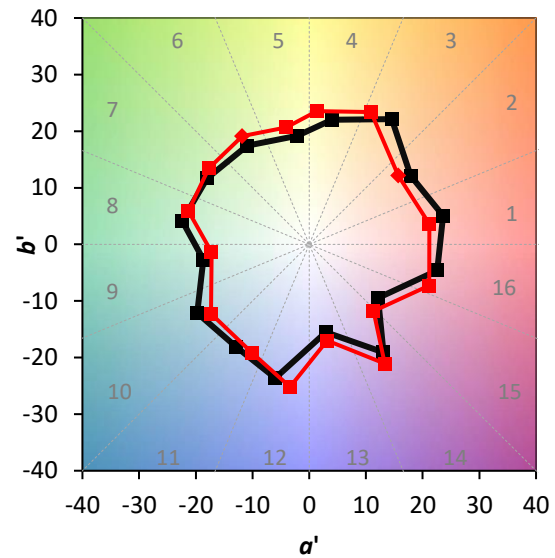
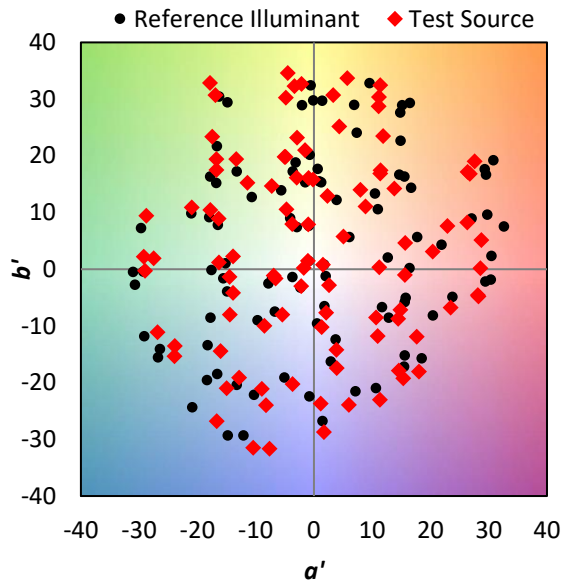
TM-30-18

Summary

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

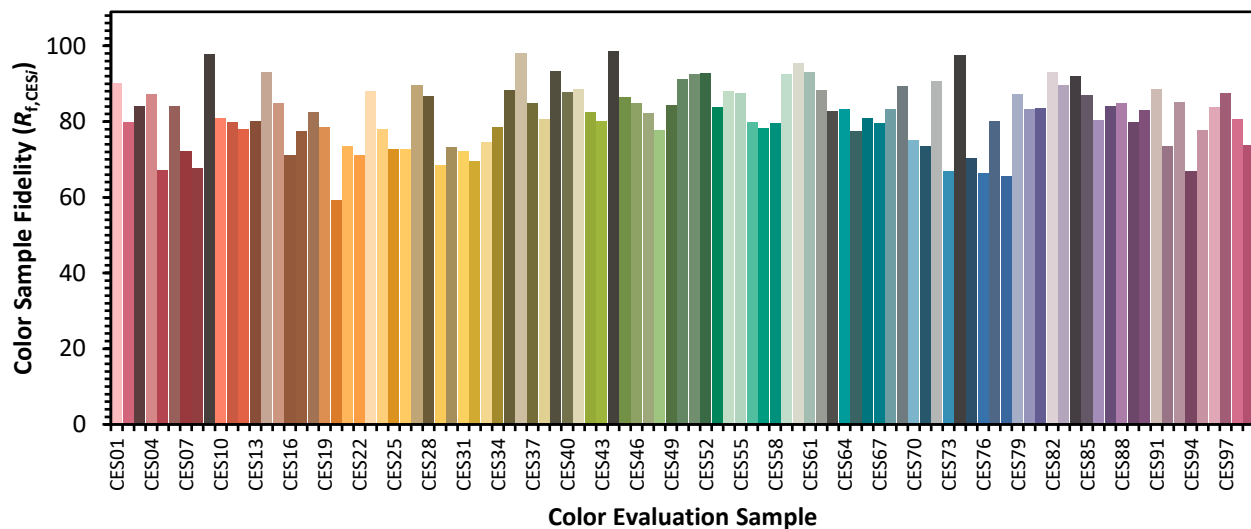


Color Vector Graphics

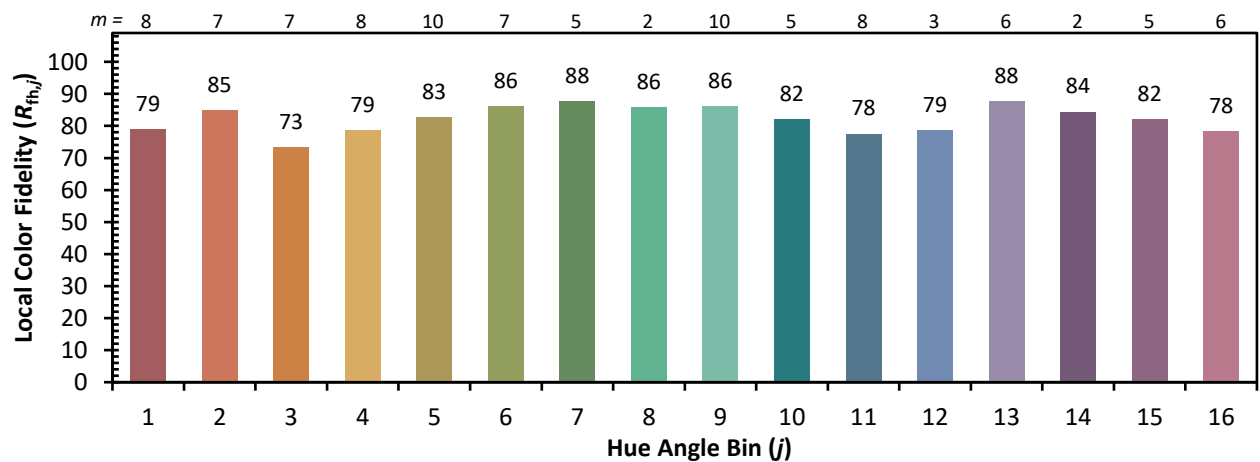
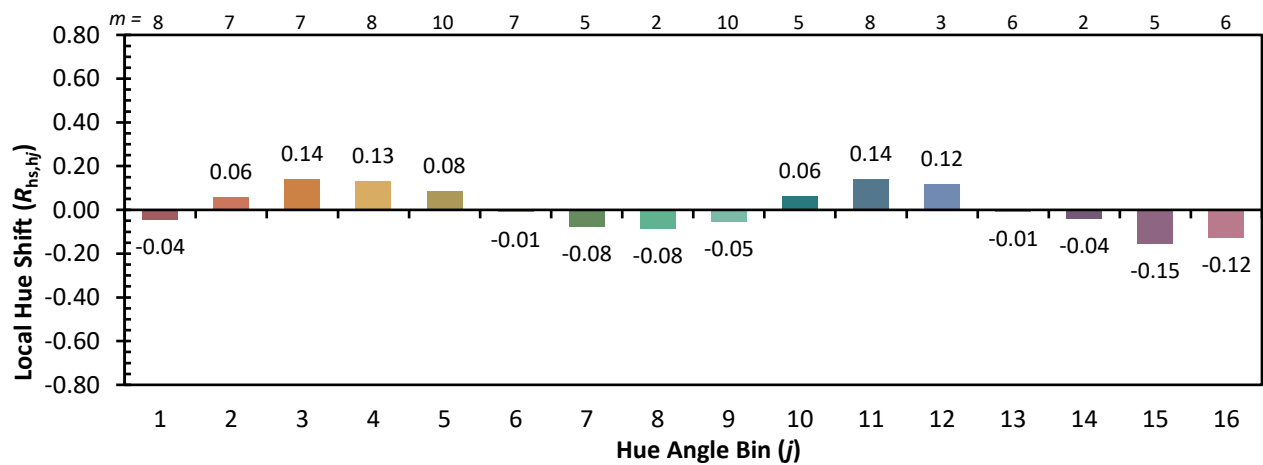
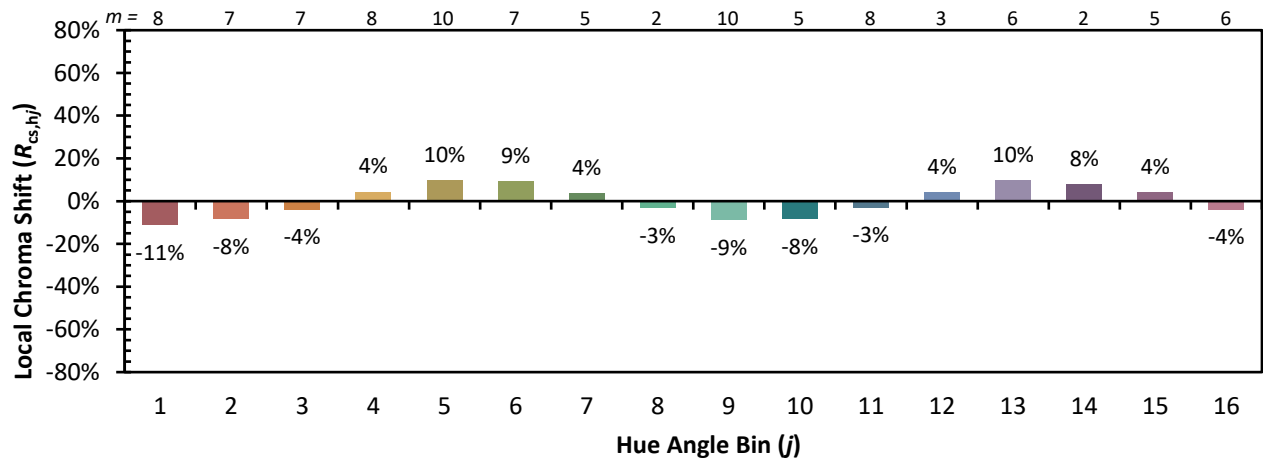


Individual Sample Fidelity Index ($R_{f,i}$)

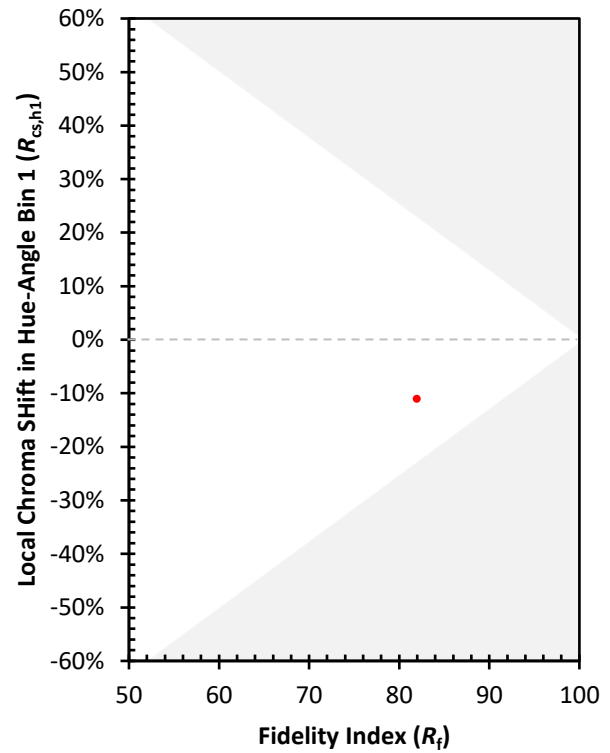
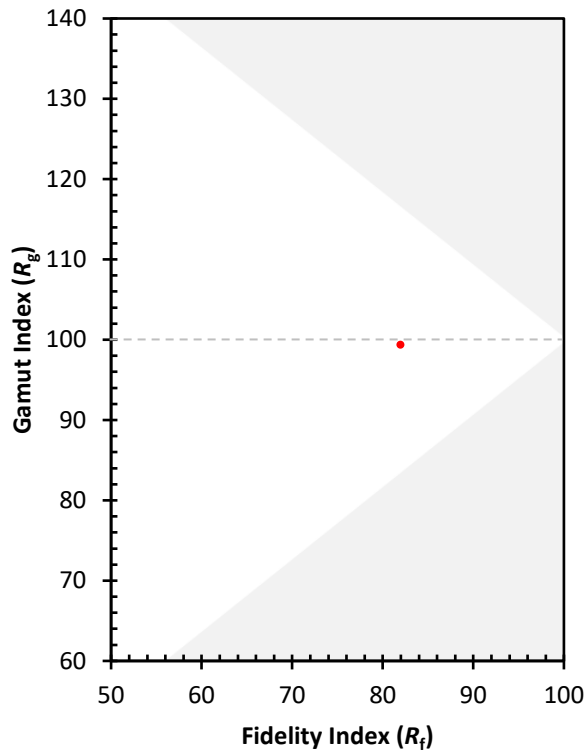
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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