

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: P1048658

Luminaire Tested: **GALN-SA7B-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048658
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28846.2 lumens
Efficiency: N/A
Efficacy: 115.6 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): 249.5
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



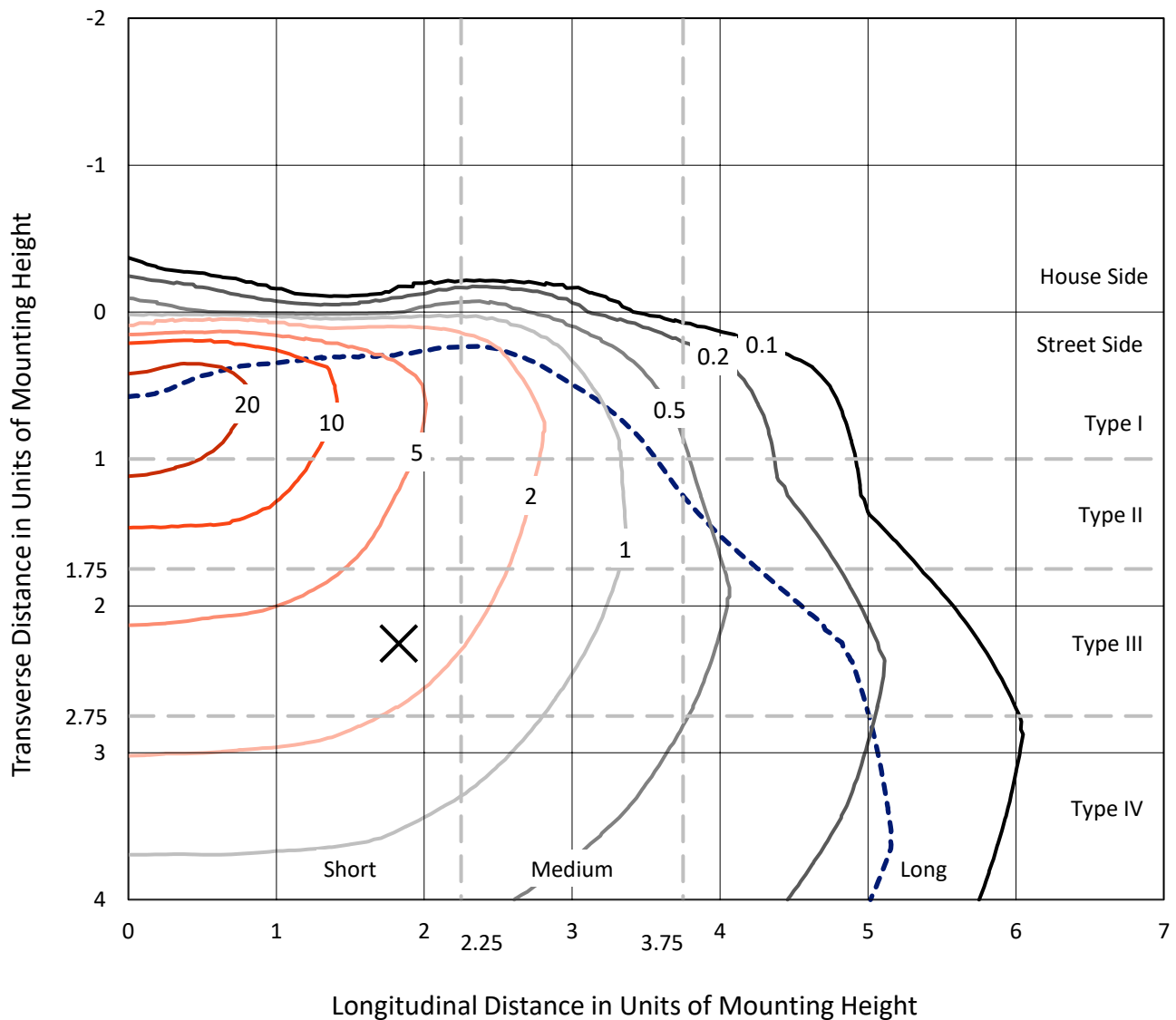
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CATALOG NUMBER: GALN-SA7B-850-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

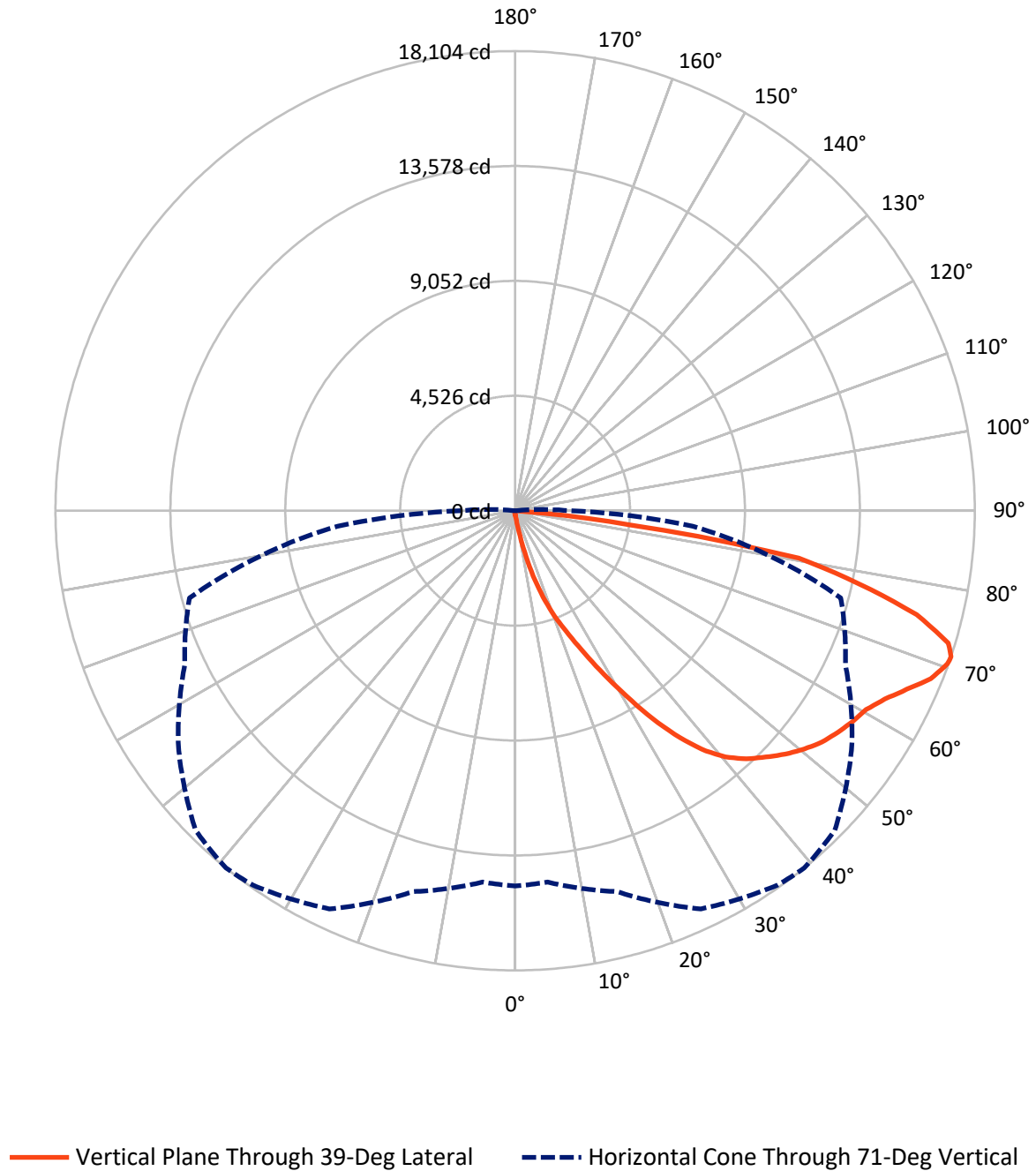


Based on 15 foot mounting height. Maximum calculated value = 29.7 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA7B-850-U-T4BC

Luminous Intensity Polar Plot



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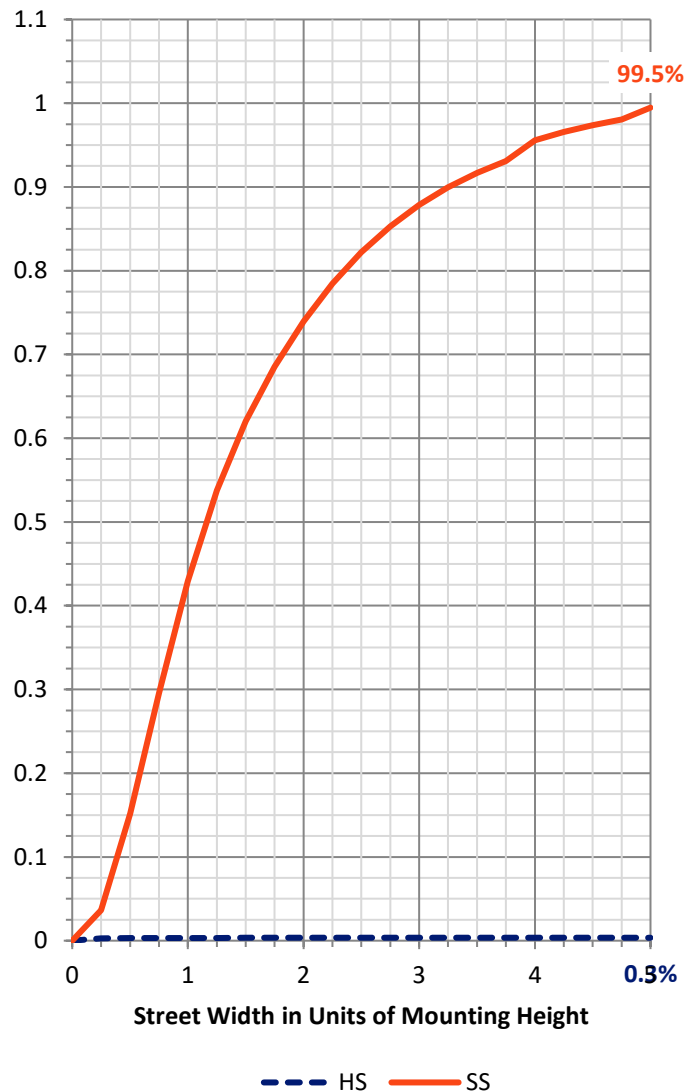
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.5	0.0	102.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28743.6	0.0	28743.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	28846.2	0.0	28846.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	0.1
10°-20°	308.3	1.1
20°-30°	1098.0	3.8
30°-40°	2646.2	9.2
40°-50°	4428.6	15.4
50°-60°	5688.0	19.7
60°-70°	7198.2	25.0
70°-80°	6417.5	22.2
80°-90°	1037.4	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°	28846.2	100.0
0°-180°	28846.2	100.0



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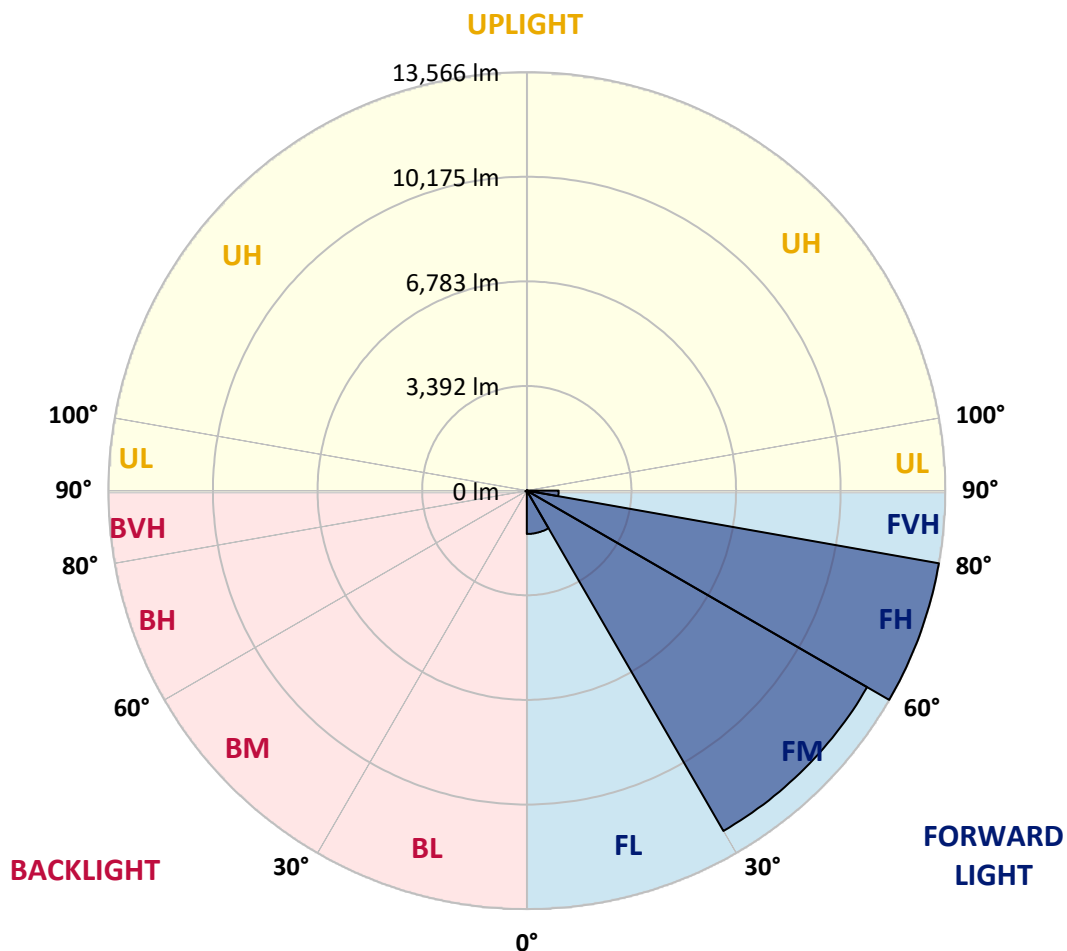
CATALOG NUMBER: GALN-SA7B-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1405.6	4.9			
FM	(30°-60°)	12739.0	44.2			
FH	(60°-80°)	13566.4	47.0			G5
FVH	(80°-90°)	1032.6	3.6			G5
BL	(0°-30°)	24.8	0.1	B0/110		
BM	(30°-60°)	23.7	0.1	B0/220		
BH	(60°-80°)	49.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2
2.5°	181.6	181.6	181.6	175.7	175.7	173.8	171.8	171.8	167.9	166.0	162.1
5°	275.3	269.5	255.8	248.0	232.4	222.6	212.8	199.2	185.5	175.7	164.0
7.5°	622.9	636.6	591.7	507.7	421.8	384.7	322.2	259.7	214.8	185.5	166.0
10°	1587.6	1579.8	1427.4	1259.5	972.5	857.2	671.7	423.7	277.3	203.1	167.9
12.5°	2700.6	2692.8	2513.2	2284.7	1905.9	1665.7	1314.2	790.9	398.4	230.4	167.9
15°	3636.0	3604.7	3548.1	3321.6	2878.3	2677.2	2212.4	1398.2	644.4	277.3	171.8
17.5°	4255.0	4227.7	4174.9	4092.9	3811.7	3573.5	3200.5	2196.8	1042.8	359.3	179.7
20°	4823.2	4803.7	4760.8	4745.1	4563.5	4436.6	4128.1	3114.6	1624.7	488.2	191.4
22.5°	5604.3	5563.3	5580.9	5487.2	5309.5	5157.2	4967.7	4075.3	2335.5	703.0	212.8
25°	6561.2	6541.6	6492.8	6426.4	6180.4	6047.6	5756.6	4981.4	3130.2	984.2	236.3
27.5°	7717.2	7695.7	7684.0	7531.7	7248.5	7104.0	6697.9	5836.7	4024.6	1378.6	267.5
30°	9049.0	9058.7	8982.6	8787.3	8457.3	8254.2	7836.3	6733.0	4940.4	1841.4	300.7
32.5°	10427.6	10408.1	10290.9	10060.5	9765.6	9576.2	9045.0	7715.2	5901.2	2452.6	339.8
35°	11913.6	11876.5	11568.0	11304.4	11052.5	10814.2	10329.9	8855.6	6861.9	3138.0	392.5
37.5°	13413.3	13239.5	12620.5	12286.6	12112.8	11917.5	11466.4	10072.2	7816.8	3903.5	456.9
40°	14545.9	14411.1	13676.9	13061.8	12923.2	12757.2	12421.3	11122.8	8832.2	4725.6	535.0
42.5°	15172.7	15098.5	14438.5	13831.2	13505.1	13358.6	13071.6	12040.5	9835.9	5633.6	648.3
45°	15440.2	15325.0	14883.7	14600.6	14081.1	13839.0	13497.3	12733.8	10884.5	6664.7	806.5
47.5°	15358.2	15291.8	14975.5	15079.0	14702.1	14325.2	13823.4	13264.9	11780.8	7848.0	1023.2
50°	14842.7	14786.1	14688.4	15248.9	15202.0	14756.8	14245.2	13684.7	12513.1	9068.5	1359.1
52.5°	13862.4	13839.0	14088.9	15116.1	15485.1	15137.6	14651.3	14055.8	13196.5	10343.6	1839.5
55°	12599.0	12694.7	13409.4	14909.1	15629.7	15418.8	15010.6	14403.3	13745.3	11484.0	2548.3
57.5°	12079.6	12105.0	12997.4	14762.6	15694.1	15666.8	15360.2	14735.3	14249.1	12395.9	3630.1
60°	12686.9	12647.8	13118.4	14873.9	15823.0	15889.4	15670.7	15043.8	14686.5	13179.0	5071.2
62.5°	13784.3	13762.8	13913.2	15348.5	16199.8	16334.6	16102.2	15266.4	15073.1	13694.5	6715.4
65°	14764.6	14719.7	14998.9	16190.1	16861.8	16957.5	16754.4	15647.2	15243.0	14069.4	8260.0
67.5°	15188.3	15178.6	15627.7	16990.7	17557.0	17660.5	17482.8	16172.5	15204.0	14188.5	8941.6
70°	14995.0	14957.9	15676.5	17330.5	17949.5	18066.7	17894.8	16367.8	14780.2	13811.7	7932.0
71°	14782.2	14682.6	15530.1	17307.0	18004.2	18103.8	17803.0	16190.1	14354.5	13276.6	7016.2
72.5°	14122.1	14139.7	15127.8	17063.0	17873.3	17844.0	17283.6	15553.5	13841.0	12062.0	5635.6
75°	12497.5	12601.0	13825.3	16037.8	16705.6	16332.6	15475.4	14336.9	12809.9	8648.6	3913.3
77.5°	10212.8	10367.0	11712.5	14065.5	13876.1	13839.0	13803.8	12632.2	10939.2	4645.5	2722.1
80°	4876.0	5209.9	7065.0	10040.9	10907.9	11327.8	11064.2	10179.6	8459.2	2212.4	1626.6
82.5°	318.3	314.4	445.2	843.6	3555.9	4596.7	7303.2	7275.9	5897.2	1077.9	663.9
85°	150.4	154.3	169.9	193.3	224.6	246.0	339.8	1991.8	2821.7	513.6	144.5
87.5°	87.9	89.8	105.4	134.7	175.7	195.3	232.4	298.8	367.1	283.1	31.2
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: P1048658

CATALOG NUMBER: GALN-SA7B-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2	158.2
2.5°	160.1	158.2	152.3	146.5	140.6	136.7	134.7	136.7	136.7	138.6	138.6
5°	160.1	154.3	144.5	132.8	125.0	117.2	113.3	111.3	113.3	113.3	113.3
7.5°	158.2	148.4	134.7	121.1	111.3	101.5	97.6	95.7	95.7	97.6	97.6
10°	154.3	144.5	126.9	111.3	99.6	87.9	82.0	76.2	76.2	76.2	78.1
12.5°	152.3	138.6	117.2	101.5	85.9	72.3	60.5	54.7	56.6	56.6	56.6
15°	148.4	132.8	111.3	91.8	72.3	54.7	44.9	39.1	41.0	43.0	41.0
17.5°	148.4	130.8	103.5	80.1	56.6	41.0	33.2	29.3	29.3	31.2	31.2
20°	148.4	126.9	97.6	68.3	43.0	31.2	23.4	21.5	21.5	25.4	27.3
22.5°	152.3	126.9	89.8	56.6	35.1	23.4	17.6	15.6	17.6	21.5	23.4
25°	158.2	125.0	82.0	50.8	29.3	17.6	13.7	9.8	11.7	15.6	17.6
27.5°	164.0	123.0	74.2	44.9	23.4	13.7	9.8	7.8	5.9	7.8	7.8
30°	169.9	123.0	66.4	37.1	19.5	9.8	5.9	3.9	2.0	0.0	0.0
32.5°	173.8	119.1	60.5	29.3	15.6	7.8	3.9	2.0	0.0	0.0	0.0
35°	177.7	115.2	52.7	23.4	11.7	5.9	2.0	0.0	0.0	0.0	0.0
37.5°	181.6	109.4	44.9	19.5	9.8	3.9	0.0	0.0	0.0	0.0	0.0
40°	185.5	101.5	37.1	17.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	189.4	95.7	31.2	13.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	199.2	91.8	25.4	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	216.8	87.9	23.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	242.1	84.0	21.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	277.3	82.0	19.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	339.8	80.1	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	447.2	78.1	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	685.4	74.2	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1224.4	72.3	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2134.3	74.2	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3059.9	78.1	13.7	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2618.6	68.3	13.7	7.8	3.9	2.0	0.0	0.0	0.0	0.0	0.0
71°	2134.3	60.5	13.7	7.8	3.9	2.0	2.0	0.0	0.0	0.0	0.0
72.5°	1372.8	46.9	11.7	7.8	3.9	3.9	2.0	0.0	0.0	0.0	0.0
75°	580.0	39.1	11.7	7.8	5.9	3.9	3.9	2.0	0.0	0.0	0.0
77.5°	248.0	29.3	11.7	9.8	7.8	5.9	5.9	3.9	2.0	0.0	0.0
80°	93.7	23.4	13.7	11.7	9.8	9.8	7.8	3.9	2.0	0.0	0.0
82.5°	43.0	19.5	13.7	11.7	11.7	9.8	7.8	5.9	3.9	0.0	0.0
85°	27.3	17.6	13.7	11.7	11.7	9.8	9.8	5.9	3.9	0.0	0.0
87.5°	21.5	17.6	13.7	13.7	11.7	11.7	7.8	5.9	2.0	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

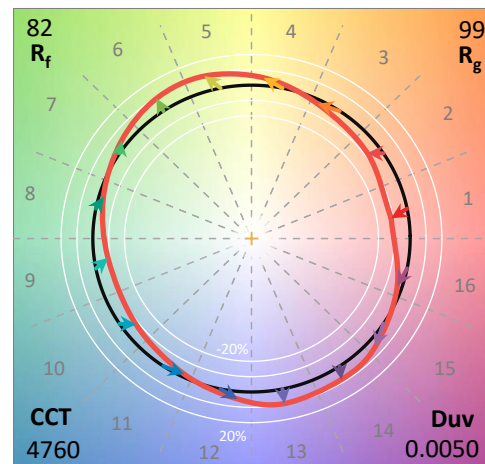
Test Information

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

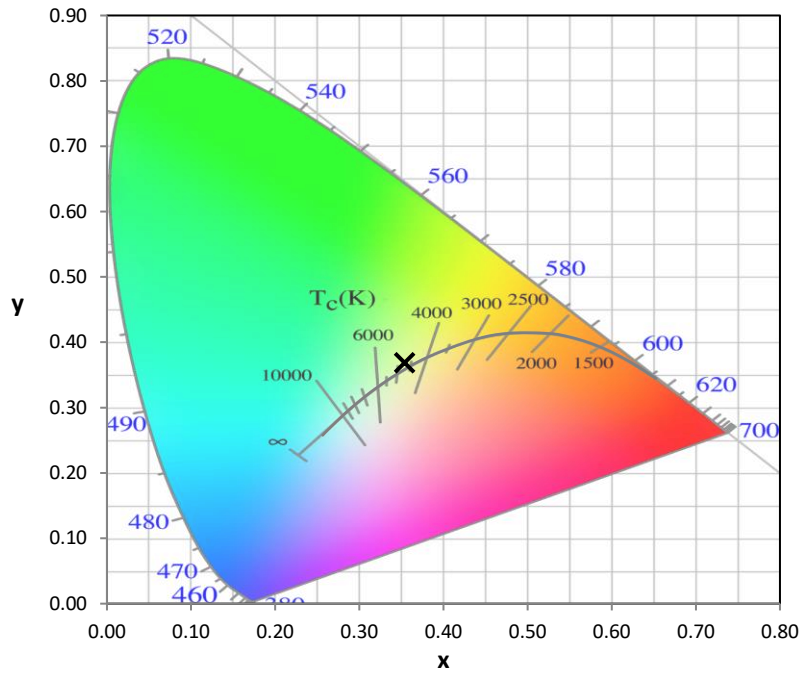
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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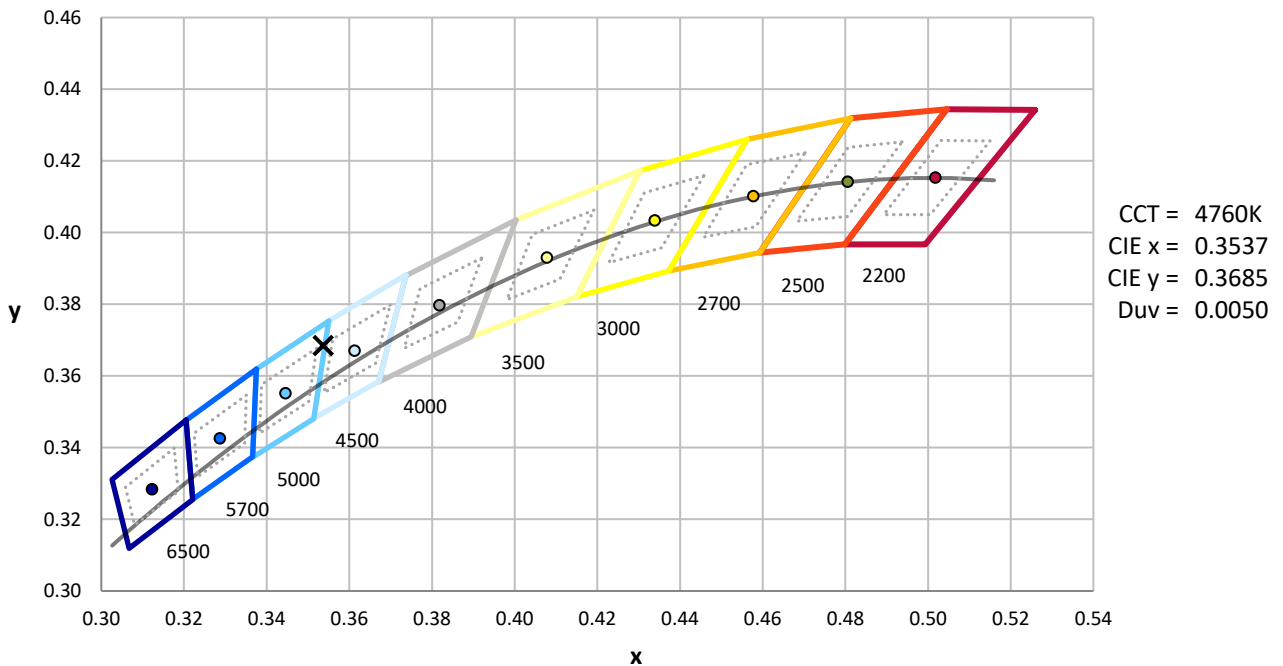
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



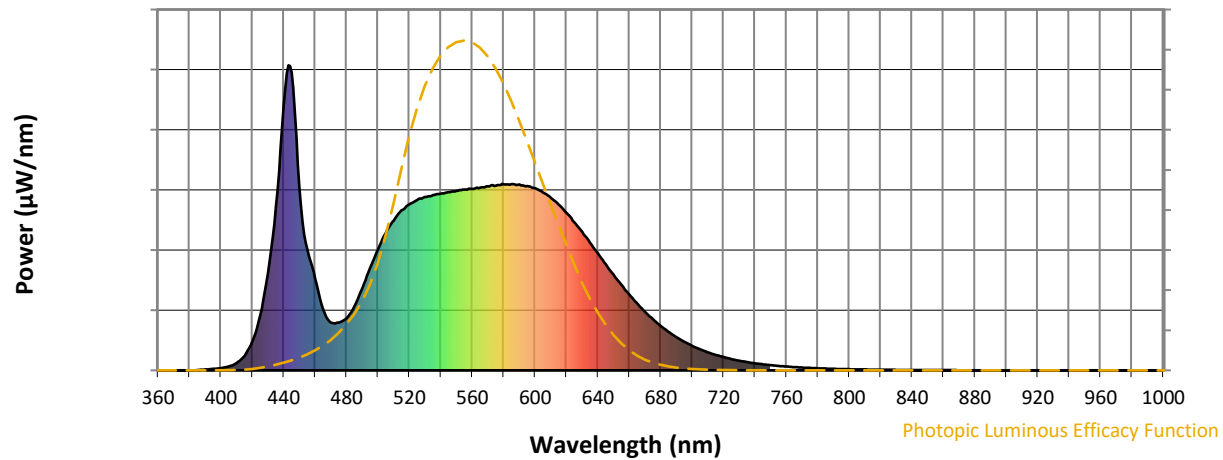
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

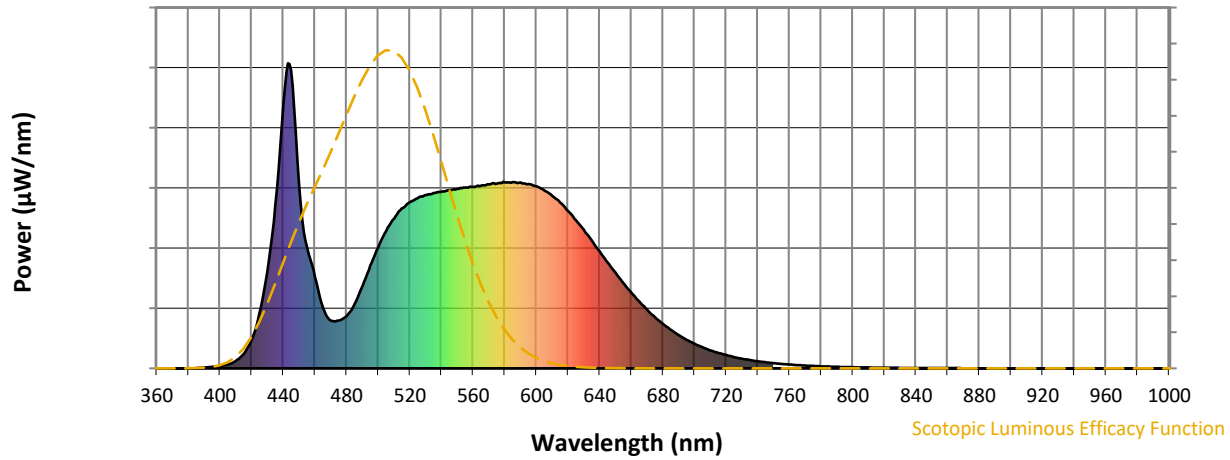


Photopic Lumens: NR

λ (nm)	Power 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



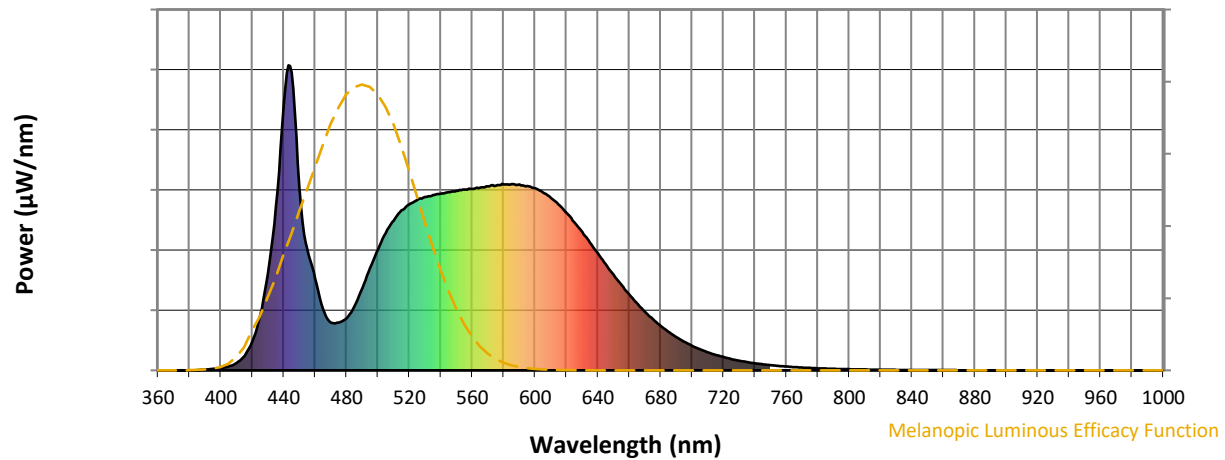
Scotopic Lumens: NR

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

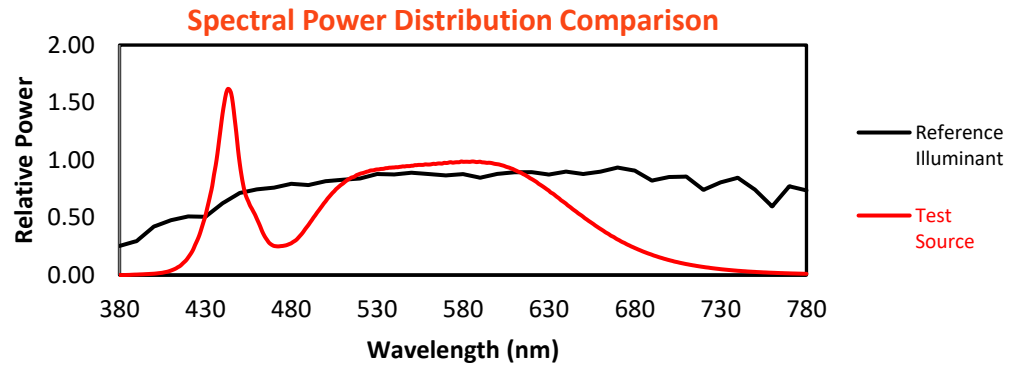
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630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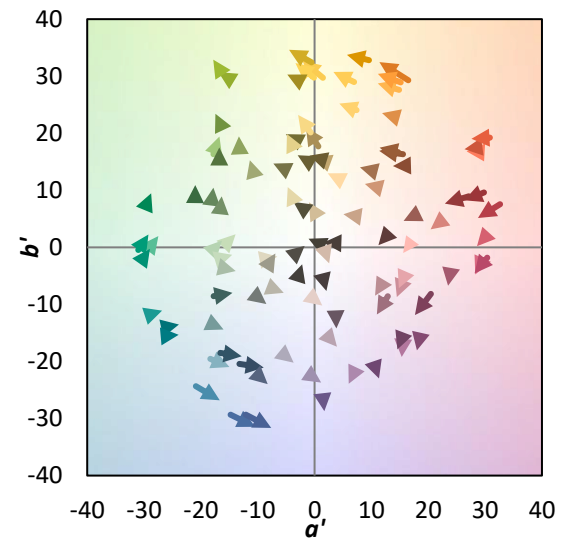
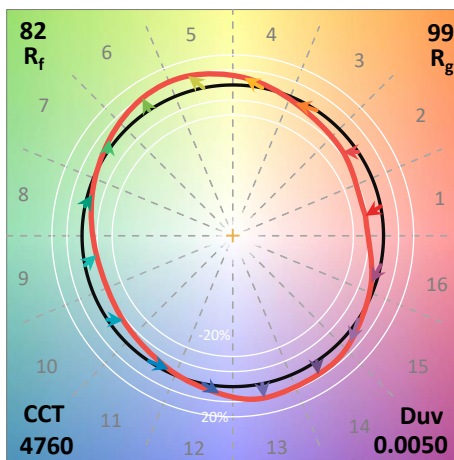
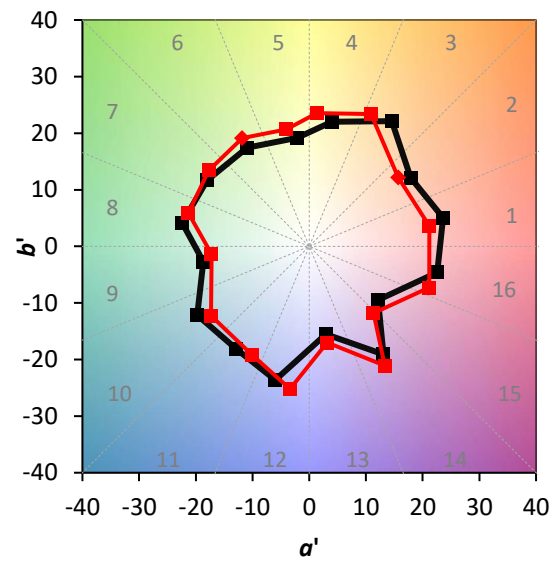
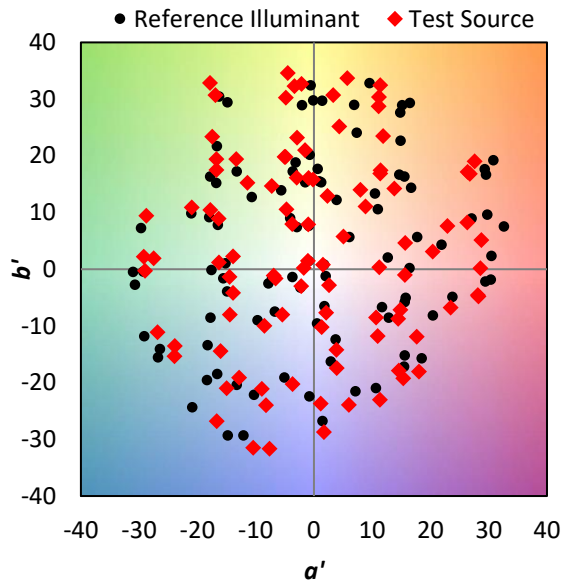
TM-30-18

Summary

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

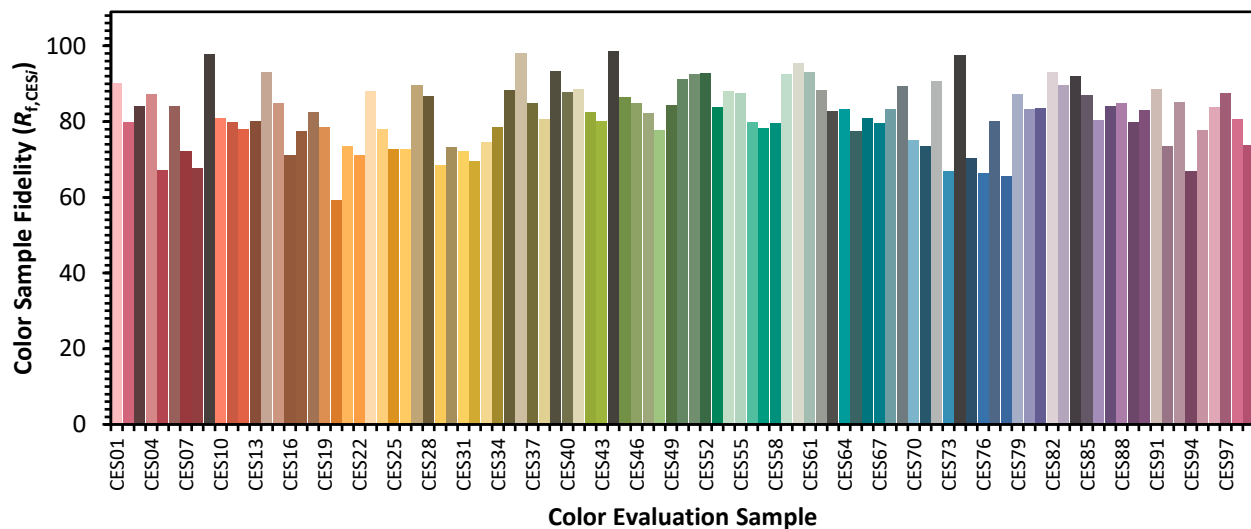


Color Vector Graphics

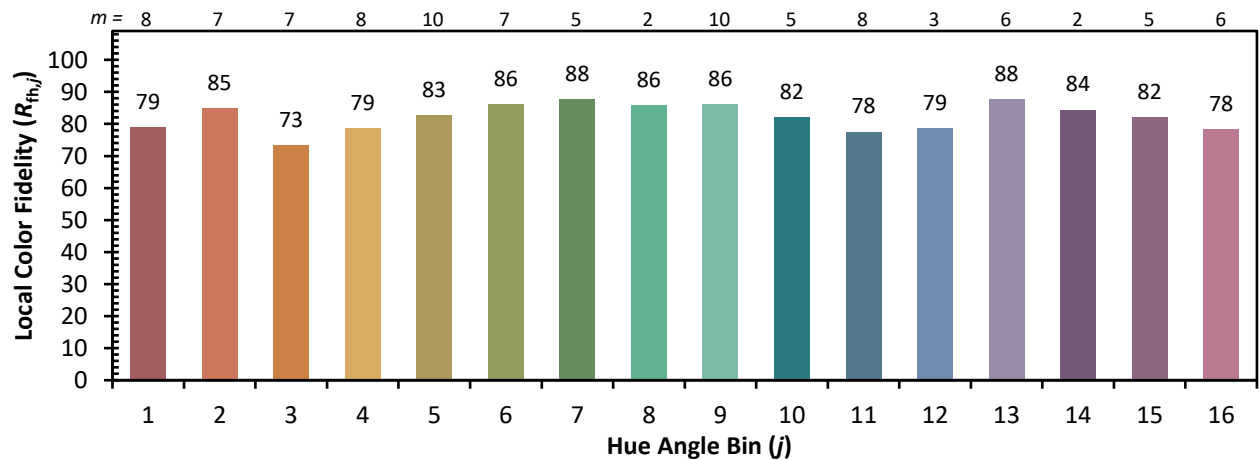
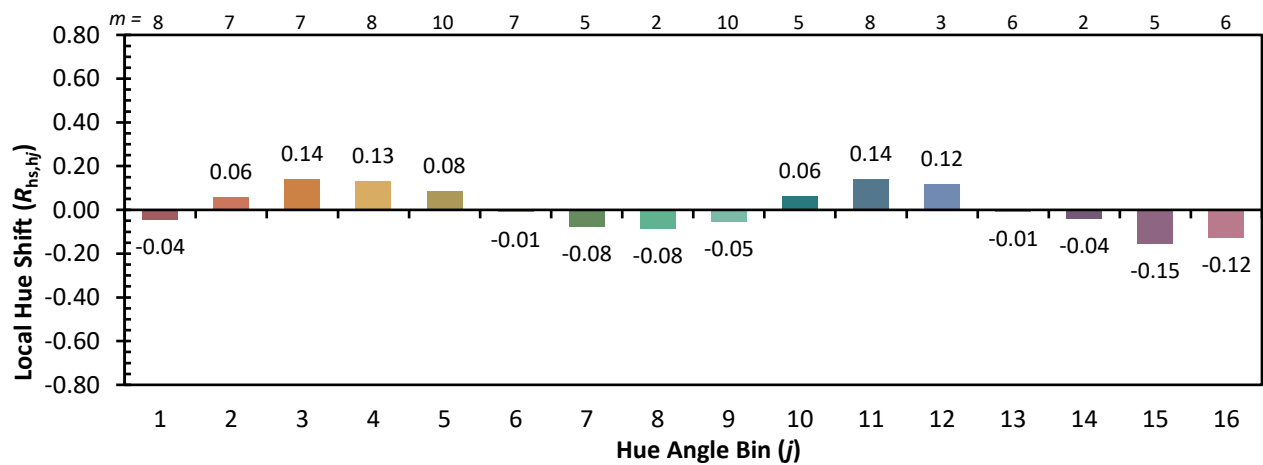
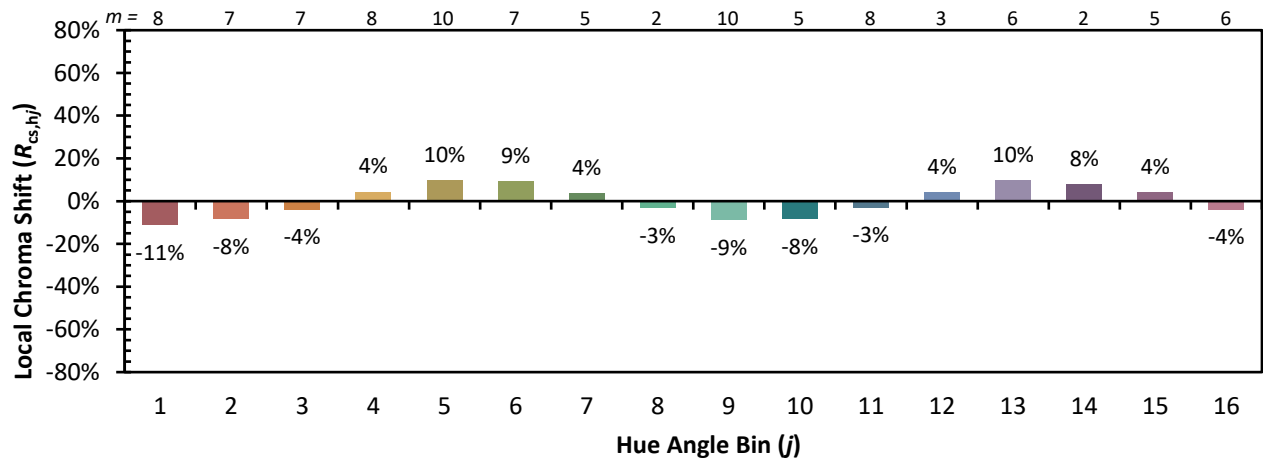


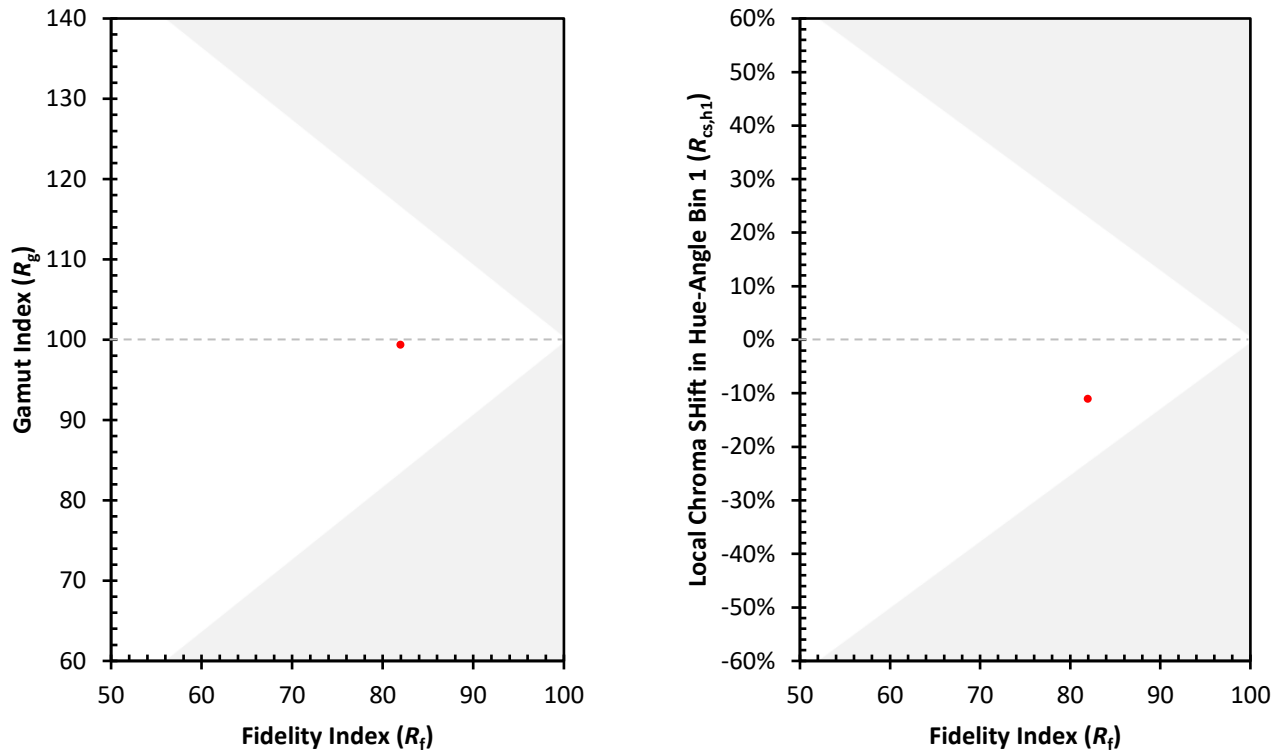
Individual Sample Fidelity Index ($R_{f,i}$)

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)