

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: P1047414

Luminaire Tested: **GALN-SA2B-850-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047414
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-850-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8748.5 lumens
Efficiency: N/A
Efficacy: 120.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

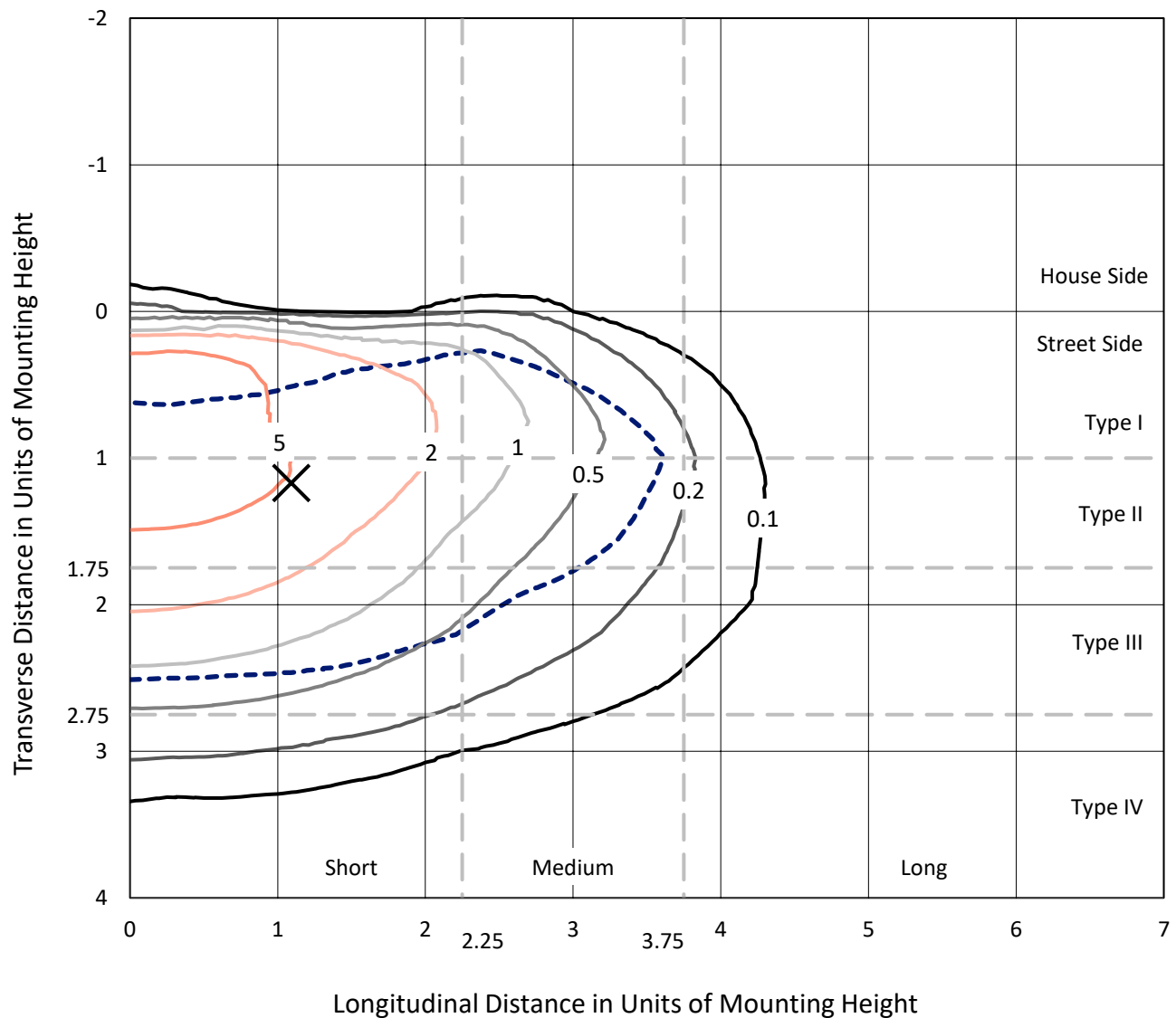


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

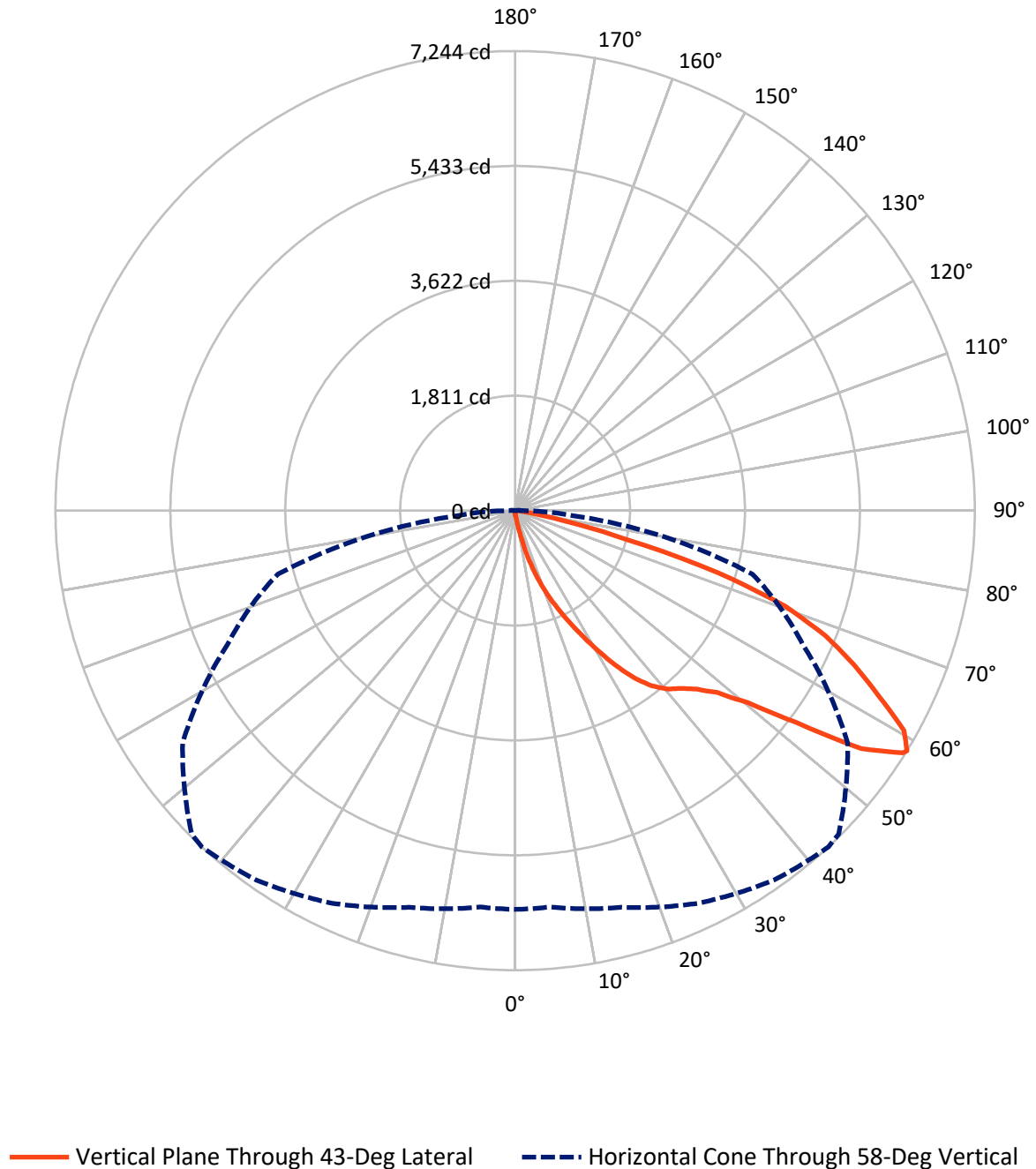


Based on 15 foot mounting height. Maximum calculated value = 9.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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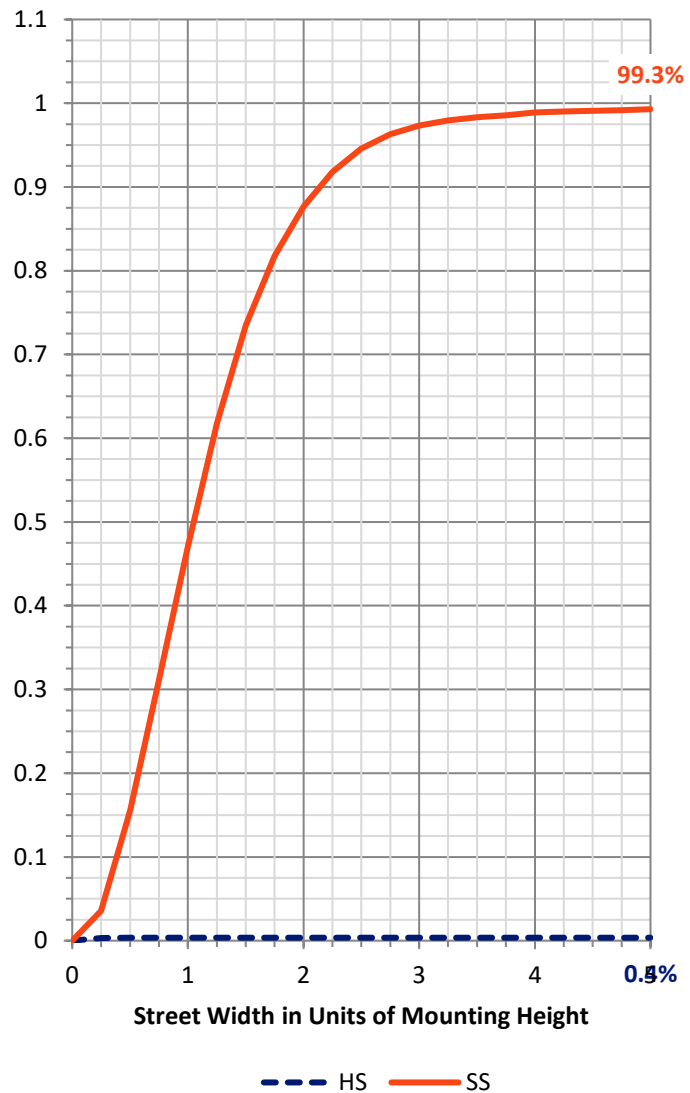
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.9	0.0	31.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8716.6	0.0	8716.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	8748.5	0.0	8748.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	0.1
10°-20°	100.6	1.1
20°-30°	362.5	4.1
30°-40°	829.3	9.5
40°-50°	1398.7	16.0
50°-60°	2308.2	26.4
60°-70°	2579.7	29.5
70°-80°	1065.1	12.2
80°-90°	96.0	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°	8748.5	100.0
0°-180°	8748.5	100.0



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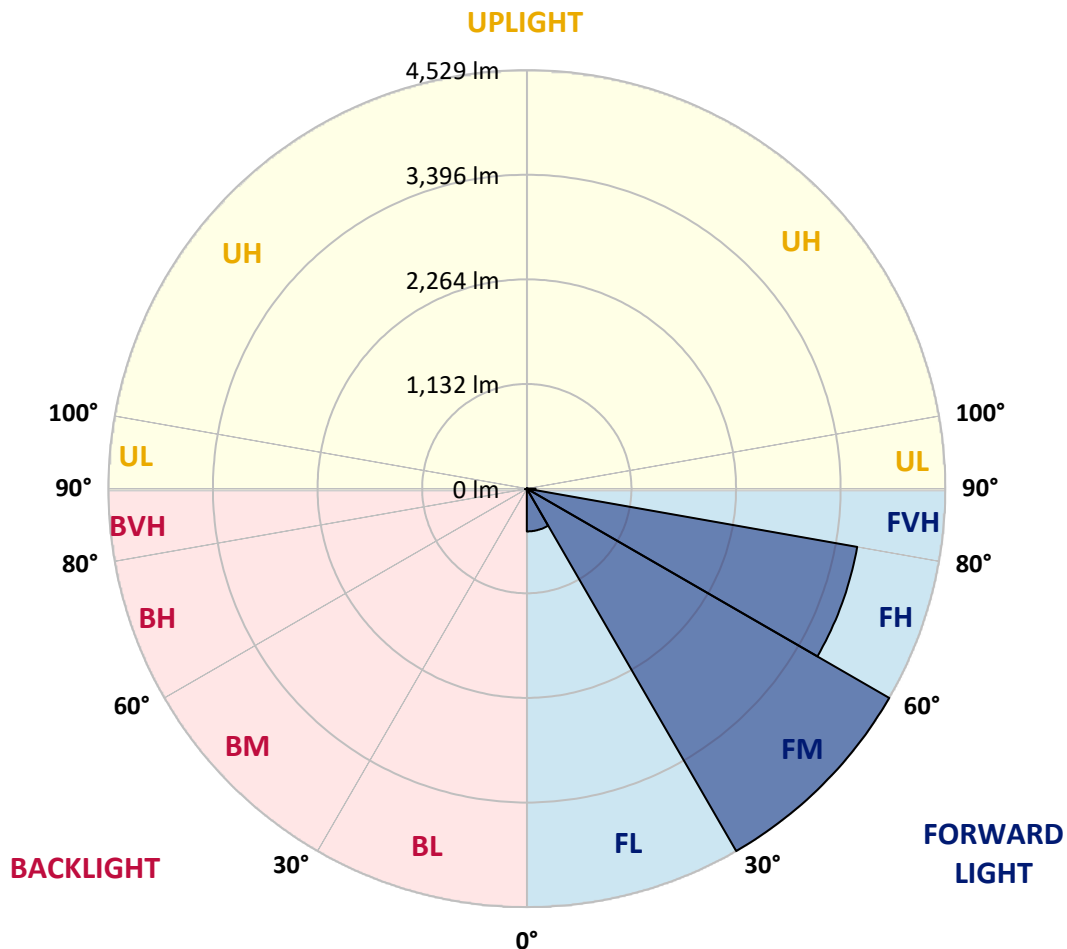
CATALOG NUMBER: GALN-SA2B-850-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	463.1	5.3			
FM	(30°-60°)	4528.6	51.8			
FH	(60°-80°)	3630.2	41.5			G2/5000
FVH	(80°-90°)	94.7	1.1			G1/100
BL	(0°-30°)	8.3	0.1	B0/110		
BM	(30°-60°)	7.7	0.1	B0/220		
BH	(60°-80°)	14.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2.5°	68.6	70.9	68.6	68.6	68.6	66.4	66.4	64.1	64.1	61.8	59.5
5°	100.7	100.7	93.8	89.2	84.7	82.4	80.1	75.5	70.9	66.4	61.8
7.5°	224.2	224.2	203.6	176.2	139.6	119.0	114.4	93.8	80.1	70.9	61.8
10°	535.4	535.4	489.7	414.1	320.3	238.0	212.8	135.0	96.1	75.5	64.1
12.5°	890.1	901.5	844.3	748.2	608.6	464.5	414.1	247.1	128.1	82.4	64.1
15°	1208.1	1180.7	1164.6	1073.1	940.4	768.8	704.7	416.4	185.3	93.8	64.1
17.5°	1423.2	1423.2	1400.3	1338.5	1217.3	1066.3	1013.6	672.7	299.7	107.5	66.4
20°	1674.9	1674.9	1633.7	1590.2	1482.7	1354.6	1304.2	956.4	464.5	137.3	66.4
22.5°	1979.2	1983.8	1938.0	1860.2	1757.3	1615.4	1571.9	1219.6	672.7	183.0	68.6
25°	2349.9	2354.4	2288.1	2214.9	2057.0	1903.7	1837.3	1521.6	926.7	256.3	68.6
27.5°	2759.4	2791.5	2693.1	2567.2	2400.2	2208.0	2157.7	1793.9	1178.4	361.5	73.2
30°	3269.7	3269.7	3139.3	2963.1	2782.3	2544.4	2480.3	2079.9	1446.1	501.1	77.8
32.5°	3709.0	3674.7	3507.6	3322.3	3130.1	2908.2	2839.5	2379.6	1720.6	675.0	86.9
35°	4045.4	4015.6	3809.7	3610.6	3443.6	3239.9	3157.6	2704.5	2011.2	871.8	100.7
37.5°	4333.7	4322.2	4043.1	3793.7	3683.8	3505.4	3432.1	3011.1	2297.2	1084.6	116.7
40°	4649.4	4612.8	4315.3	4006.5	3841.7	3697.6	3631.2	3258.2	2571.8	1334.0	139.6
42.5°	4919.4	4875.9	4608.2	4306.2	4024.8	3830.3	3766.2	3466.5	2839.5	1583.4	169.3
45°	5219.1	5196.3	4926.3	4697.5	4322.2	4011.0	3926.4	3633.5	3084.4	1880.8	208.2
47.5°	5669.9	5628.7	5377.0	5189.4	4754.7	4285.6	4164.3	3805.1	3320.0	2173.7	267.7
50°	6193.9	6166.4	6017.7	5869.0	5436.5	4754.7	4610.5	4052.2	3583.2	2521.5	345.5
52.5°	6621.7	6617.2	6635.5	6637.8	6310.6	5544.1	5329.0	4450.3	3885.2	2864.7	455.3
55°	6612.6	6633.2	6834.5	7065.6	7090.8	6621.7	6413.5	5120.8	4278.7	3288.0	608.6
57.5°	6365.5	6349.5	6562.3	6910.0	7154.9	7205.2	7170.9	6161.8	4871.4	3798.2	844.3
58°	6285.4	6271.7	6473.0	6827.7	7109.1	7244.1	7209.8	6397.5	5004.1	3871.5	908.4
60°	5994.8	5997.1	6116.1	6438.7	6720.1	7040.5	7072.5	7070.2	5665.3	4361.1	1231.0
62.5°	5610.4	5592.1	5701.9	5965.1	6212.2	6427.3	6482.2	7116.0	6633.2	4983.5	1846.5
65°	5079.6	5052.1	5168.8	5466.3	5731.7	5871.3	5873.5	6502.8	7088.5	5651.6	2725.1
67.5°	4093.4	4070.5	4303.9	4686.0	5095.6	5278.6	5361.0	5642.4	6704.1	6104.6	3228.5
70°	2507.8	2555.8	2880.7	3480.2	4180.3	4516.7	4640.3	4727.2	5708.8	6036.0	2700.0
72.5°	1157.8	1100.6	1377.4	1796.2	2594.7	3342.9	3471.0	3812.0	4525.9	5239.7	2013.5
75°	540.0	519.4	583.5	784.8	1176.1	1805.3	2038.7	3043.2	3471.0	3644.9	1452.9
77.5°	276.9	279.1	331.8	356.9	485.1	835.2	958.7	2002.1	2544.4	2034.1	974.7
80°	121.3	125.8	128.1	139.6	196.8	322.6	363.8	929.0	1739.0	1036.5	533.1
82.5°	77.8	80.1	80.1	80.1	93.8	128.1	146.4	373.0	867.2	514.8	164.7
85°	41.2	41.2	45.8	57.2	66.4	77.8	82.4	119.0	286.0	153.3	38.9
87.5°	22.9	25.2	27.5	34.3	43.5	52.6	57.2	82.4	109.8	105.3	9.2
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: P1047414

CATALOG NUMBER: GALN-SA2B-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2.5°	59.5	57.2	54.9	52.6	50.3	48.0	48.0	48.0	48.0	48.0	48.0
5°	57.2	54.9	52.6	48.0	43.5	41.2	38.9	36.6	36.6	36.6	36.6
7.5°	57.2	54.9	48.0	43.5	38.9	34.3	29.7	29.7	29.7	29.7	29.7
10°	57.2	52.6	45.8	38.9	32.0	27.5	25.2	22.9	22.9	22.9	22.9
12.5°	57.2	50.3	43.5	34.3	27.5	22.9	20.6	18.3	18.3	18.3	18.3
15°	57.2	50.3	41.2	32.0	25.2	18.3	16.0	13.7	13.7	13.7	13.7
17.5°	54.9	48.0	38.9	27.5	20.6	13.7	11.4	9.2	9.2	11.4	11.4
20°	52.6	45.8	34.3	22.9	16.0	11.4	6.9	6.9	6.9	6.9	6.9
22.5°	52.6	45.8	32.0	20.6	13.7	6.9	4.6	4.6	4.6	4.6	6.9
25°	52.6	43.5	27.5	16.0	9.2	4.6	2.3	2.3	2.3	2.3	2.3
27.5°	52.6	43.5	25.2	13.7	6.9	4.6	2.3	0.0	0.0	0.0	0.0
30°	50.3	41.2	22.9	11.4	4.6	2.3	0.0	0.0	0.0	0.0	0.0
32.5°	50.3	38.9	18.3	9.2	4.6	2.3	0.0	0.0	0.0	0.0	0.0
35°	52.6	36.6	16.0	6.9	2.3	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	54.9	34.3	13.7	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	57.2	32.0	13.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	61.8	32.0	11.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	66.4	32.0	9.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	75.5	34.3	9.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.4	36.6	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	91.5	34.3	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	103.0	34.3	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	112.1	32.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	116.7	29.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	139.6	27.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	217.4	22.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	441.6	20.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	823.7	18.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	922.1	20.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	581.2	16.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	306.6	16.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	153.3	16.0	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.9	11.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.7	6.9	4.6	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.7	6.9	4.6	4.6	2.3	2.3	0.0	0.0	0.0	0.0	0.0
87.5°	6.9	6.9	6.9	4.6	4.6	2.3	2.3	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

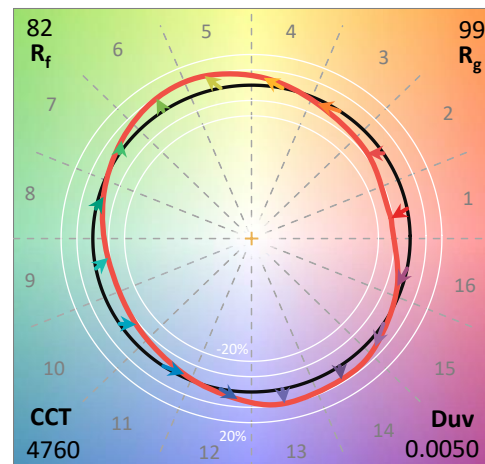
Test Information

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

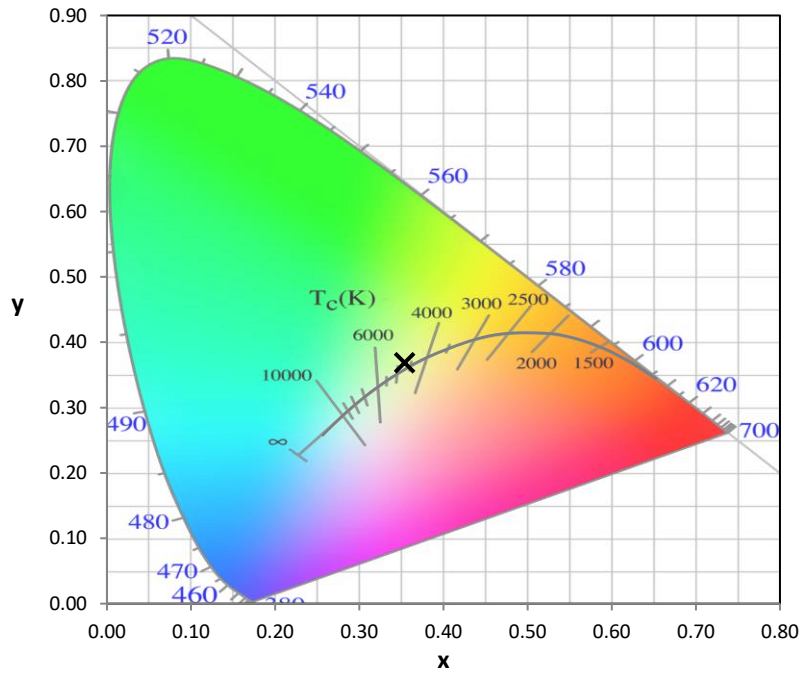
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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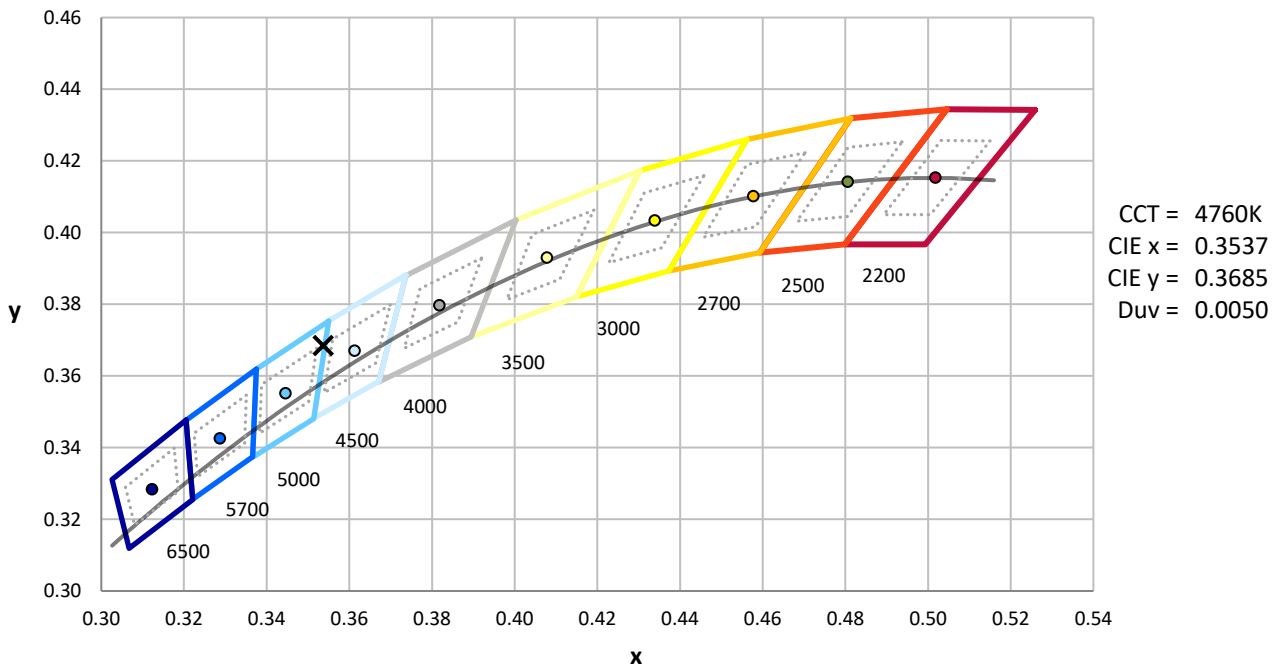
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



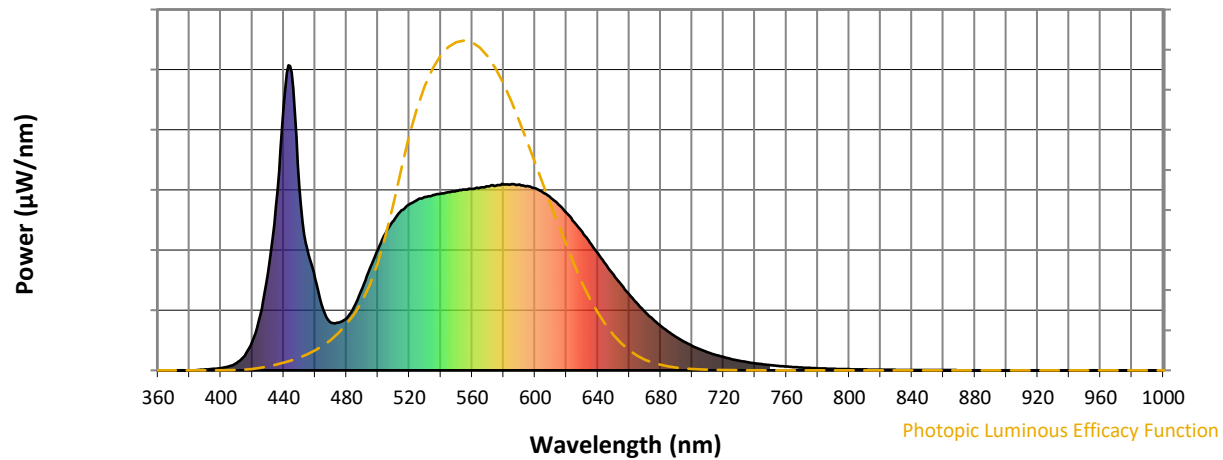
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

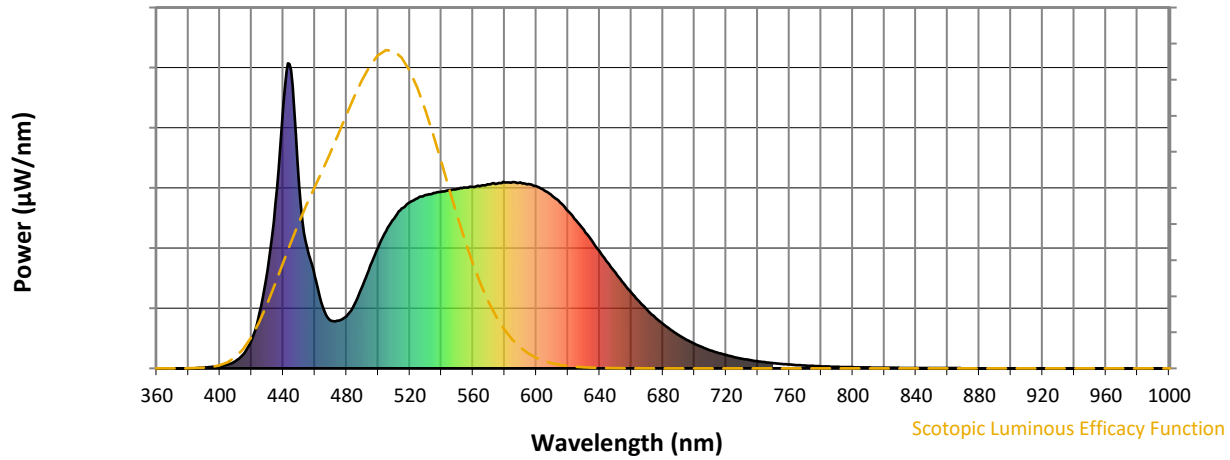


Photopic Lumens: NR

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



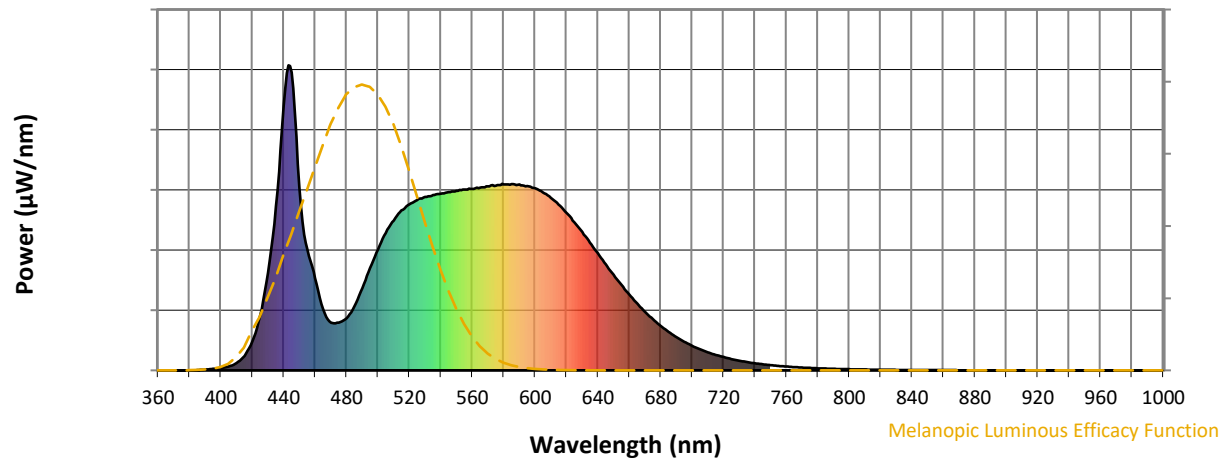
Scotopic Lumens: NR

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

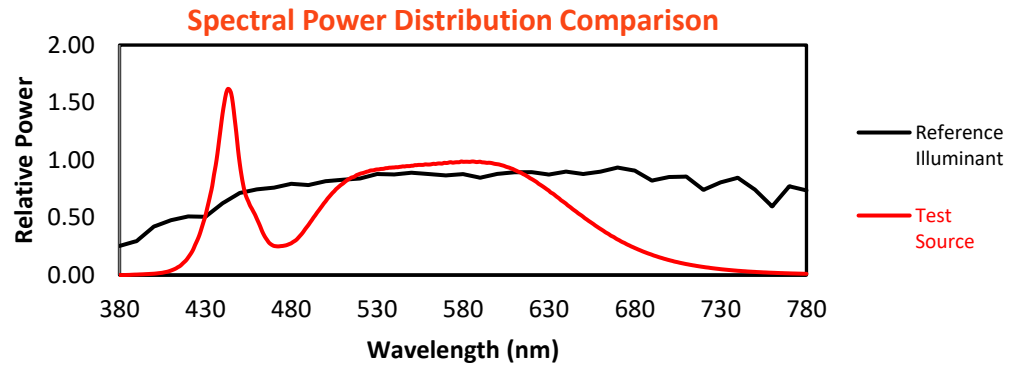
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630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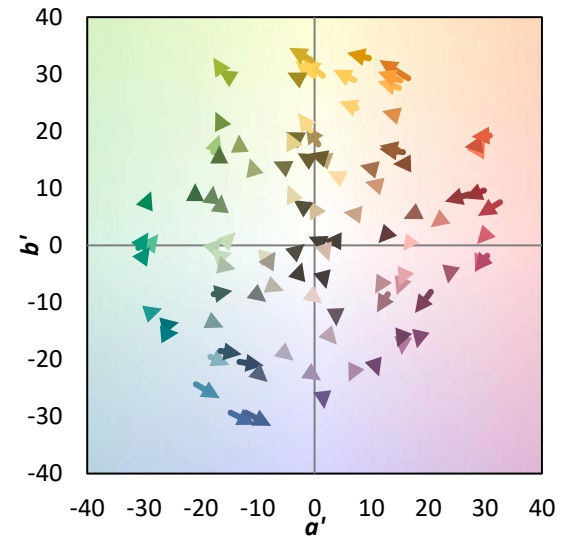
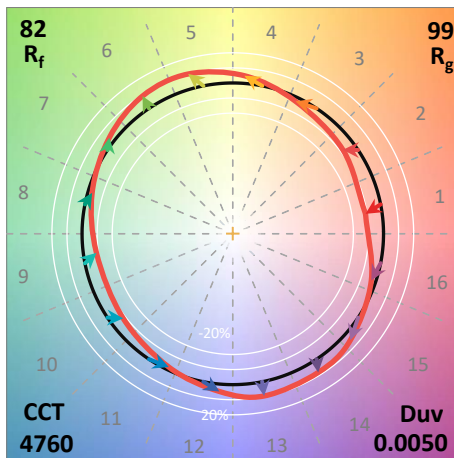
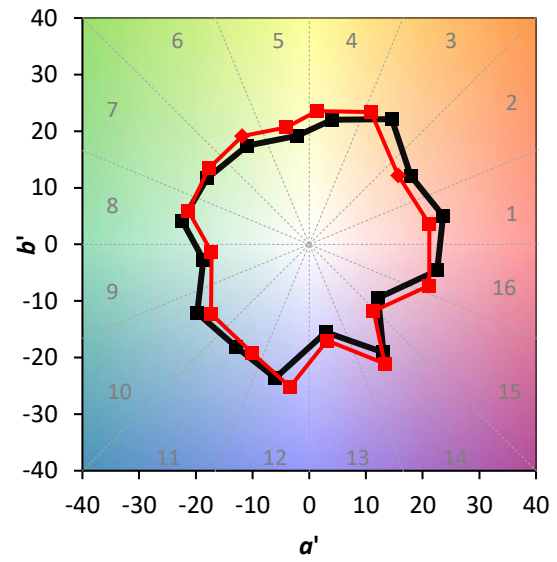
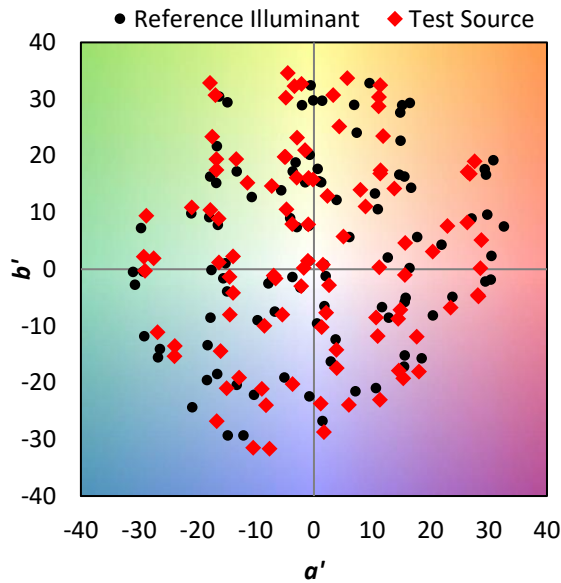
TM-30-18

Summary

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

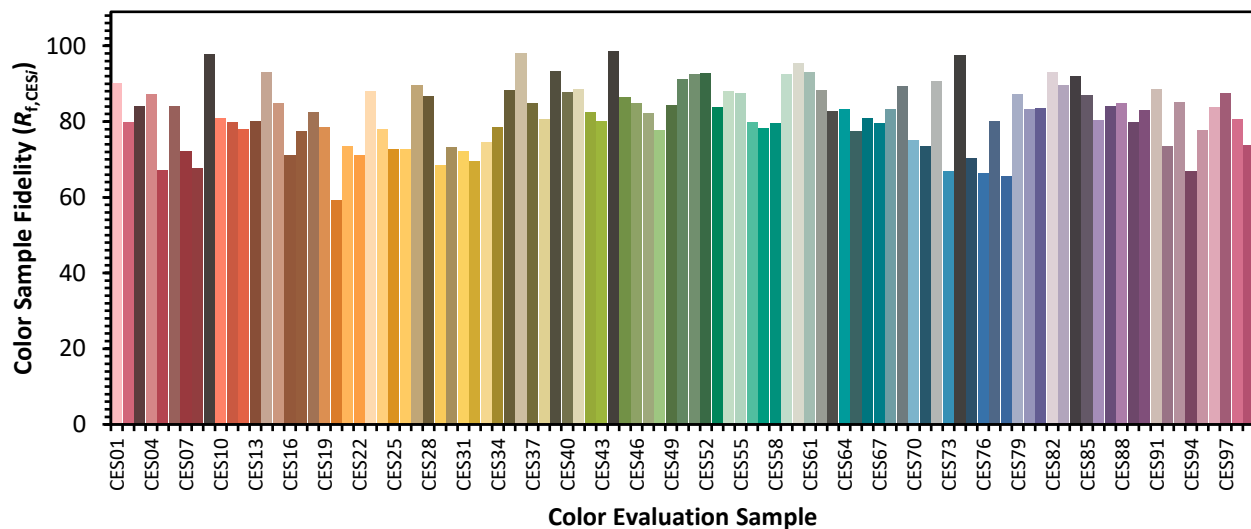


Color Vector Graphics

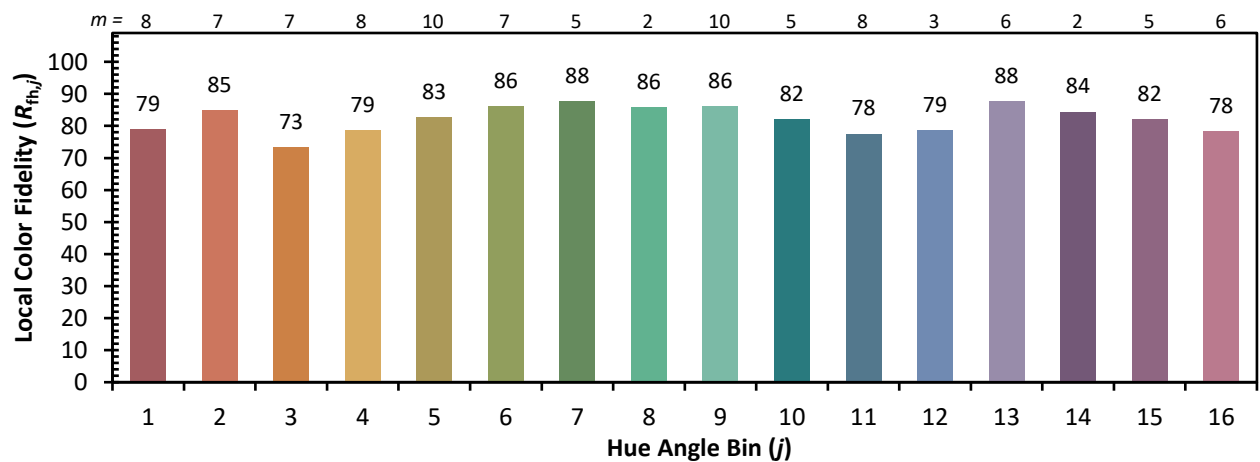
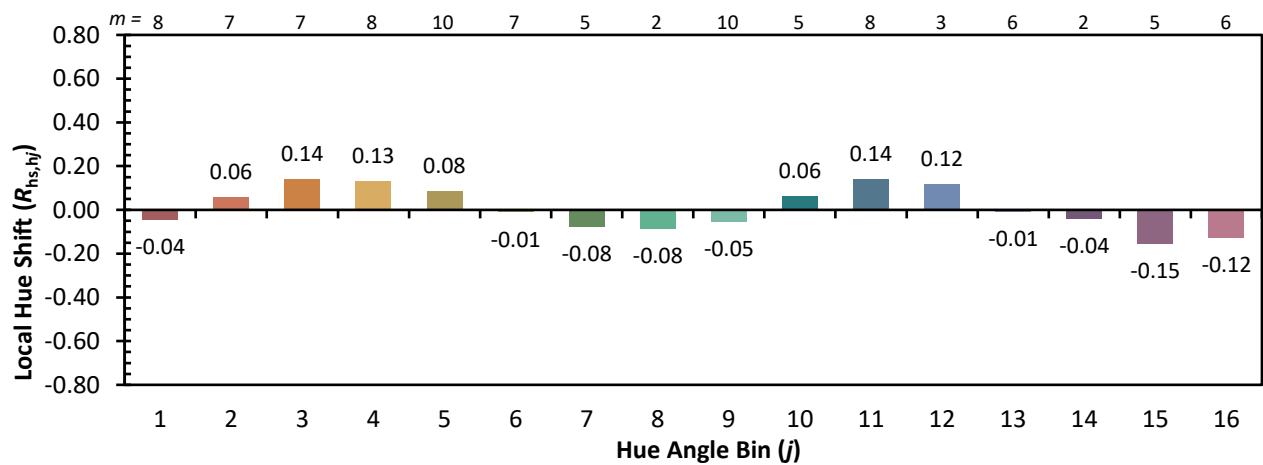
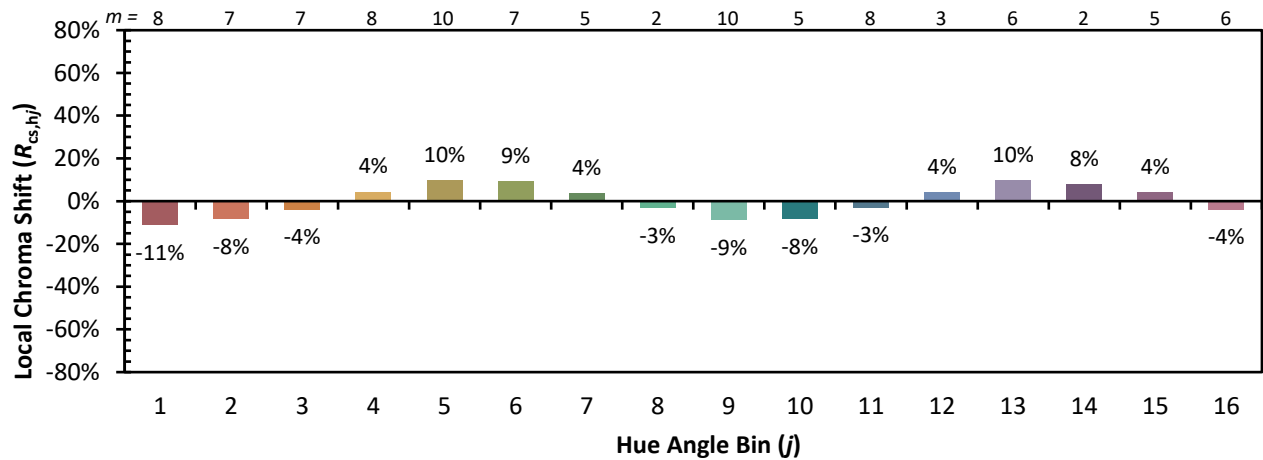


Individual Sample Fidelity Index ($R_{f,i}$)

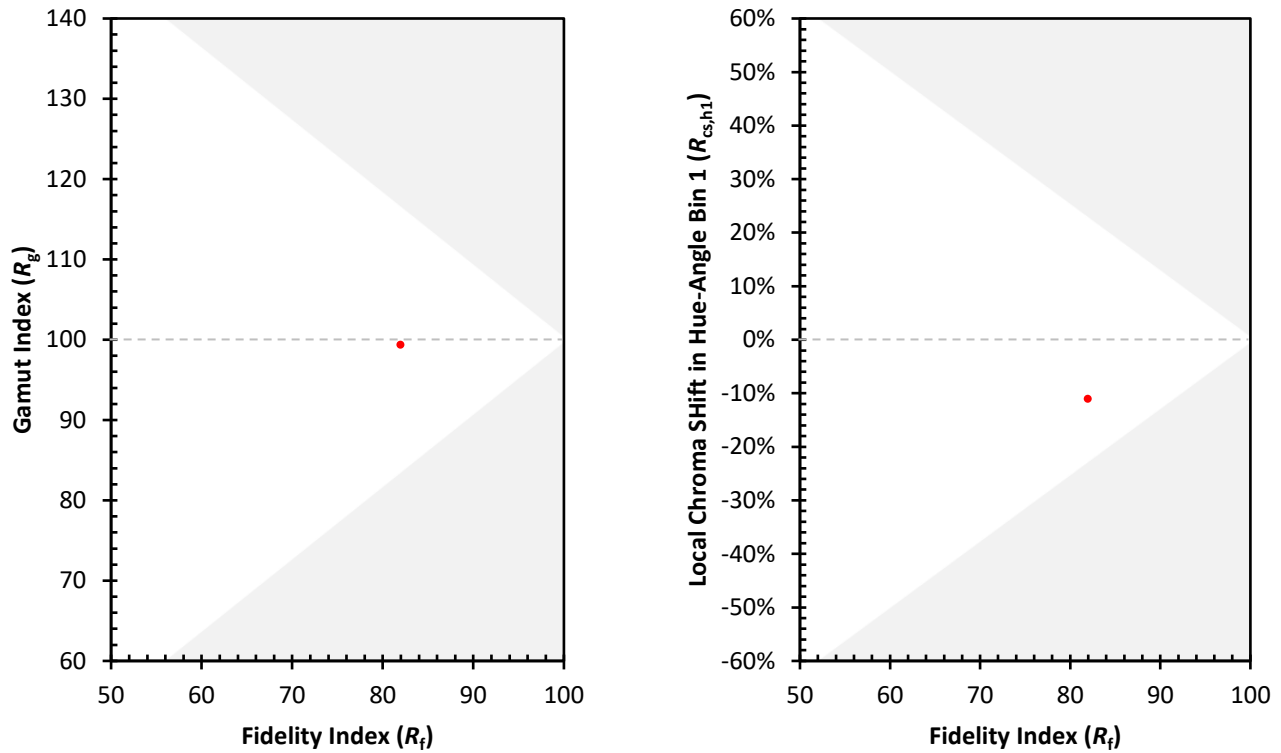
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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