

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: P1047231

Luminaire Tested: **GALN-SA1C-760-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047231
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-760-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5993 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

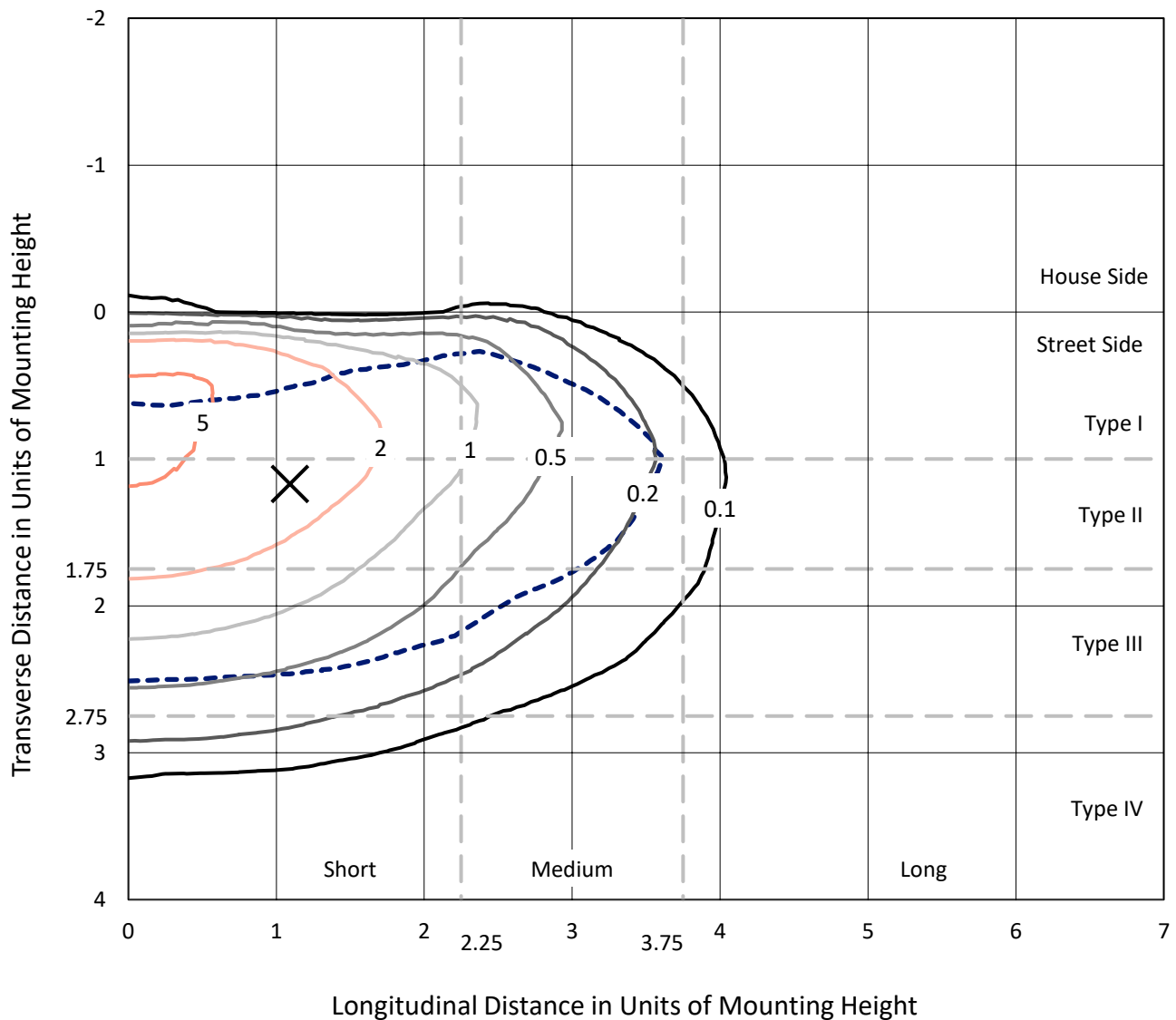


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

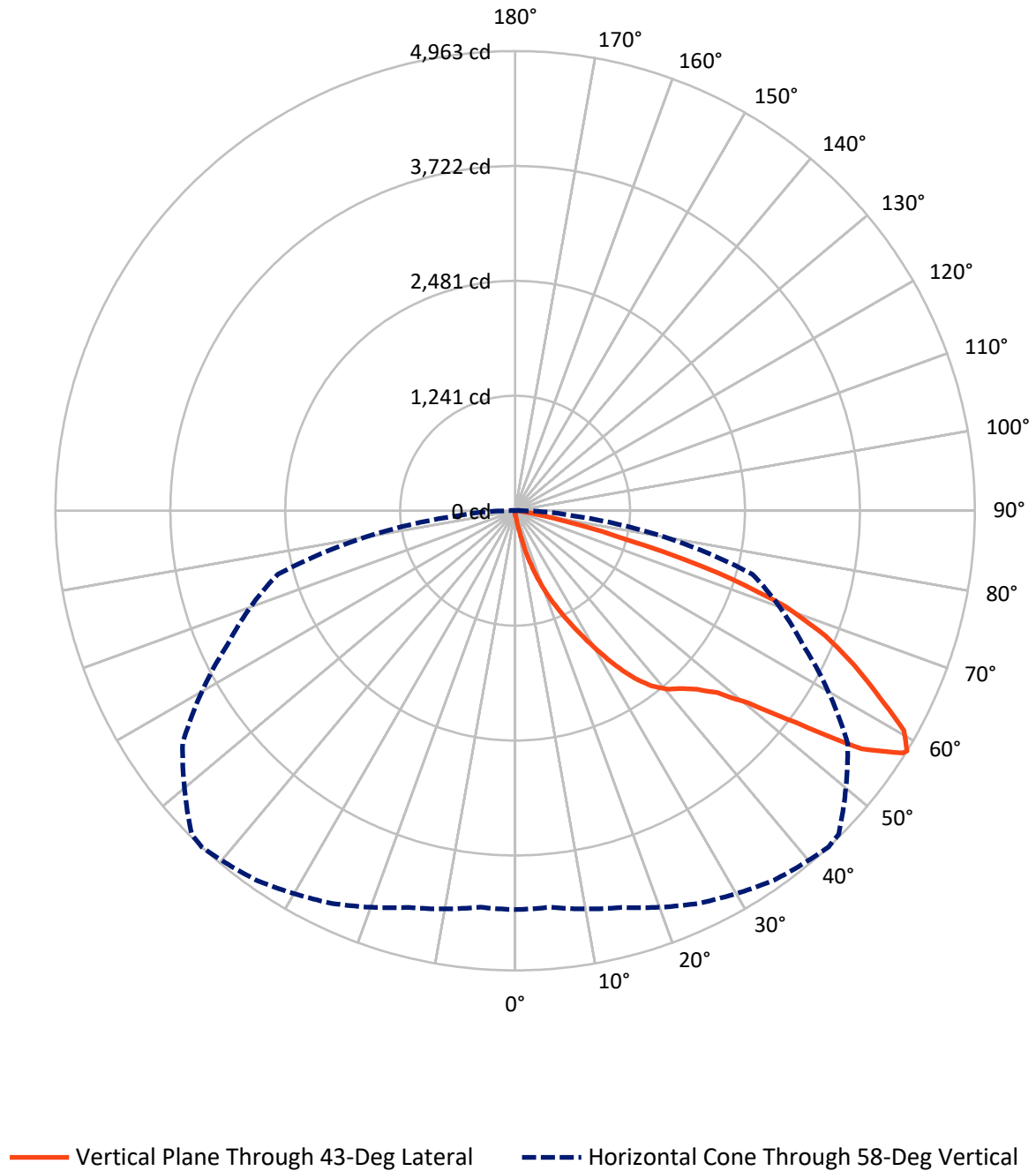


Based on 15 foot mounting height. Maximum calculated value = 6.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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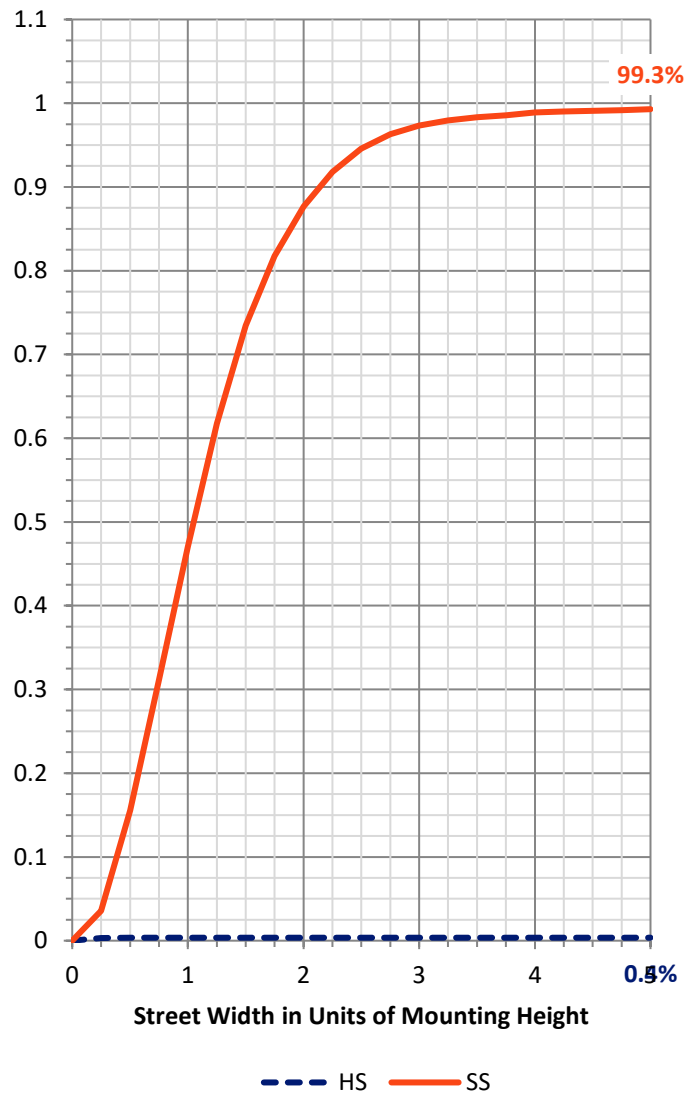
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.9	0.0	21.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5971.1	0.0	5971.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	5993.0	0.0	5993.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.1
10°-20°	68.9	1.1
20°-30°	248.3	4.1
30°-40°	568.1	9.5
40°-50°	958.2	16.0
50°-60°	1581.2	26.4
60°-70°	1767.2	29.5
70°-80°	729.7	12.2
80°-90°	65.8	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°	5993.0	100.0
0°-180°	5993.0	100.0



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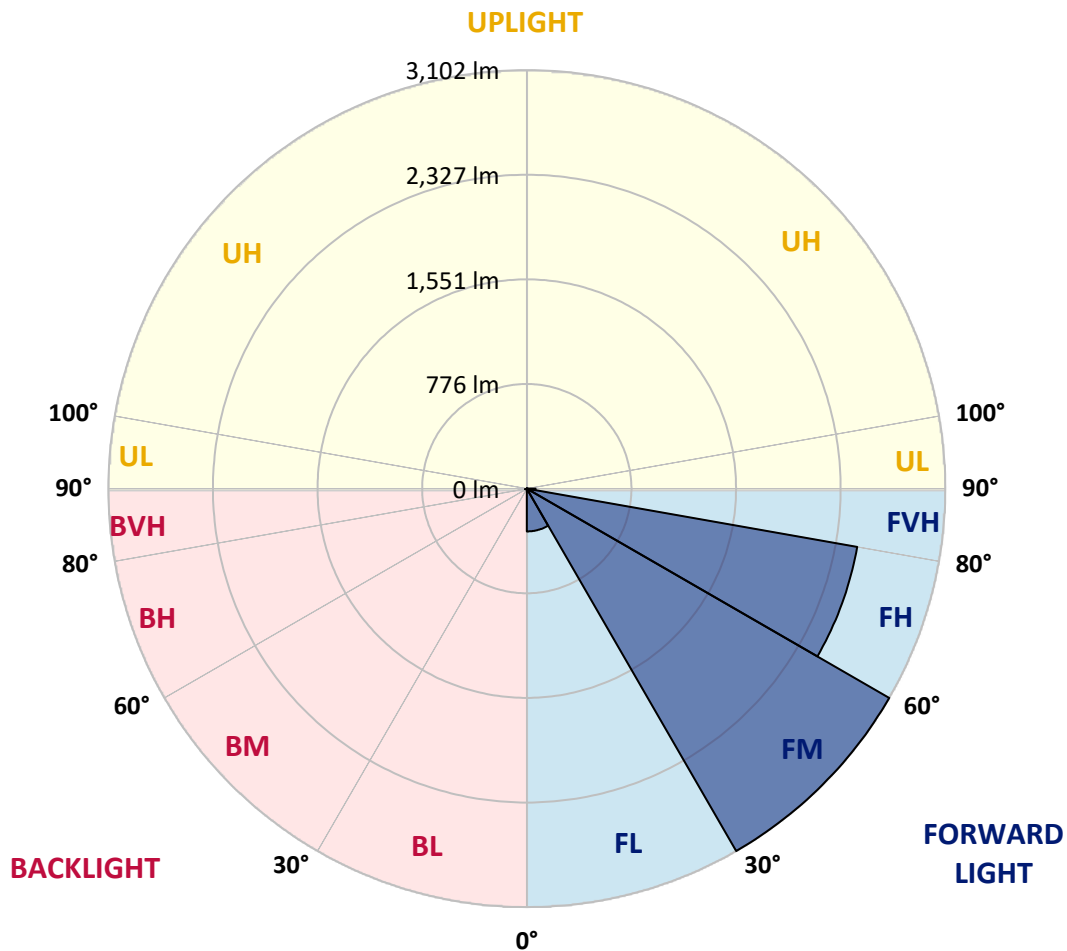
CATALOG NUMBER: GALN-SA1C-760-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	317.2	5.3			
FM	(30°-60°)	3102.2	51.8			
FH	(60°-80°)	2486.8	41.5			G2/5000
FVH	(80°-90°)	64.9	1.1			G1/100
BL	(0°-30°)	5.7	0.1	B0/110		
BM	(30°-60°)	5.2	0.1	B0/220		
BH	(60°-80°)	10.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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°	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
2.5°	47.0	48.6	47.0	47.0	47.0	45.5	45.5	43.9	43.9	42.3	40.8
5°	69.0	69.0	64.3	61.1	58.0	56.4	54.9	51.7	48.6	45.5	42.3
7.5°	153.6	153.6	139.5	120.7	95.6	81.5	78.4	64.3	54.9	48.6	42.3
10°	366.8	366.8	335.4	283.7	219.4	163.0	145.8	92.5	65.8	51.7	43.9
12.5°	609.7	617.6	578.4	512.5	416.9	318.2	283.7	169.3	87.8	56.4	43.9
15°	827.6	808.8	797.8	735.1	644.2	526.7	482.8	285.3	127.0	64.3	43.9
17.5°	974.9	974.9	959.3	916.9	833.9	730.4	694.4	460.8	205.3	73.7	45.5
20°	1147.4	1147.4	1119.1	1089.4	1015.7	927.9	893.4	655.2	318.2	94.0	45.5
22.5°	1355.8	1359.0	1327.6	1274.3	1203.8	1106.6	1076.8	835.4	460.8	125.4	47.0
25°	1609.7	1612.9	1567.4	1517.3	1409.1	1304.1	1258.6	1042.3	634.8	175.6	47.0
27.5°	1890.3	1912.3	1844.9	1758.6	1644.2	1512.6	1478.1	1228.9	807.2	247.7	50.2
30°	2239.8	2239.8	2150.5	2029.8	1906.0	1743.0	1699.1	1424.8	990.6	343.3	53.3
32.5°	2540.8	2517.3	2402.9	2275.9	2144.2	1992.2	1945.2	1630.1	1178.7	462.4	59.6
35°	2771.2	2750.8	2609.8	2473.4	2359.0	2219.5	2163.0	1852.7	1377.8	597.2	69.0
37.5°	2968.7	2960.9	2769.6	2598.8	2523.5	2401.3	2351.1	2062.7	1573.7	743.0	79.9
40°	3185.0	3159.9	2956.2	2744.6	2631.7	2533.0	2487.5	2232.0	1761.8	913.8	95.6
42.5°	3370.0	3340.2	3156.8	2949.9	2757.1	2623.9	2580.0	2374.6	1945.2	1084.7	116.0
45°	3575.3	3559.6	3374.7	3217.9	2960.9	2747.7	2689.7	2489.1	2112.9	1288.4	142.6
47.5°	3884.1	3855.9	3683.4	3554.9	3257.1	2935.8	2852.7	2606.6	2274.3	1489.1	183.4
50°	4243.0	4224.2	4122.3	4020.4	3724.2	3257.1	3158.4	2775.9	2454.6	1727.3	236.7
52.5°	4536.1	4533.0	4545.5	4547.1	4322.9	3797.9	3650.5	3048.6	2661.5	1962.4	311.9
55°	4529.8	4544.0	4681.9	4840.2	4857.4	4536.1	4393.5	3507.9	2931.1	2252.4	416.9
57.5°	4360.6	4349.6	4495.4	4733.6	4901.3	4935.8	4912.3	4221.1	3337.0	2601.9	578.4
58°	4305.7	4296.3	4434.2	4677.2	4870.0	4962.5	4938.9	4382.5	3428.0	2652.1	622.3
60°	4106.6	4108.2	4189.7	4410.7	4603.5	4823.0	4844.9	4843.3	3880.9	2987.5	843.3
62.5°	3843.3	3830.8	3906.0	4086.3	4255.5	4402.9	4440.5	4874.7	4544.0	3413.8	1264.9
65°	3479.7	3460.9	3540.8	3744.6	3926.4	4022.0	4023.6	4454.6	4855.9	3871.5	1866.8
67.5°	2804.1	2788.4	2948.3	3210.1	3490.6	3616.0	3672.5	3865.3	4592.5	4181.9	2211.6
70°	1717.9	1750.8	1973.4	2384.0	2863.7	3094.1	3178.7	3238.3	3910.7	4134.9	1849.6
72.5°	793.1	753.9	943.6	1230.4	1777.5	2290.0	2377.8	2611.3	3100.4	3589.4	1379.3
75°	369.9	355.8	399.7	537.6	805.7	1236.7	1396.6	2084.7	2377.8	2496.9	995.3
77.5°	189.7	191.2	227.3	244.5	332.3	572.1	656.7	1371.5	1743.0	1393.4	667.7
80°	83.1	86.2	87.8	95.6	134.8	221.0	249.2	636.4	1191.2	710.0	365.2
82.5°	53.3	54.9	54.9	54.9	64.3	87.8	100.3	255.5	594.1	352.7	112.9
85°	28.2	28.2	31.3	39.2	45.5	53.3	56.4	81.5	195.9	105.0	26.6
87.5°	15.7	17.2	18.8	23.5	29.8	36.1	39.2	56.4	75.2	72.1	6.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
2.5°	40.8	39.2	37.6	36.1	34.5	32.9	32.9	32.9	32.9	32.9	32.9
5°	39.2	37.6	36.1	32.9	29.8	28.2	26.6	25.1	25.1	25.1	25.1
7.5°	39.2	37.6	32.9	29.8	26.6	23.5	20.4	20.4	20.4	20.4	20.4
10°	39.2	36.1	31.3	26.6	21.9	18.8	17.2	15.7	15.7	15.7	15.7
12.5°	39.2	34.5	29.8	23.5	18.8	15.7	14.1	12.5	12.5	12.5	12.5
15°	39.2	34.5	28.2	21.9	17.2	12.5	11.0	9.4	9.4	9.4	9.4
17.5°	37.6	32.9	26.6	18.8	14.1	9.4	7.8	6.3	6.3	7.8	7.8
20°	36.1	31.3	23.5	15.7	11.0	7.8	4.7	4.7	4.7	4.7	4.7
22.5°	36.1	31.3	21.9	14.1	9.4	4.7	3.1	3.1	3.1	3.1	4.7
25°	36.1	29.8	18.8	11.0	6.3	3.1	1.6	1.6	1.6	1.6	1.6
27.5°	36.1	29.8	17.2	9.4	4.7	3.1	1.6	0.0	0.0	0.0	0.0
30°	34.5	28.2	15.7	7.8	3.1	1.6	0.0	0.0	0.0	0.0	0.0
32.5°	34.5	26.6	12.5	6.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0
35°	36.1	25.1	11.0	4.7	1.6	0.0	0.0	0.0	0.0	0.0	1.6
37.5°	37.6	23.5	9.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	39.2	21.9	9.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	42.3	21.9	7.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	45.5	21.9	6.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	51.7	23.5	6.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	56.4	25.1	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	62.7	23.5	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	70.5	23.5	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	76.8	21.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	79.9	20.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	95.6	18.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	148.9	15.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	302.5	14.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	564.3	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	631.7	14.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	398.1	11.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	210.0	11.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	105.0	11.0	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	48.6	7.8	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.4	4.7	3.1	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.4	4.7	3.1	3.1	1.6	1.6	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.7	4.7	3.1	3.1	1.6	1.6	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-760-U-5WQ

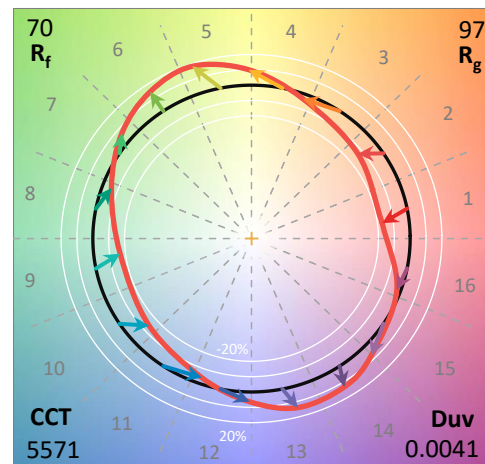
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-70-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

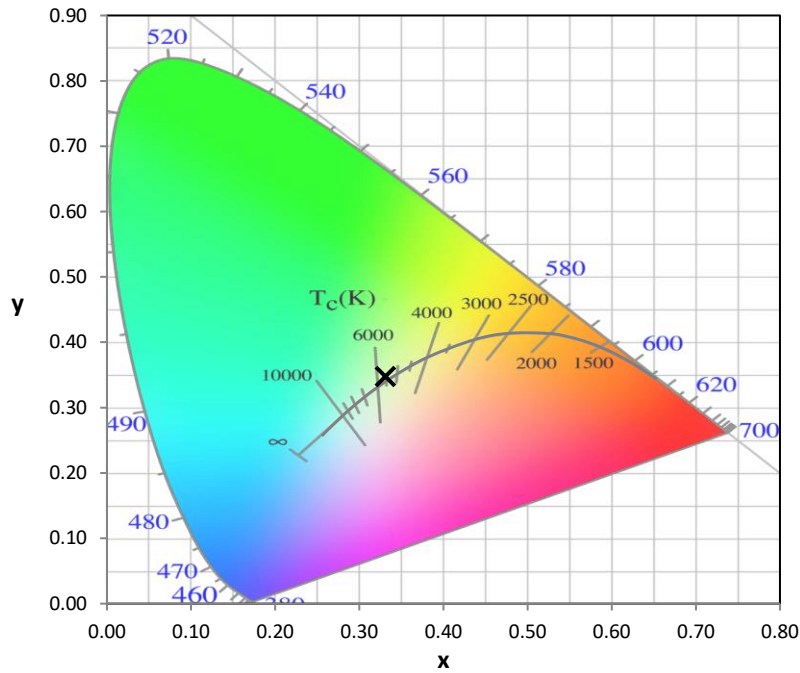
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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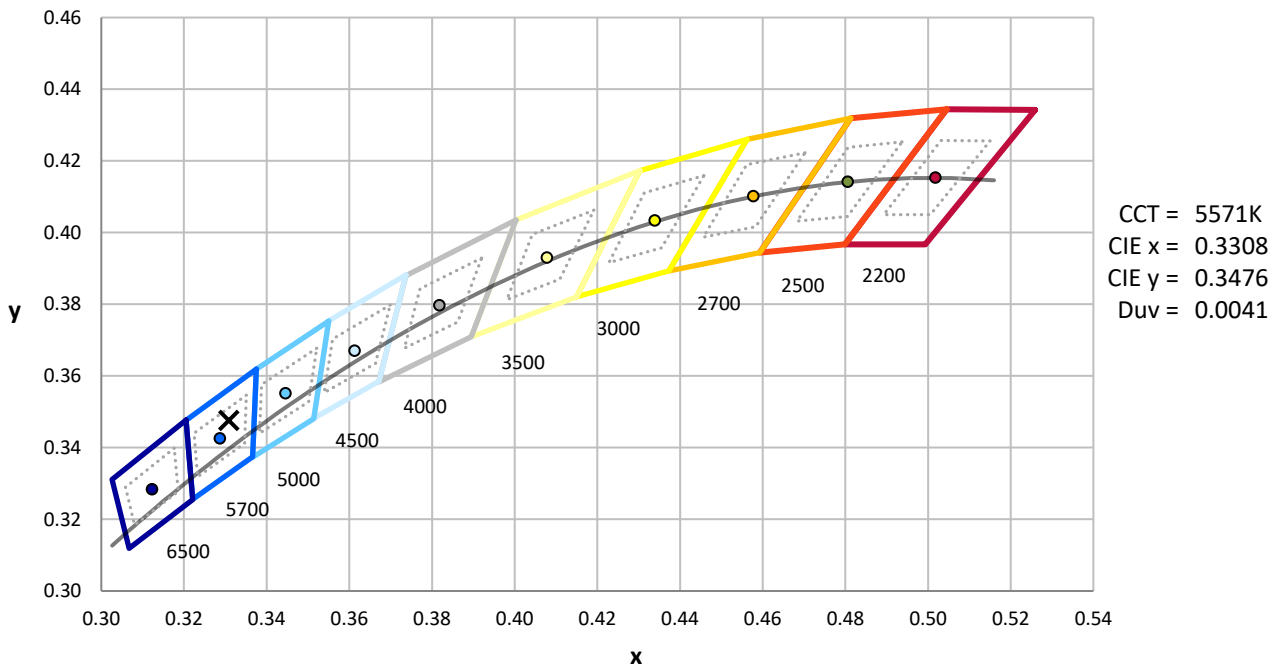
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



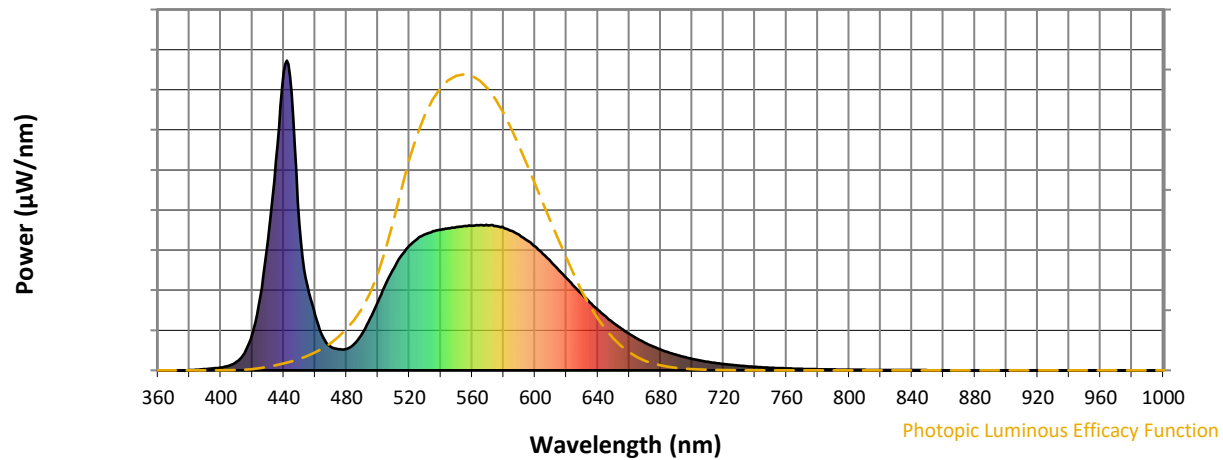
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

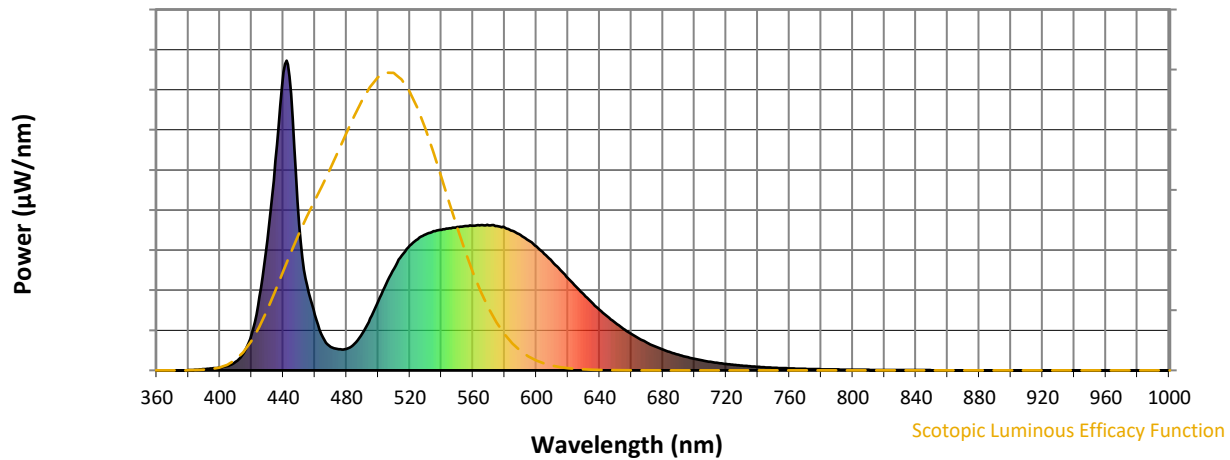


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



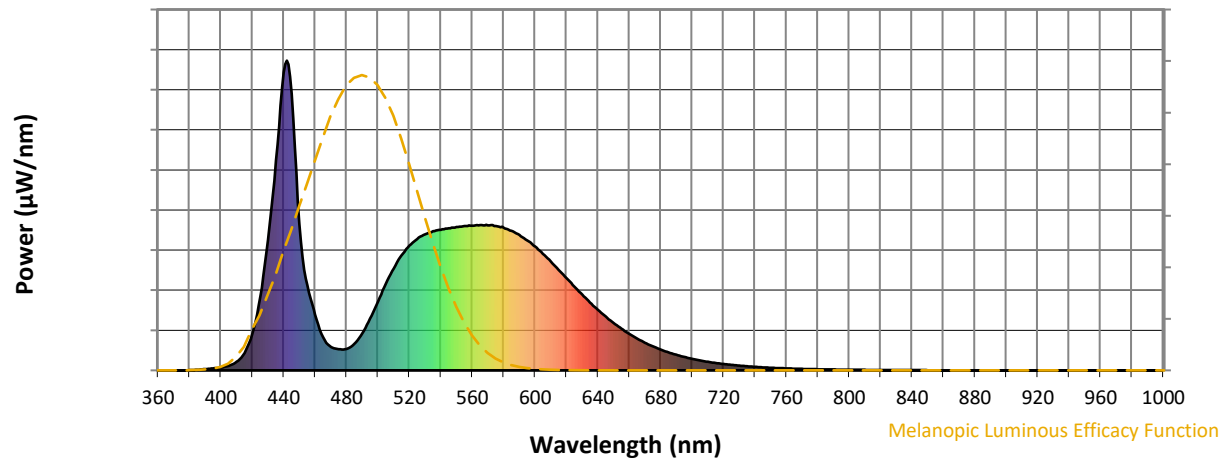
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.71

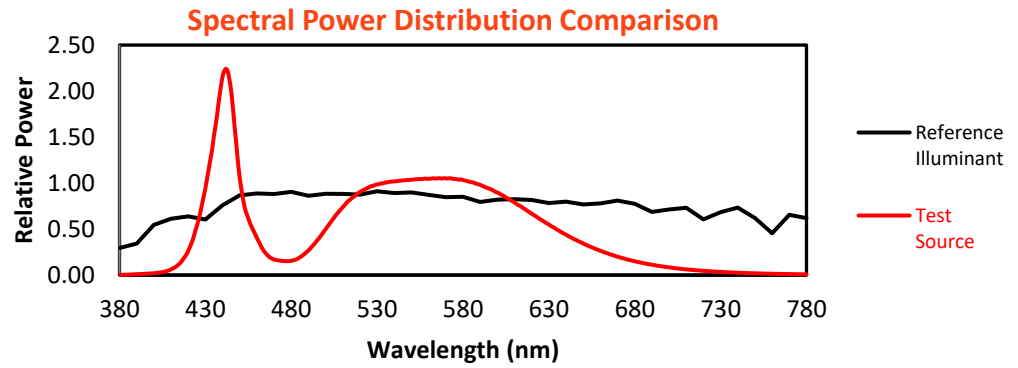
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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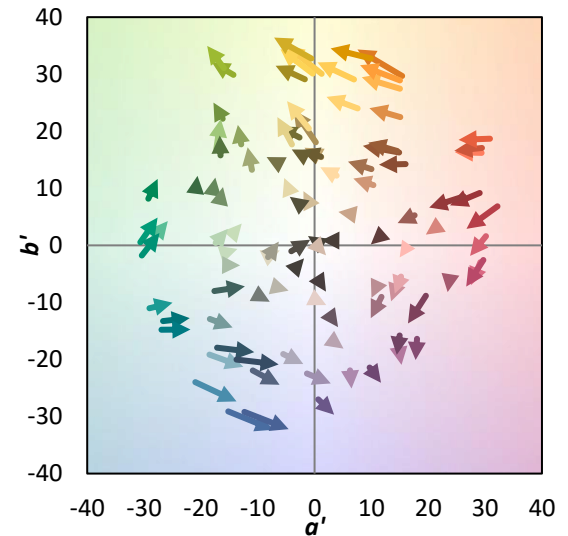
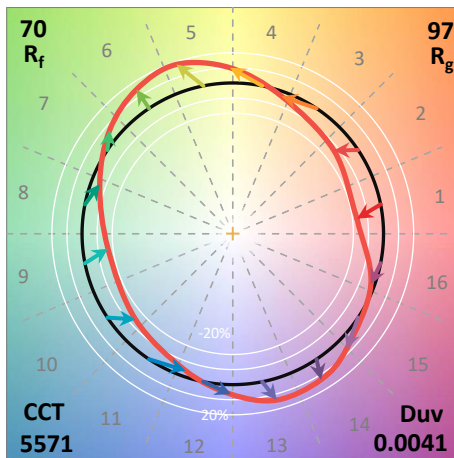
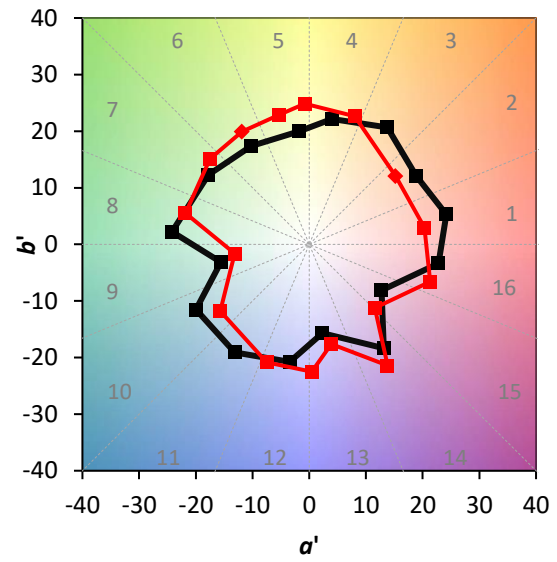
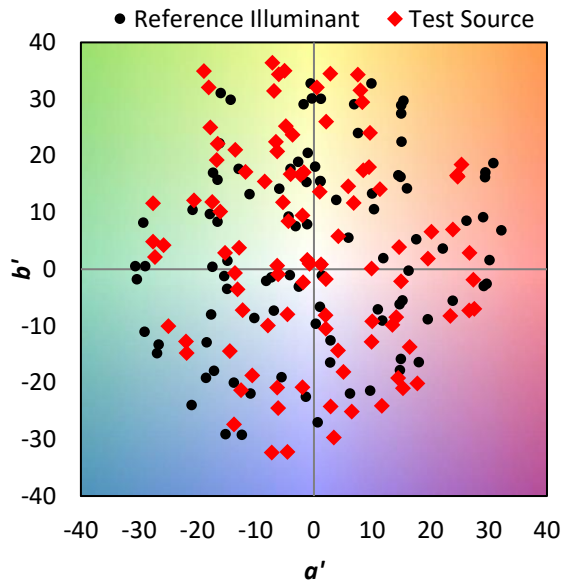
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

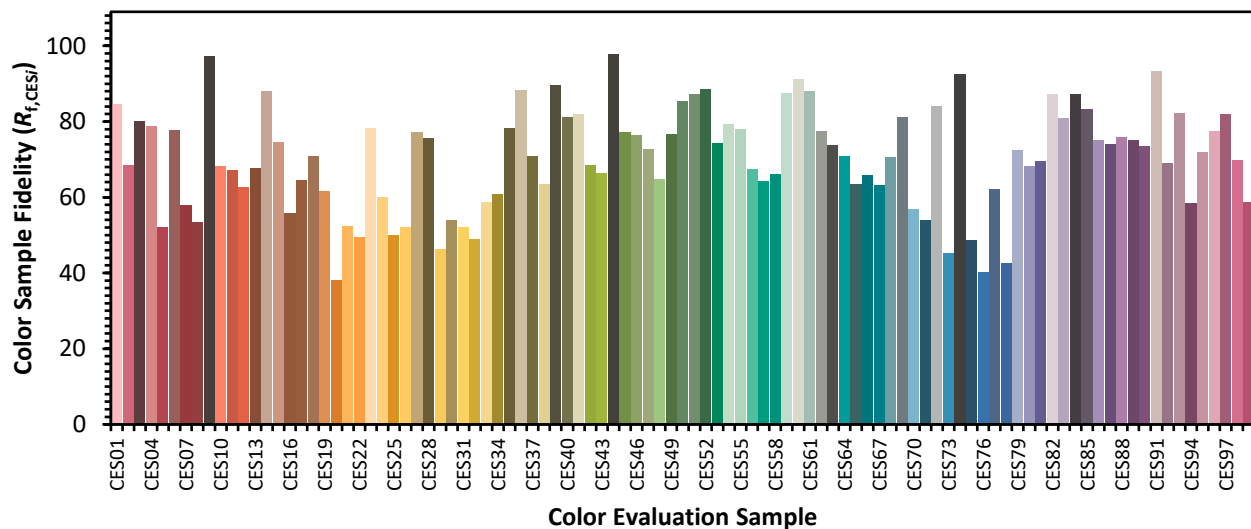


Color Vector Graphics

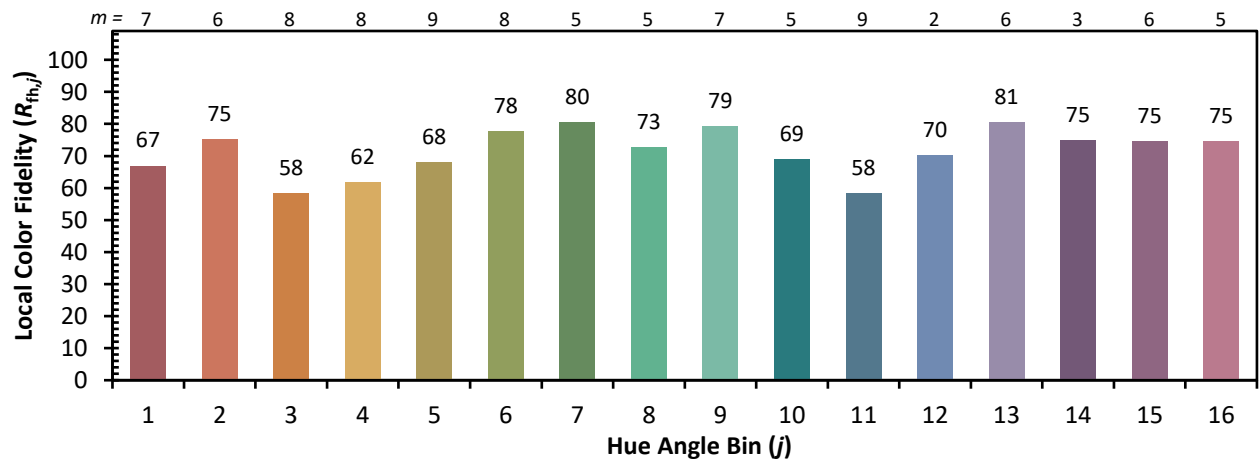
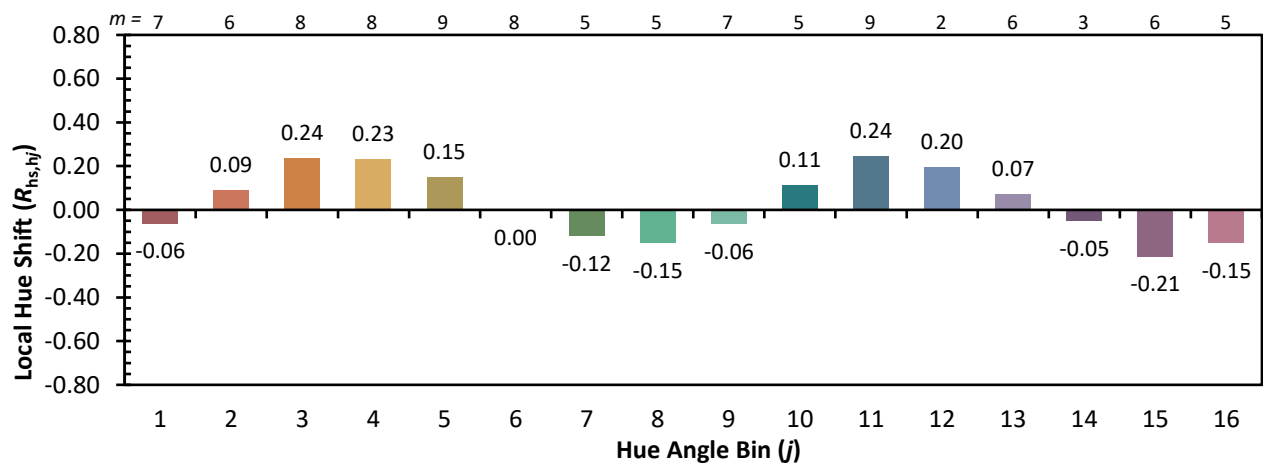
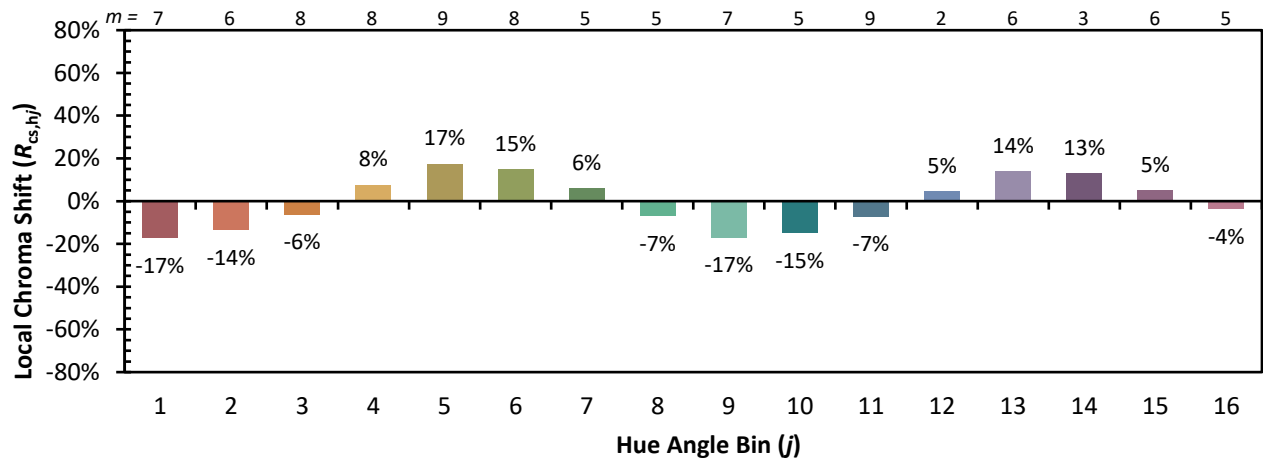


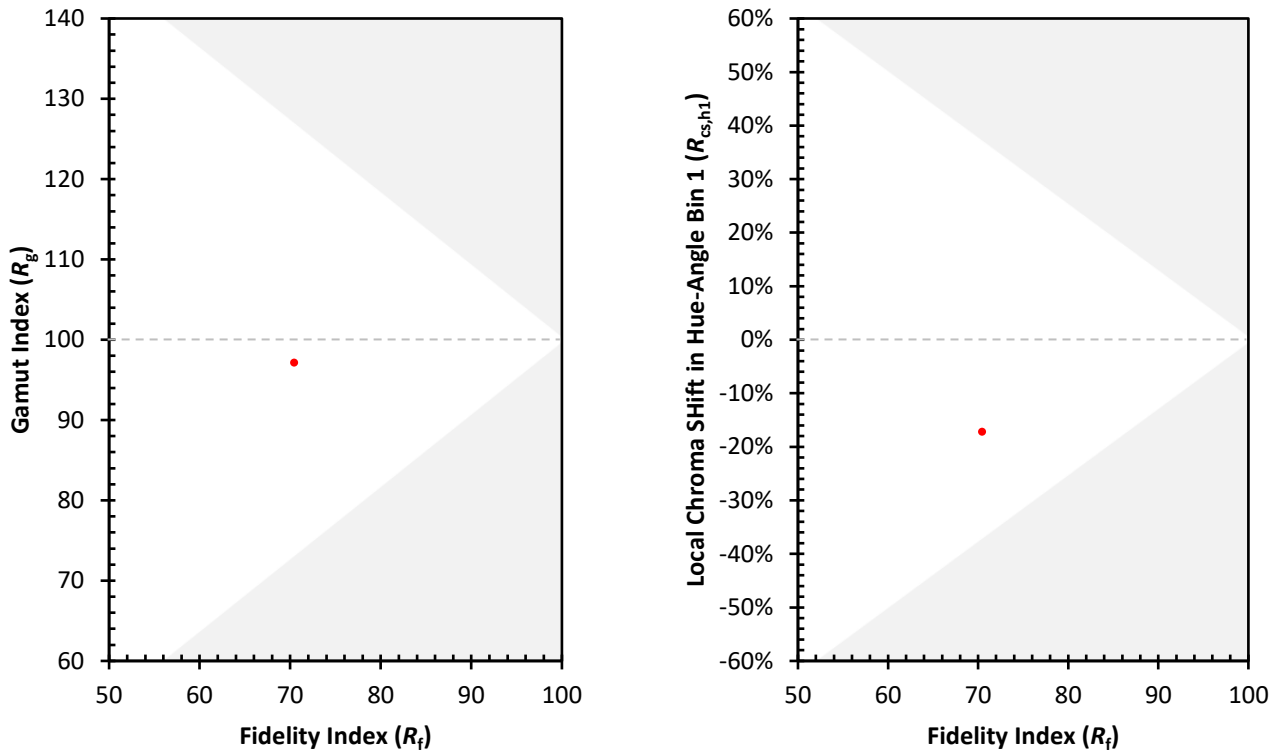
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)