

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: P1048457

Luminaire Tested: **GALN-SA2A-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048457
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7451.8 lumens
Efficiency: N/A
Efficacy: 133.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 55.8
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

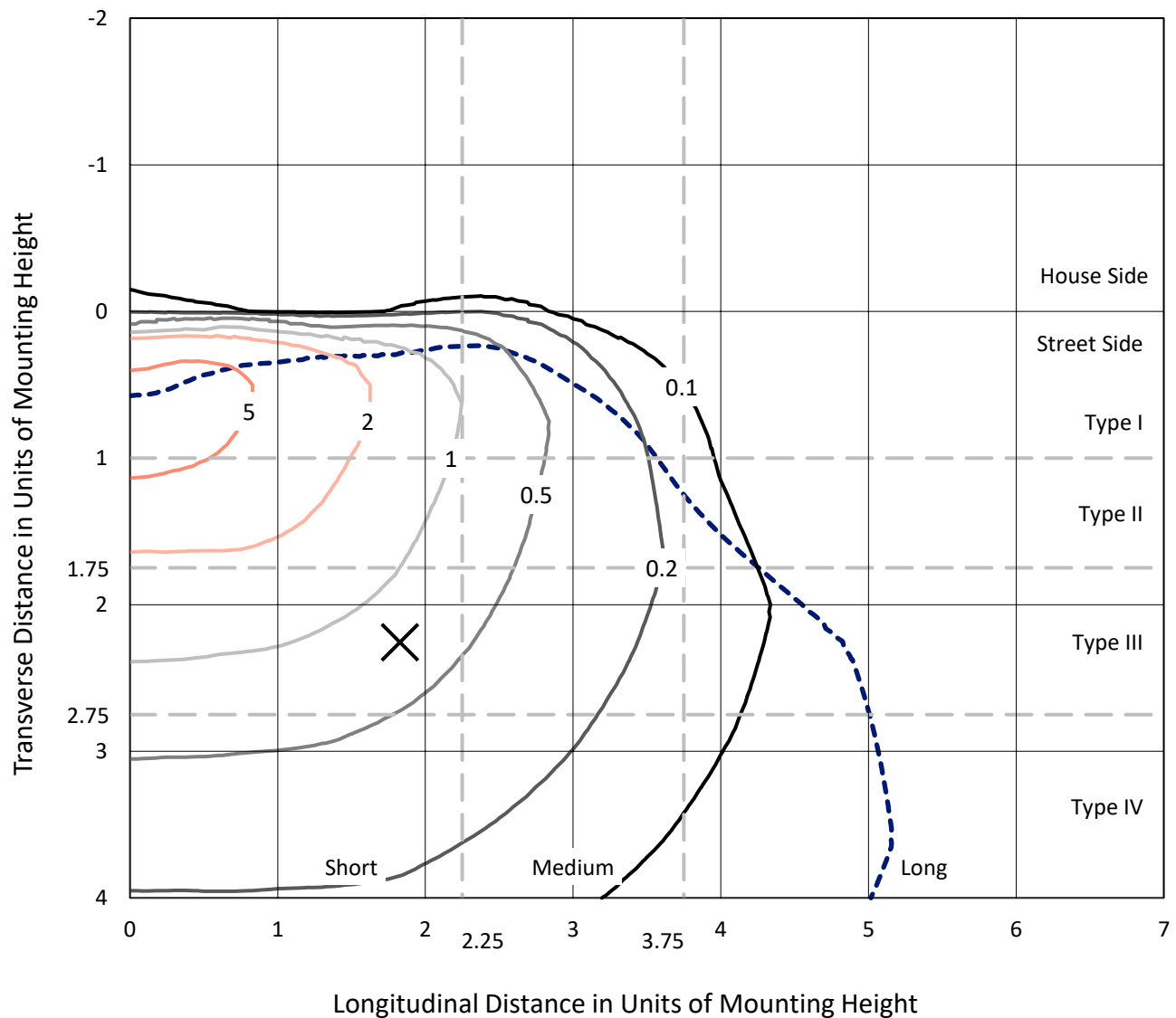


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

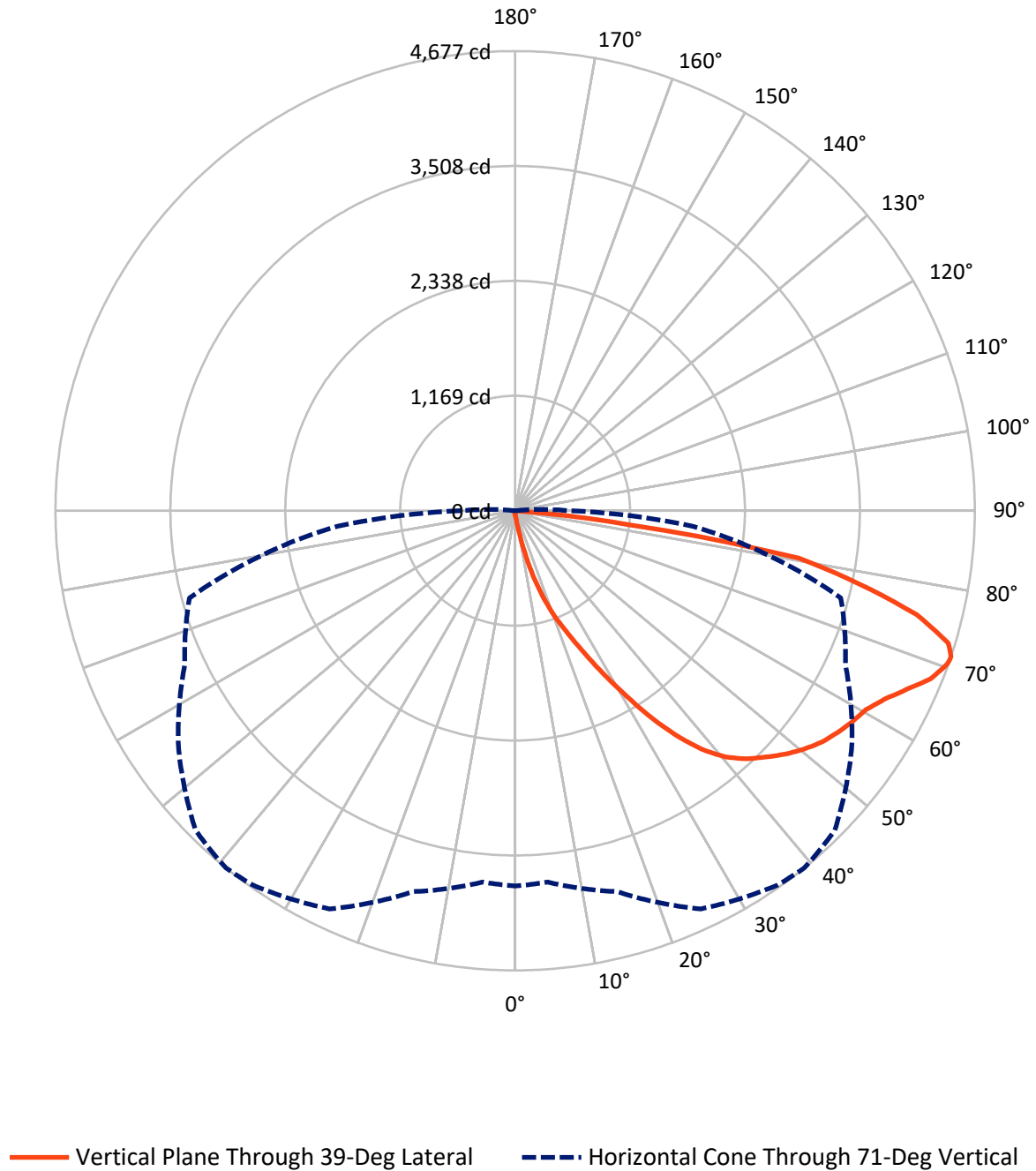


Based on 15 foot mounting height. Maximum calculated value = 7.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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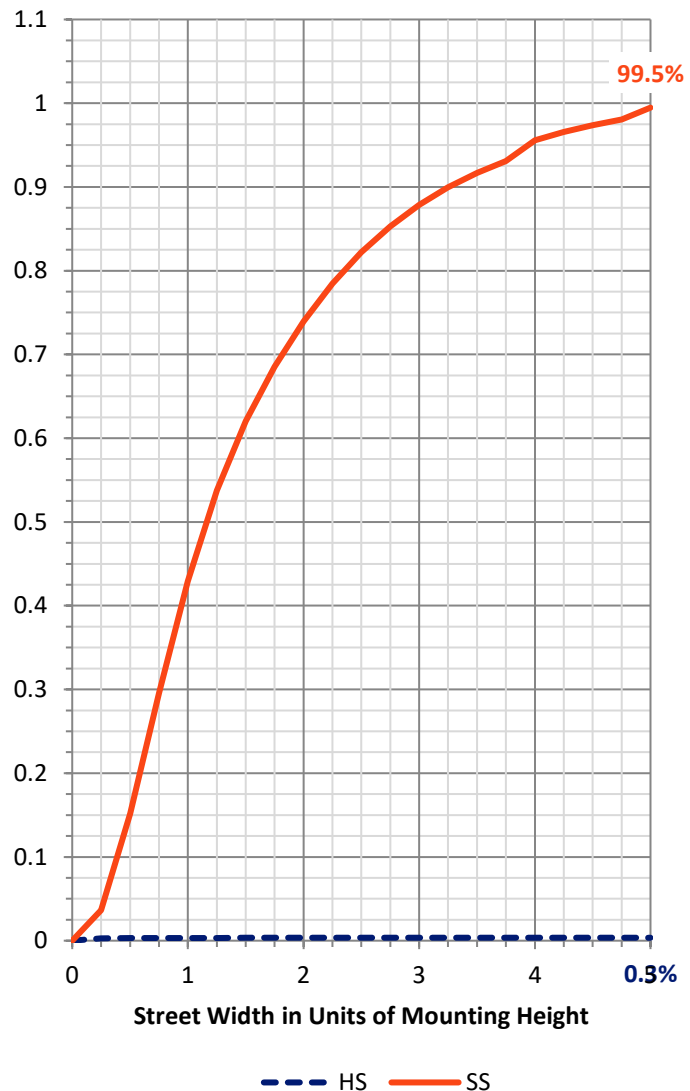
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.5	0.0	26.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7425.4	0.0	7425.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	7451.8	0.0	7451.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	79.6	1.1
20°-30°	283.6	3.8
30°-40°	683.6	9.2
40°-50°	1144.0	15.4
50°-60°	1469.4	19.7
60°-70°	1859.5	25.0
70°-80°	1657.8	22.2
80°-90°	268.0	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°	7451.8	100.0
0°-180°	7451.8	100.0



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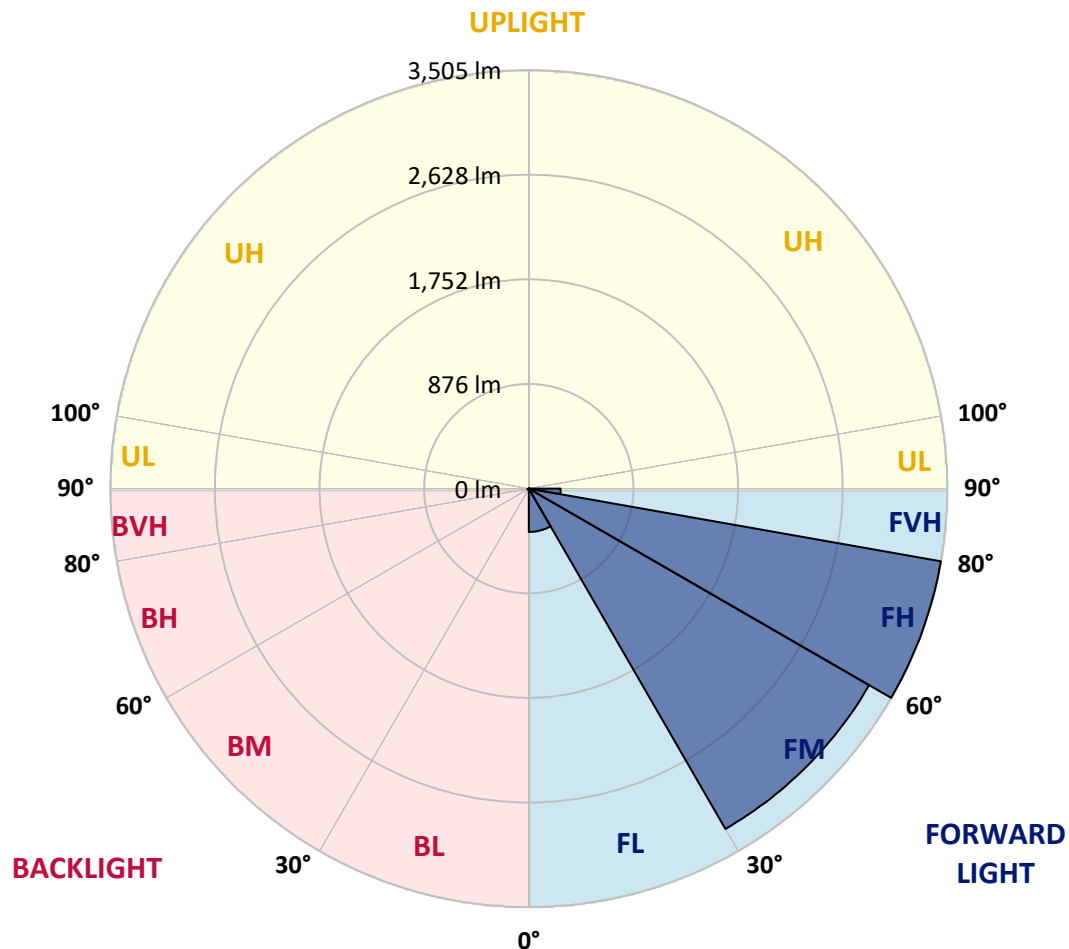
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	363.1	4.9			
FM	(30°-60°)	3290.9	44.2			
FH	(60°-80°)	3504.6	47.0			G2/5000
FVH	(80°-90°)	266.8	3.6			G3/500
BL	(0°-30°)	6.4	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	12.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	46.9	46.9	46.9	45.4	45.4	44.9	44.4	44.4	43.4	42.9	41.9
5°	71.1	69.6	66.1	64.1	60.0	57.5	55.0	51.5	47.9	45.4	42.4
7.5°	160.9	164.5	152.8	131.2	109.0	99.4	83.2	67.1	55.5	47.9	42.9
10°	410.1	408.1	368.8	325.4	251.2	221.5	173.5	109.5	71.6	52.5	43.4
12.5°	697.7	695.6	649.2	590.2	492.3	430.3	339.5	204.3	102.9	59.5	43.4
15°	939.3	931.2	916.6	858.1	743.6	691.6	571.5	361.2	166.5	71.6	44.4
17.5°	1099.2	1092.1	1078.5	1057.3	984.7	923.1	826.8	567.5	269.4	92.8	46.4
20°	1246.0	1240.9	1229.9	1225.8	1178.9	1146.1	1066.4	804.6	419.7	126.1	49.4
22.5°	1447.8	1437.2	1441.7	1417.5	1371.6	1332.3	1283.3	1052.8	603.3	181.6	55.0
25°	1695.0	1689.9	1677.3	1660.1	1596.6	1562.3	1487.1	1286.9	808.6	254.2	61.0
27.5°	1993.6	1988.0	1985.0	1945.7	1872.5	1835.2	1730.3	1507.8	1039.7	356.1	69.1
30°	2337.6	2340.1	2320.5	2270.0	2184.8	2132.3	2024.4	1739.3	1276.3	475.7	77.7
32.5°	2693.8	2688.7	2658.5	2598.9	2522.8	2473.8	2336.6	1993.1	1524.5	633.6	87.8
35°	3077.7	3068.1	2988.4	2920.3	2855.2	2793.6	2668.5	2287.7	1772.6	810.7	101.4
37.5°	3465.1	3420.2	3260.3	3174.0	3129.1	3078.7	2962.1	2602.0	2019.3	1008.4	118.0
40°	3757.7	3722.8	3533.2	3374.3	3338.5	3295.6	3208.8	2873.4	2281.6	1220.8	138.2
42.5°	3919.6	3900.4	3729.9	3573.0	3488.8	3450.9	3376.8	3110.4	2540.9	1455.3	167.5
45°	3988.7	3958.9	3844.9	3771.8	3637.6	3575.0	3486.8	3289.5	2811.8	1721.7	208.3
47.5°	3967.5	3950.4	3868.6	3895.4	3798.0	3700.7	3571.0	3426.7	3043.4	2027.4	264.3
50°	3834.3	3819.7	3794.5	3939.3	3927.2	3812.1	3680.0	3535.2	3232.5	2342.7	351.1
52.5°	3581.1	3575.0	3639.6	3905.0	4000.3	3910.5	3784.9	3631.0	3409.1	2672.1	475.2
55°	3254.7	3279.4	3464.1	3851.5	4037.6	3983.1	3877.7	3720.8	3550.8	2966.7	658.3
57.5°	3120.5	3127.1	3357.6	3813.6	4054.3	4047.2	3968.0	3806.6	3681.0	3202.3	937.8
60°	3277.4	3267.3	3388.9	3842.4	4087.6	4104.7	4048.2	3886.3	3794.0	3404.5	1310.1
62.5°	3560.9	3555.4	3594.2	3965.0	4184.9	4219.7	4159.7	3943.8	3893.9	3537.7	1734.8
65°	3814.2	3802.6	3874.7	4182.4	4355.9	4380.7	4328.2	4042.2	3937.7	3634.6	2133.8
67.5°	3923.6	3921.1	4037.1	4389.2	4535.5	4562.3	4516.3	4177.9	3927.7	3665.3	2309.9
70°	3873.7	3864.1	4049.7	4477.0	4636.9	4667.2	4622.8	4228.3	3818.2	3568.0	2049.1
71°	3818.7	3793.0	4011.9	4470.9	4651.0	4676.8	4599.1	4182.4	3708.2	3429.8	1812.5
72.5°	3648.2	3652.7	3908.0	4407.9	4617.2	4609.7	4464.9	4018.0	3575.5	3116.0	1455.8
75°	3228.5	3255.2	3571.5	4143.1	4315.6	4219.2	3997.8	3703.7	3309.2	2234.2	1010.9
77.5°	2638.3	2678.1	3025.7	3633.6	3584.6	3575.0	3566.0	3263.3	2825.9	1200.1	703.2
80°	1259.6	1345.9	1825.1	2593.9	2817.9	2926.3	2858.2	2629.7	2185.3	571.5	420.2
82.5°	82.2	81.2	115.0	217.9	918.6	1187.5	1886.6	1879.6	1523.4	278.5	171.5
85°	38.8	39.9	43.9	49.9	58.0	63.6	87.8	514.5	728.9	132.7	37.3
87.5°	22.7	23.2	27.2	34.8	45.4	50.4	60.0	77.2	94.8	73.1	8.1
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°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2.5°	41.4	40.9	39.3	37.8	36.3	35.3	34.8	35.3	35.3	35.8	35.8
5°	41.4	39.9	37.3	34.3	32.3	30.3	29.3	28.8	29.3	29.3	29.3
7.5°	40.9	38.3	34.8	31.3	28.8	26.2	25.2	24.7	24.7	25.2	25.2
10°	39.9	37.3	32.8	28.8	25.7	22.7	21.2	19.7	19.7	19.7	20.2
12.5°	39.3	35.8	30.3	26.2	22.2	18.7	15.6	14.1	14.6	14.6	14.6
15°	38.3	34.3	28.8	23.7	18.7	14.1	11.6	10.1	10.6	11.1	10.6
17.5°	38.3	33.8	26.7	20.7	14.6	10.6	8.6	7.6	7.6	8.1	8.1
20°	38.3	32.8	25.2	17.7	11.1	8.1	6.1	5.5	5.5	6.6	7.1
22.5°	39.3	32.8	23.2	14.6	9.1	6.1	4.5	4.0	4.5	5.5	6.1
25°	40.9	32.3	21.2	13.1	7.6	4.5	3.5	2.5	3.0	4.0	4.5
27.5°	42.4	31.8	19.2	11.6	6.1	3.5	2.5	2.0	1.5	2.0	2.0
30°	43.9	31.8	17.2	9.6	5.0	2.5	1.5	1.0	0.5	0.0	0.0
32.5°	44.9	30.8	15.6	7.6	4.0	2.0	1.0	0.5	0.0	0.0	0.0
35°	45.9	29.8	13.6	6.1	3.0	1.5	0.5	0.0	0.0	0.0	0.0
37.5°	46.9	28.2	11.6	5.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
40°	47.9	26.2	9.6	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	48.9	24.7	8.1	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	51.5	23.7	6.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	56.0	22.7	6.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	62.6	21.7	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	71.6	21.2	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	87.8	20.7	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	115.5	20.2	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	177.1	19.2	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	316.3	18.7	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	551.4	19.2	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	790.5	20.2	3.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	676.5	17.7	3.5	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
71°	551.4	15.6	3.5	2.0	1.0	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	354.6	12.1	3.0	2.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
75°	149.8	10.1	3.0	2.0	1.5	1.0	1.0	0.5	0.0	0.0	0.0
77.5°	64.1	7.6	3.0	2.5	2.0	1.5	1.5	1.0	0.5	0.0	0.0
80°	24.2	6.1	3.5	3.0	2.5	2.5	2.0	1.0	0.5	0.0	0.0
82.5°	11.1	5.0	3.5	3.0	3.0	2.5	2.0	1.5	1.0	0.0	0.0
85°	7.1	4.5	3.5	3.0	3.0	2.5	2.5	1.5	1.0	0.0	0.0
87.5°	5.5	4.5	3.5	3.5	3.0	3.0	2.0	1.5	0.5	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: SP1-2407-184-7

Test Date: 10/10/2024

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

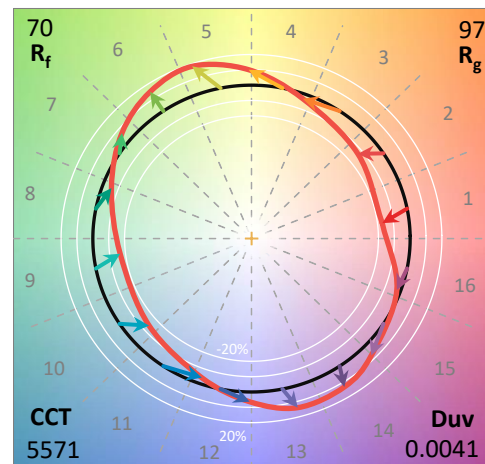
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

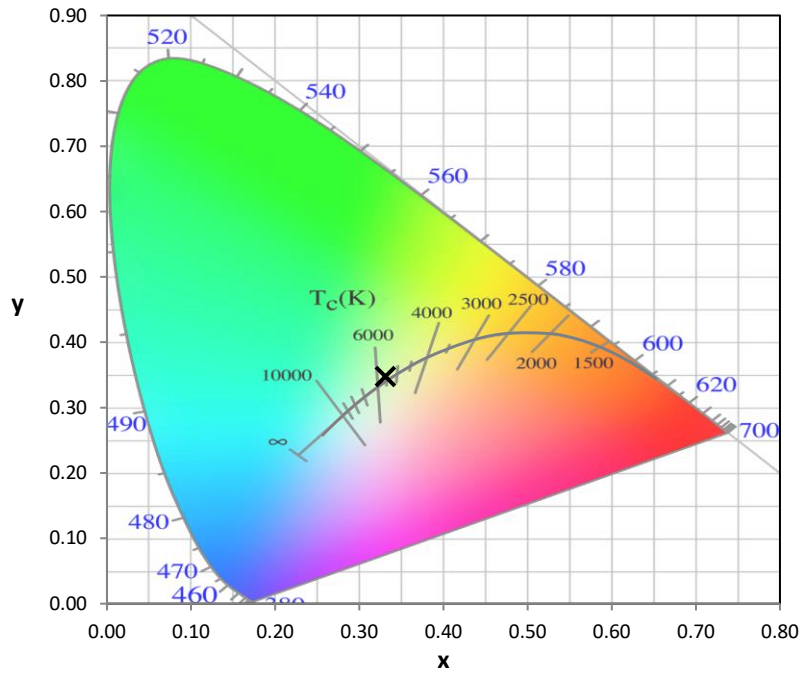
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

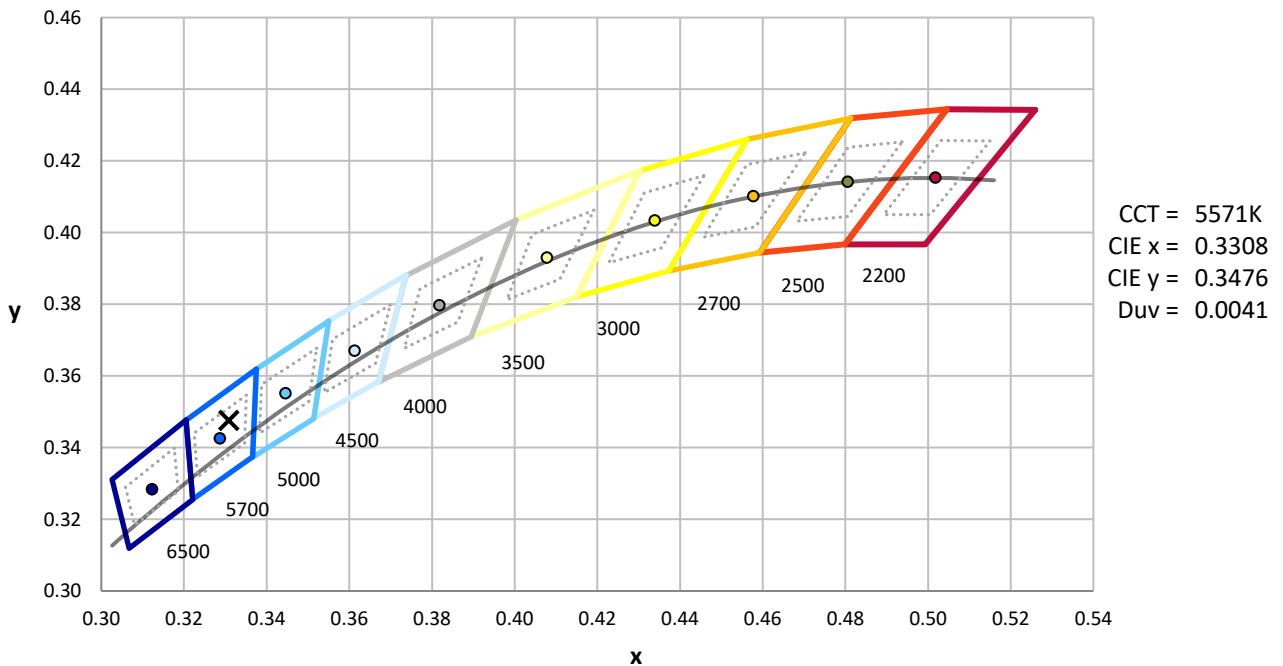
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



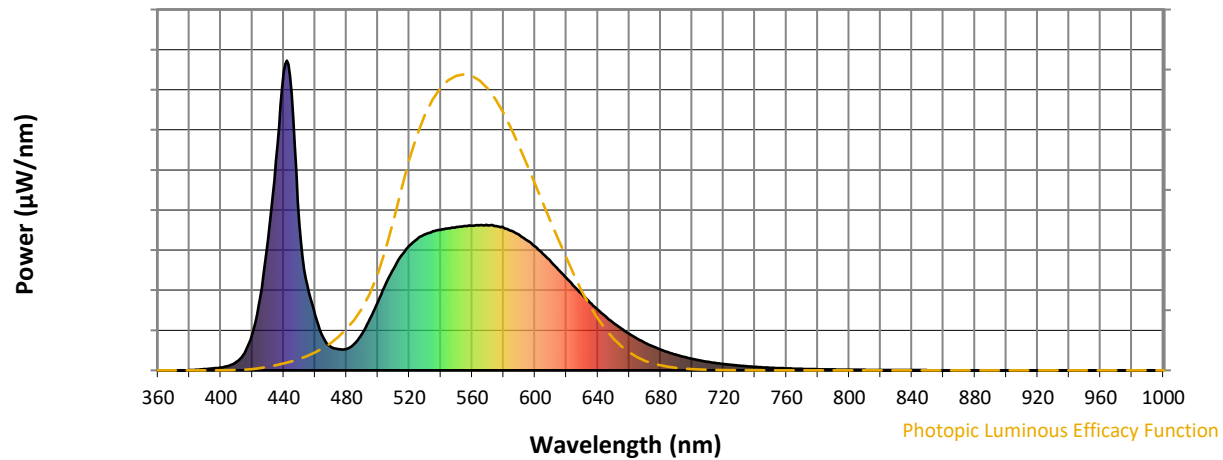
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

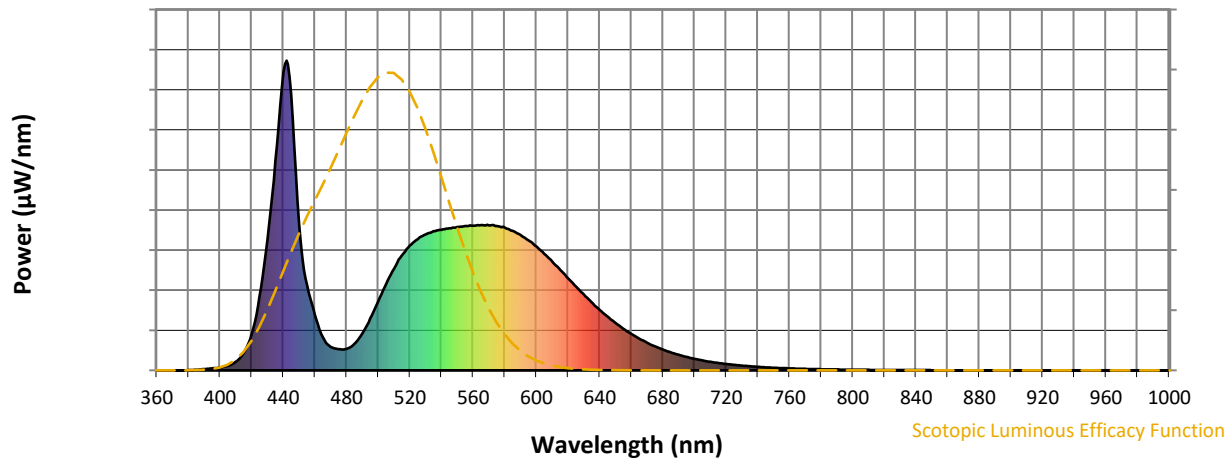


Photopic Lumens: NR

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



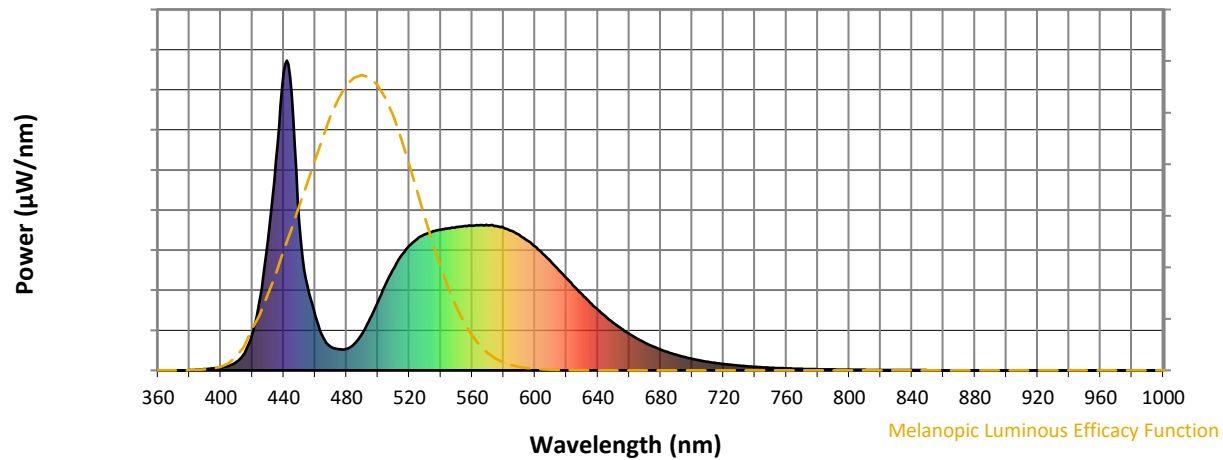
Scotopic Lumens: NR

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

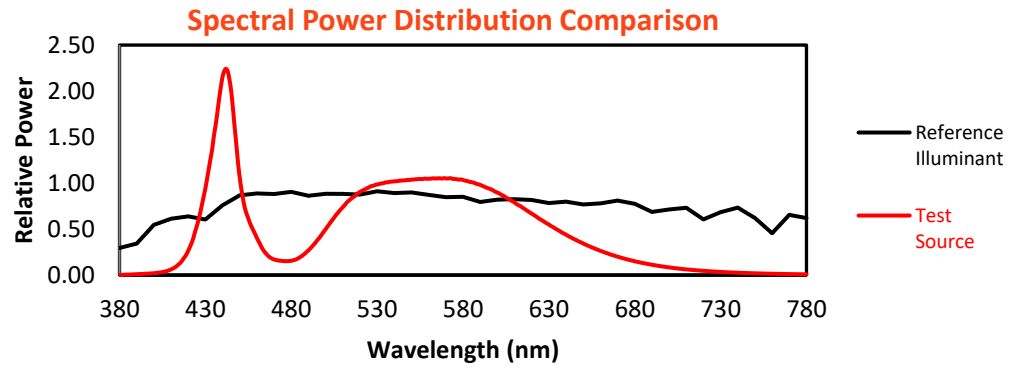
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	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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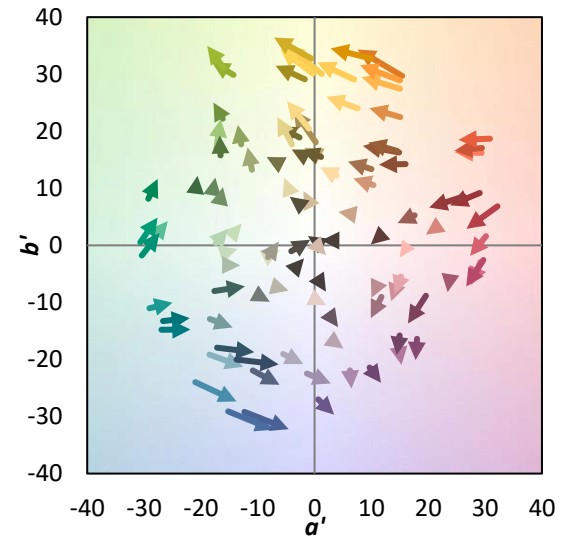
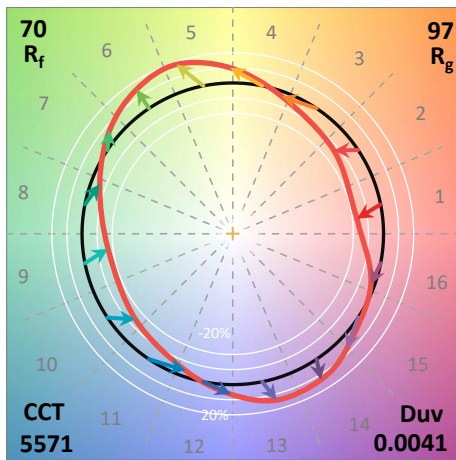
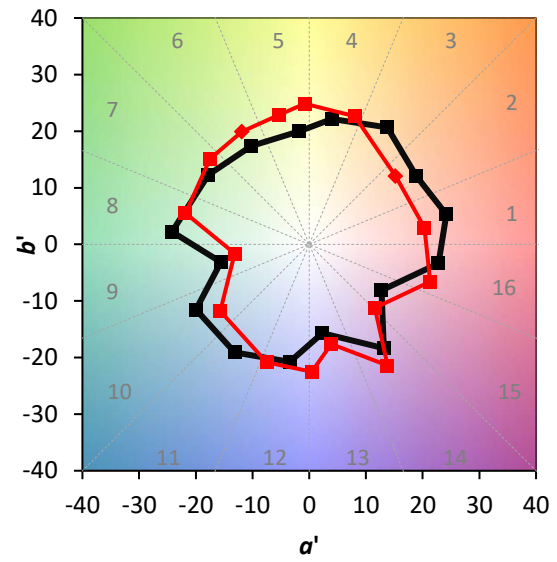
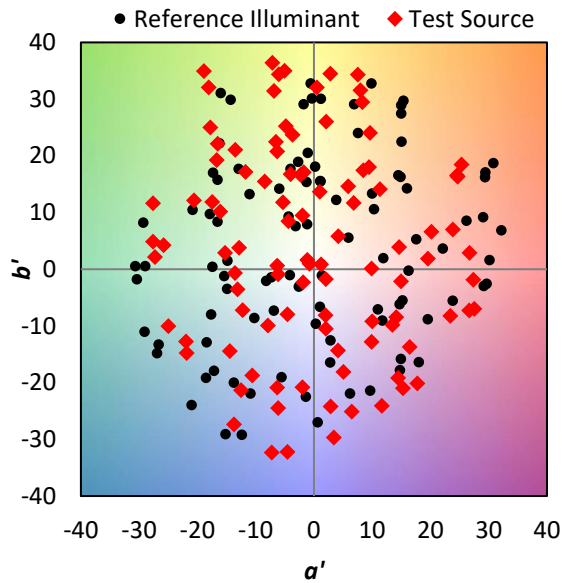
TM-30-18

Summary

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

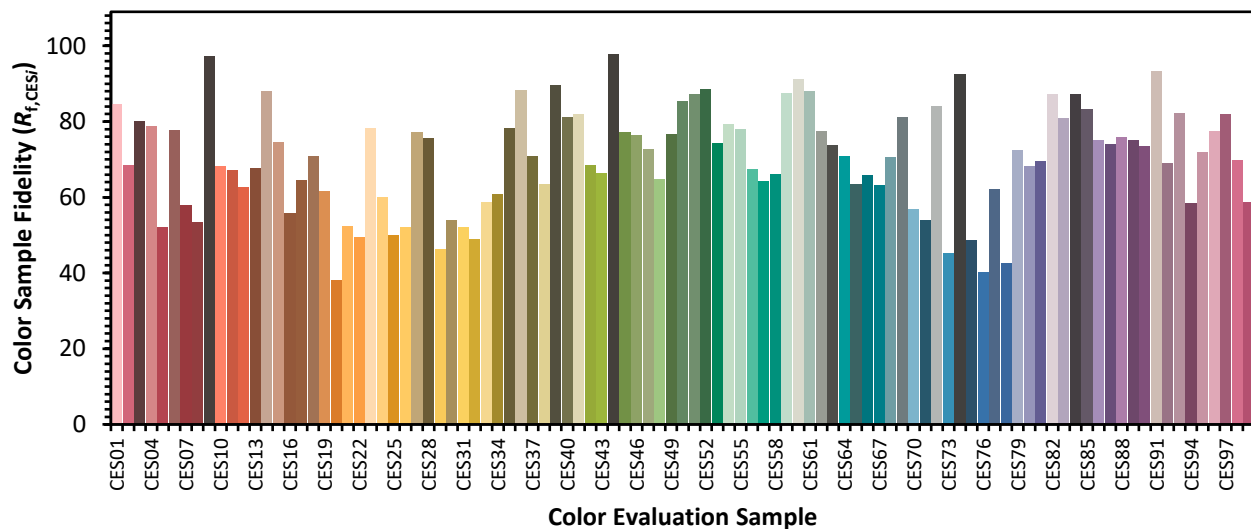


Color Vector Graphics

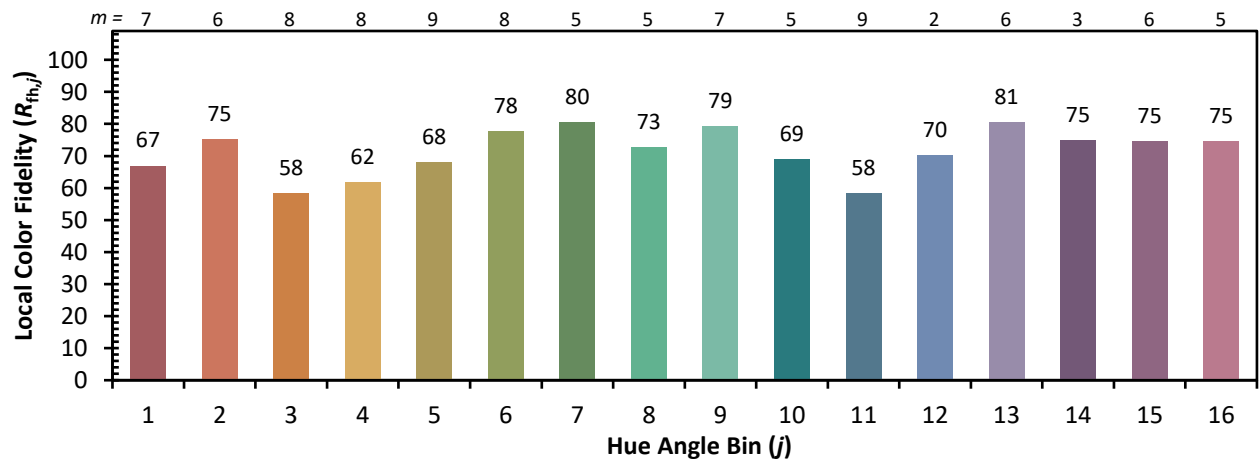
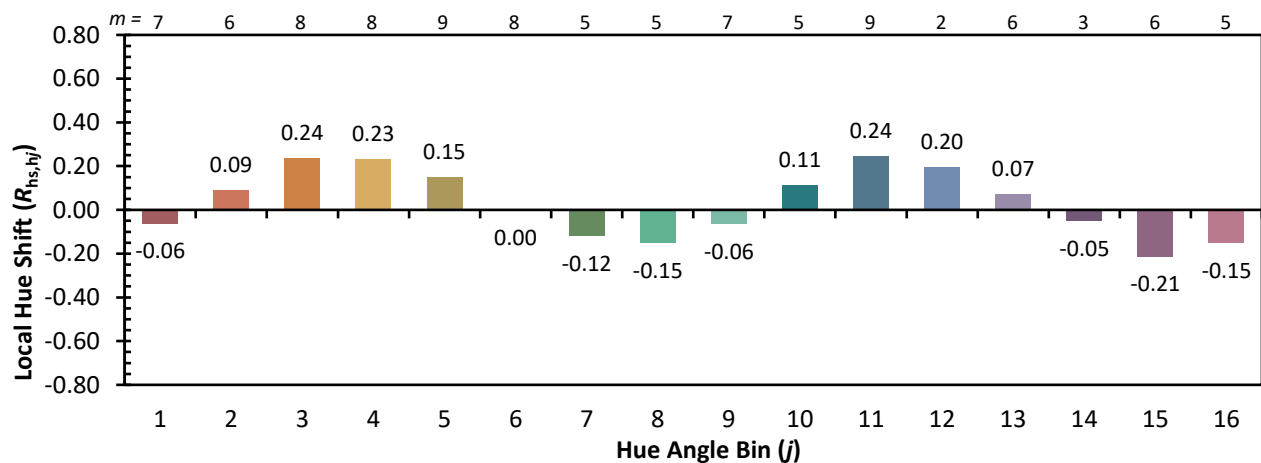
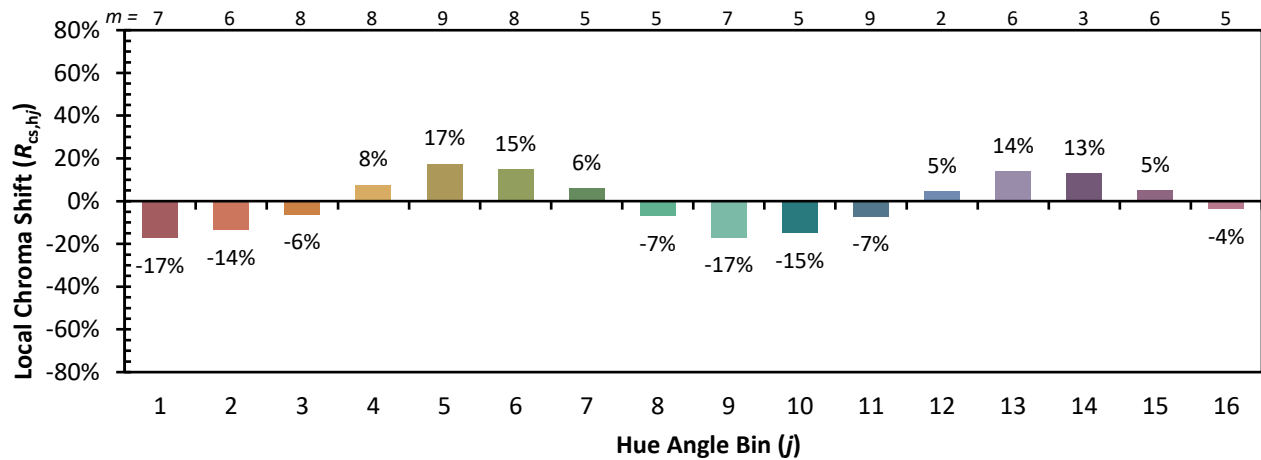


Individual Sample Fidelity Index ($R_{f,i}$)

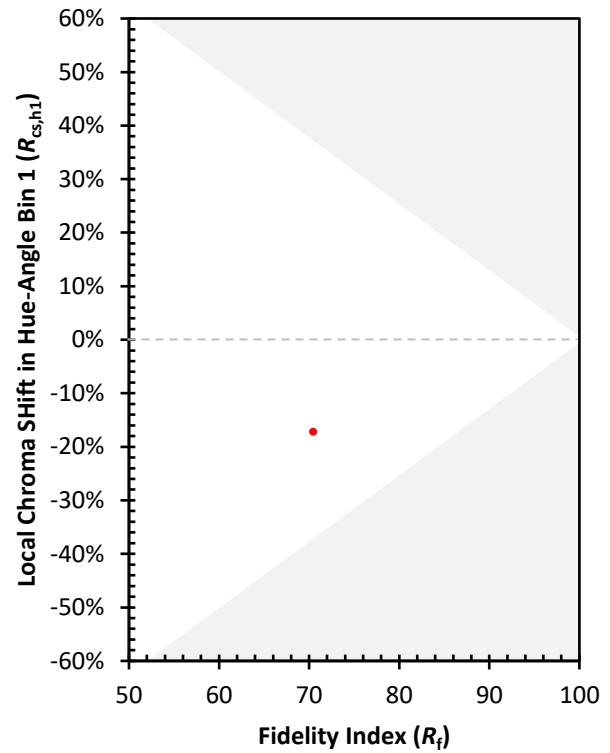
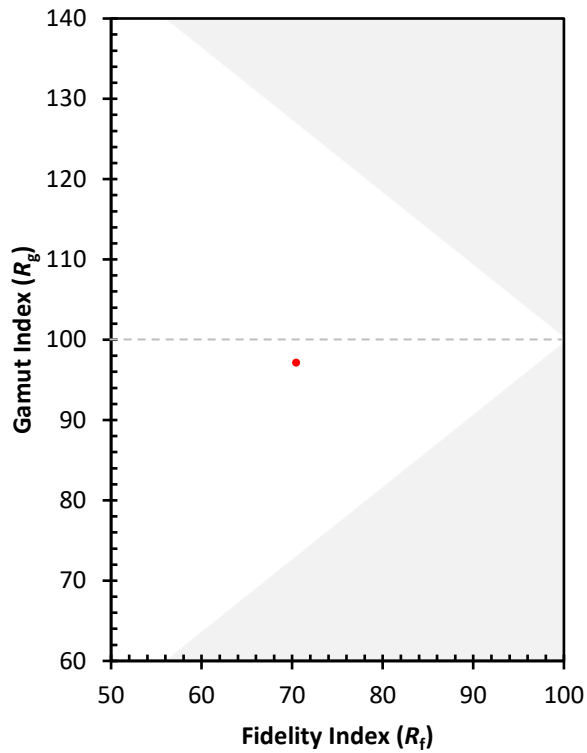
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 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)