

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: P1047233

Luminaire Tested: **GALN-SA2A-757-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047233
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-757-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7706 lumens
Efficiency: N/A
Efficacy: 138.1 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): 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

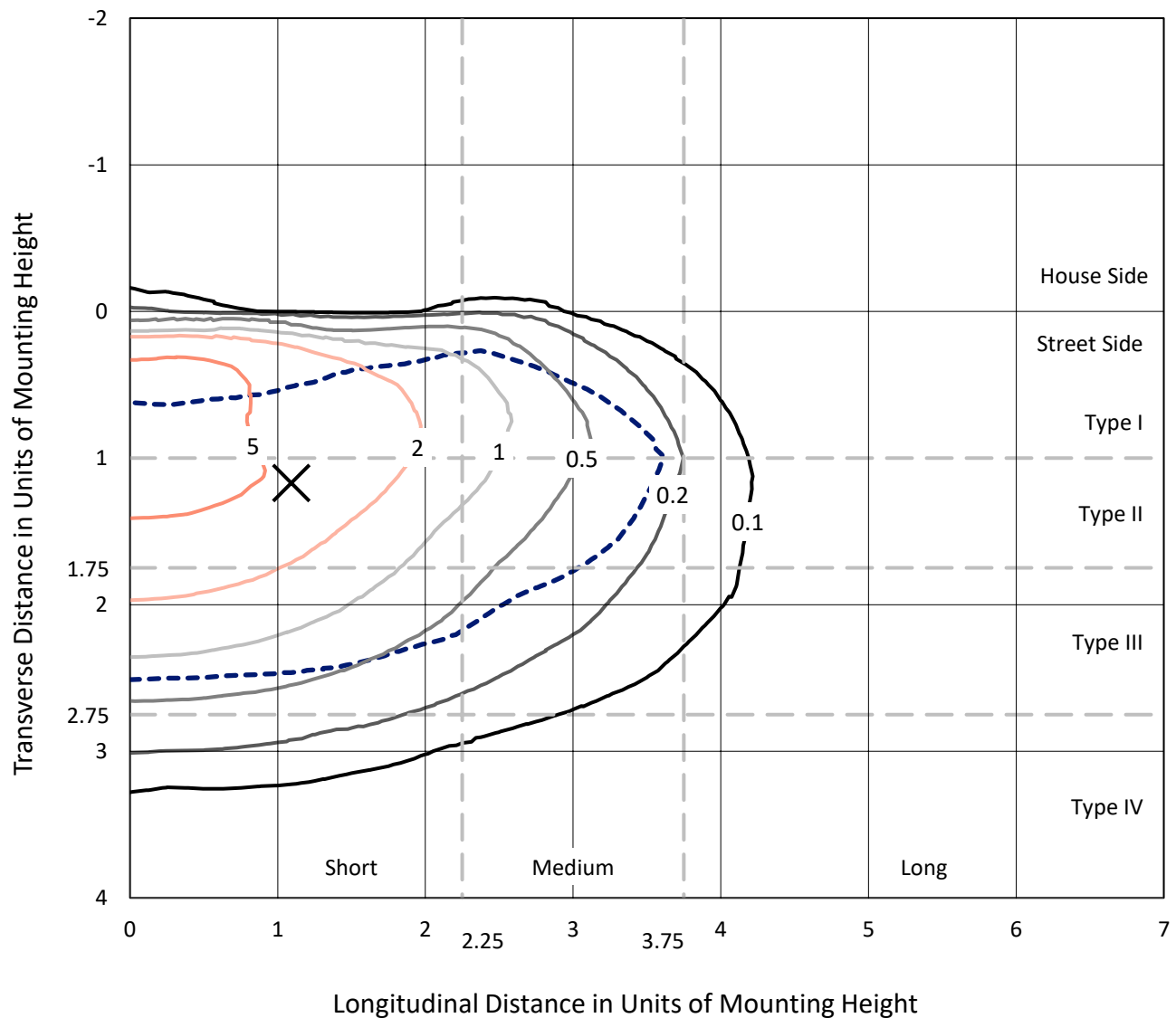


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

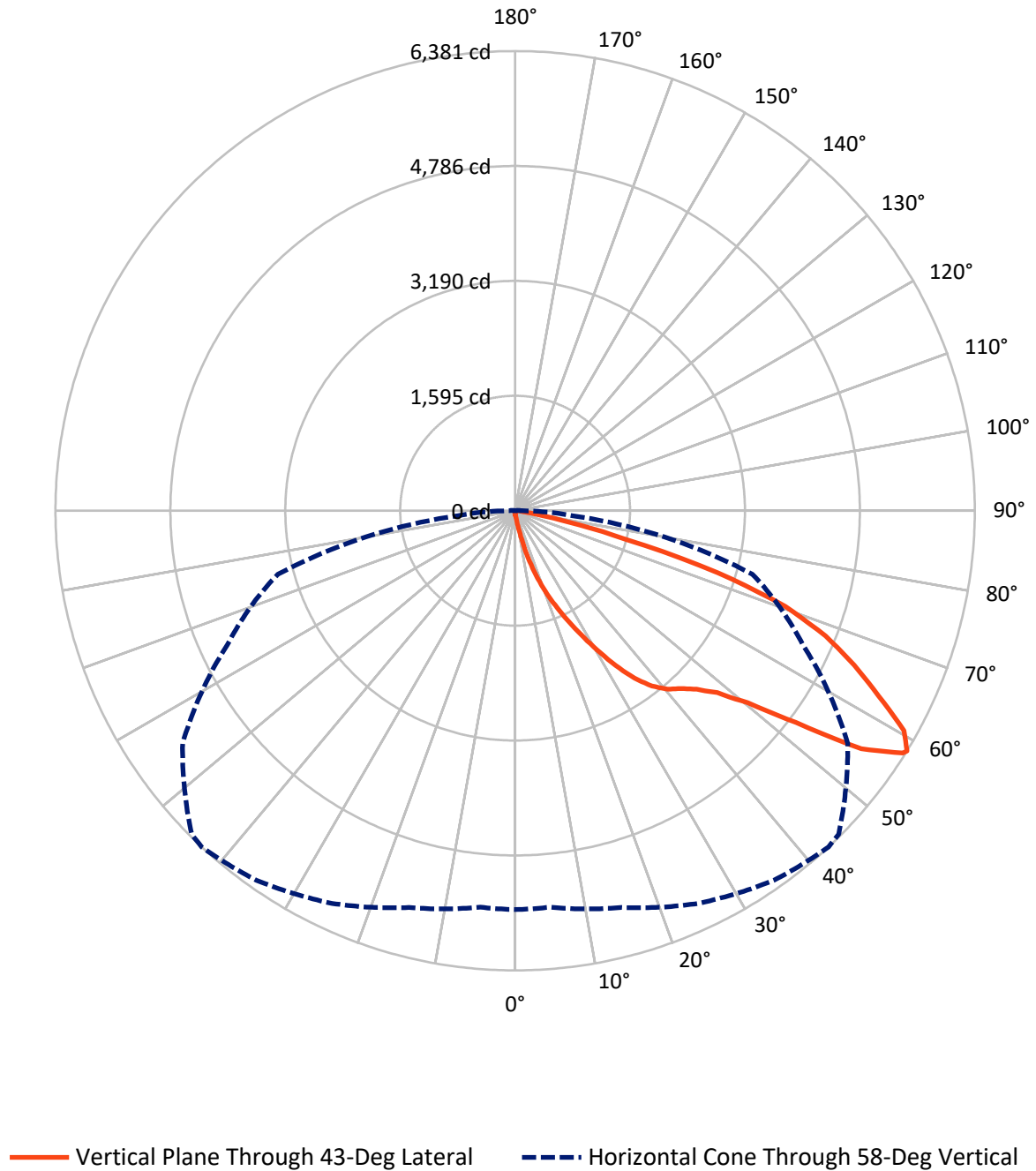


Based on 15 foot mounting height. Maximum calculated value = 8.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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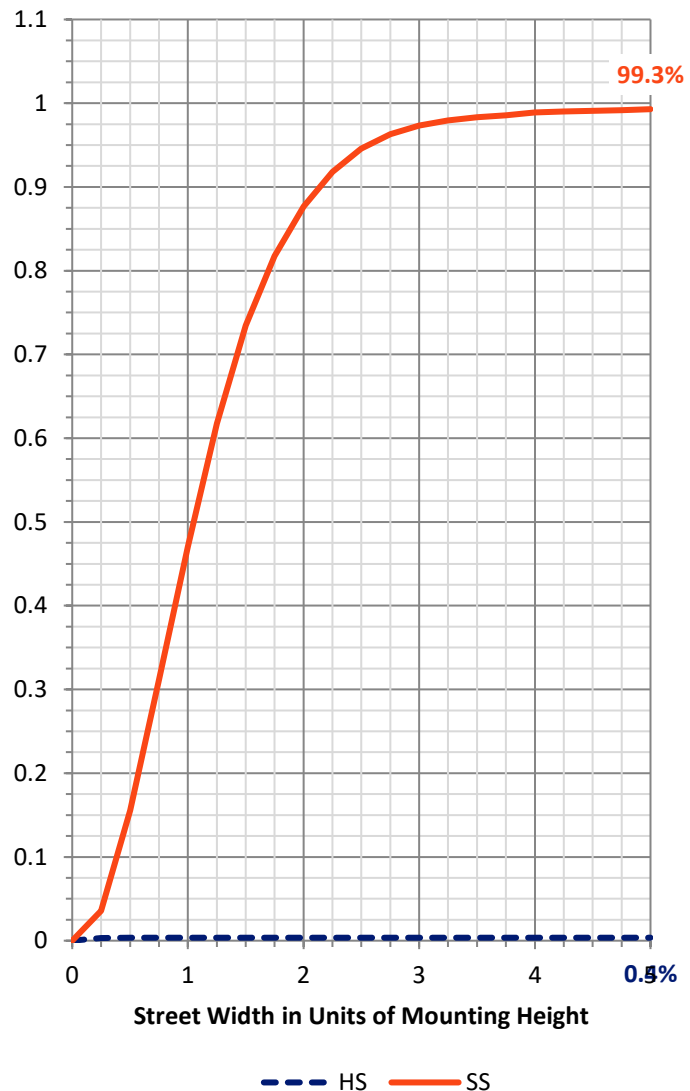
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.1	0.0	28.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7677.9	0.0	7677.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	7706.0	0.0	7706.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.4	0.1
10°-20°	88.6	1.1
20°-30°	319.3	4.1
30°-40°	730.5	9.5
40°-50°	1232.0	16.0
50°-60°	2033.2	26.4
60°-70°	2272.3	29.5
70°-80°	938.2	12.2
80°-90°	84.6	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°	7706.0	100.0
0°-180°	7706.0	100.0



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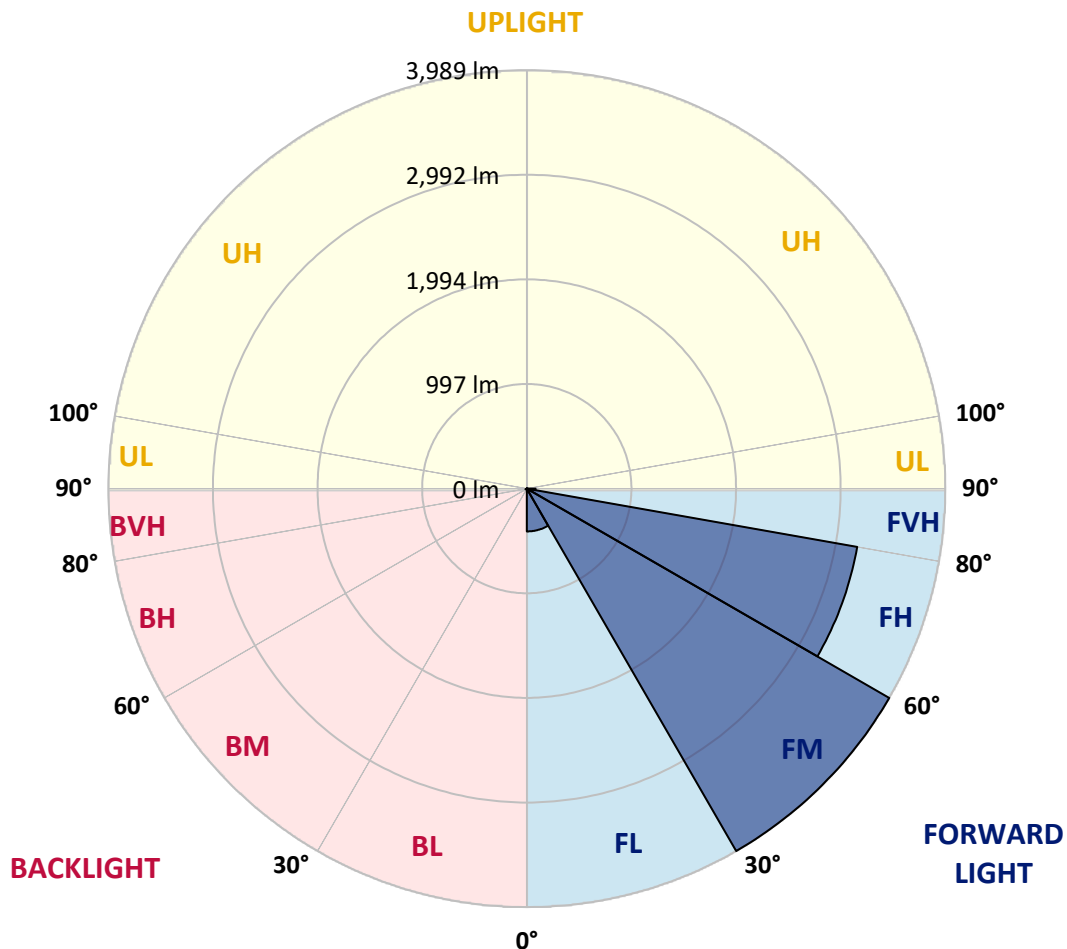
CATALOG NUMBER: GALN-SA2A-757-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	407.9	5.3			
FM	(30°-60°)	3988.9	51.8			
FH	(60°-80°)	3197.6	41.5			G2/5000
FVH	(80°-90°)	83.4	1.1			G1/100
BL	(0°-30°)	7.3	0.1	B0/110		
BM	(30°-60°)	6.7	0.1	B0/220		
BH	(60°-80°)	12.9	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2.5°	60.5	62.5	60.5	60.5	60.5	58.4	58.4	56.4	56.4	54.4	52.4
5°	88.7	88.7	82.6	78.6	74.6	72.6	70.5	66.5	62.5	58.4	54.4
7.5°	197.5	197.5	179.4	155.2	122.9	104.8	100.8	82.6	70.5	62.5	54.4
10°	471.6	471.6	431.3	364.8	282.2	209.6	187.4	118.9	84.6	66.5	56.4
12.5°	784.0	794.1	743.7	659.1	536.1	409.1	364.8	217.7	112.9	72.6	56.4
15°	1064.2	1040.0	1025.9	945.2	828.3	677.2	620.8	366.8	163.3	82.6	56.4
17.5°	1253.6	1253.6	1233.5	1179.0	1072.2	939.2	892.8	592.5	264.0	94.7	58.4
20°	1475.3	1475.3	1439.0	1400.7	1306.0	1193.1	1148.8	842.5	409.1	120.9	58.4
22.5°	1743.4	1747.4	1707.1	1638.6	1547.9	1422.9	1384.6	1074.2	592.5	161.2	60.5
25°	2069.9	2073.9	2015.4	1950.9	1811.9	1676.8	1618.4	1340.3	816.3	225.7	60.5
27.5°	2430.6	2458.8	2372.2	2261.3	2114.2	1944.9	1900.6	1580.1	1038.0	318.4	64.5
30°	2880.1	2880.1	2765.2	2610.0	2450.8	2241.2	2184.7	1832.0	1273.8	441.4	68.5
32.5°	3267.0	3236.8	3089.7	2926.4	2757.1	2561.6	2501.2	2096.1	1515.6	594.6	76.6
35°	3563.3	3537.1	3355.7	3180.4	3033.2	2853.9	2781.3	2382.3	1771.6	767.9	88.7
37.5°	3817.3	3807.2	3561.3	3341.6	3244.9	3087.7	3023.2	2652.3	2023.5	955.3	102.8
40°	4095.4	4063.1	3801.1	3529.0	3383.9	3257.0	3198.5	2870.0	2265.4	1175.0	122.9
42.5°	4333.2	4294.9	4059.1	3793.1	3545.2	3373.9	3317.4	3053.4	2501.2	1394.7	149.1
45°	4597.2	4577.1	4339.3	4137.7	3807.2	3533.1	3458.5	3200.5	2716.8	1656.7	183.4
47.5°	4994.3	4958.0	4736.3	4571.0	4188.1	3774.9	3668.1	3351.7	2924.4	1914.7	235.8
50°	5455.8	5431.6	5300.6	5169.6	4788.7	4188.1	4061.1	3569.4	3156.2	2221.0	304.3
52.5°	5832.7	5828.7	5844.8	5846.8	5558.6	4883.4	4694.0	3920.0	3422.2	2523.3	401.1
55°	5824.6	5842.8	6020.1	6223.7	6245.9	5832.7	5649.3	4510.6	3768.9	2896.2	536.1
57.5°	5607.0	5592.9	5780.3	6086.6	6302.3	6346.6	6316.4	5427.6	4290.9	3345.6	743.7
58°	5536.4	5524.3	5701.7	6014.1	6262.0	6380.9	6350.7	5635.2	4407.8	3410.1	800.1
60°	5280.5	5282.5	5387.3	5671.5	5919.4	6201.5	6229.7	6227.7	4990.2	3841.4	1084.3
62.5°	4941.9	4925.7	5022.5	5254.3	5471.9	5661.4	5709.8	6268.0	5842.8	4389.6	1626.5
65°	4474.3	4450.1	4552.9	4814.9	5048.7	5171.6	5173.6	5727.9	6243.8	4978.1	2400.4
67.5°	3605.6	3585.5	3791.0	4127.6	4488.4	4649.6	4722.2	4970.1	5905.3	5377.2	2843.8
70°	2208.9	2251.3	2537.4	3065.5	3682.2	3978.5	4087.3	4163.9	5028.5	5316.7	2378.2
72.5°	1019.8	969.4	1213.3	1582.1	2285.5	2944.6	3057.4	3357.7	3986.5	4615.4	1773.6
75°	475.6	457.5	513.9	691.3	1035.9	1590.2	1795.8	2680.5	3057.4	3210.6	1279.8
77.5°	243.9	245.9	292.2	314.4	427.3	735.6	844.5	1763.5	2241.2	1791.7	858.6
80°	106.8	110.8	112.9	122.9	173.3	284.2	320.5	818.3	1531.7	913.0	469.6
82.5°	68.5	70.5	70.5	70.5	82.6	112.9	129.0	328.5	763.9	453.5	145.1
85°	36.3	36.3	40.3	50.4	58.4	68.5	72.6	104.8	251.9	135.0	34.3
87.5°	20.2	22.2	24.2	30.2	38.3	46.4	50.4	72.6	96.7	92.7	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°	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2.5°	52.4	50.4	48.4	46.4	44.3	42.3	42.3	42.3	42.3	42.3	42.3
5°	50.4	48.4	46.4	42.3	38.3	36.3	34.3	32.2	32.2	32.2	32.2
7.5°	50.4	48.4	42.3	38.3	34.3	30.2	26.2	26.2	26.2	26.2	26.2
10°	50.4	46.4	40.3	34.3	28.2	24.2	22.2	20.2	20.2	20.2	20.2
12.5°	50.4	44.3	38.3	30.2	24.2	20.2	18.1	16.1	16.1	16.1	16.1
15°	50.4	44.3	36.3	28.2	22.2	16.1	14.1	12.1	12.1	12.1	12.1
17.5°	48.4	42.3	34.3	24.2	18.1	12.1	10.1	8.1	8.1	10.1	10.1
20°	46.4	40.3	30.2	20.2	14.1	10.1	6.0	6.0	6.0	6.0	6.0
22.5°	46.4	40.3	28.2	18.1	12.1	6.0	4.0	4.0	4.0	4.0	6.0
25°	46.4	38.3	24.2	14.1	8.1	4.0	2.0	2.0	2.0	2.0	2.0
27.5°	46.4	38.3	22.2	12.1	6.0	4.0	2.0	0.0	0.0	0.0	0.0
30°	44.3	36.3	20.2	10.1	4.0	2.0	0.0	0.0	0.0	0.0	0.0
32.5°	44.3	34.3	16.1	8.1	4.0	2.0	0.0	0.0	0.0	0.0	0.0
35°	46.4	32.2	14.1	6.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0
37.5°	48.4	30.2	12.1	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	50.4	28.2	12.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	54.4	28.2	10.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	58.4	28.2	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	66.5	30.2	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	72.6	32.2	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	80.6	30.2	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	90.7	30.2	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	98.8	28.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	102.8	26.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	122.9	24.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	191.5	20.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	389.0	18.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	725.6	16.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	812.2	18.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	511.9	14.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	270.1	14.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	135.0	14.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	62.5	10.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.2	6.0	4.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.1	6.0	4.0	4.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	6.0	6.0	4.0	4.0	2.0	2.0	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

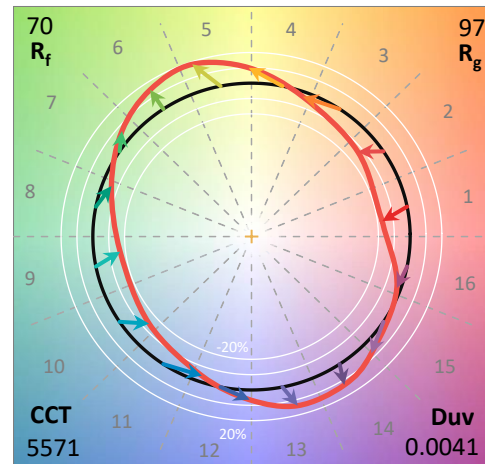
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

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-757-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

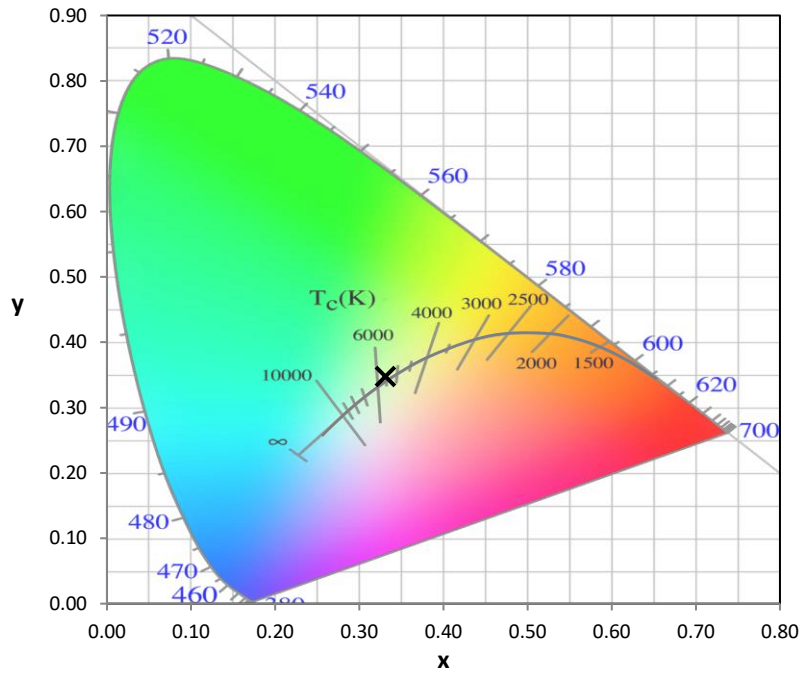
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

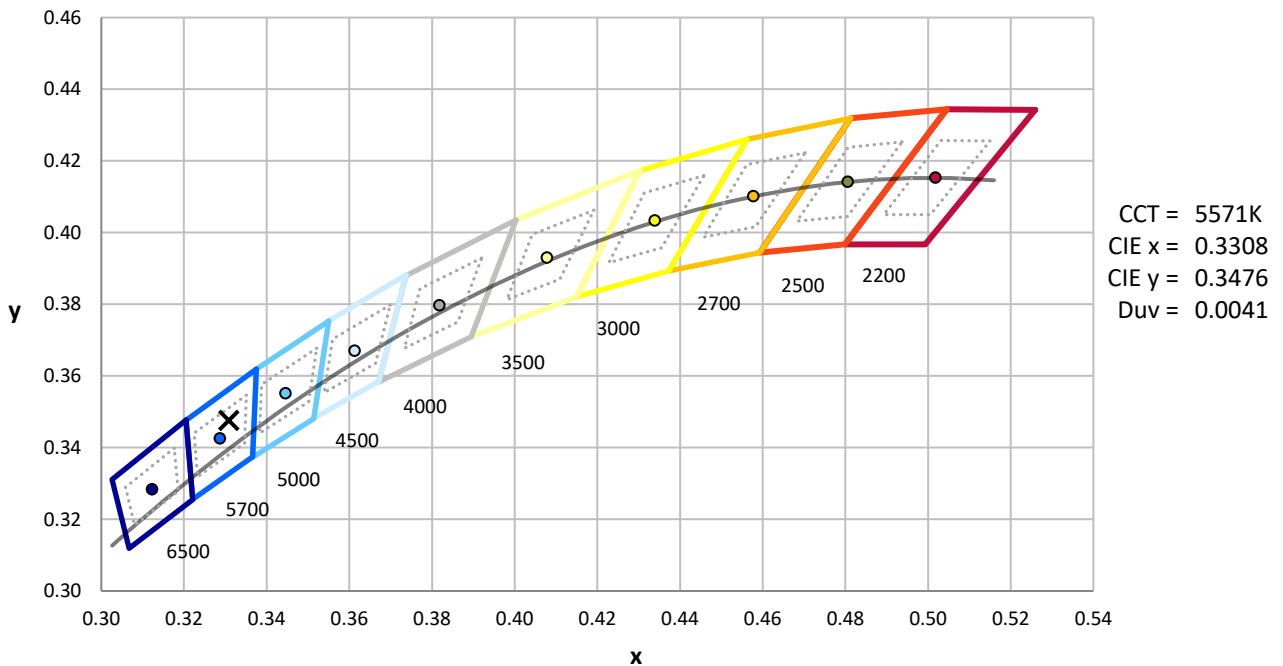
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



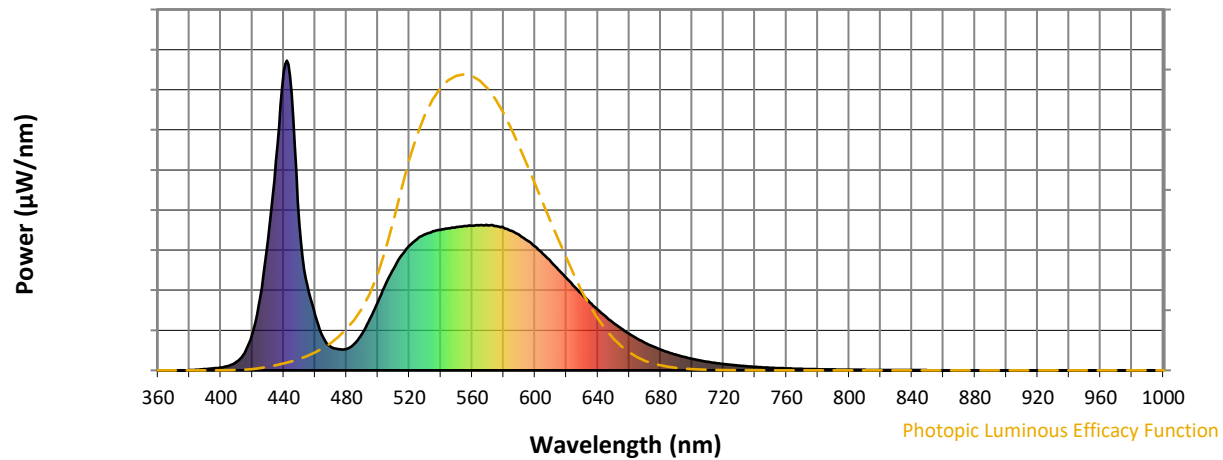
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

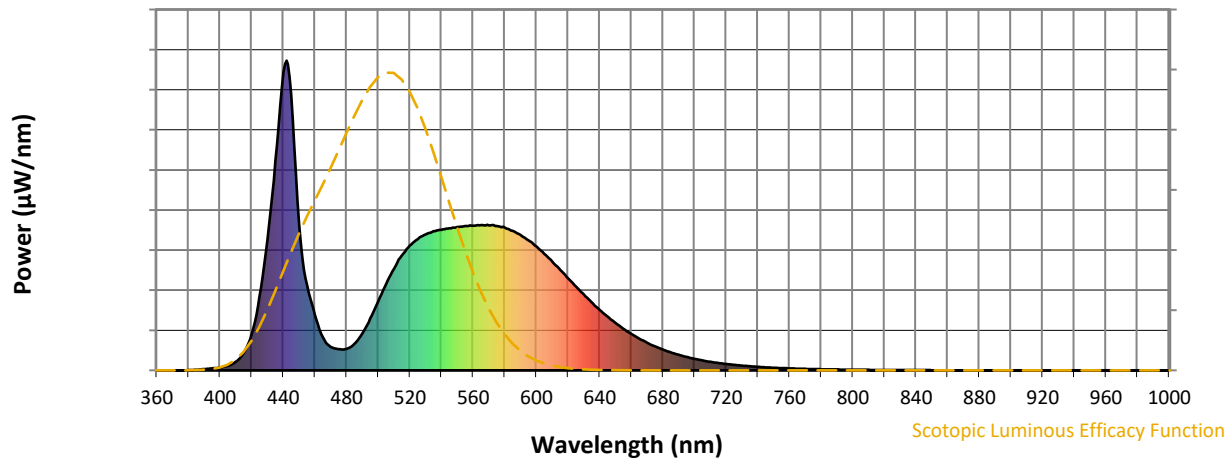


Photopic Lumens: NR

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



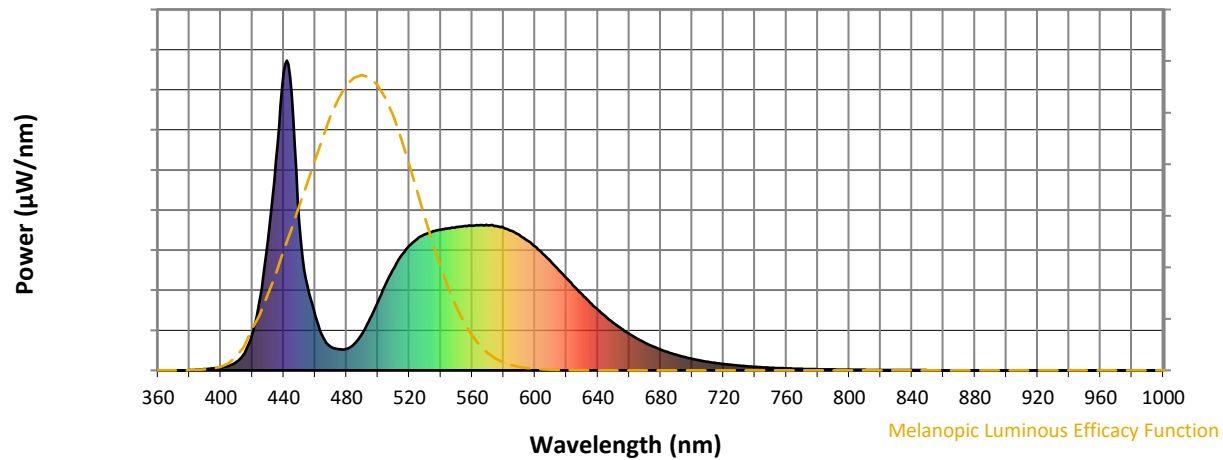
Scotopic Lumens: NR

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

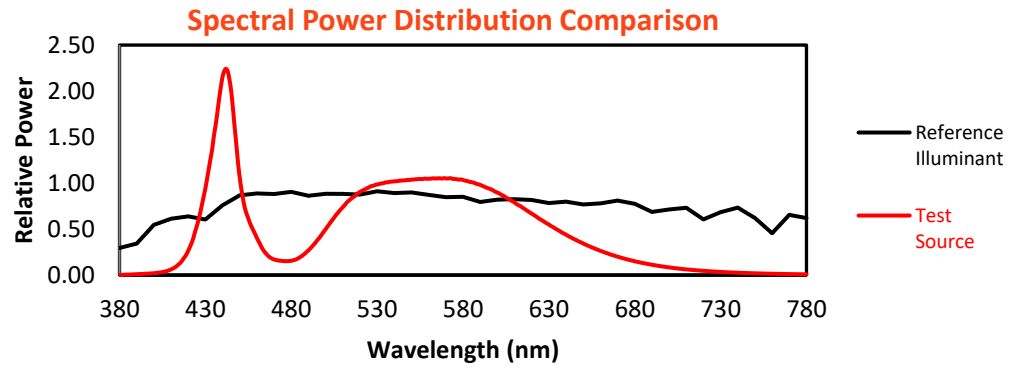
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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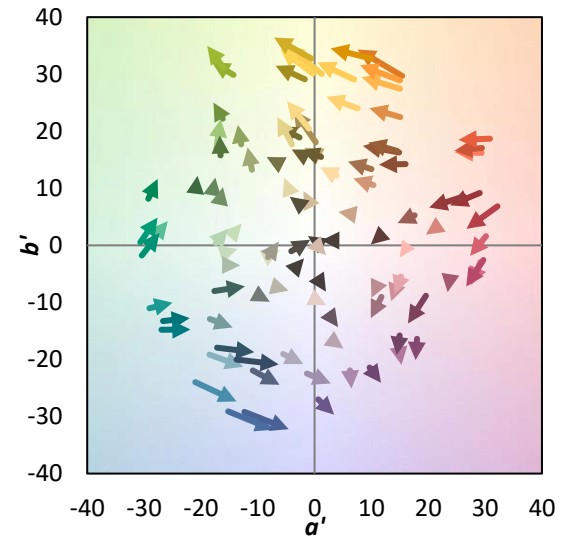
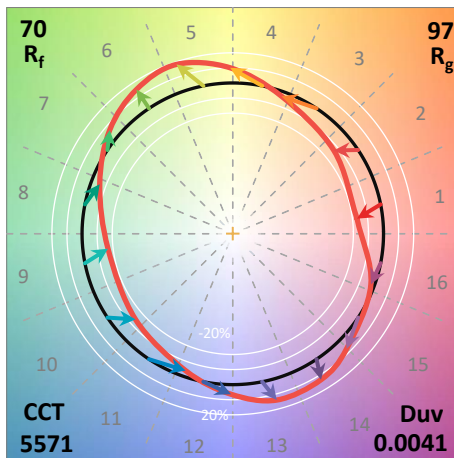
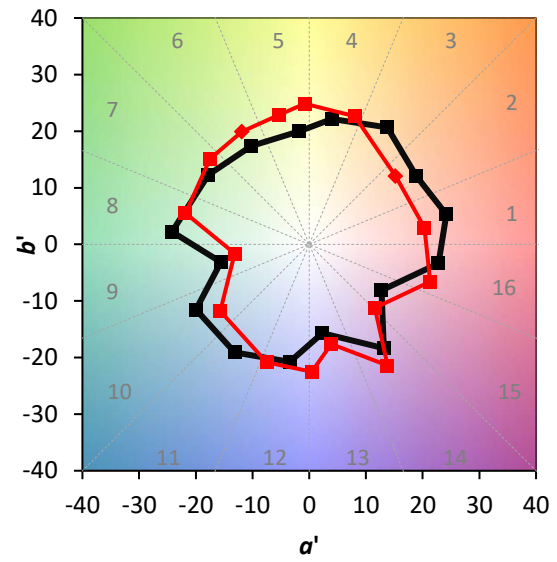
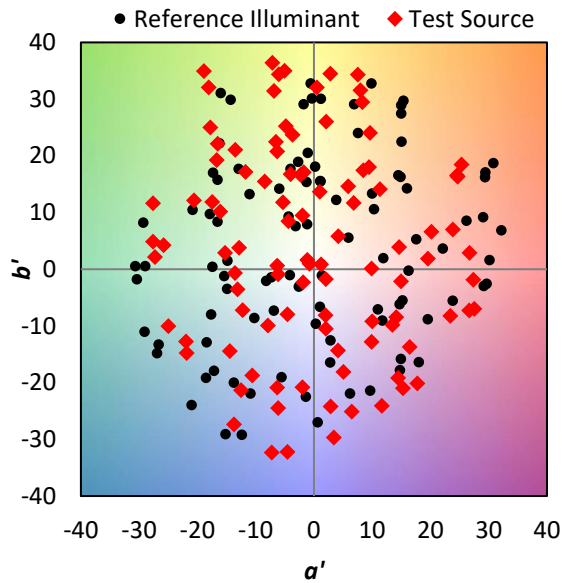
TM-30-18

Summary

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

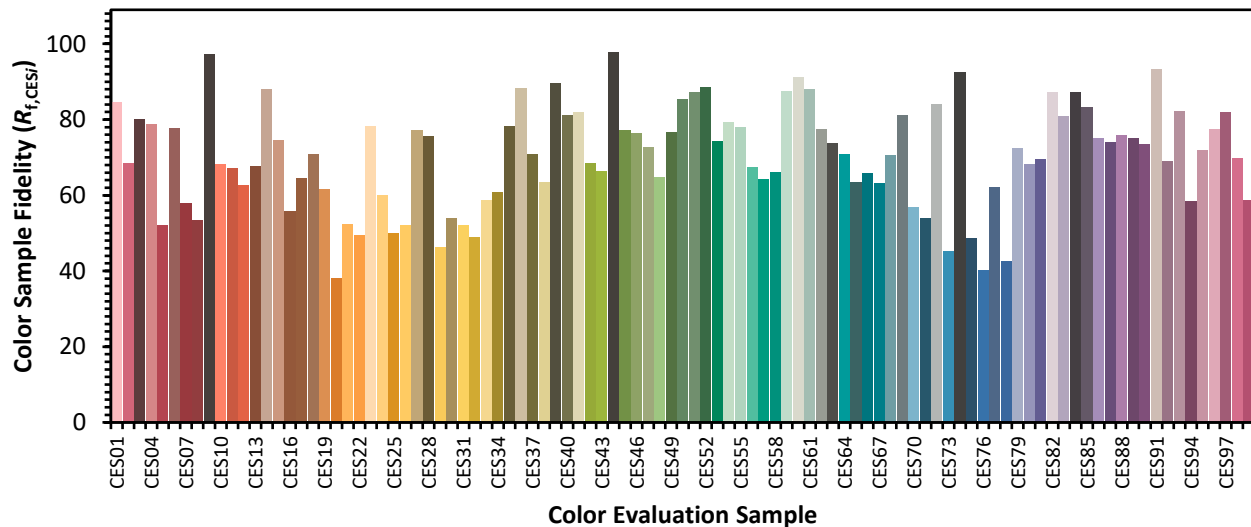


Color Vector Graphics

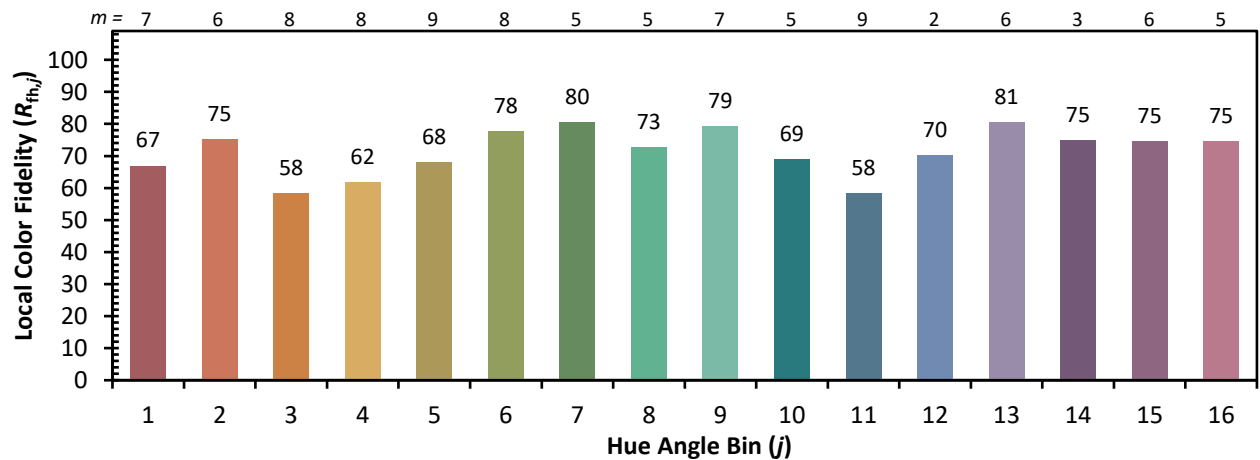
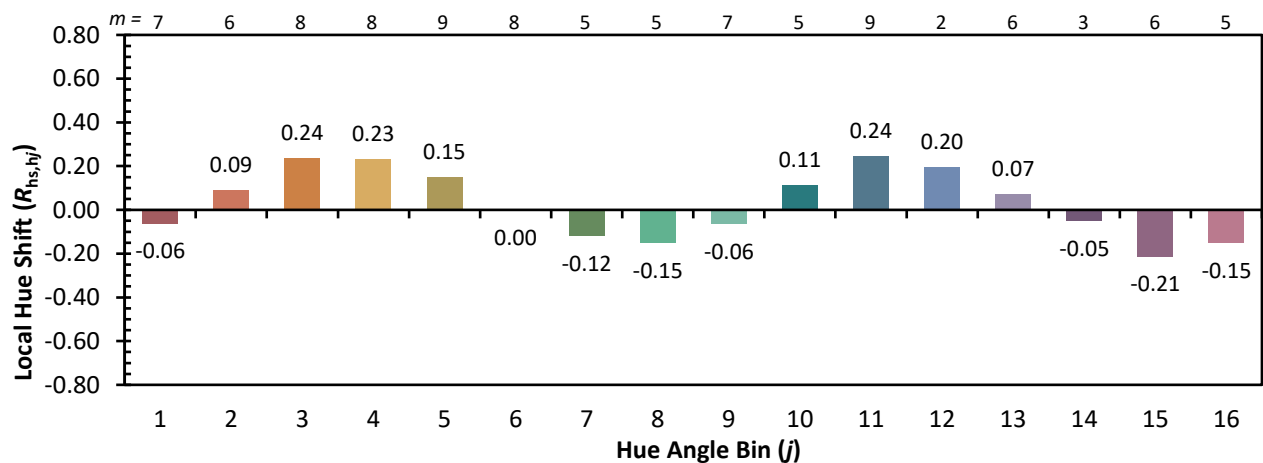
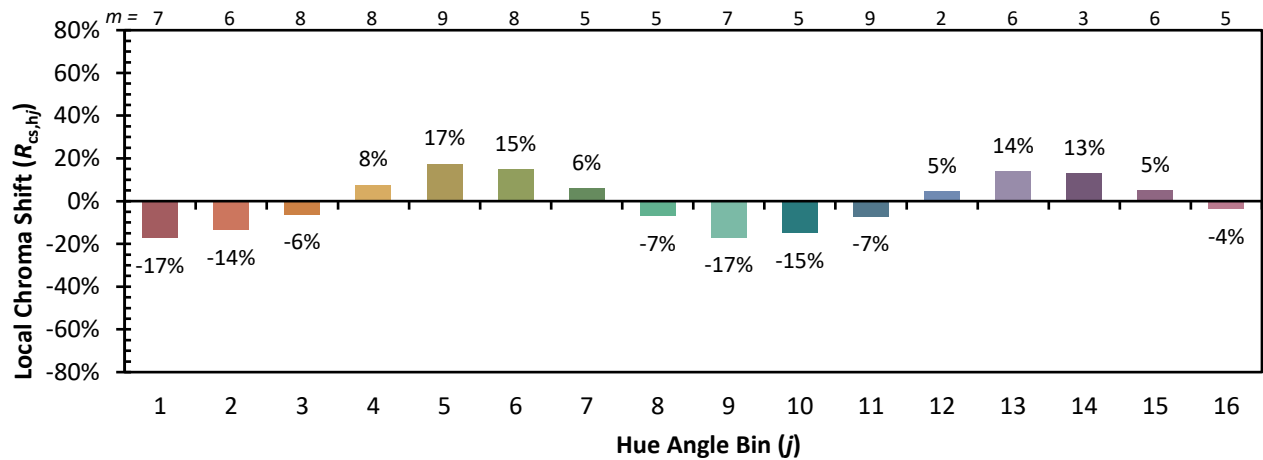


Individual Sample Fidelity Index ($R_{f,i}$)

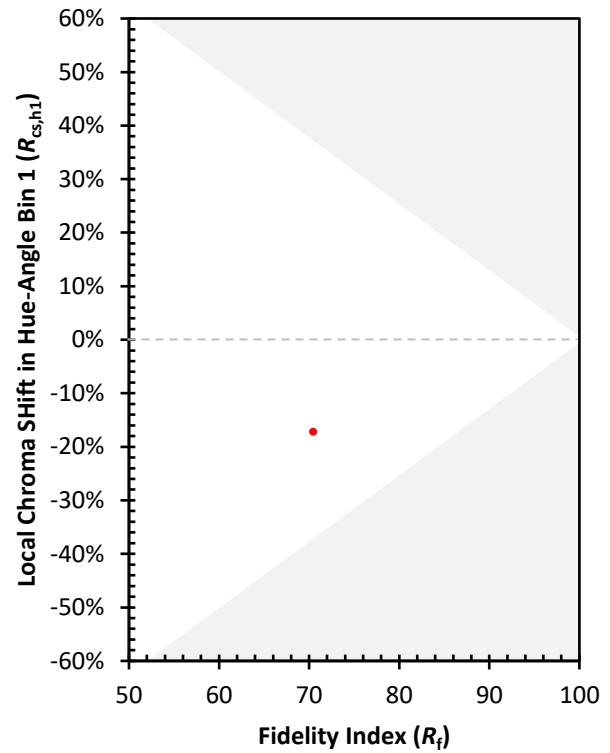
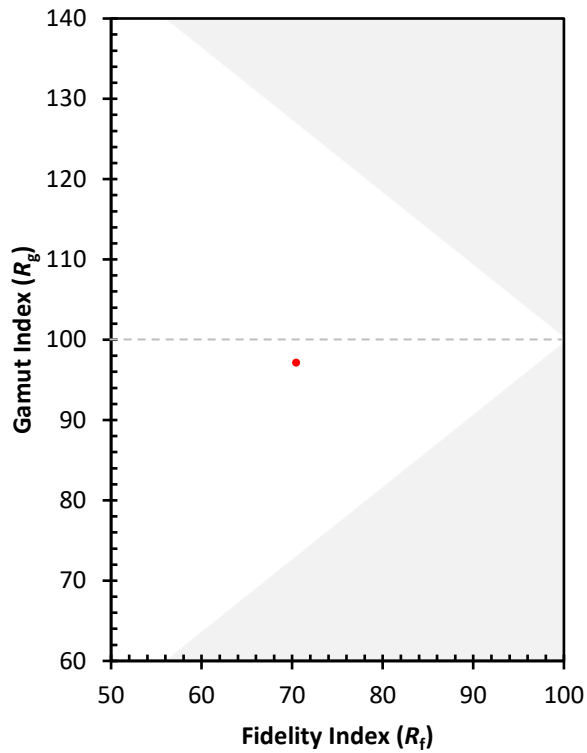
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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