

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: P1047229

Luminaire Tested: **GALN-SA1A-760-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047229
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-760-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 3842 lumens
Efficiency: N/A
Efficacy: 132.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

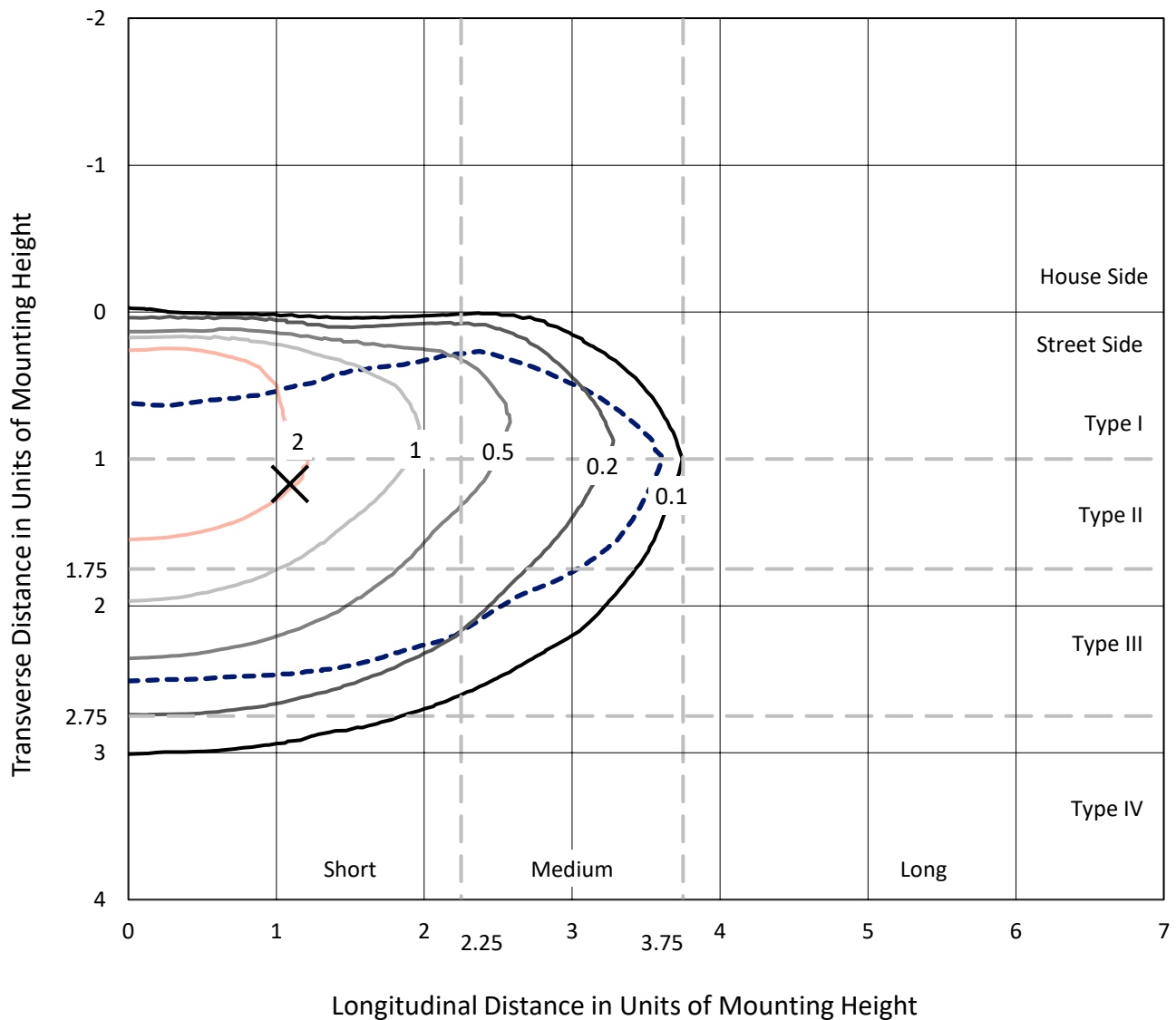


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

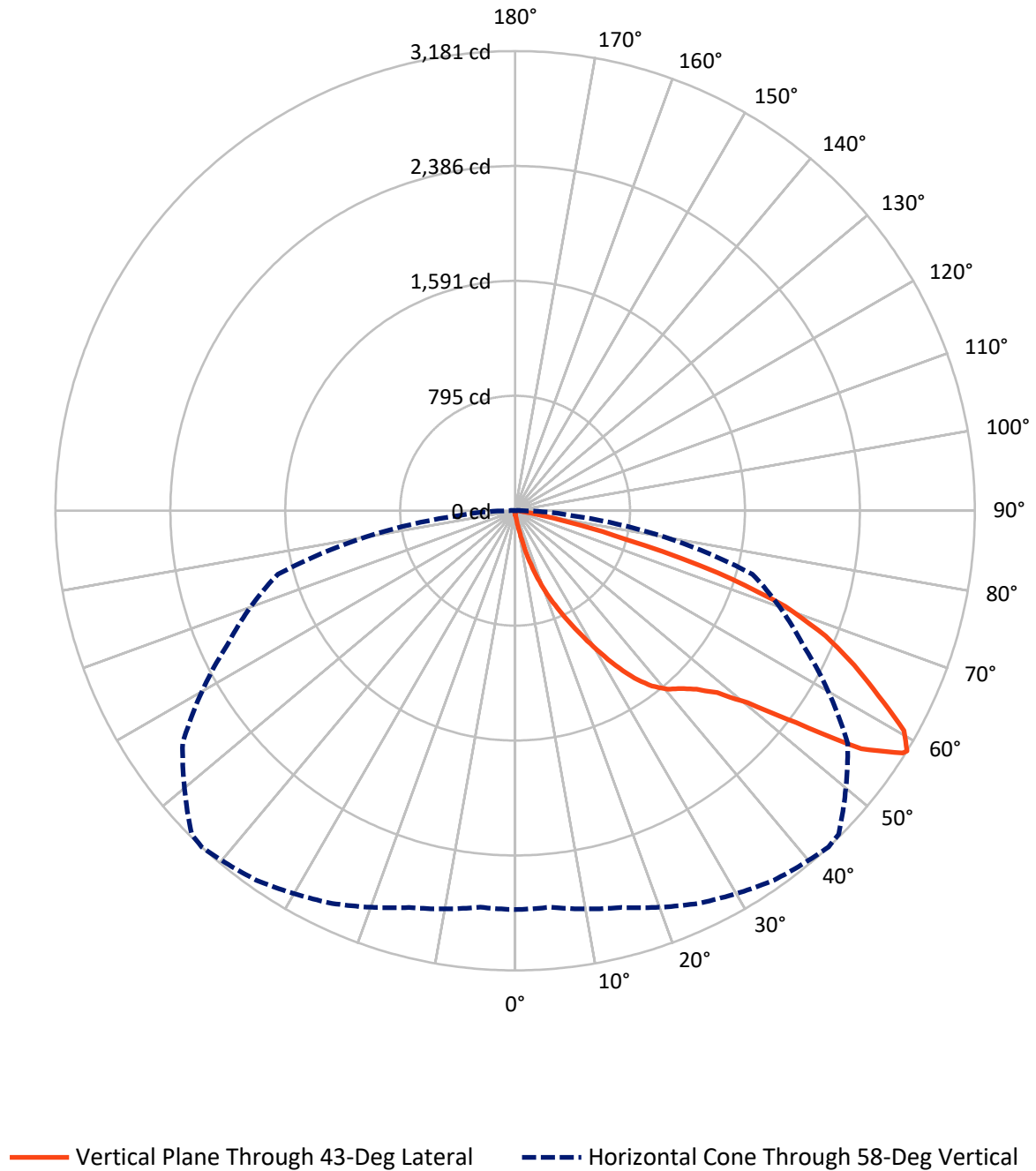


Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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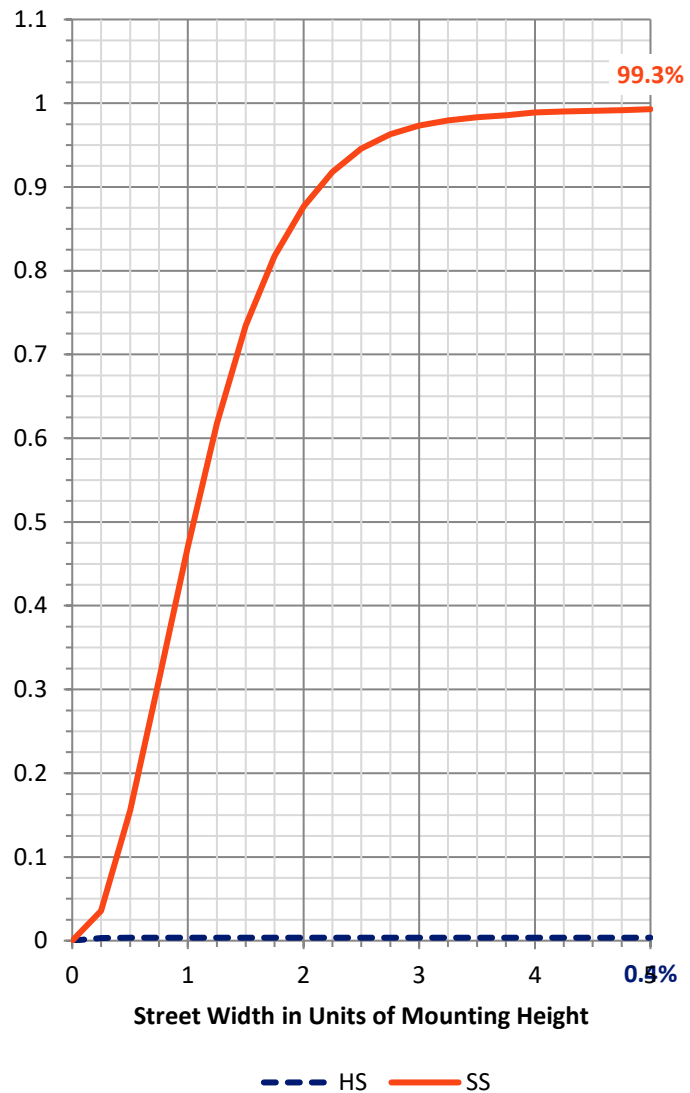
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.0	0.0	14.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3827.9	0.0	3827.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	3842.0	0.0	3842.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.7	0.1
10°-20°	44.2	1.1
20°-30°	159.2	4.1
30°-40°	364.2	9.5
40°-50°	614.3	16.0
50°-60°	1013.7	26.4
60°-70°	1132.9	29.5
70°-80°	467.8	12.2
80°-90°	42.2	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°	3842.0	100.0
0°-180°	3842.0	100.0



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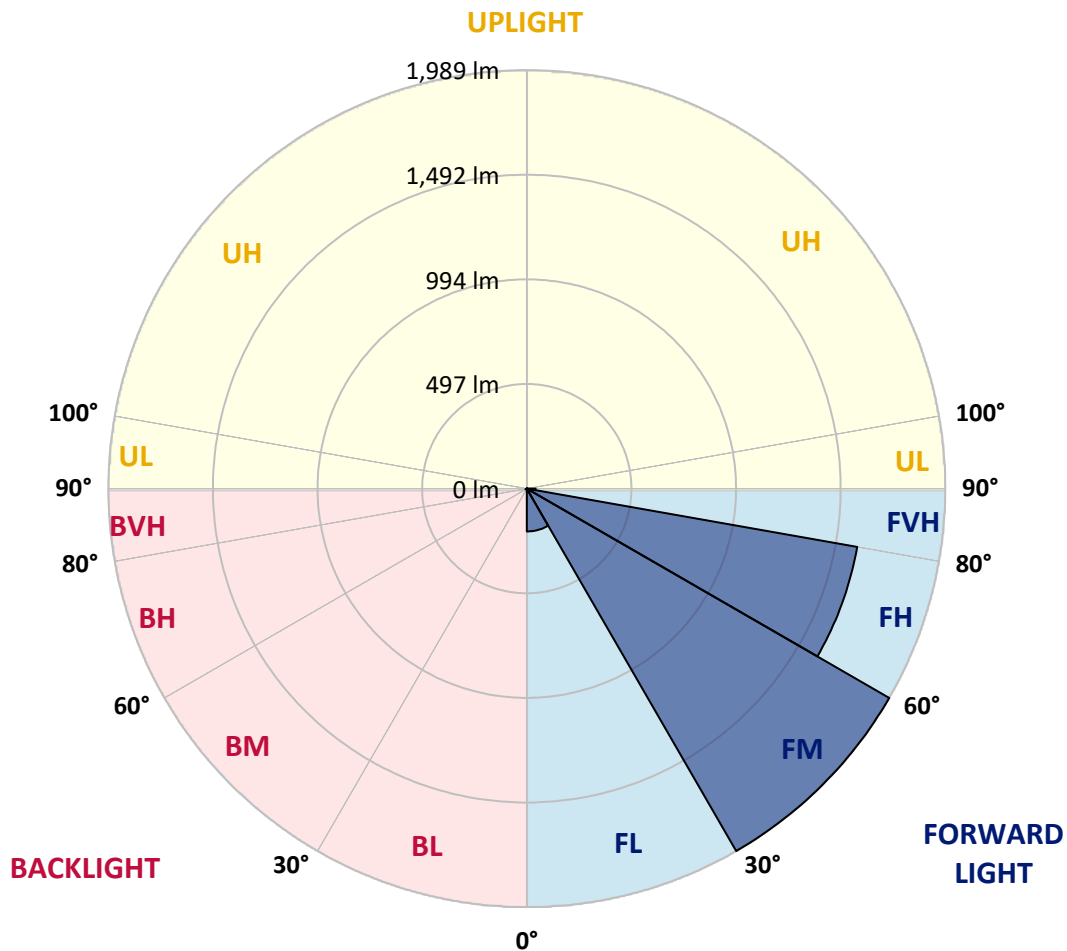
CATALOG NUMBER: GALN-SA1A-760-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	203.4	5.3			
FM	(30°-60°)	1988.7	51.8			
FH	(60°-80°)	1594.2	41.5			G1/1800
FVH	(80°-90°)	41.6	1.1			G1/100
BL	(0°-30°)	3.7	0.1	B0/110		
BM	(30°-60°)	3.4	0.1	B0/220		
BH	(60°-80°)	6.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type III Short





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CATALOG NUMBER: GALN-SA1A-760-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
2.5°	30.1	31.1	30.1	30.1	30.1	29.1	29.1	28.1	28.1	27.1	26.1
5°	44.2	44.2	41.2	39.2	37.2	36.2	35.2	33.2	31.1	29.1	27.1
7.5°	98.5	98.5	89.4	77.4	61.3	52.3	50.2	41.2	35.2	31.1	27.1
10°	235.1	235.1	215.0	181.9	140.7	104.5	93.4	59.3	42.2	33.2	28.1
12.5°	390.9	395.9	370.8	328.6	267.3	204.0	181.9	108.5	56.3	36.2	28.1
15°	530.6	518.5	511.5	471.3	413.0	337.6	309.5	182.9	81.4	41.2	28.1
17.5°	625.0	625.0	615.0	587.8	534.6	468.3	445.1	295.4	131.6	47.2	29.1
20°	735.5	735.5	717.4	698.4	651.1	594.9	572.8	420.0	204.0	60.3	29.1
22.5°	869.2	871.2	851.1	816.9	771.7	709.4	690.3	535.6	295.4	80.4	30.1
25°	1032.0	1034.0	1004.8	972.7	903.3	836.0	806.9	668.2	407.0	112.5	30.1
27.5°	1211.8	1225.9	1182.7	1127.4	1054.1	969.7	947.6	787.8	517.5	158.8	32.2
30°	1435.9	1435.9	1378.6	1301.3	1221.9	1117.4	1089.2	913.4	635.1	220.1	34.2
32.5°	1628.8	1613.8	1540.4	1459.0	1374.6	1277.1	1247.0	1045.0	755.6	296.4	38.2
35°	1776.5	1763.5	1673.0	1585.6	1512.3	1422.8	1386.7	1187.7	883.2	382.8	44.2
37.5°	1903.2	1898.1	1775.5	1666.0	1617.8	1539.4	1507.2	1322.4	1008.9	476.3	51.2
40°	2041.8	2025.7	1895.1	1759.5	1687.1	1623.8	1594.7	1430.9	1129.4	585.8	61.3
42.5°	2160.4	2141.3	2023.7	1891.1	1767.5	1682.1	1654.0	1522.3	1247.0	695.3	74.4
45°	2292.0	2282.0	2163.4	2062.9	1898.1	1761.5	1724.3	1595.7	1354.5	826.0	91.4
47.5°	2490.0	2471.9	2361.4	2279.0	2088.0	1882.0	1828.8	1671.0	1458.0	954.6	117.6
50°	2720.1	2708.0	2642.7	2577.4	2387.5	2088.0	2024.7	1779.6	1573.6	1107.3	151.7
52.5°	2908.0	2906.0	2914.0	2915.0	2771.3	2434.7	2340.3	1954.4	1706.2	1258.0	200.0
55°	2904.0	2913.0	3001.4	3102.9	3114.0	2908.0	2816.5	2248.8	1879.0	1443.9	267.3
57.5°	2795.4	2788.4	2881.9	3034.6	3142.1	3164.2	3149.1	2706.0	2139.3	1668.0	370.8
58°	2760.3	2754.2	2842.7	2998.4	3122.0	3181.3	3166.2	2809.5	2197.6	1700.2	398.9
60°	2632.7	2633.7	2685.9	2827.6	2951.2	3091.9	3105.9	3104.9	2488.0	1915.2	540.6
62.5°	2463.8	2455.8	2504.0	2619.6	2728.1	2822.6	2846.7	3125.0	2913.0	2188.5	810.9
65°	2230.7	2218.7	2269.9	2400.5	2517.1	2578.4	2579.4	2855.7	3113.0	2481.9	1196.8
67.5°	1797.6	1787.6	1890.1	2057.9	2237.8	2318.1	2354.3	2477.9	2944.2	2680.9	1417.8
70°	1101.3	1122.4	1265.1	1528.3	1835.8	1983.5	2037.8	2076.0	2507.1	2650.7	1185.7
72.5°	508.4	483.3	604.9	788.8	1139.5	1468.1	1524.3	1674.0	1987.6	2301.1	884.3
75°	237.1	228.1	256.2	344.7	516.5	792.8	895.3	1336.4	1524.3	1600.7	638.1
77.5°	121.6	122.6	145.7	156.8	213.0	366.8	421.0	879.2	1117.4	893.3	428.1
80°	53.3	55.3	56.3	61.3	86.4	141.7	159.8	408.0	763.7	455.2	234.1
82.5°	34.2	35.2	35.2	35.2	41.2	56.3	64.3	163.8	380.8	226.1	72.3
85°	18.1	18.1	20.1	25.1	29.1	34.2	36.2	52.3	125.6	67.3	17.1
87.5°	10.0	11.1	12.1	15.1	19.1	23.1	25.1	36.2	48.2	46.2	4.0
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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CATALOG NUMBER: GALN-SA1A-760-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
2.5°	26.1	25.1	24.1	23.1	22.1	21.1	21.1	21.1	21.1	21.1	21.1
5°	25.1	24.1	23.1	21.1	19.1	18.1	17.1	16.1	16.1	16.1	16.1
7.5°	25.1	24.1	21.1	19.1	17.1	15.1	13.1	13.1	13.1	13.1	13.1
10°	25.1	23.1	20.1	17.1	14.1	12.1	11.1	10.0	10.0	10.0	10.0
12.5°	25.1	22.1	19.1	15.1	12.1	10.0	9.0	8.0	8.0	8.0	8.0
15°	25.1	22.1	18.1	14.1	11.1	8.0	7.0	6.0	6.0	6.0	6.0
17.5°	24.1	21.1	17.1	12.1	9.0	6.0	5.0	4.0	4.0	5.0	5.0
20°	23.1	20.1	15.1	10.0	7.0	5.0	3.0	3.0	3.0	3.0	3.0
22.5°	23.1	20.1	14.1	9.0	6.0	3.0	2.0	2.0	2.0	2.0	3.0
25°	23.1	19.1	12.1	7.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0
27.5°	23.1	19.1	11.1	6.0	3.0	2.0	1.0	0.0	0.0	0.0	0.0
30°	22.1	18.1	10.0	5.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
32.5°	22.1	17.1	8.0	4.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
35°	23.1	16.1	7.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
37.5°	24.1	15.1	6.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	25.1	14.1	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.1	14.1	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.1	14.1	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	33.2	15.1	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	36.2	16.1	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	40.2	15.1	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	45.2	15.1	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	49.2	14.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	51.2	13.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	61.3	12.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	95.5	10.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	193.9	9.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	361.7	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	404.9	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	255.2	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	134.6	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	67.3	7.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.1	5.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	13.1	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.0	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	3.0	2.0	2.0	1.0	1.0	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-760-U-5WQ

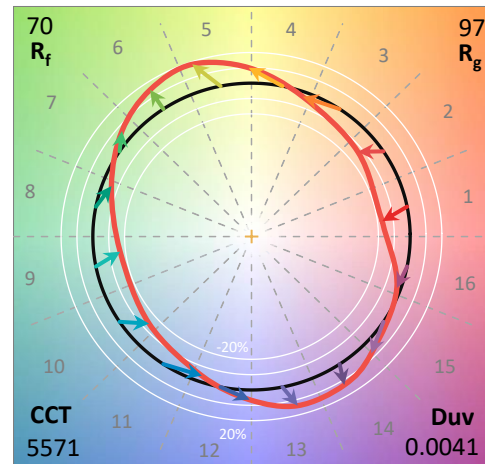
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

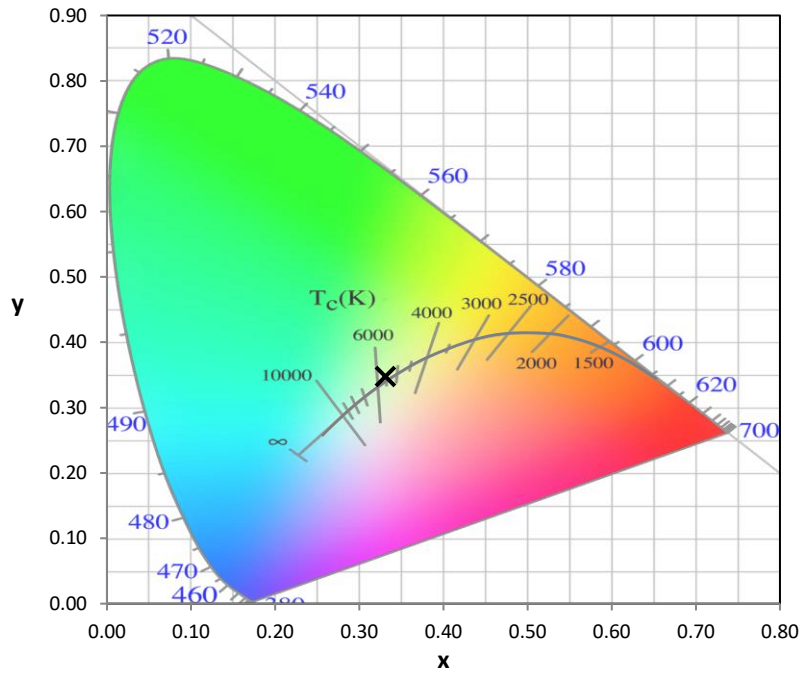
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

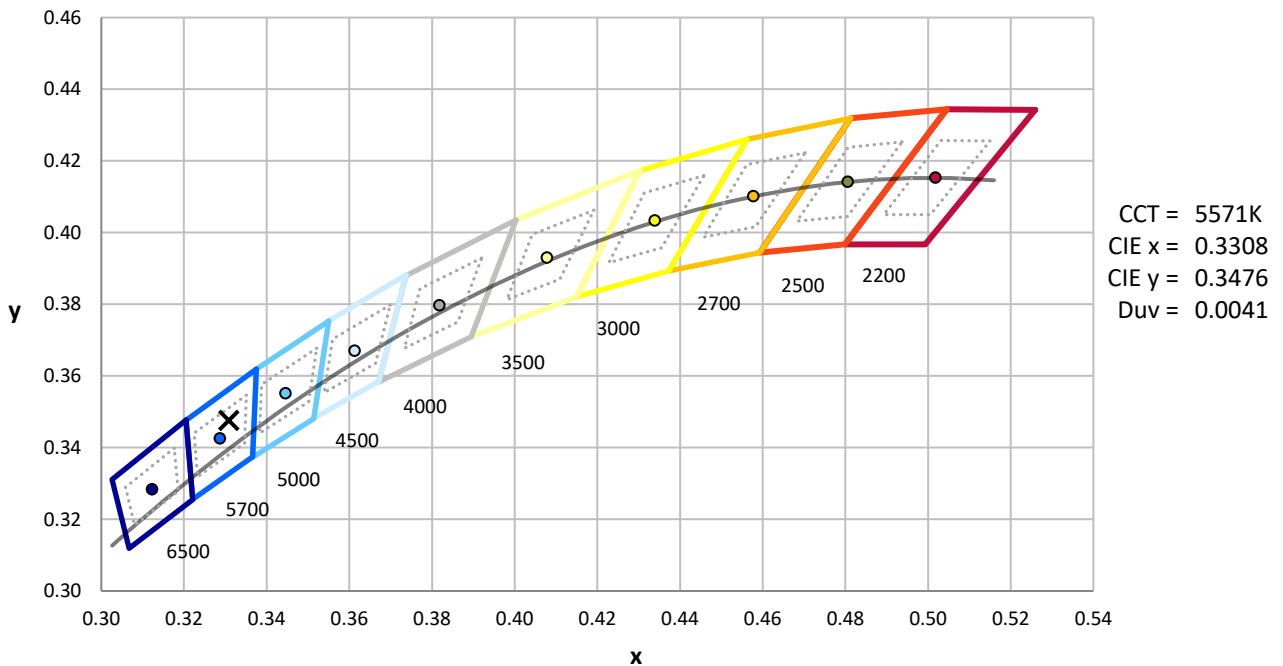
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



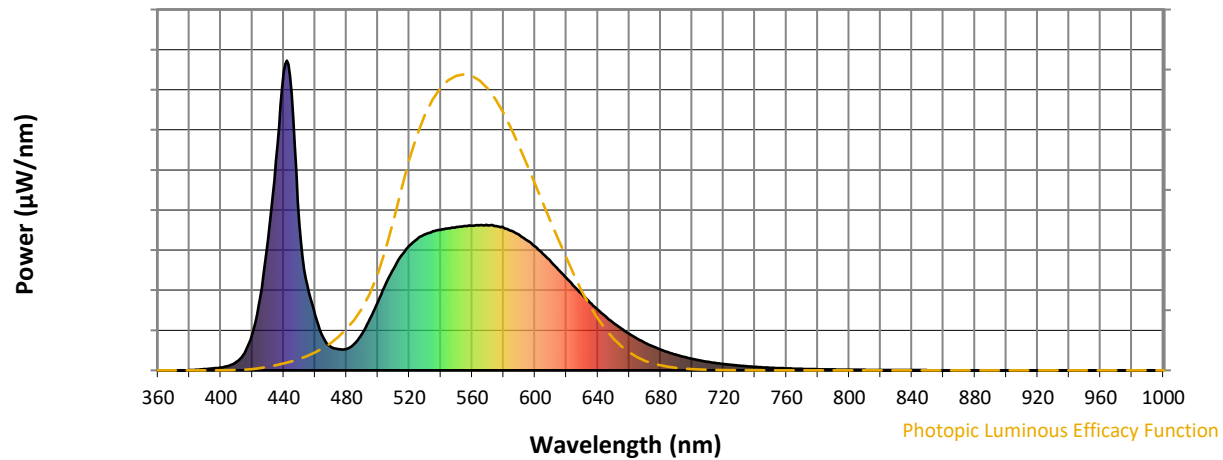
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

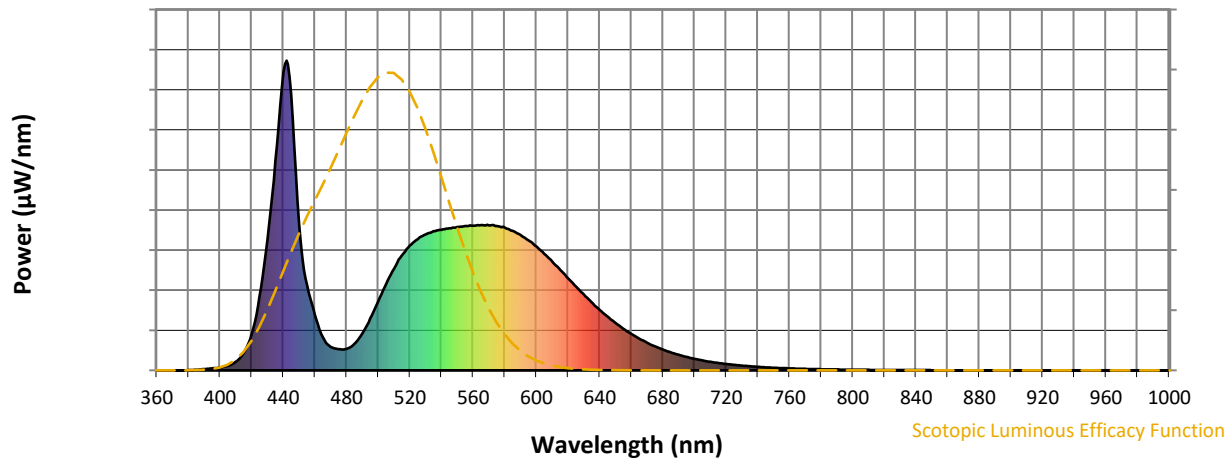


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-7

Scotopic Flux vs. Wavelength



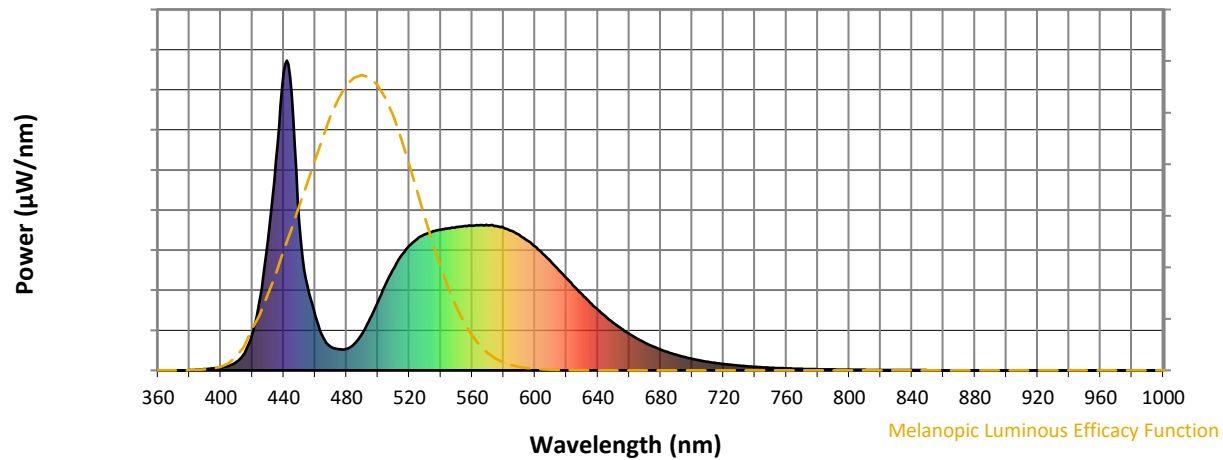
Scotopic Lumens: NR

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

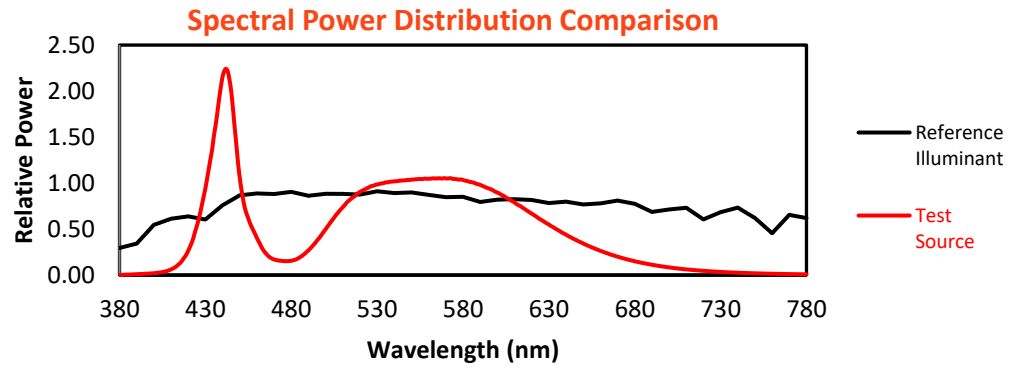
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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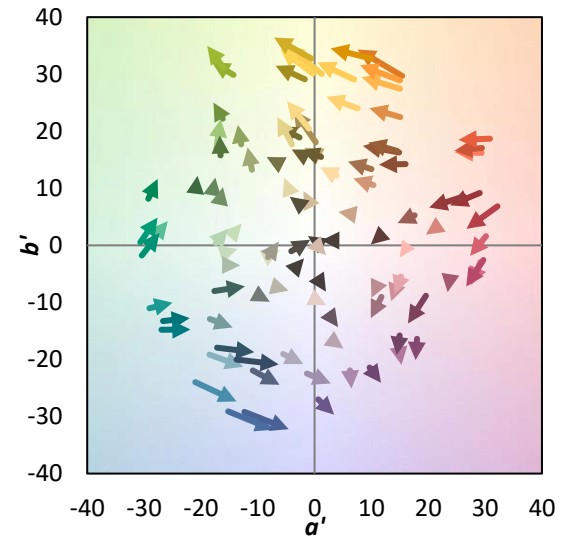
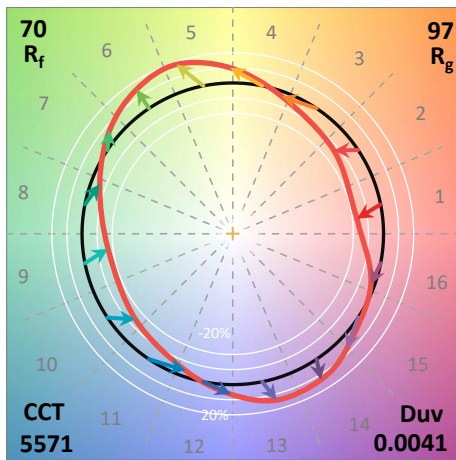
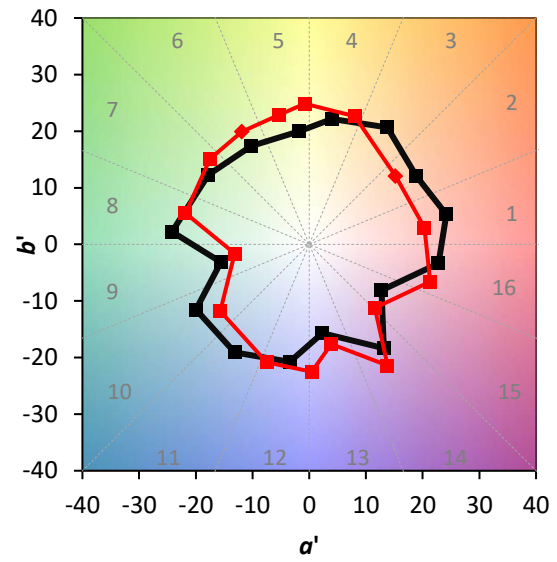
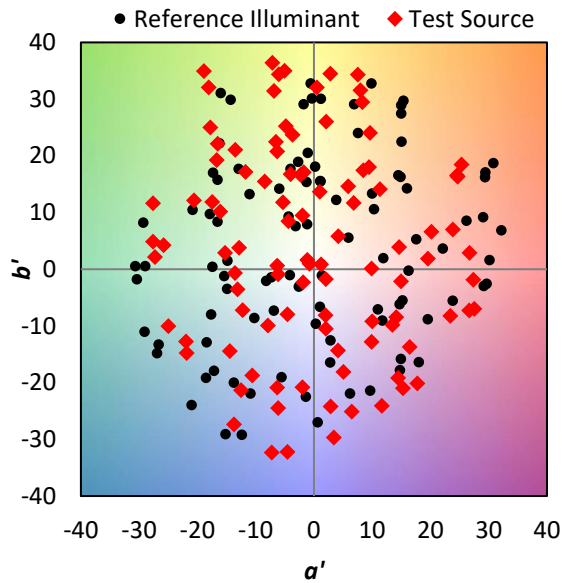
TM-30-18

Summary

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

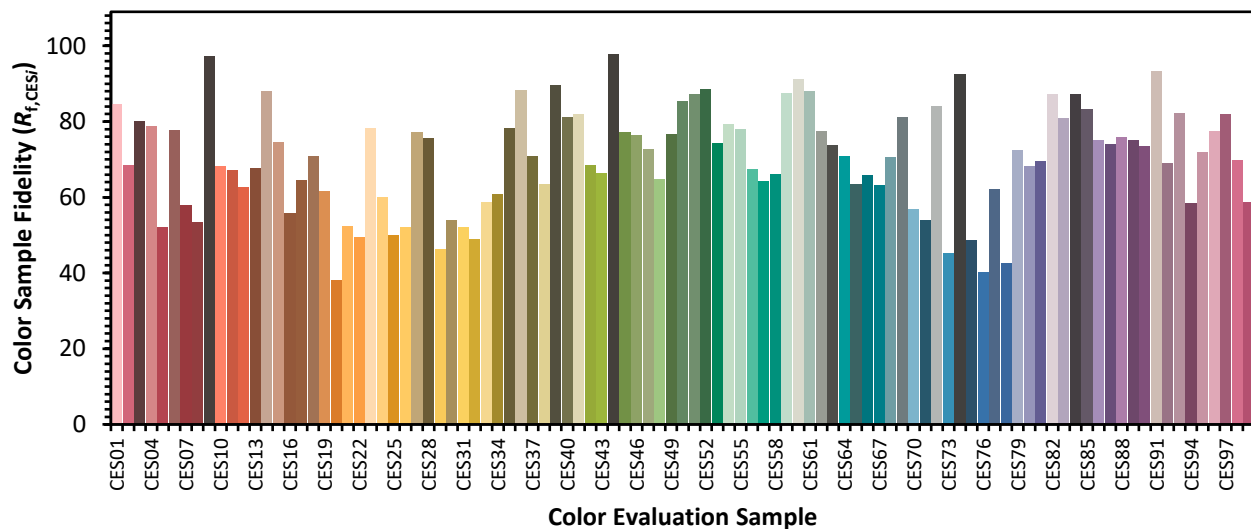


Color Vector Graphics

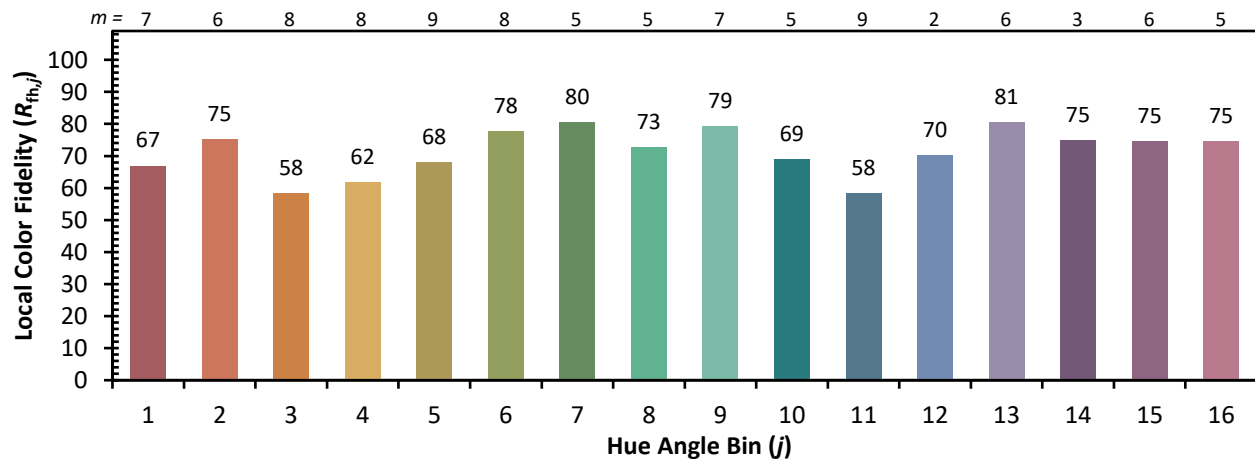
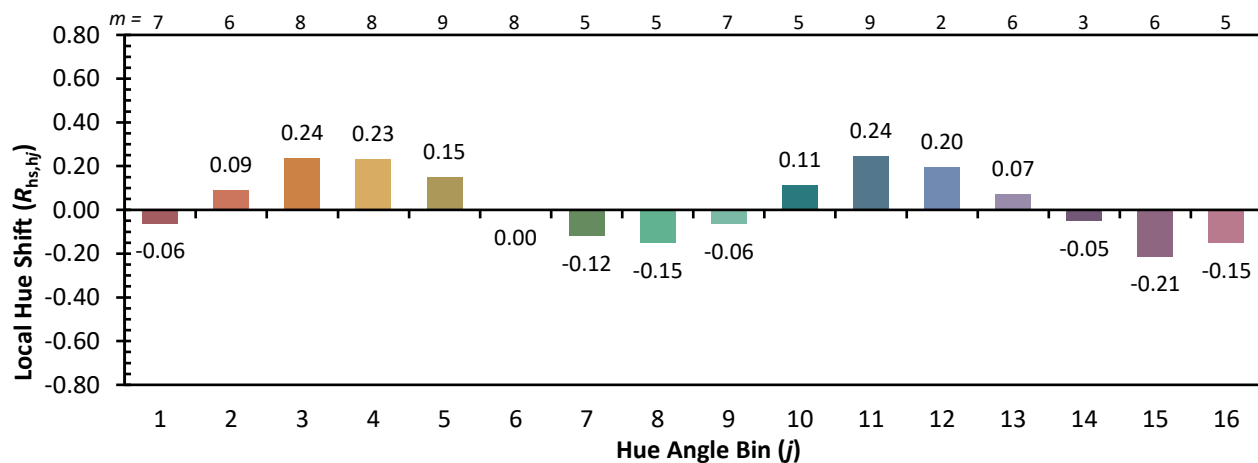
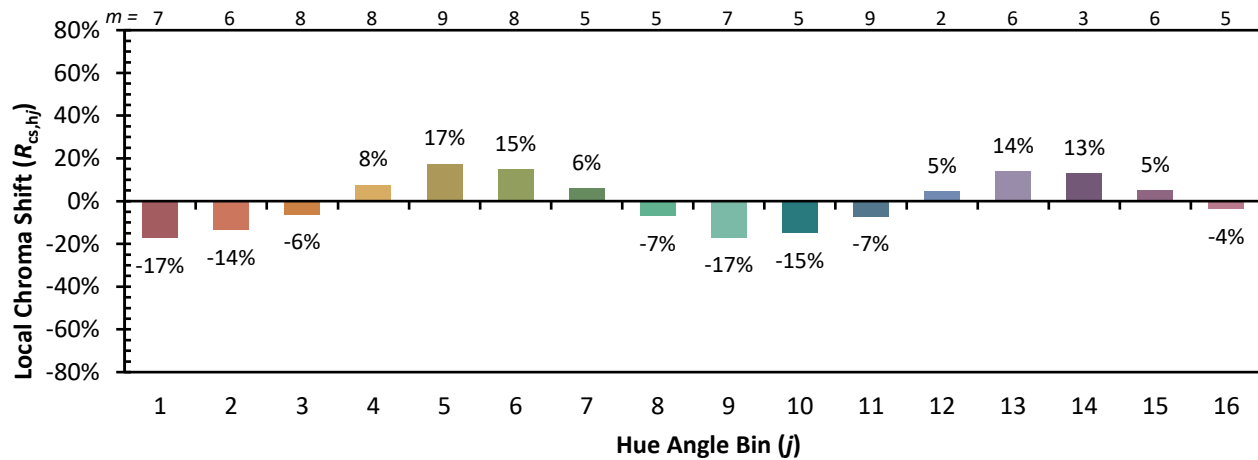


Individual Sample Fidelity Index ($R_{f,i}$)

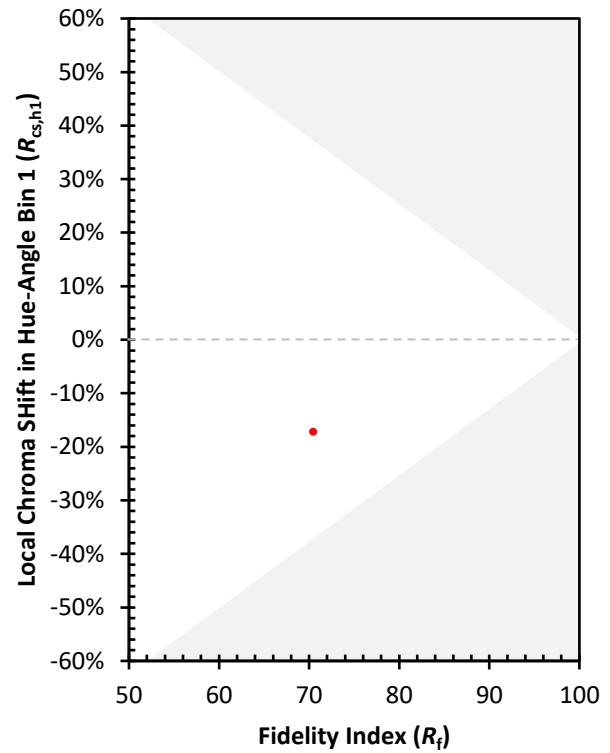
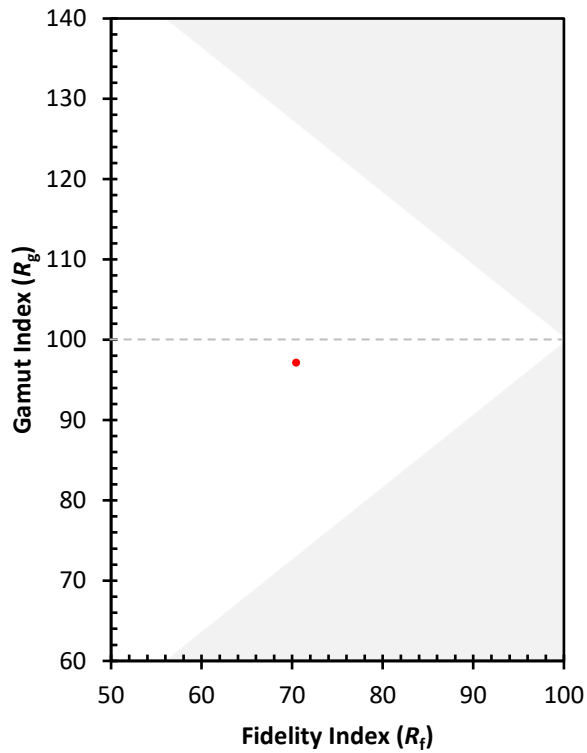
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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