

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: P1048481

Luminaire Tested: **GALN-SA8A-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048481
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29107.9 lumens
Efficiency: N/A
Efficacy: 133.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 217.6
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



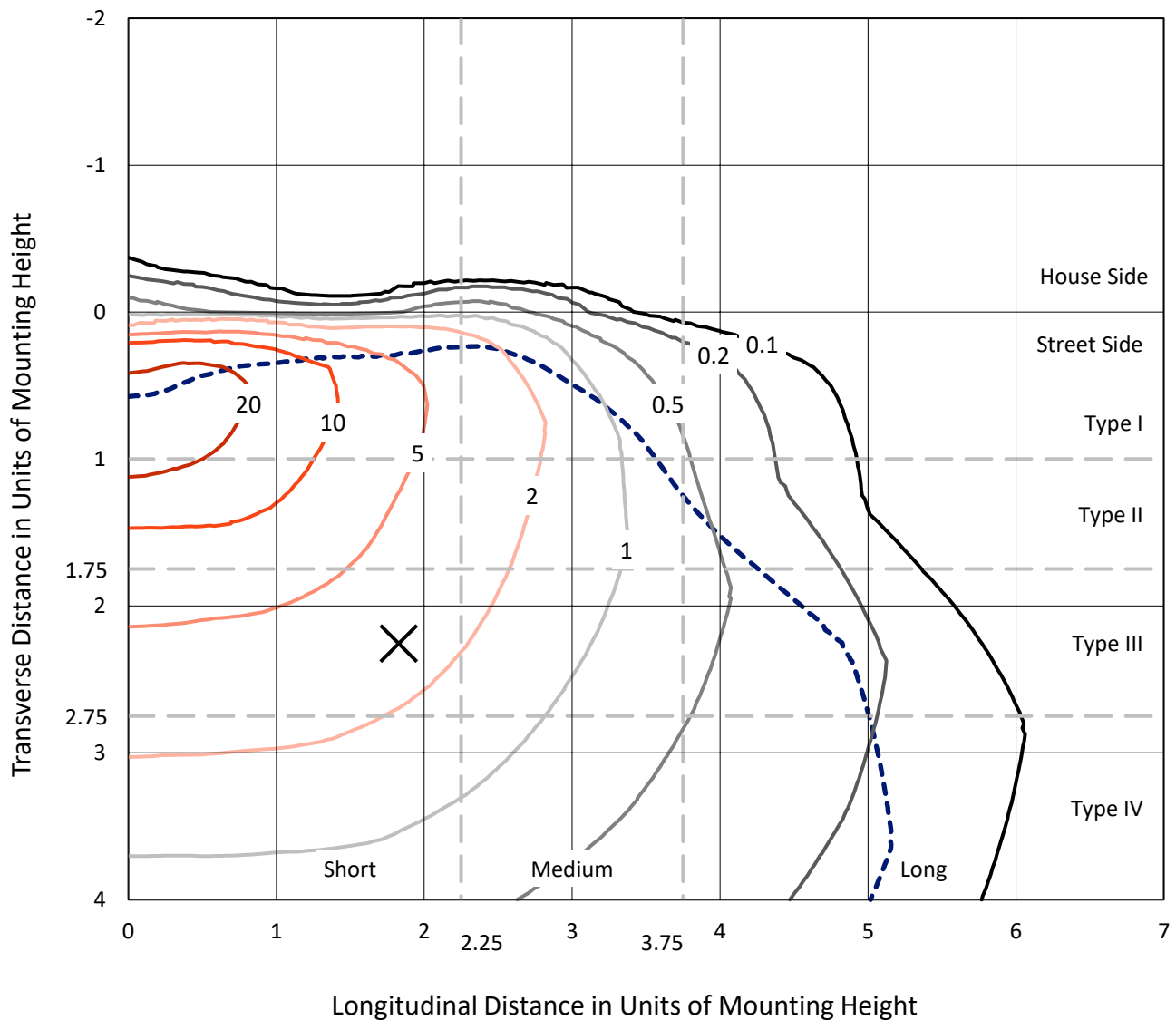
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Iso-Footcandle Lines of Horizontal Illumination

✗ Max cd

--- 1/2 Max cd

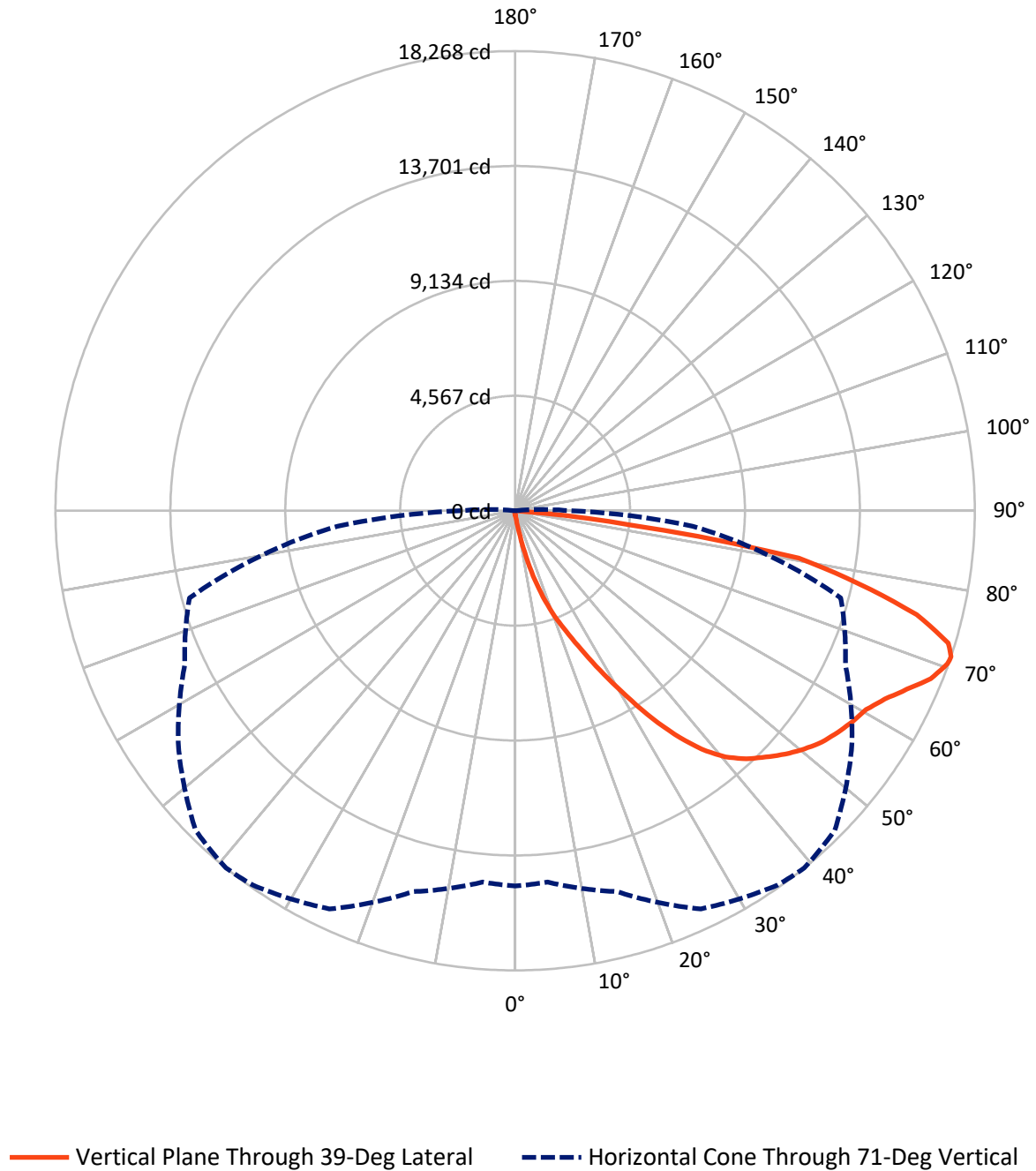


Based on 15 foot mounting height. Maximum calculated value = 29.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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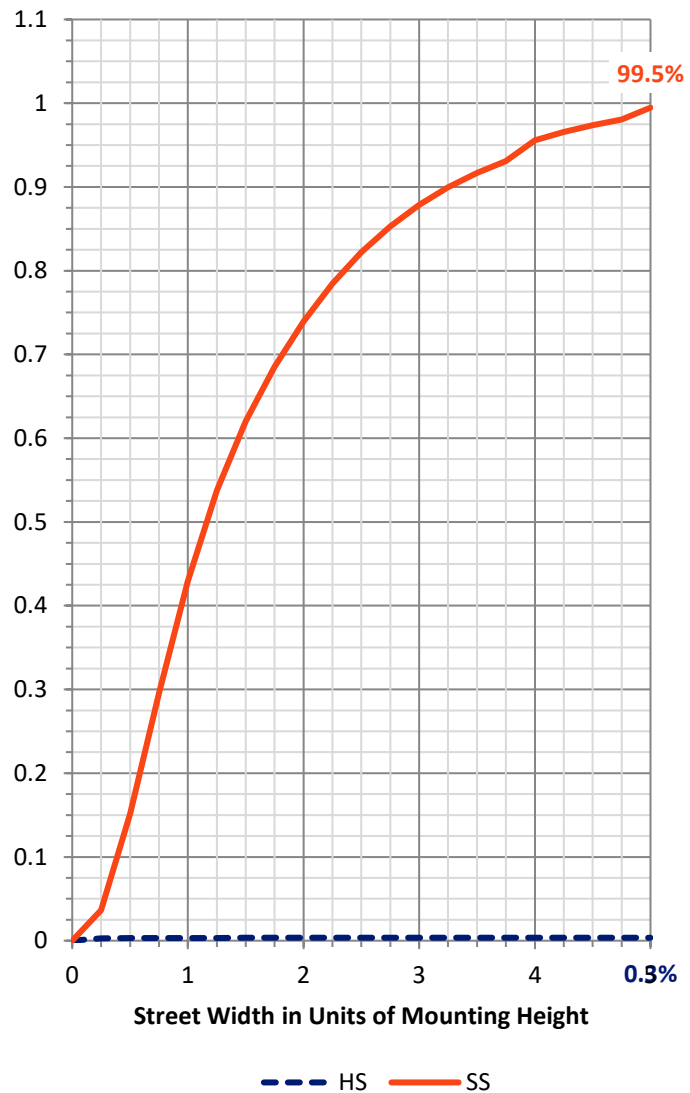
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	103.4	0.0	103.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29004.5	0.0	29004.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	29107.9	0.0	29107.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	0.1
10°-20°	311.1	1.1
20°-30°	1107.9	3.8
30°-40°	2670.2	9.2
40°-50°	4468.8	15.4
50°-60°	5739.6	19.7
60°-70°	7263.5	25.0
70°-80°	6475.7	22.2
80°-90°	1046.8	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°	29107.9	100.0
0°-180°	29107.9	100.0



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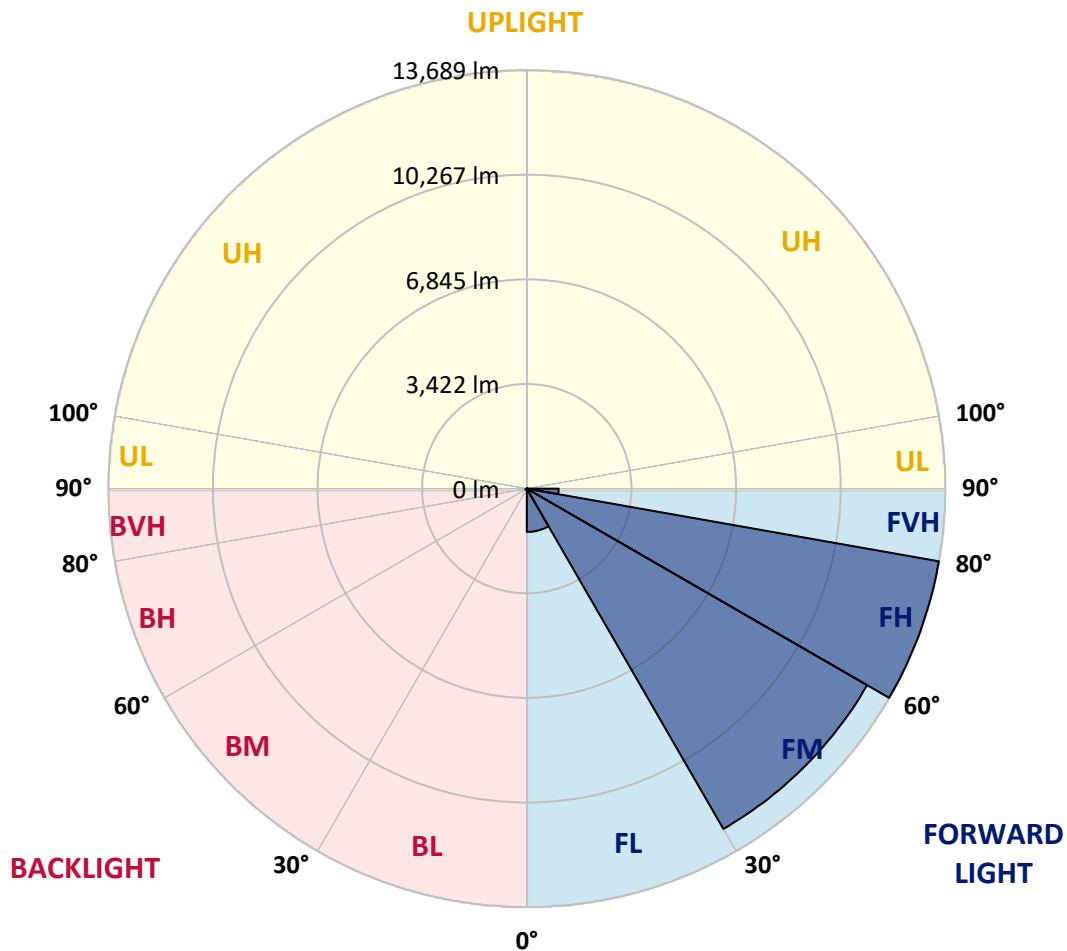
CATALOG NUMBER: GALN-SA8A-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1418.3	4.9			
FM	(30°-60°)	12854.6	44.2			
FH	(60°-80°)	13689.5	47.0			G5
FVH	(80°-90°)	1042.0	3.6			G5
BL	(0°-30°)	25.0	0.1	B0/110		
BM	(30°-60°)	23.9	0.1	B0/220		
BH	(60°-80°)	49.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6
2.5°	183.3	183.3	183.3	177.3	177.3	175.4	173.4	173.4	169.5	167.5	163.5
5°	277.8	271.9	258.1	250.2	234.5	224.6	214.8	201.0	187.2	177.3	165.5
7.5°	628.6	642.4	597.0	512.3	425.6	388.2	325.1	262.1	216.7	187.2	167.5
10°	1602.0	1594.1	1440.4	1270.9	981.3	865.0	677.8	427.6	279.8	204.9	169.5
12.5°	2725.1	2717.3	2536.0	2305.4	1923.2	1680.8	1326.1	798.0	402.0	232.5	169.5
15°	3669.0	3637.5	3580.3	3351.7	2904.4	2701.5	2232.5	1410.8	650.2	279.8	173.4
17.5°	4293.6	4266.0	4212.8	4130.1	3846.3	3605.9	3229.6	2216.8	1052.2	362.6	181.3
20°	4867.0	4847.3	4804.0	4788.2	4604.9	4476.9	4165.5	3142.9	1639.4	492.6	193.1
22.5°	5655.2	5613.8	5631.5	5537.0	5357.7	5204.0	5012.8	4112.3	2356.7	709.4	214.8
25°	6620.7	6601.0	6551.7	6484.8	6236.5	6102.5	5808.9	5026.6	3158.6	993.1	238.4
27.5°	7787.2	7765.5	7753.7	7600.0	7314.3	7168.5	6758.6	5889.7	4061.1	1391.1	270.0
30°	9131.1	9140.9	9064.1	8867.0	8534.0	8329.1	7907.4	6794.1	4985.2	1858.1	303.4
32.5°	10522.2	10502.5	10384.3	10151.8	9854.2	9663.1	9127.1	7785.2	5954.7	2474.9	342.9
35°	12021.7	11984.3	11672.9	11406.9	11152.7	10912.4	10423.7	8936.0	6924.2	3166.5	396.1
37.5°	13535.0	13359.6	12735.0	12398.1	12222.7	12025.7	11570.5	10163.6	7887.7	3938.9	461.1
40°	14677.9	14541.9	13801.0	13180.3	13040.4	12872.9	12534.0	11223.7	8912.3	4768.5	539.9
42.5°	15310.4	15235.5	14569.5	13956.7	13627.6	13479.8	13190.2	12149.8	9925.2	5684.7	654.2
45°	15580.3	15464.1	15018.8	14733.1	14208.9	13964.6	13619.7	12849.3	10983.3	6725.1	813.8
47.5°	15497.6	15430.6	15111.4	15215.8	14835.5	14455.2	13948.8	13385.3	11887.7	7919.2	1032.5
50°	14977.4	14920.2	14821.7	15387.2	15340.0	14890.7	14374.4	13808.9	12626.6	9150.8	1371.4
52.5°	13988.2	13964.6	14216.8	15253.3	15625.7	15274.9	14784.3	14183.3	13316.3	10437.5	1856.2
55°	12713.3	12809.9	13531.1	15044.4	15771.5	15558.7	15146.8	14534.0	13870.0	11588.2	2571.4
57.5°	12189.2	12214.8	13115.3	14896.6	15836.5	15808.9	15499.6	14869.0	14378.4	12508.4	3663.1
60°	12802.0	12762.6	13237.5	15008.9	15966.6	16033.6	15812.9	15180.3	14819.8	13298.6	5117.3
62.5°	13909.4	13887.7	14039.5	15487.7	16346.9	16482.8	16248.3	15405.0	15209.9	13818.8	6776.4
65°	14898.6	14853.3	15135.0	16337.0	17014.8	17111.4	16906.5	15789.2	15381.3	14197.1	8335.0
67.5°	15326.2	15316.3	15769.5	17144.9	17716.3	17820.7	17641.4	16319.3	15341.9	14317.3	9022.7
70°	15131.1	15093.6	15818.8	17487.7	18112.4	18230.6	18057.2	16516.3	14914.3	13937.0	8004.0
71°	14916.3	14815.8	15671.0	17464.1	18167.5	18268.0	17964.6	16337.0	14484.8	13397.1	7079.8
72.5°	14250.3	14268.0	15265.1	17217.8	18035.5	18006.0	17440.5	15694.6	13966.5	12171.5	5686.7
75°	12610.9	12715.3	13950.8	16183.3	16857.2	16480.8	15615.8	14467.0	12926.2	8727.1	3948.8
77.5°	10305.5	10461.1	11818.8	14193.2	14002.0	13964.6	13929.1	12746.8	11038.5	4687.7	2746.8
80°	4920.2	5257.2	7129.1	10132.1	11006.9	11430.6	11164.6	10272.0	8536.0	2232.5	1641.4
82.5°	321.2	317.2	449.3	851.2	3588.2	4638.4	7369.5	7341.9	5950.8	1087.7	670.0
85°	151.7	155.7	171.4	195.1	226.6	248.3	342.9	2009.9	2847.3	518.2	145.8
87.5°	88.7	90.6	106.4	136.0	177.3	197.0	234.5	301.5	370.4	285.7	31.5
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-SA8A-760-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6
2.5°	161.6	159.6	153.7	147.8	141.9	137.9	136.0	137.9	137.9	139.9	139.9
5°	161.6	155.7	145.8	134.0	126.1	118.2	114.3	112.3	114.3	114.3	114.3
7.5°	159.6	149.8	136.0	122.2	112.3	102.5	98.5	96.6	96.6	98.5	98.5
10°	155.7	145.8	128.1	112.3	100.5	88.7	82.8	76.8	76.8	76.8	78.8
12.5°	153.7	139.9	118.2	102.5	86.7	72.9	61.1	55.2	57.1	57.1	57.1
15°	149.8	134.0	112.3	92.6	72.9	55.2	45.3	39.4	41.4	43.3	41.4
17.5°	149.8	132.0	104.4	80.8	57.1	41.4	33.5	29.6	29.6	31.5	31.5
20°	149.8	128.1	98.5	69.0	43.3	31.5	23.6	21.7	21.7	25.6	27.6
22.5°	153.7	128.1	90.6	57.1	35.5	23.6	17.7	15.8	17.7	21.7	23.6
25°	159.6	126.1	82.8	51.2	29.6	17.7	13.8	9.9	11.8	15.8	17.7
27.5°	165.5	124.1	74.9	45.3	23.6	13.8	9.9	7.9	5.9	7.9	7.9
30°	171.4	124.1	67.0	37.4	19.7	9.9	5.9	3.9	2.0	0.0	0.0
32.5°	175.4	120.2	61.1	29.6	15.8	7.9	3.9	2.0	0.0	0.0	0.0
35°	179.3	116.3	53.2	23.6	11.8	5.9	2.0	0.0	0.0	0.0	0.0
37.5°	183.3	110.3	45.3	19.7	9.9	3.9	0.0	0.0	0.0	0.0	0.0
40°	187.2	102.5	37.4	17.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	191.1	96.6	31.5	13.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	201.0	92.6	25.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	218.7	88.7	23.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	244.3	84.7	21.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	279.8	82.8	19.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	342.9	80.8	17.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	451.2	78.8	17.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	691.6	74.9	17.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1235.5	72.9	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2153.7	74.9	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3087.7	78.8	13.8	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2642.4	69.0	13.8	7.9	3.9	2.0	0.0	0.0	0.0	0.0	0.0
71°	2153.7	61.1	13.8	7.9	3.9	2.0	2.0	0.0	0.0	0.0	0.0
72.5°	1385.2	47.3	11.8	7.9	3.9	3.9	2.0	0.0	0.0	0.0	0.0
75°	585.2	39.4	11.8	7.9	5.9	3.9	3.9	2.0	0.0	0.0	0.0
77.5°	250.2	29.6	11.8	9.9	7.9	5.9	5.9	3.9	2.0	0.0	0.0
80°	94.6	23.6	13.8	11.8	9.9	9.9	7.9	3.9	2.0	0.0	0.0
82.5°	43.3	19.7	13.8	11.8	11.8	9.9	7.9	5.9	3.9	0.0	0.0
85°	27.6	17.7	13.8	11.8	11.8	9.9	9.9	5.9	3.9	0.0	0.0
87.5°	21.7	17.7	13.8	13.8	11.8	11.8	7.9	5.9	2.0	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

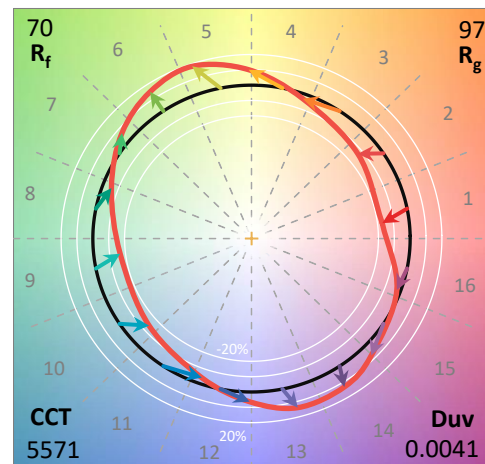
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

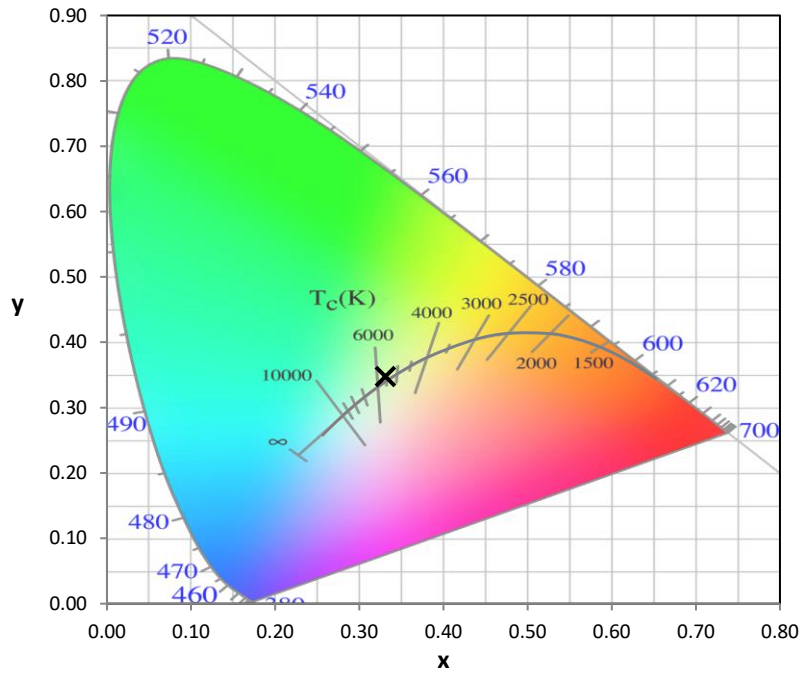
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

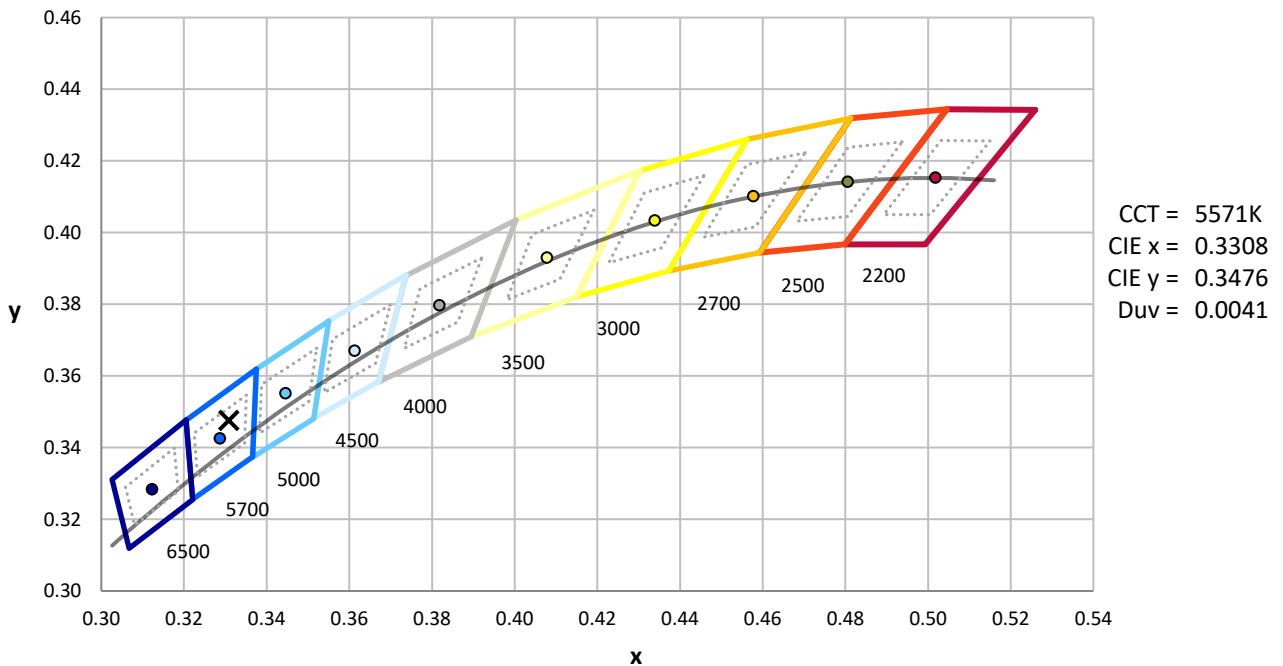
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



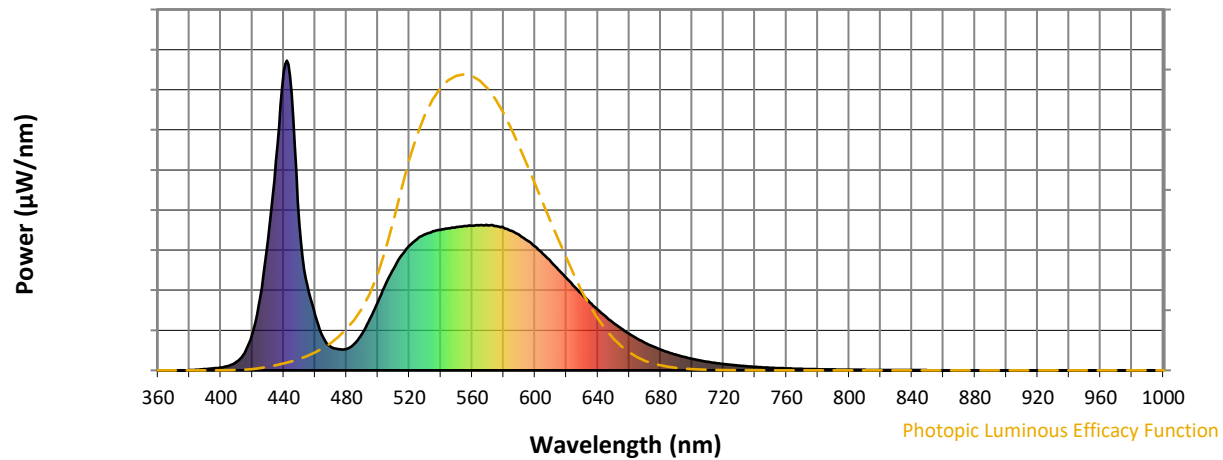
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

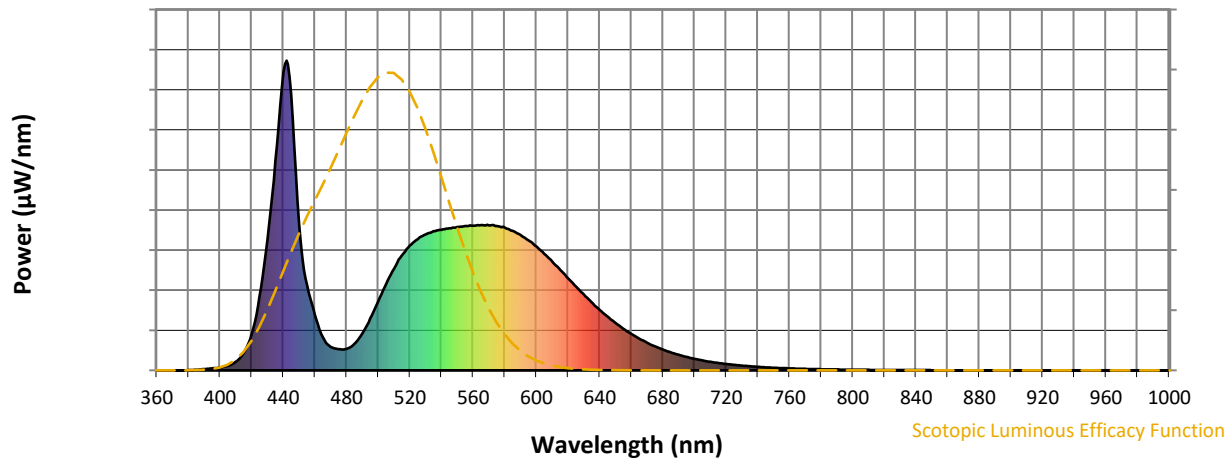


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



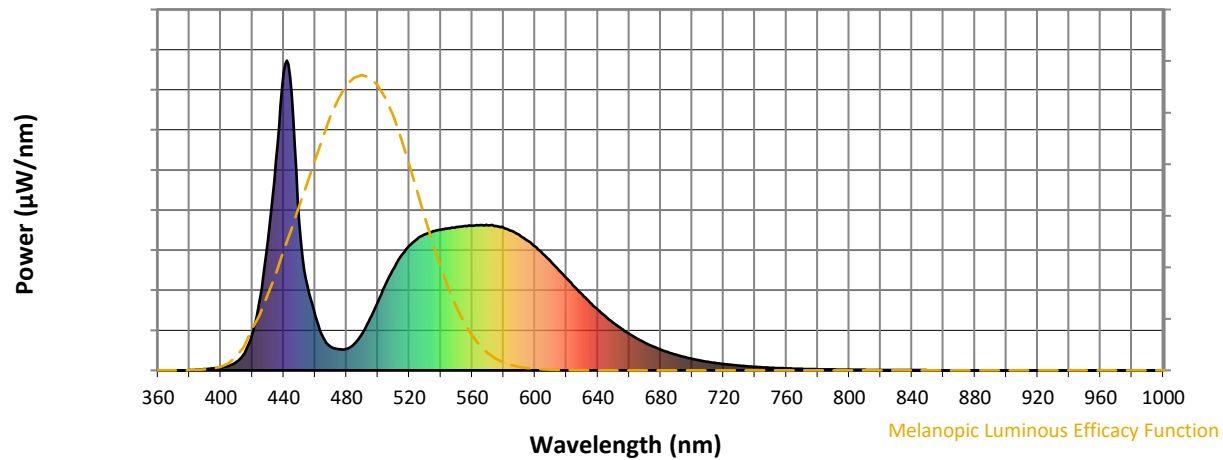
Scotopic Lumens: NR

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

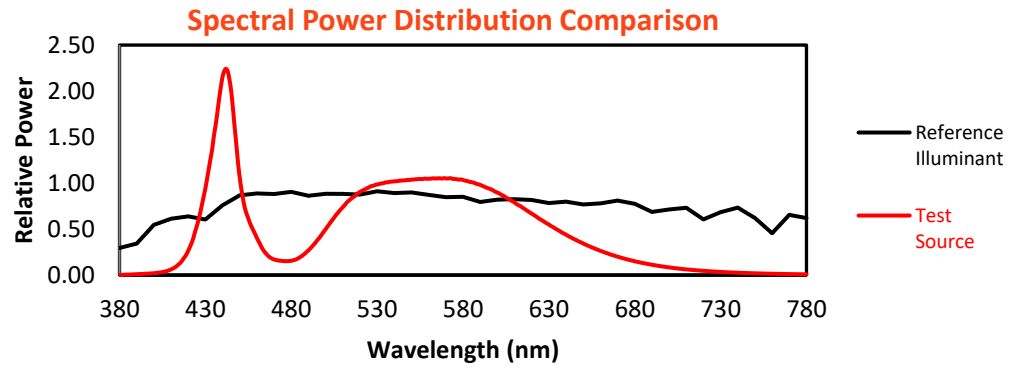
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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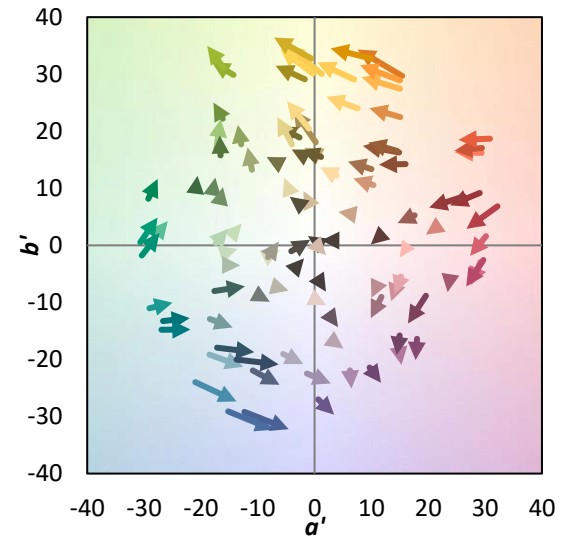
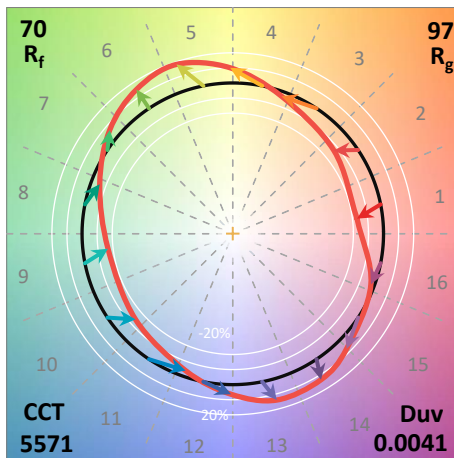
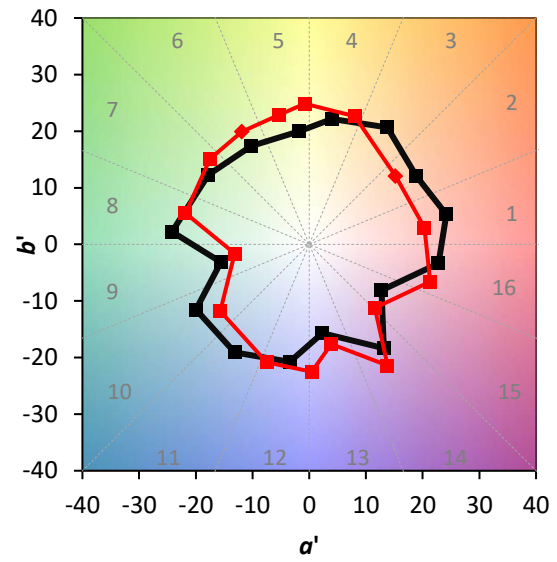
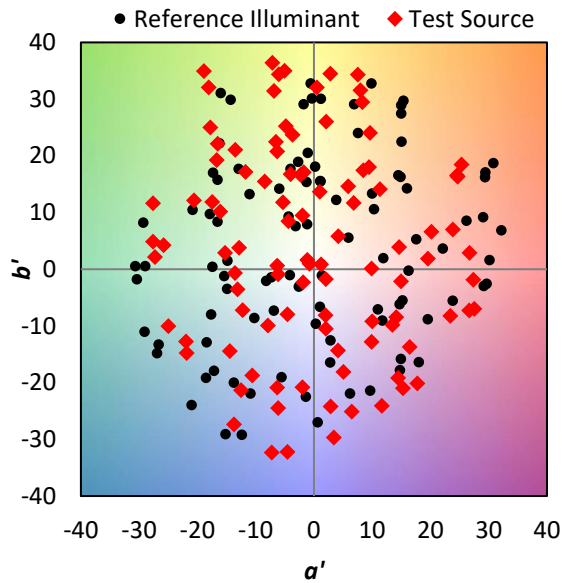
TM-30-18

Summary

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

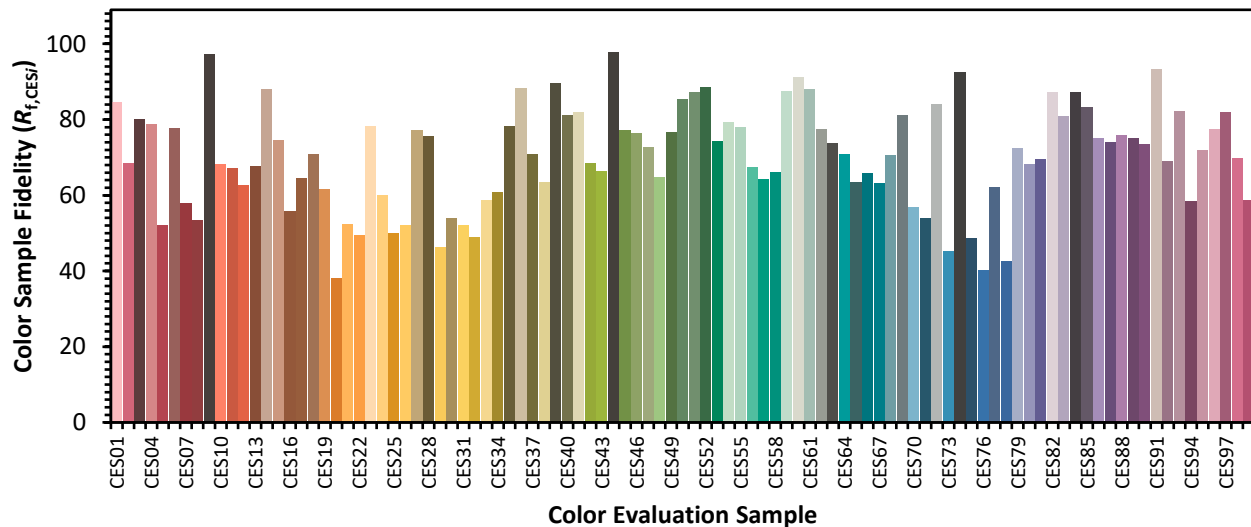


Color Vector Graphics

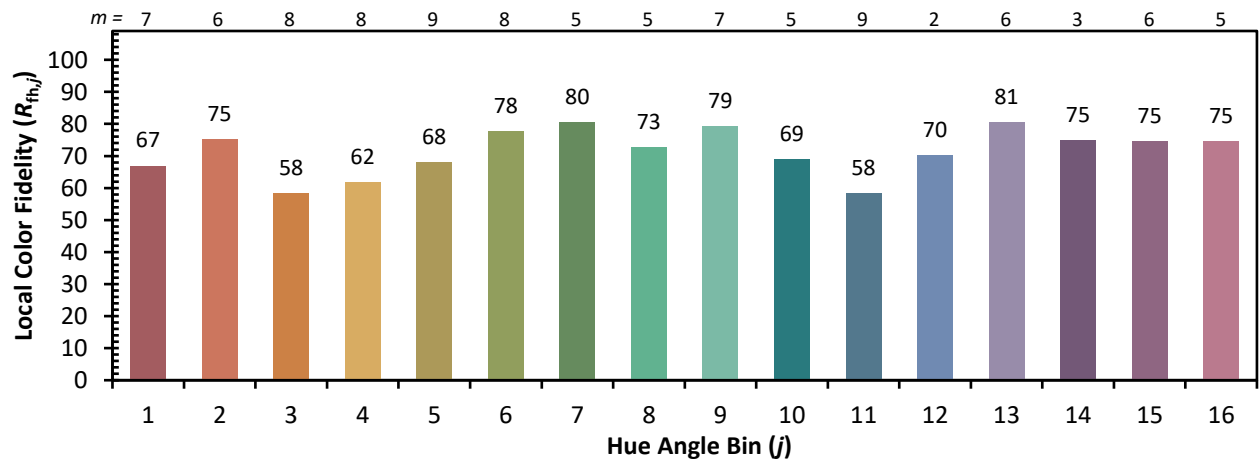
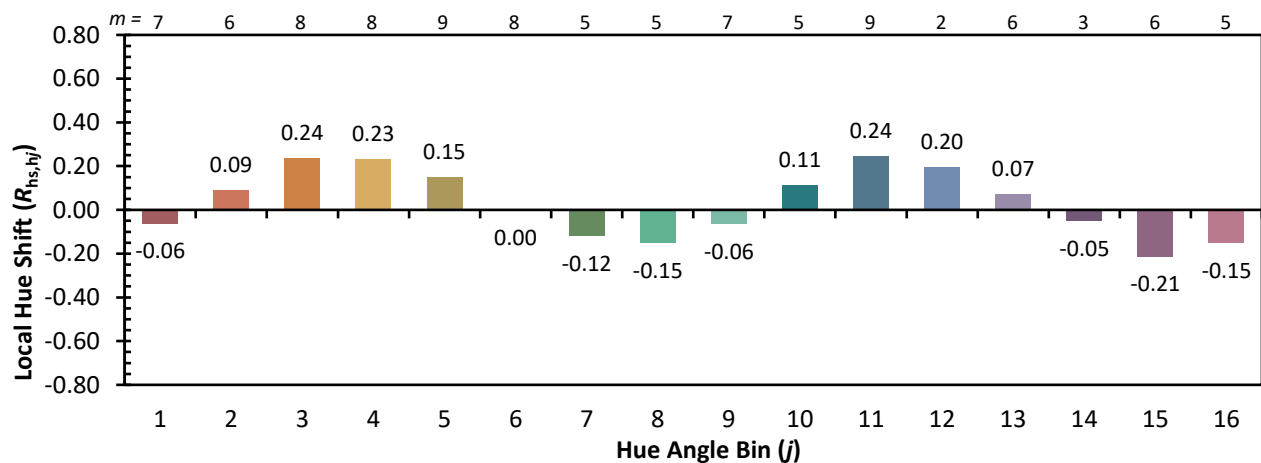
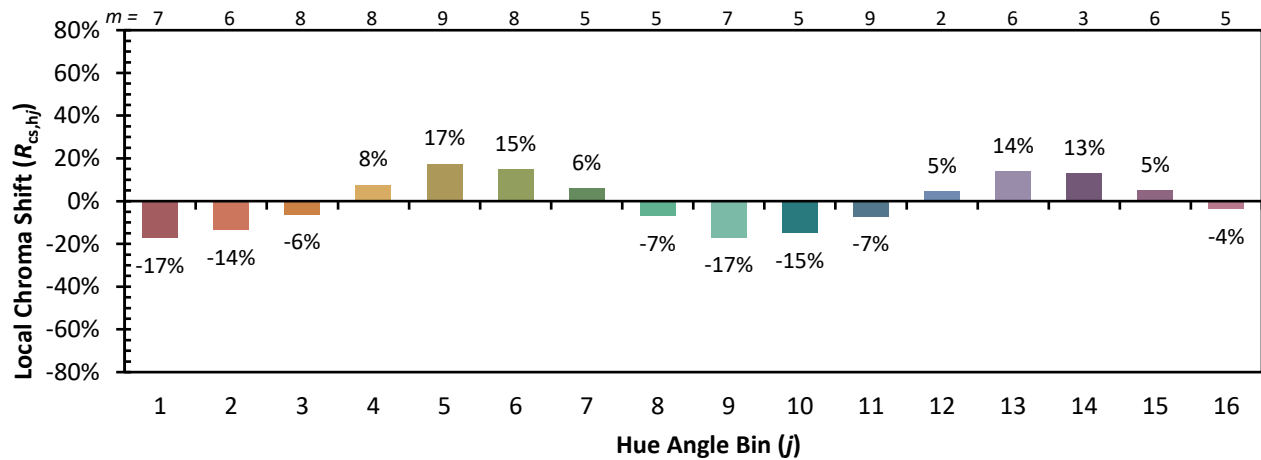


Individual Sample Fidelity Index ($R_{f,i}$)

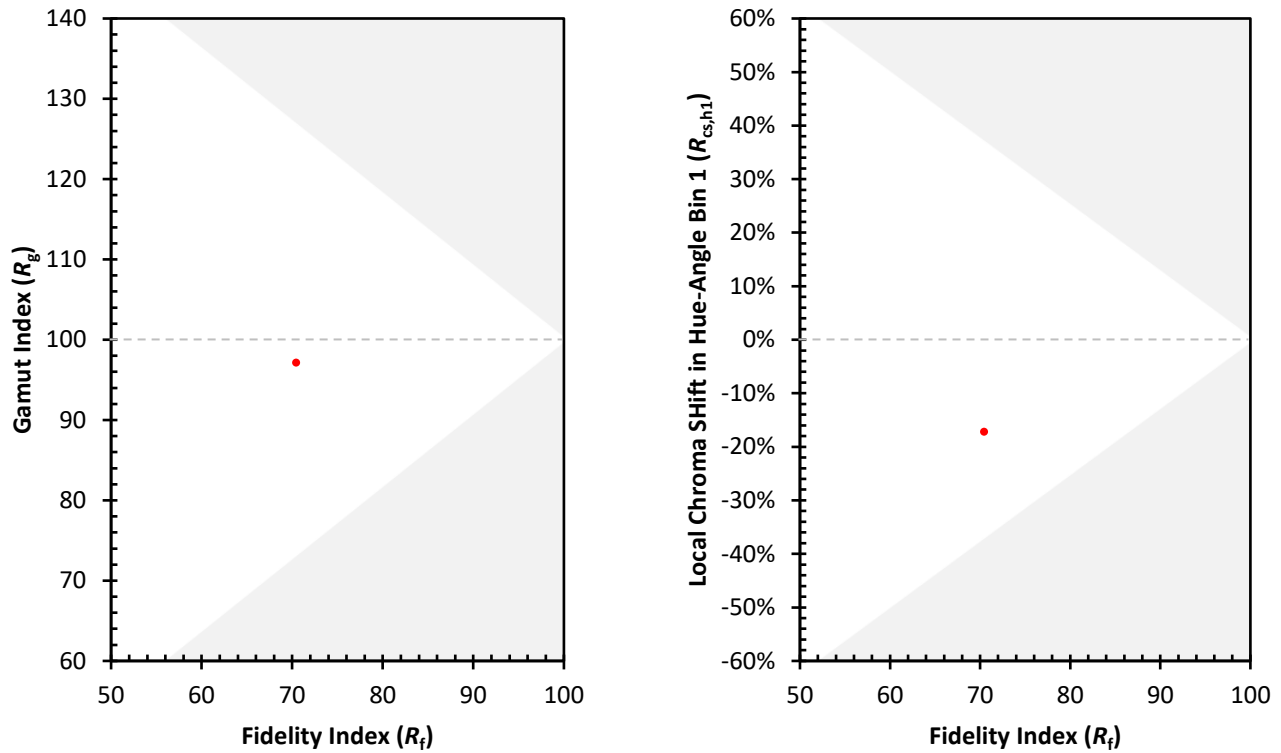
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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