

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: P1048482

Luminaire Tested: **GALN-SA8B-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048482
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 36394.6 lumens
Efficiency: N/A
Efficacy: 128.7 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): 282.8
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

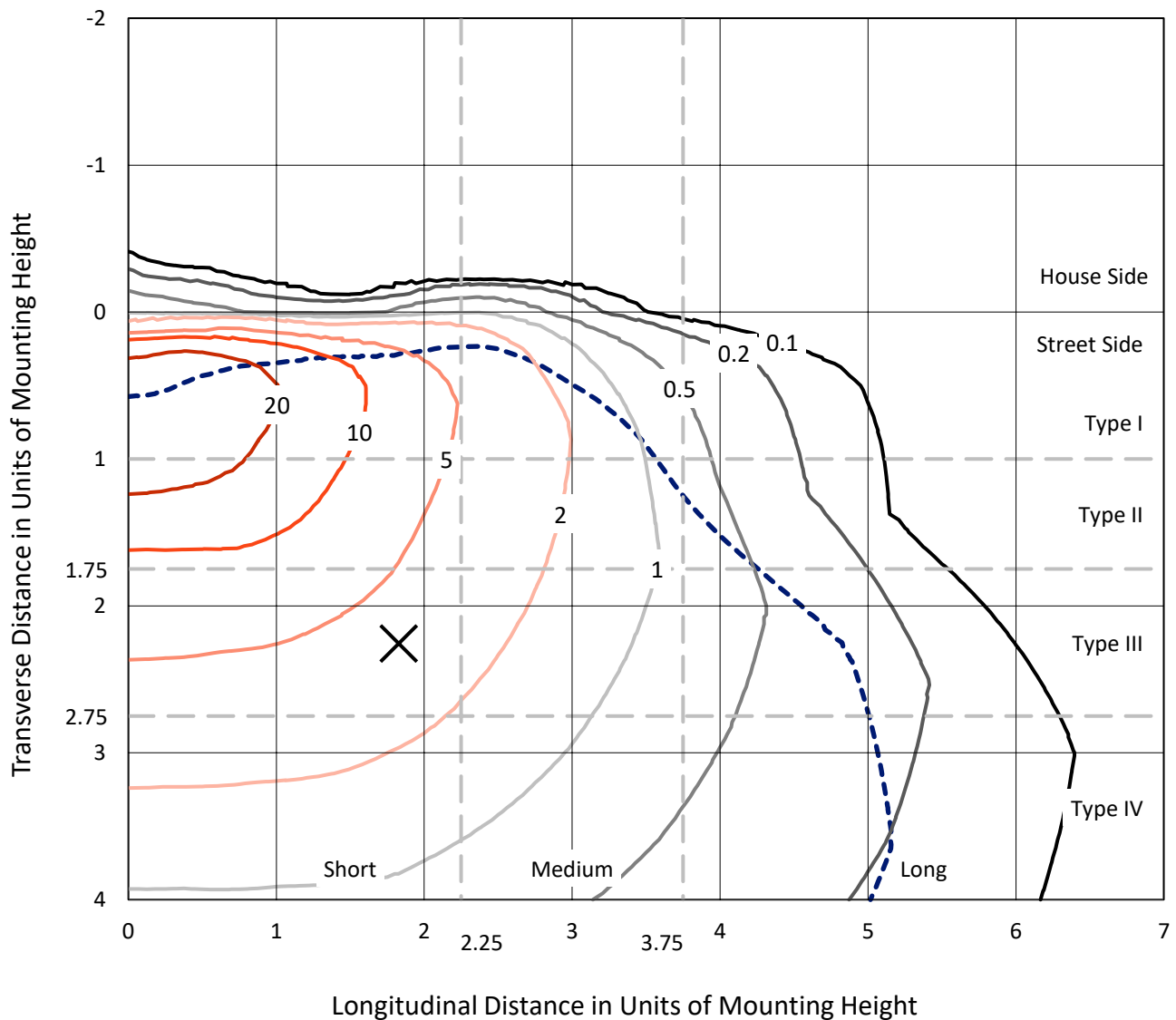


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

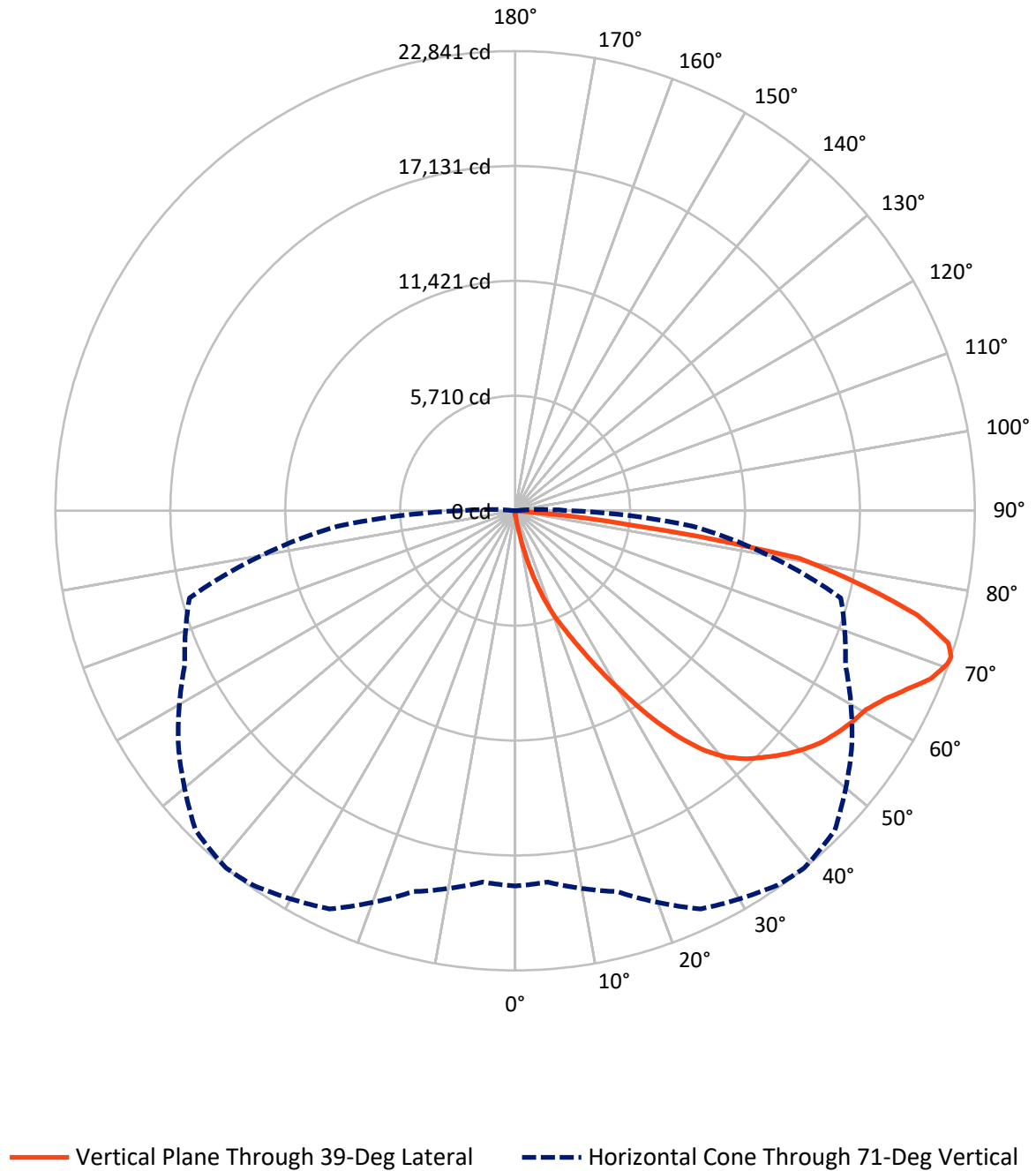


Based on 15 foot mounting height. Maximum calculated value = 37.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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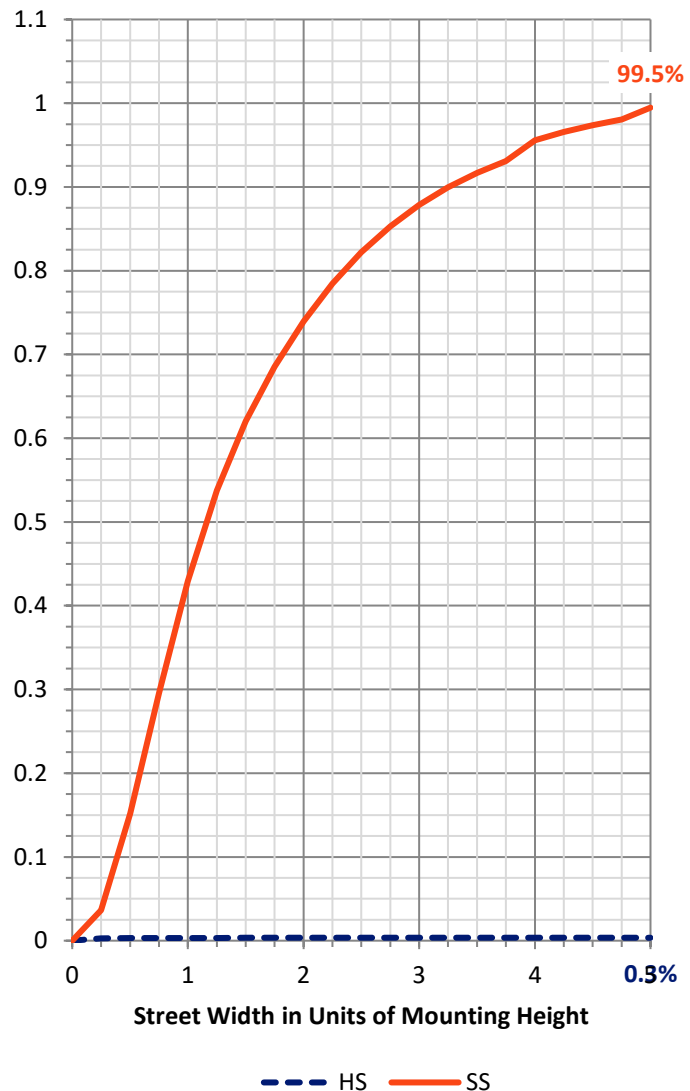
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	129.3	0.0	129.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36265.3	0.0	36265.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	36394.6	0.0	36394.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	0.1
10°-20°	389.0	1.1
20°-30°	1385.3	3.8
30°-40°	3338.6	9.2
40°-50°	5587.5	15.4
50°-60°	7176.4	19.7
60°-70°	9081.8	25.0
70°-80°	8096.8	22.2
80°-90°	1308.8	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°	36394.6	100.0
0°-180°	36394.6	100.0



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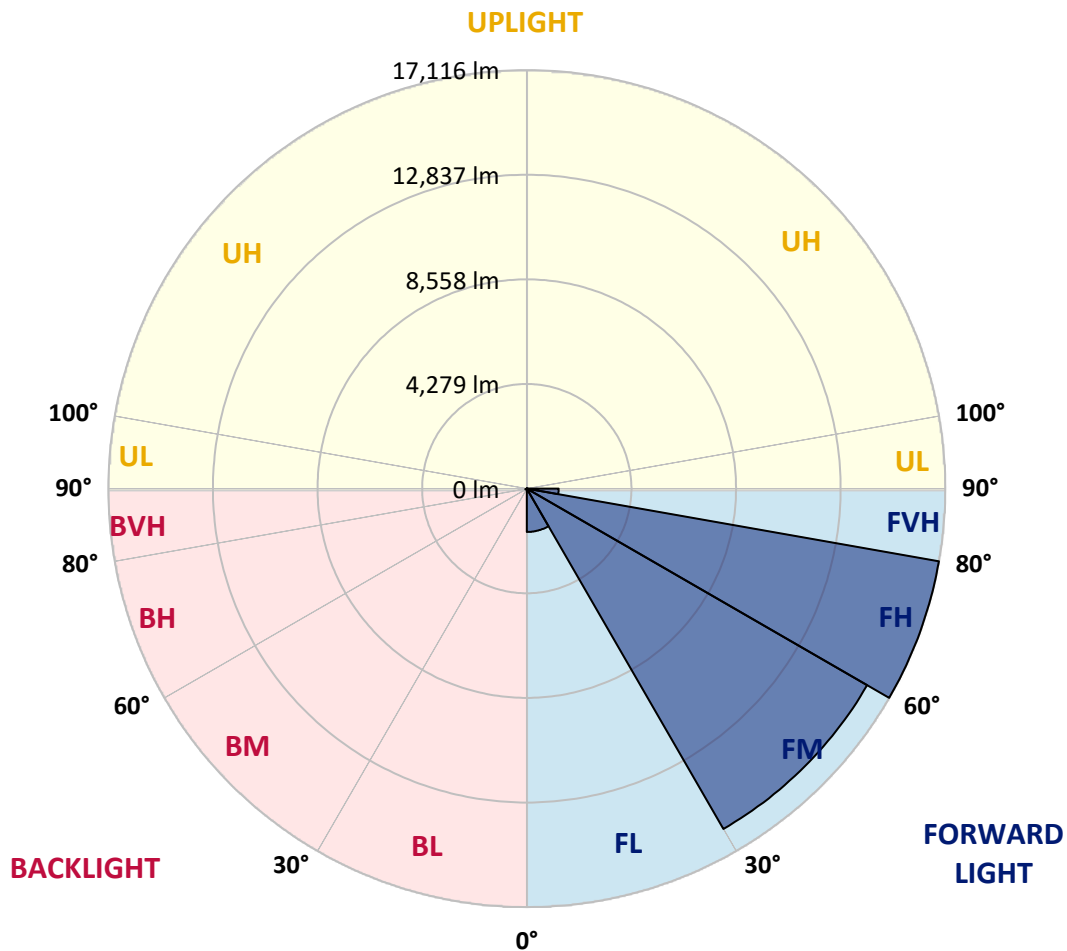
CATALOG NUMBER: GALN-SA8B-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1773.4	4.9			
FM	(30°-60°)	16072.6	44.2			
FH	(60°-80°)	17116.4	47.0			G5
FVH	(80°-90°)	1302.9	3.6			G5
BL	(0°-30°)	31.3	0.1	B0/110		
BM	(30°-60°)	29.9	0.1	B0/220		
BH	(60°-80°)	62.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.9	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6
2.5°	229.1	229.1	229.1	221.7	221.7	219.3	216.8	216.8	211.9	209.4	204.5
5°	347.4	340.0	322.7	312.9	293.2	280.9	268.5	251.3	234.1	221.7	207.0
7.5°	785.9	803.2	746.5	640.6	532.2	485.4	406.5	327.7	271.0	234.1	209.4
10°	2003.0	1993.1	1801.0	1589.1	1226.9	1081.6	847.5	534.6	349.8	256.2	211.9
12.5°	3407.3	3397.5	3170.8	2882.6	2404.6	2101.6	1658.1	997.8	502.6	290.7	211.9
15°	4587.4	4548.0	4476.6	4190.8	3631.5	3377.8	2791.4	1764.0	813.0	349.8	216.8
17.5°	5368.4	5334.0	5267.4	5164.0	4809.2	4508.6	4038.0	2771.7	1315.6	453.3	226.7
20°	6085.4	6060.8	6006.5	5986.8	5757.7	5597.6	5208.3	3929.6	2049.8	615.9	241.4
22.5°	7070.9	7019.1	7041.3	6923.1	6698.9	6506.7	6267.7	5141.8	2946.6	886.9	268.5
25°	8278.1	8253.5	8191.9	8108.1	7797.7	7630.1	7263.0	6284.9	3949.3	1241.7	298.1
27.5°	9736.6	9709.5	9694.7	9502.6	9145.3	8963.0	8450.6	7364.1	5077.7	1739.4	337.5
30°	11416.9	11429.2	11333.1	11086.7	10670.4	10414.1	9886.9	8494.9	6233.2	2323.3	379.4
32.5°	13156.3	13131.6	12983.8	12693.1	12321.1	12082.1	11412.0	9734.2	7445.4	3094.4	428.7
35°	15031.2	14984.3	14595.1	14262.5	13944.7	13644.1	13033.1	11173.0	8657.5	3959.2	495.2
37.5°	16923.3	16704.0	15923.0	15501.7	15282.5	15036.1	14467.0	12707.9	9862.3	4925.0	576.5
40°	18352.3	18182.3	17255.9	16479.8	16304.9	16095.5	15671.7	14033.3	11143.4	5962.2	675.1
42.5°	19143.1	19049.5	18216.7	17450.5	17039.1	16854.3	16492.1	15191.3	12409.8	7107.8	818.0
45°	19480.6	19335.3	18778.5	18421.2	17765.9	17460.4	17029.2	16065.9	13732.8	8408.7	1017.5
47.5°	19377.2	19293.4	18894.3	19024.8	18549.3	18073.8	17440.7	16736.1	14863.6	9901.7	1291.0
50°	18726.7	18655.3	18532.1	19239.2	19180.1	18618.3	17972.8	17265.7	15787.5	11441.5	1714.7
52.5°	17489.9	17460.4	17775.7	19071.7	19537.3	19098.8	18485.3	17733.9	16649.8	13050.3	2320.8
55°	15895.9	16016.6	16918.4	18810.5	19719.6	19453.5	18938.6	18172.4	17342.1	14489.1	3215.2
57.5°	15240.6	15272.6	16398.5	18625.7	19800.9	19766.4	19379.6	18591.2	17977.8	15639.7	4580.1
60°	16006.8	15957.5	16551.3	18766.2	19963.5	20047.3	19771.4	18980.5	18529.6	16627.6	6398.3
62.5°	17391.4	17364.3	17554.0	19364.8	20439.0	20609.0	20315.8	19261.4	19017.5	17278.1	8472.7
65°	18628.2	18571.5	18923.8	20426.7	21274.2	21394.9	21138.7	19741.8	19231.8	17751.1	10421.5
67.5°	19162.8	19150.5	19717.2	21436.8	22151.3	22281.9	22057.7	20404.5	19182.5	17901.4	11281.4
70°	18918.9	18872.1	19778.7	21865.5	22646.5	22794.3	22577.5	20650.9	18647.9	17425.9	10007.6
71°	18650.4	18524.7	19594.0	21836.0	22715.5	22841.1	22461.7	20426.7	18110.8	16750.8	8852.1
72.5°	17817.6	17839.8	19086.4	21528.0	22550.4	22513.5	21806.4	19623.5	17462.8	15218.4	7110.3
75°	15767.8	15898.4	17443.1	20234.5	21077.1	20606.6	19525.0	18088.6	16162.0	10911.8	4937.3
77.5°	12885.3	13079.9	14777.4	17746.2	17507.2	17460.4	17416.0	15937.8	13801.8	5861.2	3434.4
80°	6151.9	6573.2	8913.7	12668.4	13762.3	14292.0	13959.4	12843.4	10672.8	2791.4	2052.3
82.5°	401.6	396.7	561.7	1064.3	4486.4	5799.6	9214.3	9179.8	7440.4	1360.0	837.7
85°	189.7	194.6	214.3	243.9	283.3	310.4	428.7	2513.0	3560.1	648.0	182.3
87.5°	110.9	113.3	133.0	170.0	221.7	246.4	293.2	376.9	463.2	357.2	39.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048482

CATALOG NUMBER: GALN-SA8B-760-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6	199.6
2.5°	202.0	199.6	192.2	184.8	177.4	172.5	170.0	172.5	172.5	174.9	174.9
5°	202.0	194.6	182.3	167.5	157.7	147.8	142.9	140.4	142.9	142.9	142.9
7.5°	199.6	187.2	170.0	152.8	140.4	128.1	123.2	120.7	120.7	123.2	123.2
10°	194.6	182.3	160.1	140.4	125.6	110.9	103.5	96.1	96.1	96.1	98.5
12.5°	192.2	174.9	147.8	128.1	108.4	91.2	76.4	69.0	71.4	71.4	71.4
15°	187.2	167.5	140.4	115.8	91.2	69.0	56.7	49.3	51.7	54.2	51.7
17.5°	187.2	165.1	130.6	101.0	71.4	51.7	41.9	37.0	37.0	39.4	39.4
20°	187.2	160.1	123.2	86.2	54.2	39.4	29.6	27.1	27.1	32.0	34.5
22.5°	192.2	160.1	113.3	71.4	44.3	29.6	22.2	19.7	22.2	27.1	29.6
25°	199.6	157.7	103.5	64.1	37.0	22.2	17.2	12.3	14.8	19.7	22.2
27.5°	207.0	155.2	93.6	56.7	29.6	17.2	12.3	9.9	7.4	9.9	9.9
30°	214.3	155.2	83.8	46.8	24.6	12.3	7.4	4.9	2.5	0.0	0.0
32.5°	219.3	150.3	76.4	37.0	19.7	9.9	4.9	2.5	0.0	0.0	0.0
35°	224.2	145.4	66.5	29.6	14.8	7.4	2.5	0.0	0.0	0.0	0.0
37.5°	229.1	138.0	56.7	24.6	12.3	4.9	0.0	0.0	0.0	0.0	0.0
40°	234.1	128.1	46.8	22.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	239.0	120.7	39.4	17.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	251.3	115.8	32.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	273.5	110.9	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	305.5	105.9	27.1	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	349.8	103.5	24.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	428.7	101.0	22.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	564.2	98.5	22.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	864.8	93.6	22.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1544.8	91.2	19.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2692.8	93.6	19.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3860.6	98.5	17.2	7.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	3303.8	86.2	17.2	9.9	4.9	2.5	0.0	0.0	0.0	0.0	0.0
71°	2692.8	76.4	17.2	9.9	4.9	2.5	2.5	0.0	0.0	0.0	0.0
72.5°	1732.0	59.1	14.8	9.9	4.9	4.9	2.5	0.0	0.0	0.0	0.0
75°	731.7	49.3	14.8	9.9	7.4	4.9	4.9	2.5	0.0	0.0	0.0
77.5°	312.9	37.0	14.8	12.3	9.9	7.4	7.4	4.9	2.5	0.0	0.0
80°	118.3	29.6	17.2	14.8	12.3	12.3	9.9	4.9	2.5	0.0	0.0
82.5°	54.2	24.6	17.2	14.8	14.8	12.3	9.9	7.4	4.9	0.0	0.0
85°	34.5	22.2	17.2	14.8	14.8	12.3	12.3	7.4	4.9	0.0	0.0
87.5°	27.1	22.2	17.2	17.2	14.8	14.8	9.9	7.4	2.5	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

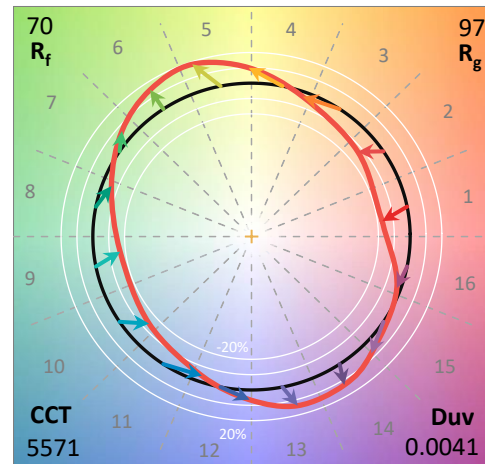
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

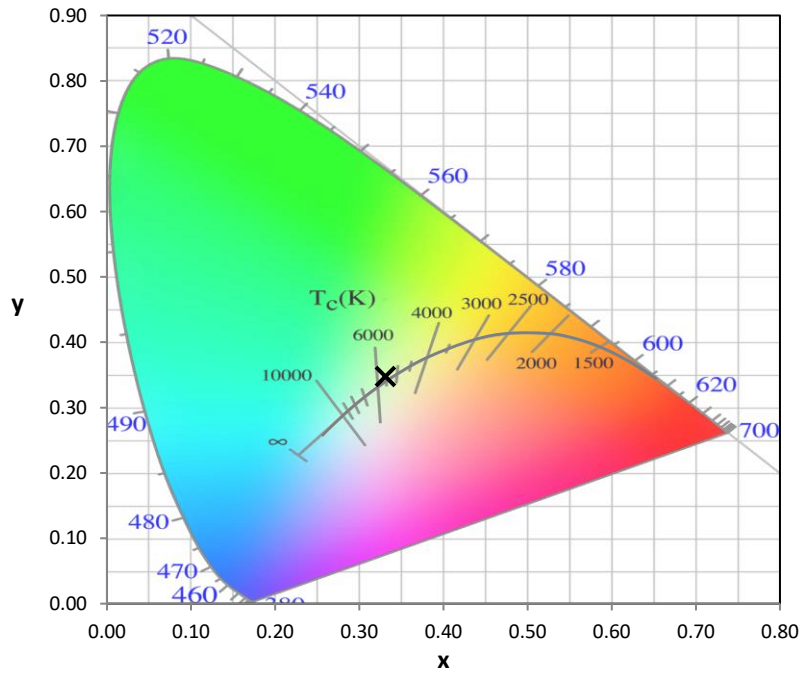
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

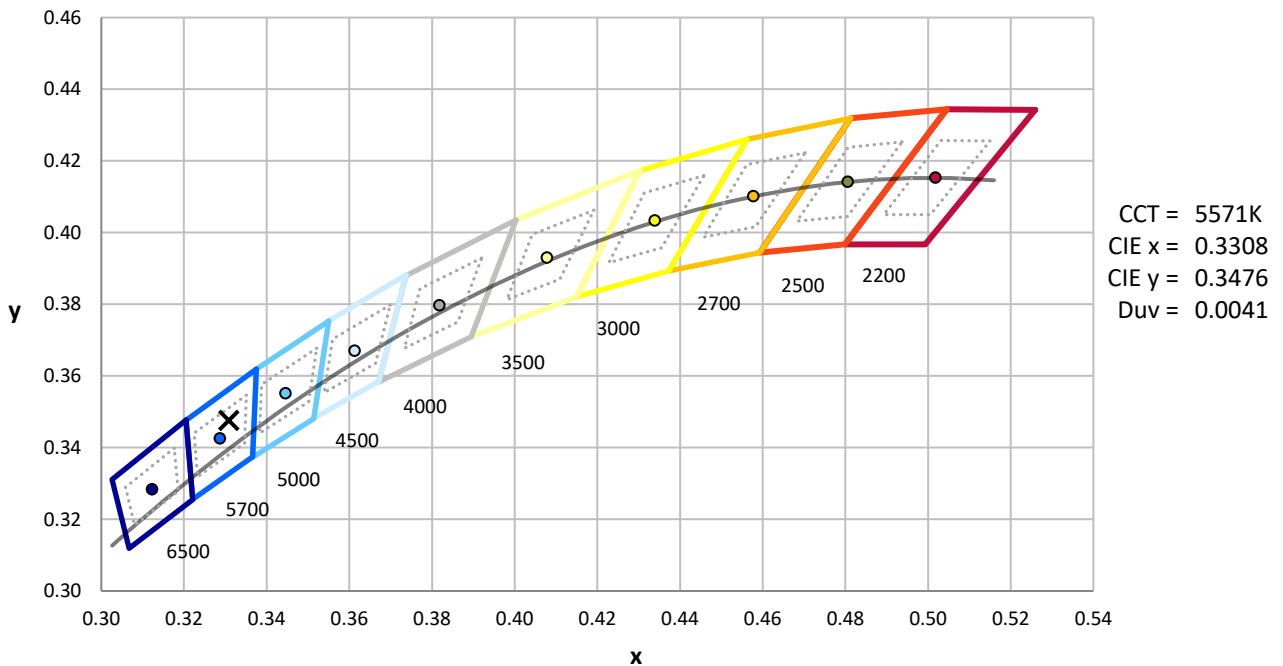
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



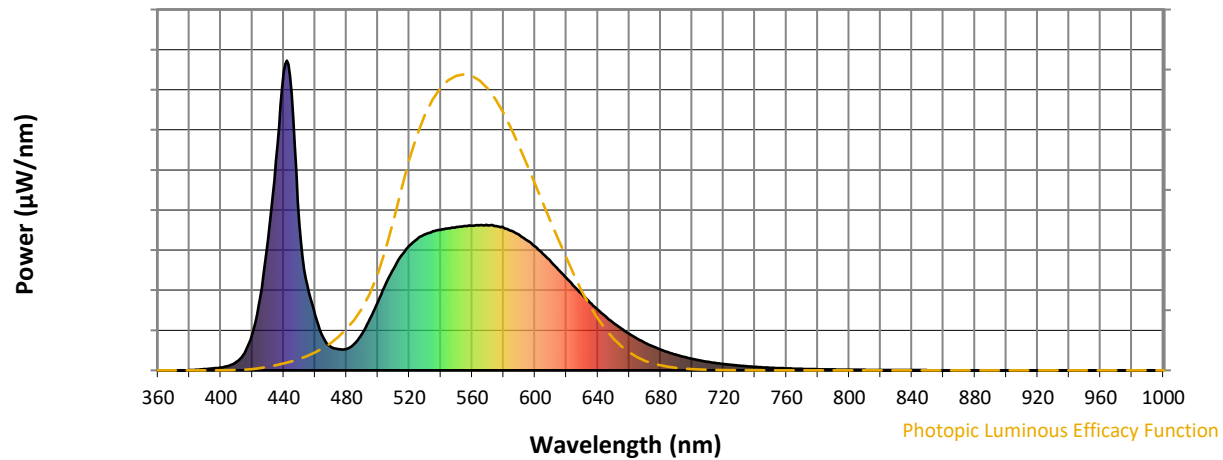
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

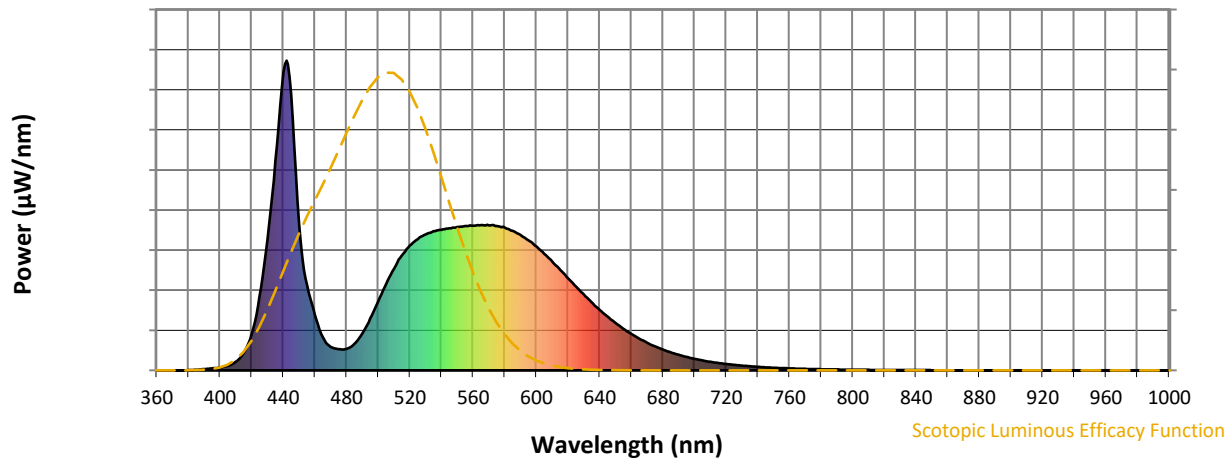


Photopic Lumens: NR

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



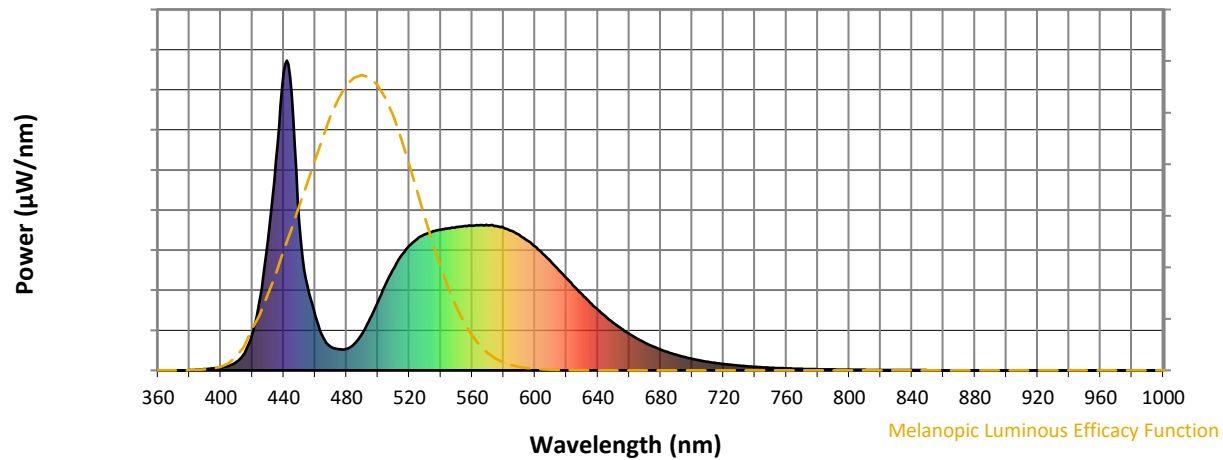
Scotopic Lumens: NR

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

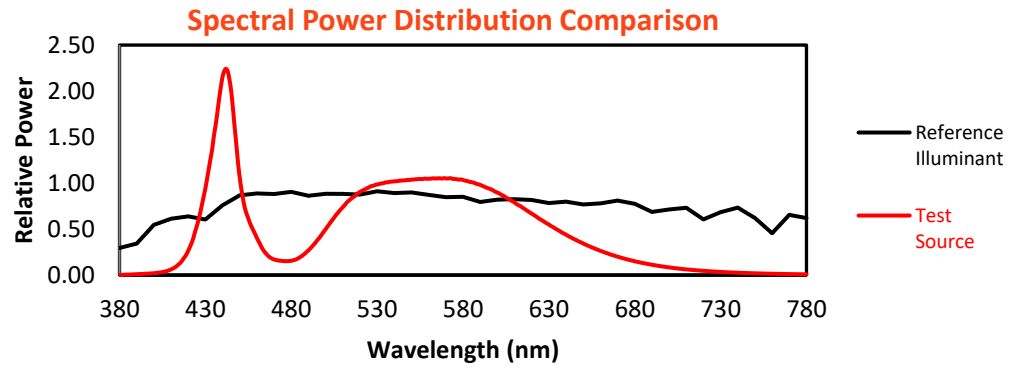
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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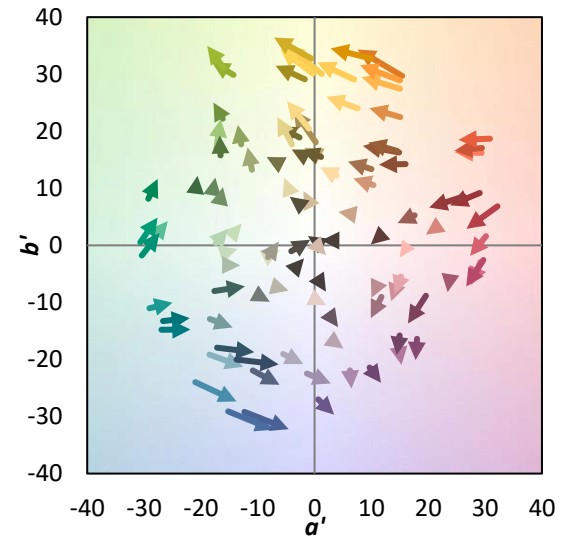
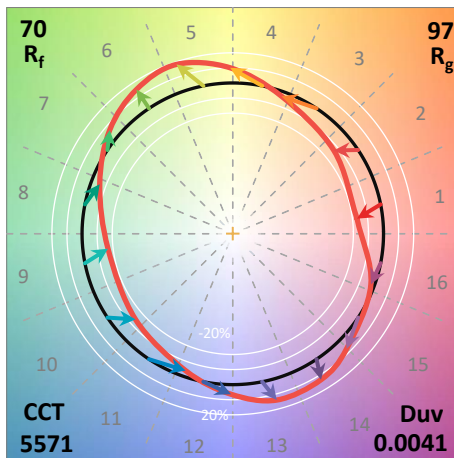
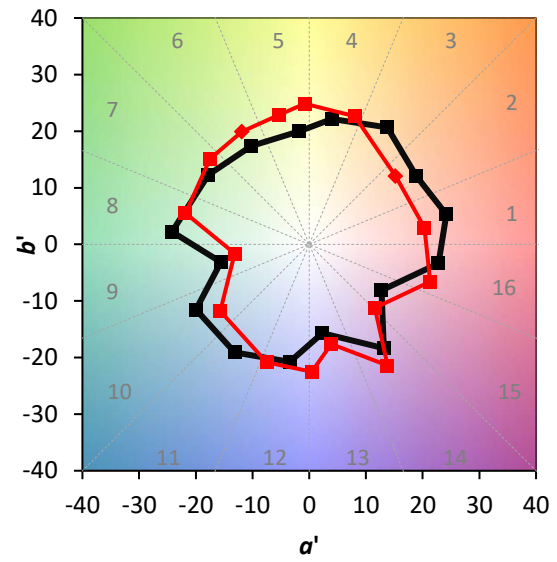
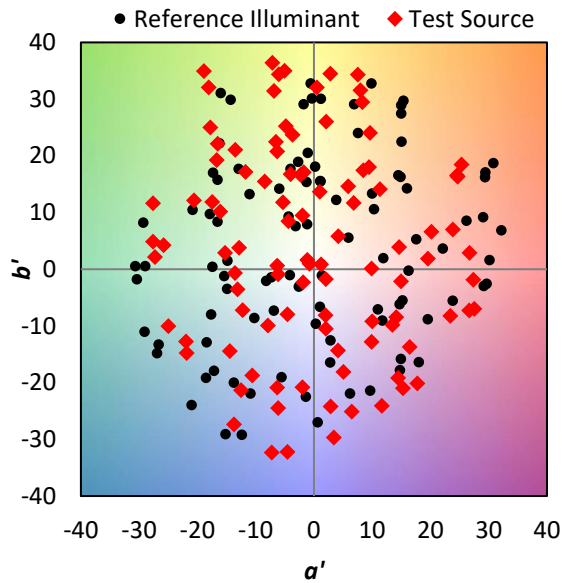
TM-30-18

Summary

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

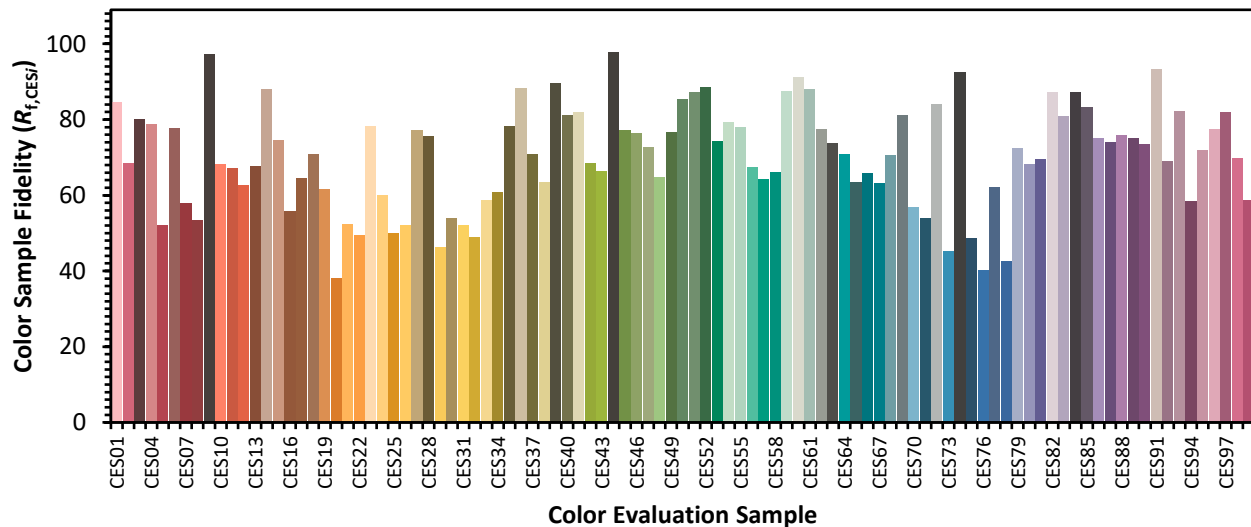


Color Vector Graphics

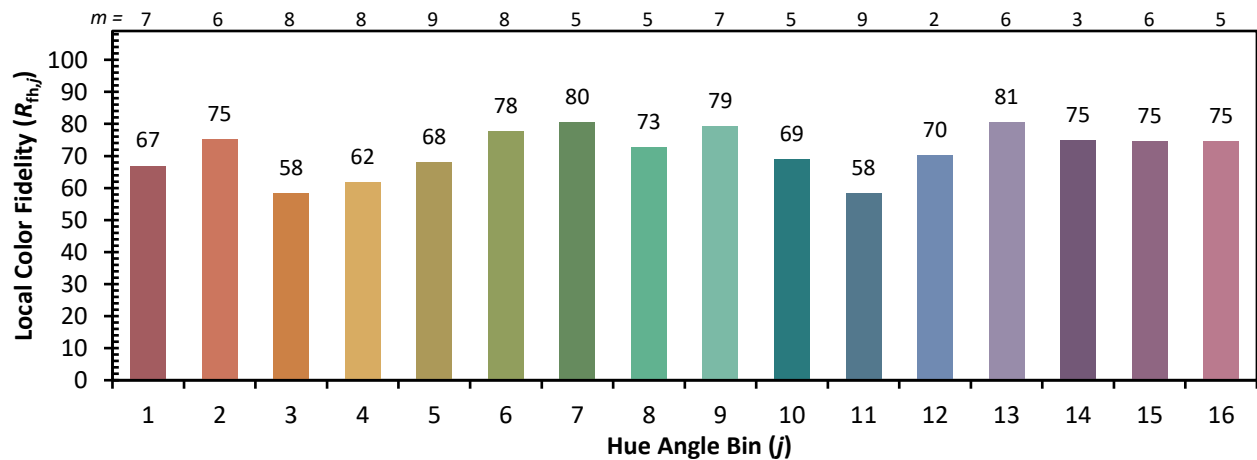
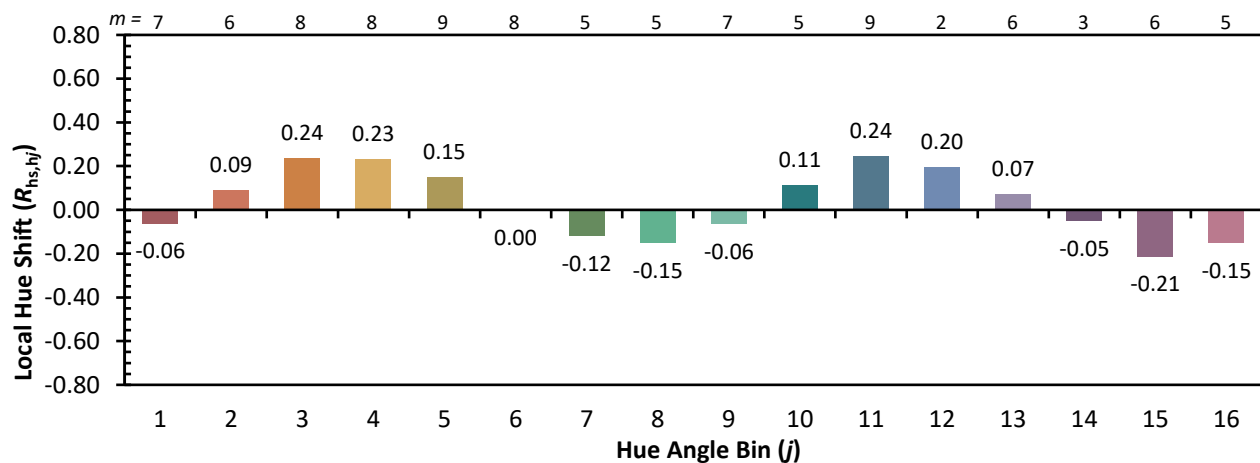
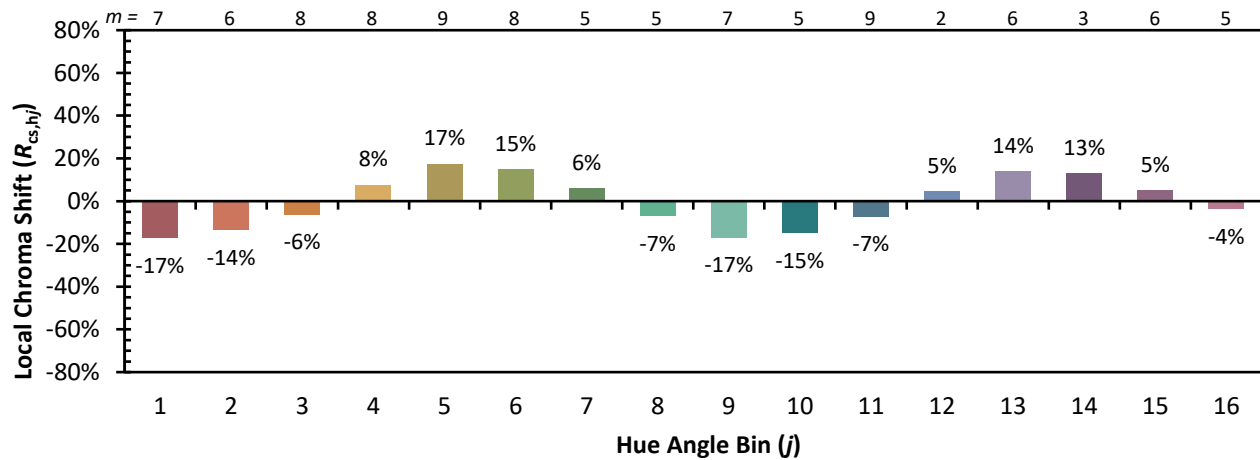


Individual Sample Fidelity Index ($R_{f,i}$)

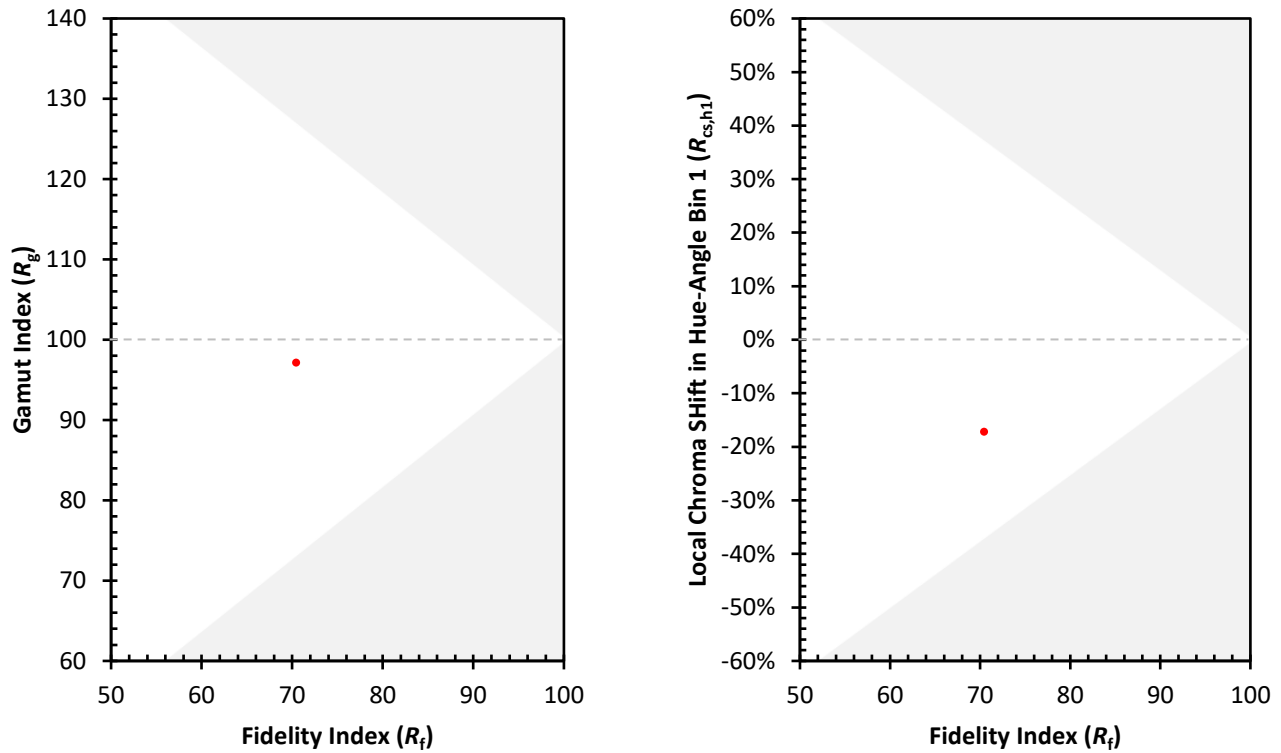
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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