

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: P1048467

Luminaire Tested: **GALN-SA4C-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048467
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22897.8 lumens
Efficiency: N/A
Efficacy: 120.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 190.4
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

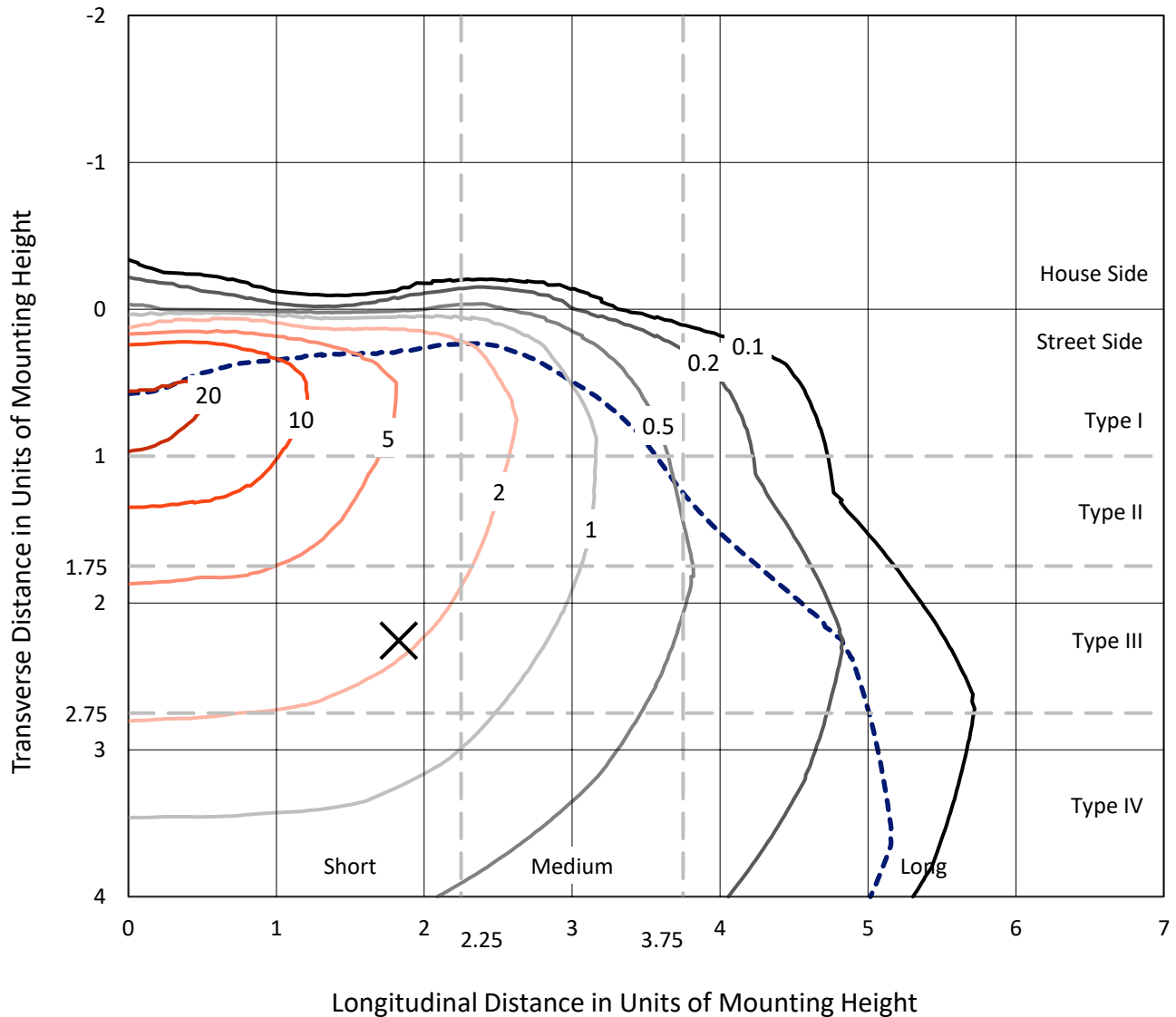


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

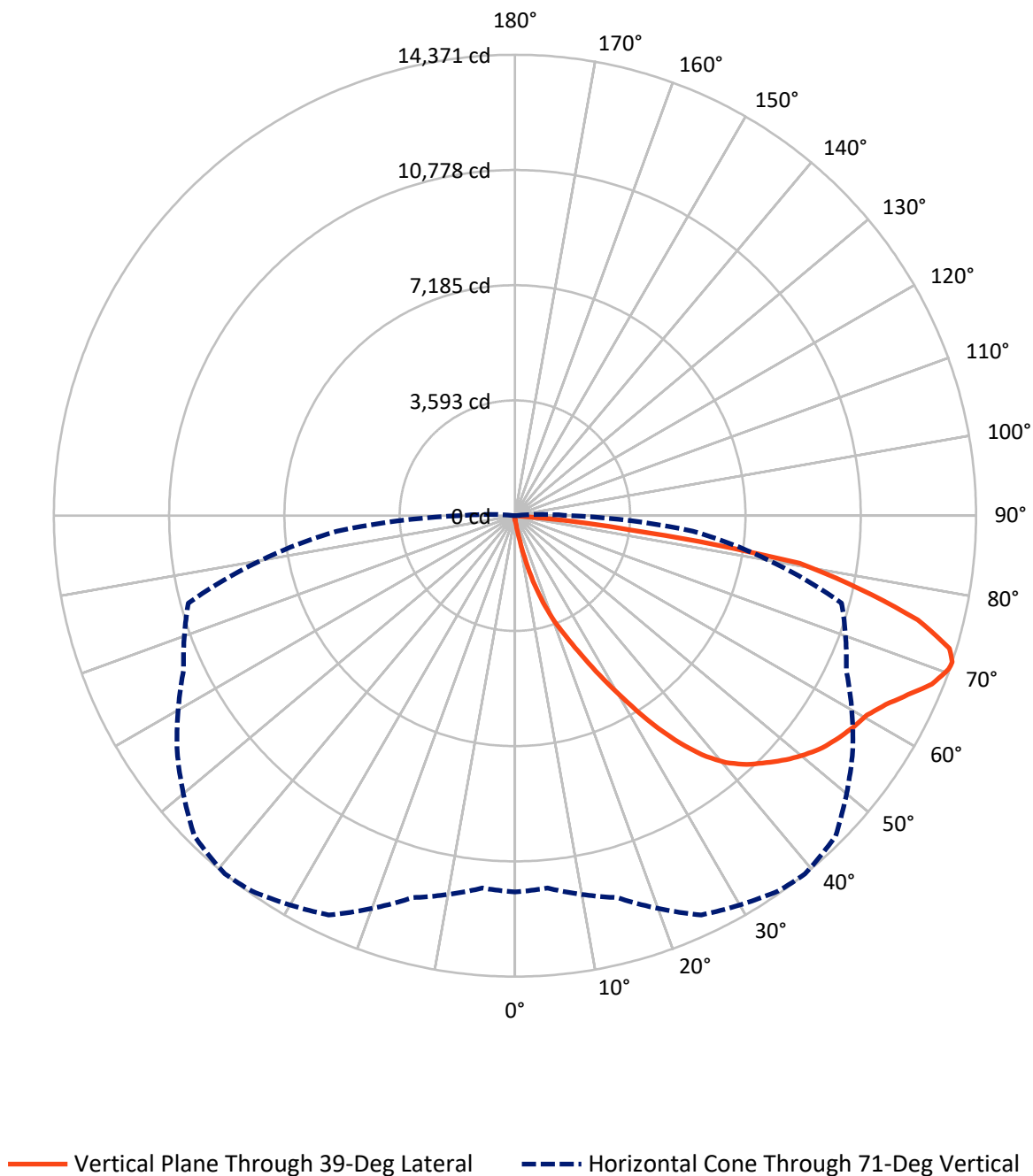


Based on 15 foot mounting height. Maximum calculated value = 23.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.4	0.0	81.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22816.3	0.0	22816.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	22897.8	0.0	22897.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	0.1
10°-20°	244.7	1.1
20°-30°	871.6	3.8
30°-40°	2100.5	9.2
40°-50°	3515.4	15.4
50°-60°	4515.0	19.7
60°-70°	5713.8	25.0
70°-80°	5094.1	22.2
80°-90°	823.5	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°	22897.8	100.0
0°-180°	22897.8	100.0



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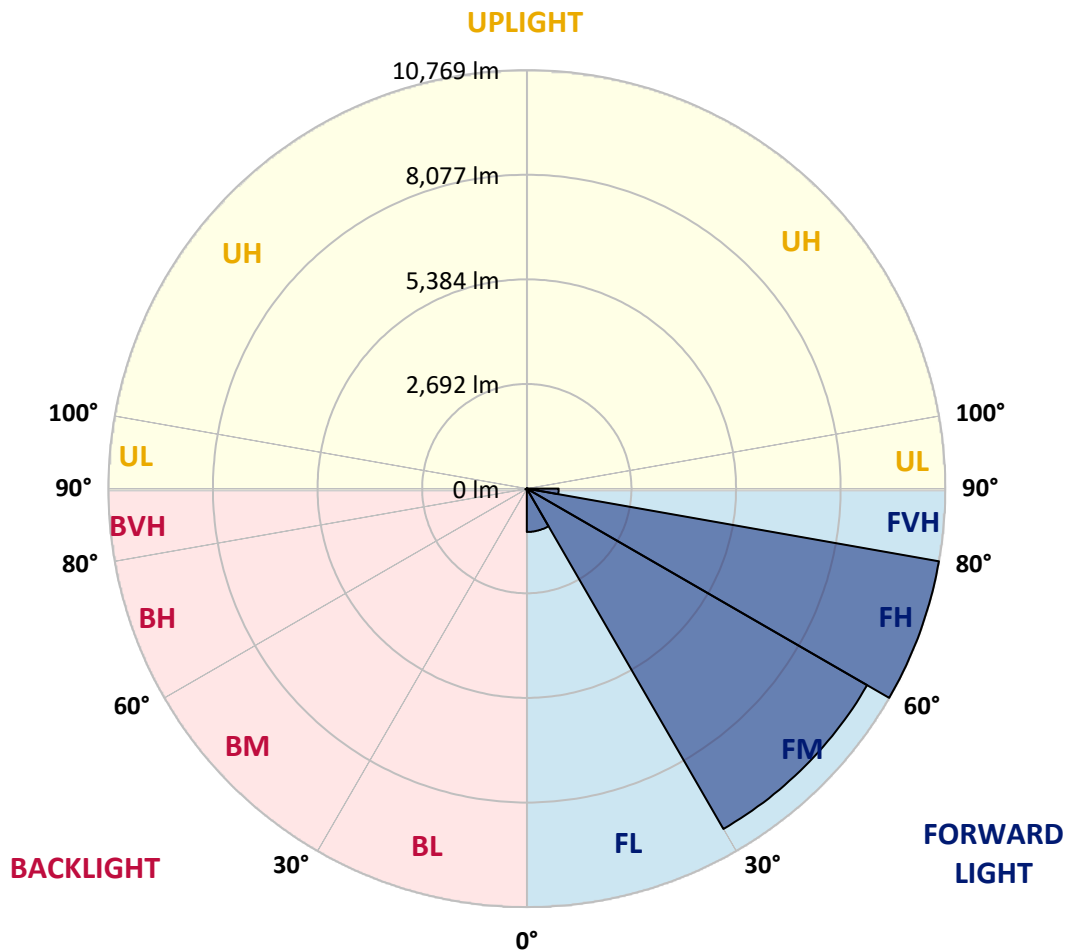
CATALOG NUMBER: GALN-SA4C-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1115.7	4.9			
FM	(30°-60°)	10112.1	44.2			
FH	(60°-80°)	10768.8	47.0			G4/12000
FVH	(80°-90°)	819.7	3.6			G5
BL	(0°-30°)	19.7	0.1	B0/110		
BM	(30°-60°)	18.8	0.1	B0/220		
BH	(60°-80°)	39.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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°	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6
2.5°	144.2	144.2	144.2	139.5	139.5	138.0	136.4	136.4	133.3	131.8	128.7
5°	218.6	213.9	203.1	196.9	184.5	176.7	169.0	158.1	147.3	139.5	130.2
7.5°	494.5	505.3	469.7	403.0	334.8	305.4	255.8	206.2	170.5	147.3	131.8
10°	1260.2	1254.0	1133.1	999.8	771.9	680.5	533.2	336.4	220.1	161.2	133.3
12.5°	2143.7	2137.5	1994.9	1813.6	1512.9	1322.2	1043.2	627.8	316.2	182.9	133.3
15°	2886.2	2861.4	2816.4	2636.6	2284.8	2125.1	1756.2	1109.8	511.5	220.1	136.4
17.5°	3377.6	3355.9	3314.0	3248.9	3025.7	2836.6	2540.5	1743.8	827.7	285.2	142.6
20°	3828.6	3813.1	3779.0	3766.6	3622.5	3521.7	3276.8	2472.3	1289.6	387.5	151.9
22.5°	4448.6	4416.1	4430.0	4355.6	4214.6	4093.7	3943.3	3235.0	1853.9	558.0	169.0
25°	5208.2	5192.7	5153.9	5101.2	4905.9	4800.5	4569.6	3954.2	2484.7	781.2	187.6
27.5°	6125.8	6108.8	6099.5	5978.6	5753.8	5639.1	5316.7	4633.1	3194.7	1094.3	212.4
30°	7182.9	7190.7	7130.2	6975.2	6713.3	6552.1	6220.4	5344.6	3921.6	1461.7	238.7
32.5°	8277.3	8261.8	8168.8	7985.9	7751.8	7601.5	7179.8	6124.3	4684.3	1946.9	269.7
35°	9456.9	9427.4	9182.5	8973.3	8773.3	8584.2	8199.8	7029.5	5446.9	2490.9	311.6
37.5°	10647.3	10509.4	10018.0	9752.9	9615.0	9460.0	9101.9	7995.2	6204.9	3098.6	362.7
40°	11546.3	11439.4	10856.6	10368.3	10258.2	10126.5	9859.9	8829.1	7010.9	3751.1	424.7
42.5°	12043.9	11985.0	11461.1	10979.0	10720.2	10603.9	10376.0	9557.6	7807.6	4471.9	514.6
45°	12256.3	12164.8	11814.5	11589.7	11177.4	10985.2	10714.0	10107.9	8640.0	5290.3	640.2
47.5°	12191.2	12138.5	11887.3	11969.5	11670.3	11371.2	10972.8	10529.5	9351.5	6229.7	812.2
50°	11781.9	11737.0	11659.5	12104.4	12067.2	11713.7	11307.6	10862.8	9932.7	7198.4	1078.8
52.5°	11003.8	10985.2	11183.6	11999.0	12291.9	12016.0	11630.0	11157.3	10475.3	8210.6	1460.1
55°	10000.9	10076.9	10644.2	11834.6	12406.6	12239.2	11915.3	11433.2	10910.8	9115.9	2022.8
57.5°	9588.6	9608.8	10317.1	11718.4	12457.8	12436.1	12192.7	11696.7	11310.7	9839.7	2881.5
60°	10070.7	10039.7	10413.3	11806.7	12560.1	12612.8	12439.2	11941.6	11657.9	10461.3	4025.5
62.5°	10941.8	10924.8	11044.1	12183.4	12859.2	12966.2	12781.7	12118.3	11964.9	10870.5	5330.6
65°	11719.9	11684.3	11906.0	12851.5	13384.7	13460.7	13299.4	12420.6	12099.7	11168.1	6556.7
67.5°	12056.3	12048.6	12405.1	13487.0	13936.5	14018.7	13877.6	12837.5	12068.7	11262.7	7097.7
70°	11902.9	11873.4	12443.8	13756.7	14248.1	14341.1	14204.7	12992.5	11732.3	10963.5	6296.3
71°	11733.9	11654.8	12327.6	13738.1	14291.5	14370.5	14131.8	12851.5	11394.4	10538.8	5569.3
72.5°	11210.0	11223.9	12008.3	13544.4	14187.6	14164.4	13719.5	12346.2	10986.8	9574.7	4473.5
75°	9920.3	10002.5	10974.4	12730.6	13260.7	12964.6	12284.2	11380.5	10168.3	6865.2	3106.3
77.5°	8106.8	8229.2	9297.2	11165.0	11014.7	10985.2	10957.3	10027.3	8683.4	3687.6	2160.8
80°	3870.5	4135.5	5608.1	7970.4	8658.6	8991.9	8782.6	8080.4	6714.8	1756.2	1291.2
82.5°	252.7	249.6	353.4	669.6	2822.6	3648.8	5797.2	5775.5	4681.2	855.6	527.0
85°	119.4	122.5	134.9	153.5	178.3	195.3	269.7	1581.1	2239.8	407.7	114.7
87.5°	69.8	71.3	83.7	107.0	139.5	155.0	184.5	237.2	291.4	224.8	24.8
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°	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6
2.5°	127.1	125.6	120.9	116.3	111.6	108.5	107.0	108.5	108.5	110.1	110.1
5°	127.1	122.5	114.7	105.4	99.2	93.0	89.9	88.4	89.9	89.9	89.9
7.5°	125.6	117.8	107.0	96.1	88.4	80.6	77.5	76.0	76.0	77.5	77.5
10°	122.5	114.7	100.8	88.4	79.1	69.8	65.1	60.5	60.5	60.5	62.0
12.5°	120.9	110.1	93.0	80.6	68.2	57.4	48.1	43.4	45.0	45.0	45.0
15°	117.8	105.4	88.4	72.9	57.4	43.4	35.7	31.0	32.6	34.1	32.6
17.5°	117.8	103.9	82.2	63.6	45.0	32.6	26.4	23.3	23.3	24.8	24.8
20°	117.8	100.8	77.5	54.3	34.1	24.8	18.6	17.1	17.1	20.2	21.7
22.5°	120.9	100.8	71.3	45.0	27.9	18.6	14.0	12.4	14.0	17.1	18.6
25°	125.6	99.2	65.1	40.3	23.3	14.0	10.9	7.8	9.3	12.4	14.0
27.5°	130.2	97.7	58.9	35.7	18.6	10.9	7.8	6.2	4.7	6.2	6.2
30°	134.9	97.7	52.7	29.5	15.5	7.8	4.7	3.1	1.6	0.0	0.0
32.5°	138.0	94.6	48.1	23.3	12.4	6.2	3.1	1.6	0.0	0.0	0.0
35°	141.1	91.5	41.9	18.6	9.3	4.7	1.6	0.0	0.0	0.0	0.0
37.5°	144.2	86.8	35.7	15.5	7.8	3.1	0.0	0.0	0.0	0.0	0.0
40°	147.3	80.6	29.5	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	150.4	76.0	24.8	10.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	158.1	72.9	20.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	172.1	69.8	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	192.2	66.7	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	220.1	65.1	15.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	269.7	63.6	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	355.0	62.0	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	544.1	58.9	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	971.9	57.4	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1694.2	58.9	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2428.9	62.0	10.9	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2078.6	54.3	10.9	6.2	3.1	1.6	0.0	0.0	0.0	0.0	0.0
71°	1694.2	48.1	10.9	6.2	3.1	1.6	1.6	0.0	0.0	0.0	0.0
72.5°	1089.7	37.2	9.3	6.2	3.1	3.1	1.6	0.0	0.0	0.0	0.0
75°	460.4	31.0	9.3	6.2	4.7	3.1	3.1	1.6	0.0	0.0	0.0
77.5°	196.9	23.3	9.3	7.8	6.2	4.7	4.7	3.1	1.6	0.0	0.0
80°	74.4	18.6	10.9	9.3	7.8	7.8	6.2	3.1	1.6	0.0	0.0
82.5°	34.1	15.5	10.9	9.3	9.3	7.8	6.2	4.7	3.1	0.0	0.0
85°	21.7	14.0	10.9	9.3	9.3	7.8	7.8	4.7	3.1	0.0	0.0
87.5°	17.1	14.0	10.9	10.9	9.3	9.3	6.2	4.7	1.6	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

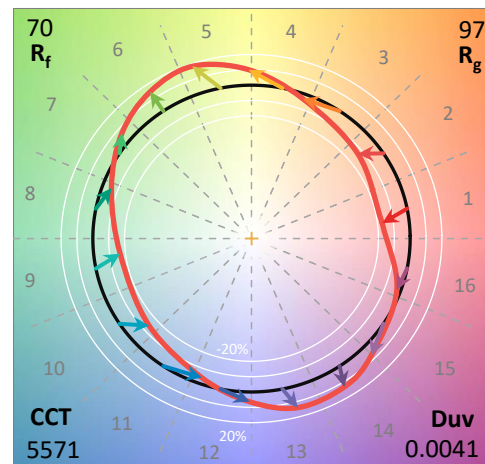
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

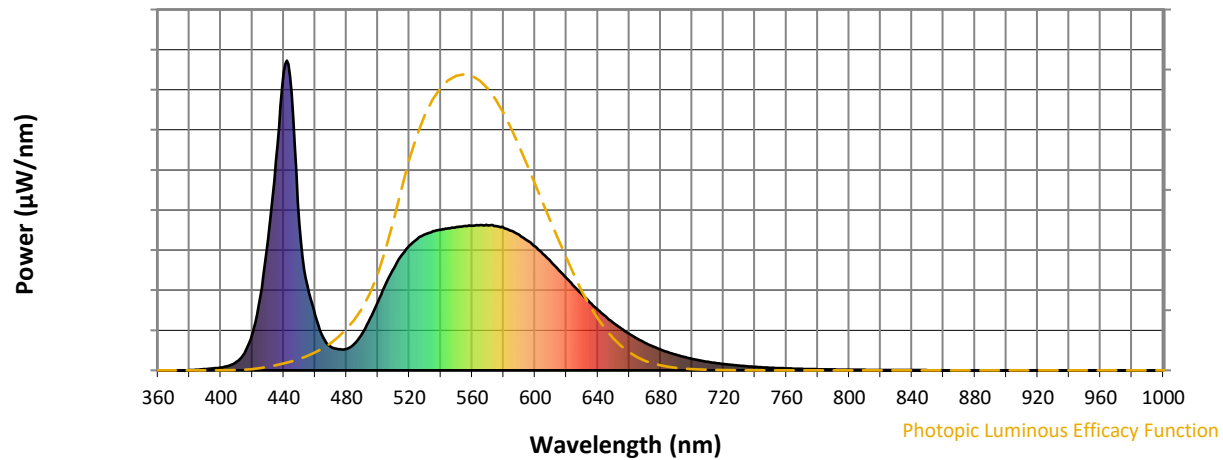
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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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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Photopic Flux vs. Wavelength

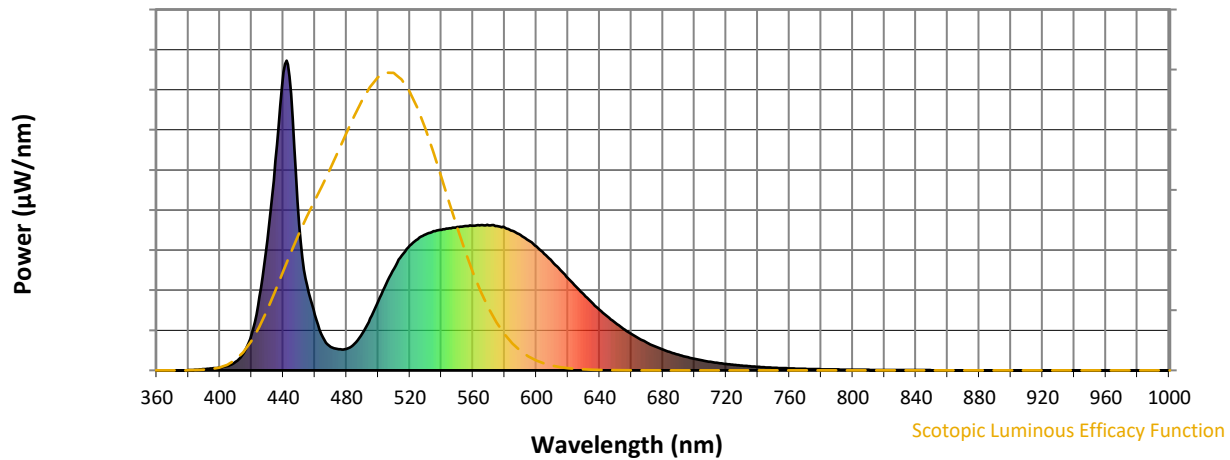


Photopic Lumens: NR

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



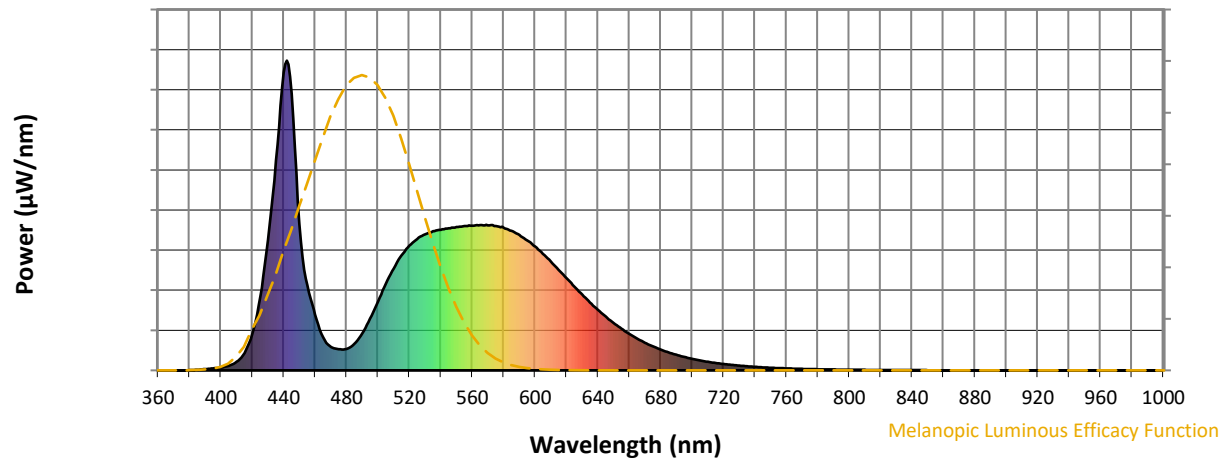
Scotopic Lumens: NR

S/P: 1.84

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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

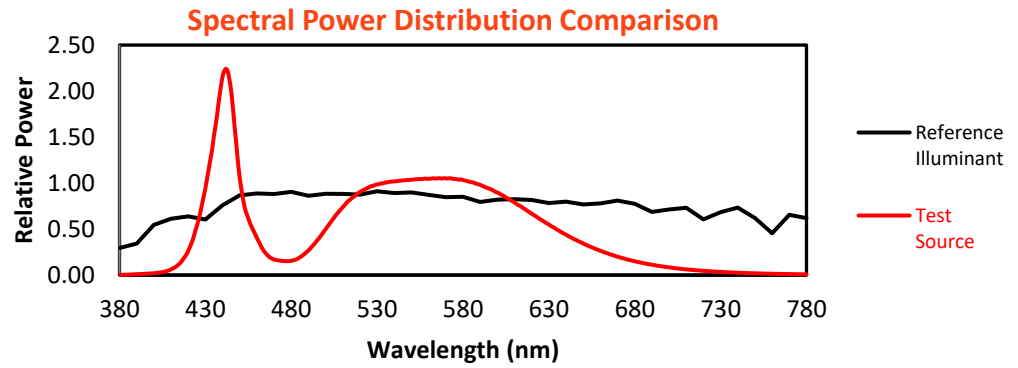
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120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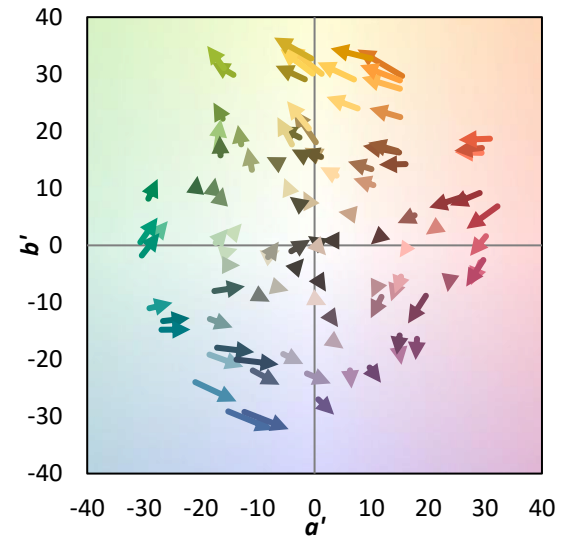
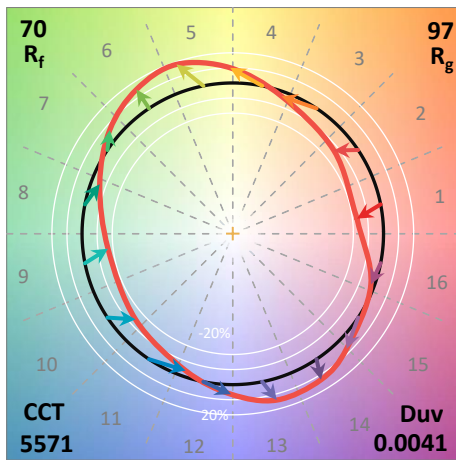
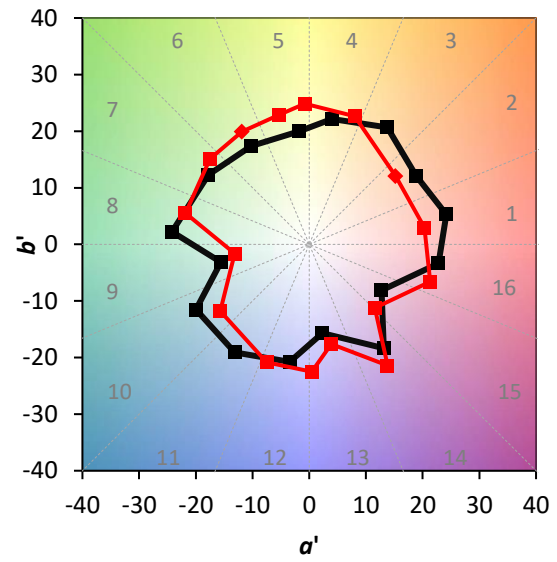
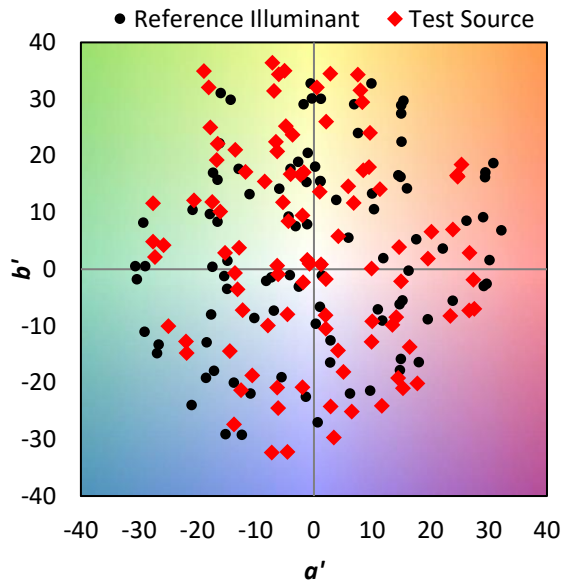
TM-30-18

Summary

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

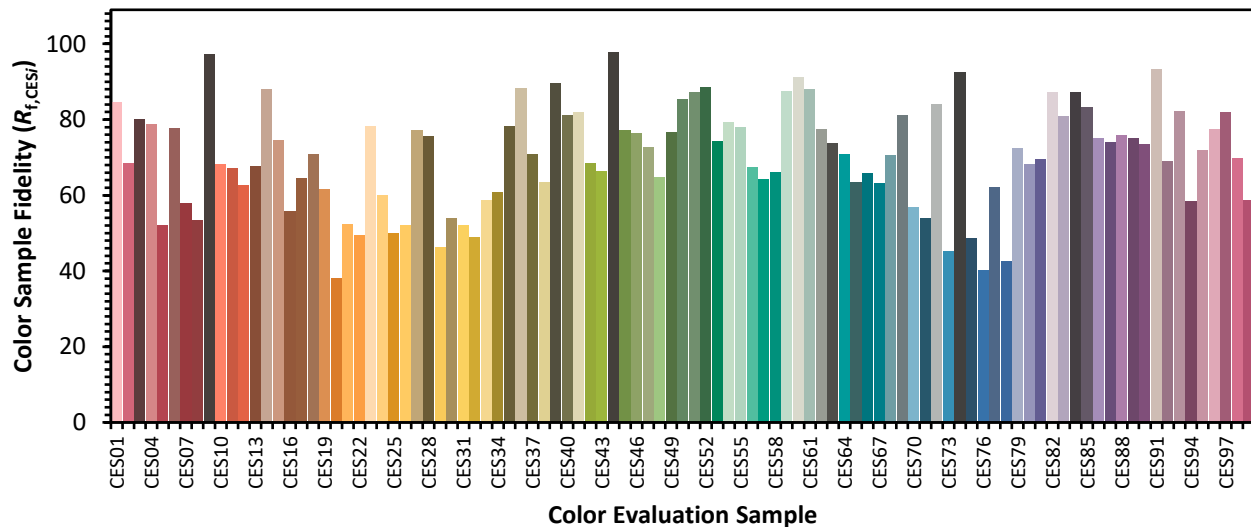


Color Vector Graphics

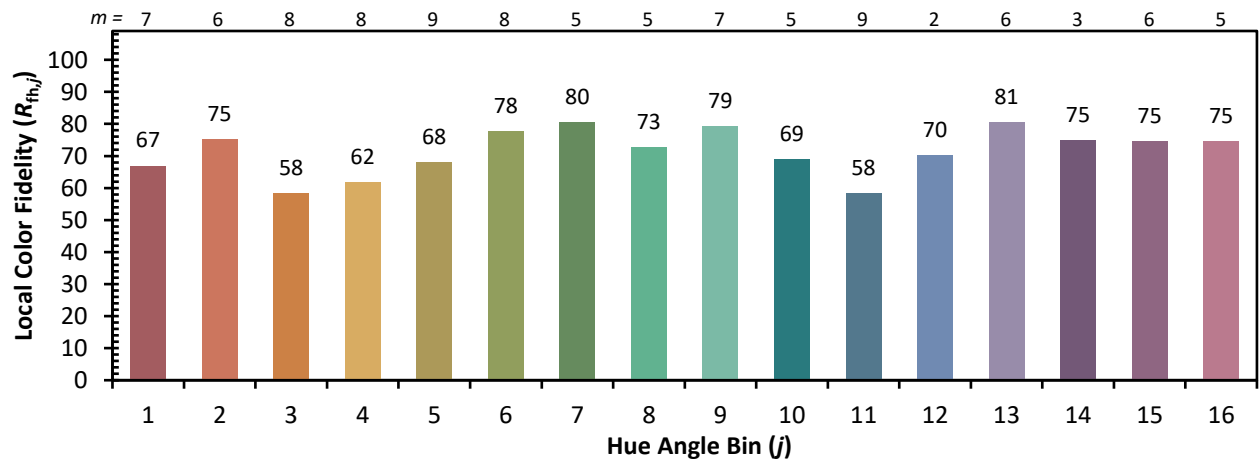
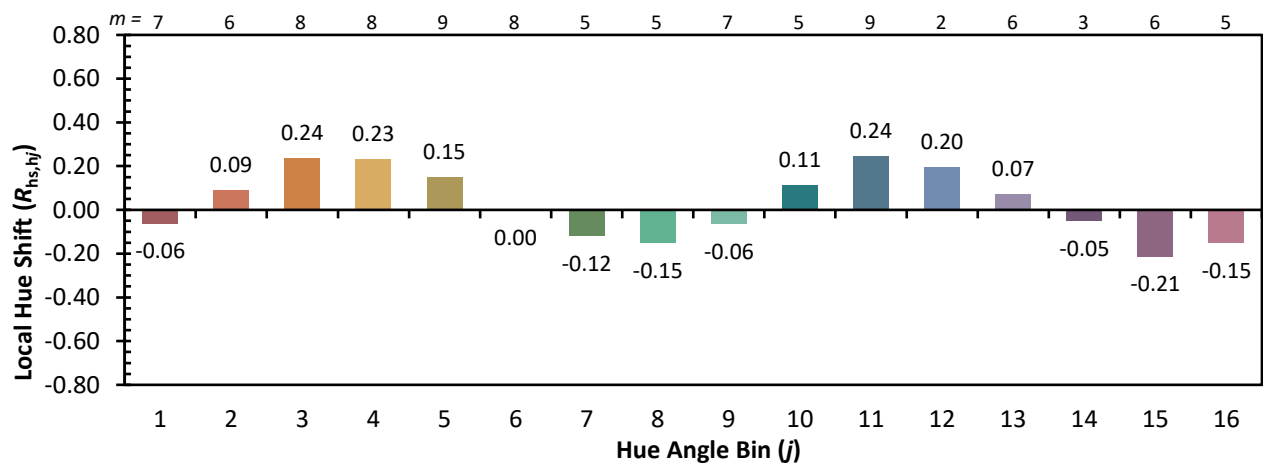
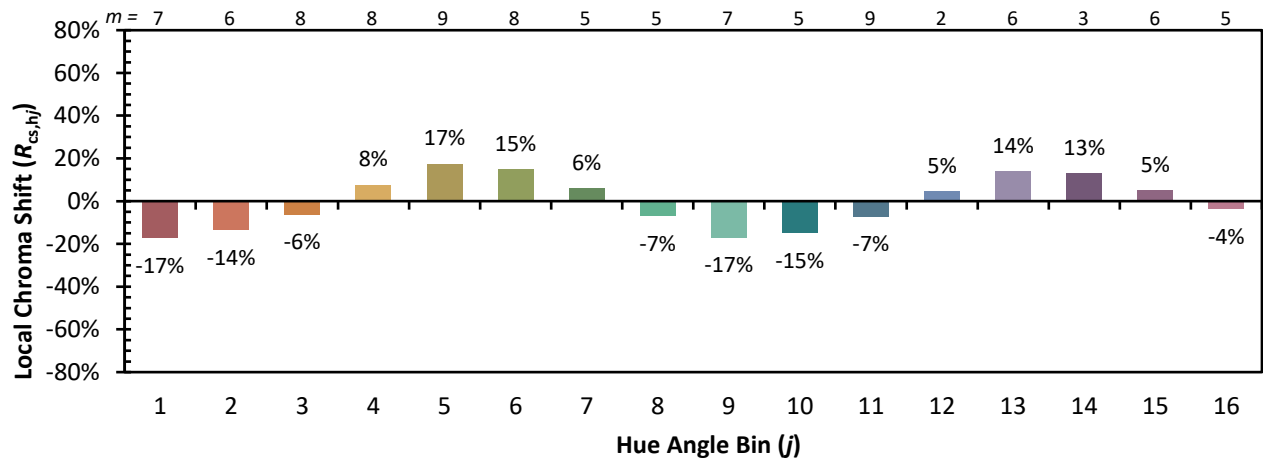


Individual Sample Fidelity Index ($R_{f,i}$)

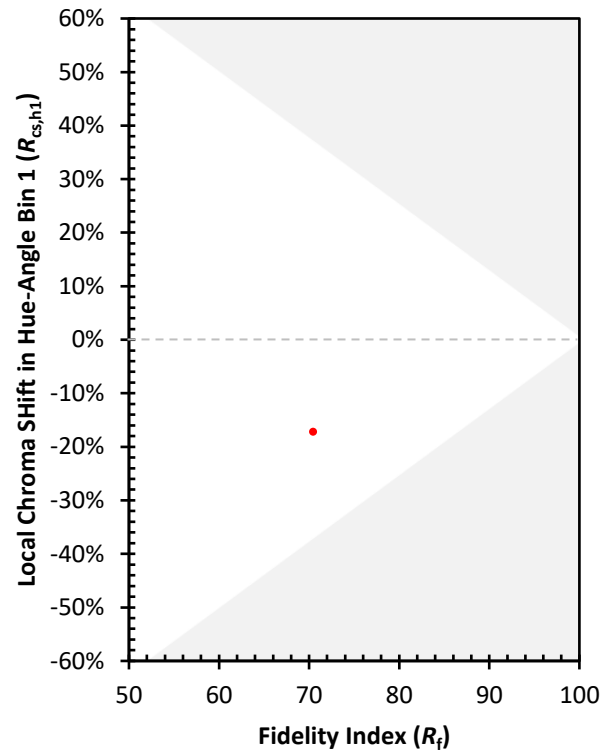
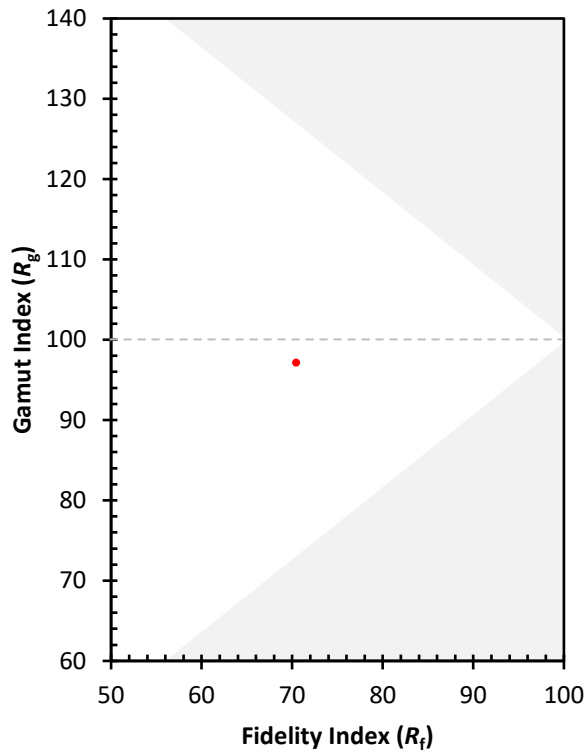
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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