

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: P1047261

Luminaire Tested: **GALN-SA9A-760-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047261
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-760-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33897.5 lumens
Efficiency: N/A
Efficacy: 138.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 244.6
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

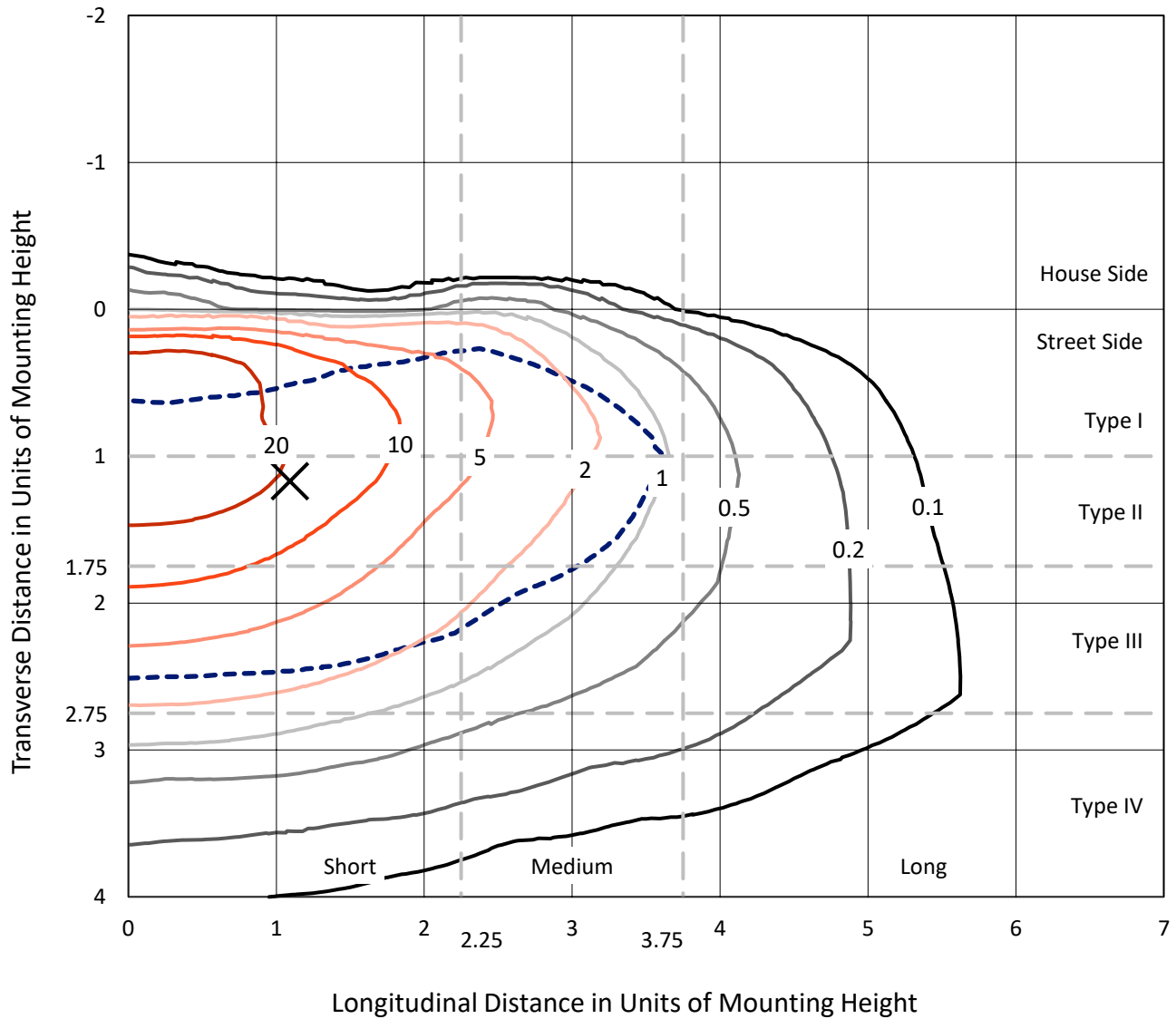


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

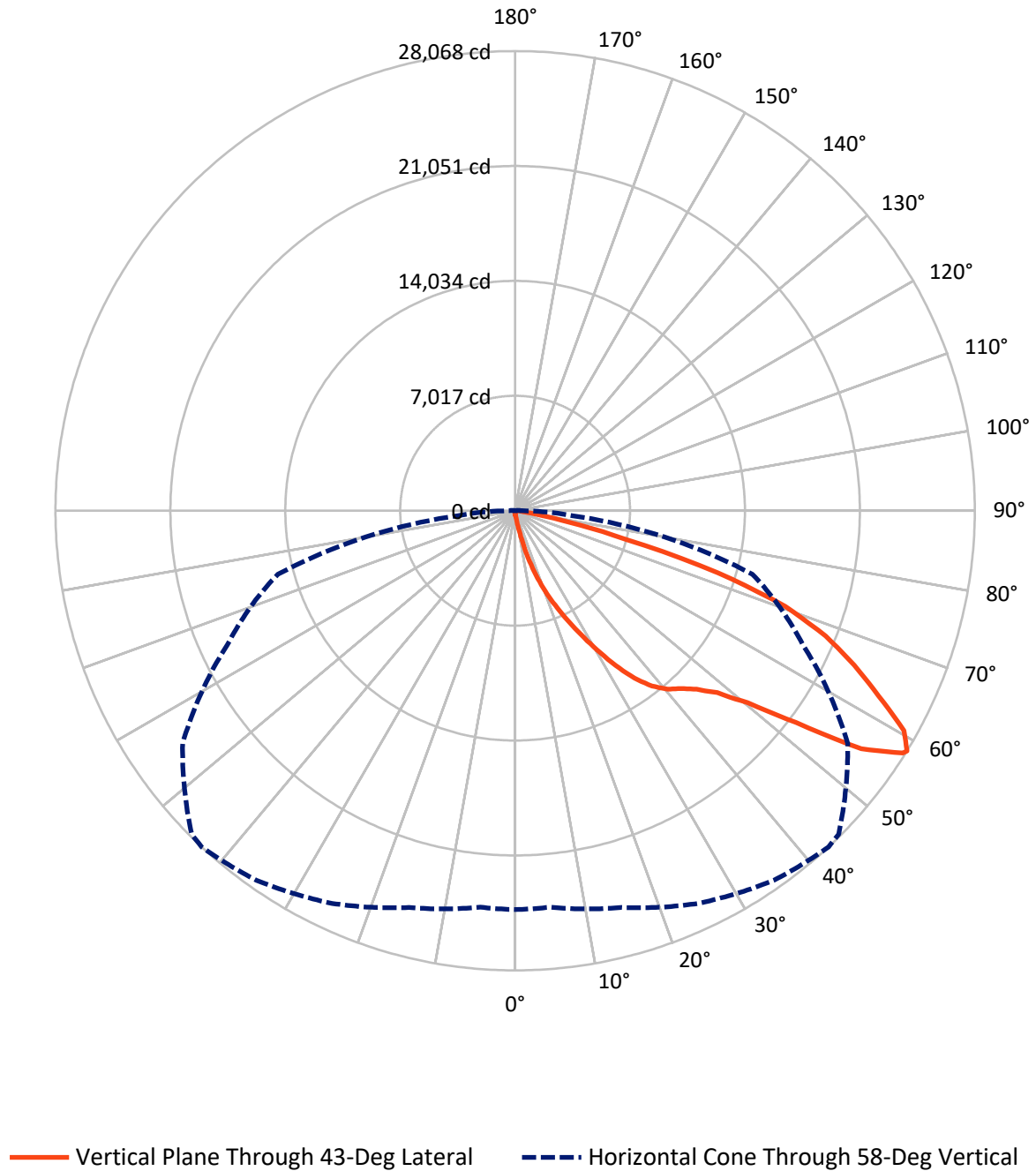


Based on 15 foot mounting height. Maximum calculated value = 38 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	123.8	0.0	123.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33773.7	0.0	33773.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	33897.5	0.0	33897.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	0.1
10°-20°	389.6	1.1
20°-30°	1404.4	4.1
30°-40°	3213.3	9.5
40°-50°	5419.5	16.0
50°-60°	8943.5	26.4
60°-70°	9995.6	29.5
70°-80°	4127.0	12.2
80°-90°	372.0	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°	33897.5	100.0
0°-180°	33897.5	100.0



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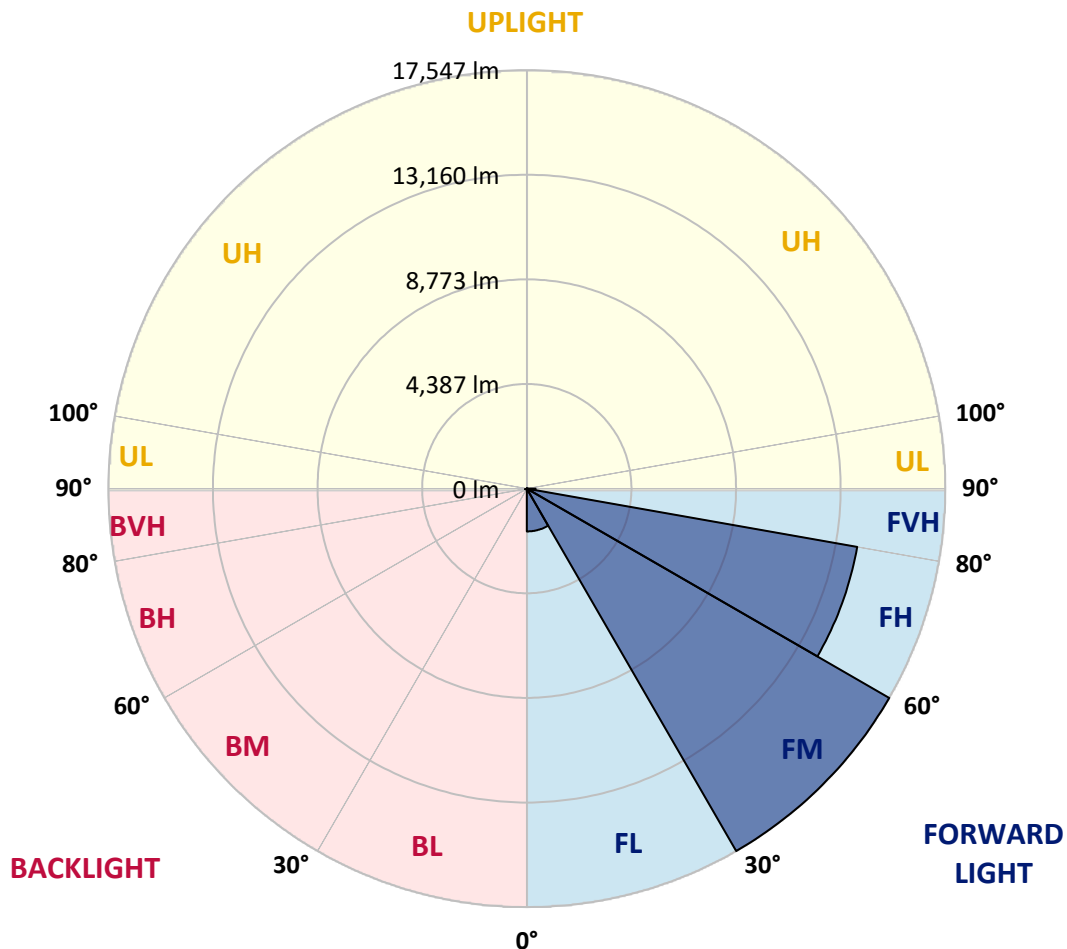
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1794.3	5.3			
FM	(30°-60°)	17546.6	51.8			
FH	(60°-80°)	14065.9	41.5			G5
FVH	(80°-90°)	366.9	1.1			G3/500
BL	(0°-30°)	32.3	0.1	B0/110		
BM	(30°-60°)	29.7	0.1	B0/220		
BH	(60°-80°)	56.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6
2.5°	266.0	274.8	266.0	266.0	266.0	257.1	257.1	248.2	248.2	239.4	230.5
5°	390.1	390.1	363.5	345.8	328.0	319.2	310.3	292.6	274.8	257.1	239.4
7.5°	868.8	868.8	789.0	682.7	540.8	461.0	443.3	363.5	310.3	274.8	239.4
10°	2074.5	2074.5	1897.2	1604.7	1241.2	922.0	824.5	523.1	372.4	292.6	248.2
12.5°	3448.7	3493.0	3271.4	2899.0	2358.2	1799.7	1604.7	957.5	496.5	319.2	248.2
15°	4681.0	4574.6	4512.6	4158.0	3643.8	2978.8	2730.6	1613.5	718.1	363.5	248.2
17.5°	5514.4	5514.4	5425.7	5186.4	4716.5	4131.4	3927.5	2606.5	1161.4	416.7	257.1
20°	6489.6	6489.6	6330.0	6161.6	5744.9	5248.4	5053.4	3705.8	1799.7	531.9	257.1
22.5°	7668.7	7686.5	7509.2	7207.7	6808.8	6259.1	6090.7	4725.4	2606.5	709.2	266.0
25°	9105.0	9122.7	8865.6	8581.9	7970.2	7376.2	7119.1	5895.6	3590.6	992.9	266.0
27.5°	10691.9	10816.0	10434.8	9947.2	9300.0	8555.3	8360.2	6950.6	4565.8	1400.8	283.7
30°	12668.9	12668.9	12163.6	11480.9	10780.6	9858.5	9610.3	8058.8	5603.1	1941.6	301.4
32.5°	14371.1	14238.1	13590.9	12872.8	12128.1	11268.2	11002.2	9220.2	6666.9	2615.3	336.9
35°	15674.4	15559.1	14761.2	13989.9	13342.7	12553.7	12234.5	10479.1	7792.9	3377.8	390.1
37.5°	16791.4	16747.1	15665.5	14699.1	14273.6	13582.1	13298.4	11667.1	8901.0	4202.3	452.1
40°	18014.9	17873.0	16720.5	15523.6	14885.3	14326.8	14069.7	12624.6	9964.9	5168.6	540.8
42.5°	19061.0	18892.6	17855.3	16685.0	15594.6	14841.0	14592.8	13431.4	11002.2	6135.0	656.1
45°	20222.4	20133.7	19087.6	18201.1	16747.1	15541.4	15213.3	14078.6	11950.8	7287.5	806.8
47.5°	21968.9	21809.3	20834.1	20107.2	18422.7	16605.2	16135.4	14743.5	12864.0	8422.3	1037.3
50°	23999.1	23892.8	23316.5	22740.2	21064.6	18422.7	17864.2	15701.0	13883.5	9769.9	1338.7
52.5°	25657.0	25639.3	25710.2	25719.1	24451.3	21481.3	20648.0	17243.6	15053.8	11099.7	1764.3
55°	25621.5	25701.3	26481.5	27376.9	27474.5	25657.0	24850.2	19841.2	16578.6	12739.8	2358.2
57.5°	24664.1	24602.0	25426.5	26774.1	27722.7	27917.7	27784.8	23875.0	18874.8	14716.9	3271.4
58°	24353.8	24300.6	25080.7	26454.9	27545.4	28068.4	27935.5	24788.2	19389.0	15000.6	3519.6
60°	23227.8	23236.7	23697.7	24947.8	26038.2	27279.4	27403.5	27394.7	21951.2	16897.8	4769.7
62.5°	21738.4	21667.5	22093.0	23112.6	24070.1	24903.4	25116.2	27572.0	25701.3	19309.2	7154.5
65°	19681.6	19575.2	20027.4	21179.9	22208.3	22749.1	22758.0	25196.0	27465.6	21898.0	10558.9
67.5°	15860.5	15771.9	16676.2	18156.7	19743.7	20452.9	20772.1	21862.5	25976.2	23653.4	12509.3
70°	9716.7	9902.9	11161.8	13484.6	16197.4	17500.7	17979.4	18316.3	22119.6	23387.4	10461.4
72.5°	4486.0	4264.3	5337.1	6959.5	10053.6	12952.6	13449.1	14770.1	17536.1	20302.2	7801.7
75°	2092.3	2012.5	2260.7	3040.9	4556.9	6994.9	7899.2	11791.2	13449.1	14122.9	5629.6
77.5°	1072.7	1081.6	1285.5	1383.0	1879.5	3235.9	3714.7	7757.4	9858.5	7881.5	3776.7
80°	469.9	487.6	496.5	540.8	762.4	1250.0	1409.6	3599.4	6737.8	4016.1	2065.7
82.5°	301.4	310.3	310.3	310.3	363.5	496.5	567.4	1445.1	3360.1	1994.8	638.3
85°	159.6	159.6	177.3	221.6	257.1	301.4	319.2	461.0	1108.2	594.0	150.7
87.5°	88.7	97.5	106.4	133.0	168.4	203.9	221.6	319.2	425.5	407.8	35.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6	221.6
2.5°	230.5	221.6	212.8	203.9	195.0	186.2	186.2	186.2	186.2	186.2	186.2
5°	221.6	212.8	203.9	186.2	168.4	159.6	150.7	141.8	141.8	141.8	141.8
7.5°	221.6	212.8	186.2	168.4	150.7	133.0	115.3	115.3	115.3	115.3	115.3
10°	221.6	203.9	177.3	150.7	124.1	106.4	97.5	88.7	88.7	88.7	88.7
12.5°	221.6	195.0	168.4	133.0	106.4	88.7	79.8	70.9	70.9	70.9	70.9
15°	221.6	195.0	159.6	124.1	97.5	70.9	62.1	53.2	53.2	53.2	53.2
17.5°	212.8	186.2	150.7	106.4	79.8	53.2	44.3	35.5	35.5	44.3	44.3
20°	203.9	177.3	133.0	88.7	62.1	44.3	26.6	26.6	26.6	26.6	26.6
22.5°	203.9	177.3	124.1	79.8	53.2	26.6	17.7	17.7	17.7	17.7	26.6
25°	203.9	168.4	106.4	62.1	35.5	17.7	8.9	8.9	8.9	8.9	8.9
27.5°	203.9	168.4	97.5	53.2	26.6	17.7	8.9	0.0	0.0	0.0	0.0
30°	195.0	159.6	88.7	44.3	17.7	8.9	0.0	0.0	0.0	0.0	0.0
32.5°	195.0	150.7	70.9	35.5	17.7	8.9	0.0	0.0	0.0	0.0	0.0
35°	203.9	141.8	62.1	26.6	8.9	0.0	0.0	0.0	0.0	0.0	8.9
37.5°	212.8	133.0	53.2	17.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	221.6	124.1	53.2	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	239.4	124.1	44.3	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	257.1	124.1	35.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	292.6	133.0	35.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	319.2	141.8	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	354.6	133.0	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	399.0	133.0	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	434.4	124.1	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	452.1	115.3	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	540.8	106.4	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	842.2	88.7	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1711.1	79.8	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3191.6	70.9	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3572.8	79.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2251.9	62.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1188.0	62.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	594.0	62.1	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	274.8	44.3	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	115.3	26.6	17.7	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	53.2	26.6	17.7	17.7	8.9	8.9	0.0	0.0	0.0	0.0	0.0
87.5°	26.6	26.6	26.6	17.7	17.7	8.9	8.9	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

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

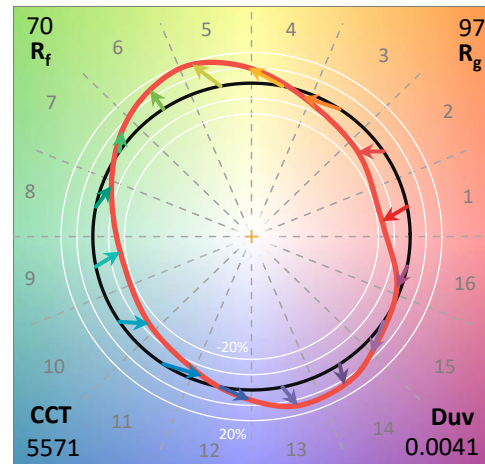
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

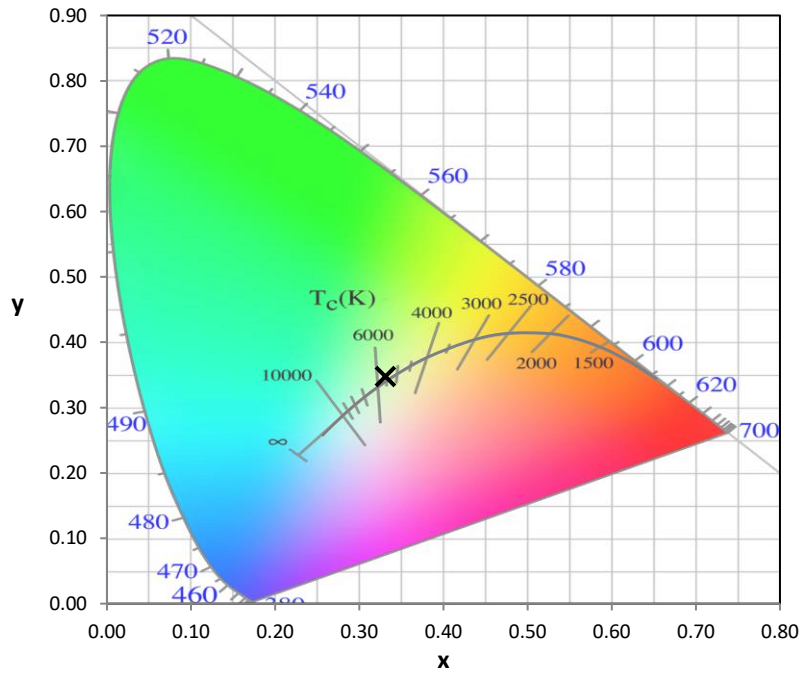
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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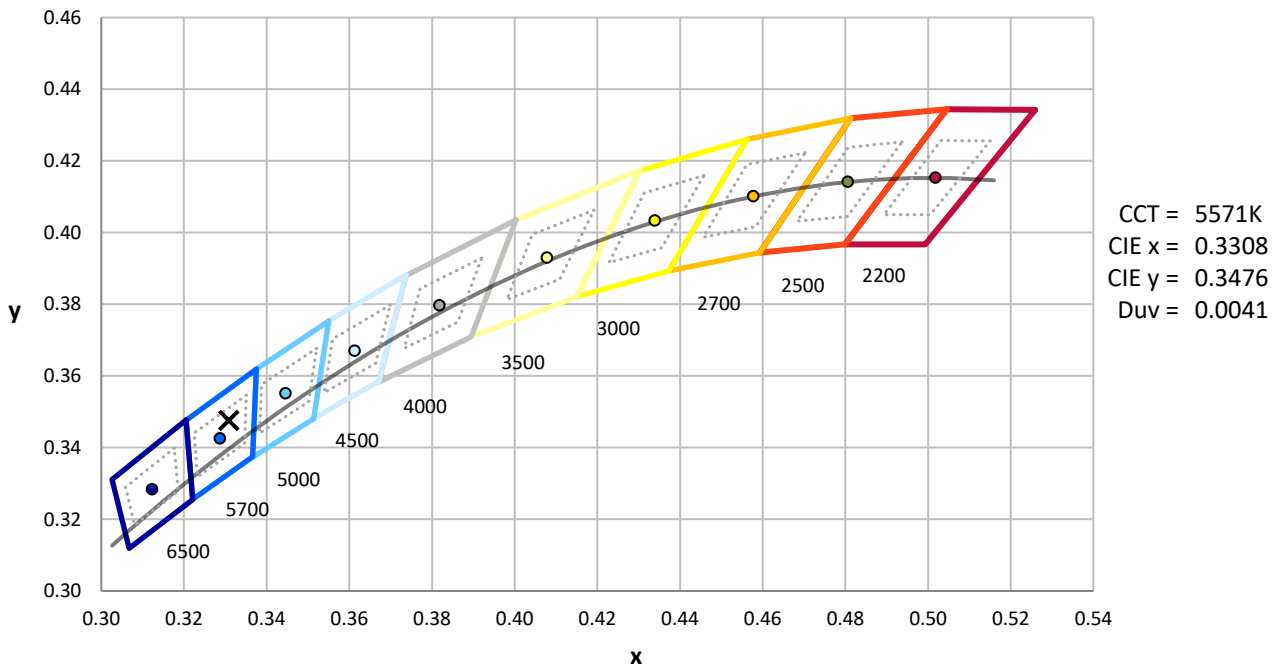
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



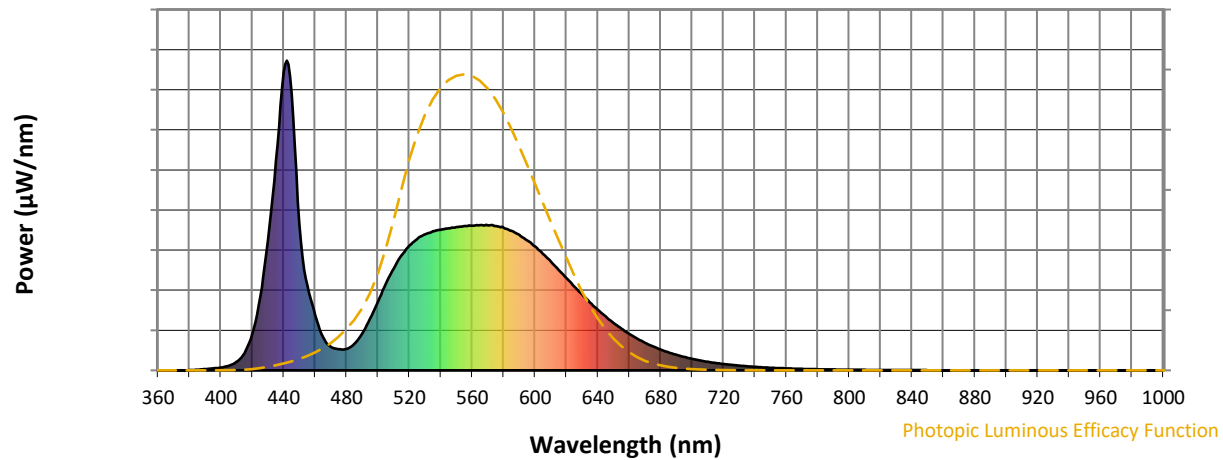
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

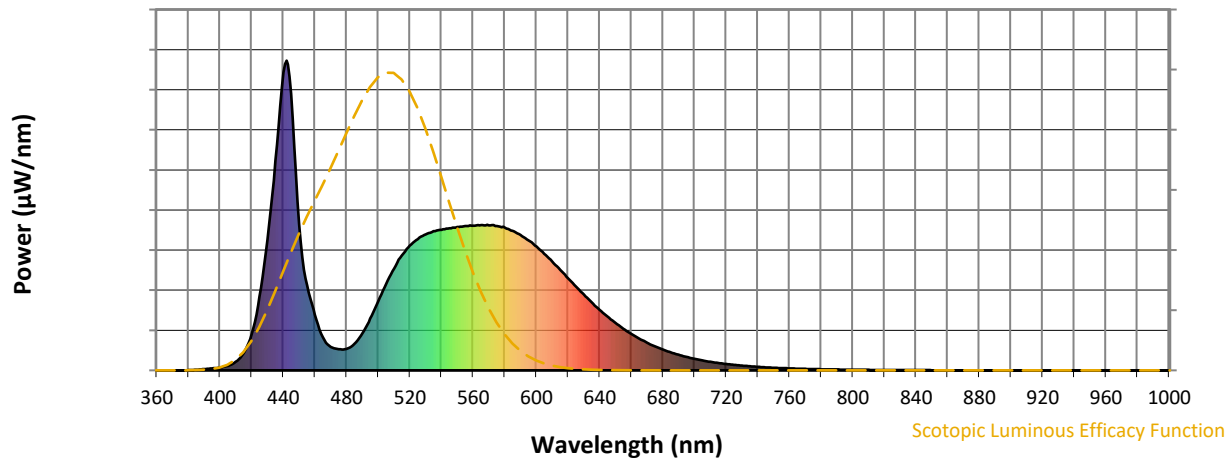


Photopic Lumens: NR

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



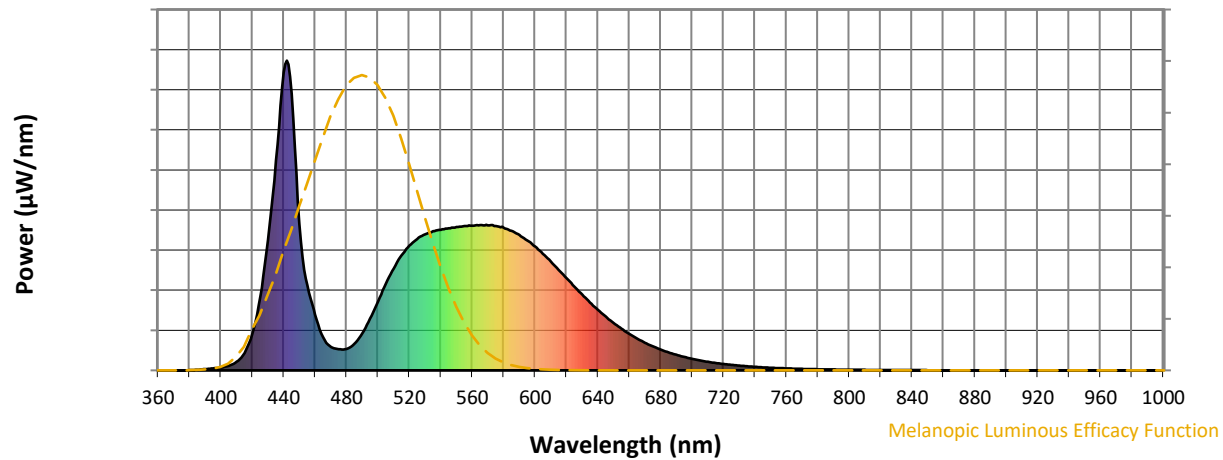
Scotopic Lumens: NR

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

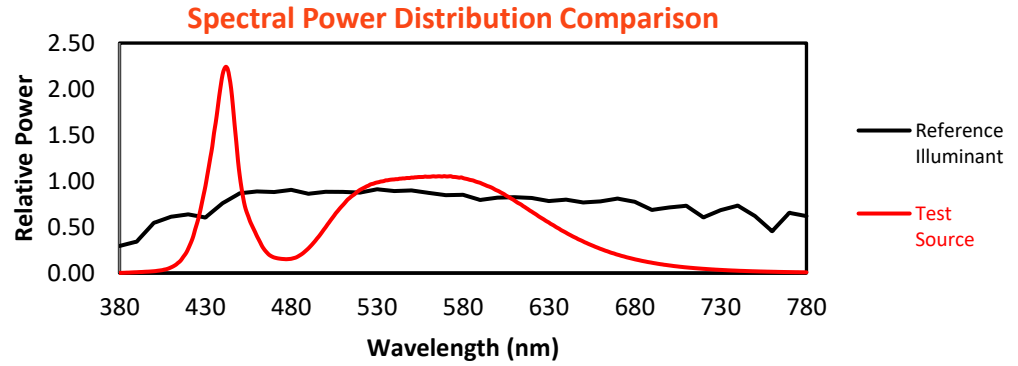
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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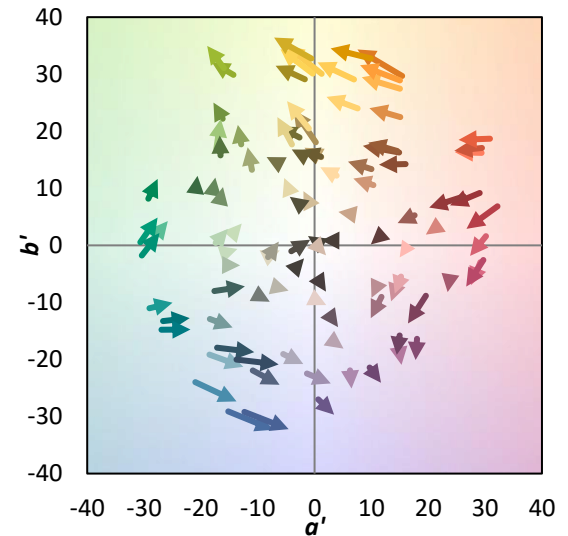
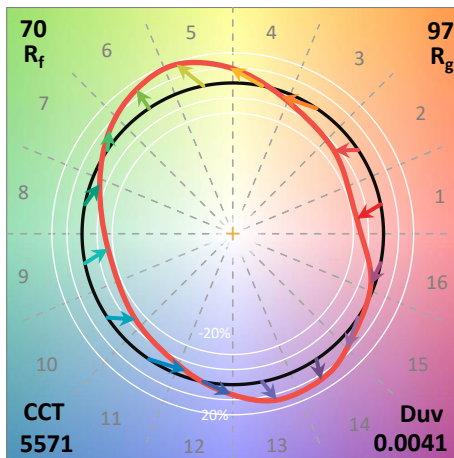
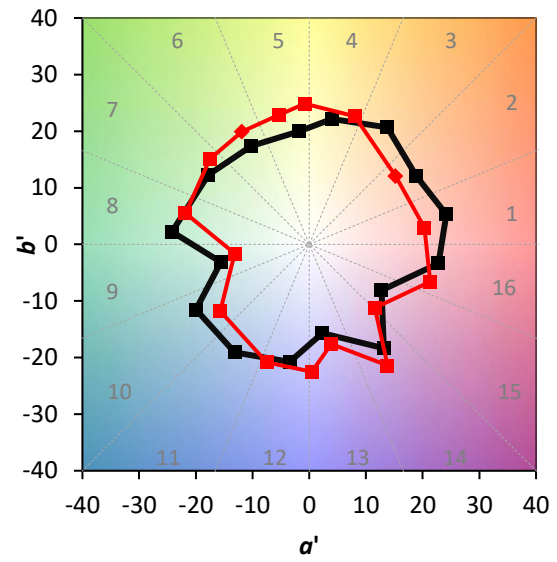
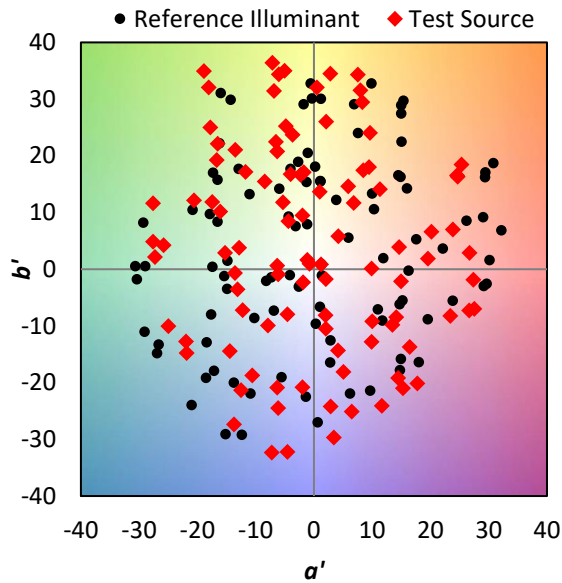
TM-30-18

Summary

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

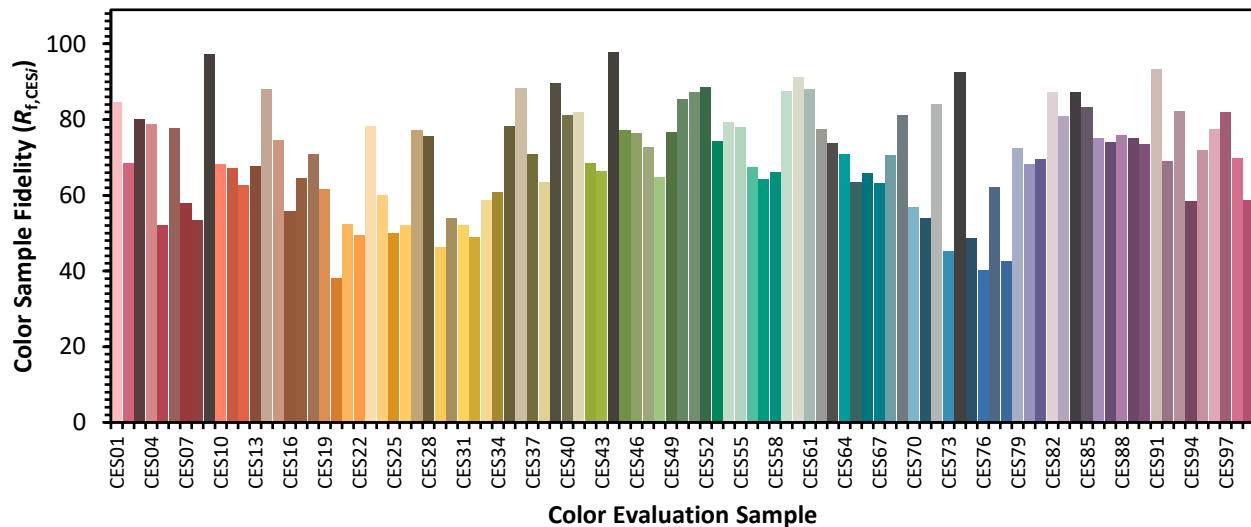


Color Vector Graphics

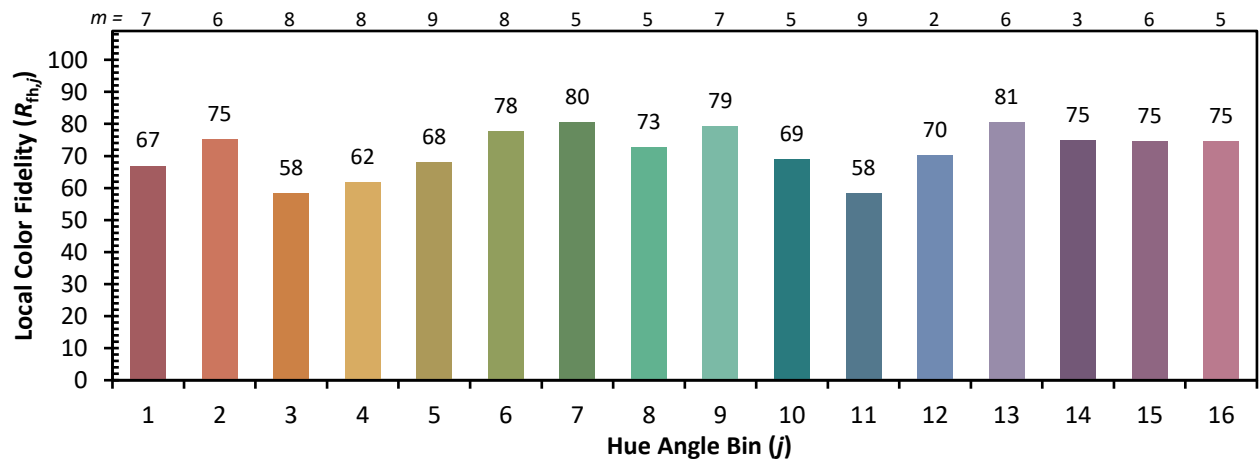
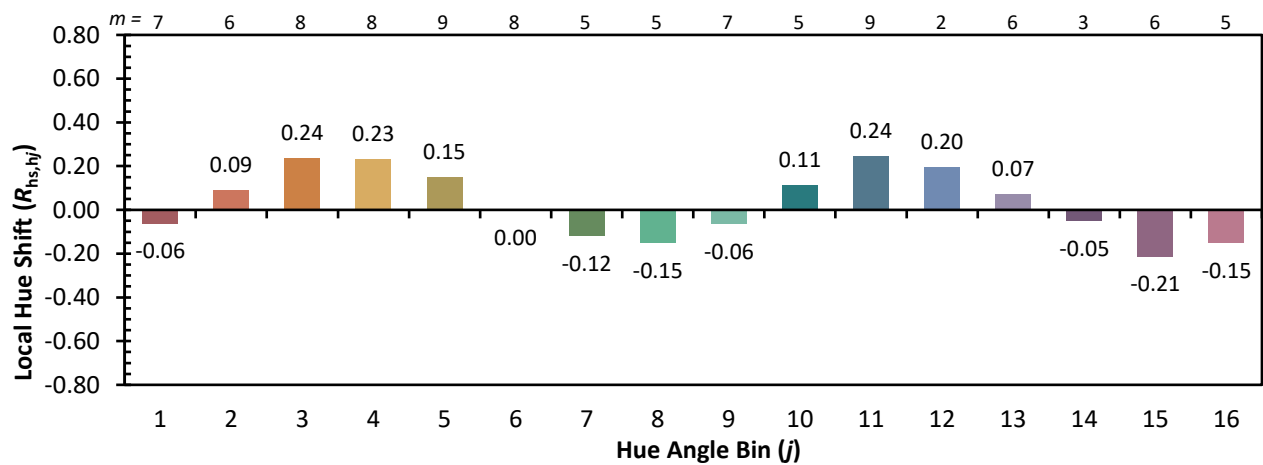
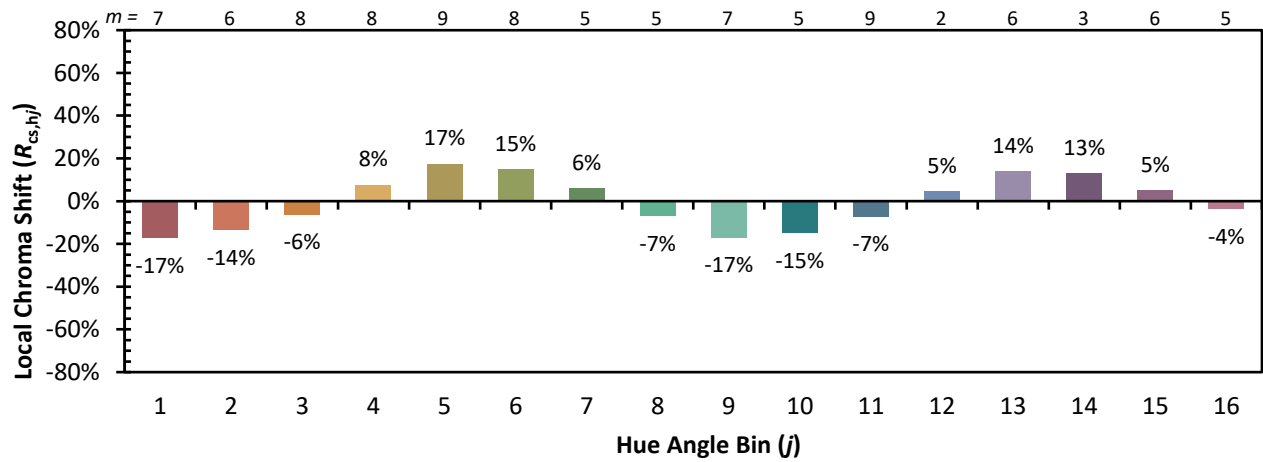


Individual Sample Fidelity Index ($R_{f,i}$)

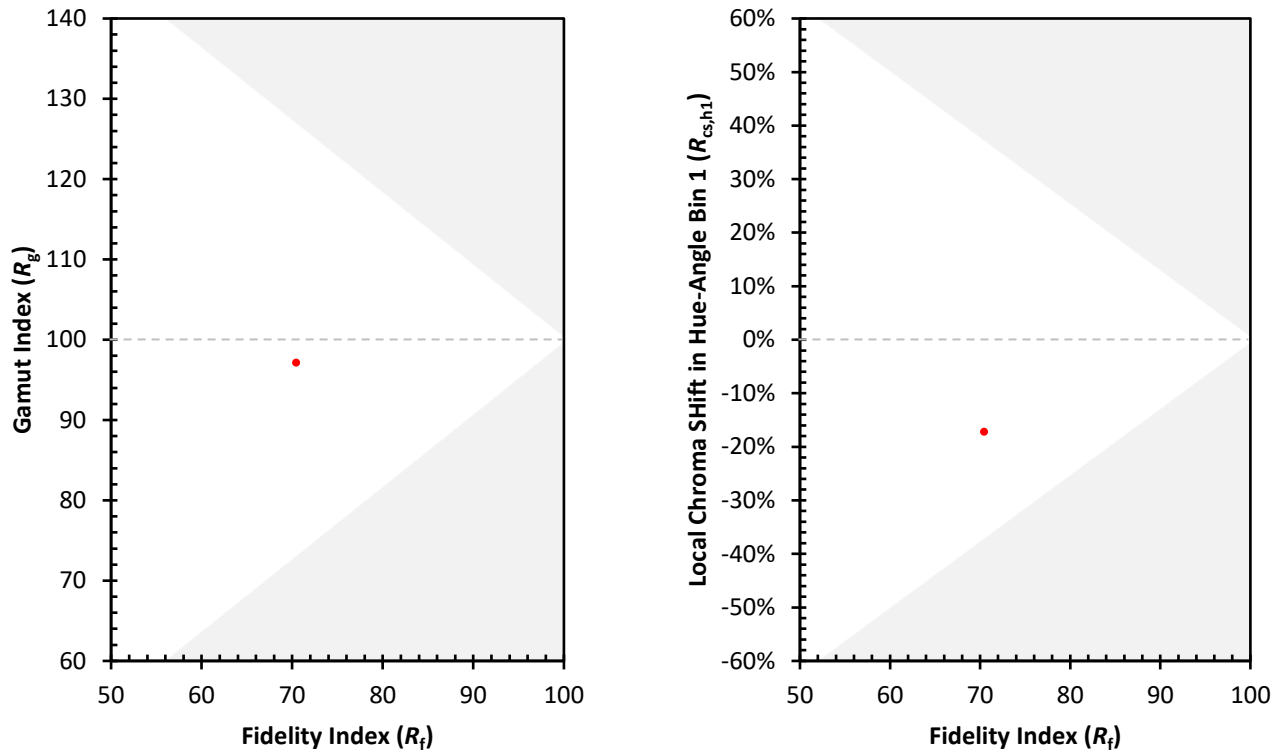
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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