

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: P1047206

Luminaire Tested: **GALN-SA4B-750-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047206
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-750-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18978.7 lumens
Efficiency: N/A
Efficacy: 131.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 144.1
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

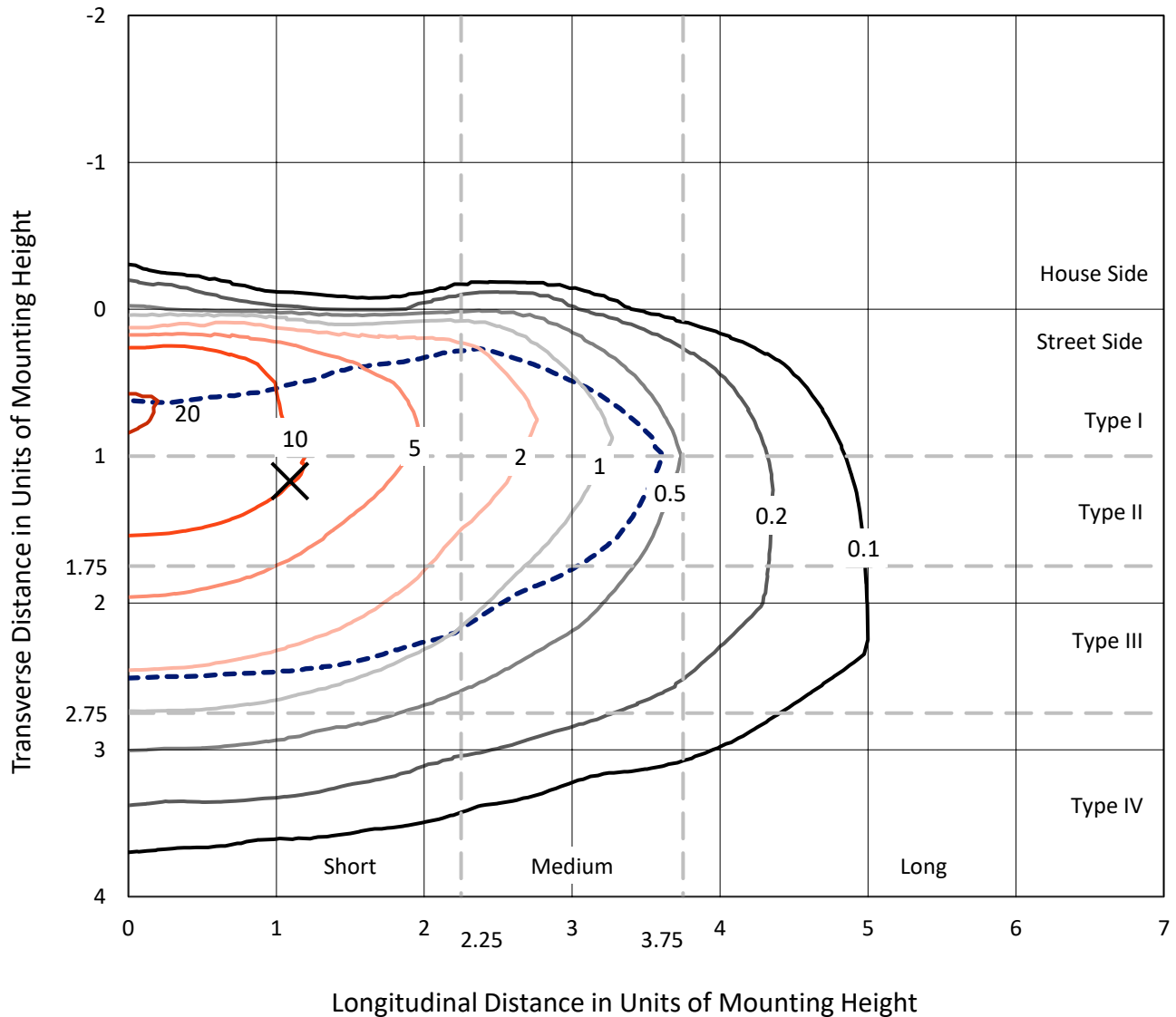


REPORT NUMBER: P1047206

CATALOG NUMBER: GALN-SA4B-750-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

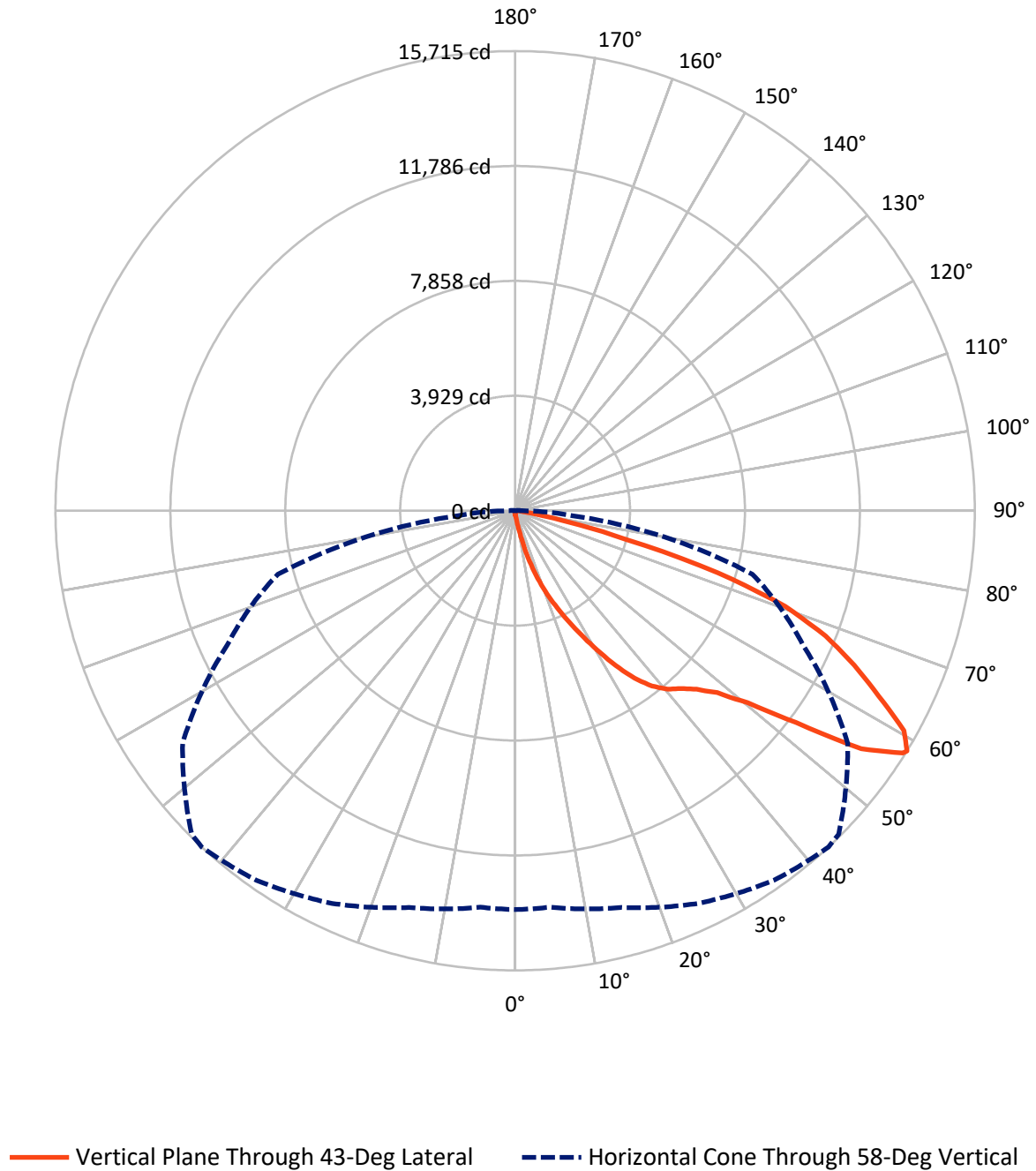


Based on 15 foot mounting height. Maximum calculated value = 21.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1047206

CATALOG NUMBER: GALN-SA4B-750-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.3	0.0	69.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18909.4	0.0	18909.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	18978.7	0.0	18978.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	0.1
10°-20°	218.2	1.1
20°-30°	786.3	4.1
30°-40°	1799.1	9.5
40°-50°	3034.3	16.0
50°-60°	5007.4	26.4
60°-70°	5596.4	29.5
70°-80°	2310.7	12.2
80°-90°	208.3	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°	18978.7	100.0
0°-180°	18978.7	100.0



REPORT NUMBER: P1047206

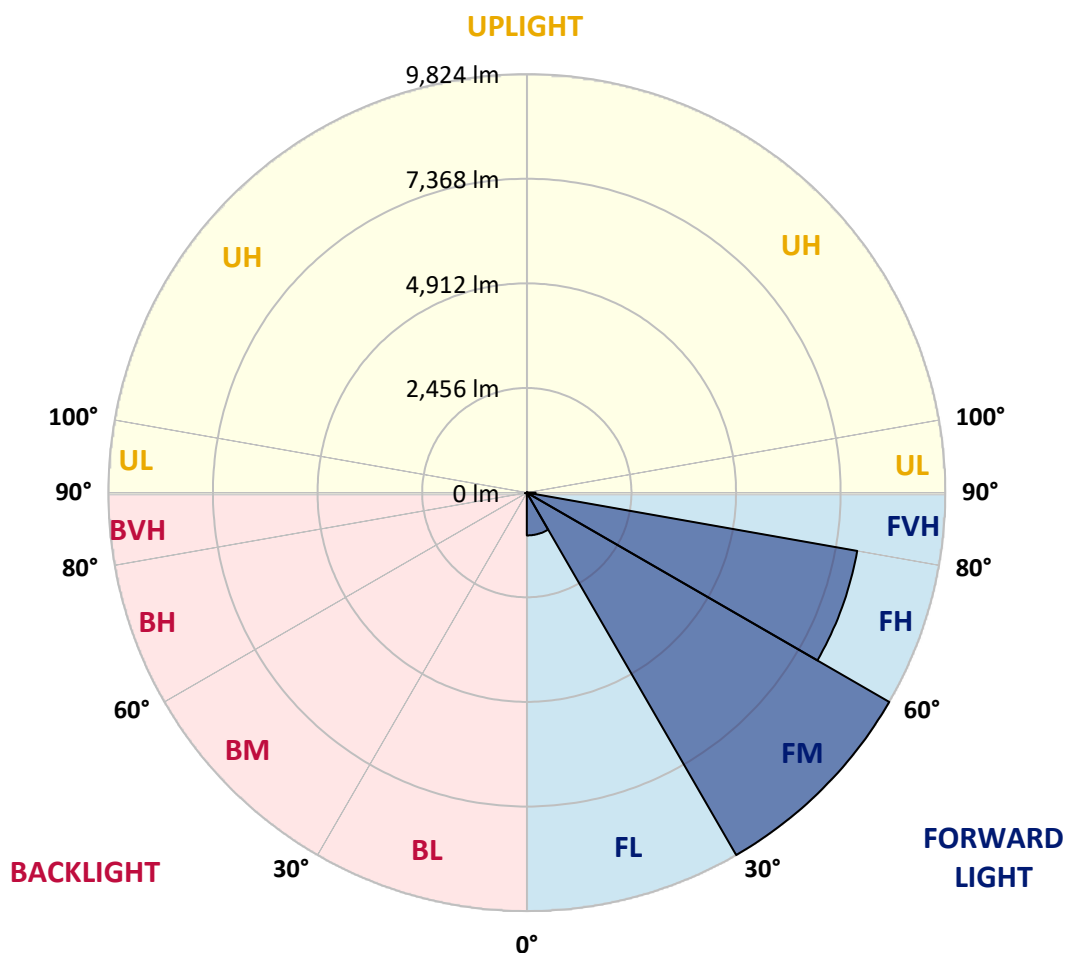
CATALOG NUMBER: GALN-SA4B-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1004.6	5.3			
FM	(30°-60°)	9824.1	51.8			
FH	(60°-80°)	7875.3	41.5			G4/12000
FVH	(80°-90°)	205.4	1.1			G2/225
BL	(0°-30°)	18.1	0.1	B0/110		
BM	(30°-60°)	16.6	0.1	B0/220		
BH	(60°-80°)	31.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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-G4

Type III Short



REPORT NUMBER: P1047206

CATALOG NUMBER: GALN-SA4B-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1
2.5°	148.9	153.9	148.9	148.9	148.9	143.9	143.9	139.0	139.0	134.0	129.1
5°	218.4	218.4	203.5	193.6	183.7	178.7	173.7	163.8	153.9	143.9	134.0
7.5°	486.4	486.4	441.8	382.2	302.8	258.1	248.2	203.5	173.7	153.9	134.0
10°	1161.5	1161.5	1062.2	898.4	694.9	516.2	461.6	292.9	208.5	163.8	139.0
12.5°	1930.9	1955.7	1831.6	1623.1	1320.3	1007.6	898.4	536.1	278.0	178.7	139.0
15°	2620.8	2561.3	2526.5	2328.0	2040.1	1667.8	1528.8	903.4	402.1	203.5	139.0
17.5°	3087.4	3087.4	3037.8	2903.8	2640.7	2313.1	2198.9	1459.3	650.2	233.3	143.9
20°	3633.4	3633.4	3544.1	3449.8	3216.5	2938.5	2829.3	2074.8	1007.6	297.8	143.9
22.5°	4293.6	4303.5	4204.3	4035.5	3812.1	3504.4	3410.1	2645.7	1459.3	397.1	148.9
25°	5097.7	5107.7	4963.7	4804.9	4462.4	4129.8	3985.9	3300.9	2010.3	555.9	148.9
27.5°	5986.2	6055.7	5842.3	5569.3	5206.9	4790.0	4680.8	3891.6	2556.3	784.3	158.8
30°	7093.2	7093.2	6810.2	6428.0	6035.9	5519.7	5380.7	4512.0	3137.1	1087.1	168.8
32.5°	8046.2	7971.7	7609.4	7207.3	6790.4	6308.9	6160.0	5162.3	3732.7	1464.3	188.6
35°	8775.9	8711.3	8264.6	7832.7	7470.4	7028.6	6849.9	5867.1	4363.1	1891.2	218.4
37.5°	9401.3	9376.5	8770.9	8229.8	7991.6	7604.4	7445.6	6532.3	4983.6	2352.8	253.1
40°	10086.3	10006.9	9361.6	8691.5	8334.1	8021.4	7877.4	7068.3	5579.2	2893.8	302.8
42.5°	10672.0	10577.7	9996.9	9341.7	8731.2	8309.3	8170.3	7520.0	6160.0	3434.9	367.3
45°	11322.2	11272.6	10686.9	10190.5	9376.5	8701.4	8517.7	7882.4	6691.1	4080.2	451.7
47.5°	12300.1	12210.8	11664.7	11257.7	10314.6	9297.0	9034.0	8254.7	7202.4	4715.5	580.8
50°	13436.8	13377.2	13054.6	12731.9	11793.8	10314.6	10001.9	8790.7	7773.2	5470.0	749.5
52.5°	14365.0	14355.1	14394.8	14399.8	13689.9	12027.1	11560.5	9654.4	8428.4	6214.6	987.8
55°	14345.2	14389.8	14826.6	15328.0	15382.6	14365.0	13913.3	11108.8	9282.2	7132.9	1320.3
57.5°	13809.1	13774.3	14235.9	14990.4	15521.6	15630.8	15556.3	13367.3	10567.8	8239.8	1831.6
58°	13635.3	13605.6	14042.4	14811.7	15422.3	15715.1	15640.7	13878.6	10855.7	8398.6	1970.6
60°	13004.9	13009.9	13268.0	13967.9	14578.4	15273.4	15342.9	15337.9	12290.2	9460.9	2670.5
62.5°	12171.0	12131.3	12369.6	12940.4	13476.5	13943.1	14062.2	15437.2	14389.8	10811.0	4005.7
65°	11019.5	10959.9	11213.0	11858.3	12434.1	12736.9	12741.9	14106.9	15377.6	12260.4	5911.8
67.5°	8880.1	8830.5	9336.8	10165.7	11054.2	11451.3	11630.0	12240.5	14543.7	13243.2	7003.8
70°	5440.2	5544.5	6249.3	7549.8	9068.7	9798.4	10066.4	10255.0	12384.5	13094.3	5857.2
72.5°	2511.6	2387.5	2988.2	3896.5	5628.9	7252.0	7530.0	8269.6	9818.2	11366.9	4368.1
75°	1171.4	1126.8	1265.7	1702.6	2551.4	3916.4	4422.7	6601.7	7530.0	7907.2	3152.0
77.5°	600.6	605.6	719.7	774.3	1052.3	1811.8	2079.8	4343.3	5519.7	4412.7	2114.5
80°	263.1	273.0	278.0	302.8	426.9	699.9	789.2	2015.3	3772.4	2248.6	1156.5
82.5°	168.8	173.7	173.7	173.7	203.5	278.0	317.7	809.1	1881.2	1116.8	357.4
85°	89.3	89.3	99.3	124.1	143.9	168.8	178.7	258.1	620.5	332.6	84.4
87.5°	49.6	54.6	59.6	74.5	94.3	114.2	124.1	178.7	238.3	228.3	19.9
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: P1047206

CATALOG NUMBER: GALN-SA4B-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1
2.5°	129.1	124.1	119.1	114.2	109.2	104.2	104.2	104.2	104.2	104.2	104.2
5°	124.1	119.1	114.2	104.2	94.3	89.3	84.4	79.4	79.4	79.4	79.4
7.5°	124.1	119.1	104.2	94.3	84.4	74.5	64.5	64.5	64.5	64.5	64.5
10°	124.1	114.2	99.3	84.4	69.5	59.6	54.6	49.6	49.6	49.6	49.6
12.5°	124.1	109.2	94.3	74.5	59.6	49.6	44.7	39.7	39.7	39.7	39.7
15°	124.1	109.2	89.3	69.5	54.6	39.7	34.7	29.8	29.8	29.8	29.8
17.5°	119.1	104.2	84.4	59.6	44.7	29.8	24.8	19.9	19.9	24.8	24.8
20°	114.2	99.3	74.5	49.6	34.7	24.8	14.9	14.9	14.9	14.9	14.9
22.5°	114.2	99.3	69.5	44.7	29.8	14.9	9.9	9.9	9.9	9.9	14.9
25°	114.2	94.3	59.6	34.7	19.9	9.9	5.0	5.0	5.0	5.0	5.0
27.5°	114.2	94.3	54.6	29.8	14.9	9.9	5.0	0.0	0.0	0.0	0.0
30°	109.2	89.3	49.6	24.8	9.9	5.0	0.0	0.0	0.0	0.0	0.0
32.5°	109.2	84.4	39.7	19.9	9.9	5.0	0.0	0.0	0.0	0.0	0.0
35°	114.2	79.4	34.7	14.9	5.0	0.0	0.0	0.0	0.0	0.0	5.0
37.5°	119.1	74.5	29.8	9.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	124.1	69.5	29.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	134.0	69.5	24.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	143.9	69.5	19.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	163.8	74.5	19.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	178.7	79.4	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	198.5	74.5	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	223.4	74.5	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	243.2	69.5	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	253.1	64.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	302.8	59.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	471.6	49.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	958.0	44.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1786.9	39.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2000.4	44.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1260.8	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	665.1	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	332.6	34.7	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	153.9	24.8	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	64.5	14.9	9.9	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.8	14.9	9.9	9.9	5.0	5.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.9	14.9	14.9	9.9	9.9	5.0	5.0	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

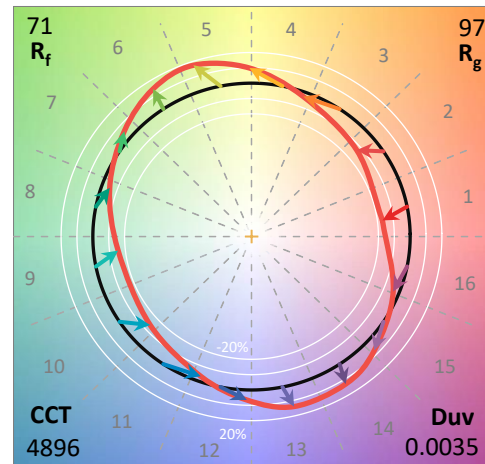
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

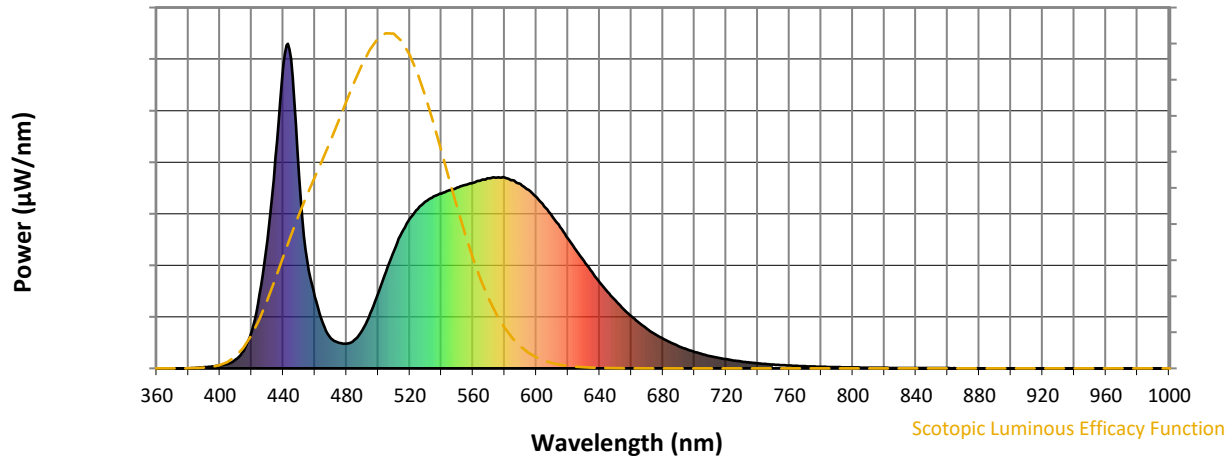


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



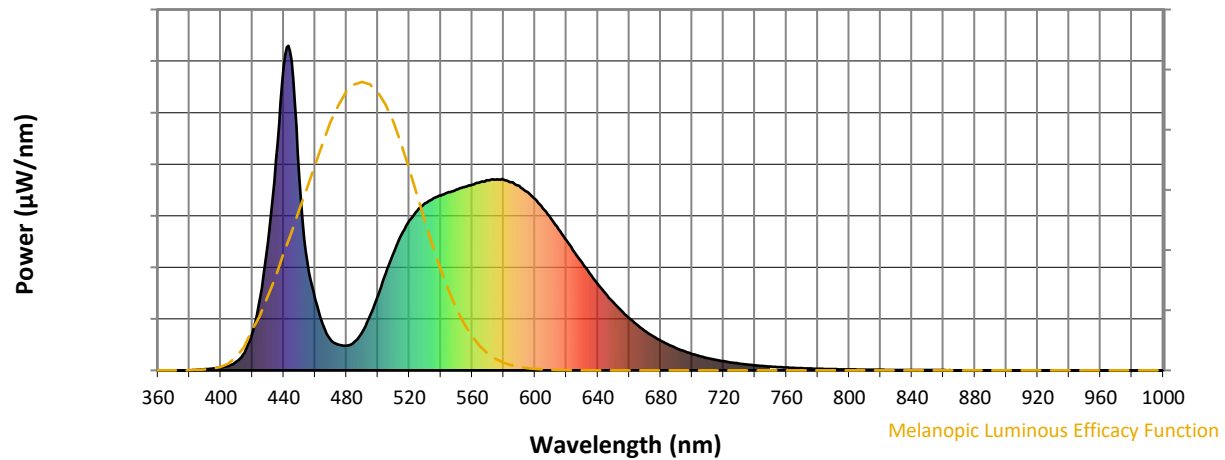
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

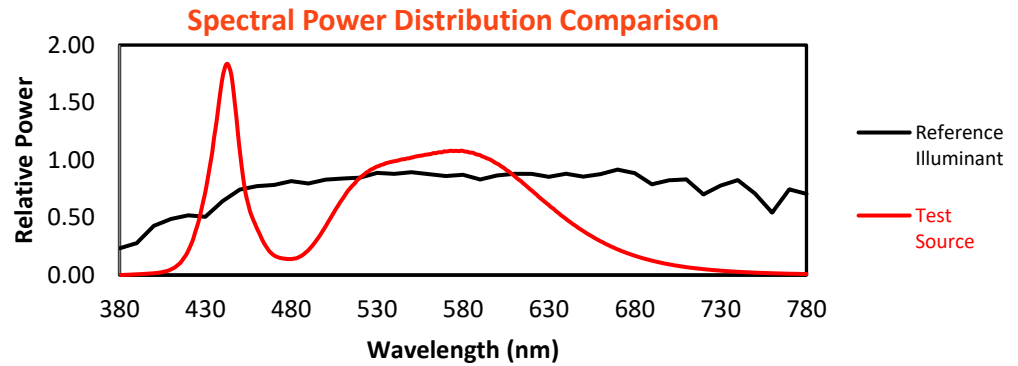
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

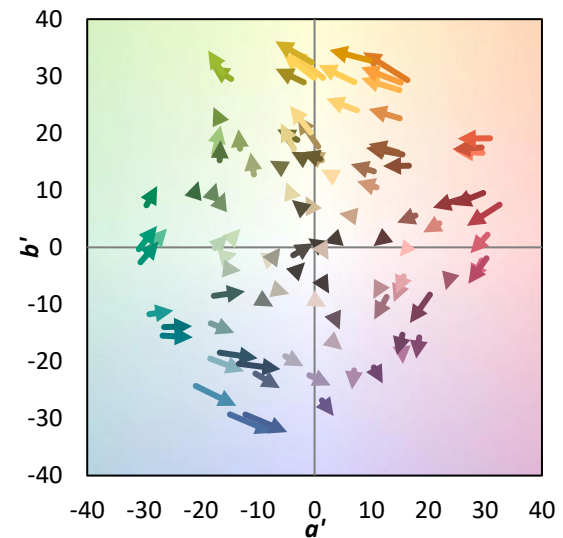
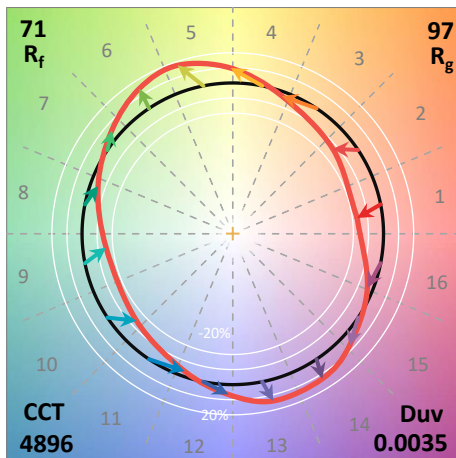
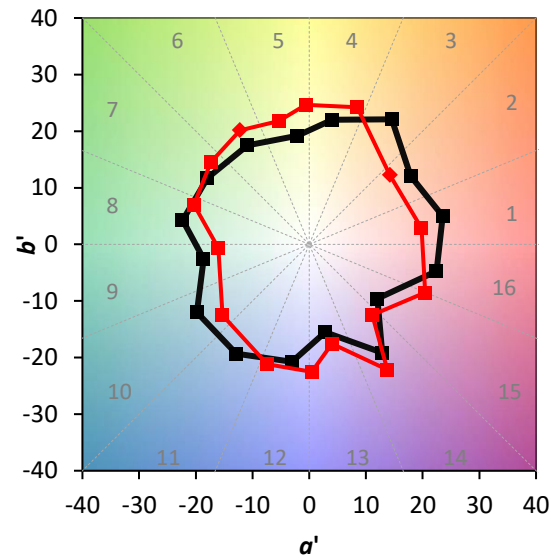
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$

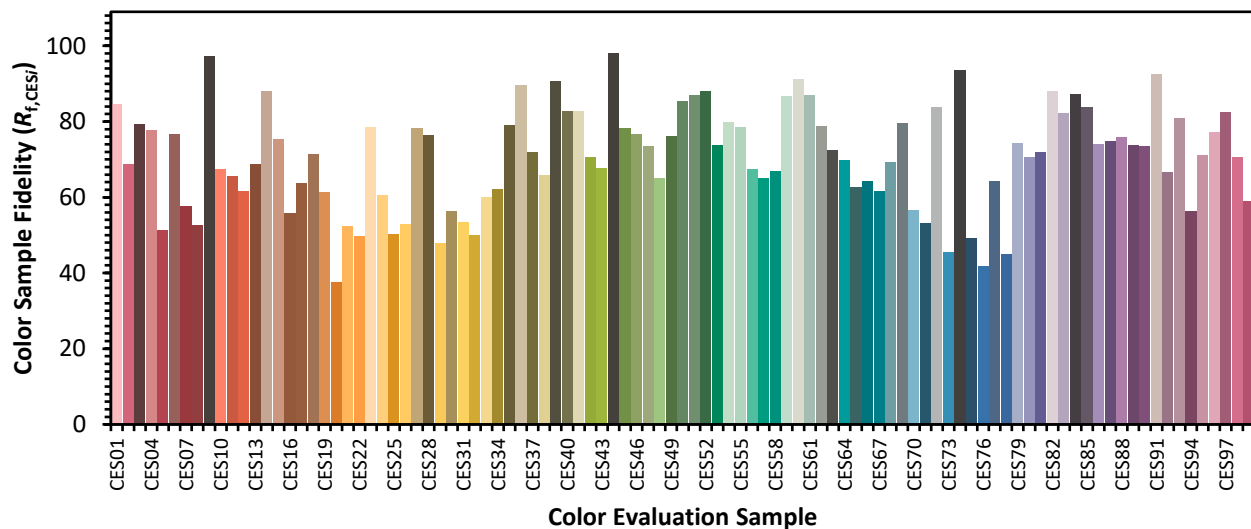


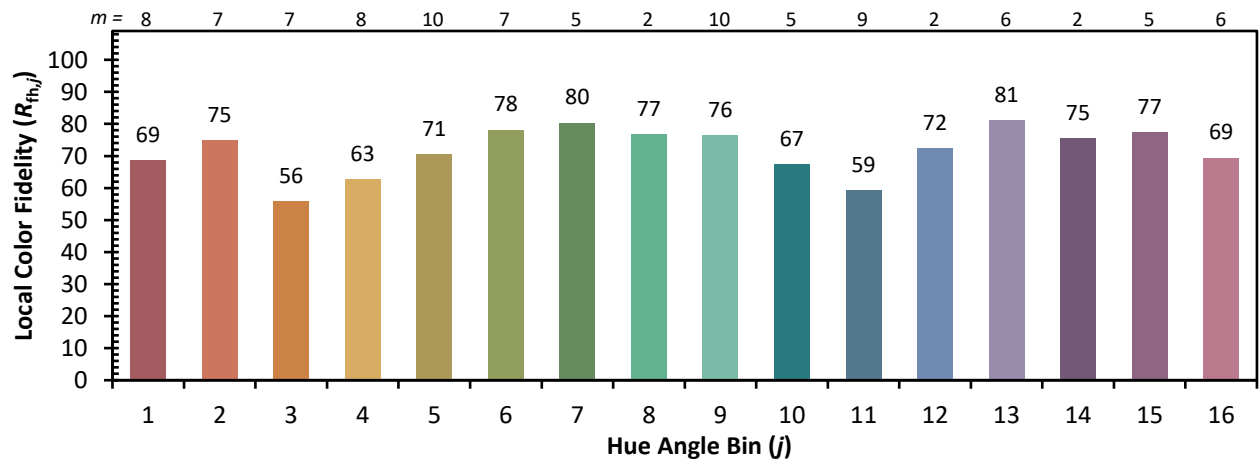
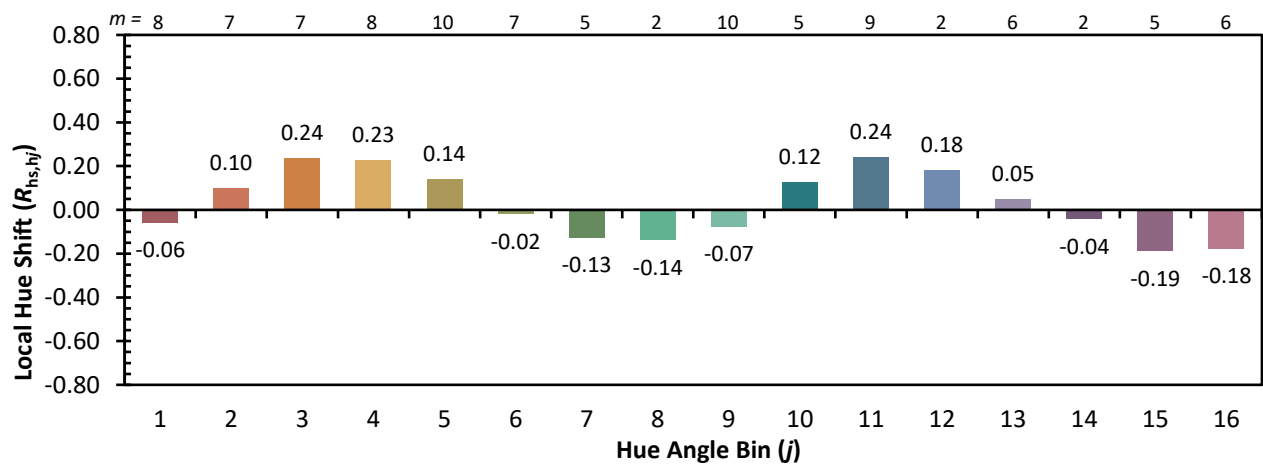
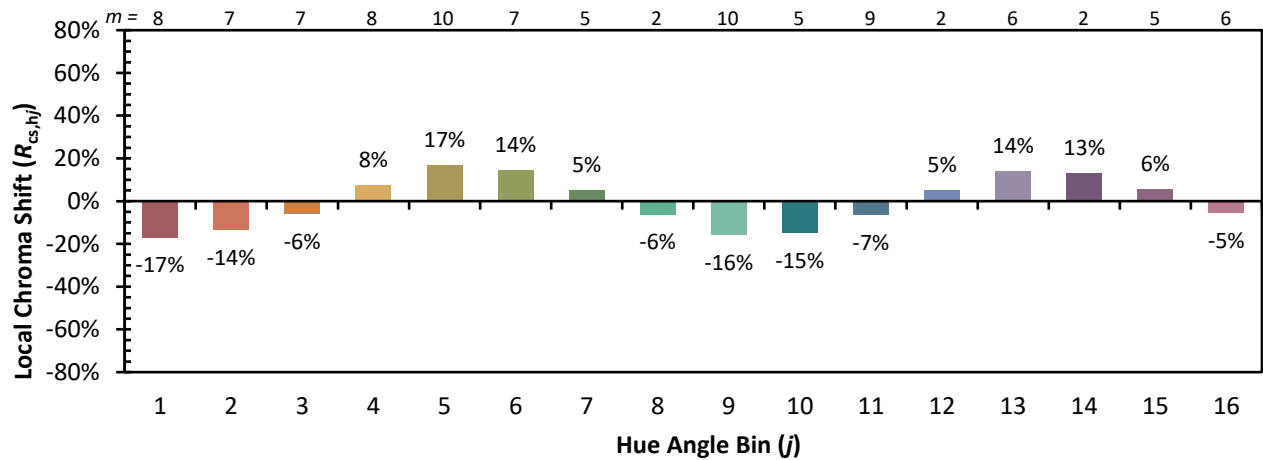
Color Vector Graphics



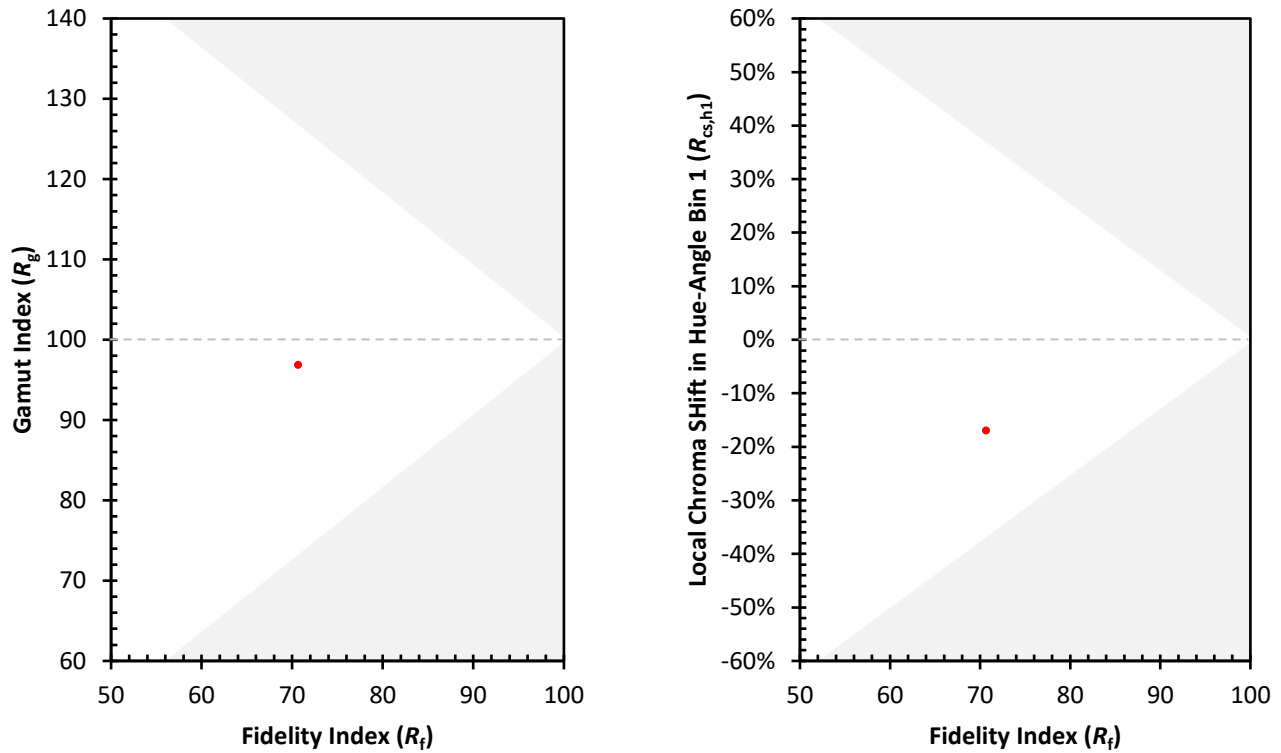
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)