

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: P1047817

Luminaire Tested: **GALN-SA4A-750-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047817
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-750-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14605.1 lumens
Efficiency: N/A
Efficacy: 136.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107.4
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



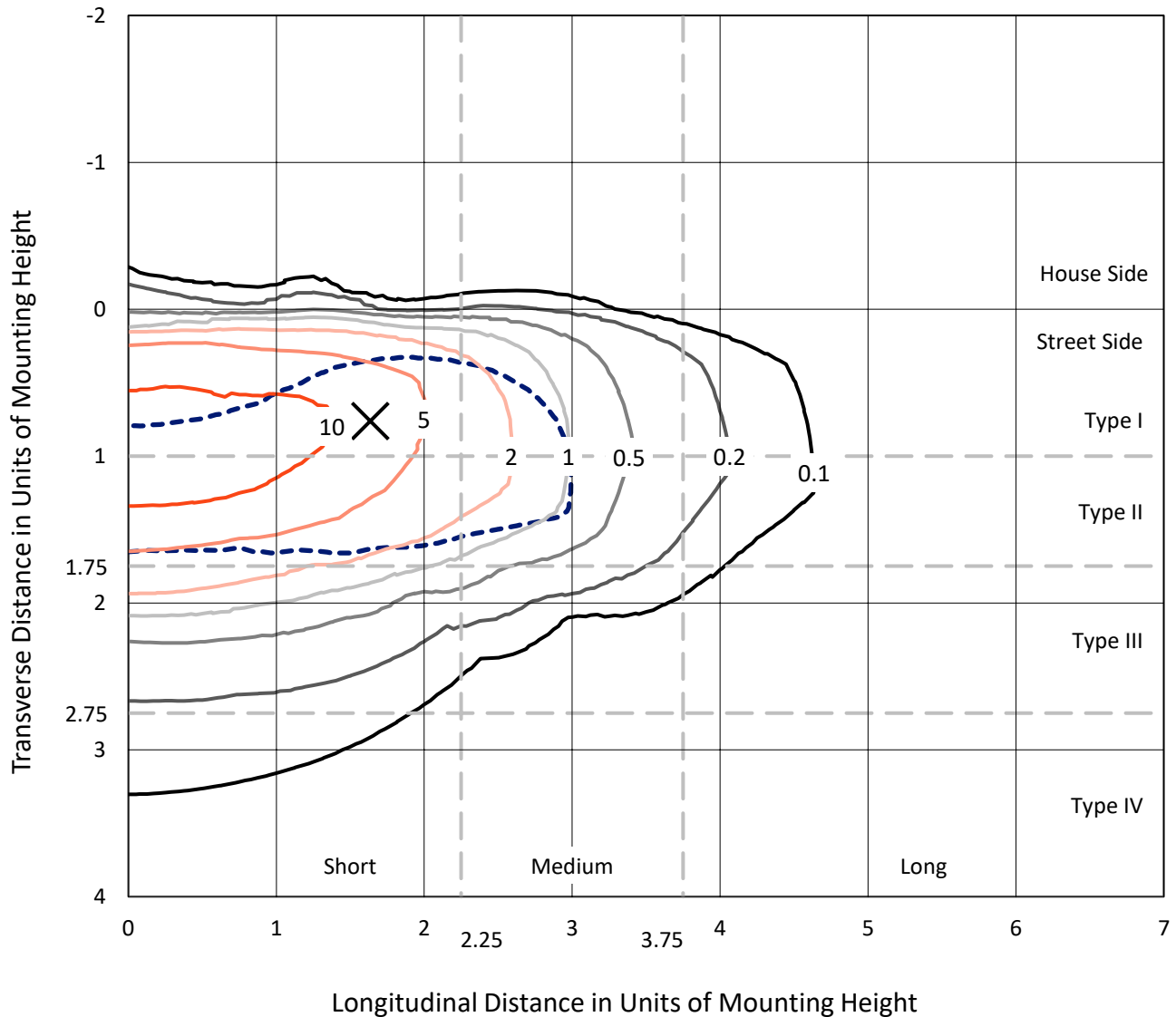
REPORT NUMBER: P1047817

CATALOG NUMBER: GALN-SA4A-750-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

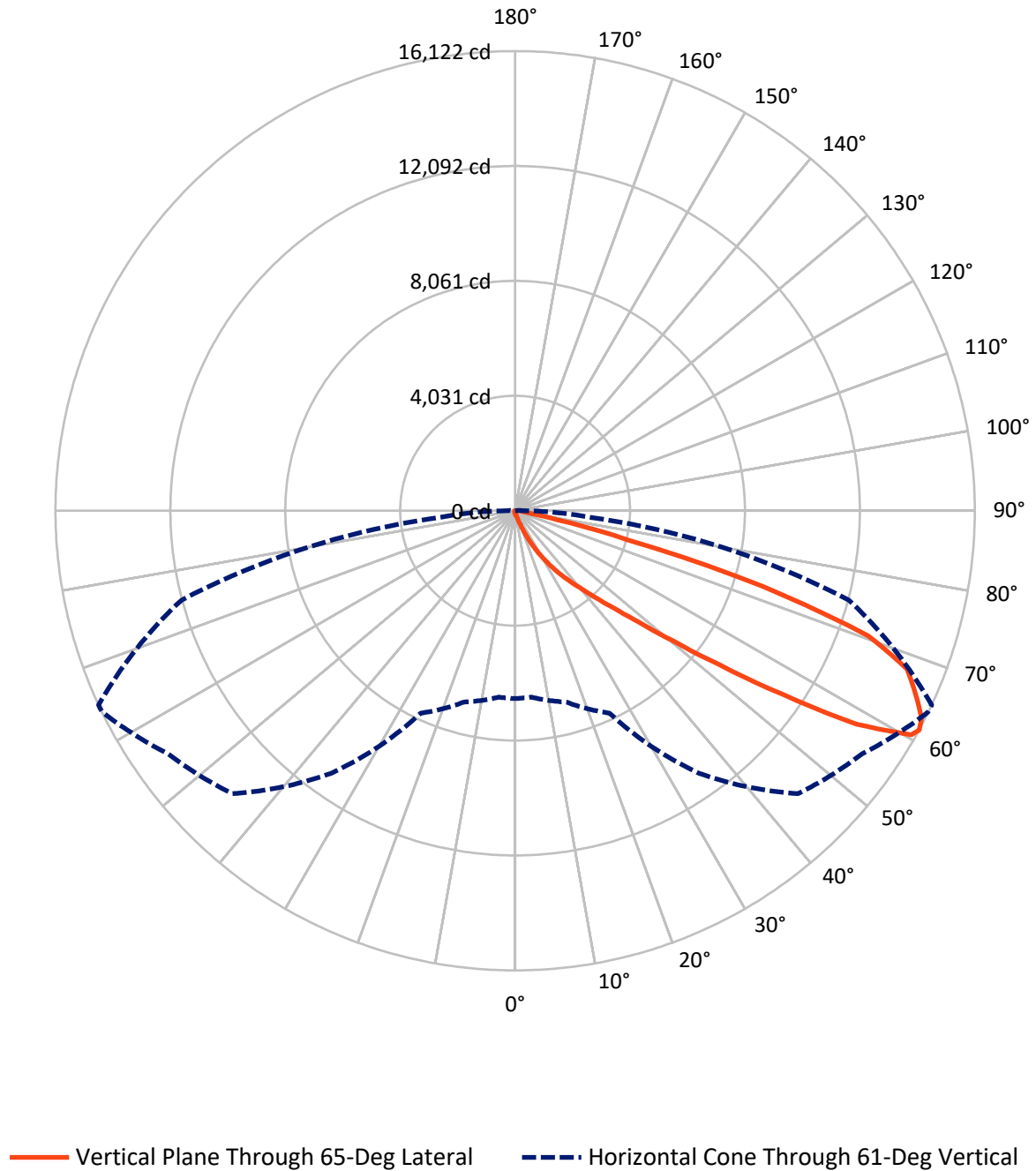


Based on 15 foot mounting height. Maximum calculated value = 19.3 fc
 Type II - Short - N/A

REPORT NUMBER: P1047817

CATALOG NUMBER: GALN-SA4A-750-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047817

CATALOG NUMBER: GALN-SA4A-750-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.3	0.0	62.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14542.8	0.0	14542.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	14605.1	0.0	14605.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	0.1
10°-20°	120.1	0.8
20°-30°	431.0	3.0
30°-40°	1147.5	7.9
40°-50°	3014.6	20.6
50°-60°	4670.2	32.0
60°-70°	3915.8	26.8
70°-80°	1152.4	7.9
80°-90°	142.2	1.0
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°	14605.1	100.0
0°-180°	14605.1	100.0



REPORT NUMBER: P1047817

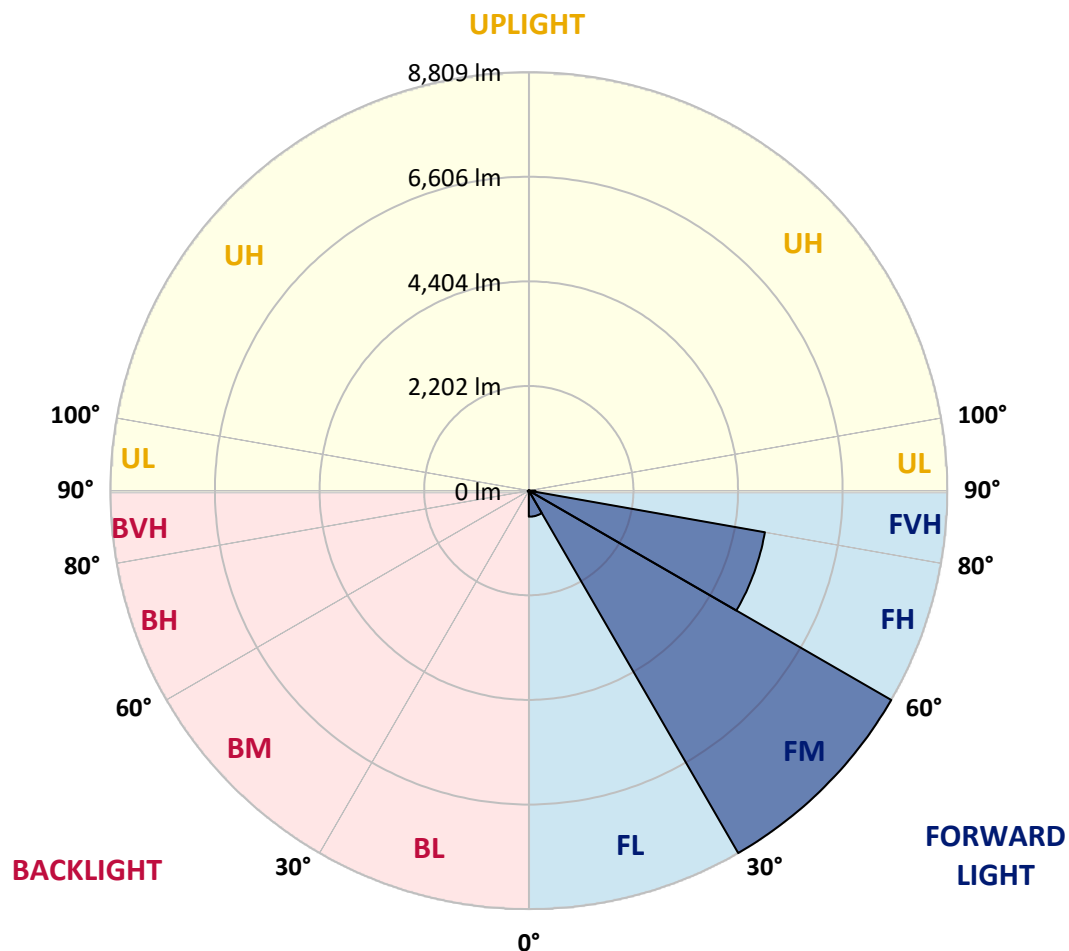
CATALOG NUMBER: GALN-SA4A-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	548.5	3.8			
FM	(30°-60°)	8808.5	60.3			
FH	(60°-80°)	5046.2	34.6			G3/7500
FVH	(80°-90°)	139.5	1.0			G2/225
BL	(0°-30°)	14.0	0.1	B0/110		
BM	(30°-60°)	23.7	0.2	B0/220		
BH	(60°-80°)	22.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G3

Type II Short



REPORT NUMBER: P1047817

CATALOG NUMBER: GALN-SA4A-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2.5°	108.5	109.5	107.5	103.5	100.5	100.5	99.5	96.4	96.4	93.4	91.4
5°	151.7	149.7	145.7	137.6	130.6	123.6	116.5	109.5	108.5	99.5	93.4
7.5°	248.2	250.2	237.1	212.0	190.9	163.8	138.6	123.6	121.6	106.5	94.4
10°	544.5	529.5	499.3	401.9	330.5	249.2	184.9	143.7	141.7	114.5	96.4
12.5°	992.6	980.6	925.3	824.8	641.0	446.1	270.3	177.8	171.8	121.6	97.5
15°	1430.7	1411.6	1381.4	1280.0	1065.0	799.7	442.1	243.1	227.1	131.6	96.4
17.5°	1710.0	1713.0	1685.8	1642.6	1504.0	1183.5	763.6	362.7	331.5	149.7	94.4
20°	1954.1	1947.1	1962.1	1939.0	1841.6	1608.5	1111.2	574.7	521.4	178.8	95.4
22.5°	2235.4	2252.5	2263.5	2258.5	2151.0	1952.1	1506.0	860.0	792.7	232.1	98.5
25°	2612.2	2610.1	2611.2	2598.1	2493.6	2272.6	1901.9	1214.7	1146.3	318.5	105.5
27.5°	3007.0	3019.0	3024.1	2976.9	2840.2	2623.2	2268.6	1602.5	1522.1	457.1	114.5
30°	3546.5	3536.5	3513.3	3416.9	3251.1	2981.9	2630.2	2009.4	1925.0	651.0	128.6
32.5°	4273.9	4262.8	4146.3	3933.3	3685.1	3355.6	2993.9	2417.2	2314.8	893.2	147.7
35°	5472.5	5489.5	5203.2	4651.6	4206.6	3804.7	3396.8	2823.1	2732.7	1191.5	173.8
37.5°	7308.0	7214.6	6825.8	5851.2	4892.8	4365.3	3781.6	3233.0	3154.7	1559.3	208.0
40°	9091.3	8998.9	8886.4	7963.1	6085.3	4983.2	4320.1	3714.3	3612.8	1974.2	258.2
42.5°	10966.0	10914.8	10909.8	10213.5	8261.4	5954.7	4968.1	4277.9	4191.5	2429.3	340.6
45°	12294.2	12243.0	12350.5	12472.0	11225.2	8036.4	6096.4	5010.3	4884.7	2981.9	472.2
47.5°	12473.0	12475.1	12762.4	13143.2	13427.5	11256.4	7599.4	5980.8	5828.1	3772.6	693.2
50°	11878.3	11901.4	12358.5	13039.7	13805.2	13958.0	10249.7	7389.4	7163.3	4709.9	1006.7
52.5°	10746.0	10772.1	11409.1	12529.3	13457.6	14607.0	13370.2	9232.0	8971.7	5879.4	1448.7
55°	9726.3	9742.3	10472.7	11888.3	13038.7	14254.3	15222.8	11692.4	11350.8	7318.1	1884.8
57.5°	8716.6	8679.4	9154.6	10775.1	12967.3	13821.3	15496.1	14496.5	14119.7	8890.4	2224.4
60°	7366.3	7304.0	7685.8	8716.6	12029.0	14105.6	14984.7	16047.7	15962.3	11079.6	2486.6
61°	6589.7	6563.5	6947.3	7831.4	11239.3	14033.3	14862.2	16113.0	16122.0	12115.4	2604.1
62.5°	4705.9	4780.2	5367.0	6516.3	9413.8	13564.1	14878.2	15911.0	16000.5	13491.8	2908.5
65°	2091.7	2211.3	2667.4	3602.8	5474.5	11283.5	14735.6	15468.0	15423.8	13869.5	3957.4
67.5°	1240.8	1258.9	1485.9	2041.5	2899.5	6069.2	13003.5	14882.3	14823.0	12074.2	4923.9
70°	977.5	986.6	1058.9	1281.0	1682.8	2324.8	7421.5	12875.9	13134.1	9790.6	4820.4
72.5°	927.3	925.3	935.4	974.5	1059.9	1153.4	2873.4	8558.8	9084.3	7050.8	4041.8
75°	915.3	911.2	901.2	886.1	767.6	679.2	890.1	3785.6	4090.0	4817.4	3043.2
77.5°	888.1	889.1	891.1	850.0	658.1	480.2	431.0	1214.7	1494.0	3057.2	2163.1
80°	600.8	609.8	624.9	608.8	591.8	347.6	304.4	432.0	438.0	1716.0	1428.6
82.5°	304.4	304.4	297.4	265.2	229.1	226.1	242.1	313.5	317.5	868.0	672.1
85°	183.9	193.9	197.9	179.8	164.8	151.7	184.9	249.2	258.2	336.6	156.7
87.5°	41.2	42.2	46.2	61.3	89.4	121.6	171.8	228.1	232.1	216.0	19.1
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: P1047817

CATALOG NUMBER: GALN-SA4A-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2.5°	90.4	88.4	87.4	84.4	81.4	78.4	76.4	75.4	76.4	77.4	77.4
5°	89.4	86.4	81.4	76.4	72.3	68.3	64.3	63.3	63.3	64.3	64.3
7.5°	89.4	84.4	77.4	71.3	65.3	59.3	56.3	54.3	55.3	55.3	55.3
10°	89.4	83.4	74.3	65.3	58.3	51.2	46.2	44.2	44.2	44.2	44.2
12.5°	88.4	82.4	71.3	60.3	50.2	42.2	36.2	33.2	34.2	34.2	34.2
15°	86.4	79.4	67.3	51.2	40.2	32.1	26.1	23.1	24.1	26.1	27.1
17.5°	83.4	76.4	60.3	43.2	32.1	24.1	18.1	16.1	17.1	20.1	20.1
20°	82.4	73.3	53.2	35.2	24.1	17.1	12.1	10.0	11.1	15.1	16.1
22.5°	82.4	71.3	48.2	29.1	18.1	11.1	7.0	4.0	4.0	7.0	7.0
25°	83.4	70.3	44.2	24.1	13.1	8.0	4.0	2.0	4.0	11.1	13.1
27.5°	85.4	69.3	42.2	20.1	10.0	7.0	3.0	7.0	12.1	12.1	12.1
30°	87.4	67.3	39.2	17.1	9.0	5.0	5.0	10.0	10.0	12.1	13.1
32.5°	90.4	66.3	37.2	15.1	7.0	4.0	7.0	6.0	6.0	7.0	8.0
35°	96.4	67.3	35.2	15.1	7.0	5.0	6.0	3.0	2.0	2.0	2.0
37.5°	104.5	68.3	32.1	13.1	6.0	6.0	3.0	0.0	0.0	0.0	0.0
40°	117.5	71.3	30.1	12.1	5.0	5.0	1.0	0.0	0.0	0.0	0.0
42.5°	139.6	77.4	29.1	11.1	5.0	4.0	0.0	0.0	0.0	0.0	0.0
45°	183.9	91.4	27.1	10.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0
47.5°	264.2	124.6	26.1	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	385.8	168.8	25.1	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	492.3	177.8	17.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	504.3	122.6	13.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	401.9	79.4	11.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	304.4	60.3	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	292.4	54.3	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	322.5	47.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	524.4	39.2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	911.2	34.2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1151.4	32.1	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1003.7	29.1	6.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	603.8	25.1	6.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	316.5	19.1	6.0	5.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0
80°	153.7	17.1	7.0	5.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.3	14.1	8.0	7.0	5.0	3.0	1.0	0.0	0.0	0.0	0.0
85°	27.1	12.1	9.0	8.0	7.0	4.0	1.0	0.0	0.0	0.0	0.0
87.5°	14.1	11.1	10.0	9.0	7.0	5.0	2.0	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

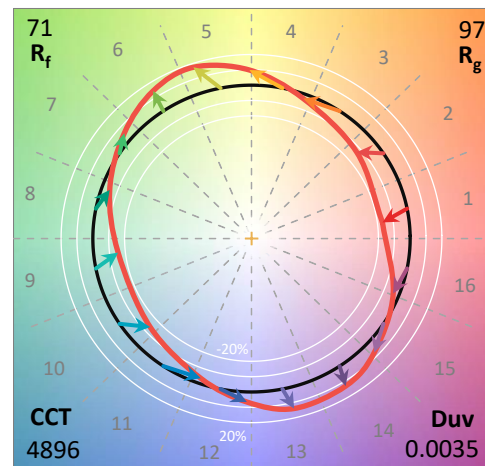
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

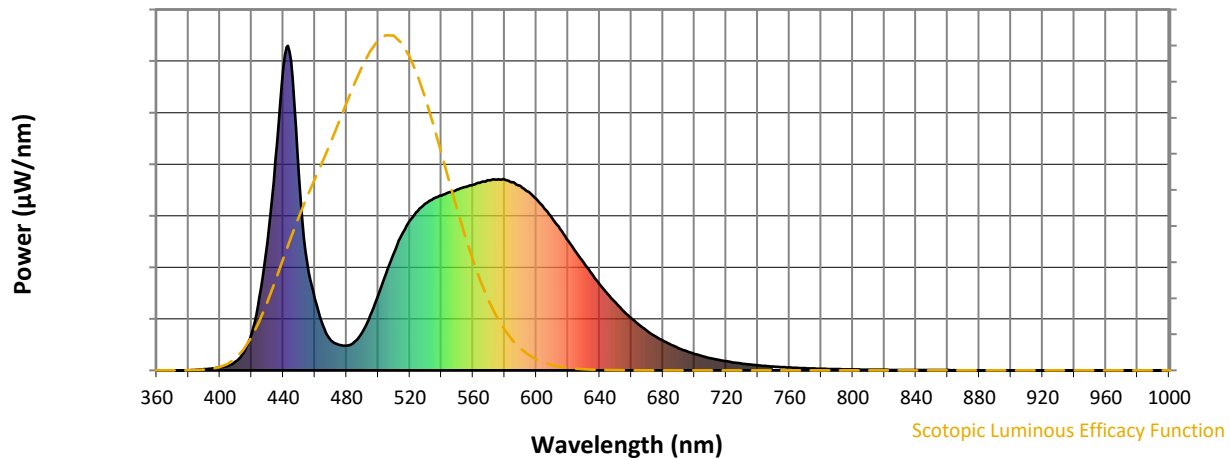


Photopic Lumens: NR

λ (nm)	Power W ^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

Scotopic Flux vs. Wavelength



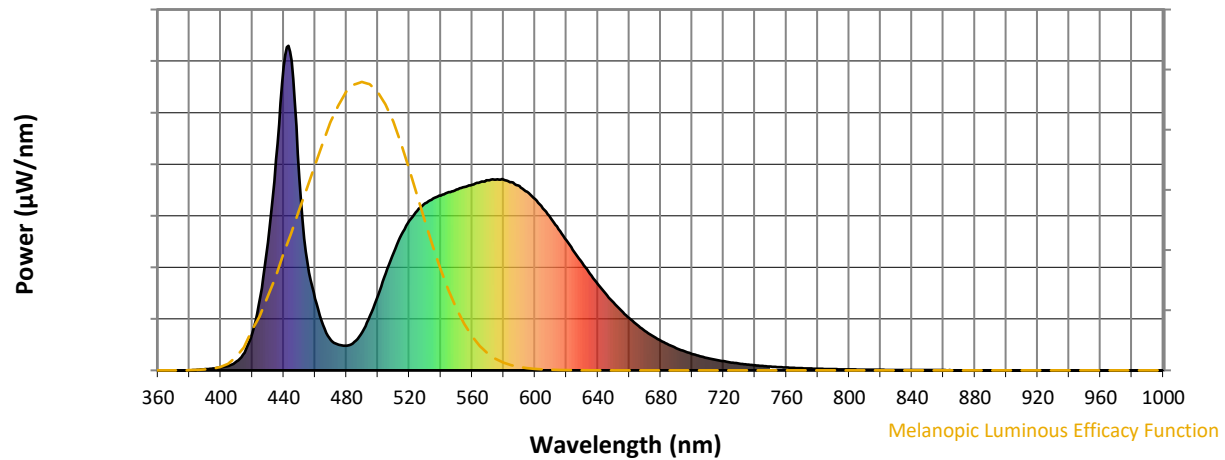
Scotopic Lumens: NR

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

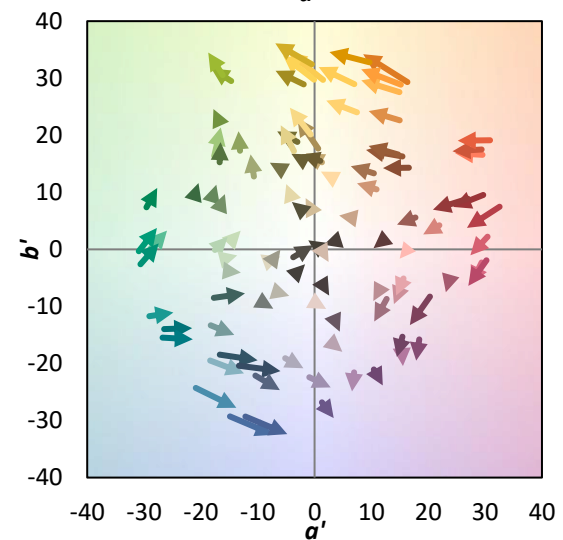
TM-30-18

Summary

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

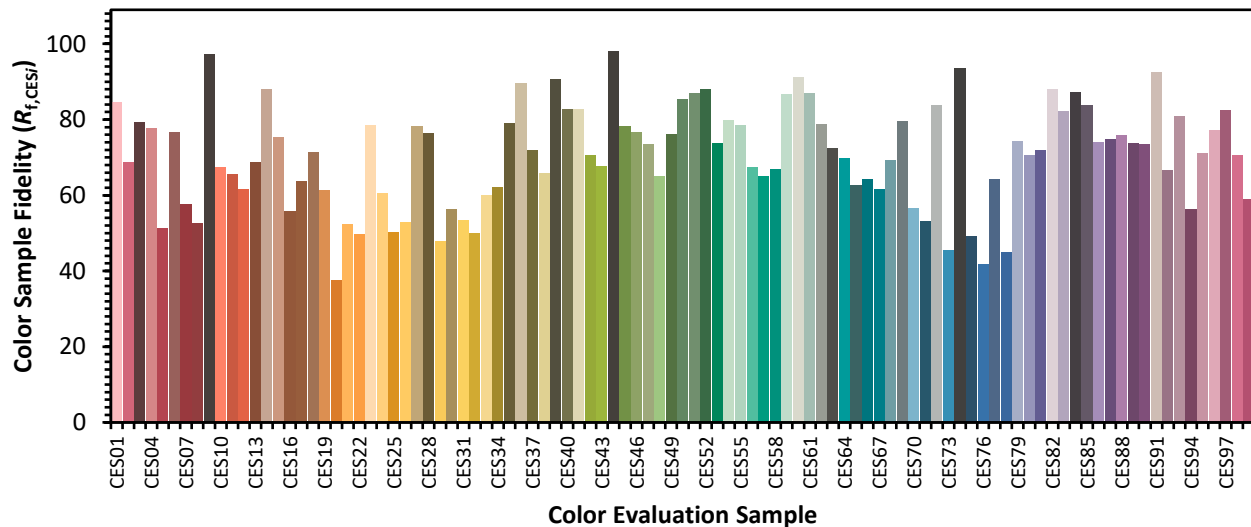


Color Vector Graphics

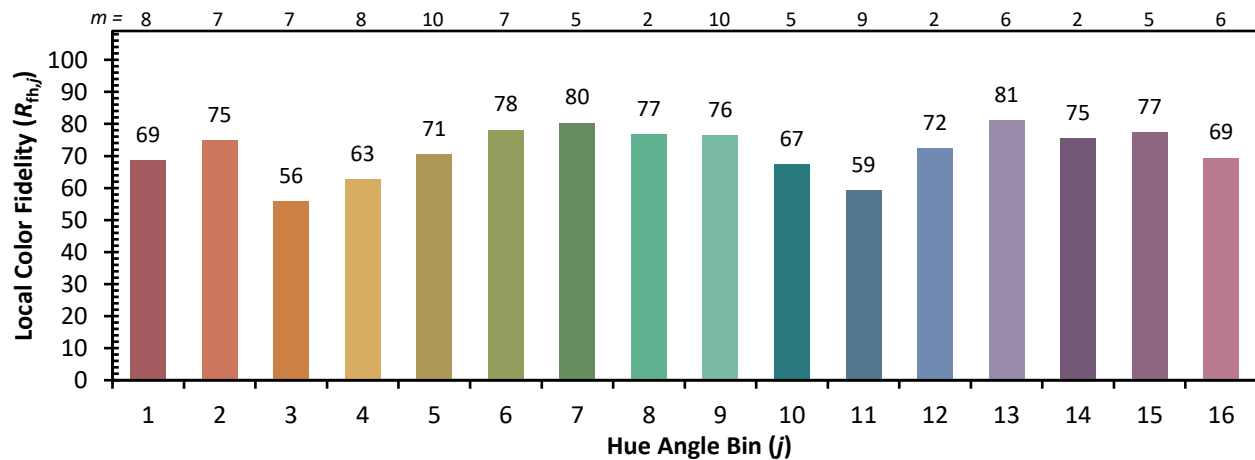
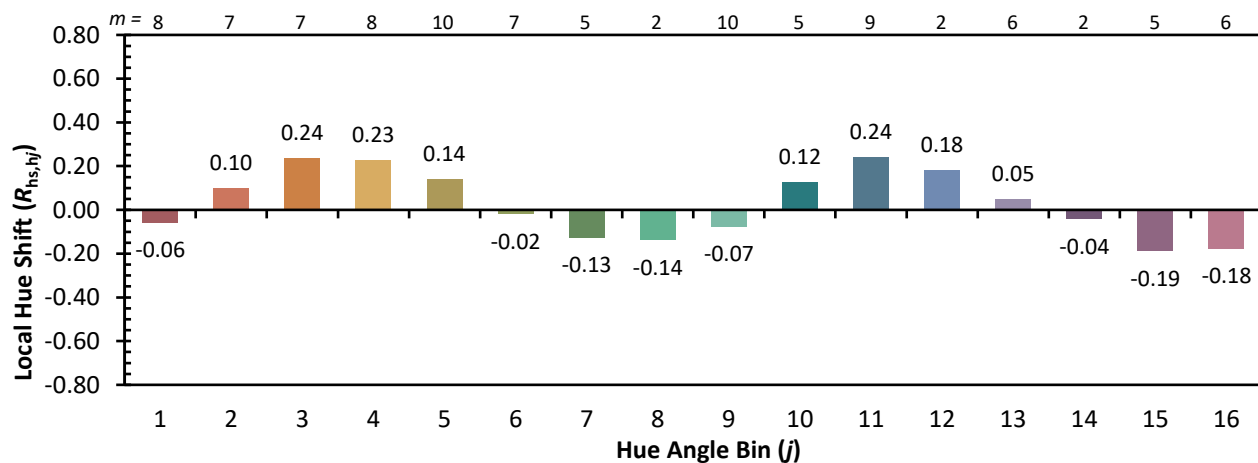
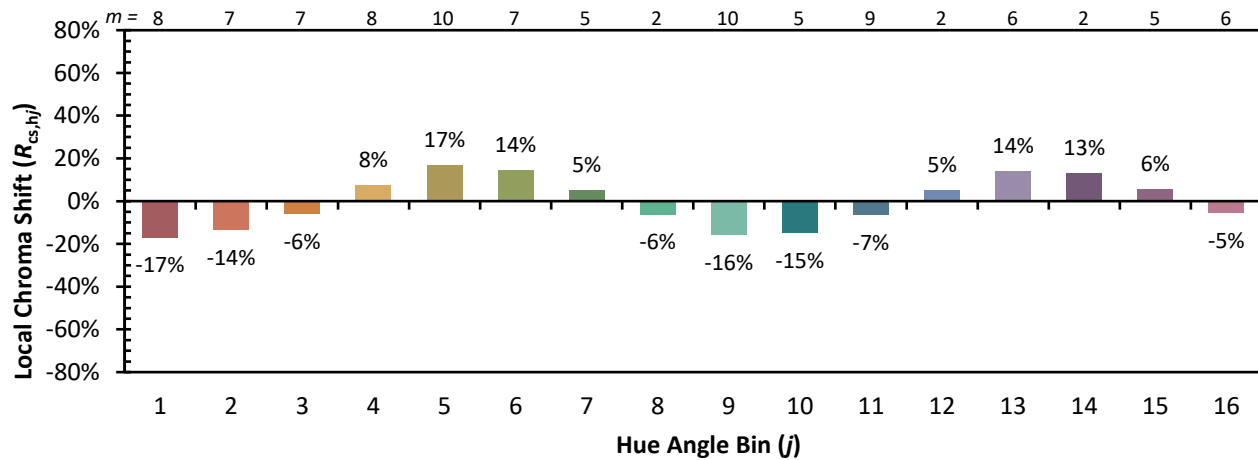


Individual Sample Fidelity Index ($R_{f,i}$)

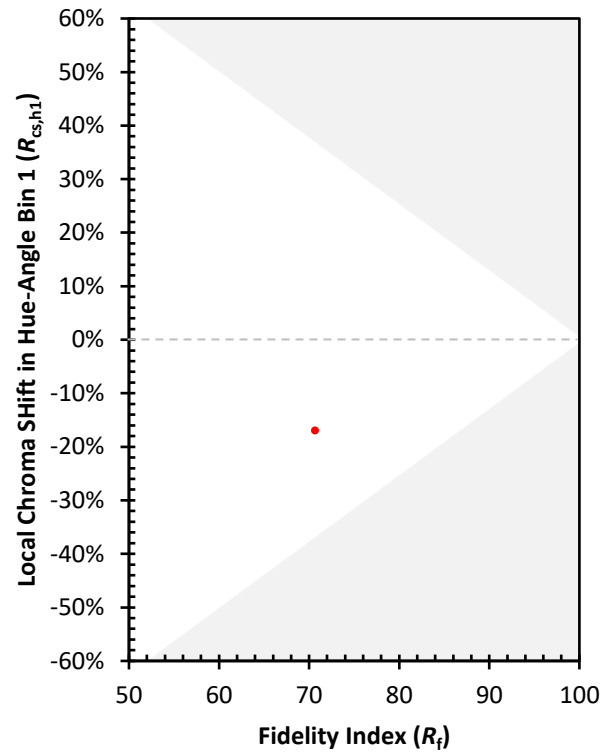
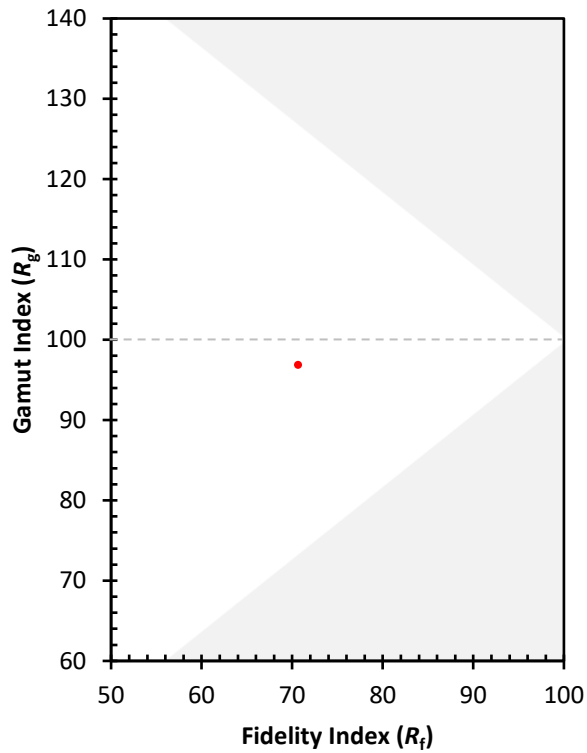
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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)