

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: P1047831

Luminaire Tested: **GALN-SA7C-750-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047831
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-750-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38744.3 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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

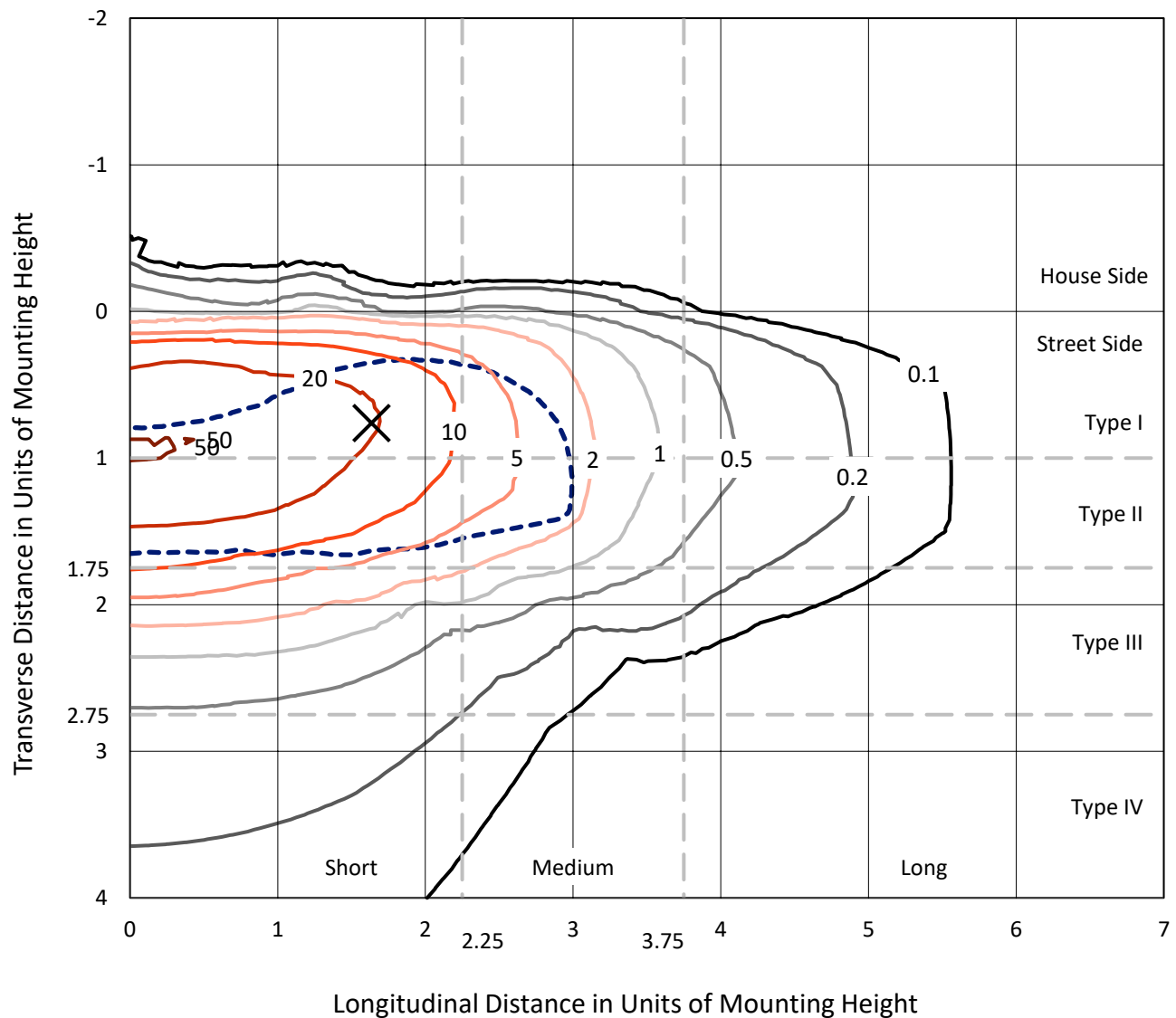


REPORT NUMBER: P1047831

CATALOG NUMBER: GALN-SA7C-750-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

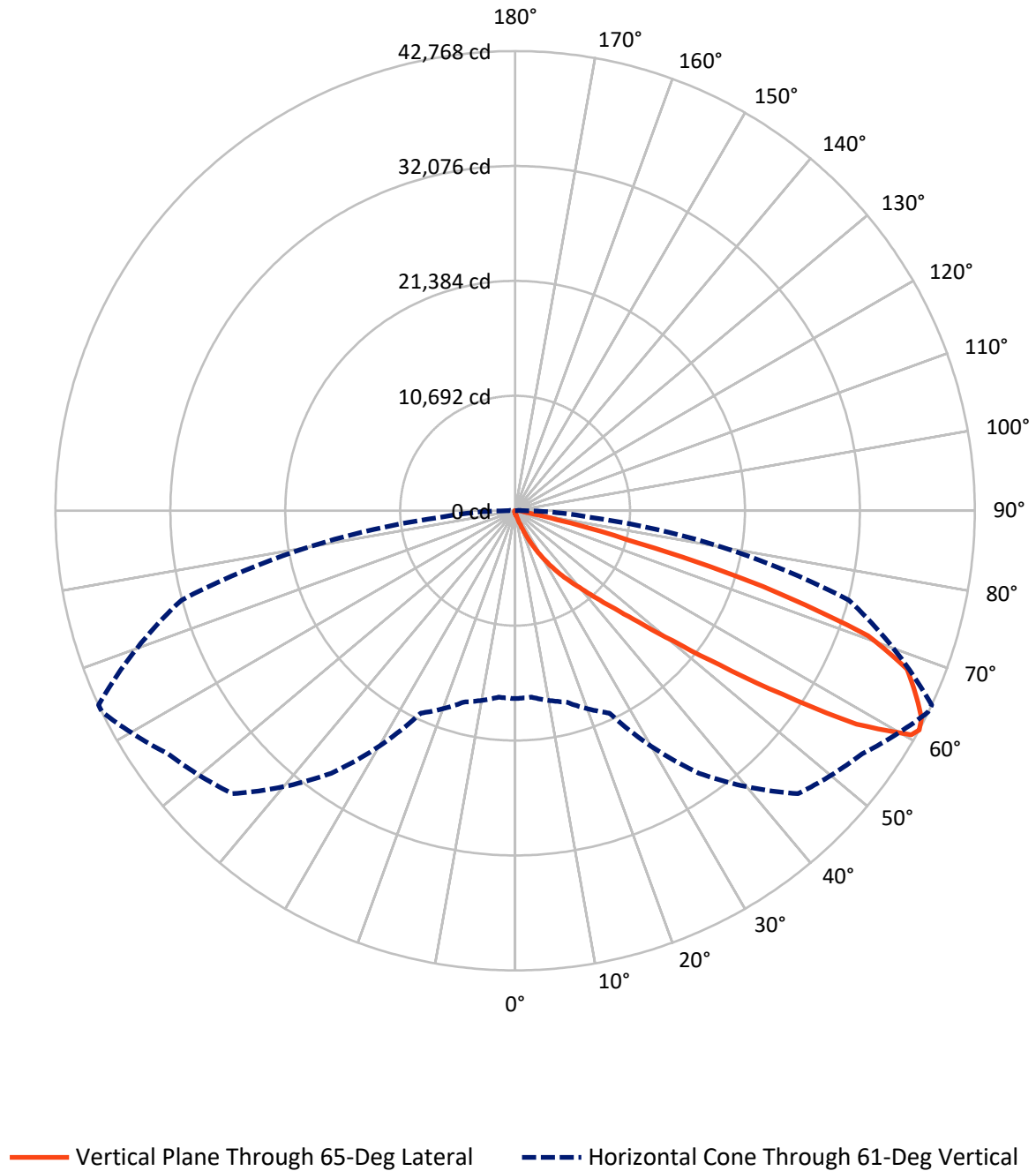


Based on 15 foot mounting height. Maximum calculated value = 51.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1047831

CATALOG NUMBER: GALN-SA7C-750-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047831

CATALOG NUMBER: GALN-SA7C-750-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	165.4	0.0	165.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	38578.9	0.0	38578.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	38744.3	0.0	38744.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	0.1
10°-20°	318.6	0.8
20°-30°	1143.4	3.0
30°-40°	3044.2	7.9
40°-50°	7997.0	20.6
50°-60°	12388.9	32.0
60°-70°	10387.9	26.8
70°-80°	3057.0	7.9
80°-90°	377.1	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°	38744.3	100.0
0°-180°	38744.3	100.0



REPORT NUMBER: P1047831

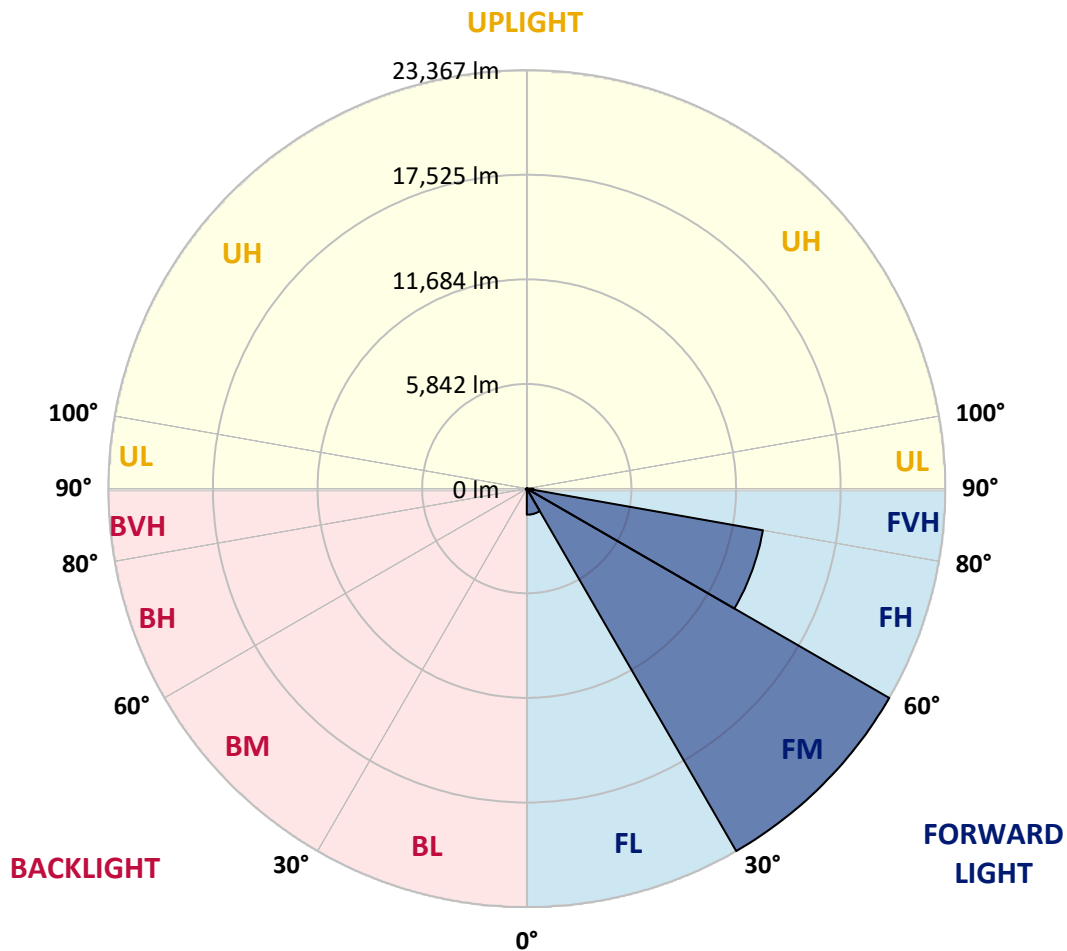
CATALOG NUMBER: GALN-SA7C-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1455.1	3.8			
FM	(30°-60°)	23367.2	60.3			
FH	(60°-80°)	13386.6	34.6			G5
FVH	(80°-90°)	370.1	1.0			G3/500
BL	(0°-30°)	37.1	0.1	B0/110		
BM	(30°-60°)	62.9	0.2	B0/220		
BH	(60°-80°)	58.3	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	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 II Short





REPORT NUMBER: P1047831

CATALOG NUMBER: GALN-SA7C-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2
2.5°	287.8	290.5	285.2	274.5	266.5	266.5	263.9	255.9	255.9	247.9	242.5
5°	402.4	397.1	386.5	365.1	346.5	327.8	309.2	290.5	287.8	263.9	247.9
7.5°	658.3	663.6	629.0	562.4	506.4	434.4	367.8	327.8	322.5	282.5	250.5
10°	1444.5	1404.6	1324.6	1066.1	876.8	661.0	490.4	381.1	375.8	303.8	255.9
12.5°	2633.2	2601.2	2454.6	2188.1	1700.4	1183.3	716.9	471.7	455.7	322.5	258.5
15°	3795.2	3744.6	3664.6	3395.5	2825.1	2121.5	1172.7	645.0	602.3	349.1	255.9
17.5°	4536.2	4544.2	4472.2	4357.6	3989.8	3139.6	2025.5	962.1	879.5	397.1	250.5
20°	5183.8	5165.1	5205.1	5143.8	4885.3	4267.0	2947.7	1524.5	1383.2	474.4	253.2
22.5°	5930.1	5975.4	6004.7	5991.3	5706.2	5178.5	3995.1	2281.4	2102.8	615.7	261.2
25°	6929.5	6924.2	6926.8	6892.2	6615.0	6028.7	5045.2	3222.2	3041.0	844.9	279.8
27.5°	7976.9	8008.9	8022.2	7897.0	7534.5	6958.8	6018.0	4251.0	4037.8	1212.7	303.8
30°	9408.1	9381.5	9320.2	9064.3	8624.6	7910.3	6977.5	5330.4	5106.5	1727.0	341.1
32.5°	11337.7	11308.4	10999.2	10434.2	9775.9	8901.7	7942.3	6412.4	6140.6	2369.4	391.8
35°	14517.3	14562.6	13803.0	12339.8	11159.2	10093.1	9011.0	7489.2	7249.3	3160.9	461.1
37.5°	19386.6	19138.7	18107.3	15522.1	12979.5	11580.3	10031.8	8576.6	8368.7	4136.4	551.7
40°	24117.3	23872.1	23573.6	21124.3	16143.1	13219.3	11460.3	9853.2	9584.0	5237.1	685.0
42.5°	29090.6	28954.6	28941.3	27094.3	21915.9	15796.6	13179.4	11348.4	11119.2	6444.4	903.5
45°	32613.9	32478.0	32763.2	33085.7	29778.2	21318.9	16172.4	13291.3	12958.2	7910.3	1252.6
47.5°	33088.3	33093.7	33855.9	34866.0	35620.3	29860.8	20159.5	15865.9	15460.8	10007.8	1839.0
50°	31510.6	31571.9	32784.5	34591.5	36622.4	37027.5	27190.3	19602.5	19002.8	12494.4	2670.5
52.5°	28506.9	28576.2	30265.9	33237.6	35700.2	38749.2	35468.4	24490.4	23800.2	15596.7	3843.2
55°	25801.7	25844.4	27782.0	31537.2	34588.8	37813.7	40383.0	31017.5	30111.3	19413.3	4999.9
57.5°	23123.2	23024.6	24285.2	28584.2	34399.6	36665.0	41107.9	38456.0	37456.6	23584.3	5900.7
60°	19541.2	19375.9	20388.7	23123.2	31910.3	37419.3	39751.3	42571.1	42344.6	29391.7	6596.3
61°	17481.0	17411.7	18429.8	20775.2	29815.5	37227.4	39426.2	42744.3	42768.3	32139.5	6908.2
62.5°	12483.8	12681.0	14237.5	17286.4	24972.8	35982.7	39468.8	42208.6	42445.8	35790.9	7715.7
65°	5548.9	5866.1	7076.1	9557.4	14522.6	29932.8	39090.4	41033.3	40916.0	36793.0	10498.2
67.5°	3291.5	3339.5	3941.8	5415.7	7691.7	16100.4	34495.6	39479.5	39322.2	32030.3	13062.1
70°	2593.2	2617.2	2809.1	3398.1	4464.2	6167.3	19687.8	34157.1	34842.0	25972.3	12787.6
72.5°	2460.0	2454.6	2481.3	2585.2	2811.8	3059.6	7622.4	22704.8	24098.7	18704.3	10722.1
75°	2428.0	2417.3	2390.7	2350.7	2036.2	1801.7	2361.4	10042.4	10850.0	12779.6	8072.9
77.5°	2356.0	2358.7	2364.0	2254.8	1745.7	1274.0	1143.4	3222.2	3963.1	8110.2	5738.2
80°	1593.8	1617.8	1657.7	1615.1	1569.8	922.2	807.6	1146.0	1162.0	4552.1	3789.9
82.5°	807.6	807.6	788.9	703.6	607.7	599.7	642.3	831.5	842.2	2302.7	1783.0
85°	487.7	514.4	525.0	477.1	437.1	402.4	490.4	661.0	685.0	892.8	415.8
87.5°	109.3	111.9	122.6	162.6	237.2	322.5	455.7	605.0	615.7	573.0	50.6
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: P1047831

CATALOG NUMBER: GALN-SA7C-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2
2.5°	239.9	234.5	231.9	223.9	215.9	207.9	202.6	199.9	202.6	205.2	205.2
5°	237.2	229.2	215.9	202.6	191.9	181.2	170.6	167.9	167.9	170.6	170.6
7.5°	237.2	223.9	205.2	189.2	173.2	157.2	149.3	143.9	146.6	146.6	146.6
10°	237.2	221.2	197.2	173.2	154.6	135.9	122.6	117.3	117.3	117.3	117.3
12.5°	234.5	218.5	189.2	159.9	133.3	111.9	95.9	88.0	90.6	90.6	90.6
15°	229.2	210.6	178.6	135.9	106.6	85.3	69.3	61.3	64.0	69.3	72.0
17.5°	221.2	202.6	159.9	114.6	85.3	64.0	48.0	42.6	45.3	53.3	53.3
20°	218.5	194.6	141.3	93.3	64.0	45.3	32.0	26.7	29.3	40.0	42.6
22.5°	218.5	189.2	127.9	77.3	48.0	29.3	18.7	10.7	10.7	18.7	18.7
25°	221.2	186.6	117.3	64.0	34.6	21.3	10.7	5.3	10.7	29.3	34.6
27.5°	226.5	183.9	111.9	53.3	26.7	18.7	8.0	18.7	32.0	32.0	32.0
30°	231.9	178.6	103.9	45.3	24.0	13.3	13.3	26.7	26.7	32.0	34.6
32.5°	239.9	175.9	98.6	40.0	18.7	10.7	18.7	16.0	16.0	18.7	21.3
35°	255.9	178.6	93.3	40.0	18.7	13.3	16.0	8.0	5.3	5.3	5.3
37.5°	277.2	181.2	85.3	34.6	16.0	16.0	8.0	0.0	0.0	0.0	0.0
40°	311.8	189.2	80.0	32.0	13.3	13.3	2.7	0.0	0.0	0.0	0.0
42.5°	370.5	205.2	77.3	29.3	13.3	10.7	0.0	0.0	0.0	0.0	0.0
45°	487.7	242.5	72.0	26.7	13.3	5.3	0.0	0.0	0.0	0.0	0.0
47.5°	700.9	330.5	69.3	21.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	1023.4	447.8	66.6	18.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1305.9	471.7	45.3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1337.9	325.2	34.6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1066.1	210.6	29.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	807.6	159.9	26.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	775.6	143.9	26.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	855.5	125.3	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1391.2	103.9	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2417.3	90.6	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3054.3	85.3	16.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2662.5	77.3	16.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1601.8	66.6	16.0	10.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	839.5	50.6	16.0	13.3	8.0	2.7	0.0	0.0	0.0	0.0	0.0
80°	407.8	45.3	18.7	13.3	10.7	5.3	0.0	0.0	0.0	0.0	0.0
82.5°	159.9	37.3	21.3	18.7	13.3	8.0	2.7	0.0	0.0	0.0	0.0
85°	72.0	32.0	24.0	21.3	18.7	10.7	2.7	0.0	0.0	0.0	0.0
87.5°	37.3	29.3	26.7	24.0	18.7	13.3	5.3	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

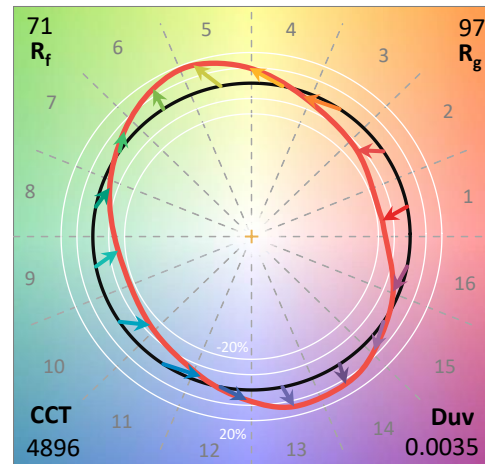
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

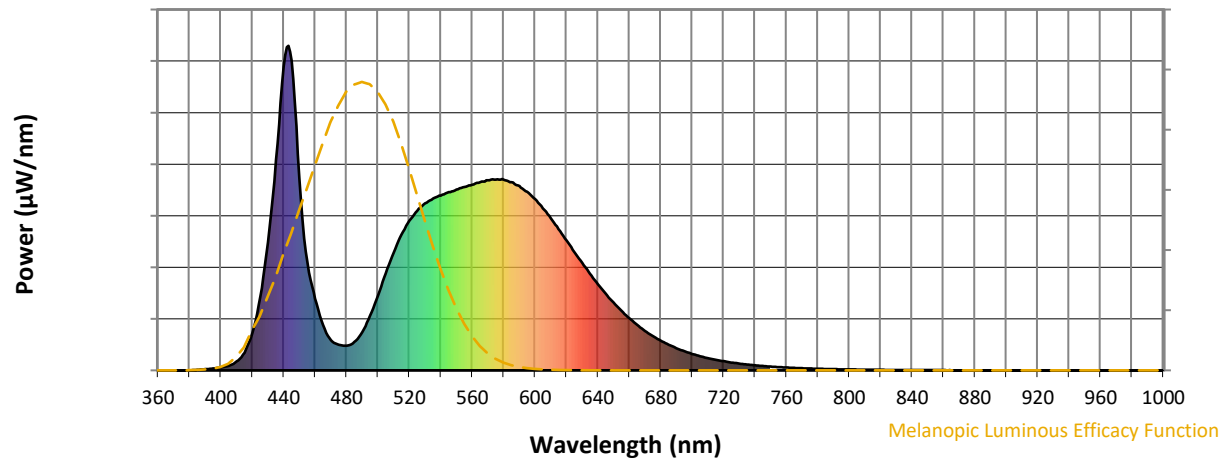
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.7

λ (nm)	Power W [^] /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

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

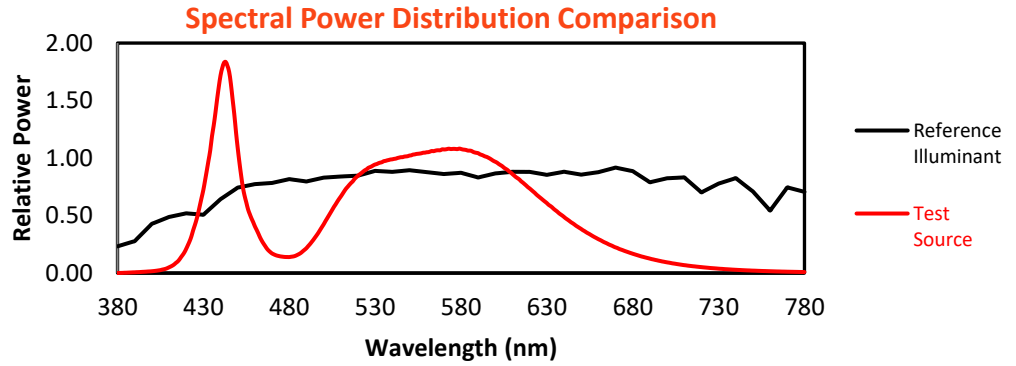
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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

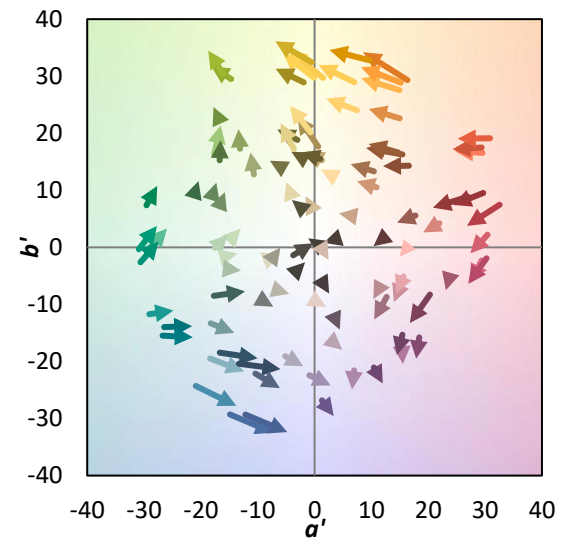
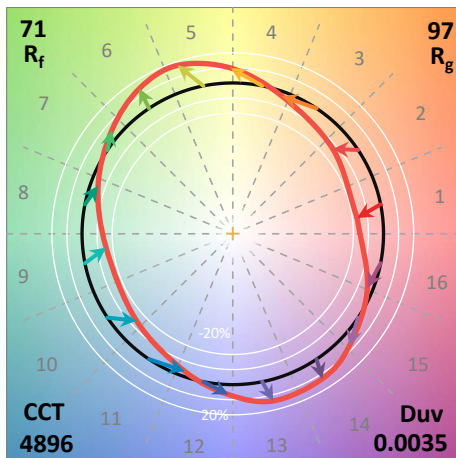
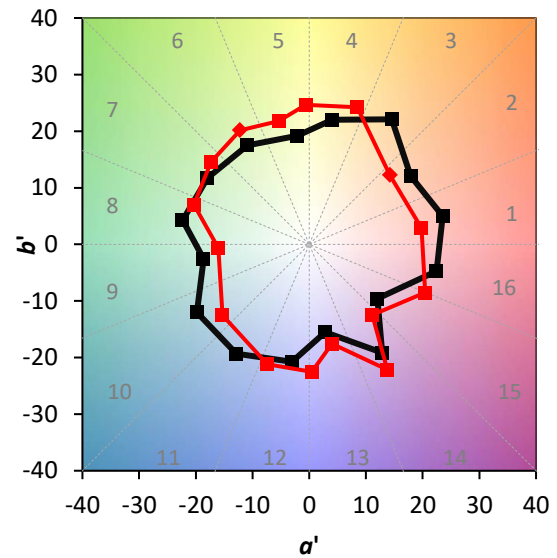
TM-30-18

Summary

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



Color Vector Graphics

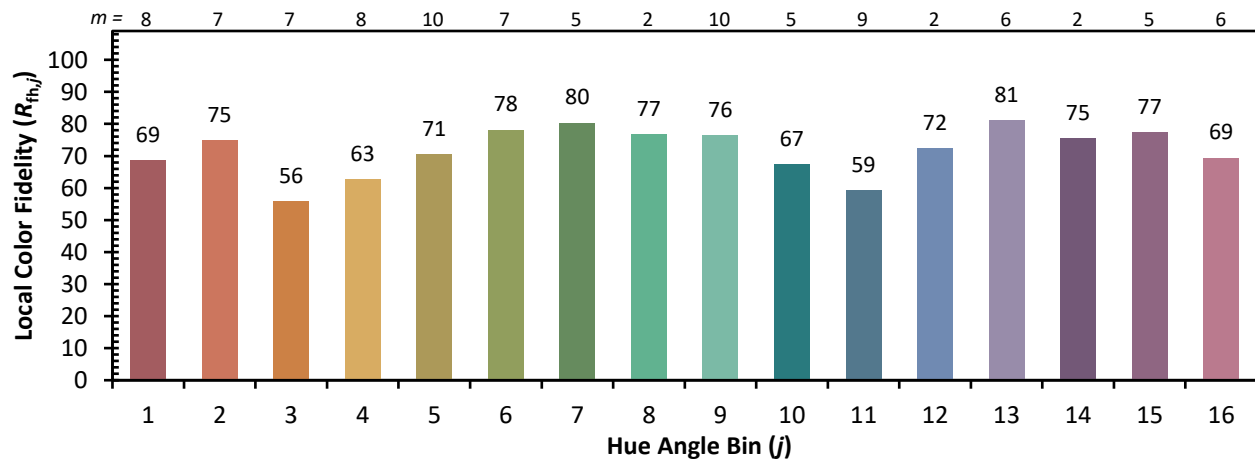
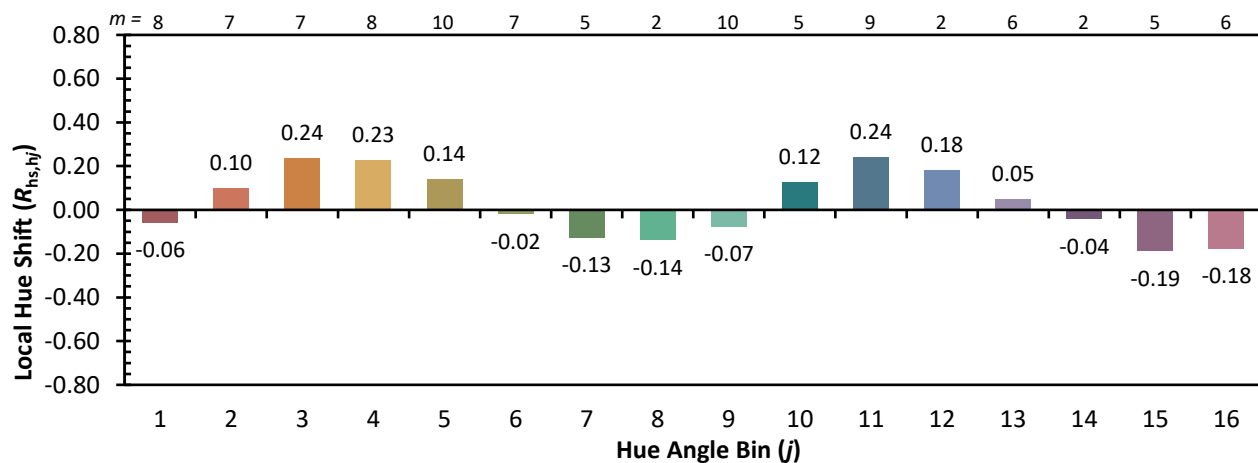
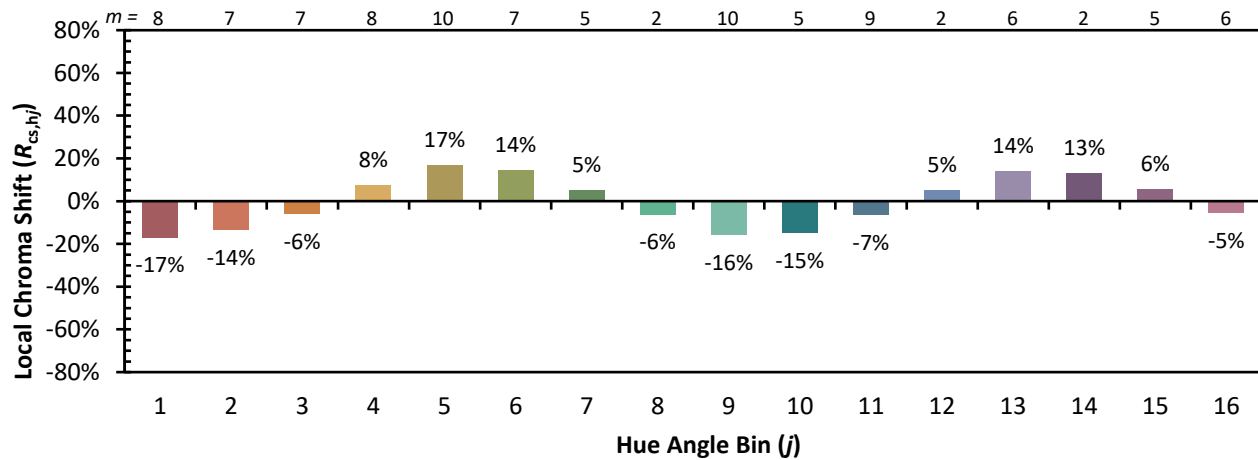


Individual Sample Fidelity Index ($R_{f,i}$)

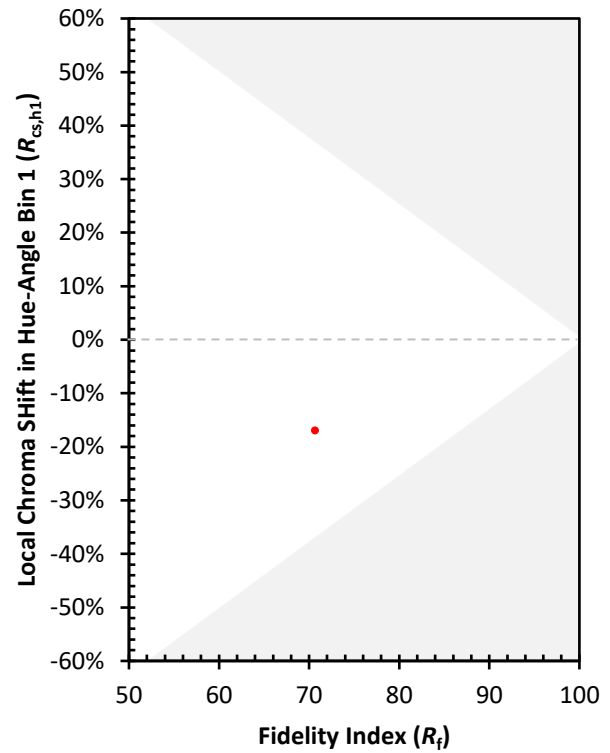
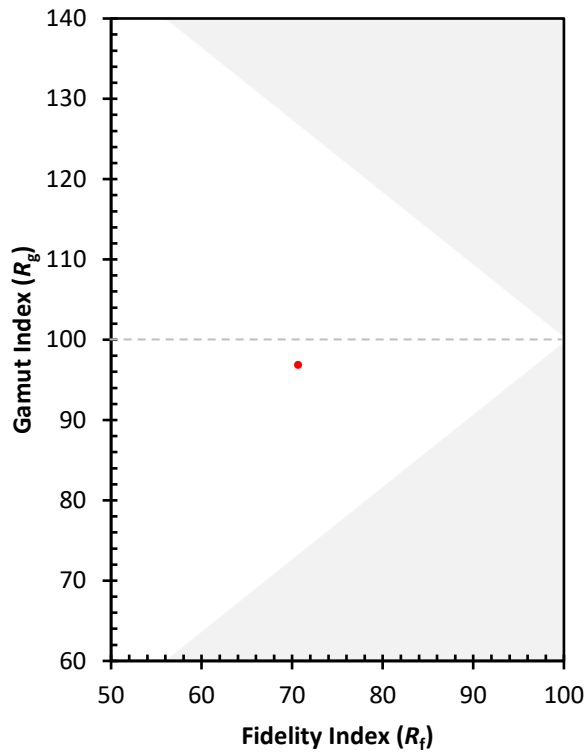
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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