

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: P1047211

Luminaire Tested: **GALN-SA5C-750-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047211
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-750-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29156.3 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 236
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

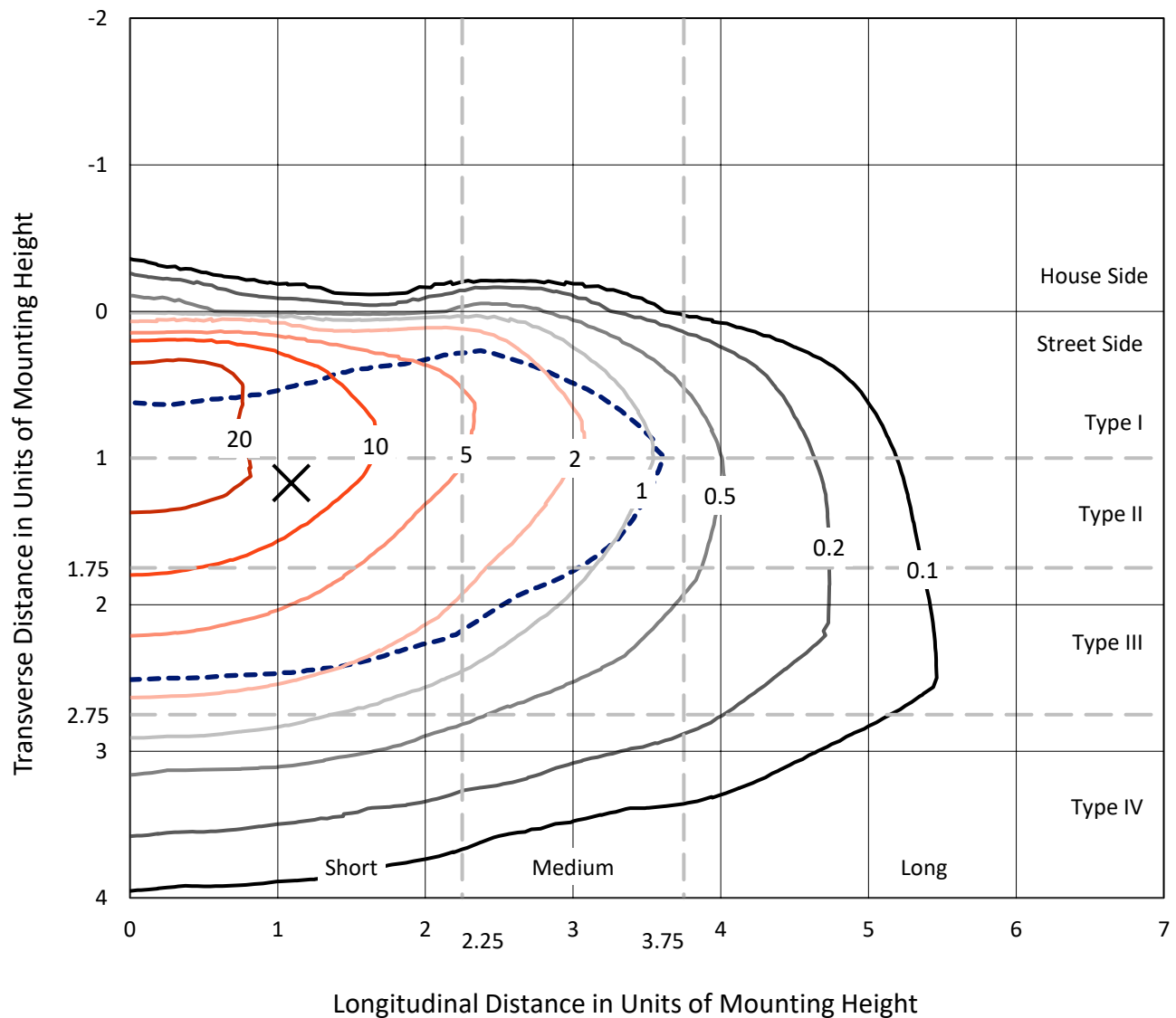


REPORT NUMBER: P1047211

CATALOG NUMBER: GALN-SA5C-750-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

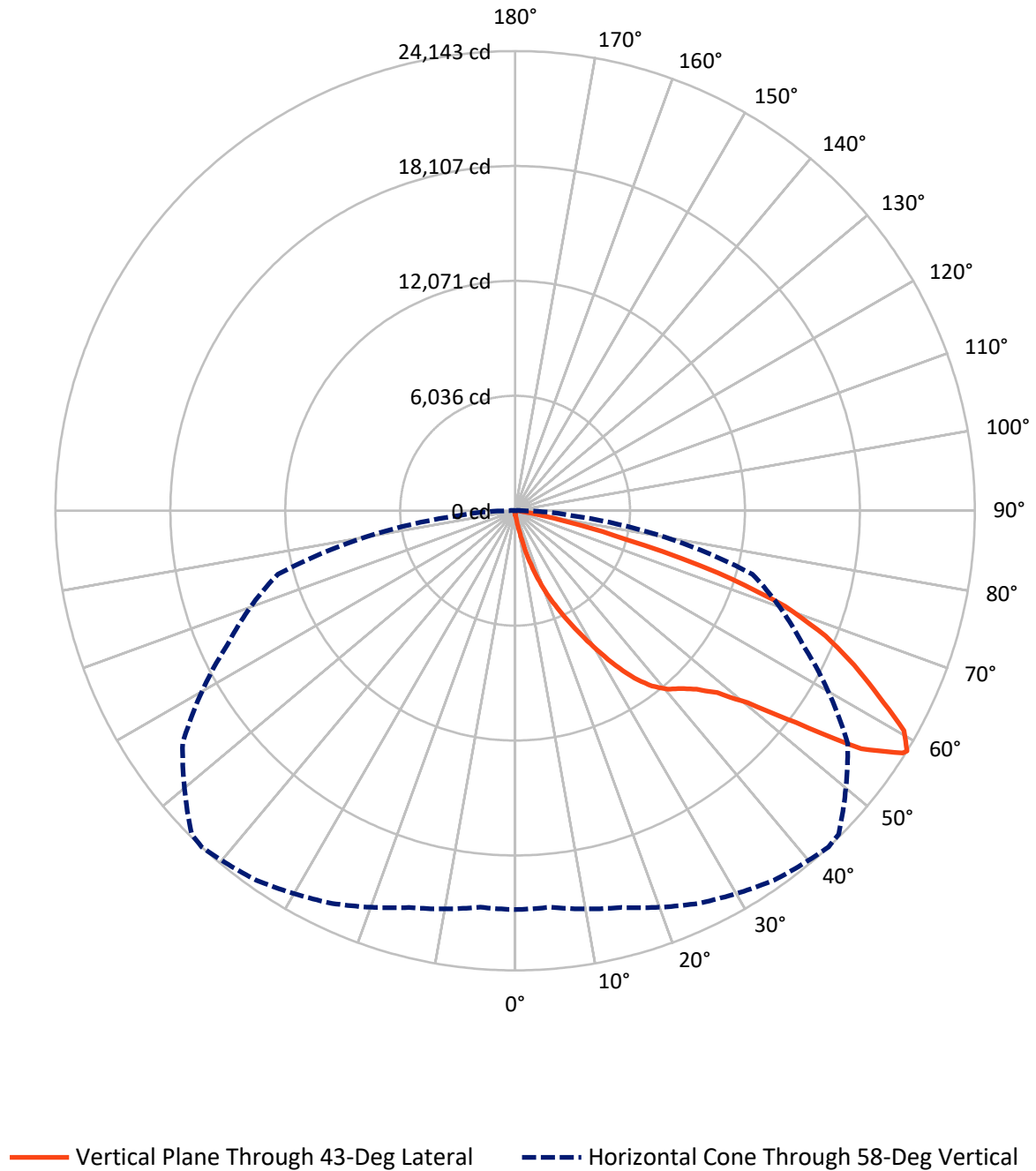


Based on 15 foot mounting height. Maximum calculated value = 32.7 fc
 Type III - Short - N/A

REPORT NUMBER: P1047211

CATALOG NUMBER: GALN-SA5C-750-U-T3BC

Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SA5C-750-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	106.5	0.0	106.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29049.9	0.0	29049.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	29156.3	0.0	29156.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.9	0.1
10°-20°	335.1	1.1
20°-30°	1208.0	4.1
30°-40°	2763.8	9.5
40°-50°	4661.5	16.0
50°-60°	7692.6	26.4
60°-70°	8597.5	29.5
70°-80°	3549.8	12.2
80°-90°	320.0	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°	29156.3	100.0
0°-180°	29156.3	100.0



REPORT NUMBER: P1047211

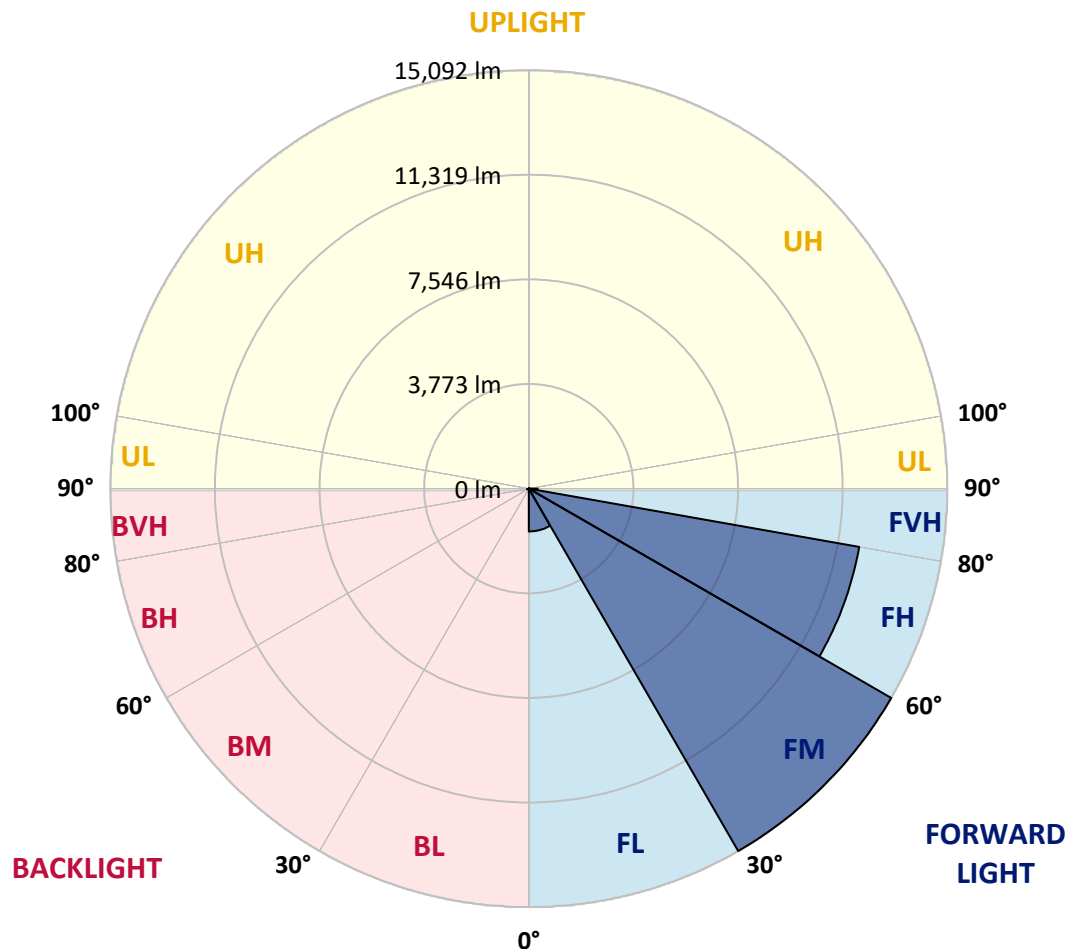
CATALOG NUMBER: GALN-SA5C-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1543.3	5.3			
FM	(30°-60°)	15092.4	51.8			
FH	(60°-80°)	12098.5	41.5			G5
FVH	(80°-90°)	315.6	1.1			G3/500
BL	(0°-30°)	27.8	0.1	B0/110		
BM	(30°-60°)	25.5	0.1	B0/220		
BH	(60°-80°)	48.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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



REPORT NUMBER: P1047211

CATALOG NUMBER: GALN-SA5C-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6
2.5°	228.8	236.4	228.8	228.8	228.8	221.1	221.1	213.5	213.5	205.9	198.3
5°	335.5	335.5	312.6	297.4	282.1	274.5	266.9	251.6	236.4	221.1	205.9
7.5°	747.3	747.3	678.7	587.2	465.2	396.5	381.3	312.6	266.9	236.4	205.9
10°	1784.4	1784.4	1631.9	1380.2	1067.6	793.1	709.2	449.9	320.3	251.6	213.5
12.5°	2966.3	3004.5	2813.8	2493.6	2028.4	1548.0	1380.2	823.6	427.0	274.5	213.5
15°	4026.3	3934.8	3881.4	3576.4	3134.1	2562.2	2348.7	1387.9	617.7	312.6	213.5
17.5°	4743.1	4743.1	4666.9	4461.0	4056.8	3553.5	3378.1	2241.9	999.0	358.4	221.1
20°	5581.9	5581.9	5444.7	5299.8	4941.4	4514.3	4346.6	3187.5	1548.0	457.5	221.1
22.5°	6596.1	6611.4	6458.9	6199.6	5856.4	5383.7	5238.8	4064.4	2241.9	610.0	228.8
25°	7831.5	7846.7	7625.6	7381.6	6855.4	6344.5	6123.3	5071.0	3088.4	854.1	228.8
27.5°	9196.4	9303.2	8975.3	8555.9	7999.2	7358.7	7190.9	5978.5	3927.2	1204.8	244.0
30°	10896.9	10896.9	10462.3	9875.1	9272.7	8479.6	8266.1	6931.6	4819.4	1670.0	259.3
32.5°	12361.1	12246.7	11690.0	11072.3	10431.8	9692.1	9463.3	7930.6	5734.4	2249.5	289.8
35°	13482.0	13382.9	12696.6	12033.2	11476.5	10797.8	10523.3	9013.4	6702.9	2905.3	335.5
37.5°	14442.8	14404.7	13474.4	12643.2	12277.2	11682.4	11438.4	10035.3	7656.1	3614.5	388.9
40°	15495.2	15373.2	14381.8	13352.4	12803.3	12322.9	12101.8	10858.8	8571.1	4445.7	465.2
42.5°	16395.0	16250.1	15357.9	14351.3	13413.4	12765.2	12551.7	11552.7	9463.3	5276.9	564.3
45°	17393.9	17317.7	16417.9	15655.3	14404.7	13367.6	13085.5	12109.4	10279.3	6268.2	693.9
47.5°	18896.2	18758.9	17920.1	17294.8	15845.9	14282.7	13878.6	12681.3	11064.7	7244.3	892.2
50°	20642.4	20550.9	20055.3	19559.6	18118.4	15845.9	15365.5	13504.9	11941.7	8403.4	1151.5
52.5°	22068.4	22053.2	22114.2	22121.8	21031.3	18476.8	17760.0	14831.7	12948.2	9547.2	1517.5
55°	22037.9	22106.5	22777.6	23547.8	23631.7	22068.4	21374.5	17066.0	14259.8	10958.0	2028.4
57.5°	21214.4	21161.0	21870.2	23029.2	23845.2	24012.9	23898.6	20535.7	16234.9	12658.5	2813.8
58°	20947.5	20901.7	21572.8	22754.7	23692.7	24142.6	24028.2	21321.1	16677.1	12902.5	3027.4
60°	19979.0	19986.6	20383.2	21458.4	22396.3	23463.9	23570.7	23563.0	18880.9	14534.3	4102.6
62.5°	18697.9	18636.9	19002.9	19879.9	20703.4	21420.2	21603.3	23715.5	22106.5	16608.5	6153.8
65°	16928.8	16837.3	17226.2	18217.5	19102.1	19567.2	19574.9	21671.9	23624.0	18835.2	9082.1
67.5°	13642.2	13565.9	14343.7	15617.2	16982.2	17592.2	17866.7	18804.7	22342.9	20345.0	10759.7
70°	8357.6	8517.8	9600.6	11598.5	13931.9	15052.9	15464.7	15754.4	19025.8	20116.3	8998.2
72.5°	3858.5	3667.9	4590.6	5986.1	8647.4	11141.0	11568.0	12704.2	15083.4	17462.6	6710.5
75°	1799.6	1731.0	1944.5	2615.6	3919.5	6016.6	6794.4	10142.0	11568.0	12147.5	4842.2
77.5°	922.7	930.3	1105.7	1189.6	1616.6	2783.3	3195.1	6672.4	8479.6	6779.1	3248.5
80°	404.2	419.4	427.0	465.2	655.8	1075.2	1212.5	3096.0	5795.4	3454.4	1776.8
82.5°	259.3	266.9	266.9	266.9	312.6	427.0	488.0	1243.0	2890.1	1715.8	549.0
85°	137.3	137.3	152.5	190.6	221.1	259.3	274.5	396.5	953.2	510.9	129.6
87.5°	76.3	83.9	91.5	114.4	144.9	175.4	190.6	274.5	366.0	350.8	30.5
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: P1047211

CATALOG NUMBER: GALN-SA5C-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6	190.6
2.5°	198.3	190.6	183.0	175.4	167.8	160.1	160.1	160.1	160.1	160.1	160.1
5°	190.6	183.0	175.4	160.1	144.9	137.3	129.6	122.0	122.0	122.0	122.0
7.5°	190.6	183.0	160.1	144.9	129.6	114.4	99.1	99.1	99.1	99.1	99.1
10°	190.6	175.4	152.5	129.6	106.8	91.5	83.9	76.3	76.3	76.3	76.3
12.5°	190.6	167.8	144.9	114.4	91.5	76.3	68.6	61.0	61.0	61.0	61.0
15°	190.6	167.8	137.3	106.8	83.9	61.0	53.4	45.8	45.8	45.8	45.8
17.5°	183.0	160.1	129.6	91.5	68.6	45.8	38.1	30.5	30.5	38.1	38.1
20°	175.4	152.5	114.4	76.3	53.4	38.1	22.9	22.9	22.9	22.9	22.9
22.5°	175.4	152.5	106.8	68.6	45.8	22.9	15.3	15.3	15.3	15.3	22.9
25°	175.4	144.9	91.5	53.4	30.5	15.3	7.6	7.6	7.6	7.6	7.6
27.5°	175.4	144.9	83.9	45.8	22.9	15.3	7.6	0.0	0.0	0.0	0.0
30°	167.8	137.3	76.3	38.1	15.3	7.6	0.0	0.0	0.0	0.0	0.0
32.5°	167.8	129.6	61.0	30.5	15.3	7.6	0.0	0.0	0.0	0.0	0.0
35°	175.4	122.0	53.4	22.9	7.6	0.0	0.0	0.0	0.0	0.0	7.6
37.5°	183.0	114.4	45.8	15.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	190.6	106.8	45.8	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	205.9	106.8	38.1	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	221.1	106.8	30.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	251.6	114.4	30.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	274.5	122.0	22.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	305.0	114.4	22.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	343.2	114.4	22.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	373.7	106.8	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	388.9	99.1	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	465.2	91.5	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	724.4	76.3	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1471.7	68.6	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2745.2	61.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3073.1	68.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1936.9	53.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1021.8	53.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	510.9	53.4	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	236.4	38.1	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	99.1	22.9	15.3	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	45.8	22.9	15.3	15.3	7.6	7.6	0.0	0.0	0.0	0.0	0.0
87.5°	22.9	22.9	22.9	15.3	15.3	7.6	7.6	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

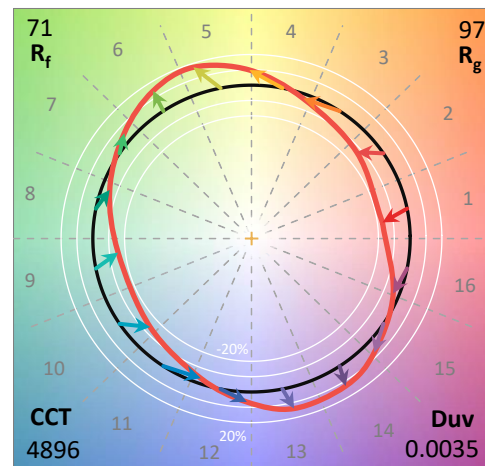
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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



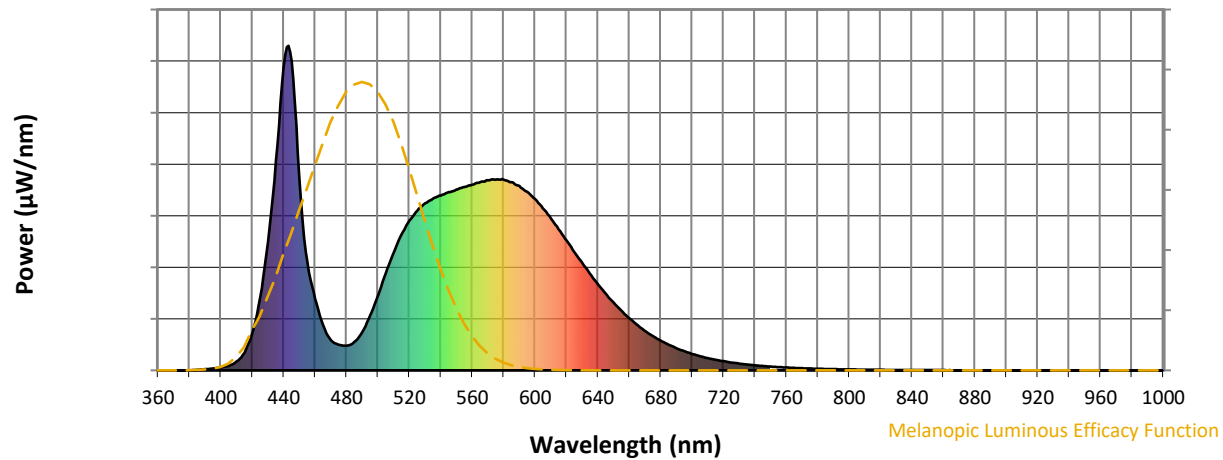
Scotopic Lumens: NR

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

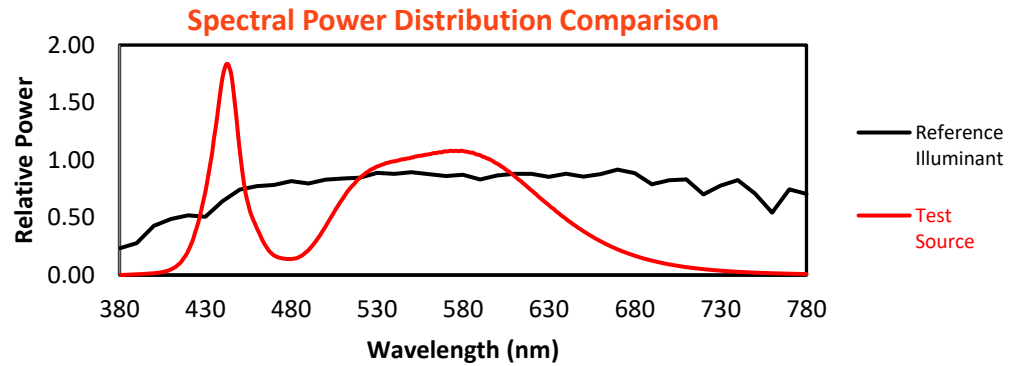
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	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

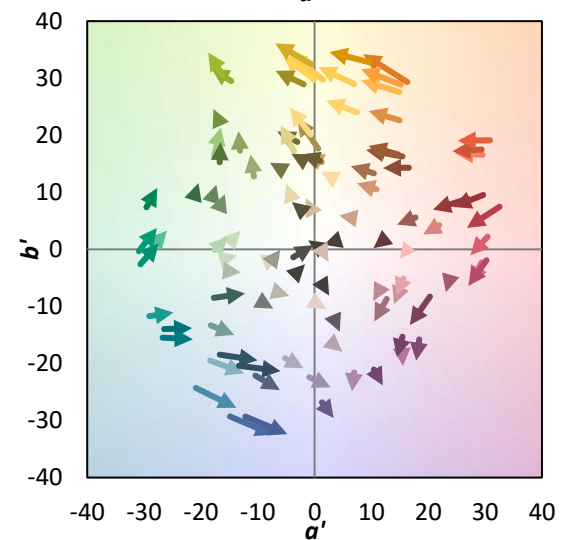
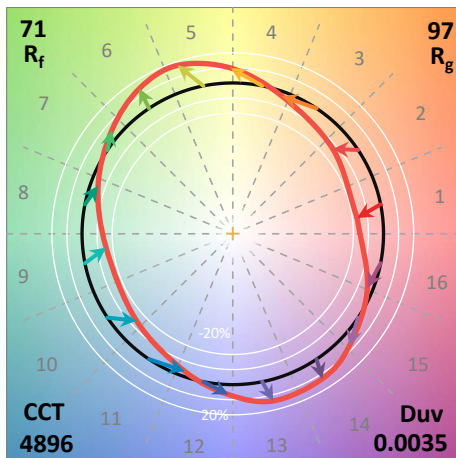
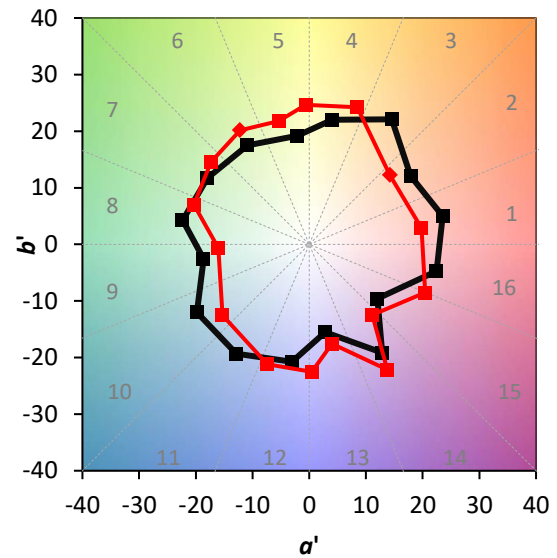
TM-30-18

Summary

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



Color Vector Graphics

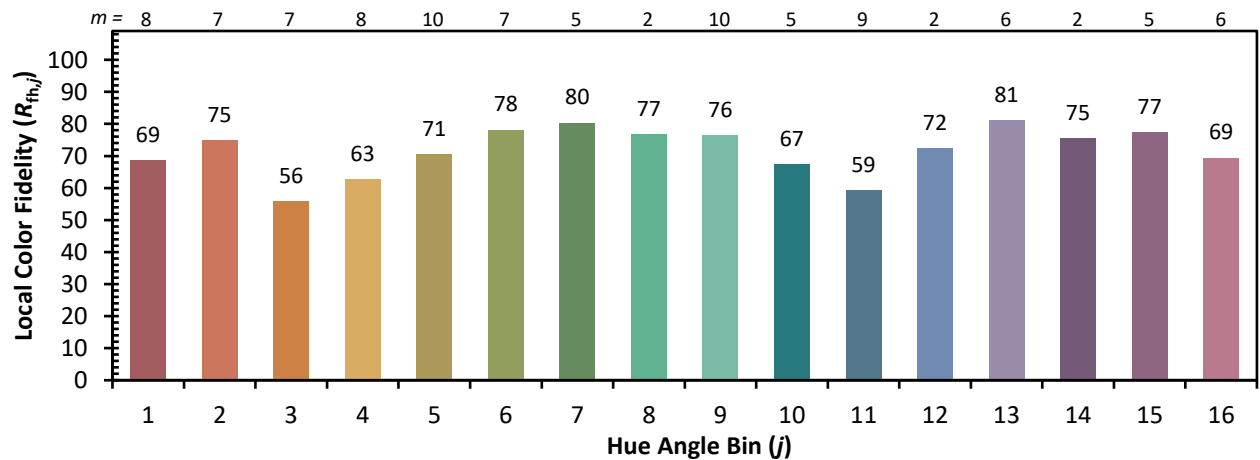
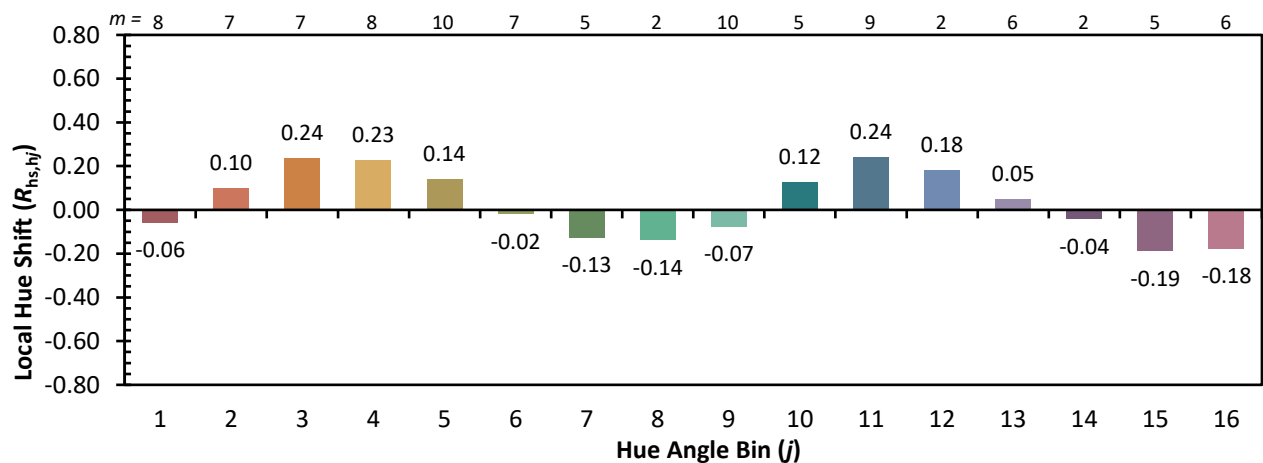
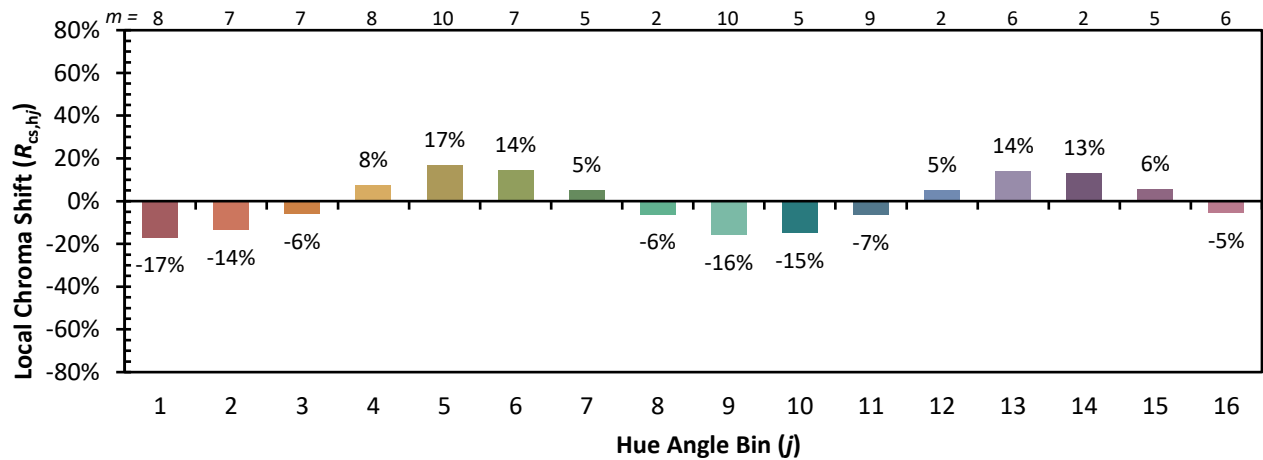


Individual Sample Fidelity Index ($R_{f,i}$)

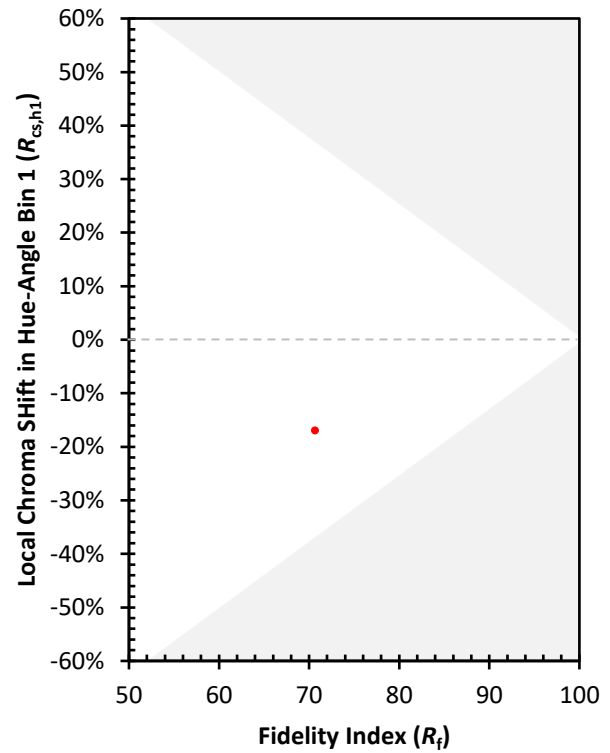
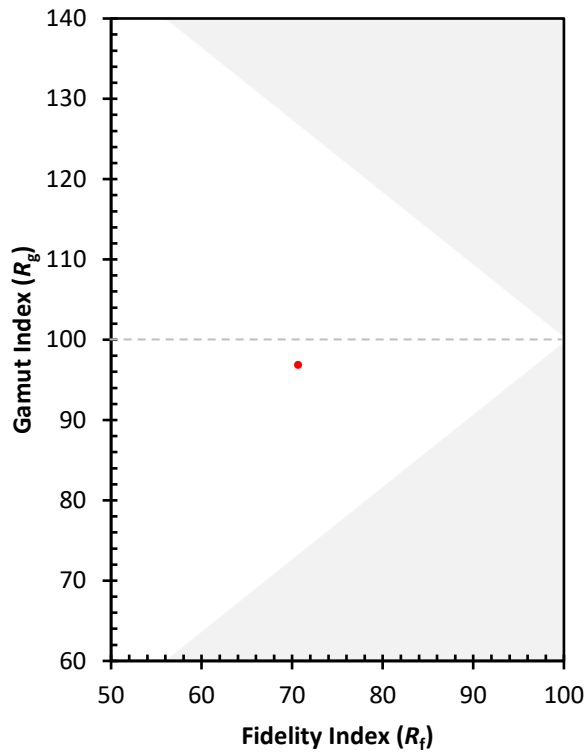
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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