

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: P1048430

Luminaire Tested: **GALN-SA4B-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048430
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18352.7 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - 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

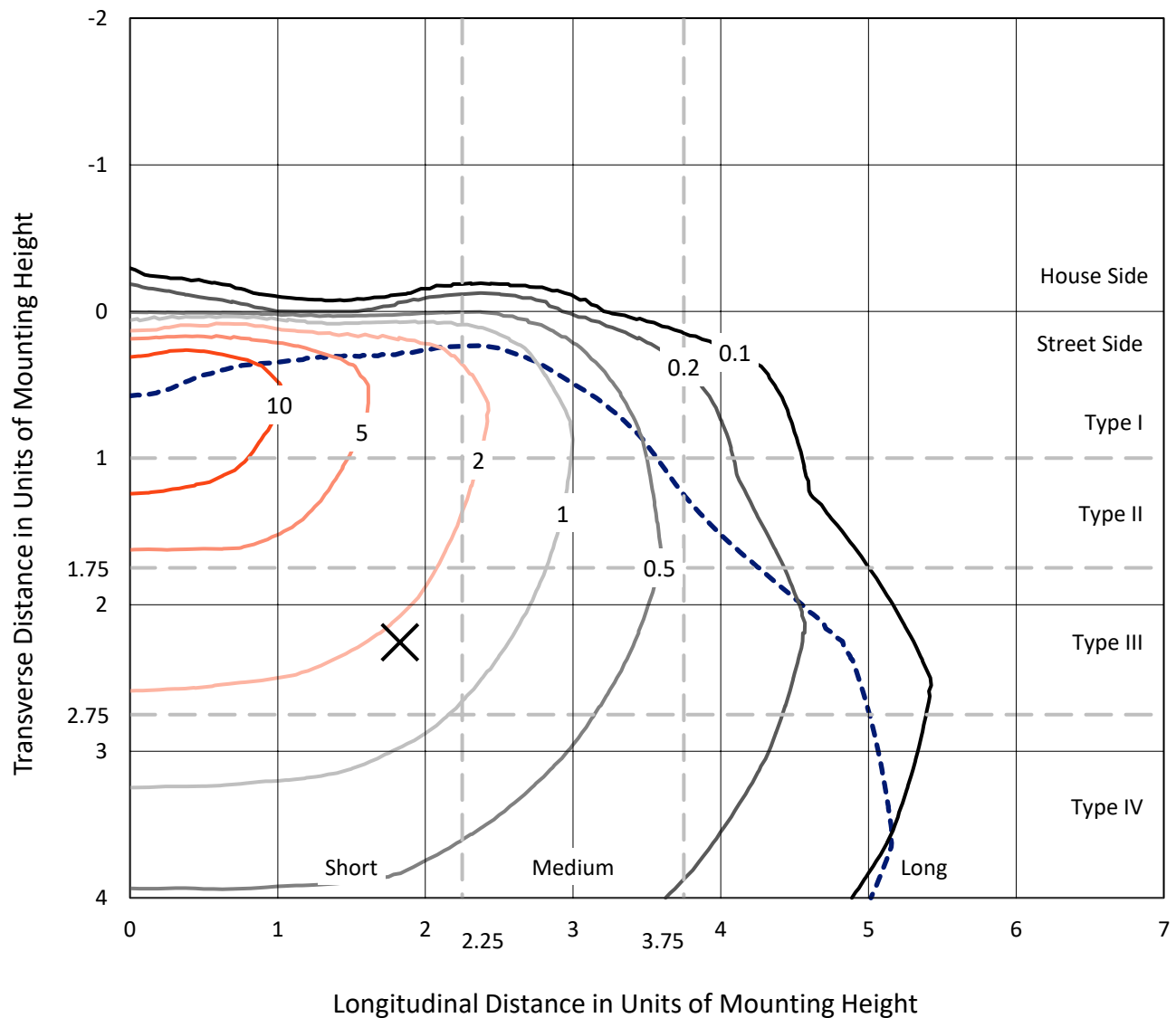


REPORT NUMBER: P1048430

CATALOG NUMBER: GALN-SA4B-750-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

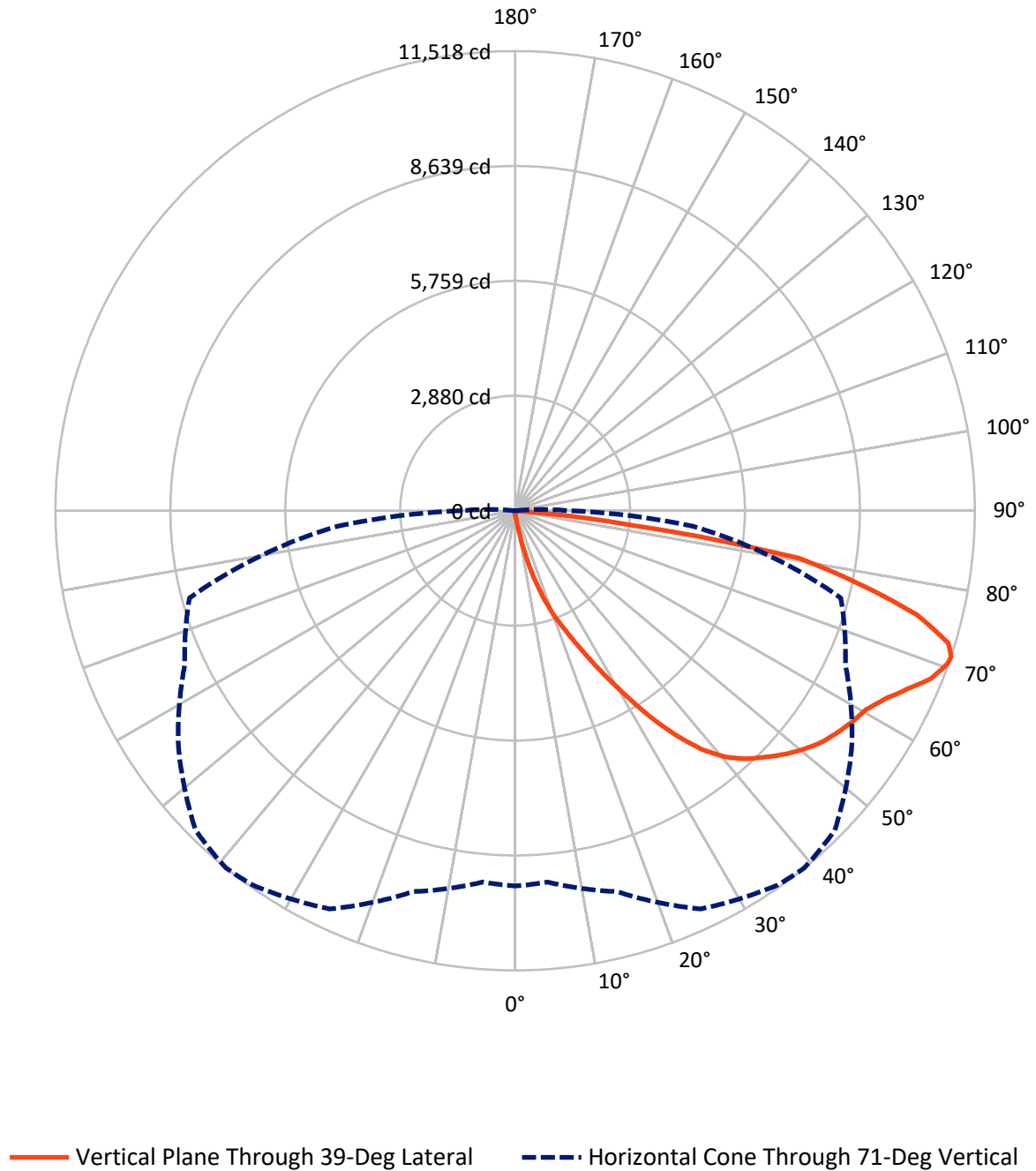


Based on 15 foot mounting height. Maximum calculated value = 18.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048430

CATALOG NUMBER: GALN-SA4B-750-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048430

CATALOG NUMBER: GALN-SA4B-750-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.2	0.0	65.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18287.5	0.0	18287.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	18352.7	0.0	18352.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	0.1
10°-20°	196.2	1.1
20°-30°	698.6	3.8
30°-40°	1683.6	9.2
40°-50°	2817.6	15.4
50°-60°	3618.9	19.7
60°-70°	4579.7	25.0
70°-80°	4083.0	22.2
80°-90°	660.0	3.6
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°	18352.7	100.0
0°-180°	18352.7	100.0



REPORT NUMBER: P1048430

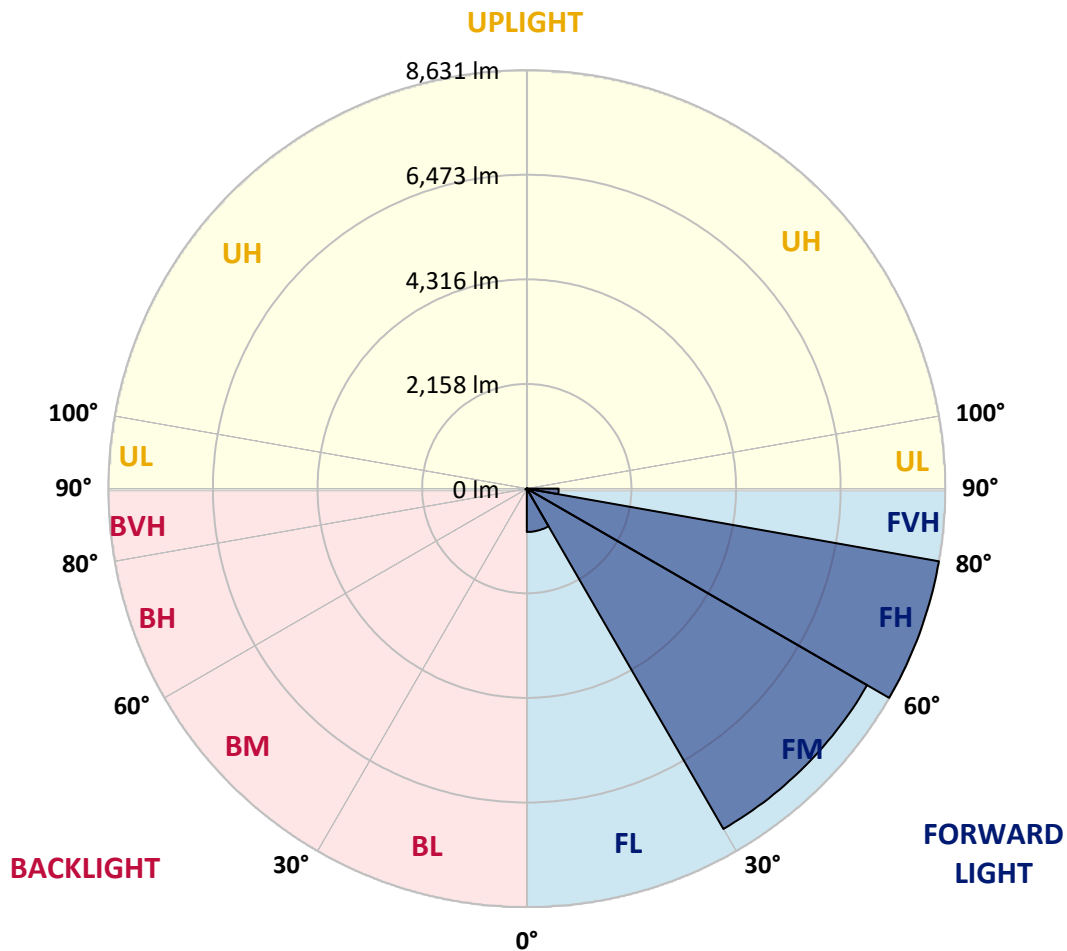
CATALOG NUMBER: GALN-SA4B-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	894.3	4.9			
FM	(30°-60°)	8104.9	44.2			
FH	(60°-80°)	8631.3	47.0			G4/12000
FVH	(80°-90°)	657.0	3.6			G4/750
BL	(0°-30°)	15.8	0.1	B0/110		
BM	(30°-60°)	15.1	0.1	B0/220		
BH	(60°-80°)	31.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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-G4

Type IV Short



REPORT NUMBER: P1048430

CATALOG NUMBER: GALN-SA4B-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6
2.5°	115.5	115.5	115.5	111.8	111.8	110.6	109.3	109.3	106.8	105.6	103.1
5°	175.2	171.4	162.8	157.8	147.8	141.6	135.4	126.7	118.0	111.8	104.4
7.5°	396.3	405.0	376.4	323.0	268.4	244.7	205.0	165.2	136.7	118.0	105.6
10°	1010.1	1005.1	908.2	801.3	618.7	545.4	427.4	269.6	176.4	129.2	106.8
12.5°	1718.2	1713.2	1598.9	1453.6	1212.6	1059.8	836.1	503.2	253.4	146.6	106.8
15°	2313.3	2293.4	2257.4	2113.3	1831.3	1703.3	1407.6	889.5	410.0	176.4	109.3
17.5°	2707.2	2689.8	2656.2	2604.0	2425.1	2273.6	2036.3	1397.7	663.4	228.6	114.3
20°	3068.7	3056.3	3028.9	3019.0	2903.4	2822.7	2626.4	1981.6	1033.7	310.6	121.8
22.5°	3565.6	3539.5	3550.7	3491.1	3378.0	3281.1	3160.6	2592.9	1485.9	447.3	135.4
25°	4174.4	4162.0	4130.9	4088.7	3932.1	3847.7	3662.5	3169.3	1991.5	626.2	150.3
27.5°	4909.9	4896.2	4888.8	4791.9	4611.7	4519.8	4261.4	3713.5	2560.6	877.1	170.2
30°	5757.2	5763.4	5715.0	5590.7	5380.8	5251.6	4985.7	4283.7	3143.2	1171.6	191.3
32.5°	6634.3	6621.9	6547.4	6400.8	6213.2	6092.6	5754.7	4908.7	3754.5	1560.4	216.2
35°	7579.8	7556.2	7359.9	7192.2	7031.9	6880.3	6572.2	5634.2	4365.7	1996.5	249.7
37.5°	8533.9	8423.4	8029.5	7817.1	7706.5	7582.3	7295.3	6408.2	4973.3	2483.5	290.7
40°	9254.5	9168.8	8701.7	8310.3	8222.1	8116.5	7902.8	7076.6	5619.3	3006.6	340.4
42.5°	9653.3	9606.1	9186.2	8799.8	8592.3	8499.1	8316.5	7660.5	6257.9	3584.3	412.5
45°	9823.5	9750.2	9469.4	9289.3	8958.8	8804.8	8587.4	8101.6	6925.0	4240.3	513.1
47.5°	9771.3	9729.1	9527.8	9593.7	9353.9	9114.1	8794.8	8439.5	7495.3	4993.1	651.0
50°	9443.4	9407.3	9345.2	9701.8	9672.0	9388.7	9063.2	8706.6	7961.2	5769.6	864.7
52.5°	8819.7	8804.8	8963.8	9617.3	9852.1	9631.0	9321.6	8942.7	8396.0	6580.9	1170.3
55°	8015.9	8076.7	8531.4	9485.6	9944.0	9809.9	9550.2	9163.8	8745.1	7306.5	1621.3
57.5°	7685.4	7701.5	8269.3	9392.4	9985.0	9967.6	9772.6	9375.0	9065.7	7886.6	2309.6
60°	8071.8	8046.9	8346.3	9463.2	10067.0	10109.3	9970.1	9571.3	9344.0	8384.8	3226.5
62.5°	8770.0	8756.3	8852.0	9765.1	10306.8	10392.5	10244.7	9713.0	9590.0	8712.8	4272.6
65°	9393.7	9365.1	9542.7	10300.6	10728.0	10788.9	10659.6	9955.2	9698.0	8951.4	5255.3
67.5°	9663.3	9657.0	9942.8	10810.0	11170.3	11236.1	11123.1	10289.4	9673.2	9027.2	5688.9
70°	9540.3	9516.7	9973.9	11026.2	11420.0	11494.5	11385.2	10413.7	9403.6	8787.4	5046.6
71°	9404.8	9341.5	9880.7	11011.2	11454.8	11518.1	11326.8	10300.6	9132.8	8447.0	4463.9
72.5°	8984.9	8996.1	9624.7	10855.9	11371.5	11352.9	10996.3	9895.6	8806.0	7674.2	3585.5
75°	7951.3	8017.1	8796.1	10203.7	10628.6	10391.3	9845.9	9121.6	8150.0	5502.5	2489.7
77.5°	6497.7	6595.8	7451.8	8948.9	8828.4	8804.8	8782.4	8037.0	6959.8	2955.6	1731.9
80°	3102.2	3314.7	4494.9	6388.3	6940.0	7207.1	7039.3	6476.5	5382.0	1407.6	1034.9
82.5°	202.5	200.0	283.3	536.7	2262.4	2924.6	4646.5	4629.1	3752.0	685.8	422.4
85°	95.7	98.1	108.1	123.0	142.9	156.5	216.2	1267.2	1795.2	326.7	91.9
87.5°	55.9	57.1	67.1	85.7	111.8	124.2	147.8	190.1	233.6	180.1	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: P1048430

CATALOG NUMBER: GALN-SA4B-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6
2.5°	101.9	100.6	96.9	93.2	89.5	87.0	85.7	87.0	87.0	88.2	88.2
5°	101.9	98.1	91.9	84.5	79.5	74.5	72.1	70.8	72.1	72.1	72.1
7.5°	100.6	94.4	85.7	77.0	70.8	64.6	62.1	60.9	60.9	62.1	62.1
10°	98.1	91.9	80.8	70.8	63.4	55.9	52.2	48.5	48.5	48.5	49.7
12.5°	96.9	88.2	74.5	64.6	54.7	46.0	38.5	34.8	36.0	36.0	36.0
15°	94.4	84.5	70.8	58.4	46.0	34.8	28.6	24.8	26.1	27.3	26.1
17.5°	94.4	83.2	65.8	50.9	36.0	26.1	21.1	18.6	18.6	19.9	19.9
20°	94.4	80.8	62.1	43.5	27.3	19.9	14.9	13.7	13.7	16.2	17.4
22.5°	96.9	80.8	57.1	36.0	22.4	14.9	11.2	9.9	11.2	13.7	14.9
25°	100.6	79.5	52.2	32.3	18.6	11.2	8.7	6.2	7.5	9.9	11.2
27.5°	104.4	78.3	47.2	28.6	14.9	8.7	6.2	5.0	3.7	5.0	5.0
30°	108.1	78.3	42.2	23.6	12.4	6.2	3.7	2.5	1.2	0.0	0.0
32.5°	110.6	75.8	38.5	18.6	9.9	5.0	2.5	1.2	0.0	0.0	0.0
35°	113.1	73.3	33.5	14.9	7.5	3.7	1.2	0.0	0.0	0.0	0.0
37.5°	115.5	69.6	28.6	12.4	6.2	2.5	0.0	0.0	0.0	0.0	0.0
40°	118.0	64.6	23.6	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	120.5	60.9	19.9	8.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	126.7	58.4	16.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	137.9	55.9	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	154.1	53.4	13.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	176.4	52.2	12.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	216.2	50.9	11.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	284.5	49.7	11.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	436.1	47.2	11.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	779.0	46.0	9.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1357.9	47.2	9.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1946.8	49.7	8.7	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1666.0	43.5	8.7	5.0	2.5	1.2	0.0	0.0	0.0	0.0	0.0
71°	1357.9	38.5	8.7	5.0	2.5	1.2	1.2	0.0	0.0	0.0	0.0
72.5°	873.4	29.8	7.5	5.0	2.5	2.5	1.2	0.0	0.0	0.0	0.0
75°	369.0	24.8	7.5	5.0	3.7	2.5	2.5	1.2	0.0	0.0	0.0
77.5°	157.8	18.6	7.5	6.2	5.0	3.7	3.7	2.5	1.2	0.0	0.0
80°	59.6	14.9	8.7	7.5	6.2	6.2	5.0	2.5	1.2	0.0	0.0
82.5°	27.3	12.4	8.7	7.5	7.5	6.2	5.0	3.7	2.5	0.0	0.0
85°	17.4	11.2	8.7	7.5	7.5	6.2	6.2	3.7	2.5	0.0	0.0
87.5°	13.7	11.2	8.7	8.7	7.5	7.5	5.0	3.7	1.2	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

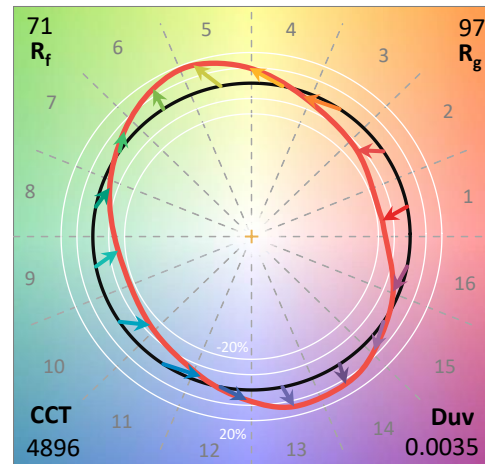
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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



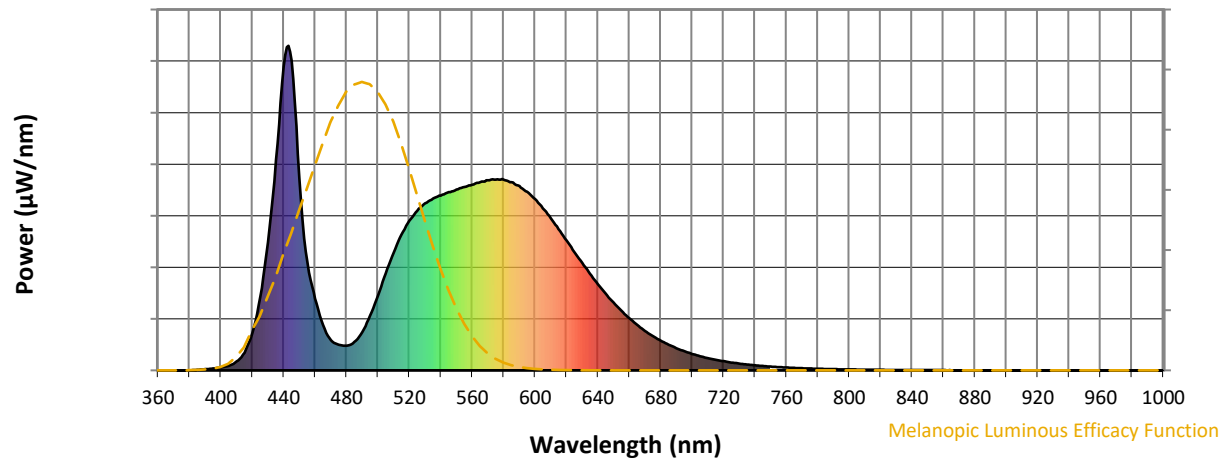
Scotopic Lumens: NR

S/P: 1.7

λ (nm)	Power W [^] /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

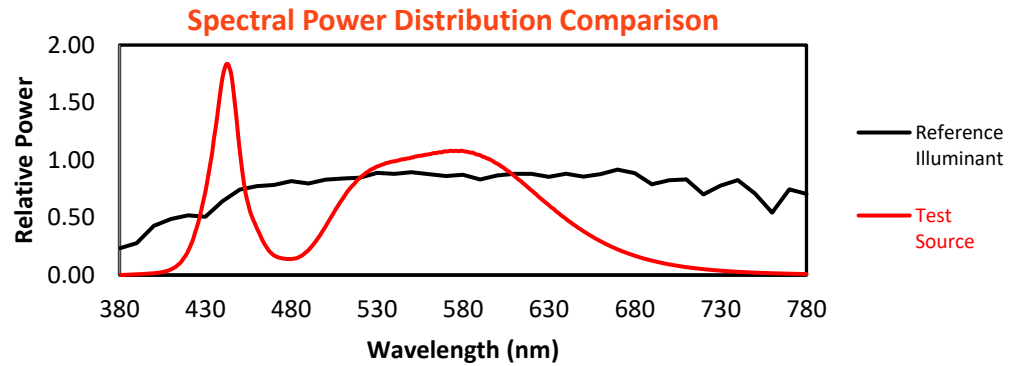
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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

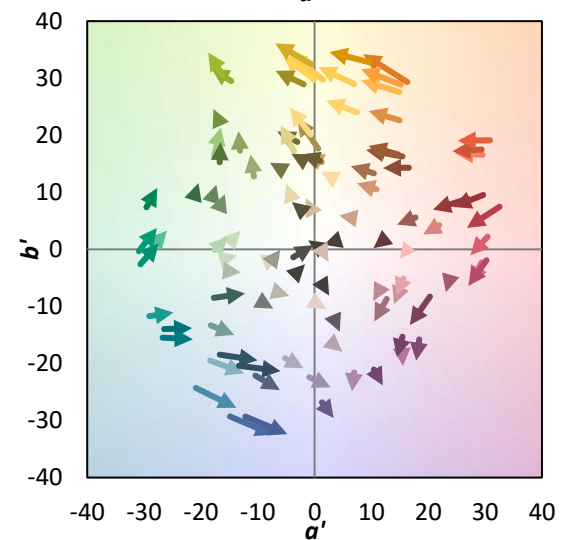
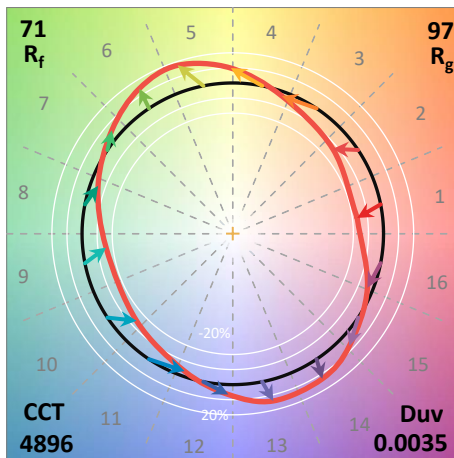
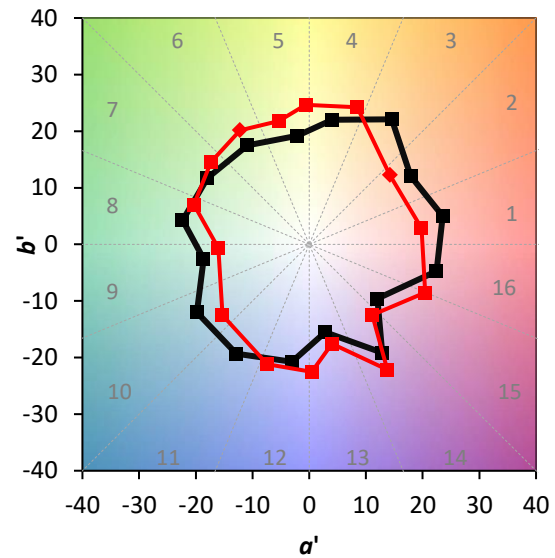
TM-30-18

Summary

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



Color Vector Graphics

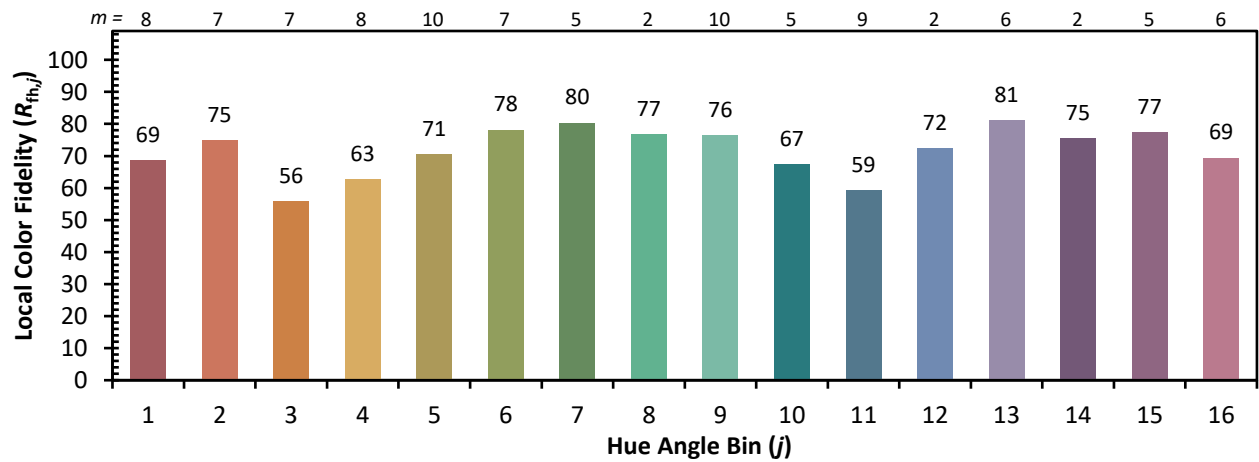
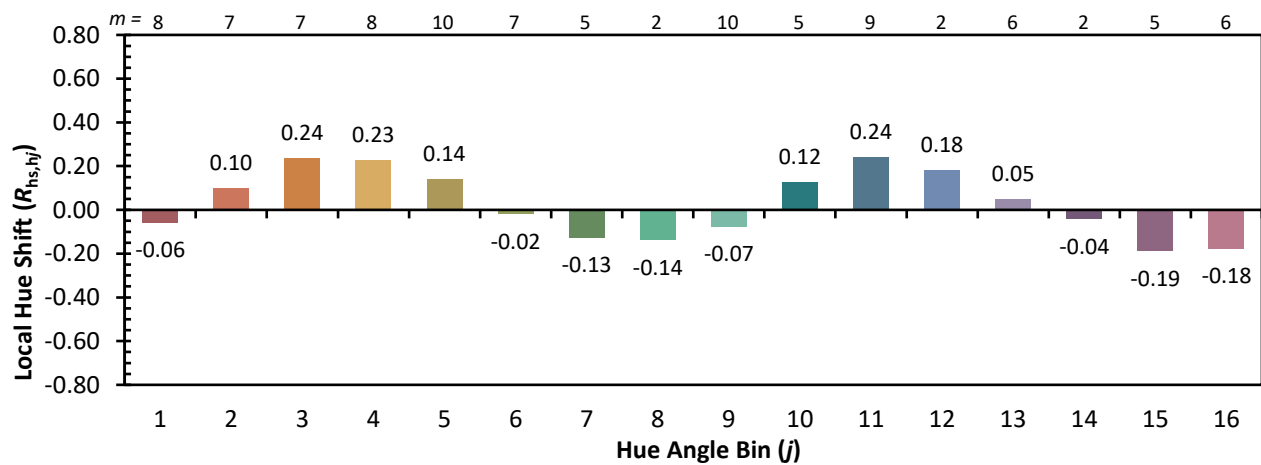
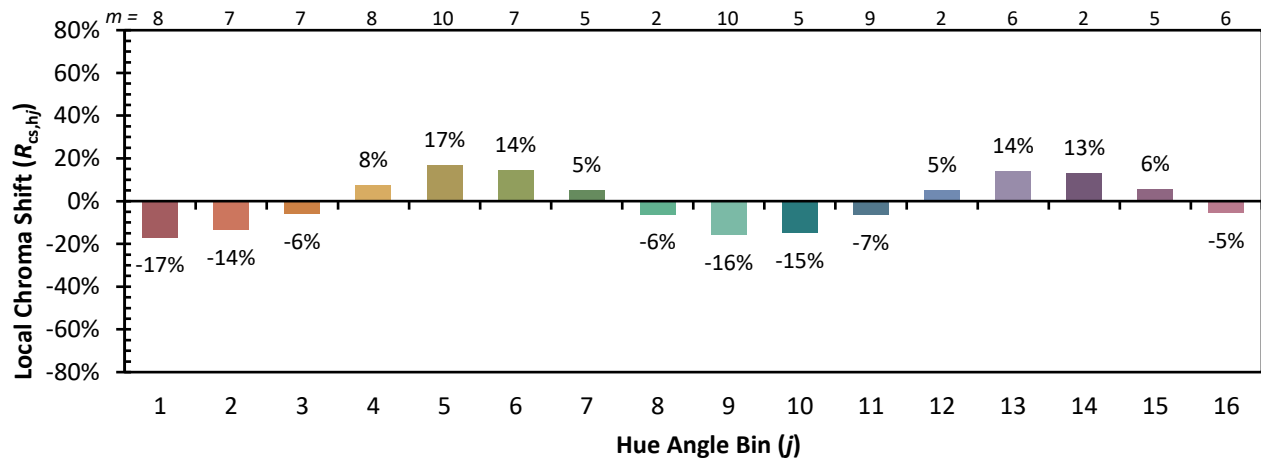


Individual Sample Fidelity Index ($R_{f,i}$)

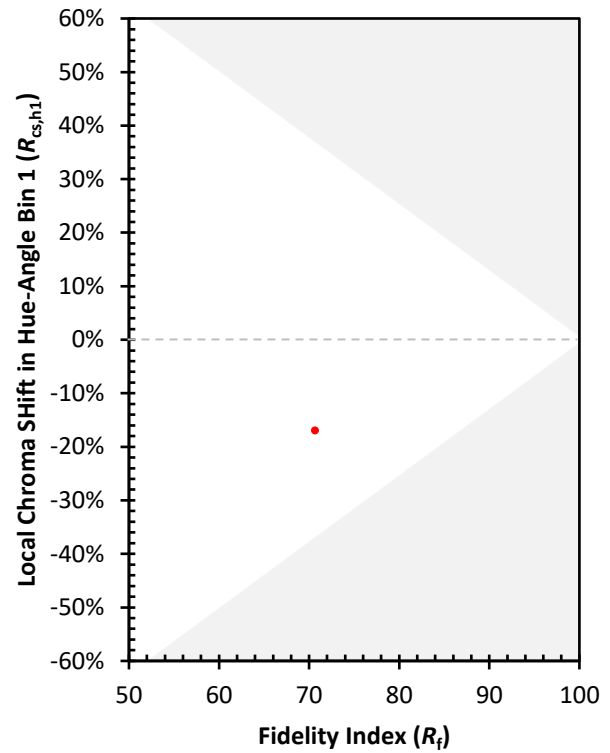
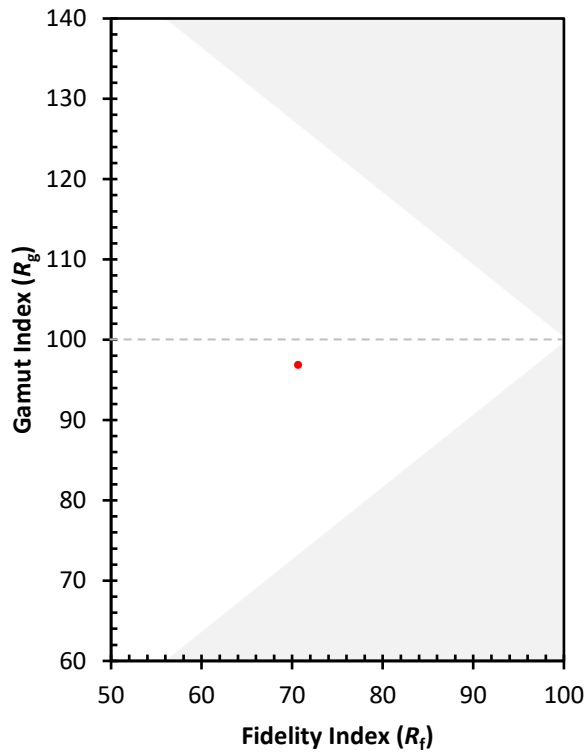
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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