

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: P1047202

Luminaire Tested: **GALN-SA3B-750-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047202
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-750-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14808.2 lumens
Efficiency: N/A
Efficacy: 139.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

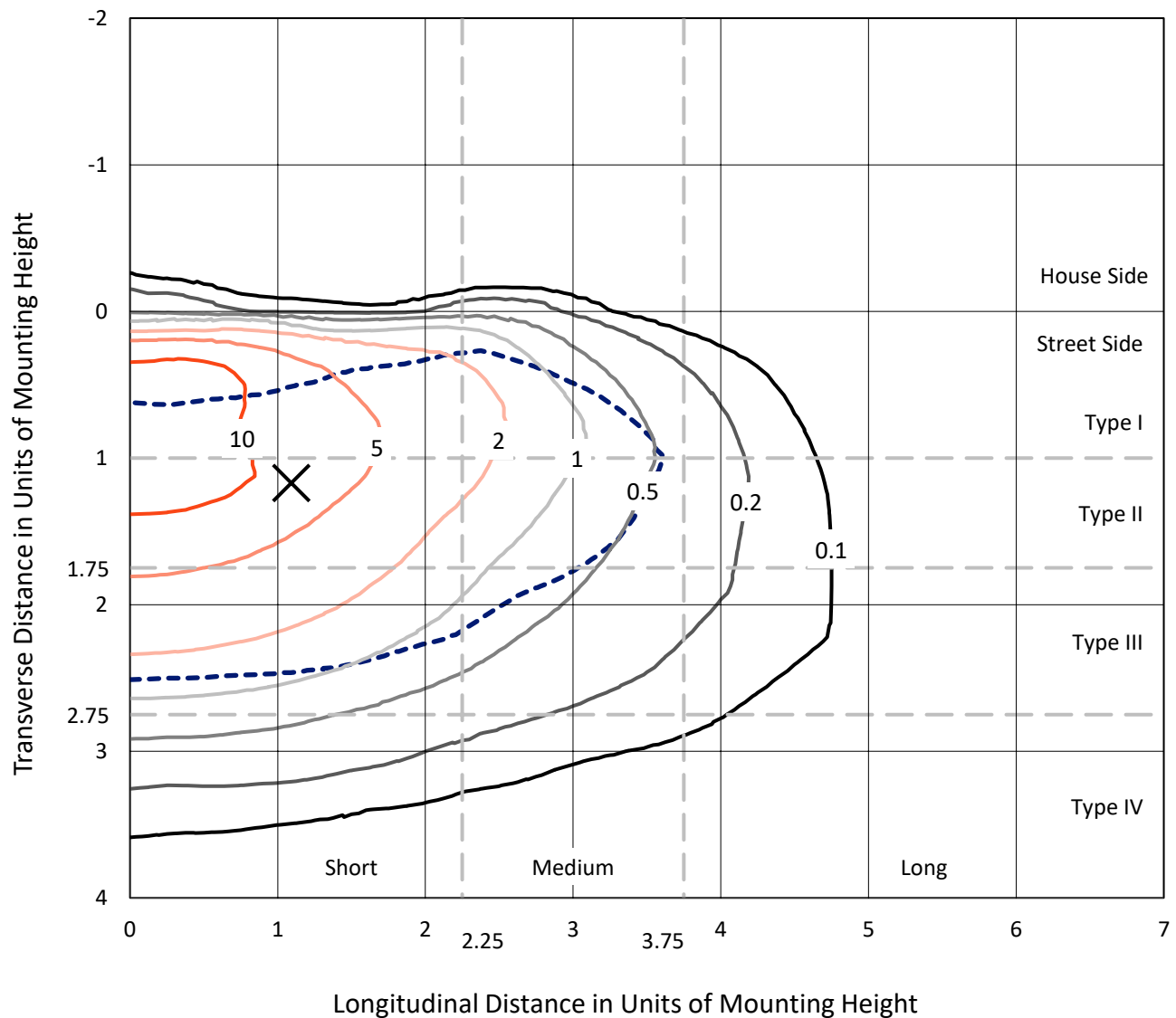


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

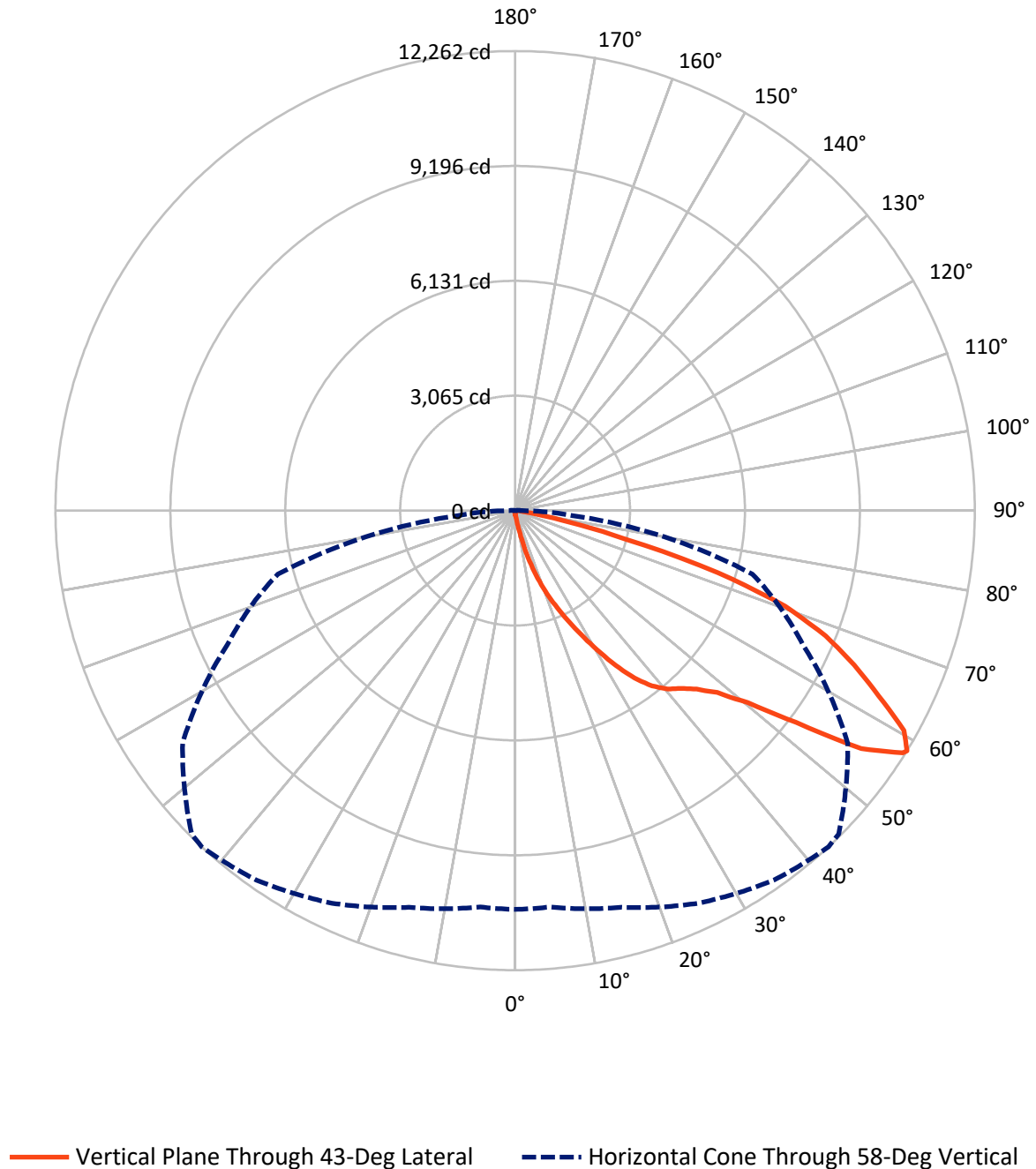


Based on 15 foot mounting height. Maximum calculated value = 16.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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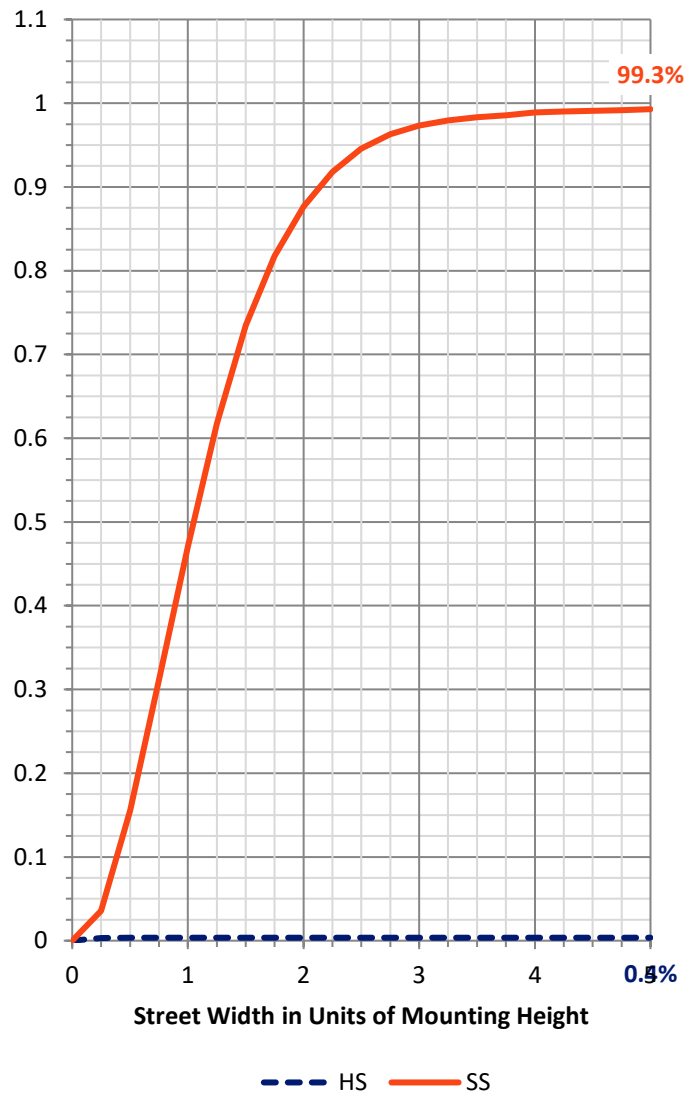
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	54.1	0.0	54.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14754.2	0.0	14754.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	14808.2	0.0	14808.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	0.1
10°-20°	170.2	1.1
20°-30°	613.5	4.1
30°-40°	1403.7	9.5
40°-50°	2367.5	16.0
50°-60°	3907.0	26.4
60°-70°	4366.6	29.5
70°-80°	1802.9	12.2
80°-90°	162.5	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°	14808.2	100.0
0°-180°	14808.2	100.0



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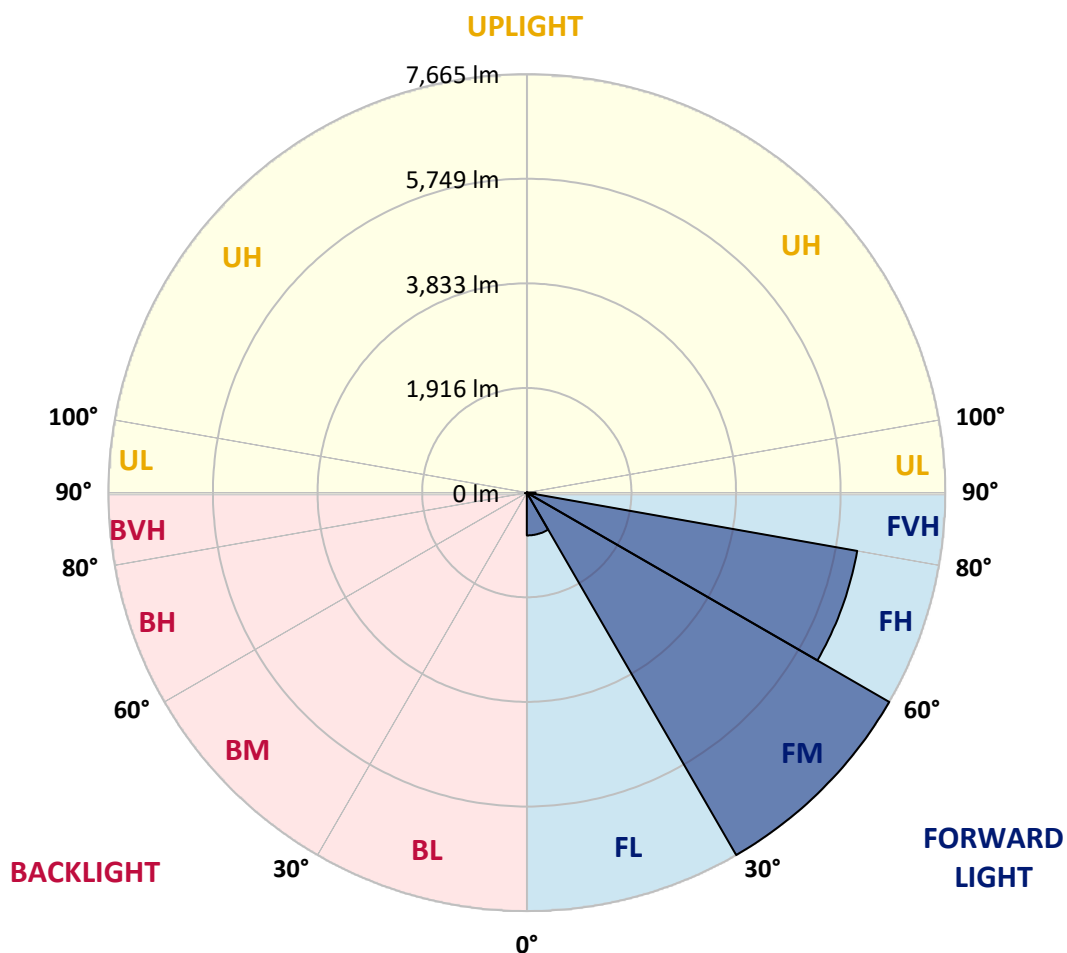
CATALOG NUMBER: GALN-SA3B-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	783.8	5.3			
FM	(30°-60°)	7665.3	51.8			
FH	(60°-80°)	6144.7	41.5			G3/7500
FVH	(80°-90°)	160.3	1.1			G2/225
BL	(0°-30°)	14.1	0.1	B0/110		
BM	(30°-60°)	13.0	0.1	B0/220		
BH	(60°-80°)	24.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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 III Short



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CATALOG NUMBER: GALN-SA3B-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2.5°	116.2	120.1	116.2	116.2	116.2	112.3	112.3	108.4	108.4	104.6	100.7
5°	170.4	170.4	158.8	151.0	143.3	139.4	135.6	127.8	120.1	112.3	104.6
7.5°	379.6	379.6	344.7	298.2	236.3	201.4	193.6	158.8	135.6	120.1	104.6
10°	906.3	906.3	828.8	701.0	542.2	402.8	360.2	228.5	162.7	127.8	108.4
12.5°	1506.6	1525.9	1429.1	1266.5	1030.2	786.2	701.0	418.3	216.9	139.4	108.4
15°	2044.9	1998.4	1971.3	1816.4	1591.8	1301.3	1192.9	704.9	313.7	158.8	108.4
17.5°	2409.0	2409.0	2370.3	2265.7	2060.4	1804.8	1715.7	1138.7	507.4	182.0	112.3
20°	2835.0	2835.0	2765.3	2691.7	2509.7	2292.8	2207.6	1618.9	786.2	232.4	112.3
22.5°	3350.1	3357.9	3280.4	3148.7	2974.4	2734.3	2660.7	2064.3	1138.7	309.8	116.2
25°	3977.5	3985.3	3873.0	3749.0	3481.8	3222.3	3110.0	2575.5	1568.5	433.8	116.2
27.5°	4670.8	4725.0	4558.5	4345.5	4062.7	3737.4	3652.2	3036.4	1994.6	611.9	123.9
30°	5534.5	5534.5	5313.7	5015.5	4709.5	4306.7	4198.3	3520.5	2447.7	848.2	131.7
32.5°	6278.1	6220.0	5937.3	5623.5	5298.2	4922.5	4806.3	4027.9	2912.5	1142.5	147.2
35°	6847.4	6797.0	6448.5	6111.5	5828.8	5484.1	5344.7	4577.8	3404.3	1475.6	170.4
37.5°	7335.4	7316.0	6843.5	6421.4	6235.5	5933.4	5809.4	5096.8	3888.5	1835.8	197.5
40°	7869.9	7807.9	7304.4	6781.6	6502.7	6258.7	6146.4	5515.1	4353.2	2257.9	236.3
42.5°	8326.9	8253.3	7800.1	7288.9	6812.5	6483.3	6374.9	5867.5	4806.3	2680.1	286.6
45°	8834.2	8795.5	8338.5	7951.2	7316.0	6789.3	6646.0	6150.3	5220.8	3183.6	352.4
47.5°	9597.2	9527.5	9101.5	8783.9	8048.0	7254.1	7048.8	6440.7	5619.7	3679.3	453.1
50°	10484.1	10437.6	10185.9	9934.1	9202.2	8048.0	7804.0	6859.0	6065.1	4268.0	584.8
52.5°	11208.4	11200.6	11231.6	11235.5	10681.6	9384.2	9020.1	7532.9	6576.3	4848.9	770.7
55°	11192.9	11227.7	11568.5	11959.7	12002.3	11208.4	10855.9	8667.7	7242.4	5565.4	1030.2
57.5°	10774.6	10747.5	11107.7	11696.3	12110.8	12196.0	12137.9	10429.9	8245.5	6429.1	1429.1
58°	10639.0	10615.8	10956.6	11556.9	12033.3	12261.8	12203.7	10828.8	8470.2	6553.1	1537.6
60°	10147.2	10151.0	10352.4	10898.5	11374.9	11917.1	11971.3	11967.5	9589.5	7381.9	2083.7
62.5°	9496.5	9465.5	9651.4	10096.8	10515.1	10879.2	10972.1	12044.9	11227.7	8435.3	3125.5
65°	8598.0	8551.5	8749.0	9252.5	9701.8	9938.0	9941.9	11007.0	11998.4	9566.2	4612.7
67.5°	6928.7	6890.0	7285.0	7931.8	8625.1	8934.9	9074.4	9550.7	11347.8	10333.1	5464.8
70°	4244.8	4326.1	4876.1	5890.8	7075.9	7645.2	7854.4	8001.5	9663.0	10216.9	4570.1
72.5°	1959.7	1862.9	2331.5	3040.3	4391.9	5658.4	5875.3	6452.4	7660.7	8869.1	3408.2
75°	914.0	879.2	987.6	1328.4	1990.7	3055.8	3450.8	5151.0	5875.3	6169.6	2459.3
77.5°	468.6	472.5	561.6	604.2	821.1	1413.6	1622.8	3388.8	4306.7	3443.1	1649.9
80°	205.3	213.0	216.9	236.3	333.1	546.1	615.8	1572.4	2943.5	1754.5	902.4
82.5°	131.7	135.6	135.6	135.6	158.8	216.9	247.9	631.3	1467.9	871.4	278.9
85°	69.7	69.7	77.5	96.8	112.3	131.7	139.4	201.4	484.1	259.5	65.8
87.5°	38.7	42.6	46.5	58.1	73.6	89.1	96.8	139.4	185.9	178.2	15.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3B-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2.5°	100.7	96.8	93.0	89.1	85.2	81.3	81.3	81.3	81.3	81.3	81.3
5°	96.8	93.0	89.1	81.3	73.6	69.7	65.8	62.0	62.0	62.0	62.0
7.5°	96.8	93.0	81.3	73.6	65.8	58.1	50.3	50.3	50.3	50.3	50.3
10°	96.8	89.1	77.5	65.8	54.2	46.5	42.6	38.7	38.7	38.7	38.7
12.5°	96.8	85.2	73.6	58.1	46.5	38.7	34.9	31.0	31.0	31.0	31.0
15°	96.8	85.2	69.7	54.2	42.6	31.0	27.1	23.2	23.2	23.2	23.2
17.5°	93.0	81.3	65.8	46.5	34.9	23.2	19.4	15.5	15.5	19.4	19.4
20°	89.1	77.5	58.1	38.7	27.1	19.4	11.6	11.6	11.6	11.6	11.6
22.5°	89.1	77.5	54.2	34.9	23.2	11.6	7.7	7.7	7.7	7.7	11.6
25°	89.1	73.6	46.5	27.1	15.5	7.7	3.9	3.9	3.9	3.9	3.9
27.5°	89.1	73.6	42.6	23.2	11.6	7.7	3.9	0.0	0.0	0.0	0.0
30°	85.2	69.7	38.7	19.4	7.7	3.9	0.0	0.0	0.0	0.0	0.0
32.5°	85.2	65.8	31.0	15.5	7.7	3.9	0.0	0.0	0.0	0.0	0.0
35°	89.1	62.0	27.1	11.6	3.9	0.0	0.0	0.0	0.0	0.0	3.9
37.5°	93.0	58.1	23.2	7.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	96.8	54.2	23.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	104.6	54.2	19.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	112.3	54.2	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	127.8	58.1	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	139.4	62.0	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	154.9	58.1	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	174.3	58.1	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	189.8	54.2	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	197.5	50.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	236.3	46.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	367.9	38.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	747.5	34.9	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1394.3	31.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1560.8	34.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	983.7	27.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	519.0	27.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	259.5	27.1	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	120.1	19.4	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	50.3	11.6	7.7	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.2	11.6	7.7	7.7	3.9	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	11.6	11.6	7.7	7.7	3.9	3.9	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

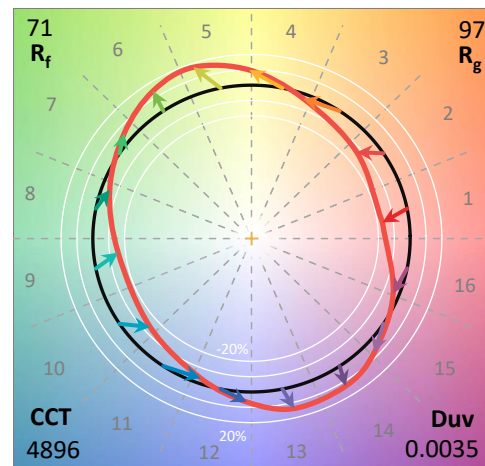
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

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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

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CIE 1931 Chromaticity Diagram



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



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Photopic Flux vs. Wavelength

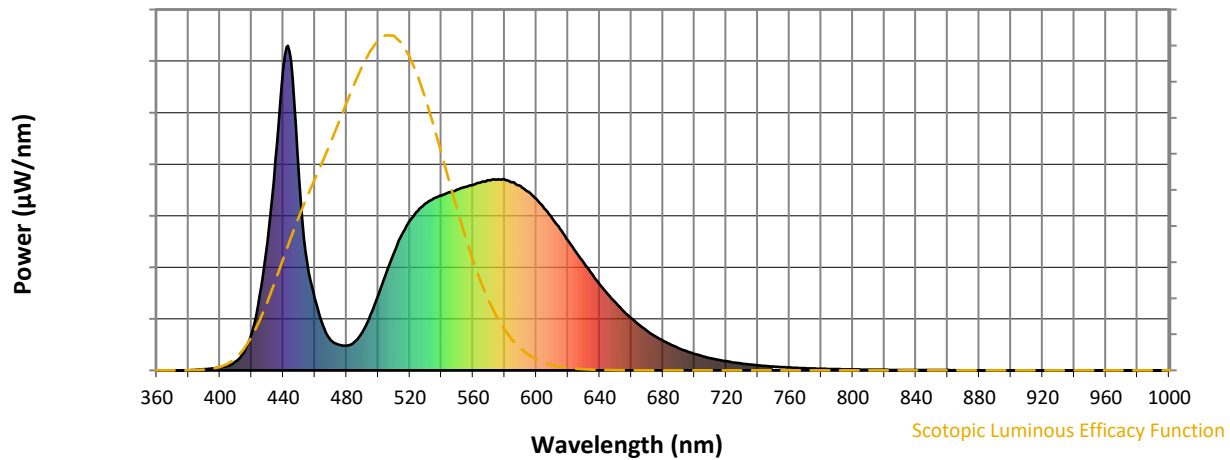


Photopic Lumens: NR

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



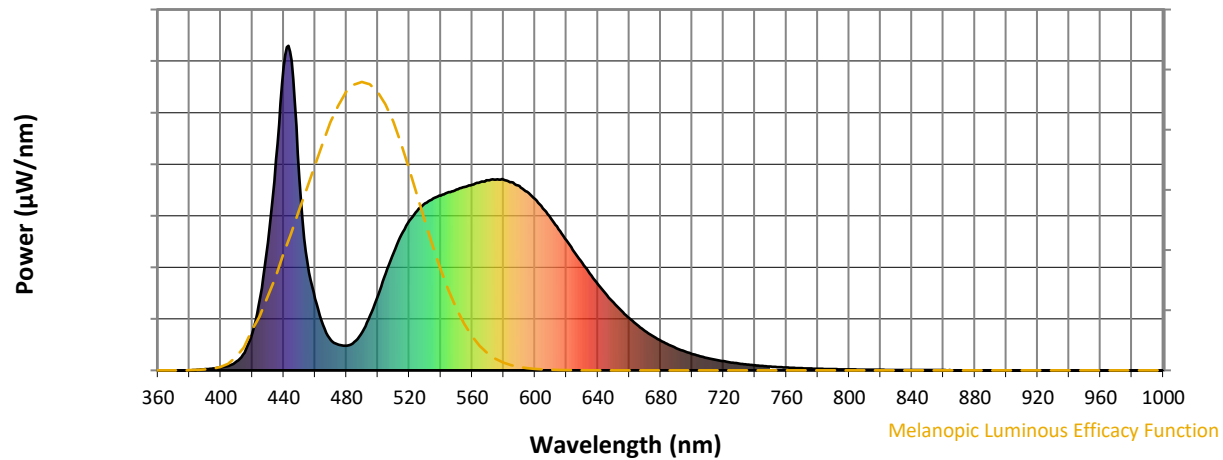
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

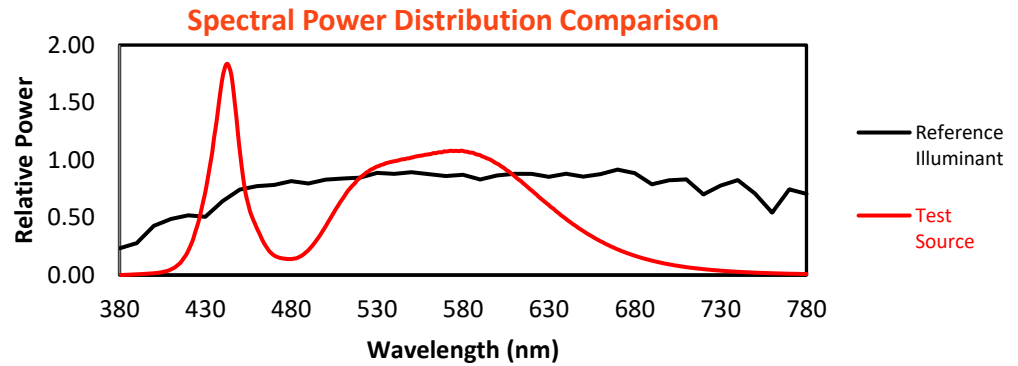
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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

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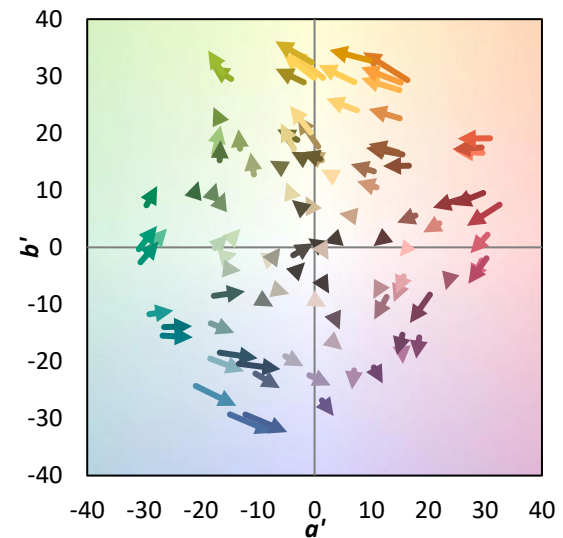
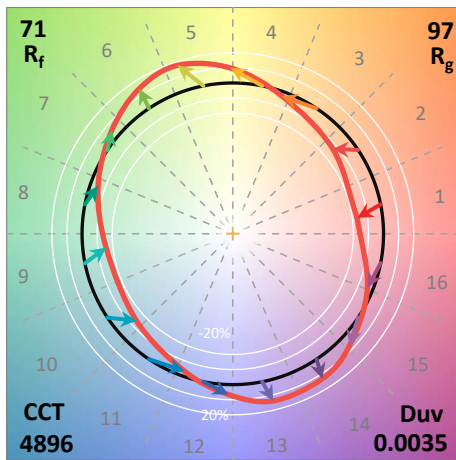
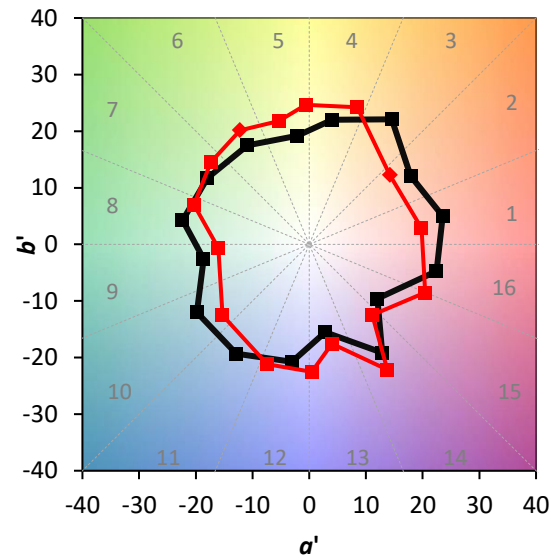
TM-30-18

Summary

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

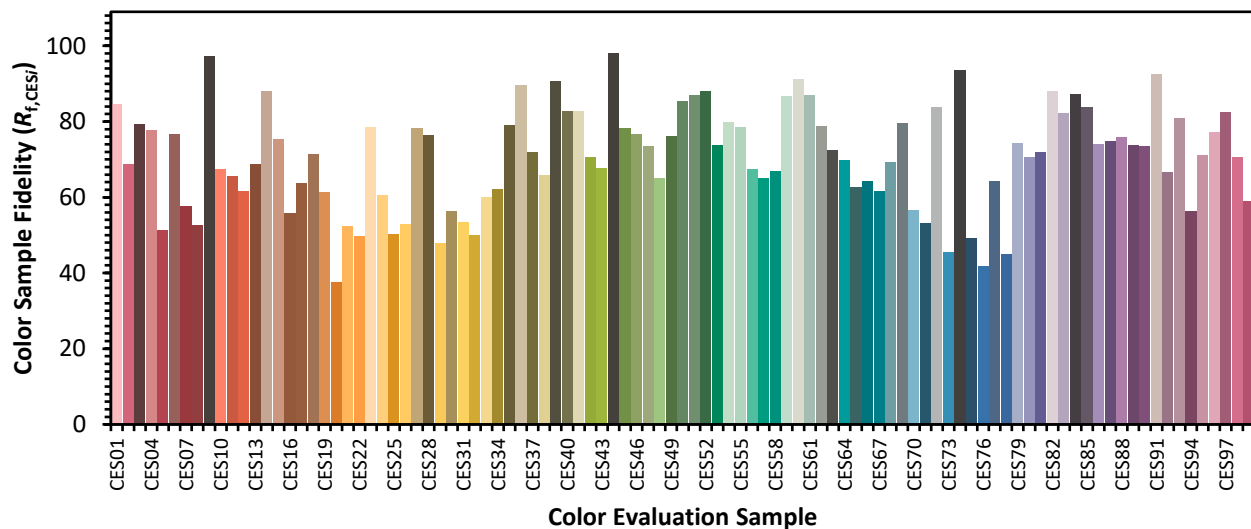


Color Vector Graphics

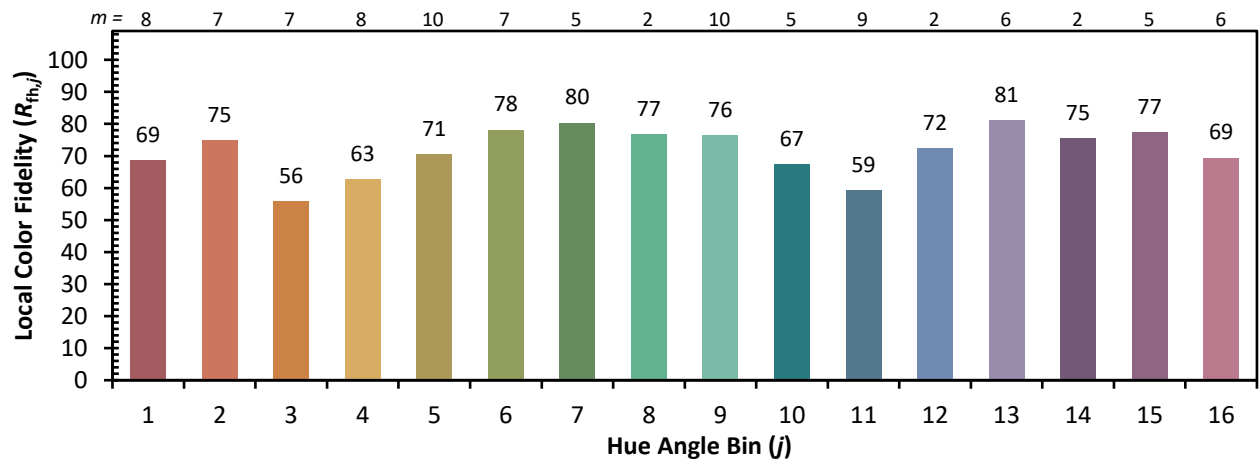
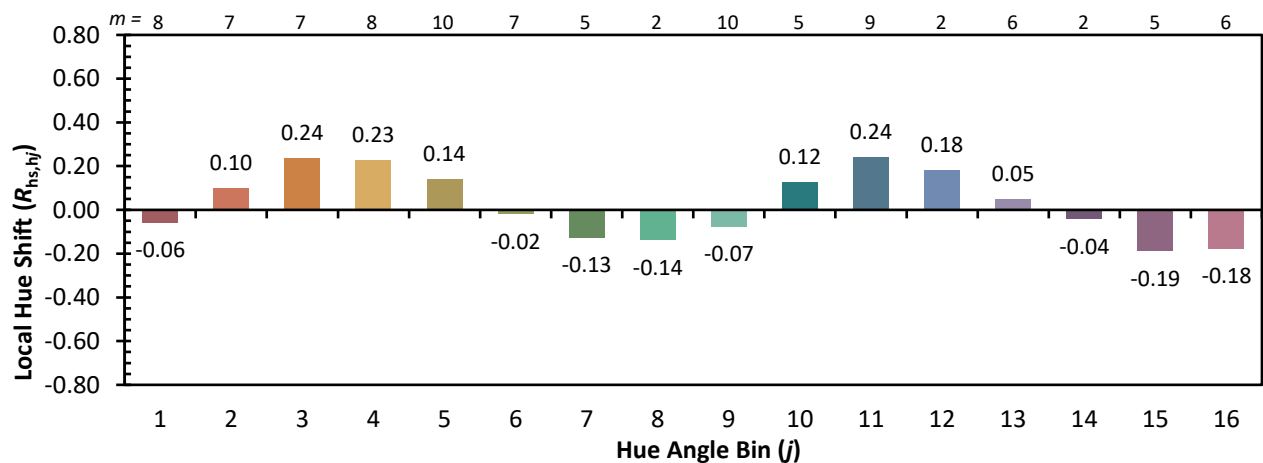
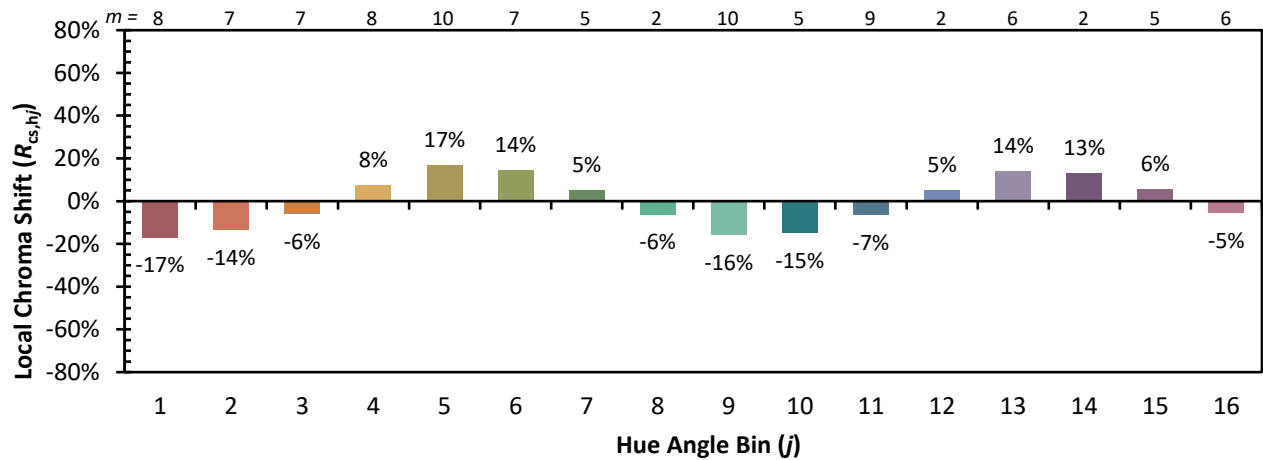


Individual Sample Fidelity Index ($R_{f,i}$)

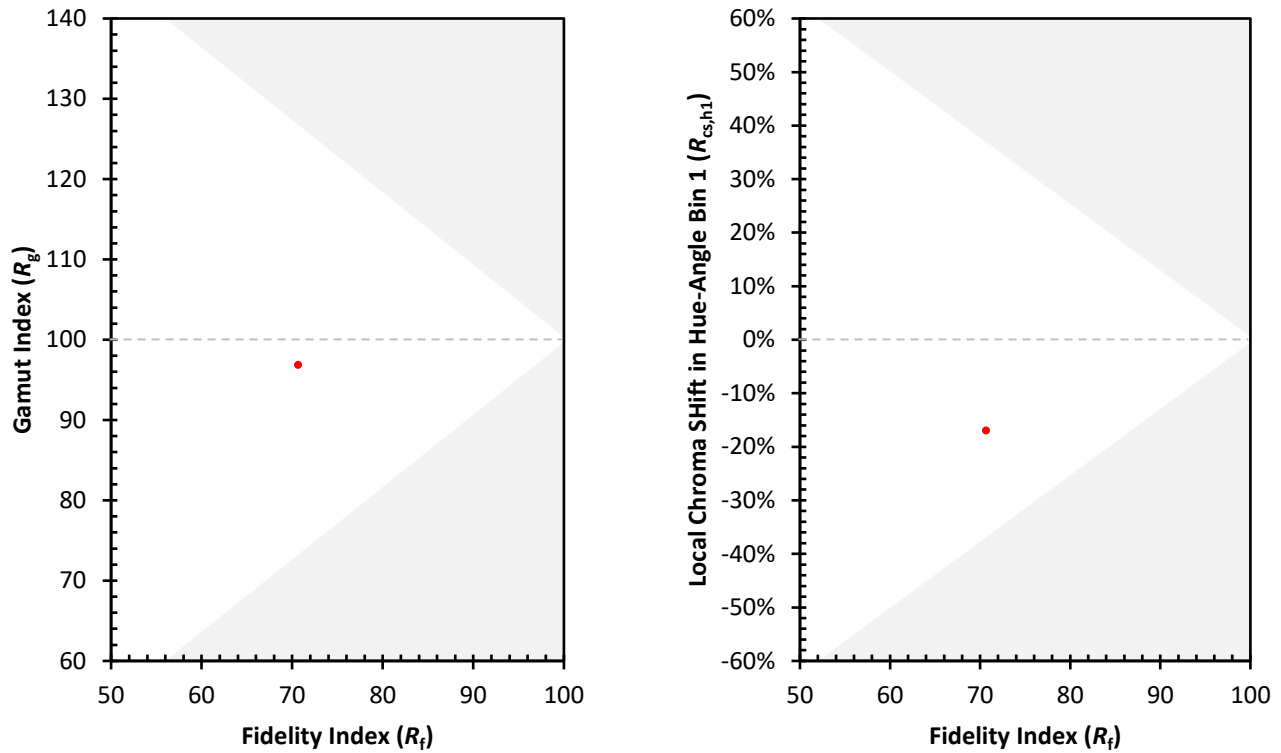
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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