

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: P1048441

Luminaire Tested: **GALN-SA7A-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048441
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25360.6 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 193.1
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

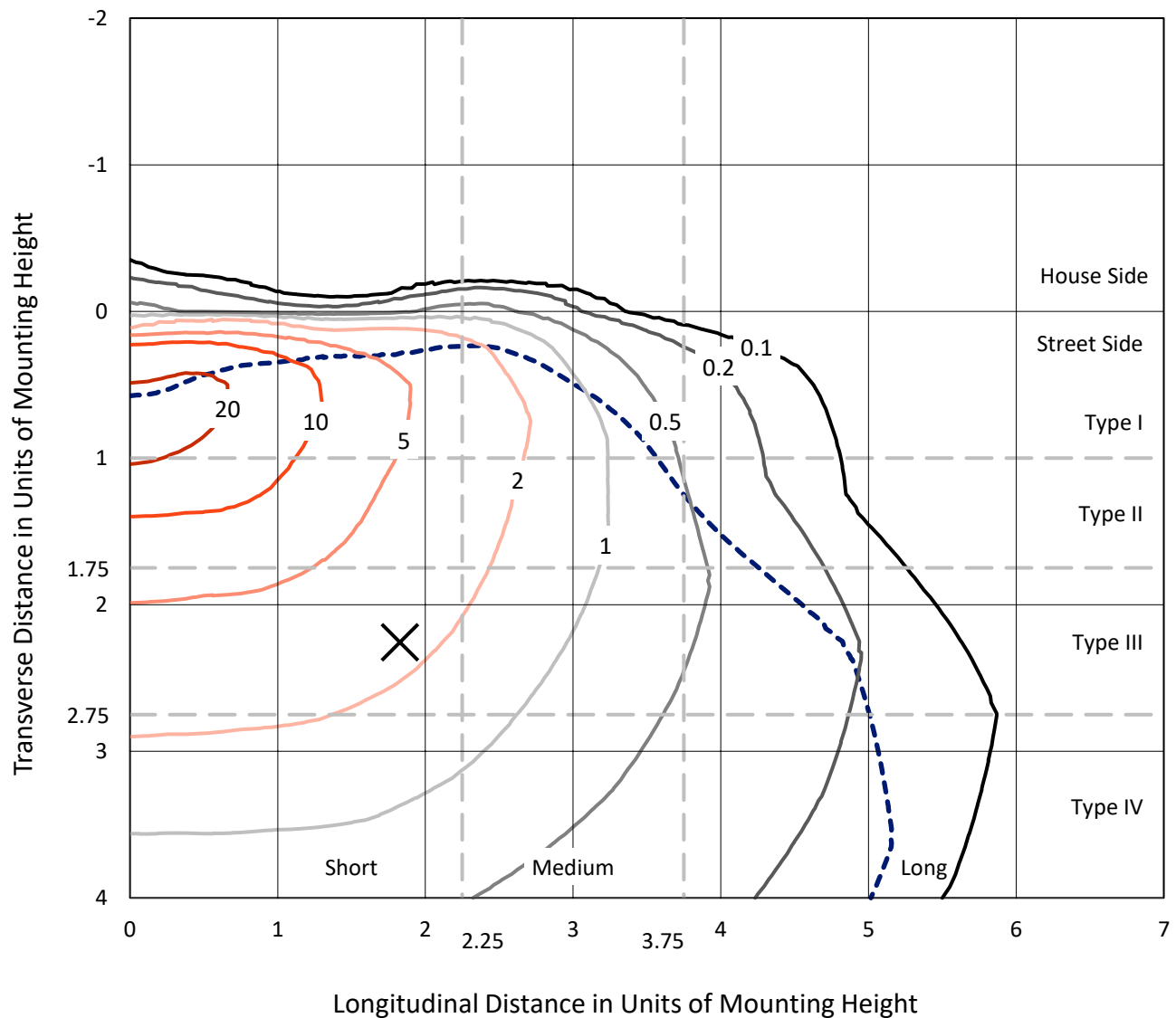


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CATALOG NUMBER: GALN-SA7A-750-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

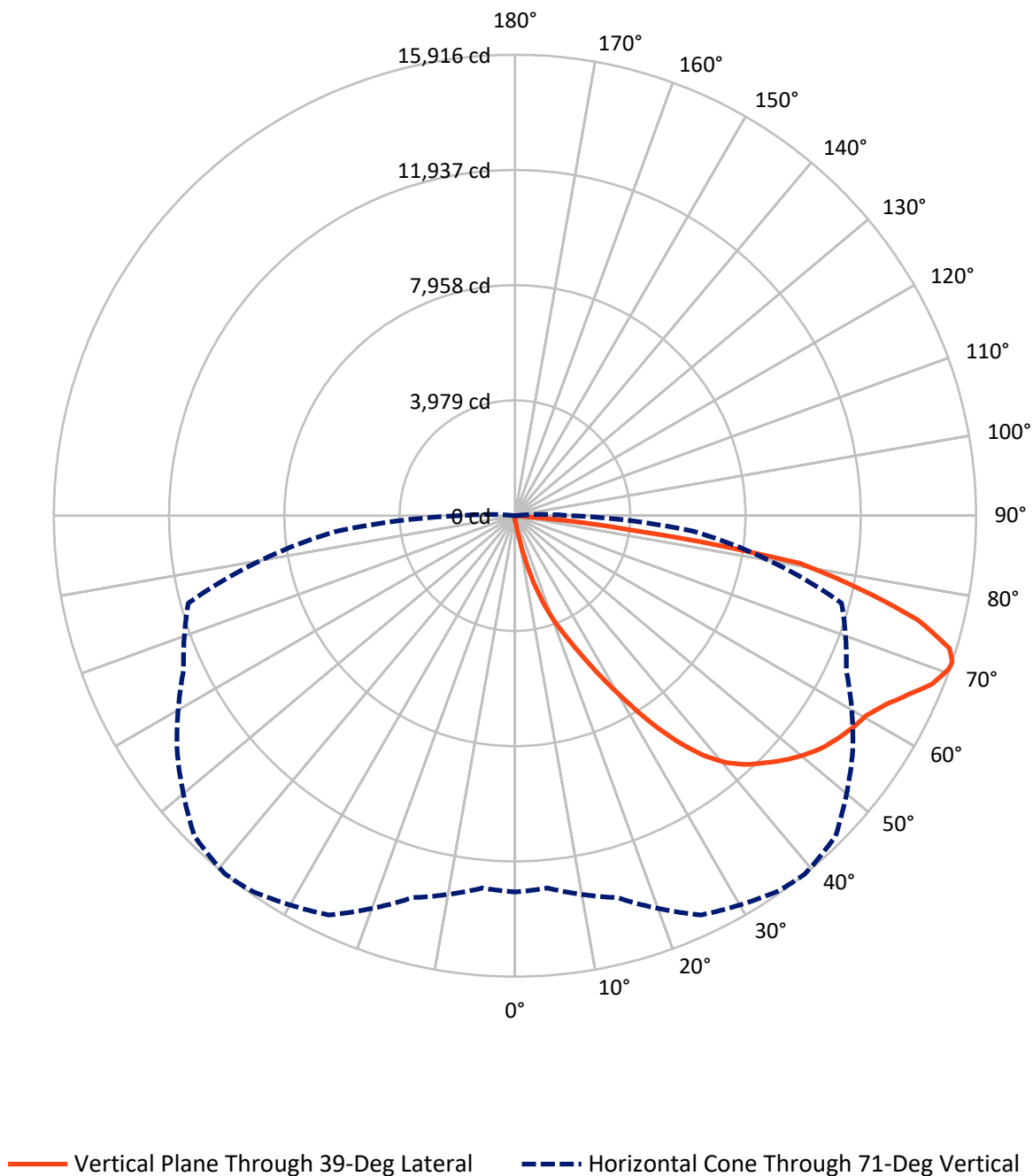


Based on 15 foot mounting height. Maximum calculated value = 26.1 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA7A-750-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	90.1	0.0	90.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25270.5	0.0	25270.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	25360.6	0.0	25360.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.2	0.1
10°-20°	271.1	1.1
20°-30°	965.3	3.8
30°-40°	2326.4	9.2
40°-50°	3893.5	15.4
50°-60°	5000.7	19.7
60°-70°	6328.4	25.0
70°-80°	5642.0	22.2
80°-90°	912.0	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°	25360.6	100.0
0°-180°	25360.6	100.0



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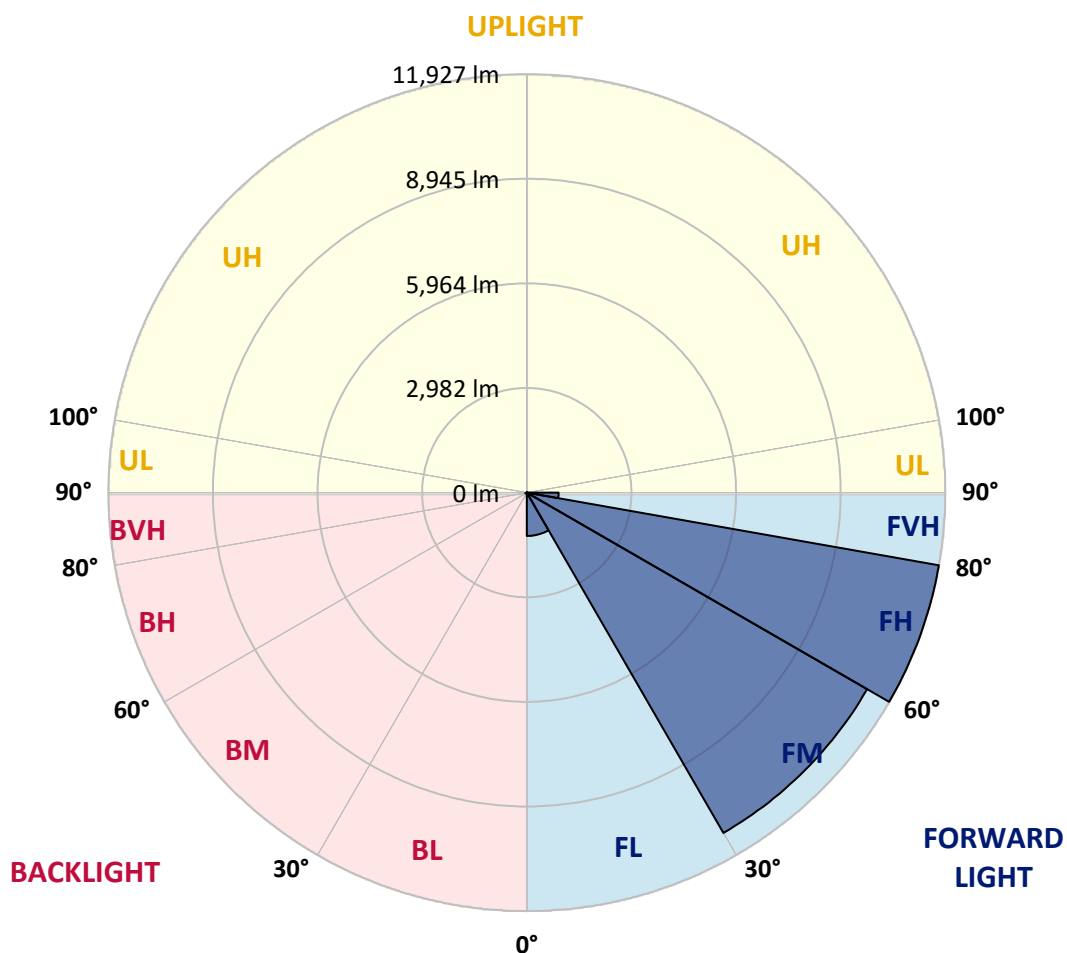
CATALOG NUMBER: GALN-SA7A-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1235.7	4.9			
FM	(30°-60°)	11199.7	44.2			
FH	(60°-80°)	11927.1	47.0			G4/12000
FVH	(80°-90°)	907.9	3.6			G5
BL	(0°-30°)	21.8	0.1	B0/110		
BM	(30°-60°)	20.9	0.1	B0/220		
BH	(60°-80°)	43.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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 IV Short



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CATALOG NUMBER: GALN-SA7A-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1
2.5°	159.7	159.7	159.7	154.5	154.5	152.8	151.1	151.1	147.6	145.9	142.5
5°	242.1	236.9	224.9	218.0	204.3	195.7	187.1	175.1	163.1	154.5	144.2
7.5°	547.7	559.7	520.2	446.4	370.8	338.2	283.3	228.3	188.8	163.1	145.9
10°	1395.7	1388.9	1255.0	1107.3	855.0	753.7	590.6	372.5	243.8	178.5	147.6
12.5°	2374.3	2367.4	2209.5	2008.6	1675.6	1464.4	1155.4	695.3	350.2	202.6	147.6
15°	3196.6	3169.2	3119.4	2920.2	2530.5	2353.7	1945.1	1229.2	566.5	243.8	151.1
17.5°	3740.9	3716.8	3670.5	3598.4	3351.1	3141.7	2813.8	1931.4	916.8	315.9	157.9
20°	4240.4	4223.3	4185.5	4171.8	4012.1	3900.5	3629.3	2738.3	1428.4	429.2	168.2
22.5°	4927.2	4891.1	4906.5	4824.1	4667.9	4534.0	4367.5	3582.9	2053.3	618.0	187.1
25°	5768.4	5751.2	5708.3	5649.9	5433.6	5316.9	5061.1	4379.5	2752.0	865.3	207.7
27.5°	6784.7	6765.8	6755.5	6621.6	6372.7	6245.6	5888.5	5131.4	3538.3	1212.0	235.2
30°	7955.5	7964.1	7897.2	7725.5	7435.4	7256.8	6889.4	5919.4	4343.4	1618.9	264.4
32.5°	9167.6	9150.4	9047.4	8844.8	8585.6	8419.1	7952.1	6783.0	5188.1	2156.3	298.7
35°	10474.1	10441.4	10170.2	9938.4	9717.0	9507.5	9081.8	7785.6	6032.8	2758.9	345.1
37.5°	11792.5	11639.8	11095.5	10802.0	10649.2	10477.5	10080.9	8855.1	6872.3	3431.8	401.7
40°	12788.3	12669.8	12024.3	11483.5	11361.6	11215.7	10920.4	9778.8	7765.0	4154.6	470.4
42.5°	13339.4	13274.1	12693.9	12159.9	11873.2	11744.5	11492.1	10585.6	8647.4	4952.9	570.0
45°	13574.6	13473.3	13085.3	12836.3	12379.7	12166.8	11866.4	11195.1	9569.3	5859.4	709.0
47.5°	13502.5	13444.1	13166.0	13257.0	12925.6	12594.3	12153.1	11662.1	10357.3	6899.7	899.6
50°	13049.2	12999.4	12913.6	13406.3	13365.1	12973.7	12523.9	12031.2	11001.1	7972.7	1194.9
52.5°	12187.4	12166.8	12386.5	13289.6	13614.0	13308.5	12881.0	12357.4	11602.0	9093.8	1617.2
55°	11076.6	11160.8	11789.1	13107.6	13741.1	13555.7	13196.9	12663.0	12084.4	10096.4	2240.4
57.5°	10620.0	10642.3	11426.9	12978.8	13797.7	13773.7	13504.2	12954.8	12527.3	10898.1	3191.5
60°	11153.9	11119.6	11533.3	13076.7	13911.0	13969.4	13777.1	13226.1	12911.9	11586.5	4458.5
62.5°	12118.7	12099.8	12232.0	13493.9	14242.4	14360.8	14156.5	13421.8	13251.8	12039.8	5904.0
65°	12980.6	12941.1	13186.6	14233.8	14824.4	14908.5	14730.0	13756.5	13401.2	12369.4	7262.0
67.5°	13353.1	13344.5	13739.4	14937.7	15435.5	15526.5	15370.3	14218.4	13366.8	12474.1	7861.1
70°	13183.1	13150.5	13782.3	15236.4	15780.6	15883.6	15732.5	14390.0	12994.3	12142.8	6973.6
71°	12996.0	12908.4	13653.5	15215.8	15828.7	15916.2	15651.9	14233.8	12620.0	11672.4	6168.4
72.5°	12415.7	12431.2	13299.9	15001.2	15713.7	15687.9	15195.2	13674.1	12168.5	10604.5	4954.6
75°	10987.4	11078.4	12154.8	14099.9	14687.0	14359.1	13605.5	12604.6	11262.1	7603.6	3440.4
77.5°	8978.7	9114.4	10297.2	12365.9	12199.4	12166.8	12135.9	11105.8	9617.4	4084.2	2393.2
80°	4286.8	4580.4	6211.3	8827.7	9589.9	9959.0	9727.3	8949.6	7437.1	1945.1	1430.1
82.5°	279.8	276.4	391.4	741.6	3126.3	4041.3	6420.7	6396.7	5184.7	947.7	583.7
85°	132.2	135.6	149.4	170.0	197.4	216.3	298.7	1751.1	2480.7	451.5	127.0
87.5°	77.3	79.0	92.7	118.5	154.5	171.7	204.3	262.7	322.8	248.9	27.5
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: P1048441

CATALOG NUMBER: GALN-SA7A-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1
2.5°	140.8	139.1	133.9	128.8	123.6	120.2	118.5	120.2	120.2	121.9	121.9
5°	140.8	135.6	127.0	116.7	109.9	103.0	99.6	97.9	99.6	99.6	99.6
7.5°	139.1	130.5	118.5	106.4	97.9	89.3	85.8	84.1	84.1	85.8	85.8
10°	135.6	127.0	111.6	97.9	87.6	77.3	72.1	67.0	67.0	67.0	68.7
12.5°	133.9	121.9	103.0	89.3	75.5	63.5	53.2	48.1	49.8	49.8	49.8
15°	130.5	116.7	97.9	80.7	63.5	48.1	39.5	34.3	36.1	37.8	36.1
17.5°	130.5	115.0	91.0	70.4	49.8	36.1	29.2	25.8	25.8	27.5	27.5
20°	130.5	111.6	85.8	60.1	37.8	27.5	20.6	18.9	18.9	22.3	24.0
22.5°	133.9	111.6	79.0	49.8	30.9	20.6	15.5	13.7	15.5	18.9	20.6
25°	139.1	109.9	72.1	44.6	25.8	15.5	12.0	8.6	10.3	13.7	15.5
27.5°	144.2	108.2	65.2	39.5	20.6	12.0	8.6	6.9	5.2	6.9	6.9
30°	149.4	108.2	58.4	32.6	17.2	8.6	5.2	3.4	1.7	0.0	0.0
32.5°	152.8	104.7	53.2	25.8	13.7	6.9	3.4	1.7	0.0	0.0	0.0
35°	156.2	101.3	46.4	20.6	10.3	5.2	1.7	0.0	0.0	0.0	0.0
37.5°	159.7	96.1	39.5	17.2	8.6	3.4	0.0	0.0	0.0	0.0	0.0
40°	163.1	89.3	32.6	15.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	166.5	84.1	27.5	12.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	175.1	80.7	22.3	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	190.6	77.3	20.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	212.9	73.8	18.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	243.8	72.1	17.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	298.7	70.4	15.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	393.1	68.7	15.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	602.6	65.2	15.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1076.4	63.5	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1876.4	65.2	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2690.2	68.7	12.0	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	2302.2	60.1	12.0	6.9	3.4	1.7	0.0	0.0	0.0	0.0	0.0
71°	1876.4	53.2	12.0	6.9	3.4	1.7	1.7	0.0	0.0	0.0	0.0
72.5°	1206.9	41.2	10.3	6.9	3.4	3.4	1.7	0.0	0.0	0.0	0.0
75°	509.9	34.3	10.3	6.9	5.2	3.4	3.4	1.7	0.0	0.0	0.0
77.5°	218.0	25.8	10.3	8.6	6.9	5.2	5.2	3.4	1.7	0.0	0.0
80°	82.4	20.6	12.0	10.3	8.6	8.6	6.9	3.4	1.7	0.0	0.0
82.5°	37.8	17.2	12.0	10.3	10.3	8.6	6.9	5.2	3.4	0.0	0.0
85°	24.0	15.5	12.0	10.3	10.3	8.6	8.6	5.2	3.4	0.0	0.0
87.5°	18.9	15.5	12.0	12.0	10.3	10.3	6.9	5.2	1.7	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

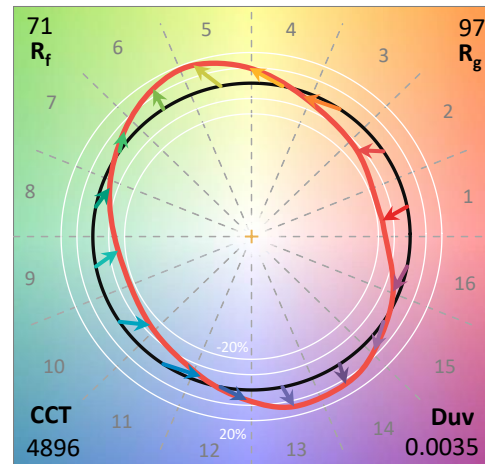
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

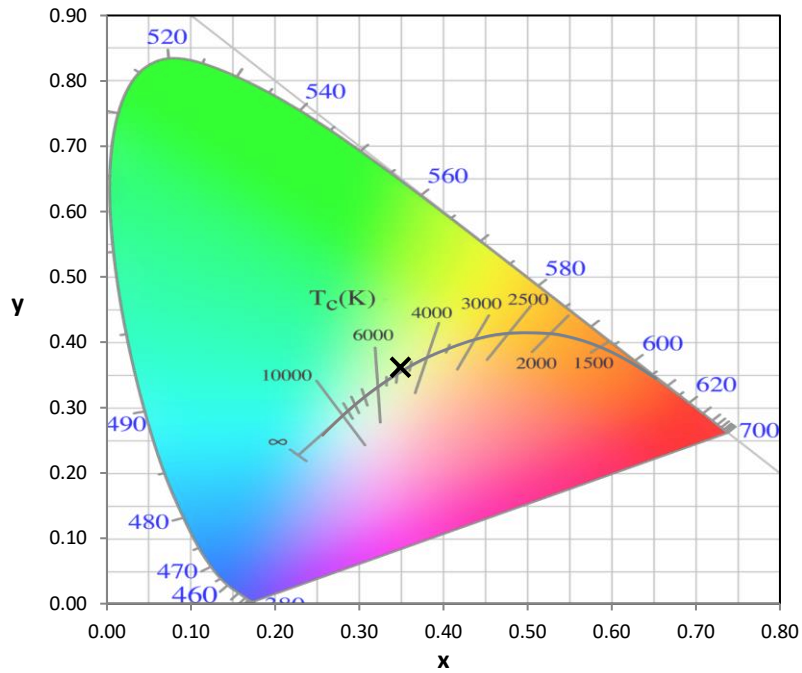
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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



CCT = 4896K
 CIE x = 0.3489
 CIE y = 0.3618
 Duv = 0.0035

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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			

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Scotopic Flux vs. Wavelength



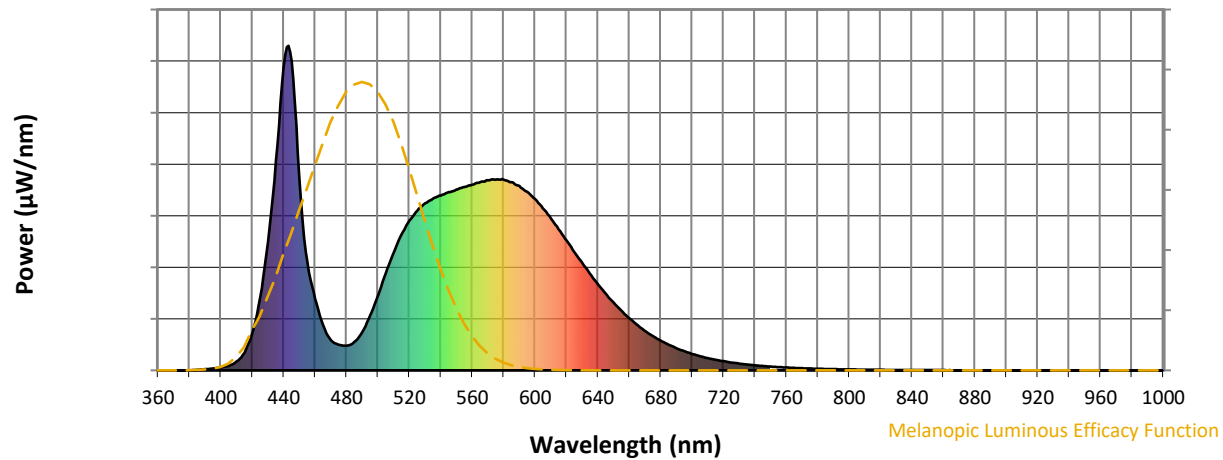
Scotopic Lumens: NR

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

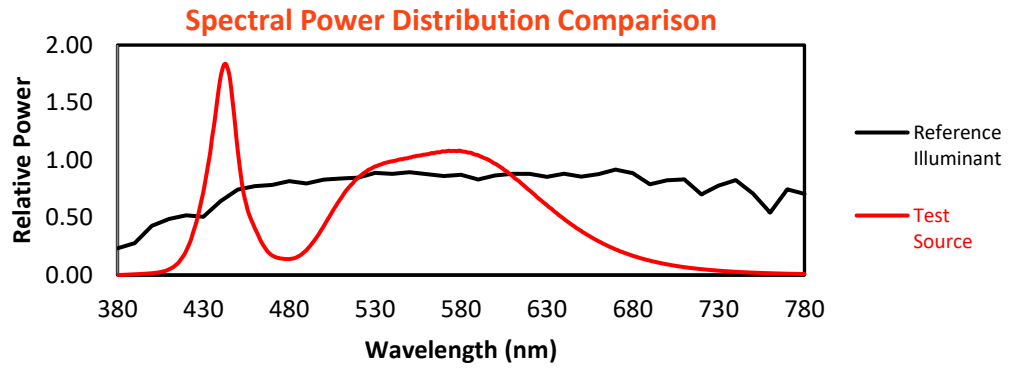
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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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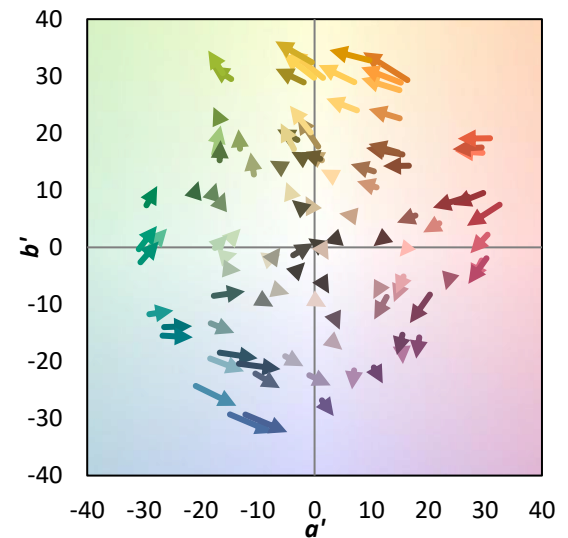
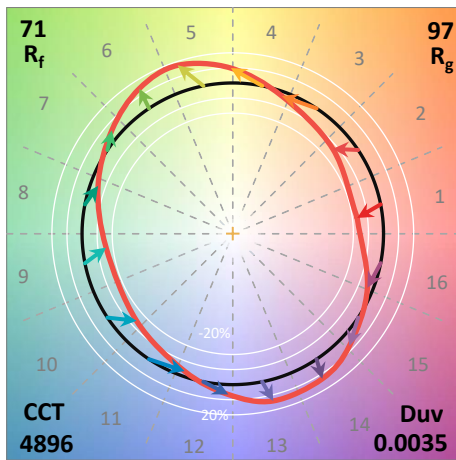
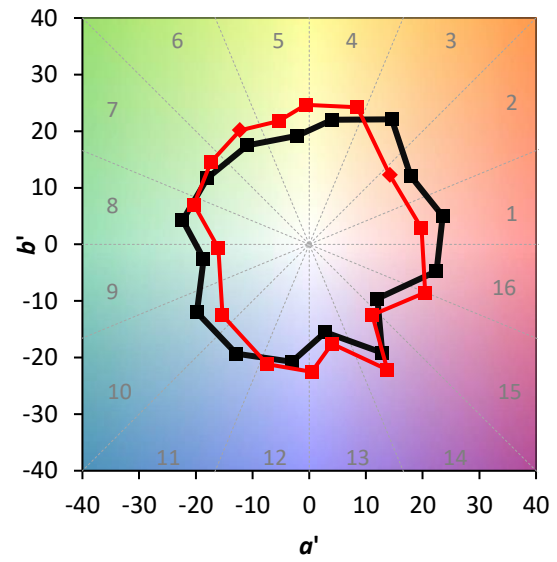
TM-30-18

Summary

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



Color Vector Graphics

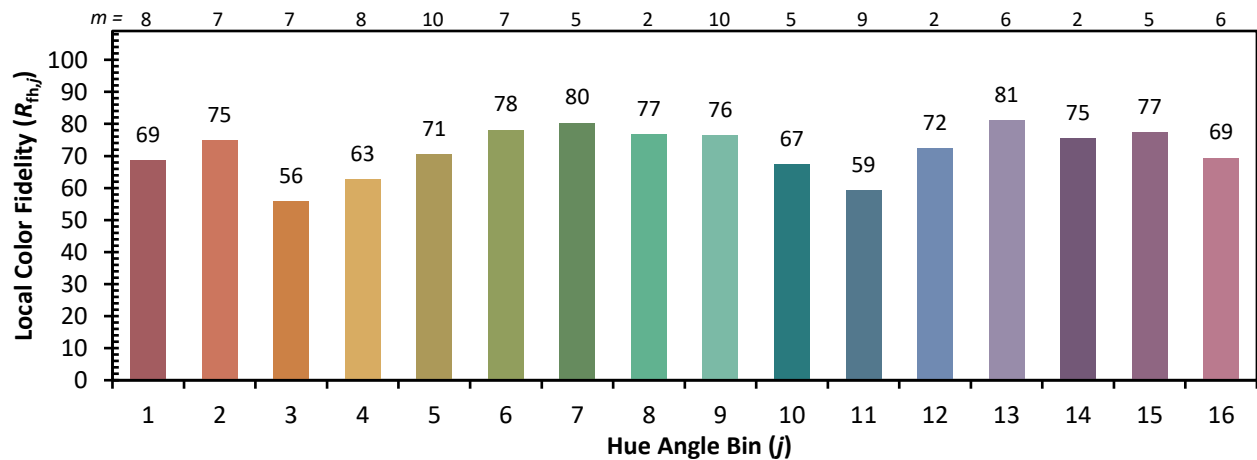
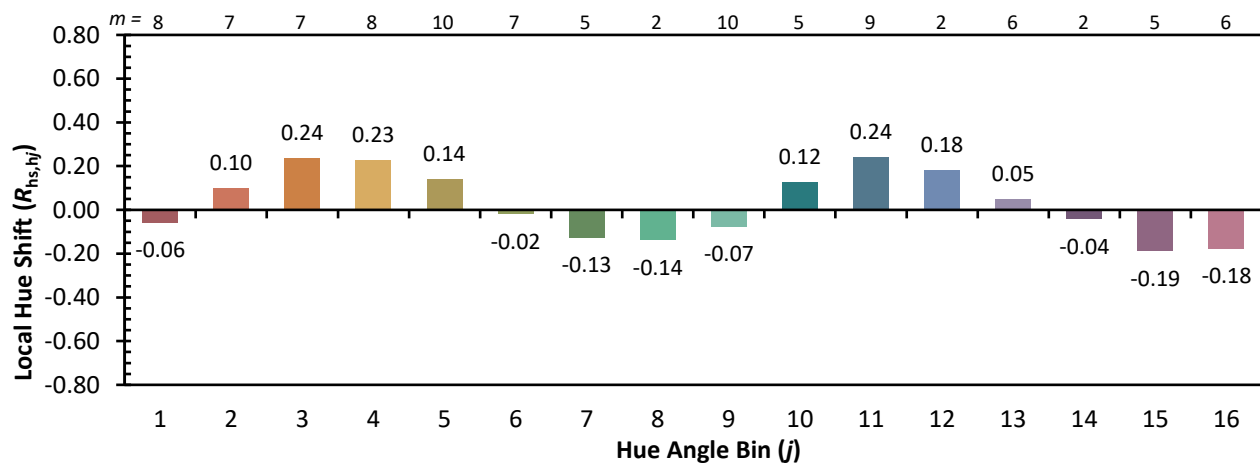
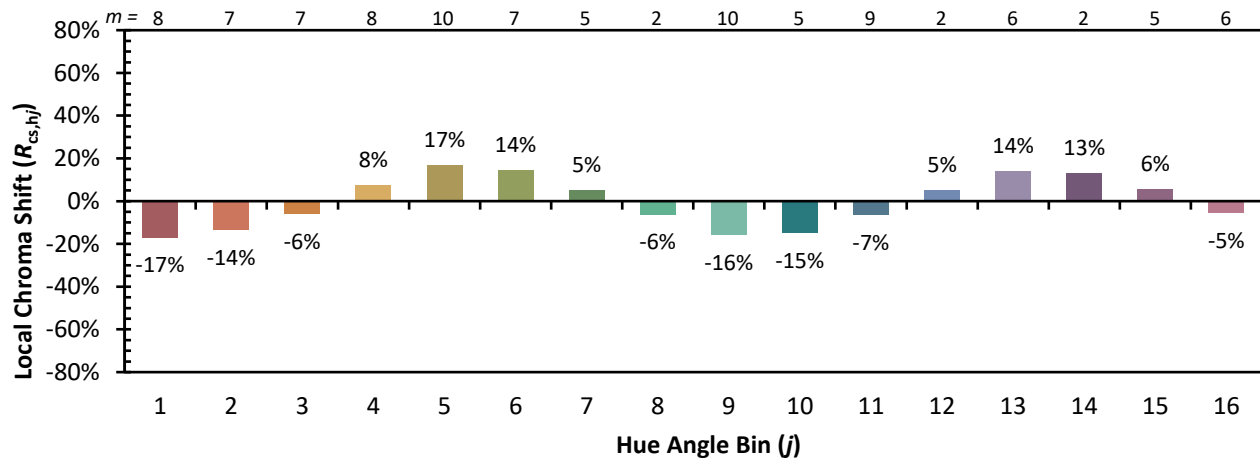


Individual Sample Fidelity Index ($R_{f,i}$)

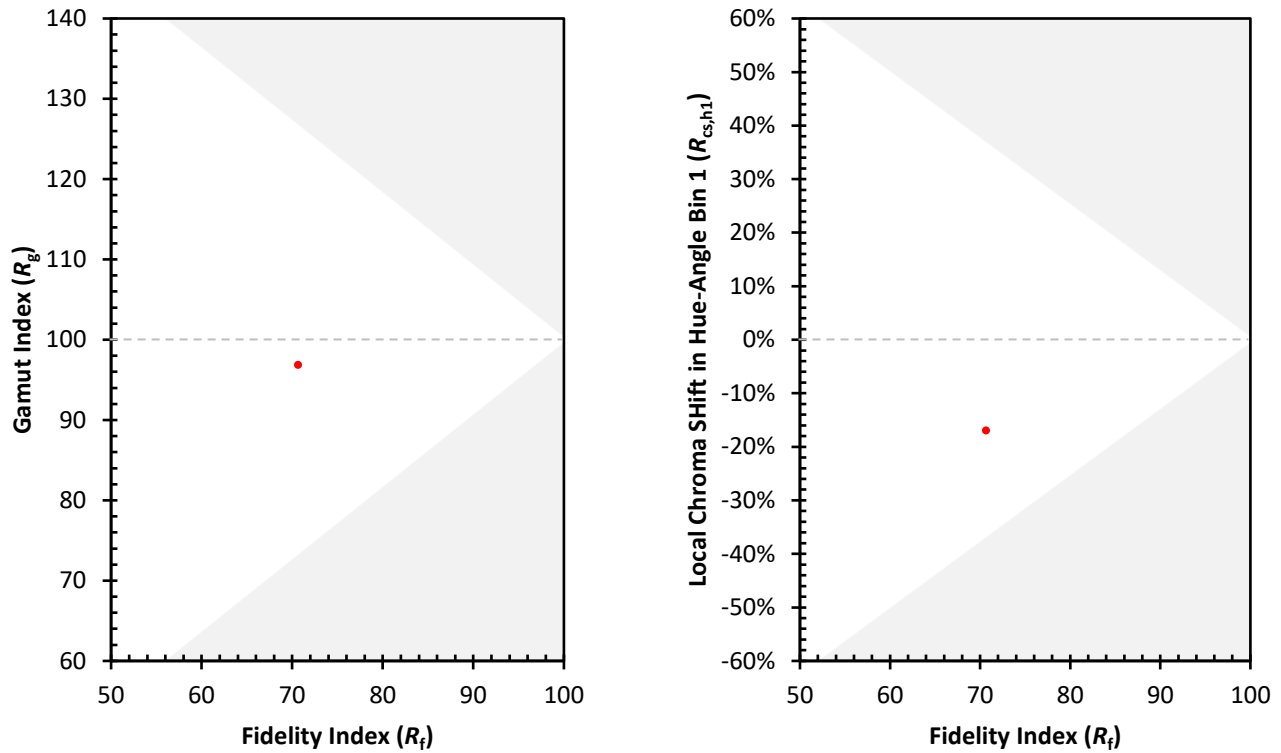
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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