

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: P1048435

Luminaire Tested: **GALN-SA5C-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048435
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28194.6 lumens
Efficiency: N/A
Efficacy: 119.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - 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

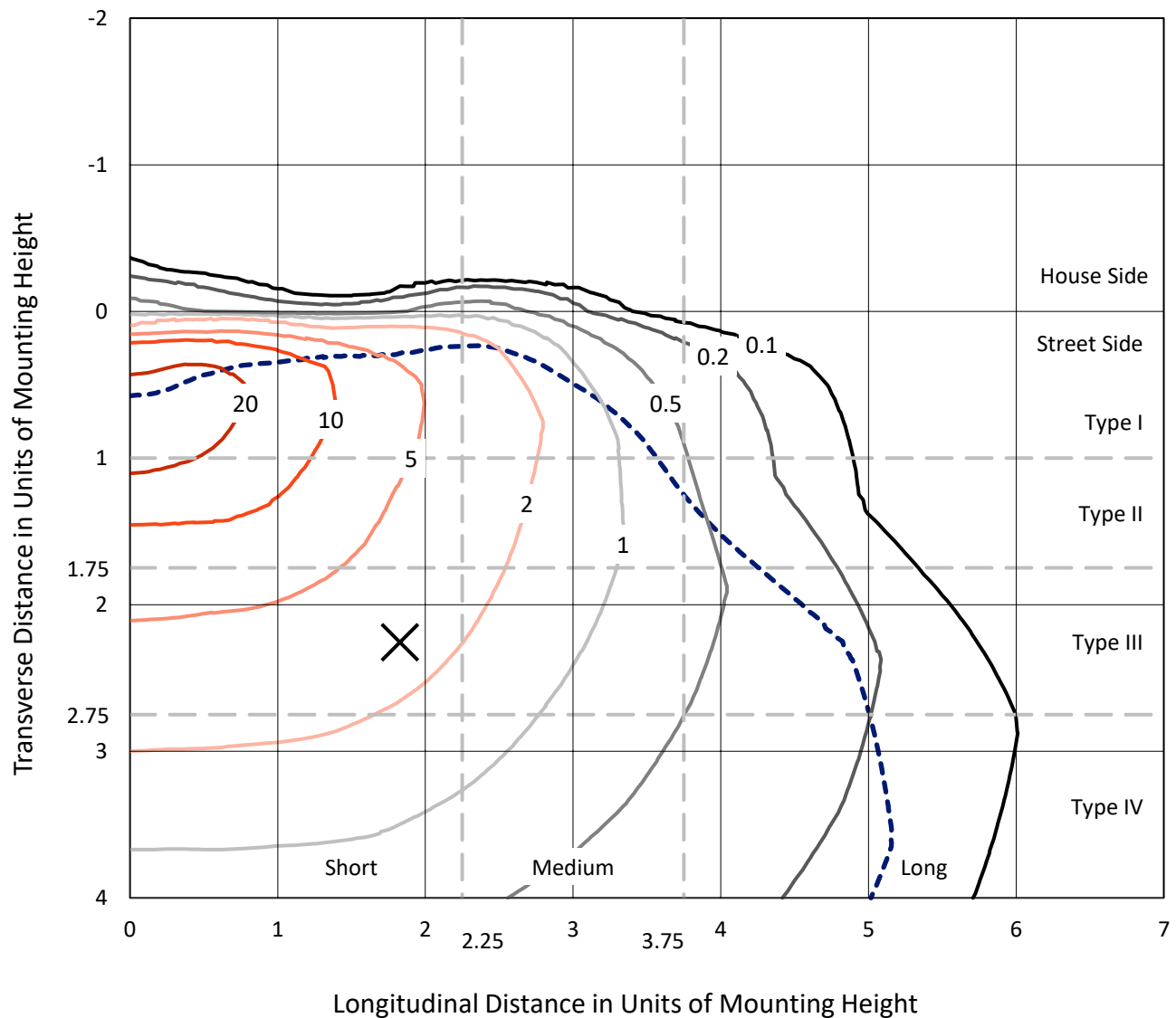


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

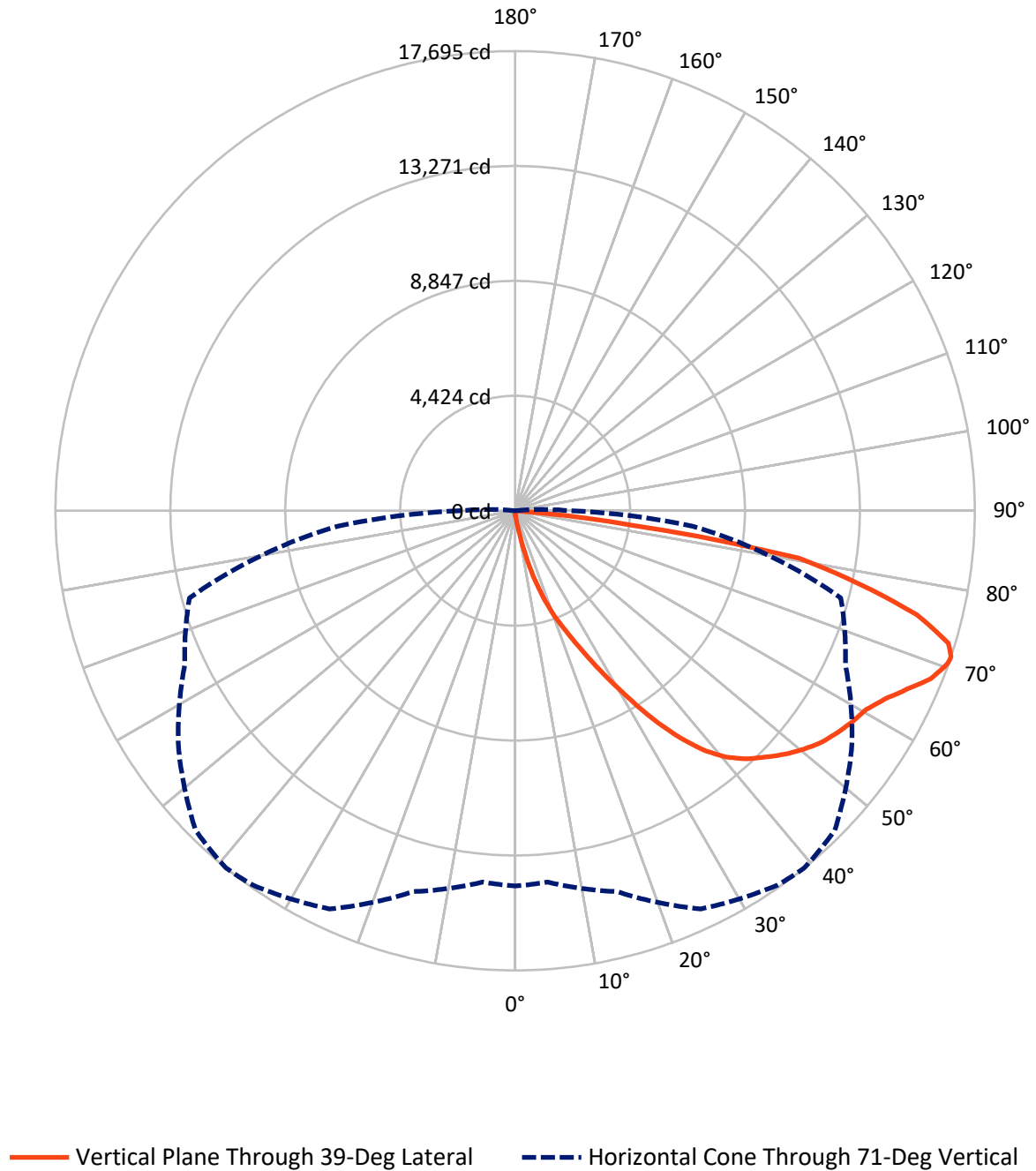


Based on 15 foot mounting height. Maximum calculated value = 29 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA5C-750-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	100.2	0.0	100.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28094.5	0.0	28094.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	28194.6	0.0	28194.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	0.1
10°-20°	301.3	1.1
20°-30°	1073.2	3.8
30°-40°	2586.4	9.2
40°-50°	4328.6	15.4
50°-60°	5559.5	19.7
60°-70°	7035.6	25.0
70°-80°	6272.5	22.2
80°-90°	1013.9	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°	28194.6	100.0
0°-180°	28194.6	100.0



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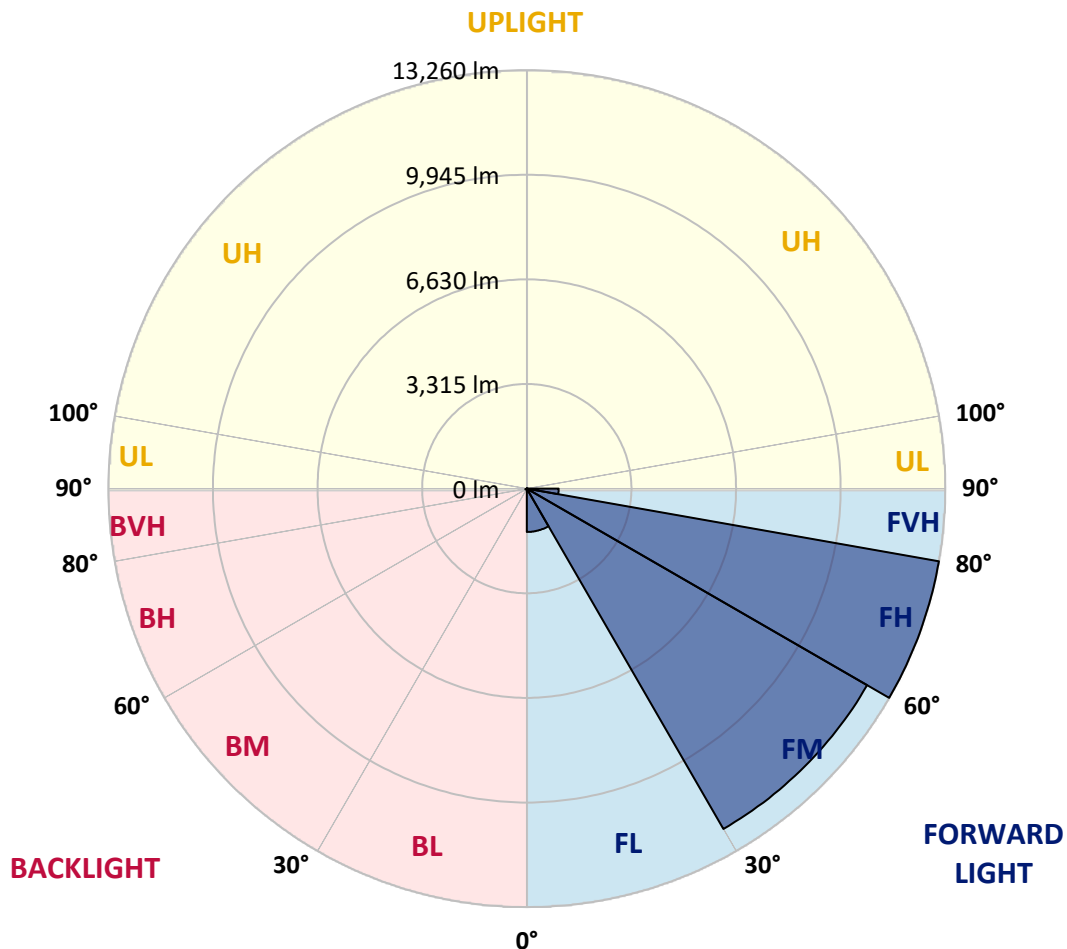
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1373.8	4.9			
FM	(30°-60°)	12451.3	44.2			
FH	(60°-80°)	13260.0	47.0			G5
FVH	(80°-90°)	1009.3	3.6			G5
BL	(0°-30°)	24.2	0.1	B0/110		
BM	(30°-60°)	23.2	0.1	B0/220		
BH	(60°-80°)	48.2	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6
2.5°	177.5	177.5	177.5	171.8	171.8	169.9	168.0	168.0	164.1	162.2	158.4
5°	269.1	263.4	250.0	242.4	227.1	217.6	208.0	194.7	181.3	171.8	160.3
7.5°	608.9	622.2	578.3	496.2	412.3	376.0	314.9	253.8	209.9	181.3	162.2
10°	1551.7	1544.1	1395.2	1231.1	950.5	837.9	656.6	414.2	271.0	198.5	164.1
12.5°	2639.6	2632.0	2456.4	2233.1	1862.8	1628.1	1284.5	773.0	389.4	225.2	164.1
15°	3553.9	3523.3	3468.0	3246.6	2813.3	2616.7	2162.5	1366.6	629.8	271.0	168.0
17.5°	4158.9	4132.2	4080.6	4000.5	3725.6	3492.8	3128.2	2147.2	1019.2	351.2	175.6
20°	4714.3	4695.2	4653.2	4638.0	4460.5	4336.4	4034.8	3044.3	1588.0	477.2	187.0
22.5°	5477.8	5437.7	5454.9	5363.2	5189.6	5040.7	4855.5	3983.3	2282.7	687.1	208.0
25°	6413.0	6393.9	6346.2	6281.3	6040.8	5911.0	5626.6	4868.9	3059.5	961.9	230.9
27.5°	7542.9	7521.9	7510.4	7361.6	7084.8	6943.6	6546.6	5704.9	3933.7	1347.5	261.5
30°	8844.6	8854.1	8779.7	8588.8	8266.3	8067.8	7659.3	6580.9	4828.8	1799.8	293.9
32.5°	10192.1	10173.0	10058.5	9833.2	9545.0	9359.9	8840.8	7541.0	5767.9	2397.2	332.1
35°	11644.5	11608.3	11306.7	11049.0	10802.8	10570.0	10096.6	8655.6	6706.9	3067.2	383.6
37.5°	13110.4	12940.5	12335.5	12009.1	11839.2	11648.3	11207.5	9844.7	7640.2	3815.3	446.6
40°	14217.4	14085.7	13368.0	12766.8	12631.3	12469.1	12140.8	10871.5	8632.7	4618.9	523.0
42.5°	14830.0	14757.5	14112.4	13518.8	13200.1	13056.9	12776.3	11768.6	9613.8	5506.4	633.7
45°	15091.5	14978.9	14547.6	14270.8	13763.1	13526.4	13192.4	12446.2	10638.7	6514.1	788.3
47.5°	15011.3	14946.5	14637.3	14738.4	14370.1	14001.7	13511.2	12965.3	11514.7	7670.8	1000.1
50°	14507.5	14452.1	14356.7	14904.5	14858.7	14423.5	13923.4	13375.7	12230.5	8863.7	1328.4
52.5°	13549.3	13526.4	13770.7	14774.7	15135.4	14795.7	14320.4	13738.3	12898.5	10110.0	1797.9
55°	12314.5	12408.0	13106.5	14572.4	15276.6	15070.5	14671.6	14078.0	13434.8	11224.6	2490.8
57.5°	11806.8	11831.6	12703.8	14429.2	15339.6	15312.9	15013.3	14402.5	13927.2	12116.0	3548.1
60°	12400.3	12362.2	12822.2	14538.0	15465.6	15530.5	15316.7	14704.1	14354.8	12881.3	4956.7
62.5°	13473.0	13452.0	13599.0	15001.8	15834.0	15965.7	15738.5	14921.6	14732.7	13385.2	6563.8
65°	14431.1	14387.2	14660.2	15824.4	16481.0	16574.5	16376.0	15293.8	14898.7	13751.7	8073.5
67.5°	14845.3	14835.8	15274.7	16607.0	17160.5	17261.6	17087.9	15807.2	14860.6	13868.1	8739.6
70°	14656.3	14620.1	15322.5	16939.1	17544.1	17658.6	17490.7	15998.1	14446.4	13499.7	7752.8
71°	14448.3	14351.0	15179.3	16916.2	17597.5	17694.9	17400.9	15824.4	14030.3	12976.8	6857.7
72.5°	13803.2	13820.4	14786.1	16677.6	17469.7	17441.0	16893.3	15202.2	13528.3	11789.6	5508.3
75°	12215.2	12316.4	13513.1	15675.6	16328.3	15963.8	15125.9	14013.1	12520.6	8453.3	3824.9
77.5°	9982.1	10132.9	11447.9	13747.8	13562.7	13526.4	13492.1	12346.9	10692.1	4540.6	2660.6
80°	4765.8	5092.2	6905.4	9814.2	10661.6	11071.9	10814.3	9949.7	8268.2	2162.5	1589.9
82.5°	311.1	307.3	435.2	824.5	3475.6	4492.9	7138.3	7111.5	5764.1	1053.6	648.9
85°	147.0	150.8	166.1	189.0	219.5	240.5	332.1	1946.8	2758.0	502.0	141.2
87.5°	85.9	87.8	103.1	131.7	171.8	190.9	227.1	292.0	358.8	276.8	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



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CATALOG NUMBER: GALN-SA5C-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6	154.6
2.5°	156.5	154.6	148.9	143.1	137.4	133.6	131.7	133.6	133.6	135.5	135.5
5°	156.5	150.8	141.2	129.8	122.2	114.5	110.7	108.8	110.7	110.7	110.7
7.5°	154.6	145.1	131.7	118.3	108.8	99.2	95.4	93.5	93.5	95.4	95.4
10°	150.8	141.2	124.1	108.8	97.3	85.9	80.2	74.4	74.4	74.4	76.3
12.5°	148.9	135.5	114.5	99.2	84.0	70.6	59.2	53.4	55.4	55.4	55.4
15°	145.1	129.8	108.8	89.7	70.6	53.4	43.9	38.2	40.1	42.0	40.1
17.5°	145.1	127.9	101.2	78.3	55.4	40.1	32.4	28.6	28.6	30.5	30.5
20°	145.1	124.1	95.4	66.8	42.0	30.5	22.9	21.0	21.0	24.8	26.7
22.5°	148.9	124.1	87.8	55.4	34.4	22.9	17.2	15.3	17.2	21.0	22.9
25°	154.6	122.2	80.2	49.6	28.6	17.2	13.4	9.5	11.5	15.3	17.2
27.5°	160.3	120.2	72.5	43.9	22.9	13.4	9.5	7.6	5.7	7.6	7.6
30°	166.1	120.2	64.9	36.3	19.1	9.5	5.7	3.8	1.9	0.0	0.0
32.5°	169.9	116.4	59.2	28.6	15.3	7.6	3.8	1.9	0.0	0.0	0.0
35°	173.7	112.6	51.5	22.9	11.5	5.7	1.9	0.0	0.0	0.0	0.0
37.5°	177.5	106.9	43.9	19.1	9.5	3.8	0.0	0.0	0.0	0.0	0.0
40°	181.3	99.2	36.3	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	185.1	93.5	30.5	13.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	194.7	89.7	24.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	211.9	85.9	22.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	236.7	82.1	21.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	271.0	80.2	19.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	332.1	78.3	17.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	437.1	76.3	17.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	669.9	72.5	17.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1196.7	70.6	15.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2086.1	72.5	15.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2990.8	76.3	13.4	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2559.5	66.8	13.4	7.6	3.8	1.9	0.0	0.0	0.0	0.0	0.0
71°	2086.1	59.2	13.4	7.6	3.8	1.9	1.9	0.0	0.0	0.0	0.0
72.5°	1341.8	45.8	11.5	7.6	3.8	3.8	1.9	0.0	0.0	0.0	0.0
75°	566.9	38.2	11.5	7.6	5.7	3.8	3.8	1.9	0.0	0.0	0.0
77.5°	242.4	28.6	11.5	9.5	7.6	5.7	5.7	3.8	1.9	0.0	0.0
80°	91.6	22.9	13.4	11.5	9.5	9.5	7.6	3.8	1.9	0.0	0.0
82.5°	42.0	19.1	13.4	11.5	11.5	9.5	7.6	5.7	3.8	0.0	0.0
85°	26.7	17.2	13.4	11.5	11.5	9.5	9.5	5.7	3.8	0.0	0.0
87.5°	21.0	17.2	13.4	13.4	11.5	11.5	7.6	5.7	1.9	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

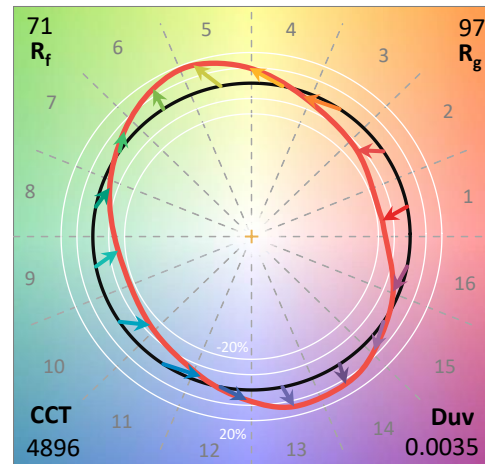
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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



Point lies inside the ANSI 5000K 4-step quadrangle

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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			

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Scotopic Flux vs. Wavelength



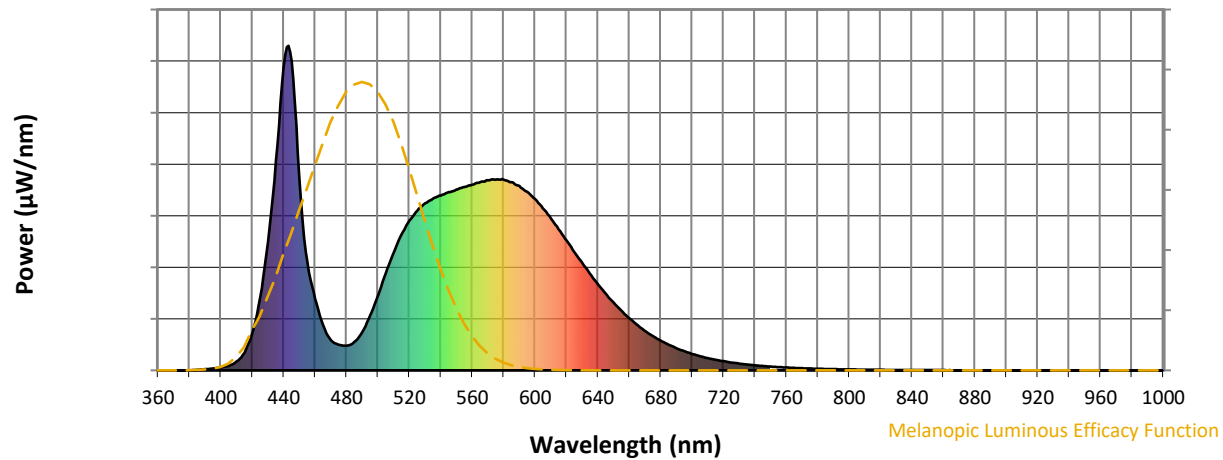
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

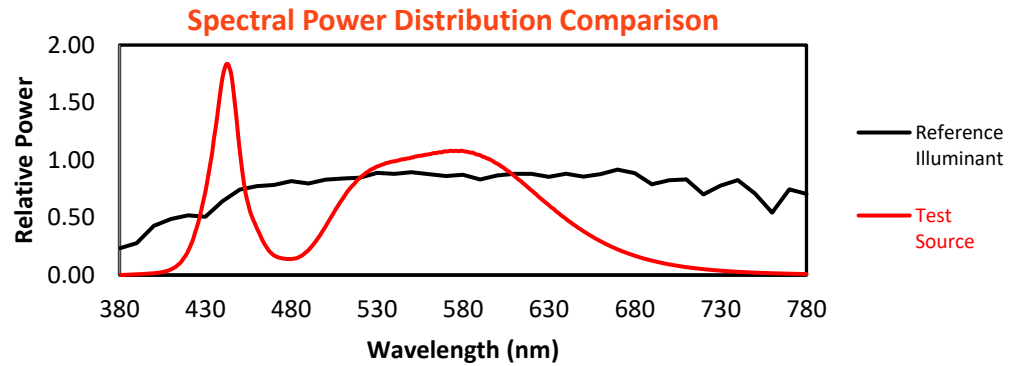
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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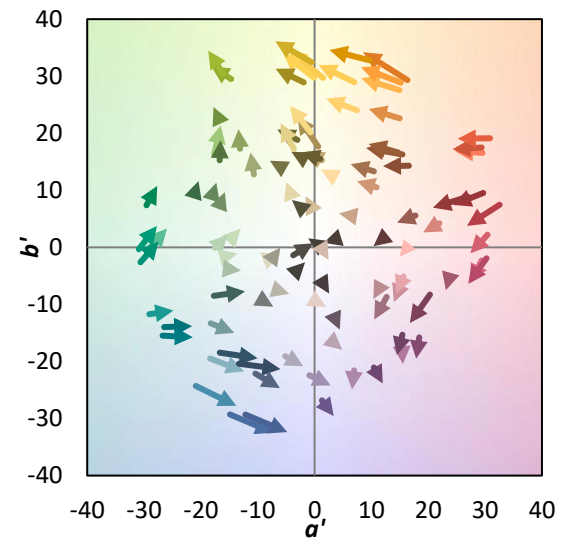
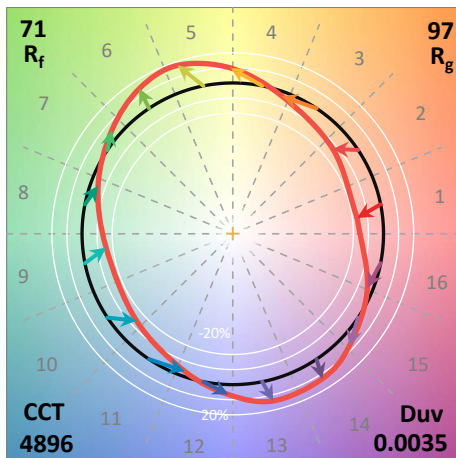
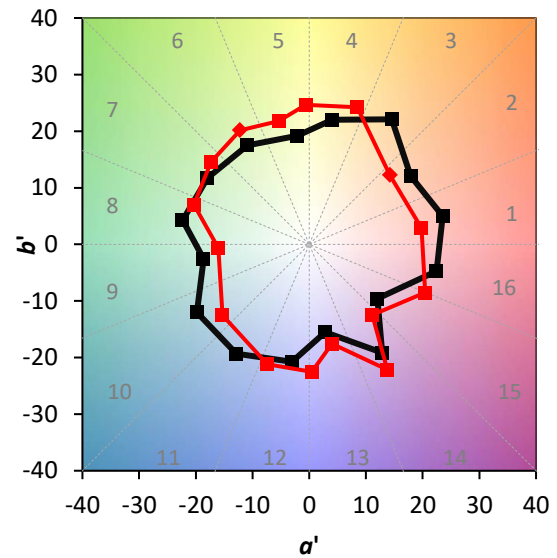
TM-30-18

Summary

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



Color Vector Graphics

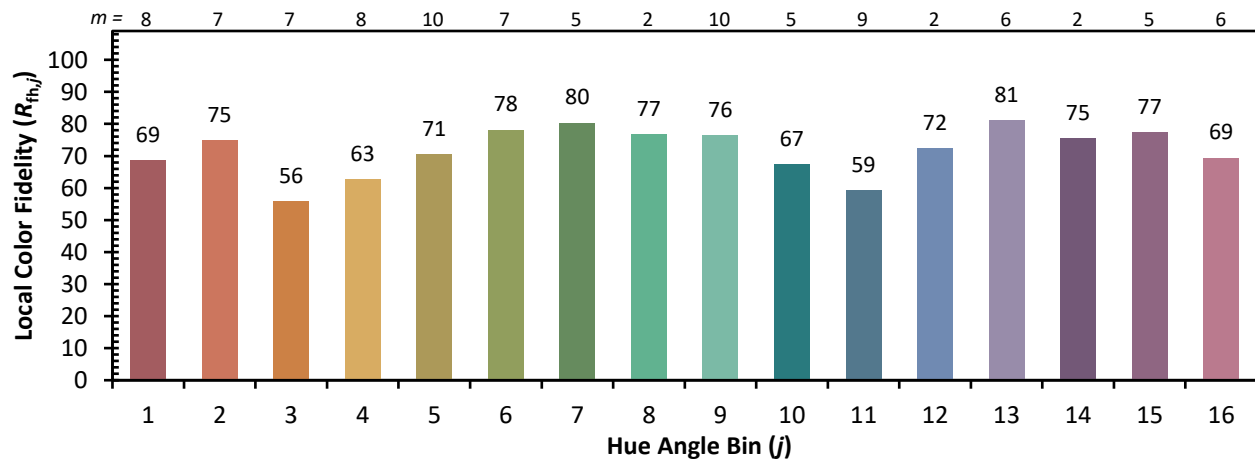
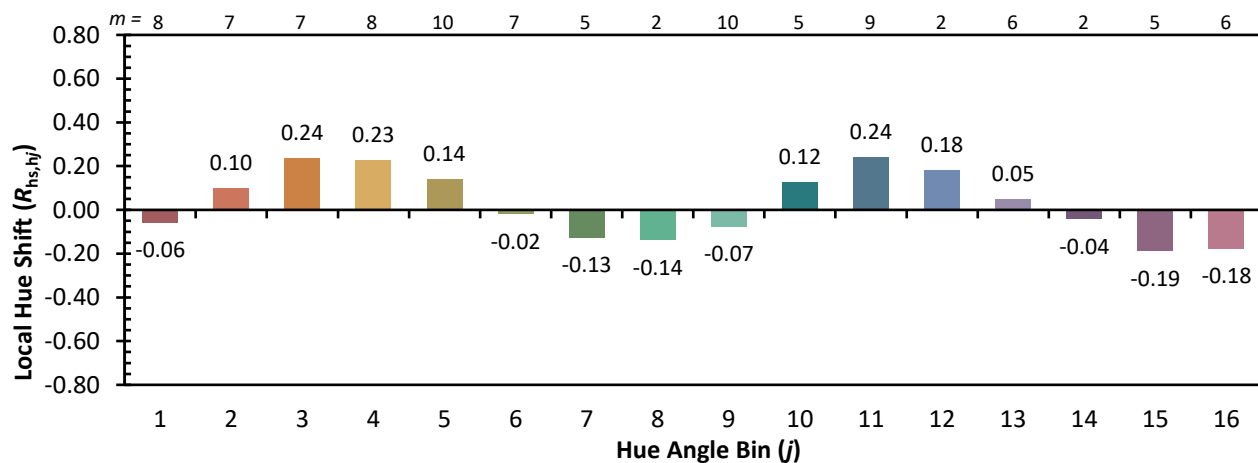
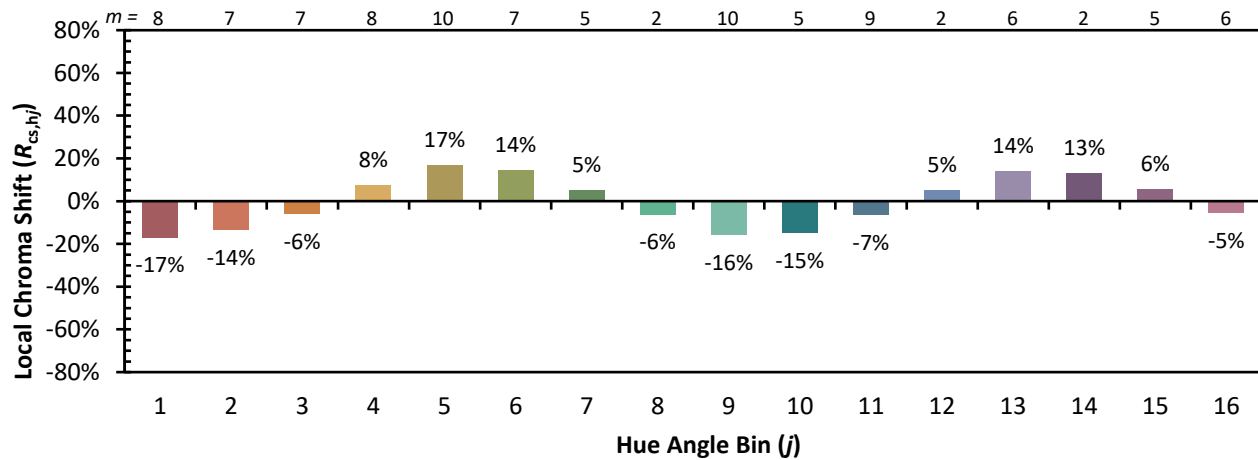


Individual Sample Fidelity Index ($R_{f,i}$)

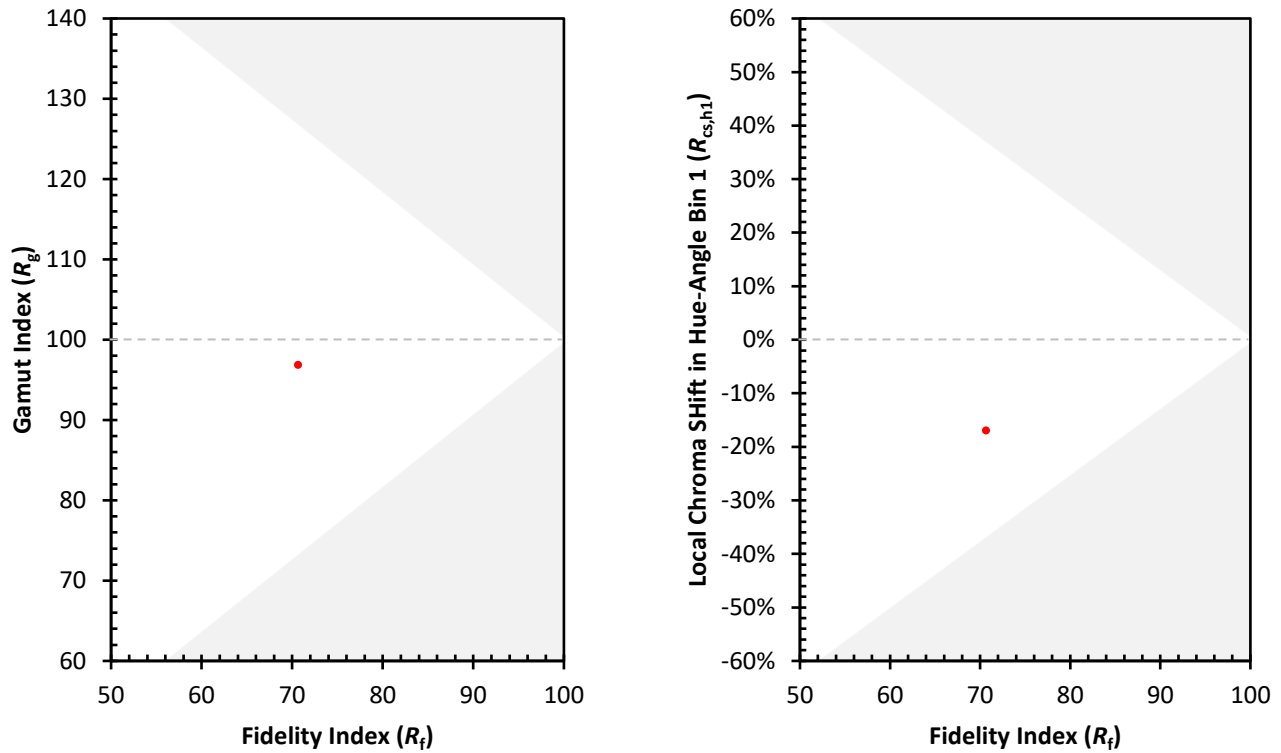
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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