

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: P1048465

Luminaire Tested: **GALN-SA4A-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048465
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14841.5 lumens
Efficiency: N/A
Efficacy: 138.2 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): 107.4
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

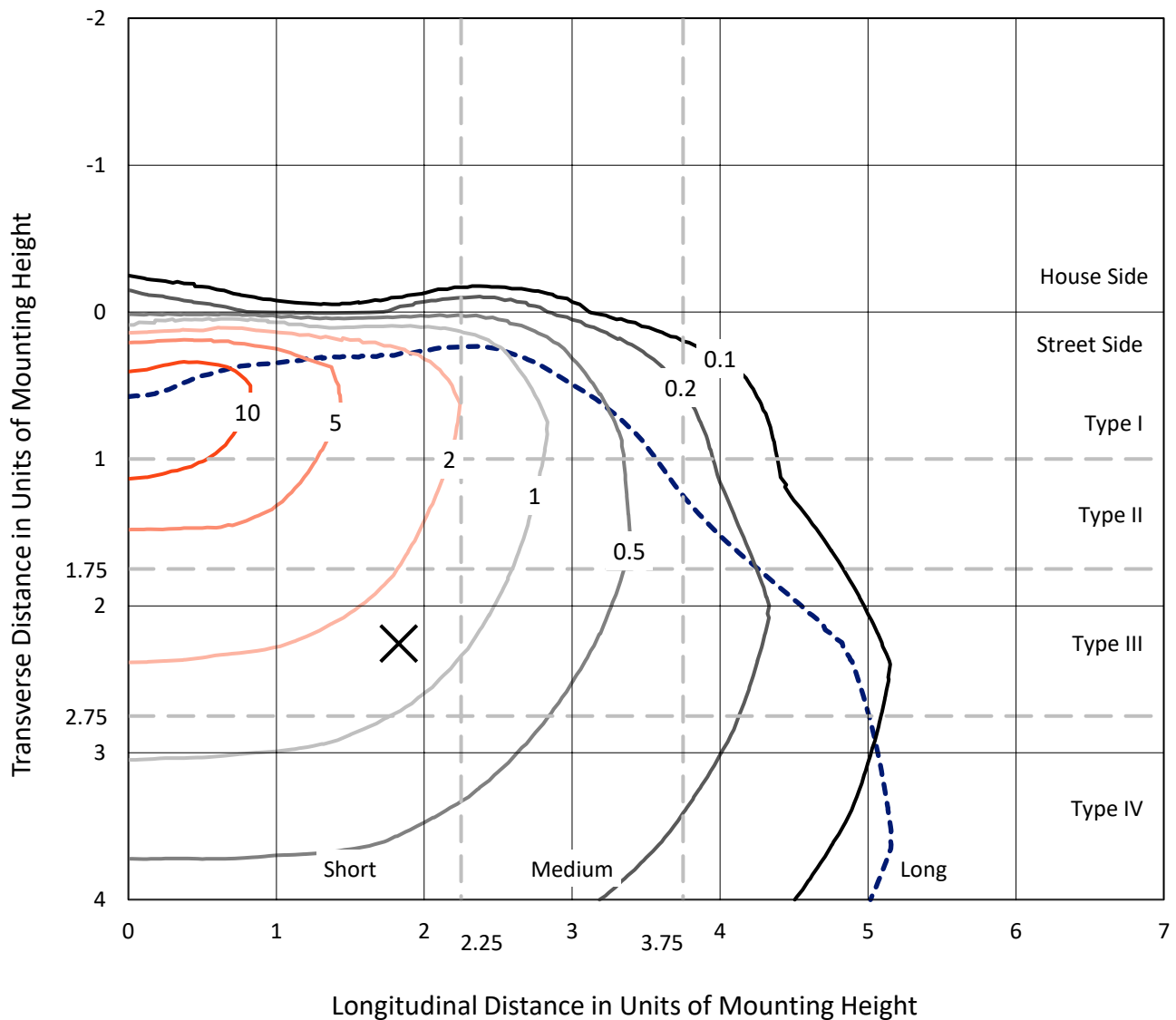


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

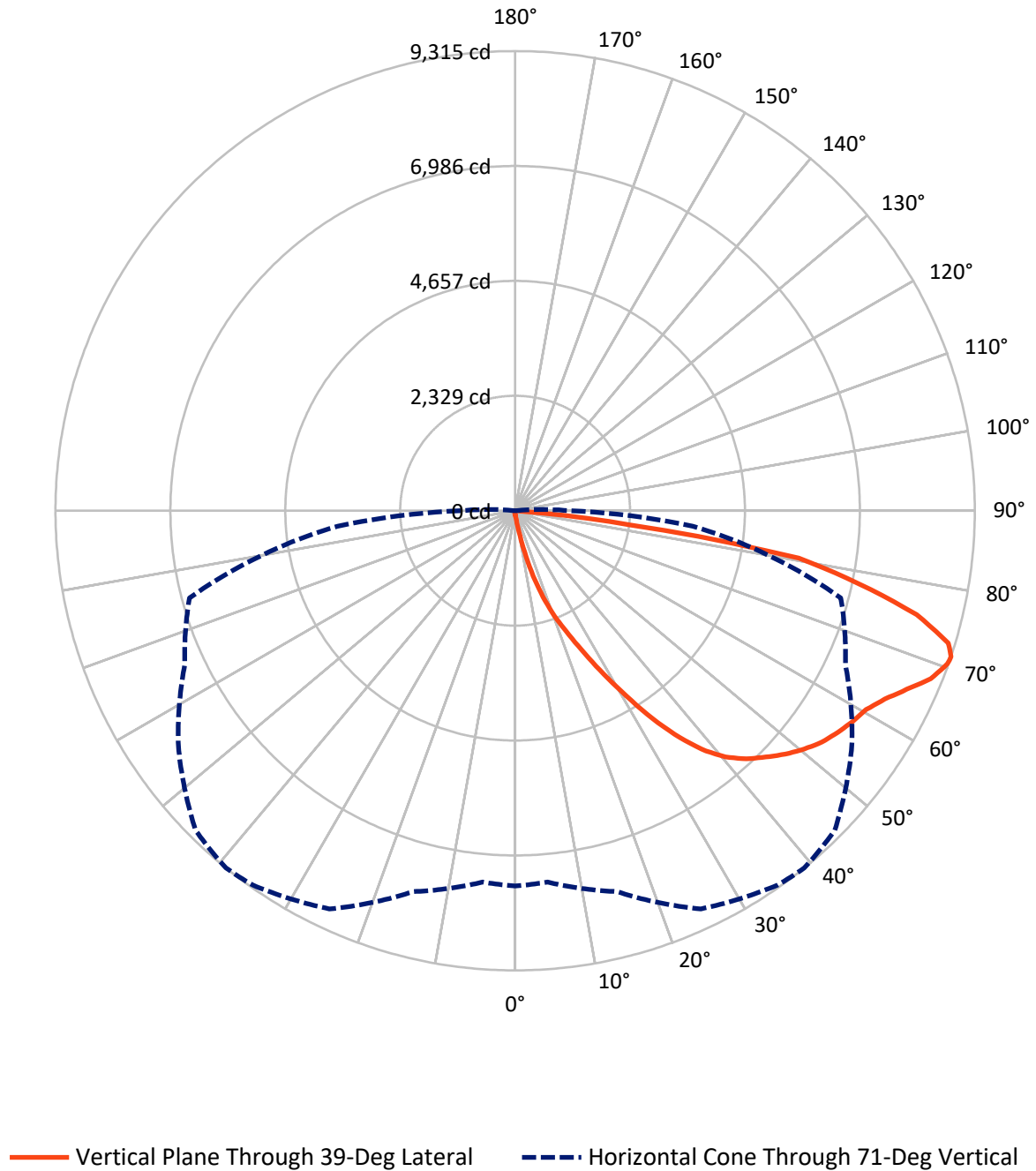


Based on 15 foot mounting height. Maximum calculated value = 15.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	52.7	0.0	52.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14788.8	0.0	14788.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	14841.5	0.0	14841.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.4	0.1
10°-20°	158.6	1.1
20°-30°	564.9	3.8
30°-40°	1361.5	9.2
40°-50°	2278.5	15.4
50°-60°	2926.5	19.7
60°-70°	3703.5	25.0
70°-80°	3301.8	22.2
80°-90°	533.7	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°	14841.5	100.0
0°-180°	14841.5	100.0



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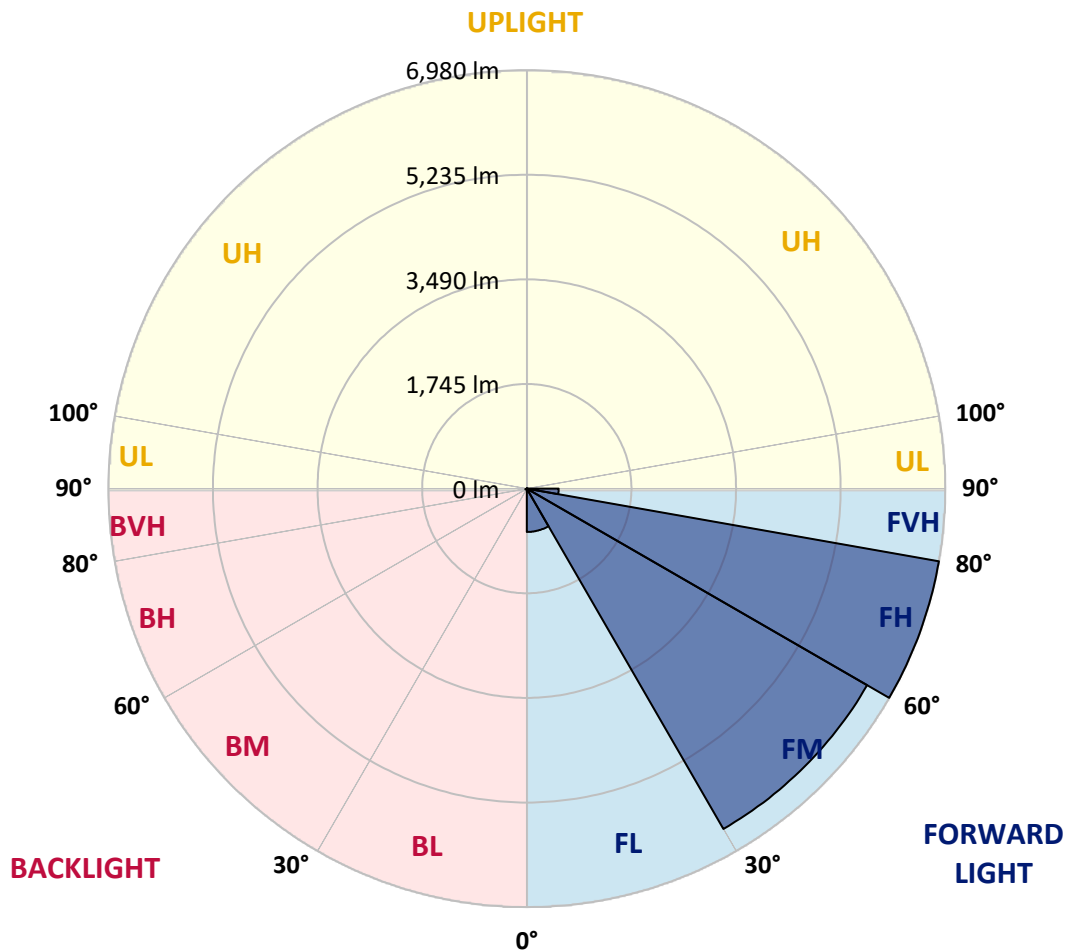
CATALOG NUMBER: GALN-SA4A-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	723.2	4.9			
FM	(30°-60°)	6554.3	44.2			
FH	(60°-80°)	6980.0	47.0			G3/7500
FVH	(80°-90°)	531.3	3.6			G4/750
BL	(0°-30°)	12.8	0.1	B0/110		
BM	(30°-60°)	12.2	0.1	B0/220		
BH	(60°-80°)	25.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
2.5°	93.4	93.4	93.4	90.4	90.4	89.4	88.4	88.4	86.4	85.4	83.4
5°	141.7	138.6	131.6	127.6	119.6	114.5	109.5	102.5	95.4	90.4	84.4
7.5°	320.5	327.5	304.4	261.2	217.0	197.9	165.8	133.6	110.5	95.4	85.4
10°	816.8	812.8	734.4	648.0	500.3	441.1	345.6	218.0	142.7	104.5	86.4
12.5°	1389.5	1385.5	1293.0	1175.5	980.6	857.0	676.2	406.9	205.0	118.6	86.4
15°	1870.7	1854.7	1825.5	1709.0	1480.9	1377.4	1138.3	719.4	331.5	142.7	88.4
17.5°	2189.2	2175.2	2148.0	2105.8	1961.2	1838.6	1646.7	1130.3	536.5	184.9	92.4
20°	2481.6	2471.5	2449.4	2441.4	2348.0	2282.7	2123.9	1602.5	835.9	251.2	98.5
22.5°	2883.5	2862.4	2871.4	2823.2	2731.8	2653.4	2555.9	2096.8	1201.6	361.7	109.5
25°	3375.8	3365.7	3340.6	3306.4	3179.9	3111.5	2961.8	2563.0	1610.5	506.4	121.6
27.5°	3970.5	3959.5	3953.5	3875.1	3729.4	3655.1	3446.1	3003.0	2070.7	709.3	137.6
30°	4655.7	4660.8	4621.6	4521.1	4351.3	4246.8	4031.8	3464.2	2541.9	947.4	154.7
32.5°	5365.1	5355.0	5294.7	5176.2	5024.5	4927.0	4653.7	3969.5	3036.2	1261.9	174.8
35°	6129.6	6110.5	5951.8	5816.2	5686.6	5564.0	5314.8	4556.3	3530.5	1614.5	201.9
37.5°	6901.2	6811.8	6493.3	6321.5	6232.1	6131.6	5899.6	5182.2	4021.8	2008.4	235.1
40°	7484.0	7414.6	7036.9	6720.4	6649.1	6563.7	6390.8	5722.7	4544.2	2431.4	275.3
42.5°	7806.5	7768.3	7428.7	7116.2	6948.5	6873.1	6725.4	6194.9	5060.6	2898.5	333.6
45°	7944.1	7884.8	7657.8	7512.1	7244.8	7120.3	6944.4	6551.6	5600.2	3429.0	414.9
47.5°	7901.9	7867.7	7705.0	7758.2	7564.3	7370.4	7112.2	6824.9	6061.3	4037.9	526.5
50°	7636.7	7607.5	7557.3	7845.6	7821.5	7592.5	7329.2	7040.9	6438.1	4665.8	699.3
52.5°	7132.3	7120.3	7248.9	7777.3	7967.2	7788.4	7538.2	7231.8	6789.7	5321.9	946.4
55°	6482.3	6531.5	6899.2	7670.8	8041.6	7933.1	7723.1	7410.6	7072.0	5908.6	1311.1
57.5°	6215.0	6228.1	6687.2	7595.5	8074.7	8060.6	7902.9	7581.4	7331.2	6377.8	1867.7
60°	6527.5	6507.4	6749.5	7652.7	8141.0	8175.2	8062.7	7740.2	7556.3	6780.7	2609.2
62.5°	7092.1	7081.1	7158.4	7896.9	8334.9	8404.3	8284.7	7854.7	7755.2	7045.9	3455.1
65°	7596.5	7573.4	7717.0	8329.9	8675.5	8724.8	8620.3	8050.6	7842.6	7238.8	4249.8
67.5°	7814.5	7809.5	8040.6	8741.8	9033.2	9086.4	8995.0	8320.9	7822.5	7300.1	4600.5
70°	7715.0	7695.9	8065.7	8916.6	9235.1	9295.4	9207.0	8421.3	7604.5	7106.2	4081.1
71°	7605.5	7554.3	7990.3	8904.6	9263.3	9314.5	9159.8	8329.9	7385.5	6830.9	3609.9
72.5°	7265.9	7275.0	7783.4	8779.0	9196.0	9180.9	8892.5	8002.4	7121.3	6206.0	2899.5
75°	6430.0	6483.3	7113.2	8251.5	8595.1	8403.2	7962.2	7376.5	6590.8	4449.8	2013.4
77.5°	5254.5	5333.9	6026.1	7236.8	7139.3	7120.3	7102.2	6499.4	5628.3	2390.2	1400.5
80°	2508.7	2680.5	3635.0	5166.1	5612.2	5828.2	5692.6	5237.5	4352.3	1138.3	836.9
82.5°	163.8	161.8	229.1	434.0	1829.5	2365.0	3757.6	3743.5	3034.2	554.6	341.6
85°	77.4	79.4	87.4	99.5	115.5	126.6	174.8	1024.8	1451.8	264.2	74.3
87.5°	45.2	46.2	54.3	69.3	90.4	100.5	119.6	153.7	188.9	145.7	16.1
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-SA4A-760-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
2.5°	82.4	81.4	78.4	75.4	72.3	70.3	69.3	70.3	70.3	71.3	71.3
5°	82.4	79.4	74.3	68.3	64.3	60.3	58.3	57.3	58.3	58.3	58.3
7.5°	81.4	76.4	69.3	62.3	57.3	52.2	50.2	49.2	49.2	50.2	50.2
10°	79.4	74.3	65.3	57.3	51.2	45.2	42.2	39.2	39.2	39.2	40.2
12.5°	78.4	71.3	60.3	52.2	44.2	37.2	31.1	28.1	29.1	29.1	29.1
15°	76.4	68.3	57.3	47.2	37.2	28.1	23.1	20.1	21.1	22.1	21.1
17.5°	76.4	67.3	53.2	41.2	29.1	21.1	17.1	15.1	15.1	16.1	16.1
20°	76.4	65.3	50.2	35.2	22.1	16.1	12.1	11.1	11.1	13.1	14.1
22.5°	78.4	65.3	46.2	29.1	18.1	12.1	9.0	8.0	9.0	11.1	12.1
25°	81.4	64.3	42.2	26.1	15.1	9.0	7.0	5.0	6.0	8.0	9.0
27.5°	84.4	63.3	38.2	23.1	12.1	7.0	5.0	4.0	3.0	4.0	4.0
30°	87.4	63.3	34.2	19.1	10.0	5.0	3.0	2.0	1.0	0.0	0.0
32.5°	89.4	61.3	31.1	15.1	8.0	4.0	2.0	1.0	0.0	0.0	0.0
35°	91.4	59.3	27.1	12.1	6.0	3.0	1.0	0.0	0.0	0.0	0.0
37.5°	93.4	56.3	23.1	10.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0
40°	95.4	52.2	19.1	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	97.5	49.2	16.1	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	102.5	47.2	13.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	111.5	45.2	12.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	124.6	43.2	11.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	142.7	42.2	10.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	174.8	41.2	9.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	230.1	40.2	9.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	352.6	38.2	9.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	629.9	37.2	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1098.1	38.2	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1574.4	40.2	7.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1347.3	35.2	7.0	4.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
71°	1098.1	31.1	7.0	4.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
72.5°	706.3	24.1	6.0	4.0	2.0	2.0	1.0	0.0	0.0	0.0	0.0
75°	298.4	20.1	6.0	4.0	3.0	2.0	2.0	1.0	0.0	0.0	0.0
77.5°	127.6	15.1	6.0	5.0	4.0	3.0	3.0	2.0	1.0	0.0	0.0
80°	48.2	12.1	7.0	6.0	5.0	5.0	4.0	2.0	1.0	0.0	0.0
82.5°	22.1	10.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	0.0	0.0
85°	14.1	9.0	7.0	6.0	6.0	5.0	5.0	3.0	2.0	0.0	0.0
87.5°	11.1	9.0	7.0	7.0	6.0	6.0	4.0	3.0	1.0	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-760-U-5WQ

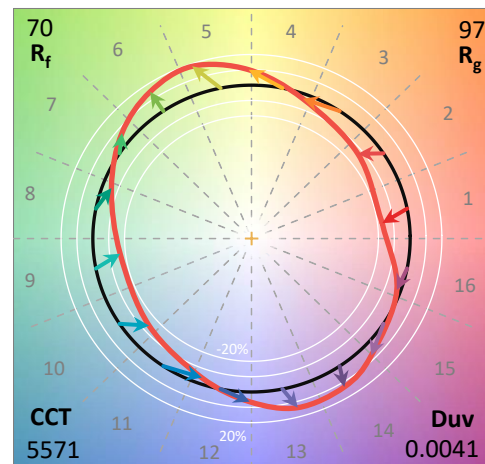
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-70-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 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



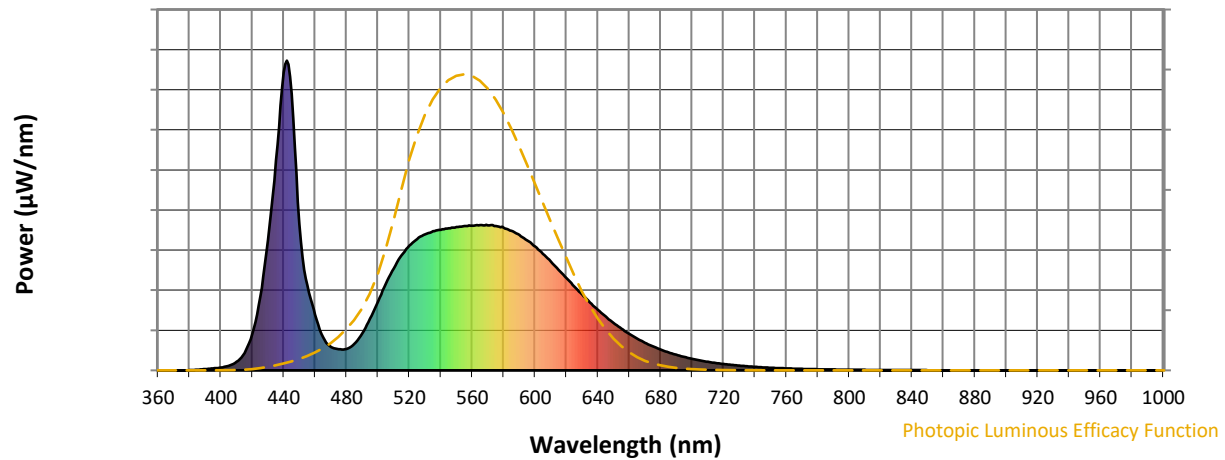
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.71

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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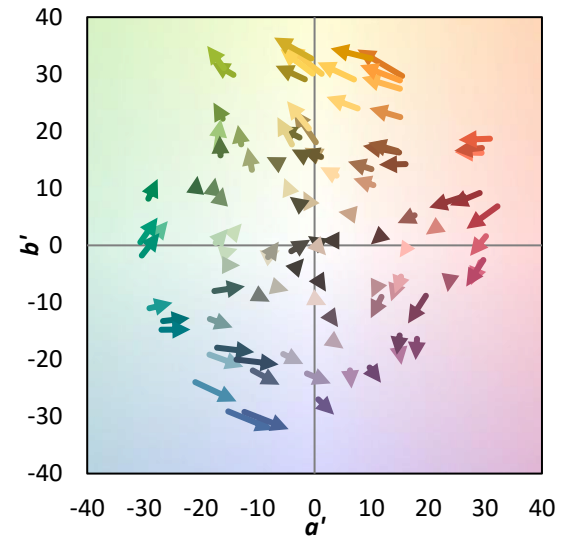
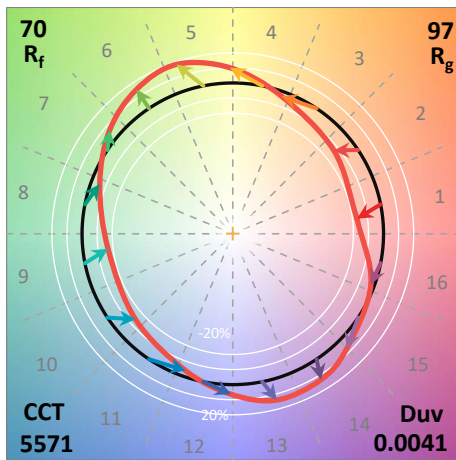
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE\ R_a = 69.9$
 $R_g = -35.4$



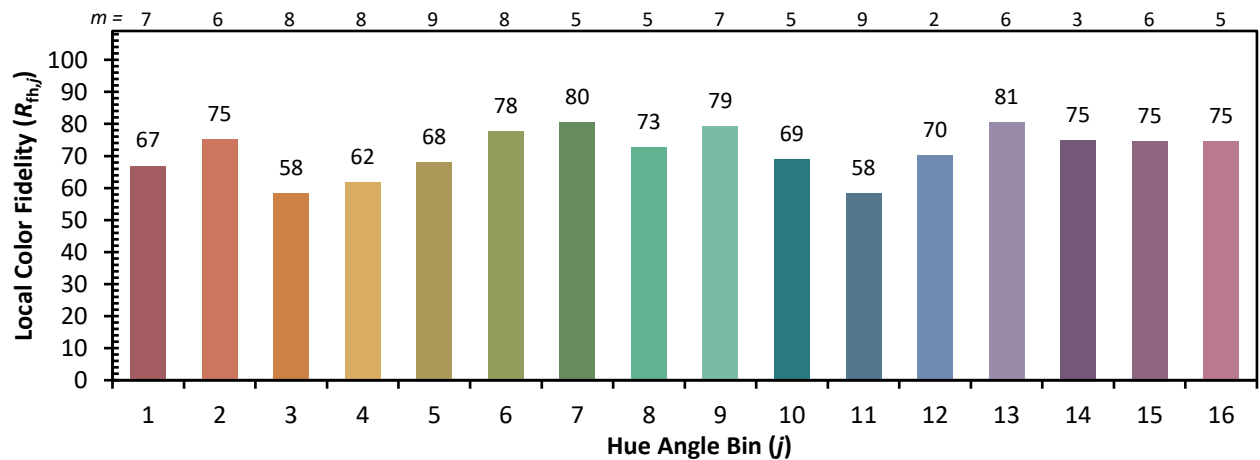
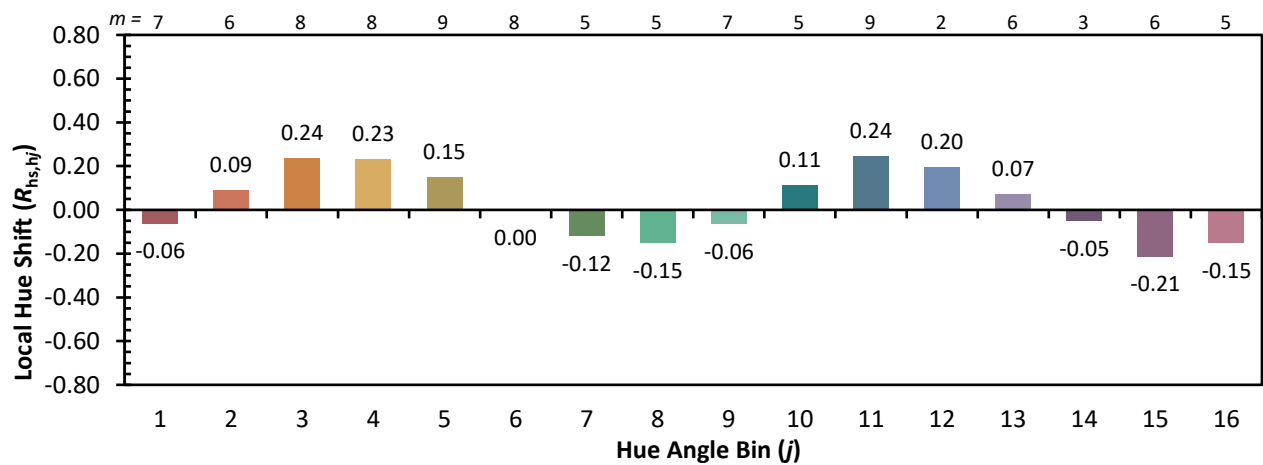
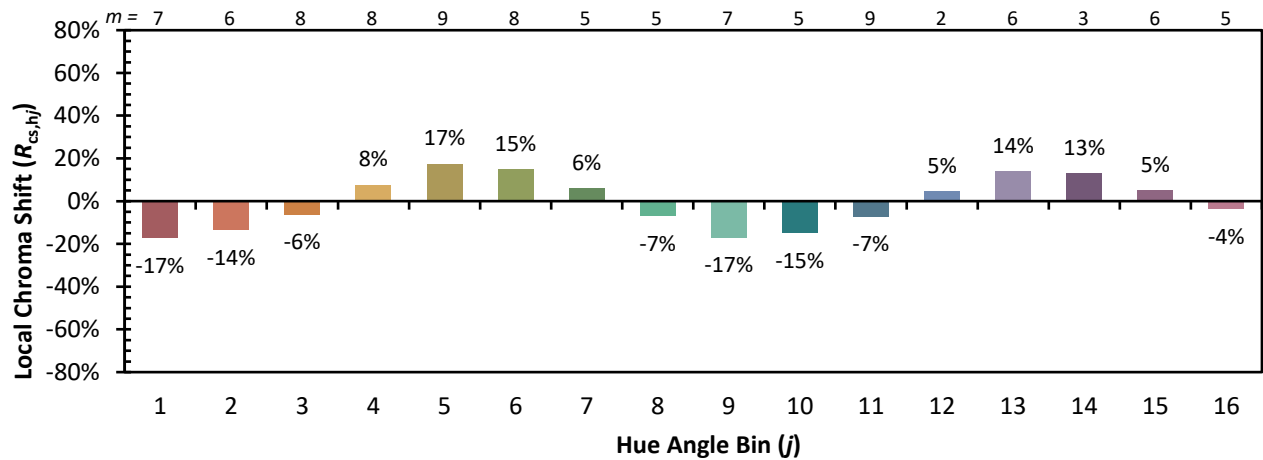
Color Vector Graphics



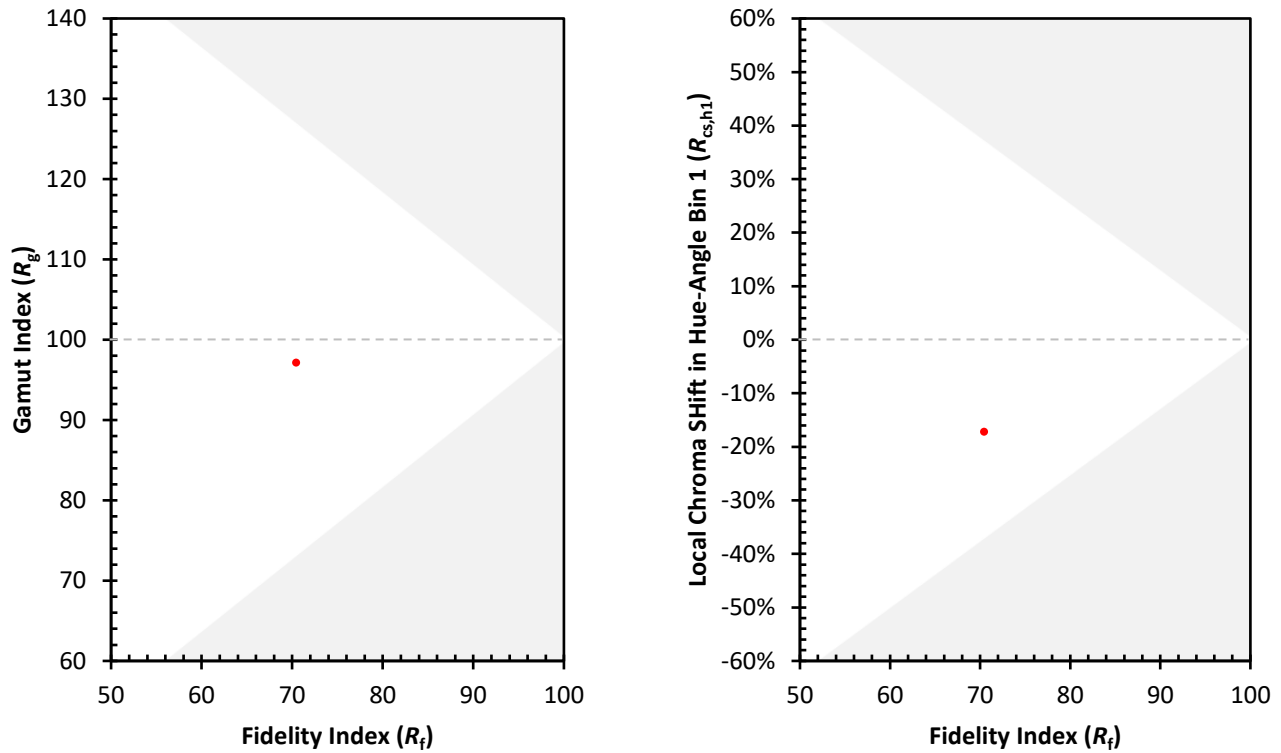
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)