

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: P1047041

Luminaire Tested: **GALN-SA8A-740-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047041
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-740-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29959.9 lumens
Efficiency: N/A
Efficacy: 137.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 217.6
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

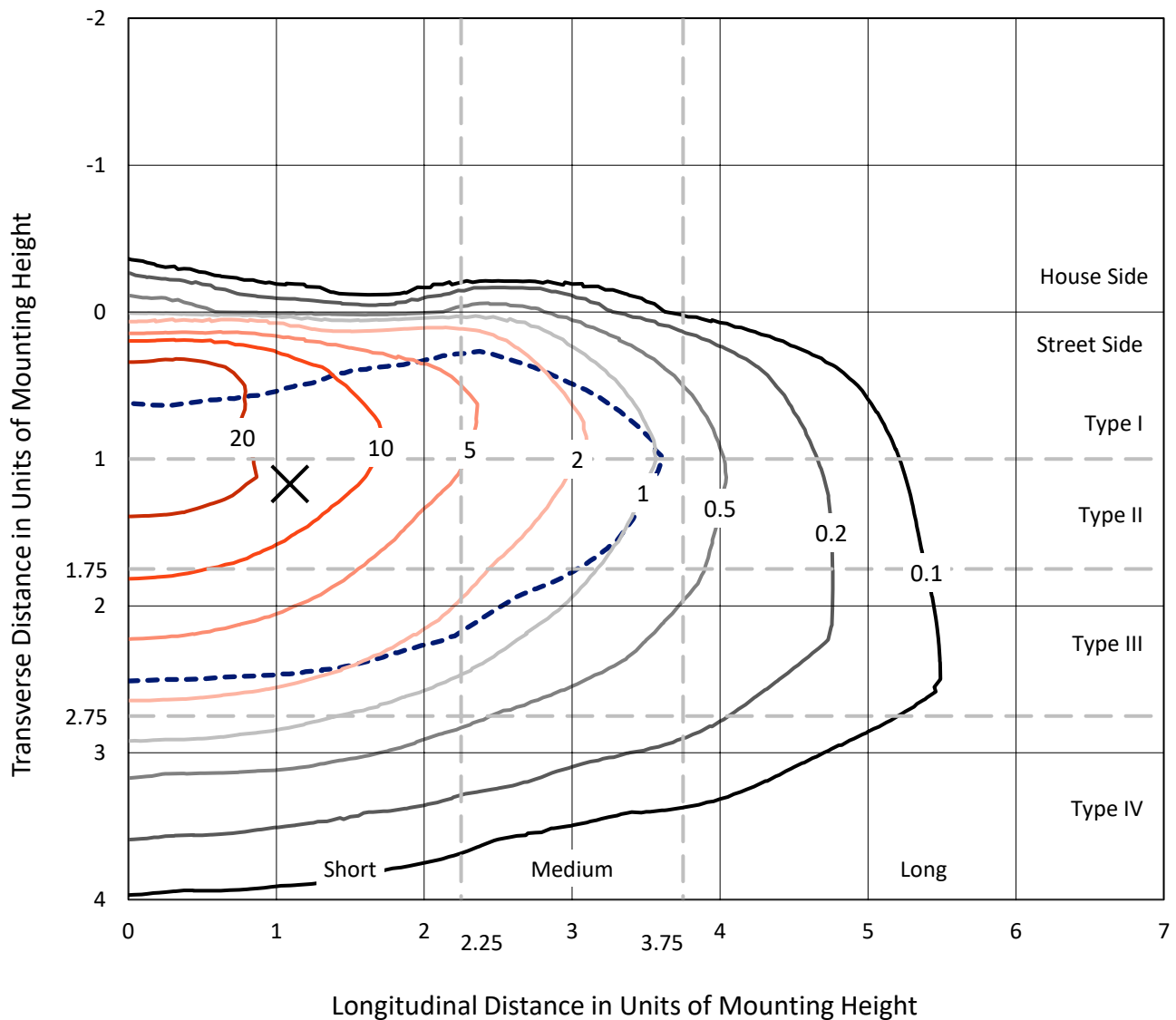


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

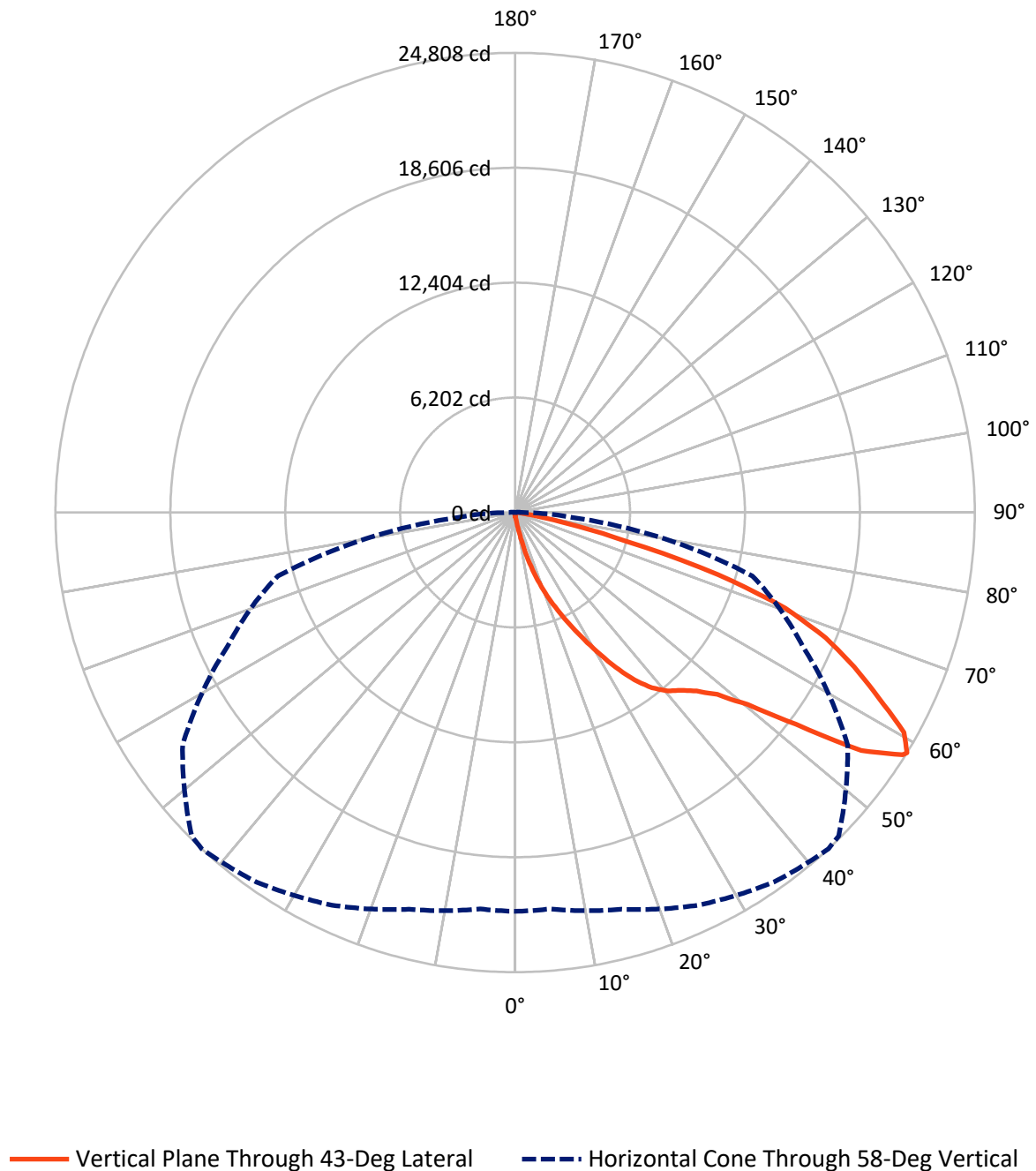


Based on 15 foot mounting height. Maximum calculated value = 33.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	109.4	0.0	109.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29850.5	0.0	29850.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	29959.9	0.0	29959.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	0.1
10°-20°	344.4	1.1
20°-30°	1241.3	4.1
30°-40°	2840.0	9.5
40°-50°	4790.0	16.0
50°-60°	7904.6	26.4
60°-70°	8834.5	29.5
70°-80°	3647.6	12.2
80°-90°	328.8	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°	29959.9	100.0
0°-180°	29959.9	100.0



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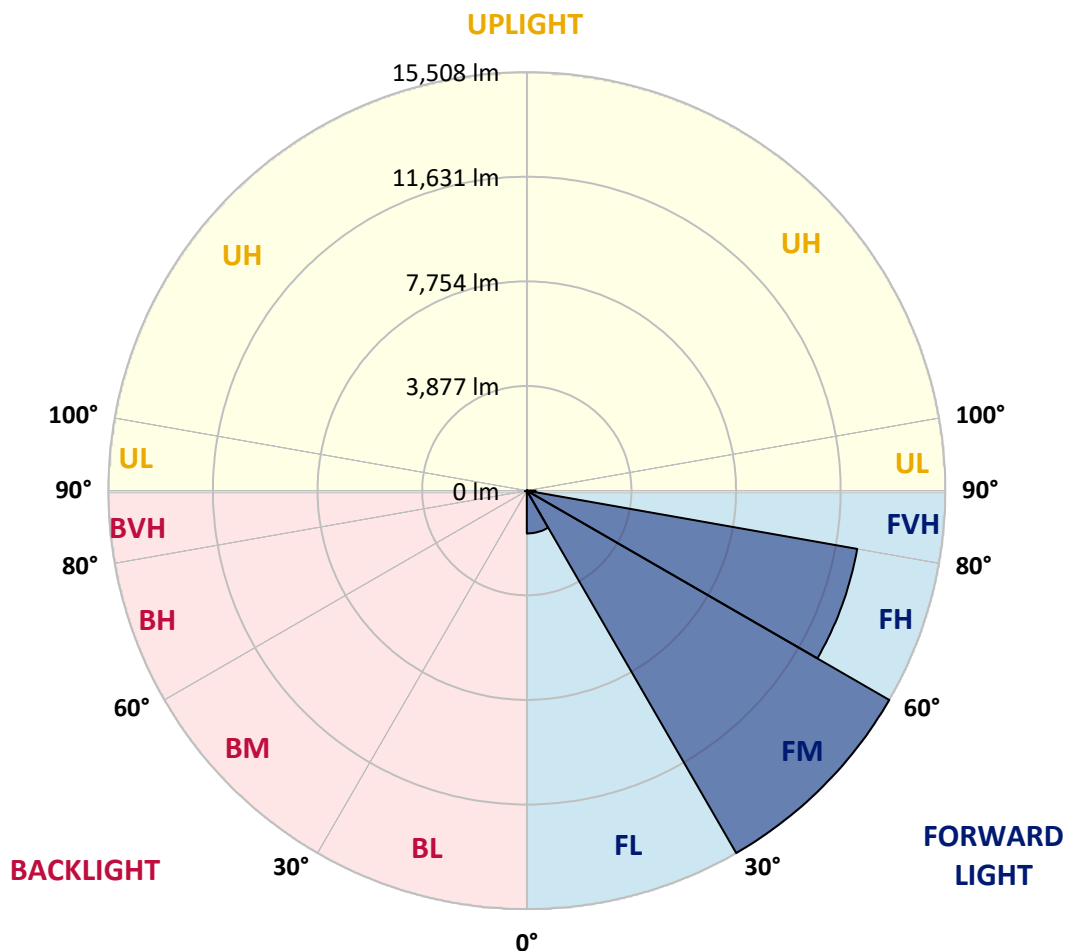
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1585.8	5.3			
FM	(30°-60°)	15508.4	51.8			
FH	(60°-80°)	12432.0	41.5			G5
FVH	(80°-90°)	324.3	1.1			G3/500
BL	(0°-30°)	28.5	0.1	B0/110		
BM	(30°-60°)	26.2	0.1	B0/220		
BH	(60°-80°)	50.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	235.1	242.9	235.1	235.1	235.1	227.2	227.2	219.4	219.4	211.6	203.7
5°	344.8	344.8	321.3	305.6	289.9	282.1	274.3	258.6	242.9	227.2	211.6
7.5°	767.9	767.9	697.4	603.4	478.0	407.5	391.8	321.3	274.3	242.9	211.6
10°	1833.6	1833.6	1676.9	1418.3	1097.0	814.9	728.7	462.3	329.1	258.6	219.4
12.5°	3048.1	3087.3	2891.4	2562.3	2084.3	1590.7	1418.3	846.3	438.8	282.1	219.4
15°	4137.3	4043.2	3988.4	3675.0	3220.5	2632.8	2413.4	1426.1	634.7	321.3	219.4
17.5°	4873.8	4873.8	4795.5	4583.9	4168.6	3651.5	3471.2	2303.7	1026.5	368.3	227.2
20°	5735.8	5735.8	5594.7	5445.8	5077.6	4638.8	4466.4	3275.3	1590.7	470.1	227.2
22.5°	6777.9	6793.6	6636.9	6370.5	6017.9	5532.0	5383.2	4176.5	2303.7	626.9	235.1
25°	8047.3	8063.0	7835.8	7585.0	7044.3	6519.3	6292.1	5210.8	3173.5	877.6	235.1
27.5°	9449.9	9559.6	9222.7	8791.7	8219.7	7561.5	7389.1	6143.2	4035.4	1238.0	250.7
30°	11197.3	11197.3	10750.7	10147.3	9528.3	8713.4	8494.0	7122.7	4952.2	1716.0	266.4
32.5°	12701.8	12584.2	12012.2	11377.5	10719.3	9959.2	9724.2	8149.2	5892.5	2311.5	297.8
35°	13853.6	13751.7	13046.5	12364.8	11792.8	11095.4	10813.3	9261.9	6887.6	2985.4	344.8
37.5°	14840.9	14801.7	13845.8	12991.7	12615.6	12004.4	11753.6	10311.9	7867.1	3714.1	399.6
40°	15922.2	15796.9	14778.2	13720.4	13156.2	12662.6	12435.3	11158.1	8807.4	4568.2	478.0
42.5°	16846.9	16698.0	15781.2	14746.9	13783.1	13117.0	12897.6	11871.2	9724.2	5422.3	579.8
45°	17873.4	17795.0	16870.4	16086.8	14801.7	13736.1	13446.2	12443.2	10562.6	6441.0	713.1
47.5°	19417.0	19276.0	18414.0	17771.5	16282.7	14676.4	14261.1	13030.9	11369.7	7444.0	916.8
50°	21211.4	21117.4	20608.0	20098.7	18617.7	16282.7	15789.0	13877.1	12270.8	8635.0	1183.2
52.5°	22676.7	22661.0	22723.7	22731.5	21611.0	18986.0	18249.5	15240.5	13305.1	9810.4	1559.3
55°	22645.3	22715.8	23405.4	24196.8	24283.0	22676.7	21963.6	17536.4	14652.9	11260.0	2084.3
57.5°	21799.1	21744.2	22472.9	23664.0	24502.4	24674.8	24557.2	21101.7	16682.3	13007.3	2891.4
58°	21524.8	21477.8	22167.3	23381.9	24345.7	24808.0	24690.5	21908.8	17136.8	13258.1	3110.8
60°	20529.7	20537.5	20945.0	22049.8	23013.6	24110.6	24220.3	24212.5	19401.3	14934.9	4215.6
62.5°	19213.3	19150.6	19526.7	20427.8	21274.1	22010.6	22198.7	24369.2	22715.8	17066.3	6323.5
65°	17395.4	17301.3	17701.0	18719.6	19628.6	20106.5	20114.4	22269.2	24275.2	19354.3	9332.4
67.5°	14018.2	13939.8	14739.1	16047.6	17450.2	18077.1	18359.2	19323.0	22958.8	20905.8	11056.2
70°	8588.0	8752.5	9865.2	11918.2	14315.9	15467.8	15890.9	16188.7	19550.2	20670.7	9246.2
72.5°	3964.9	3769.0	4717.1	6151.1	8885.7	11448.0	11886.8	13054.4	15499.1	17943.9	6895.5
75°	1849.2	1778.7	1998.1	2687.7	4027.6	6182.4	6981.7	10421.6	11886.8	12482.4	4975.7
77.5°	948.1	956.0	1136.2	1222.4	1661.2	2860.0	3283.2	6856.3	8713.4	6966.0	3338.0
80°	415.3	431.0	438.8	478.0	673.9	1104.8	1245.9	3181.3	5955.2	3549.6	1825.7
82.5°	266.4	274.3	274.3	274.3	321.3	438.8	501.5	1277.2	2969.8	1763.0	564.2
85°	141.0	141.0	156.7	195.9	227.2	266.4	282.1	407.5	979.5	525.0	133.2
87.5°	78.4	86.2	94.0	117.5	148.9	180.2	195.9	282.1	376.1	360.4	31.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9	195.9
2.5°	203.7	195.9	188.1	180.2	172.4	164.6	164.6	164.6	164.6	164.6	164.6
5°	195.9	188.1	180.2	164.6	148.9	141.0	133.2	125.4	125.4	125.4	125.4
7.5°	195.9	188.1	164.6	148.9	133.2	117.5	101.9	101.9	101.9	101.9	101.9
10°	195.9	180.2	156.7	133.2	109.7	94.0	86.2	78.4	78.4	78.4	78.4
12.5°	195.9	172.4	148.9	117.5	94.0	78.4	70.5	62.7	62.7	62.7	62.7
15°	195.9	172.4	141.0	109.7	86.2	62.7	54.9	47.0	47.0	47.0	47.0
17.5°	188.1	164.6	133.2	94.0	70.5	47.0	39.2	31.3	31.3	39.2	39.2
20°	180.2	156.7	117.5	78.4	54.9	39.2	23.5	23.5	23.5	23.5	23.5
22.5°	180.2	156.7	109.7	70.5	47.0	23.5	15.7	15.7	15.7	15.7	23.5
25°	180.2	148.9	94.0	54.9	31.3	15.7	7.8	7.8	7.8	7.8	7.8
27.5°	180.2	148.9	86.2	47.0	23.5	15.7	7.8	0.0	0.0	0.0	0.0
30°	172.4	141.0	78.4	39.2	15.7	7.8	0.0	0.0	0.0	0.0	0.0
32.5°	172.4	133.2	62.7	31.3	15.7	7.8	0.0	0.0	0.0	0.0	0.0
35°	180.2	125.4	54.9	23.5	7.8	0.0	0.0	0.0	0.0	0.0	7.8
37.5°	188.1	117.5	47.0	15.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	195.9	109.7	47.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	211.6	109.7	39.2	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	227.2	109.7	31.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	258.6	117.5	31.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	282.1	125.4	23.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	313.4	117.5	23.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	352.6	117.5	23.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	384.0	109.7	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	399.6	101.9	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	478.0	94.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	744.4	78.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1512.3	70.5	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2820.9	62.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3157.8	70.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1990.3	54.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1050.0	54.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	525.0	54.9	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	242.9	39.2	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	101.9	23.5	15.7	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	47.0	23.5	15.7	15.7	7.8	7.8	0.0	0.0	0.0	0.0	0.0
87.5°	23.5	23.5	23.5	15.7	15.7	7.8	7.8	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

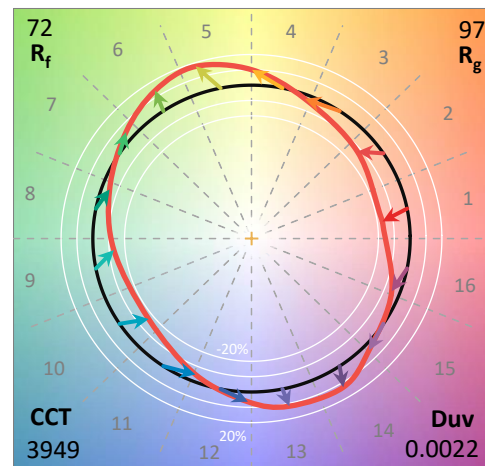
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

Stabilization Time: 34M
 Operation Time: 1H 34M
 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 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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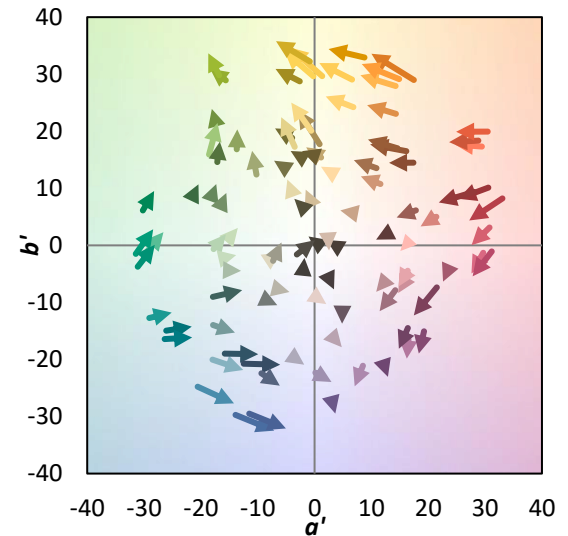
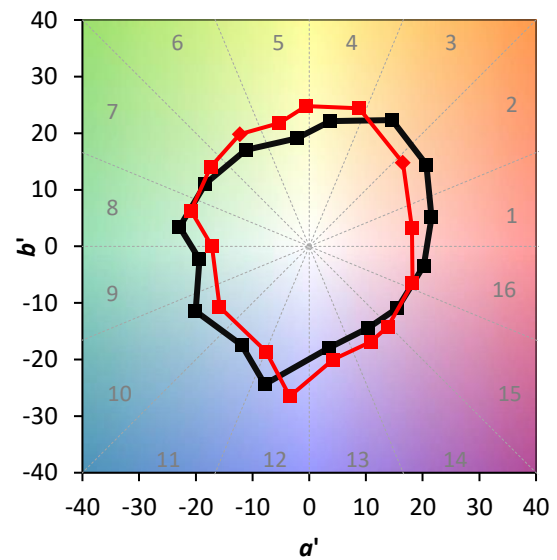
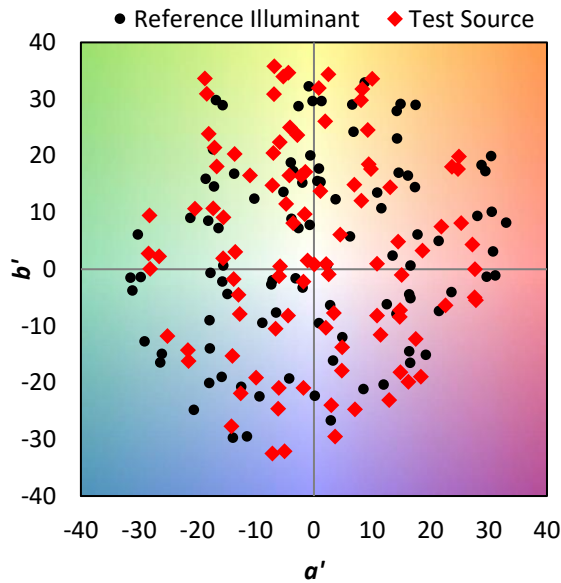
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

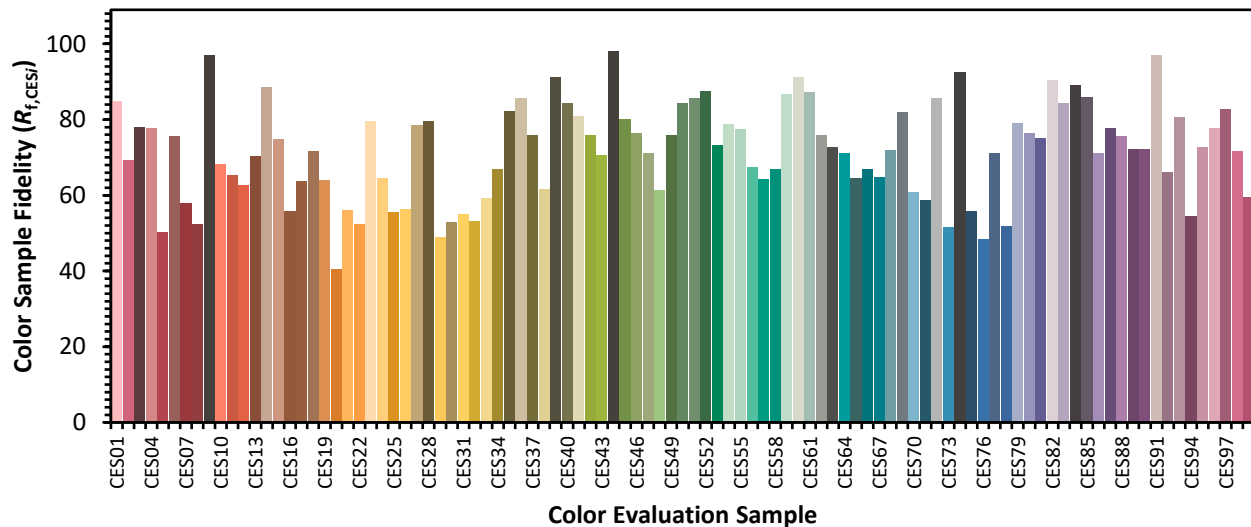


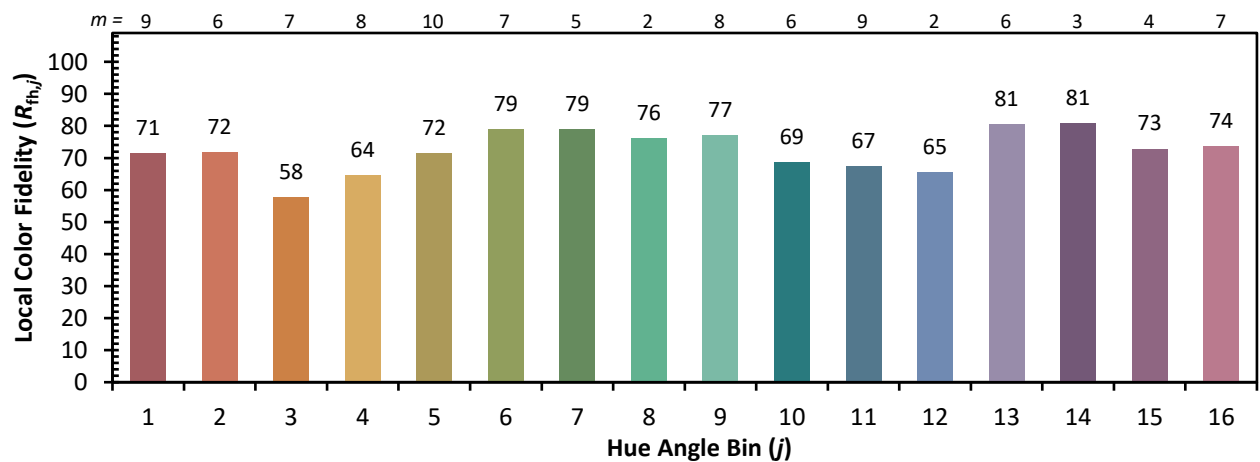
Color Vector Graphics

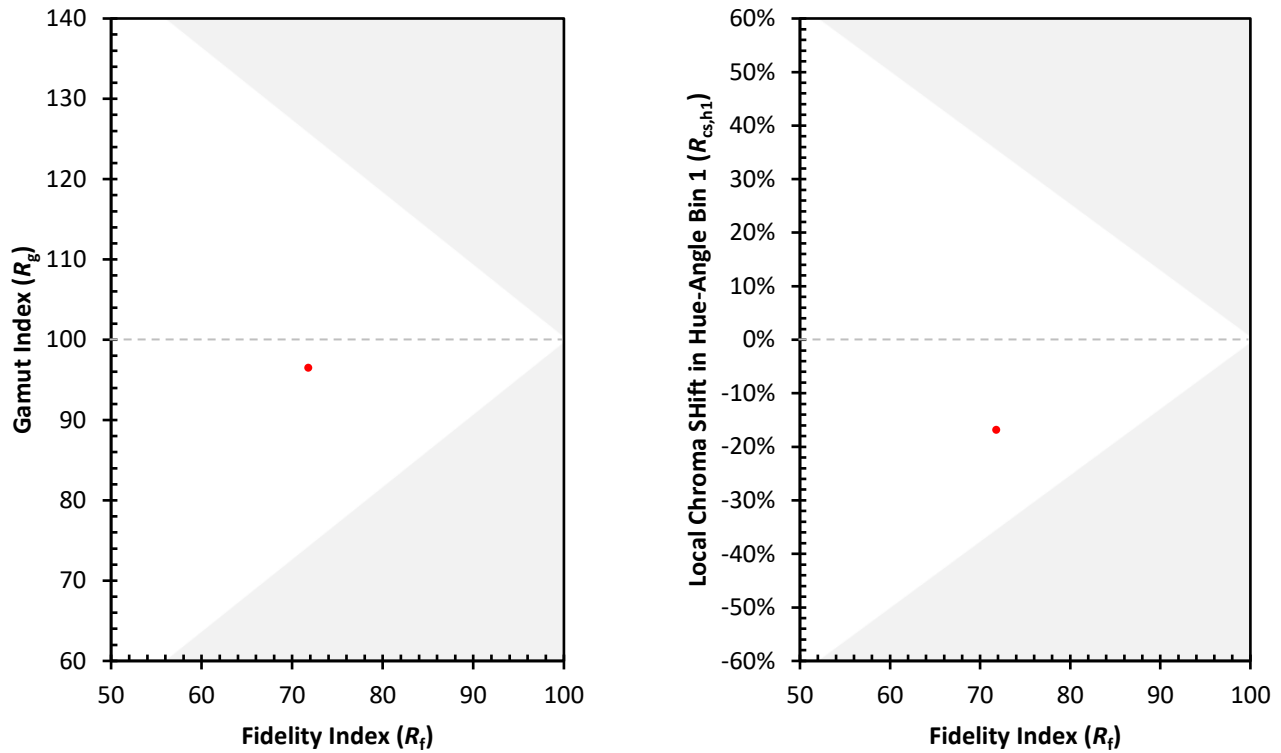


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)