

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: P1048449

Luminaire Tested: **GALN-SA9A-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048449
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32779.4 lumens
Efficiency: N/A
Efficacy: 134.0 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): 244.6
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

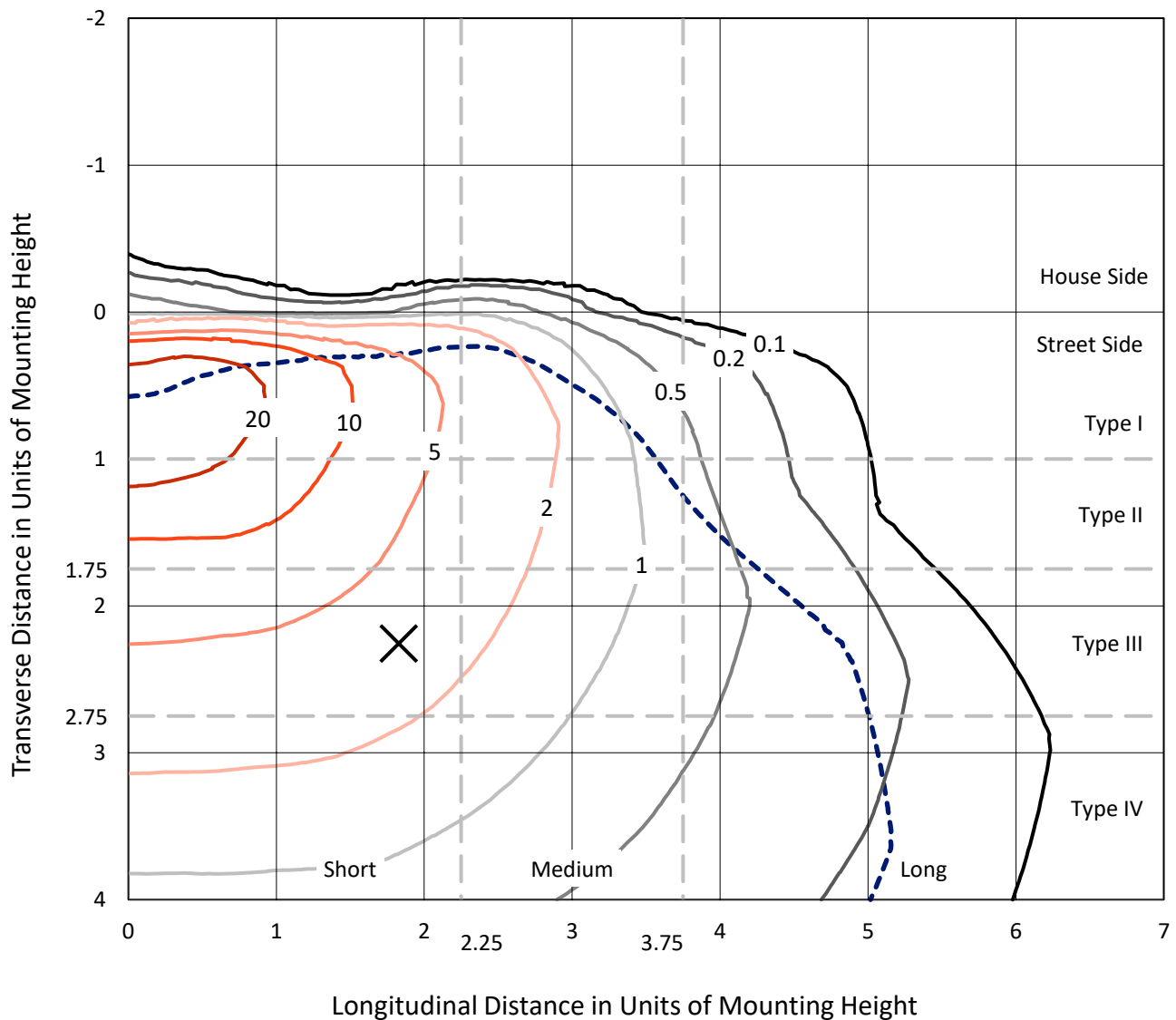


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CATALOG NUMBER: GALN-SA9A-750-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

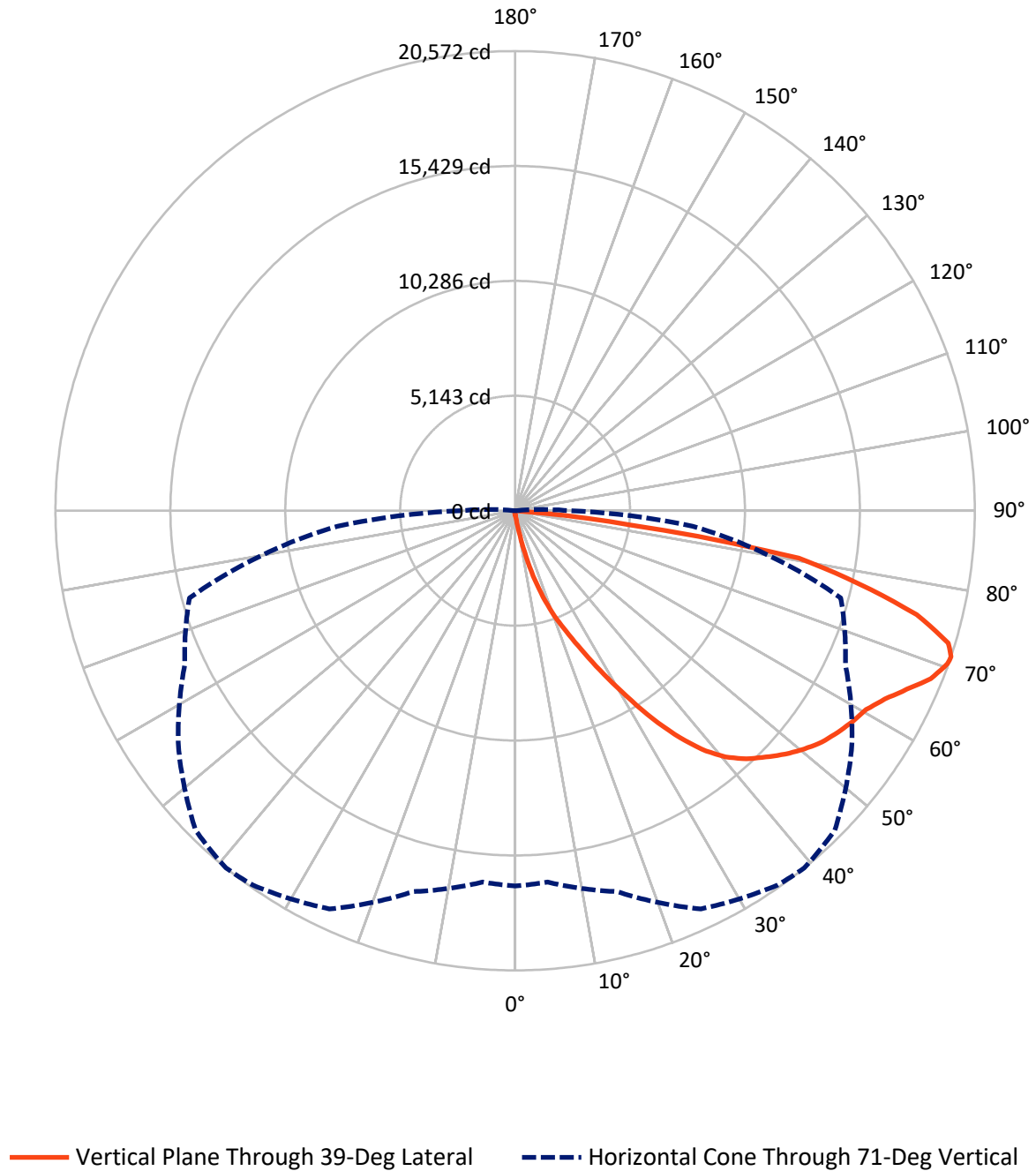


Based on 15 foot mounting height. Maximum calculated value = 33.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	116.5	0.0	116.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32663.0	0.0	32663.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	32779.4	0.0	32779.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	0.1
10°-20°	350.3	1.1
20°-30°	1247.7	3.8
30°-40°	3007.0	9.2
40°-50°	5032.4	15.4
50°-60°	6463.6	19.7
60°-70°	8179.7	25.0
70°-80°	7292.5	22.2
80°-90°	1178.8	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°	32779.4	100.0
0°-180°	32779.4	100.0



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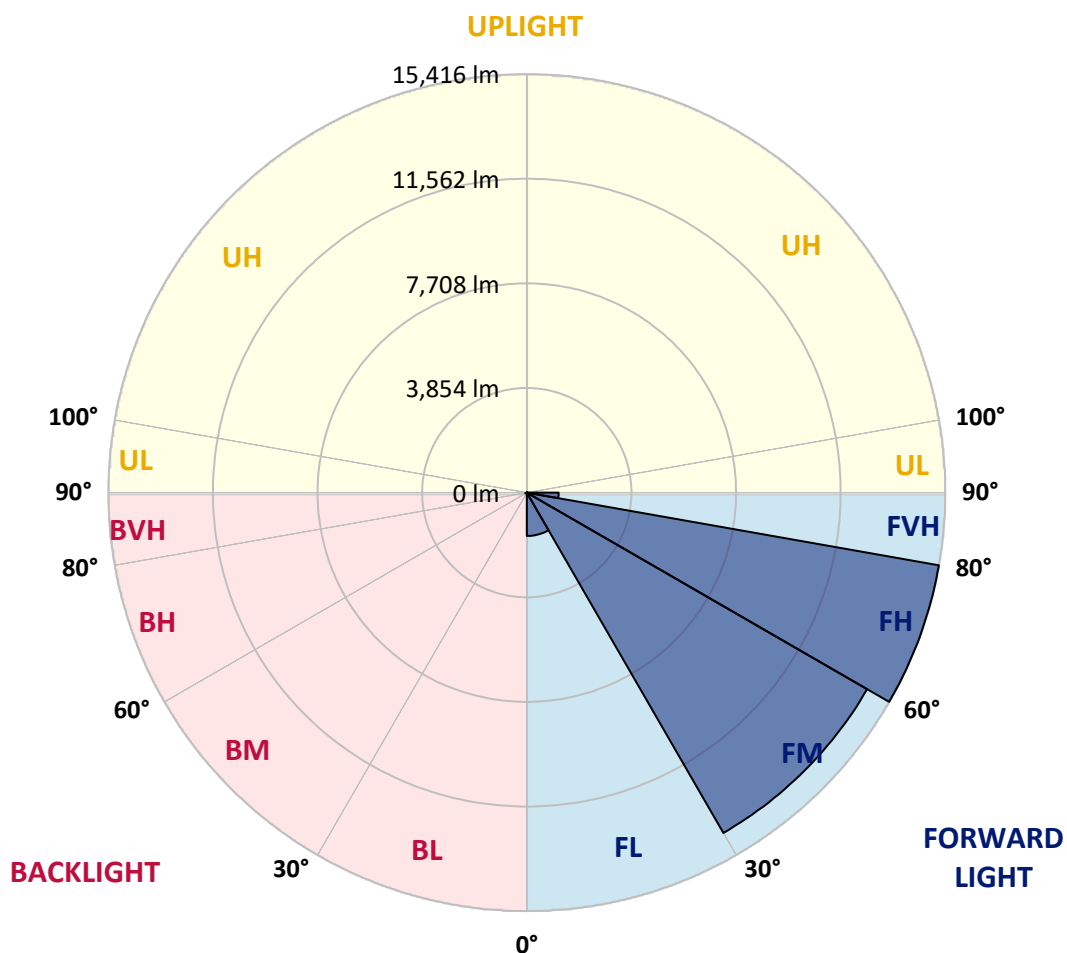
CATALOG NUMBER: GALN-SA9A-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1597.2	4.9			
FM	(30°-60°)	14476.0	44.2			
FH	(60°-80°)	15416.2	47.0			G5
FVH	(80°-90°)	1173.5	3.6			G5
BL	(0°-30°)	28.2	0.1	B0/110		
BM	(30°-60°)	27.0	0.1	B0/220		
BH	(60°-80°)	56.0	0.2	B0/110		G0/110
BVH	(80°-90°)	5.3	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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
2.5°	206.4	206.4	206.4	199.7	199.7	197.5	195.3	195.3	190.8	188.6	184.2
5°	312.9	306.2	290.7	281.8	264.1	253.0	241.9	226.3	210.8	199.7	186.4
7.5°	707.9	723.4	672.4	576.9	479.3	437.1	366.1	295.1	244.1	210.8	188.6
10°	1804.0	1795.2	1622.1	1431.2	1105.1	974.1	763.3	481.5	315.1	230.8	190.8
12.5°	3068.9	3060.0	2855.8	2596.2	2165.7	1892.8	1493.4	898.7	452.7	261.8	190.8
15°	4131.8	4096.3	4031.9	3774.5	3270.8	3042.2	2514.1	1588.8	732.3	315.1	195.3
17.5°	4835.2	4804.1	4744.2	4651.0	4331.5	4060.8	3636.9	2496.4	1184.9	408.3	204.1
20°	5480.9	5458.7	5409.9	5392.2	5185.8	5041.6	4690.9	3539.3	1846.2	554.7	217.5
22.5°	6368.5	6321.9	6341.9	6235.4	6033.4	5860.4	5645.1	4631.0	2653.9	798.8	241.9
25°	7455.8	7433.6	7378.1	7302.7	7023.1	6872.2	6541.6	5660.6	3557.0	1118.4	268.5
27.5°	8769.5	8745.0	8731.7	8558.7	8236.9	8072.7	7611.1	6632.6	4573.3	1566.6	304.0
30°	10282.8	10293.9	10207.4	9985.5	9610.5	9379.7	8904.8	7651.1	5614.1	2092.5	341.7
32.5°	11849.4	11827.2	11694.1	11432.2	11097.2	10881.9	10278.4	8767.2	6705.8	2787.1	386.1
35°	13538.1	13495.9	13145.3	12845.7	12559.5	12288.8	11738.5	10063.1	7797.5	3565.9	446.0
37.5°	15242.3	15044.8	14341.3	13961.9	13764.4	13542.5	13029.9	11445.6	8882.6	4435.8	519.2
40°	16529.3	16376.2	15541.8	14842.8	14685.3	14496.7	14115.0	12639.4	10036.5	5370.0	608.0
42.5°	17241.6	17157.2	16407.2	15717.1	15346.6	15180.1	14853.9	13682.3	11177.1	6401.8	736.7
45°	17545.6	17414.7	16913.2	16591.4	16001.2	15726.0	15337.7	14470.0	12368.7	7573.4	916.4
47.5°	17452.4	17376.9	17017.5	17135.1	16706.8	16278.5	15708.2	15073.6	13387.2	8918.1	1162.8
50°	16866.6	16802.2	16691.3	17328.1	17274.9	16768.9	16187.5	15550.7	14219.3	10305.0	1544.4
52.5°	15752.6	15726.0	16010.0	17177.2	17596.6	17201.6	16649.1	15972.3	14995.9	11754.0	2090.3
55°	14316.9	14425.7	15237.8	16942.0	17760.8	17521.2	17057.4	16367.3	15619.5	13049.9	2895.8
57.5°	13726.7	13755.5	14769.6	16775.6	17834.0	17803.0	17454.6	16744.5	16192.0	14086.2	4125.1
60°	14416.8	14372.4	14907.2	16902.1	17980.5	18055.9	17807.4	17095.1	16689.0	14976.0	5762.7
62.5°	15663.9	15639.5	15810.3	17441.3	18408.8	18561.9	18297.8	17348.1	17128.4	15561.8	7631.1
65°	16777.8	16726.8	17044.1	18397.7	19161.0	19269.7	19039.0	17780.8	17321.5	15987.8	9386.3
67.5°	17259.3	17248.2	17758.6	19307.5	19951.0	20068.6	19866.6	18377.7	17277.1	16123.2	10160.8
70°	17039.6	16997.5	17814.1	19693.6	20397.0	20530.1	20334.8	18599.6	16795.6	15694.9	9013.5
71°	16797.8	16684.6	17647.6	19666.9	20459.1	20572.3	20230.6	18397.7	16311.8	15086.9	7972.8
72.5°	16047.8	16067.7	17190.5	19389.6	20310.4	20277.2	19640.3	17674.3	15728.2	13706.7	6404.0
75°	14201.6	14319.2	15710.5	18224.6	18983.5	18559.7	17585.5	16291.8	14556.6	9827.9	4446.9
77.5°	11605.3	11780.6	13309.5	15983.4	15768.2	15726.0	15686.1	14354.7	12430.8	5279.0	3093.3
80°	5540.8	5920.3	8028.3	11410.1	12395.3	12872.4	12572.8	11567.6	9612.7	2514.1	1848.4
82.5°	361.7	357.3	505.9	958.6	4040.8	5223.5	8299.0	8268.0	6701.4	1224.9	754.5
85°	170.9	175.3	193.1	219.7	255.2	279.6	386.1	2263.4	3206.4	583.6	164.2
87.5°	99.9	102.1	119.8	153.1	199.7	221.9	264.1	339.5	417.2	321.8	35.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
2.5°	182.0	179.7	173.1	166.4	159.8	155.3	153.1	155.3	155.3	157.5	157.5
5°	182.0	175.3	164.2	150.9	142.0	133.1	128.7	126.5	128.7	128.7	128.7
7.5°	179.7	168.6	153.1	137.6	126.5	115.4	110.9	108.7	108.7	110.9	110.9
10°	175.3	164.2	144.2	126.5	113.2	99.9	93.2	86.5	86.5	86.5	88.8
12.5°	173.1	157.5	133.1	115.4	97.6	82.1	68.8	62.1	64.4	64.4	64.4
15°	168.6	150.9	126.5	104.3	82.1	62.1	51.0	44.4	46.6	48.8	46.6
17.5°	168.6	148.7	117.6	91.0	64.4	46.6	37.7	33.3	33.3	35.5	35.5
20°	168.6	144.2	110.9	77.7	48.8	35.5	26.6	24.4	24.4	28.8	31.1
22.5°	173.1	144.2	102.1	64.4	39.9	26.6	20.0	17.8	20.0	24.4	26.6
25°	179.7	142.0	93.2	57.7	33.3	20.0	15.5	11.1	13.3	17.8	20.0
27.5°	186.4	139.8	84.3	51.0	26.6	15.5	11.1	8.9	6.7	8.9	8.9
30°	193.1	139.8	75.4	42.2	22.2	11.1	6.7	4.4	2.2	0.0	0.0
32.5°	197.5	135.4	68.8	33.3	17.8	8.9	4.4	2.2	0.0	0.0	0.0
35°	201.9	130.9	59.9	26.6	13.3	6.7	2.2	0.0	0.0	0.0	0.0
37.5°	206.4	124.3	51.0	22.2	11.1	4.4	0.0	0.0	0.0	0.0	0.0
40°	210.8	115.4	42.2	20.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	215.2	108.7	35.5	15.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	226.3	104.3	28.8	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	246.3	99.9	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	275.2	95.4	24.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	315.1	93.2	22.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	386.1	91.0	20.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	508.1	88.8	20.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	778.9	84.3	20.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1391.3	82.1	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2425.4	84.3	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3477.2	88.8	15.5	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2975.7	77.7	15.5	8.9	4.4	2.2	0.0	0.0	0.0	0.0	0.0
71°	2425.4	68.8	15.5	8.9	4.4	2.2	2.2	0.0	0.0	0.0	0.0
72.5°	1560.0	53.3	13.3	8.9	4.4	4.4	2.2	0.0	0.0	0.0	0.0
75°	659.0	44.4	13.3	8.9	6.7	4.4	4.4	2.2	0.0	0.0	0.0
77.5°	281.8	33.3	13.3	11.1	8.9	6.7	6.7	4.4	2.2	0.0	0.0
80°	106.5	26.6	15.5	13.3	11.1	11.1	8.9	4.4	2.2	0.0	0.0
82.5°	48.8	22.2	15.5	13.3	13.3	11.1	8.9	6.7	4.4	0.0	0.0
85°	31.1	20.0	15.5	13.3	13.3	11.1	11.1	6.7	4.4	0.0	0.0
87.5°	24.4	20.0	15.5	15.5	13.3	13.3	8.9	6.7	2.2	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

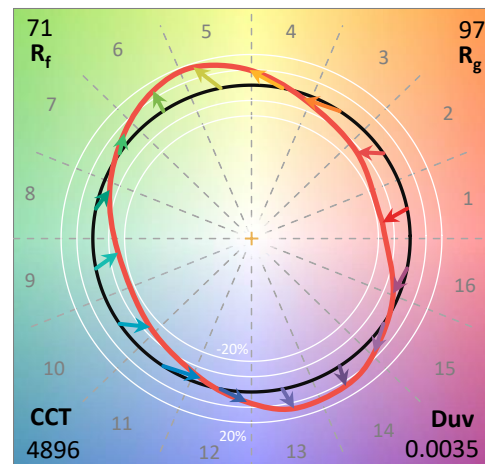
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

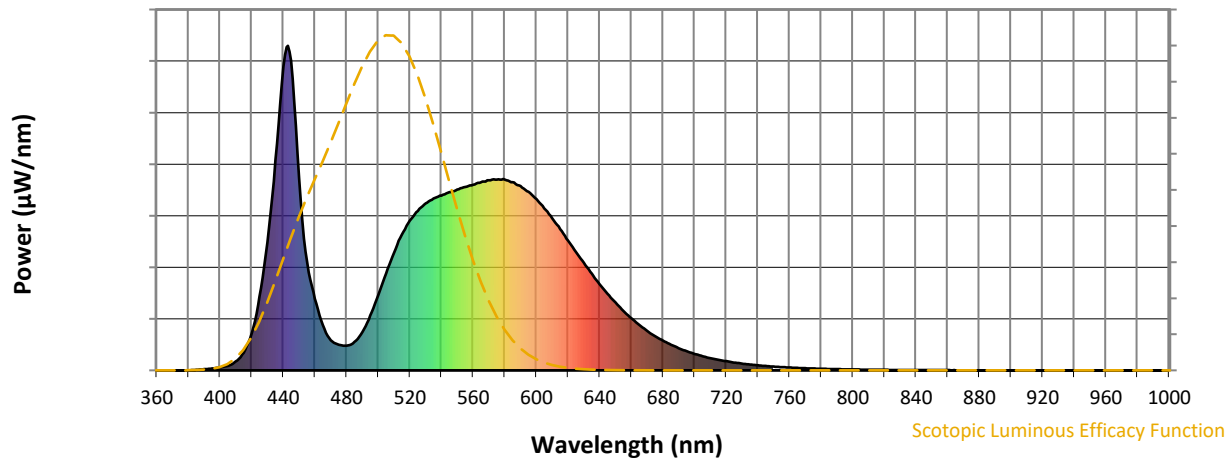


Photopic Lumens: NR

λ (nm)	Power W [^] /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



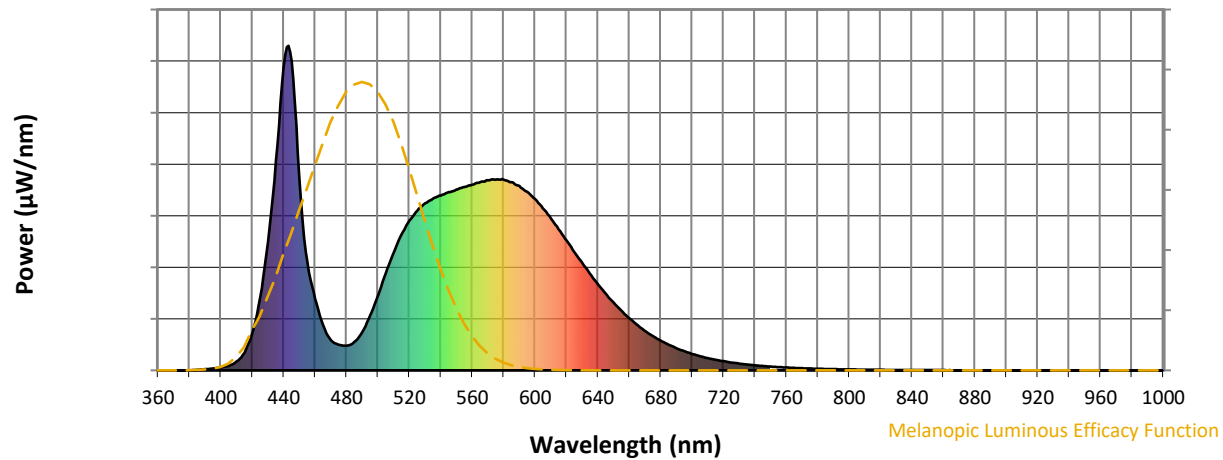
Scotopic Lumens: NR

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

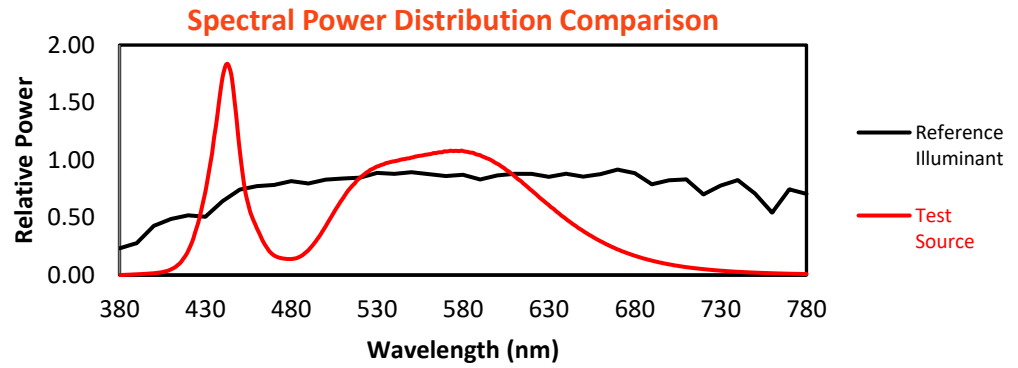
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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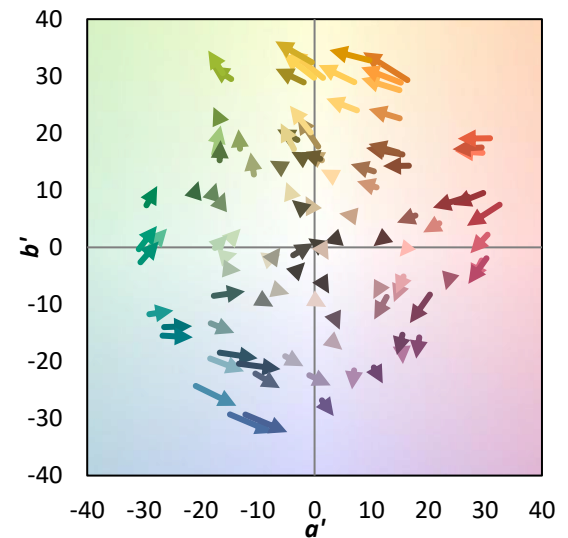
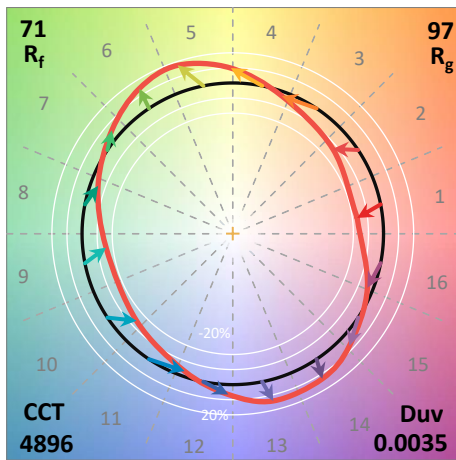
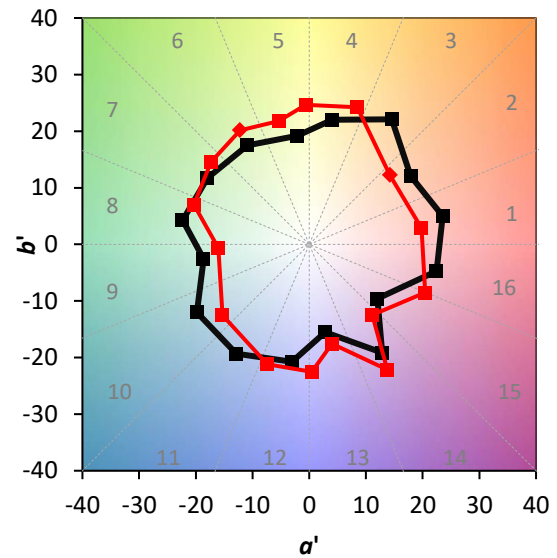
TM-30-18

Summary

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



Color Vector Graphics

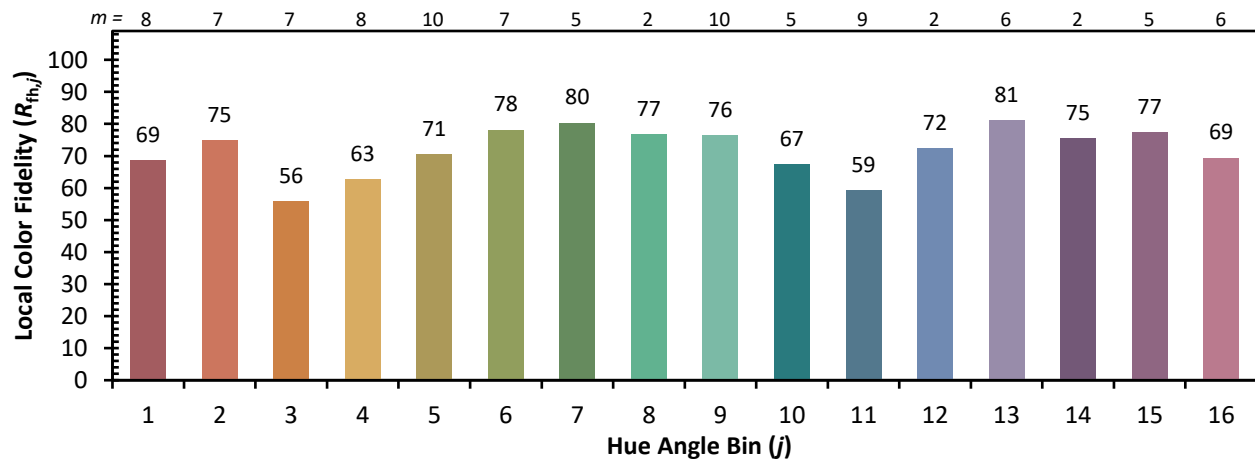
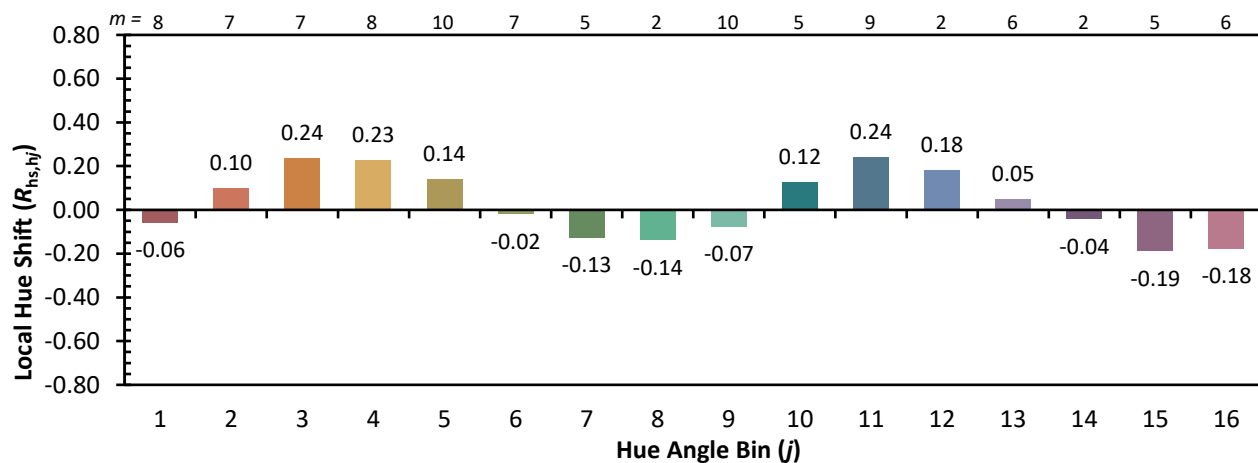
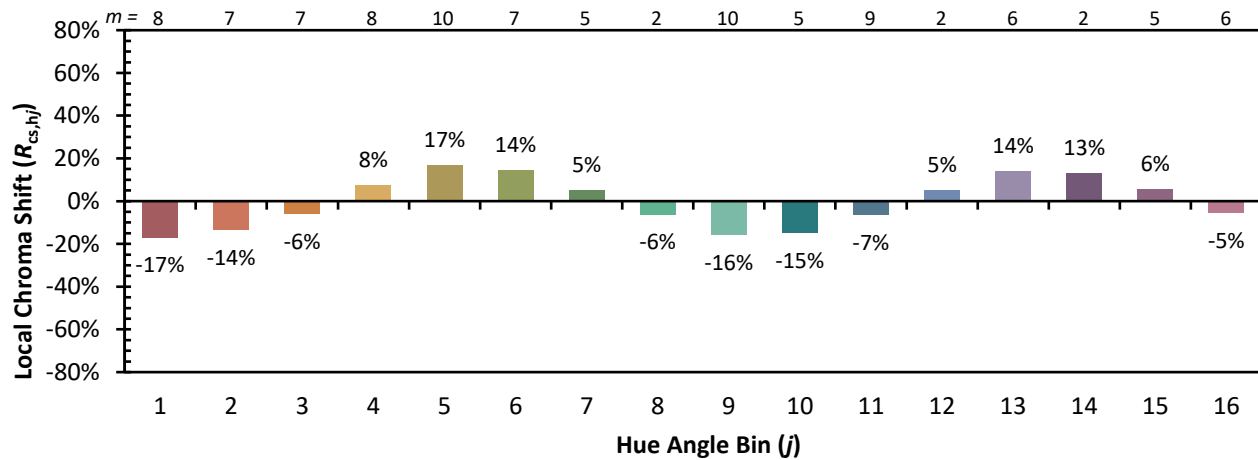


Individual Sample Fidelity Index ($R_{f,i}$)

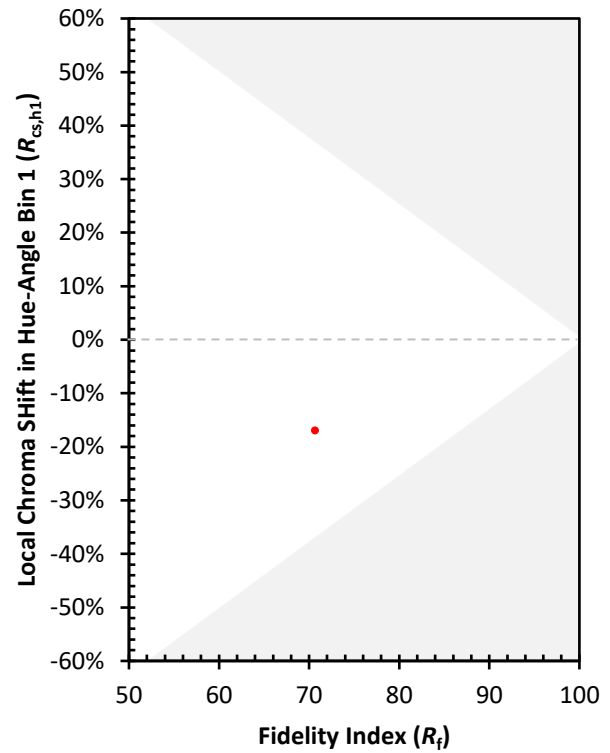
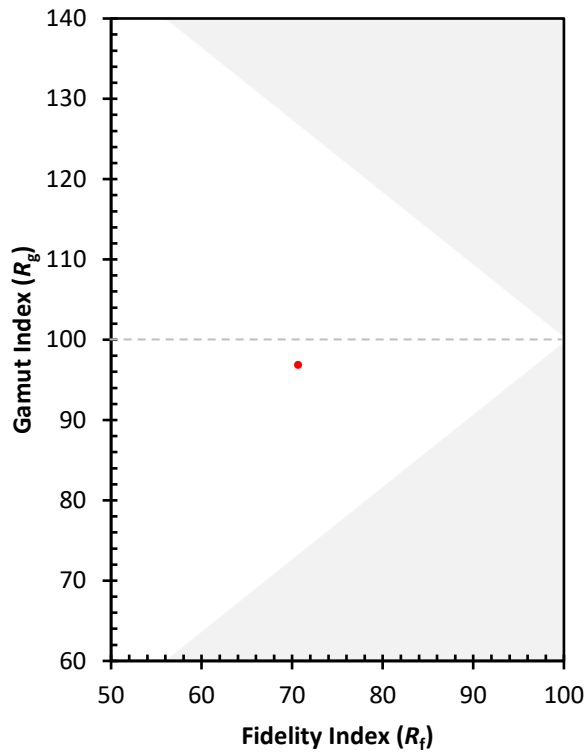
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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