

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: P1048417

Luminaire Tested: **GALN-SA1A-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048417
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3715.3 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 29
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

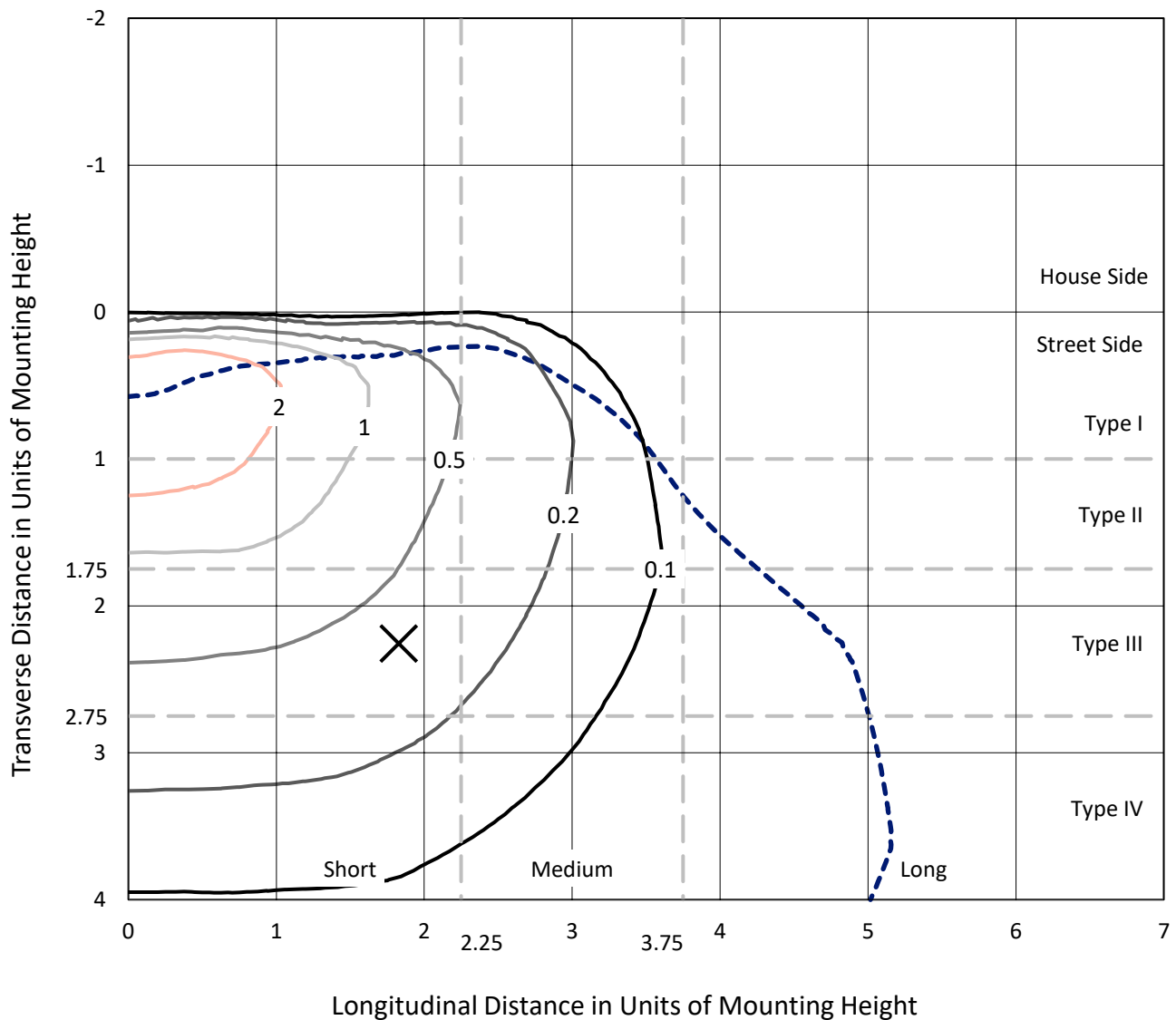


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CATALOG NUMBER: GALN-SA1A-750-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

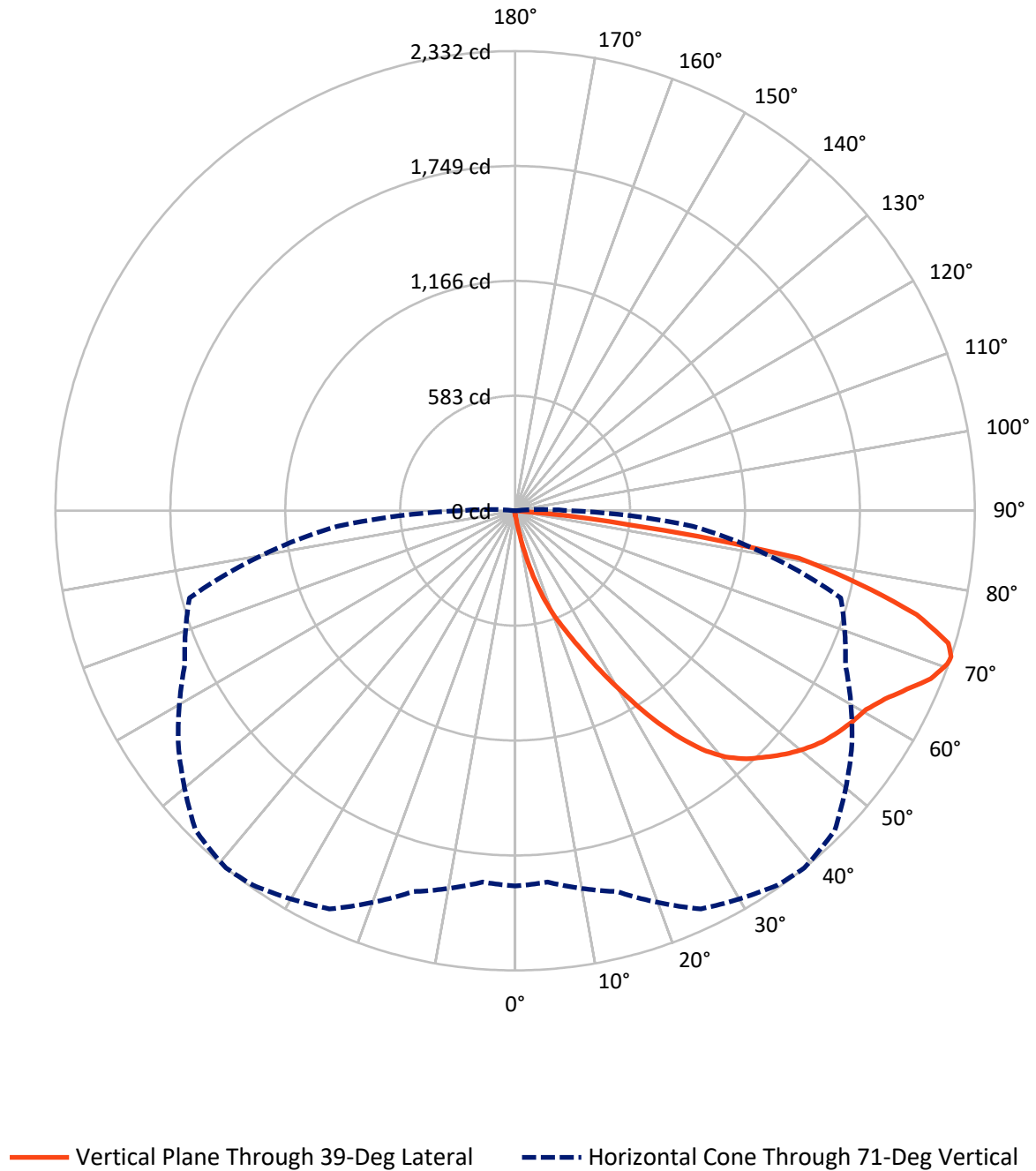


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.2	0.0	13.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3702.0	0.0	3702.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	3715.3	0.0	3715.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.1	0.1
10°-20°	39.7	1.1
20°-30°	141.4	3.8
30°-40°	340.8	9.2
40°-50°	570.4	15.4
50°-60°	732.6	19.7
60°-70°	927.1	25.0
70°-80°	826.5	22.2
80°-90°	133.6	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°	3715.3	100.0
0°-180°	3715.3	100.0



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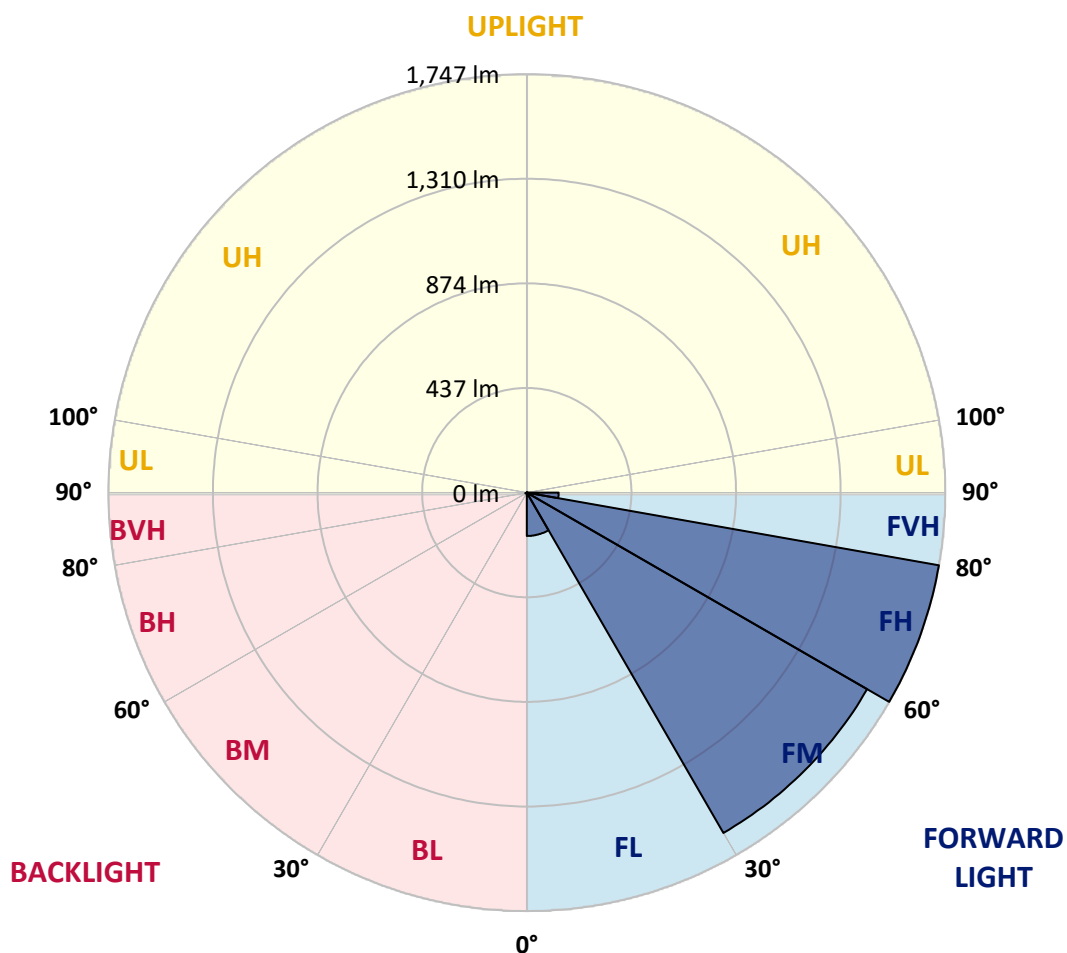
CATALOG NUMBER: GALN-SA1A-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	181.0	4.9			
FM	(30°-60°)	1640.7	44.2			
FH	(60°-80°)	1747.3	47.0			G1/1800
FVH	(80°-90°)	133.0	3.6			G2/225
BL	(0°-30°)	3.2	0.1	B0/110		
BM	(30°-60°)	3.1	0.1	B0/220		
BH	(60°-80°)	6.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G2

Type IV Short





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CATALOG NUMBER: GALN-SA1A-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
2.5°	23.4	23.4	23.4	22.6	22.6	22.4	22.1	22.1	21.6	21.4	20.9
5°	35.5	34.7	32.9	31.9	29.9	28.7	27.4	25.7	23.9	22.6	21.1
7.5°	80.2	82.0	76.2	65.4	54.3	49.5	41.5	33.4	27.7	23.9	21.4
10°	204.5	203.5	183.8	162.2	125.2	110.4	86.5	54.6	35.7	26.2	21.6
12.5°	347.8	346.8	323.7	294.3	245.5	214.5	169.3	101.9	51.3	29.7	21.6
15°	468.3	464.3	457.0	427.8	370.7	344.8	285.0	180.1	83.0	35.7	22.1
17.5°	548.0	544.5	537.7	527.1	490.9	460.2	412.2	282.9	134.3	46.3	23.1
20°	621.2	618.7	613.2	611.1	587.8	571.4	531.7	401.1	209.2	62.9	24.6
22.5°	721.8	716.5	718.8	706.7	683.8	664.2	639.8	524.9	300.8	90.5	27.4
25°	845.0	842.5	836.2	827.7	796.0	778.9	741.4	641.6	403.2	126.8	30.4
27.5°	993.9	991.2	989.7	970.0	933.6	915.0	862.7	751.7	518.3	177.6	34.5
30°	1165.5	1166.7	1156.9	1131.8	1089.3	1063.1	1009.3	867.2	636.3	237.2	38.7
32.5°	1343.0	1340.5	1325.4	1295.7	1257.8	1233.4	1165.0	993.7	760.0	315.9	43.8
35°	1534.4	1529.6	1489.9	1455.9	1423.5	1392.8	1330.4	1140.6	883.8	404.2	50.6
37.5°	1727.6	1705.2	1625.5	1582.5	1560.1	1534.9	1476.8	1297.2	1006.8	502.8	58.9
40°	1873.4	1856.1	1761.5	1682.3	1664.4	1643.1	1599.8	1432.6	1137.5	608.6	68.9
42.5°	1954.2	1944.6	1859.6	1781.4	1739.4	1720.5	1683.6	1550.8	1266.8	725.6	83.5
45°	1988.6	1973.8	1916.9	1880.5	1813.6	1782.4	1738.4	1640.0	1401.9	858.4	103.9
47.5°	1978.1	1969.5	1928.8	1942.1	1893.6	1845.0	1780.4	1708.5	1517.3	1010.8	131.8
50°	1911.7	1904.4	1891.8	1964.0	1957.9	1900.6	1834.7	1762.5	1611.6	1168.0	175.0
52.5°	1785.4	1782.4	1814.6	1946.9	1994.4	1949.6	1887.0	1810.3	1699.7	1332.2	236.9
55°	1622.7	1635.0	1727.1	1920.2	2013.0	1985.9	1933.3	1855.1	1770.3	1479.1	328.2
57.5°	1555.8	1559.1	1674.0	1901.4	2021.3	2017.8	1978.3	1897.8	1835.2	1596.5	467.5
60°	1634.0	1629.0	1689.6	1915.7	2037.9	2046.5	2018.3	1937.6	1891.5	1697.4	653.2
62.5°	1775.4	1772.6	1792.0	1976.8	2086.5	2103.8	2073.9	1966.2	1941.3	1763.8	864.9
65°	1901.6	1895.8	1931.8	2085.2	2171.7	2184.0	2157.9	2015.3	1963.2	1812.1	1063.9
67.5°	1956.2	1954.9	2012.8	2188.3	2261.3	2274.6	2251.7	2082.9	1958.2	1827.4	1151.6
70°	1931.3	1926.5	2019.1	2232.1	2311.8	2326.9	2304.8	2108.1	1903.6	1778.9	1021.6
71°	1903.9	1891.0	2000.2	2229.1	2318.8	2331.7	2292.9	2085.2	1848.8	1710.0	903.6
72.5°	1818.9	1821.1	1948.4	2197.6	2302.0	2298.2	2226.0	2003.2	1782.6	1553.5	725.8
75°	1609.6	1622.9	1780.6	2065.6	2151.6	2103.6	1993.2	1846.5	1649.9	1113.9	504.0
77.5°	1315.4	1335.2	1508.5	1811.6	1787.2	1782.4	1777.9	1627.0	1408.9	598.3	350.6
80°	628.0	671.0	909.9	1293.2	1404.9	1459.0	1425.0	1311.1	1089.5	285.0	209.5
82.5°	41.0	40.5	57.3	108.6	458.0	592.0	940.6	937.1	759.5	138.8	85.5
85°	19.4	19.9	21.9	24.9	28.9	31.7	43.8	256.5	363.4	66.1	18.6
87.5°	11.3	11.6	13.6	17.4	22.6	25.2	29.9	38.5	47.3	36.5	4.0
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: P1048417

CATALOG NUMBER: GALN-SA1A-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
2.5°	20.6	20.4	19.6	18.9	18.1	17.6	17.4	17.6	17.6	17.9	17.9
5°	20.6	19.9	18.6	17.1	16.1	15.1	14.6	14.3	14.6	14.6	14.6
7.5°	20.4	19.1	17.4	15.6	14.3	13.1	12.6	12.3	12.3	12.6	12.6
10°	19.9	18.6	16.3	14.3	12.8	11.3	10.6	9.8	9.8	9.8	10.1
12.5°	19.6	17.9	15.1	13.1	11.1	9.3	7.8	7.0	7.3	7.3	7.3
15°	19.1	17.1	14.3	11.8	9.3	7.0	5.8	5.0	5.3	5.5	5.3
17.5°	19.1	16.9	13.3	10.3	7.3	5.3	4.3	3.8	3.8	4.0	4.0
20°	19.1	16.3	12.6	8.8	5.5	4.0	3.0	2.8	2.8	3.3	3.5
22.5°	19.6	16.3	11.6	7.3	4.5	3.0	2.3	2.0	2.3	2.8	3.0
25°	20.4	16.1	10.6	6.5	3.8	2.3	1.8	1.3	1.5	2.0	2.3
27.5°	21.1	15.8	9.6	5.8	3.0	1.8	1.3	1.0	0.8	1.0	1.0
30°	21.9	15.8	8.6	4.8	2.5	1.3	0.8	0.5	0.3	0.0	0.0
32.5°	22.4	15.3	7.8	3.8	2.0	1.0	0.5	0.3	0.0	0.0	0.0
35°	22.9	14.8	6.8	3.0	1.5	0.8	0.3	0.0	0.0	0.0	0.0
37.5°	23.4	14.1	5.8	2.5	1.3	0.5	0.0	0.0	0.0	0.0	0.0
40°	23.9	13.1	4.8	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	24.4	12.3	4.0	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	25.7	11.8	3.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	27.9	11.3	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	31.2	10.8	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	35.7	10.6	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	43.8	10.3	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	57.6	10.1	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	88.3	9.6	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	157.7	9.3	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	274.9	9.6	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	394.1	10.1	1.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	337.3	8.8	1.8	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0
71°	274.9	7.8	1.8	1.0	0.5	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	176.8	6.0	1.5	1.0	0.5	0.5	0.3	0.0	0.0	0.0	0.0
75°	74.7	5.0	1.5	1.0	0.8	0.5	0.5	0.3	0.0	0.0	0.0
77.5°	31.9	3.8	1.5	1.3	1.0	0.8	0.8	0.5	0.3	0.0	0.0
80°	12.1	3.0	1.8	1.5	1.3	1.3	1.0	0.5	0.3	0.0	0.0
82.5°	5.5	2.5	1.8	1.5	1.5	1.3	1.0	0.8	0.5	0.0	0.0
85°	3.5	2.3	1.8	1.5	1.5	1.3	1.3	0.8	0.5	0.0	0.0
87.5°	2.8	2.3	1.8	1.8	1.5	1.5	1.0	0.8	0.3	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

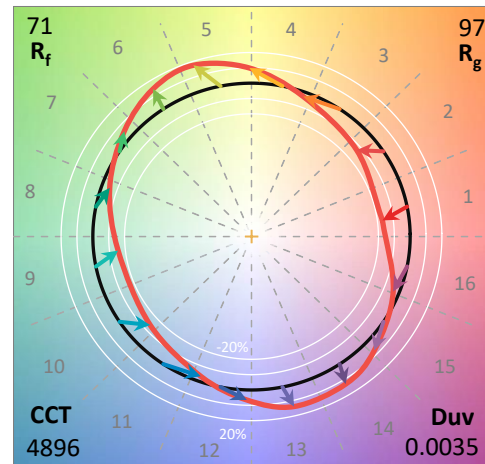
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

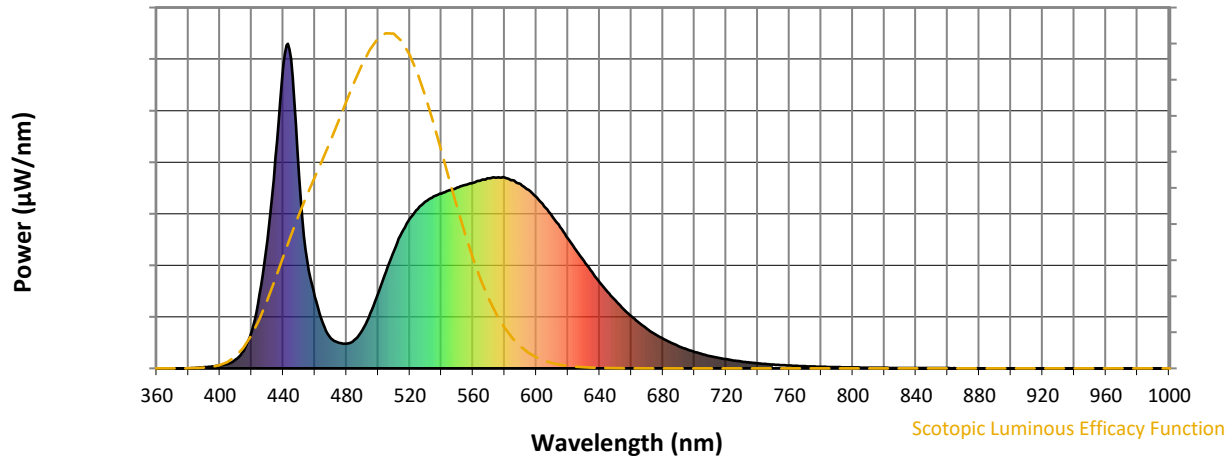


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



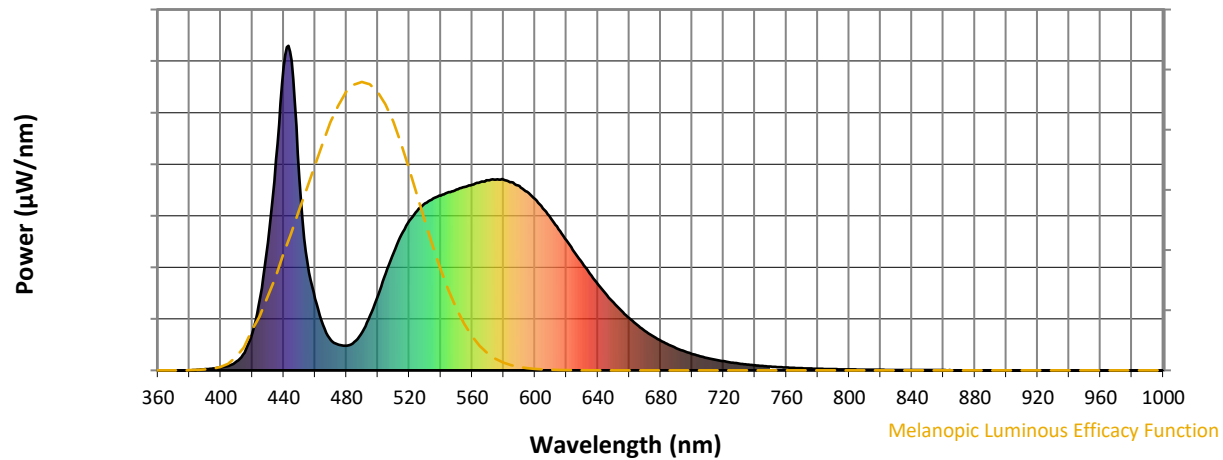
Scotopic Lumens: NR

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

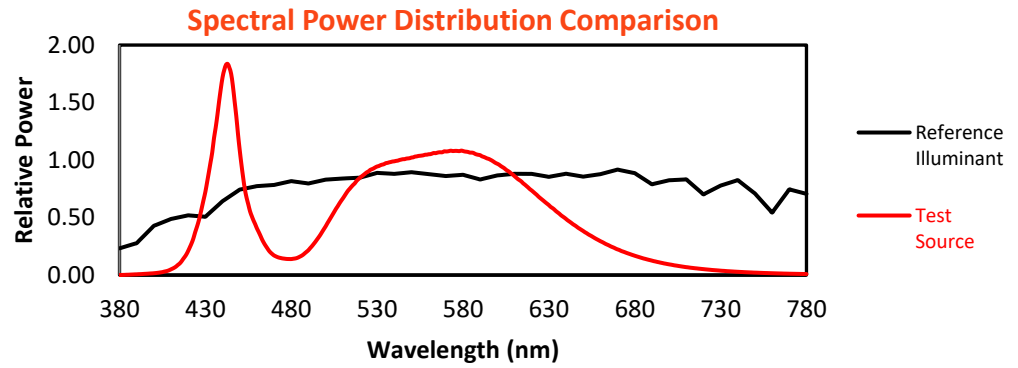
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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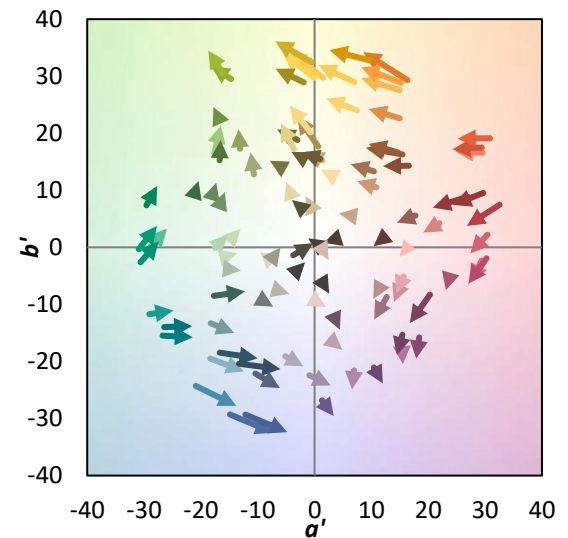
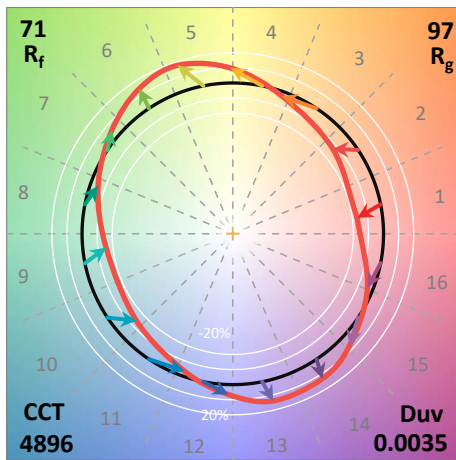
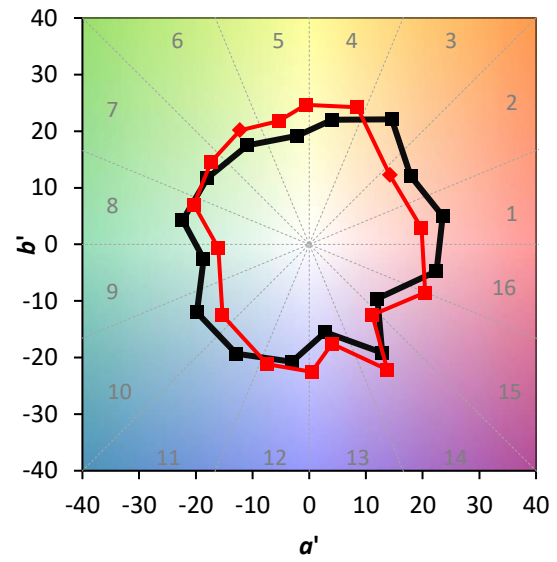
TM-30-18

Summary

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

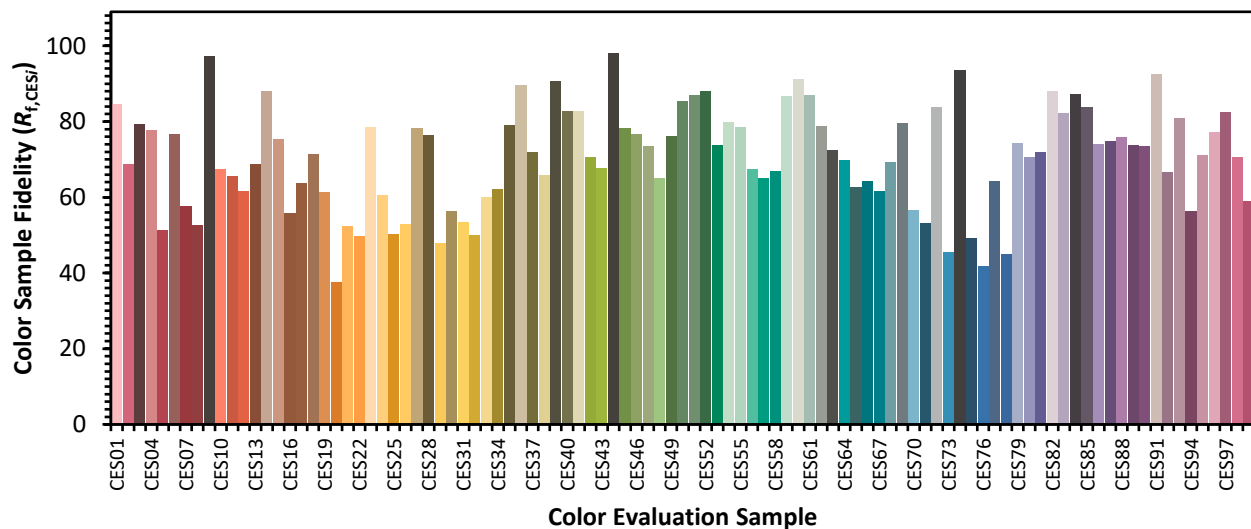


Color Vector Graphics

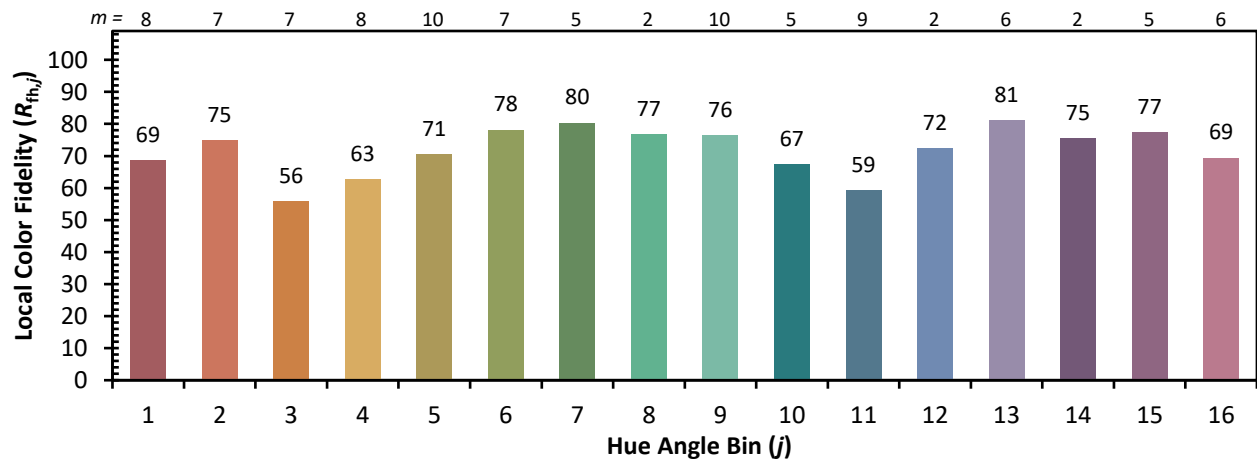
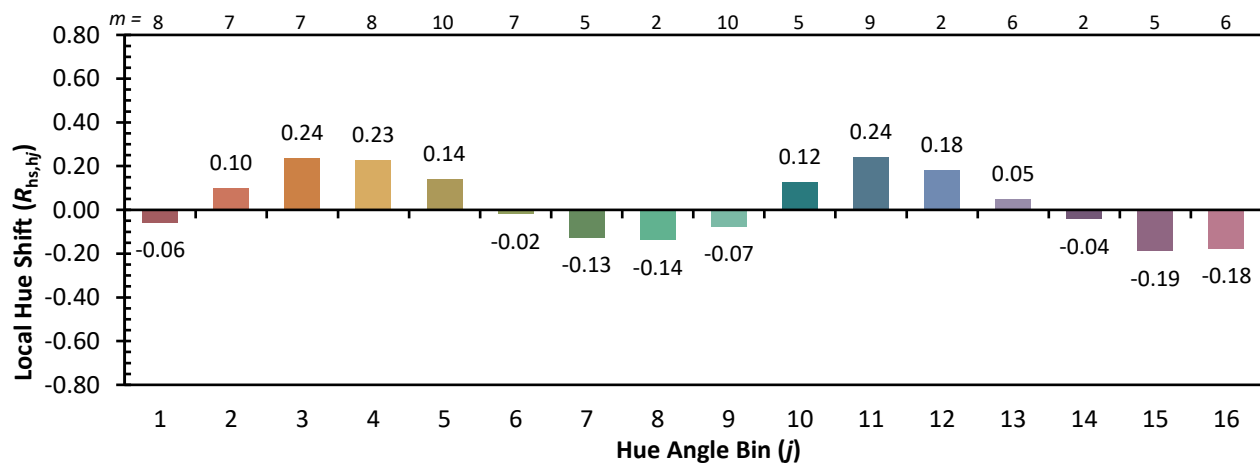
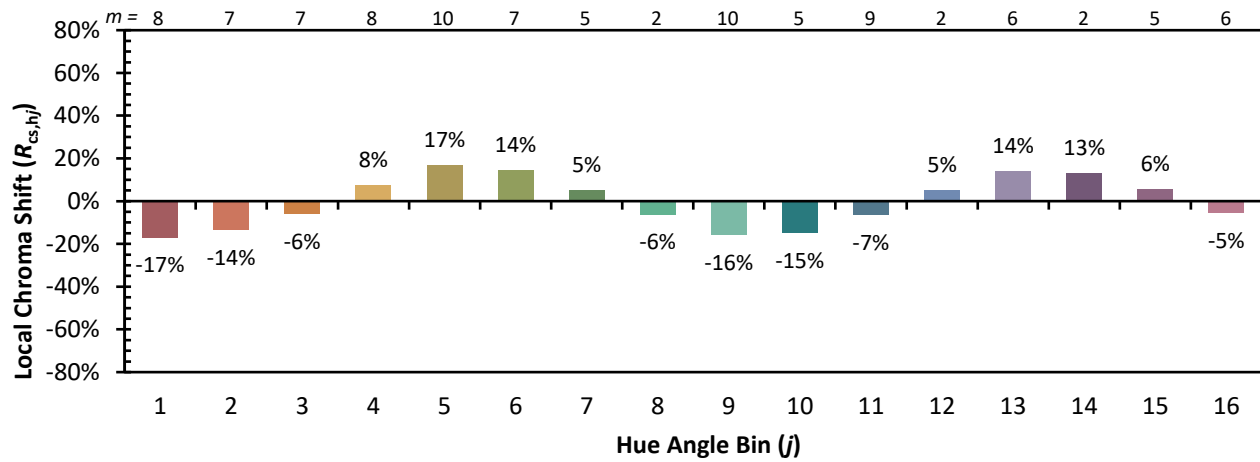


Individual Sample Fidelity Index ($R_{f,i}$)

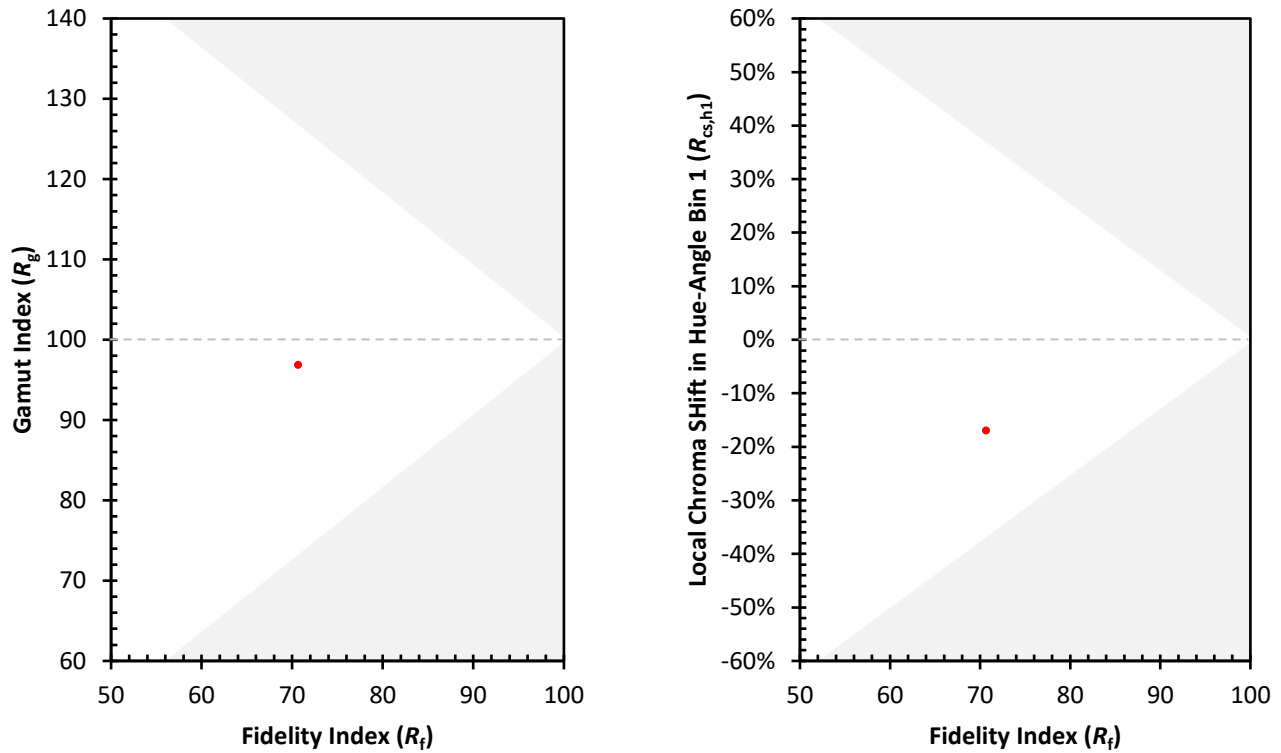
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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