

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: P1047809

Luminaire Tested: **GALN-SA2A-750-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047809
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-750-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7333.1 lumens
Efficiency: N/A
Efficacy: 131.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

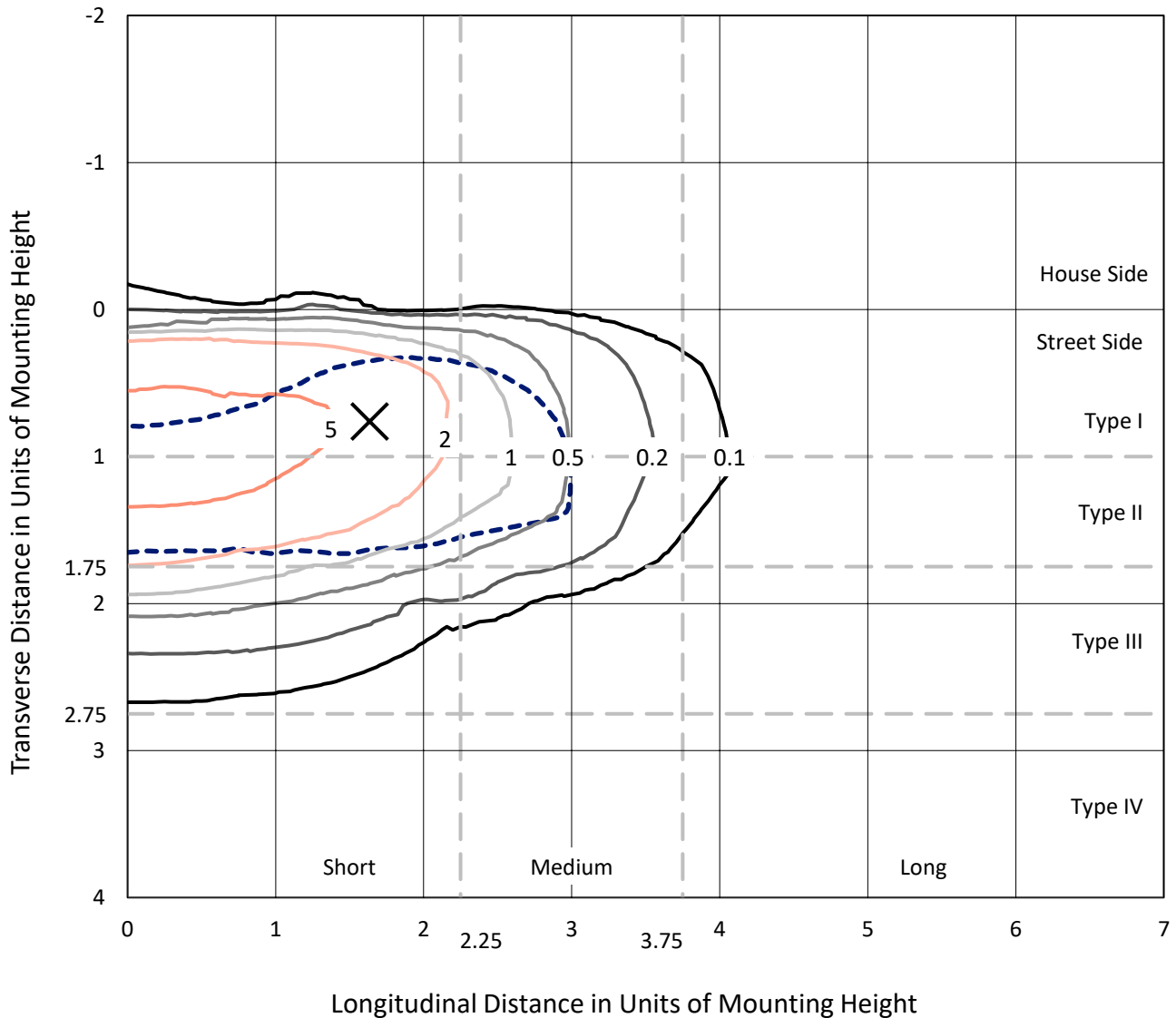


REPORT NUMBER: P1047809

CATALOG NUMBER: GALN-SA2A-750-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

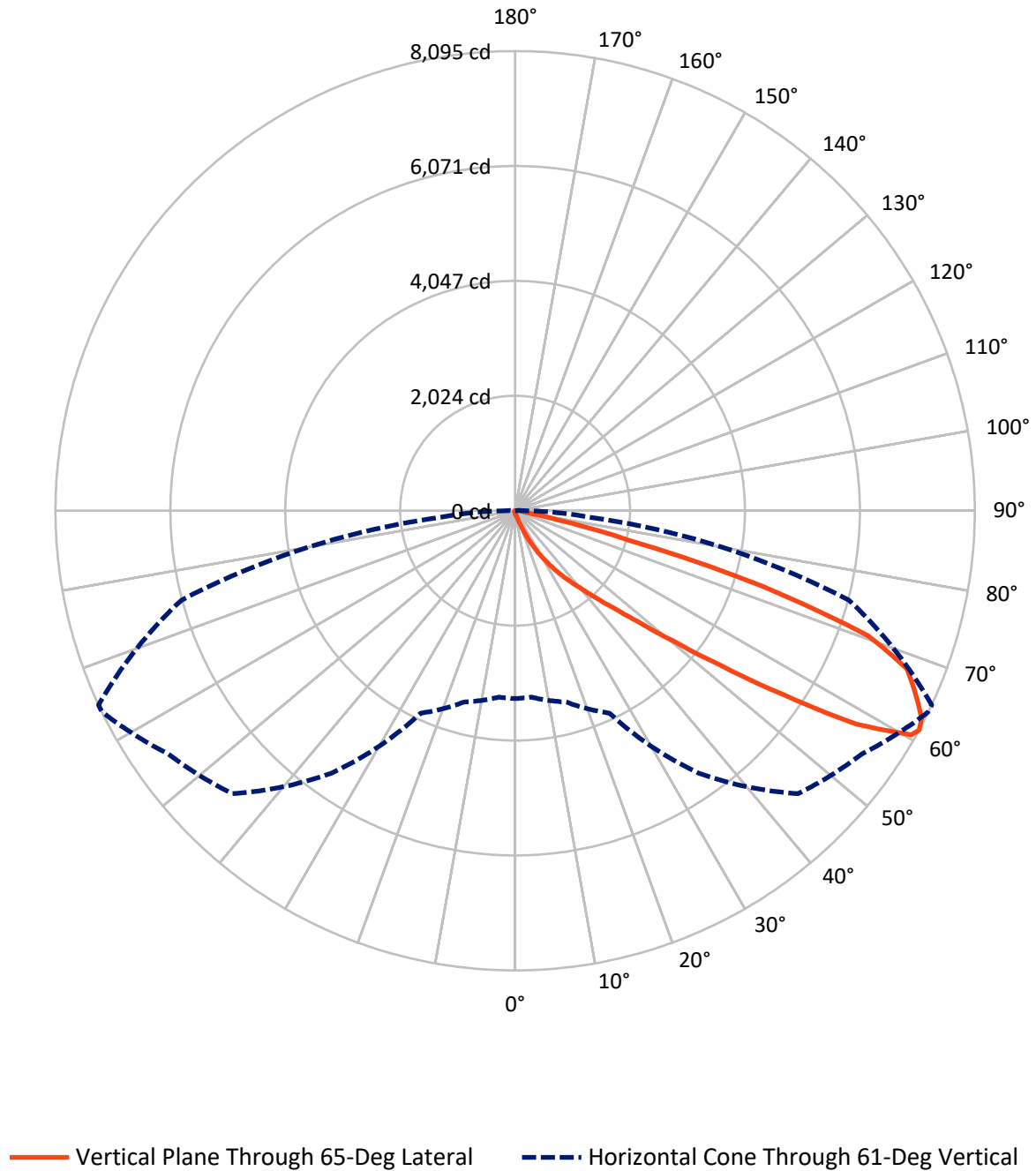


Based on 15 foot mounting height. Maximum calculated value = 9.7 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA2A-750-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.3	0.0	31.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7301.8	0.0	7301.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	7333.1	0.0	7333.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.1
10°-20°	60.3	0.8
20°-30°	216.4	3.0
30°-40°	576.2	7.9
40°-50°	1513.6	20.6
50°-60°	2344.9	32.0
60°-70°	1966.1	26.8
70°-80°	578.6	7.9
80°-90°	71.4	1.0
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°	7333.1	100.0
0°-180°	7333.1	100.0



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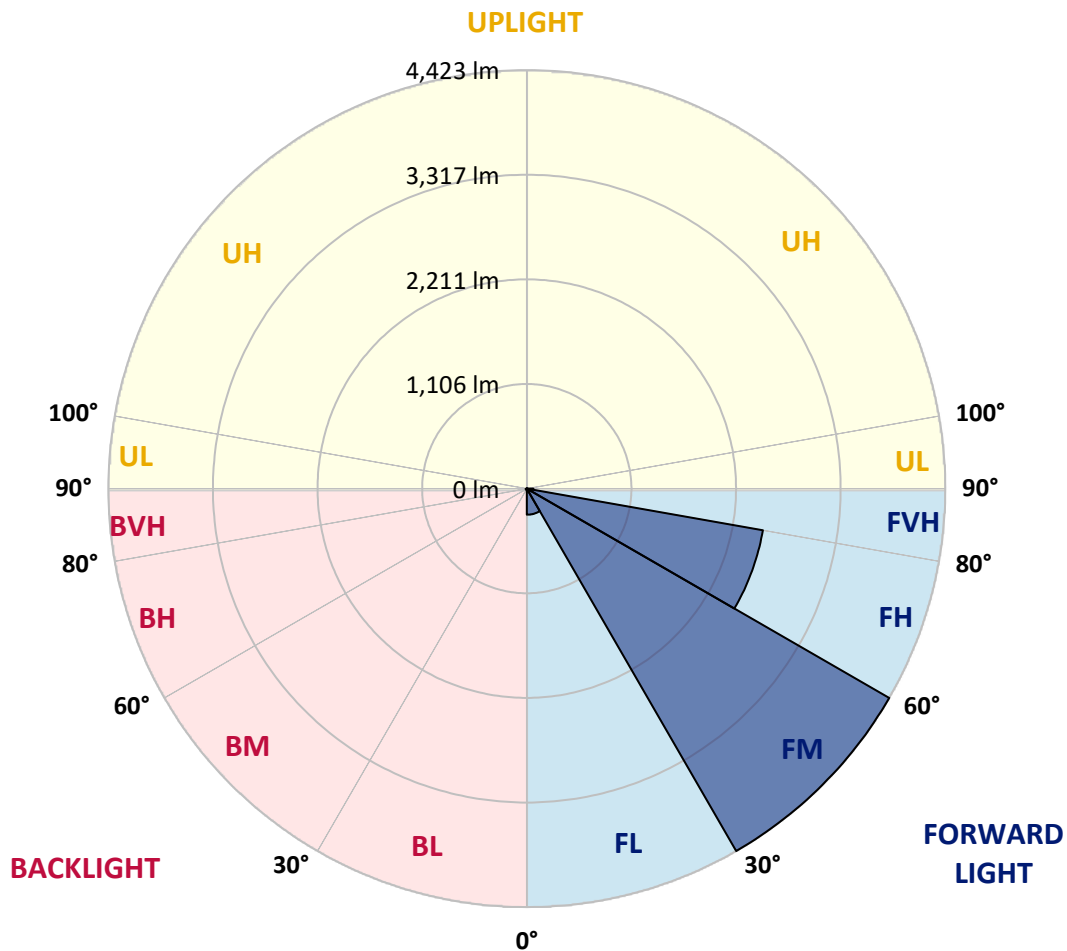
CATALOG NUMBER: GALN-SA2A-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	275.4	3.8			
FM	(30°-60°)	4422.7	60.3			
FH	(60°-80°)	2533.7	34.6			G2/5000
FVH	(80°-90°)	70.1	1.0			G1/100
BL	(0°-30°)	7.0	0.1	B0/110		
BM	(30°-60°)	11.9	0.2	B0/220		
BH	(60°-80°)	11.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G2

Type II Short



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CATALOG NUMBER: GALN-SA2A-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
2.5°	54.5	55.0	54.0	52.0	50.4	50.4	49.9	48.4	48.4	46.9	45.9
5°	76.2	75.2	73.1	69.1	65.6	62.0	58.5	55.0	54.5	49.9	46.9
7.5°	124.6	125.6	119.0	106.4	95.8	82.2	69.6	62.0	61.0	53.5	47.4
10°	273.4	265.8	250.7	201.8	166.0	125.1	92.8	72.1	71.1	57.5	48.4
12.5°	498.4	492.3	464.6	414.1	321.8	224.0	135.7	89.3	86.3	61.0	48.9
15°	718.3	708.7	693.6	642.7	534.7	401.5	222.0	122.1	114.0	66.1	48.4
17.5°	858.6	860.1	846.5	824.8	755.1	594.2	383.4	182.1	166.5	75.2	47.4
20°	981.1	977.6	985.2	973.6	924.6	807.6	557.9	288.5	261.8	89.8	47.9
22.5°	1122.4	1131.0	1136.5	1134.0	1080.0	980.1	756.2	431.8	398.0	116.5	49.4
25°	1311.5	1310.5	1311.0	1304.5	1252.0	1141.0	954.9	609.9	575.6	159.9	53.0
27.5°	1509.8	1515.8	1518.4	1494.7	1426.1	1317.1	1139.0	804.6	764.2	229.5	57.5
30°	1780.7	1775.6	1764.0	1715.6	1632.4	1497.2	1320.6	1008.9	966.5	326.9	64.6
32.5°	2145.9	2140.3	2081.8	1974.9	1850.3	1684.8	1503.2	1213.7	1162.2	448.4	74.2
35°	2747.7	2756.3	2612.5	2335.6	2112.1	1910.3	1705.5	1417.5	1372.1	598.3	87.3
37.5°	3669.3	3622.4	3427.2	2937.9	2456.6	2191.8	1898.7	1623.3	1583.9	782.9	104.4
40°	4564.7	4518.3	4461.8	3998.2	3055.4	2502.0	2169.1	1864.9	1814.0	991.2	129.6
42.5°	5506.0	5480.3	5477.7	5128.2	4148.0	2989.8	2494.5	2147.9	2104.5	1219.7	171.0
45°	6172.9	6147.1	6201.1	6262.1	5636.1	4035.0	3061.0	2515.7	2452.6	1497.2	237.1
47.5°	6262.6	6263.7	6407.9	6599.1	6741.9	5651.8	3815.6	3002.9	2926.3	1894.2	348.1
50°	5964.0	5975.6	6205.1	6547.2	6931.5	7008.2	5146.3	3710.2	3596.7	2364.8	505.5
52.5°	5395.5	5408.6	5728.4	6290.9	6757.0	7334.1	6713.1	4635.3	4504.7	2952.0	727.4
55°	4883.5	4891.6	5258.3	5969.1	6546.7	7157.0	7643.3	5870.7	5699.2	3674.4	946.3
57.5°	4376.5	4357.9	4596.5	5410.1	6510.8	6939.6	7780.5	7278.6	7089.4	4463.8	1116.8
60°	3698.6	3667.3	3859.0	4376.5	6039.7	7082.4	7523.8	8057.5	8014.6	5563.0	1248.5
61°	3308.6	3295.5	3488.2	3932.1	5643.2	7046.0	7462.2	8090.2	8094.8	6083.1	1307.5
62.5°	2362.8	2400.1	2694.7	3271.8	4726.6	6810.5	7470.3	7988.9	8033.7	6774.2	1460.4
65°	1050.2	1110.3	1339.3	1808.9	2748.7	5665.4	7398.7	7766.4	7744.2	6963.8	1987.0
67.5°	623.0	632.1	746.1	1025.0	1455.8	3047.3	6529.0	7472.3	7442.5	6062.4	2472.3
70°	490.8	495.4	531.7	643.2	844.9	1167.3	3726.3	6464.9	6594.6	4915.8	2420.3
72.5°	465.6	464.6	469.6	489.3	532.2	579.1	1442.7	4297.3	4561.2	3540.2	2029.4
75°	459.5	457.5	452.5	444.9	385.4	341.0	446.9	1900.7	2053.6	2418.8	1528.0
77.5°	445.9	446.4	447.4	426.8	330.4	241.1	216.4	609.9	750.1	1535.0	1086.1
80°	301.7	306.2	313.8	305.7	297.1	174.5	152.8	216.9	219.9	861.6	717.3
82.5°	152.8	152.8	149.3	133.2	115.0	113.5	121.6	157.4	159.4	435.8	337.5
85°	92.3	97.4	99.4	90.3	82.7	76.2	92.8	125.1	129.6	169.0	78.7
87.5°	20.7	21.2	23.2	30.8	44.9	61.0	86.3	114.5	116.5	108.5	9.6
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-SA2A-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
2.5°	45.4	44.4	43.9	42.4	40.9	39.3	38.3	37.8	38.3	38.8	38.8
5°	44.9	43.4	40.9	38.3	36.3	34.3	32.3	31.8	31.8	32.3	32.3
7.5°	44.9	42.4	38.8	35.8	32.8	29.8	28.2	27.2	27.7	27.7	27.7
10°	44.9	41.9	37.3	32.8	29.3	25.7	23.2	22.2	22.2	22.2	22.2
12.5°	44.4	41.4	35.8	30.3	25.2	21.2	18.2	16.6	17.2	17.2	17.2
15°	43.4	39.9	33.8	25.7	20.2	16.1	13.1	11.6	12.1	13.1	13.6
17.5°	41.9	38.3	30.3	21.7	16.1	12.1	9.1	8.1	8.6	10.1	10.1
20°	41.4	36.8	26.7	17.7	12.1	8.6	6.1	5.0	5.5	7.6	8.1
22.5°	41.4	35.8	24.2	14.6	9.1	5.5	3.5	2.0	2.0	3.5	3.5
25°	41.9	35.3	22.2	12.1	6.6	4.0	2.0	1.0	2.0	5.5	6.6
27.5°	42.9	34.8	21.2	10.1	5.0	3.5	1.5	3.5	6.1	6.1	6.1
30°	43.9	33.8	19.7	8.6	4.5	2.5	2.5	5.0	5.0	6.1	6.6
32.5°	45.4	33.3	18.7	7.6	3.5	2.0	3.5	3.0	3.0	3.5	4.0
35°	48.4	33.8	17.7	7.6	3.5	2.5	3.0	1.5	1.0	1.0	1.0
37.5°	52.5	34.3	16.1	6.6	3.0	3.0	1.5	0.0	0.0	0.0	0.0
40°	59.0	35.8	15.1	6.1	2.5	2.5	0.5	0.0	0.0	0.0	0.0
42.5°	70.1	38.8	14.6	5.5	2.5	2.0	0.0	0.0	0.0	0.0	0.0
45°	92.3	45.9	13.6	5.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
47.5°	132.7	62.6	13.1	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	193.7	84.7	12.6	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	247.2	89.3	8.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	253.2	61.5	6.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	201.8	39.9	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	152.8	30.3	5.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	146.8	27.2	5.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	161.9	23.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	263.3	19.7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	457.5	17.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	578.1	16.1	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	503.9	14.6	3.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	303.2	12.6	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	158.9	9.6	3.0	2.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0
80°	77.2	8.6	3.5	2.5	2.0	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.3	7.1	4.0	3.5	2.5	1.5	0.5	0.0	0.0	0.0	0.0
85°	13.6	6.1	4.5	4.0	3.5	2.0	0.5	0.0	0.0	0.0	0.0
87.5°	7.1	5.5	5.0	4.5	3.5	2.5	1.0	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: SP1-2407-184-6

Test Date: 10/10/2024

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

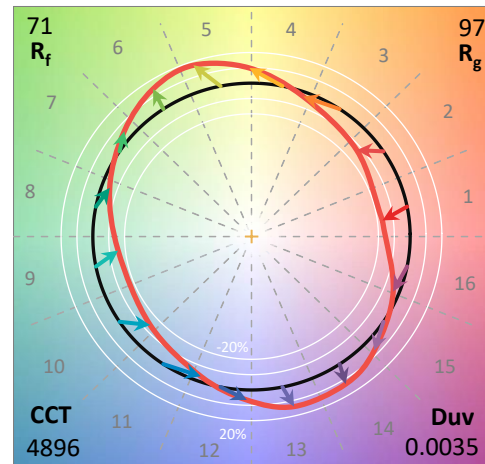
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

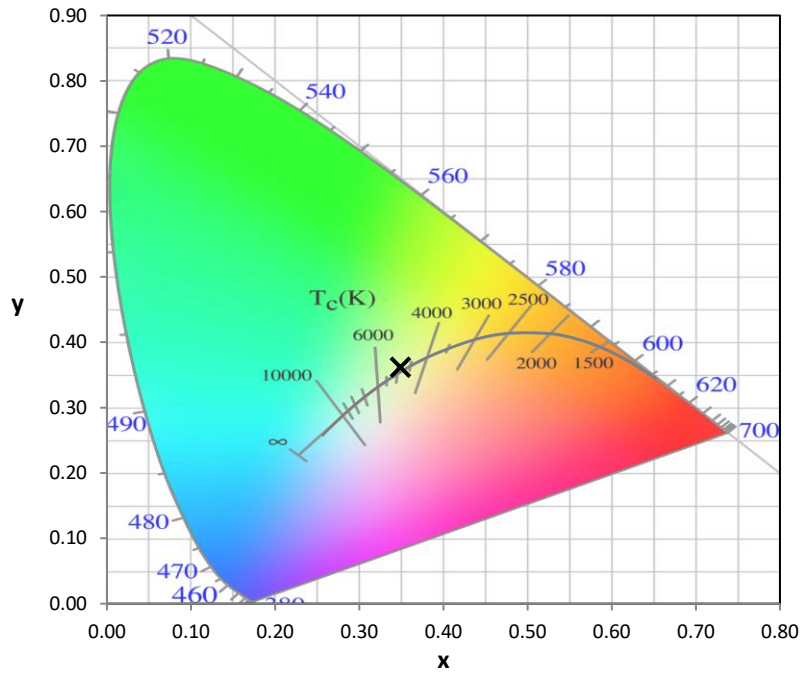
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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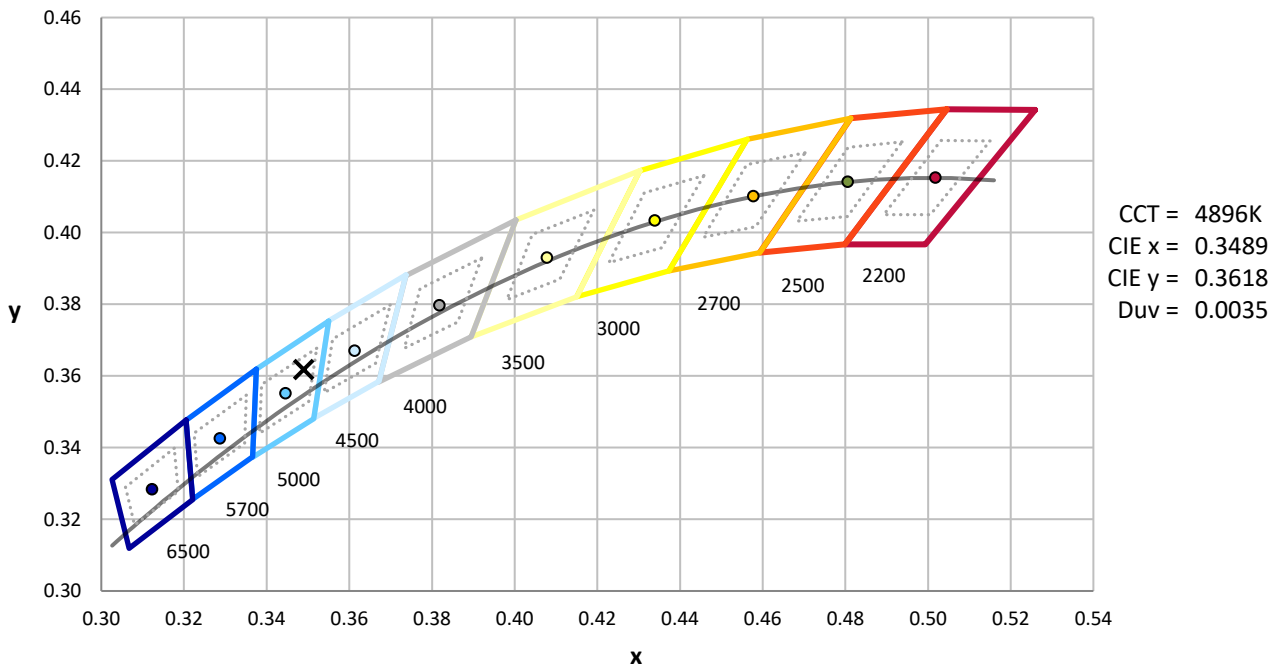
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



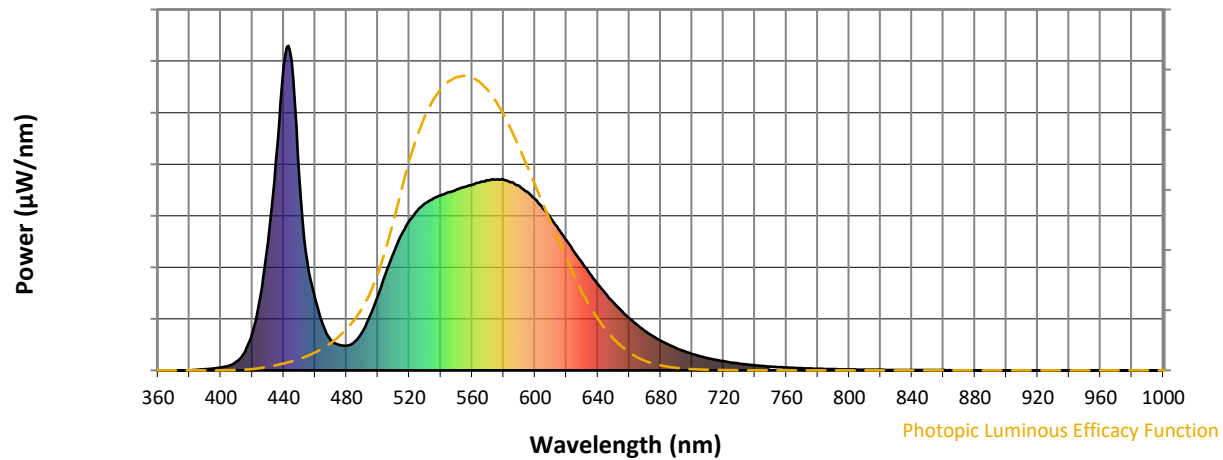
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

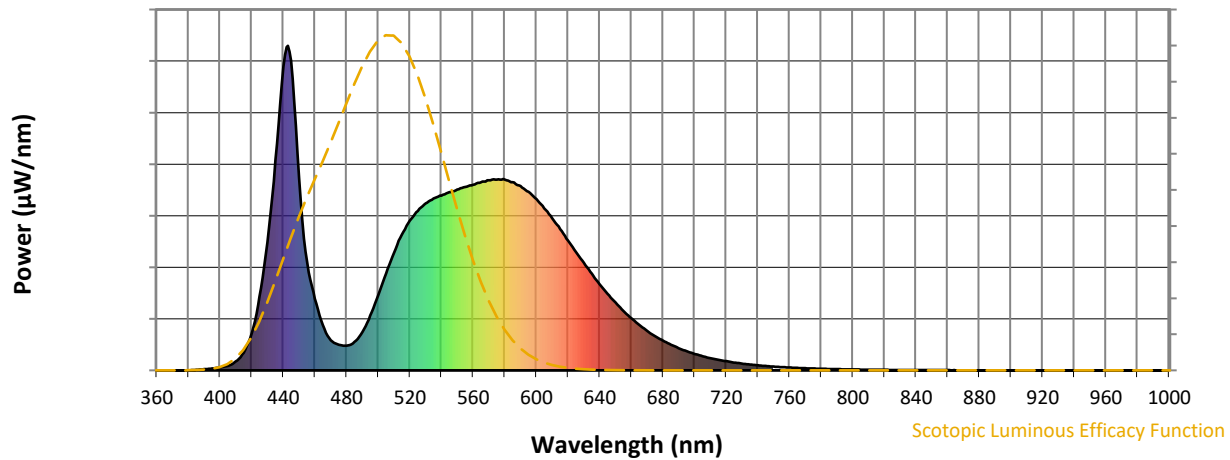


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



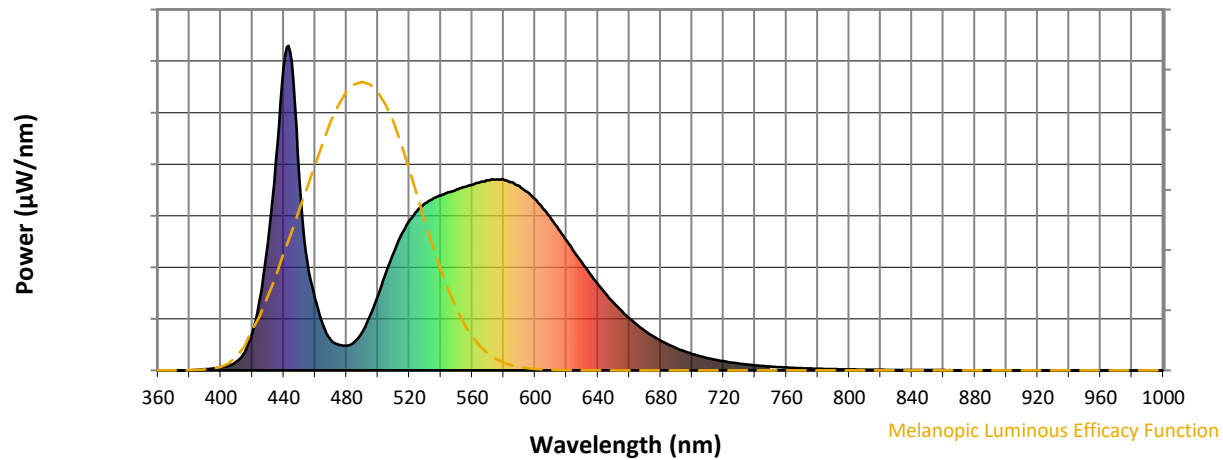
Scotopic Lumens: NR

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

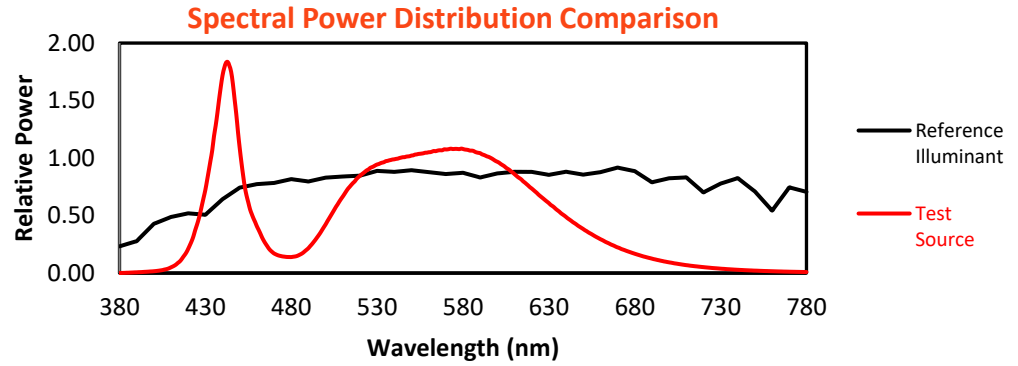
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	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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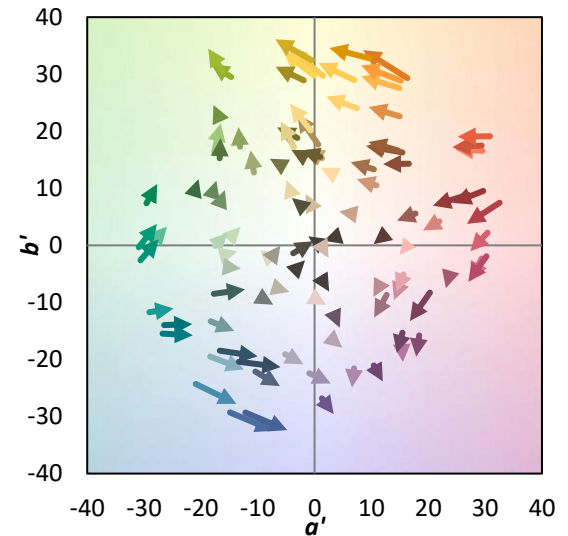
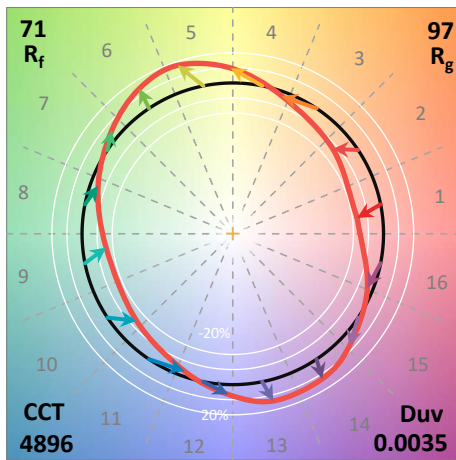
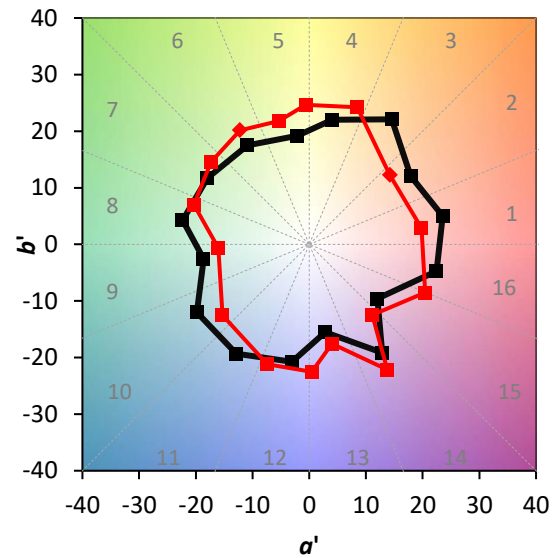
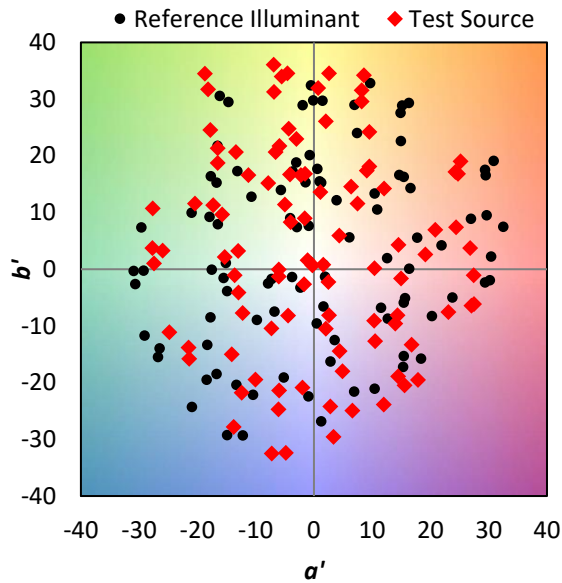
TM-30-18

Summary

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

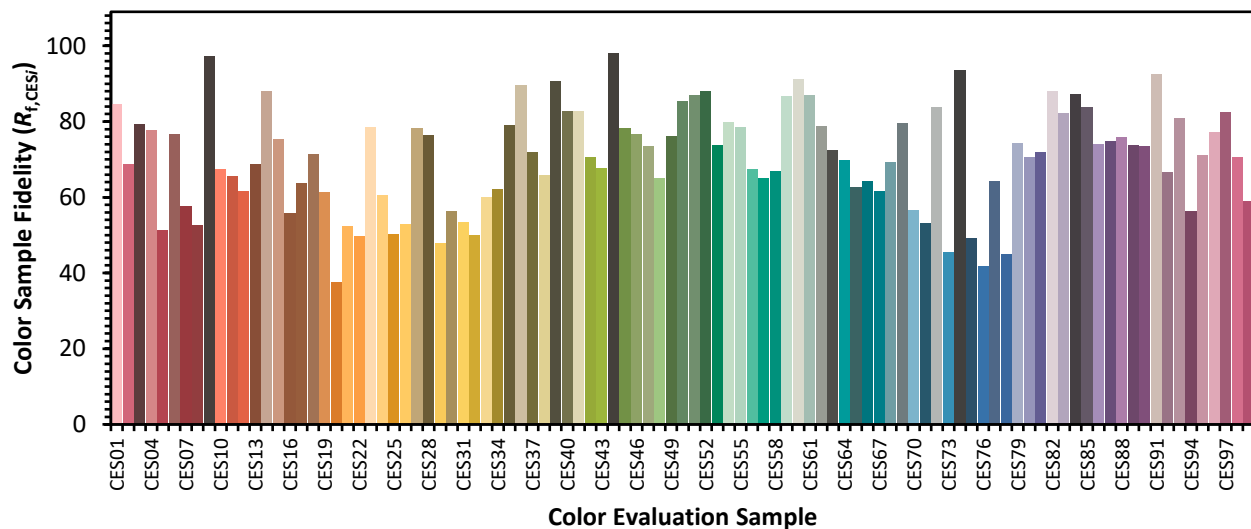


Color Vector Graphics

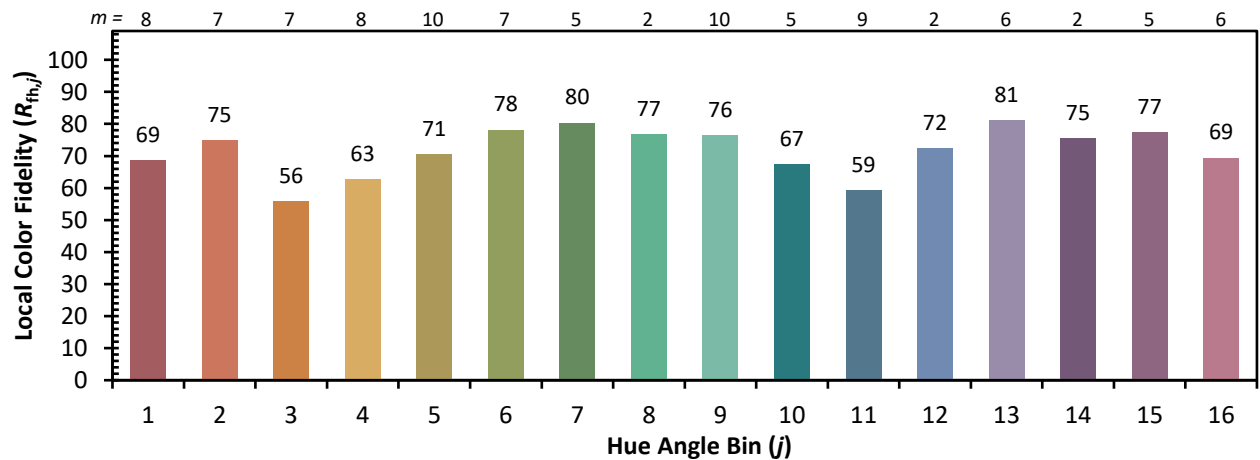
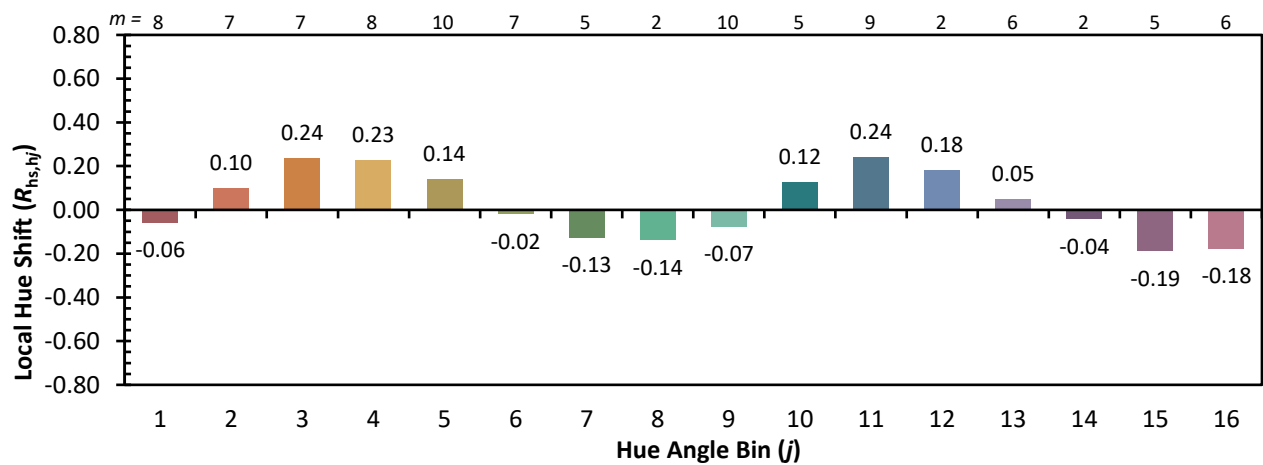
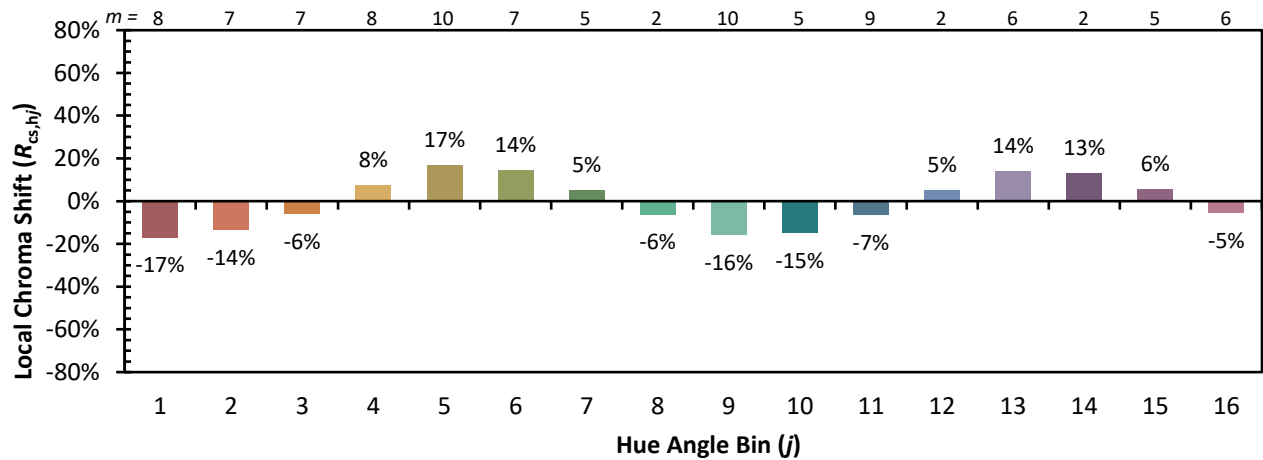


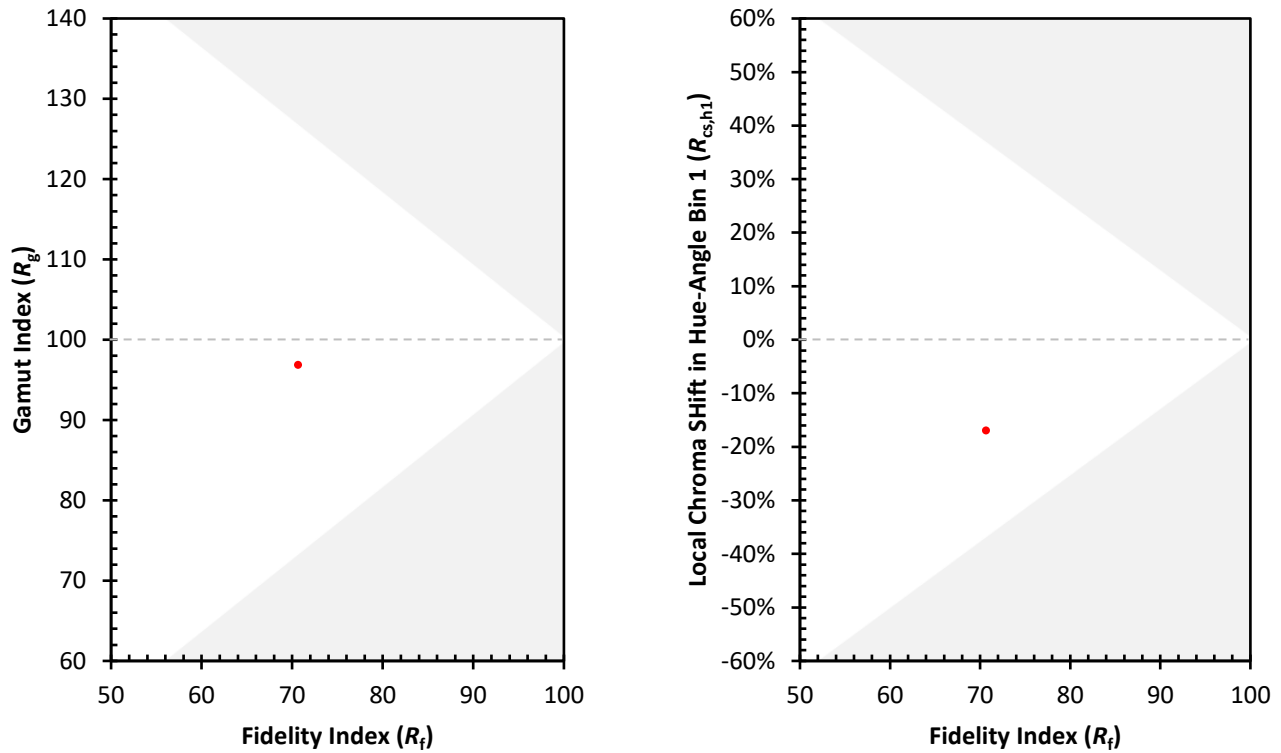
Individual Sample Fidelity Index ($R_{f,i}$)

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)