

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: P1047209

Luminaire Tested: **GALN-SA5A-750-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047209
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-750-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18732.6 lumens
Efficiency: N/A
Efficacy: 137.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 136.6
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

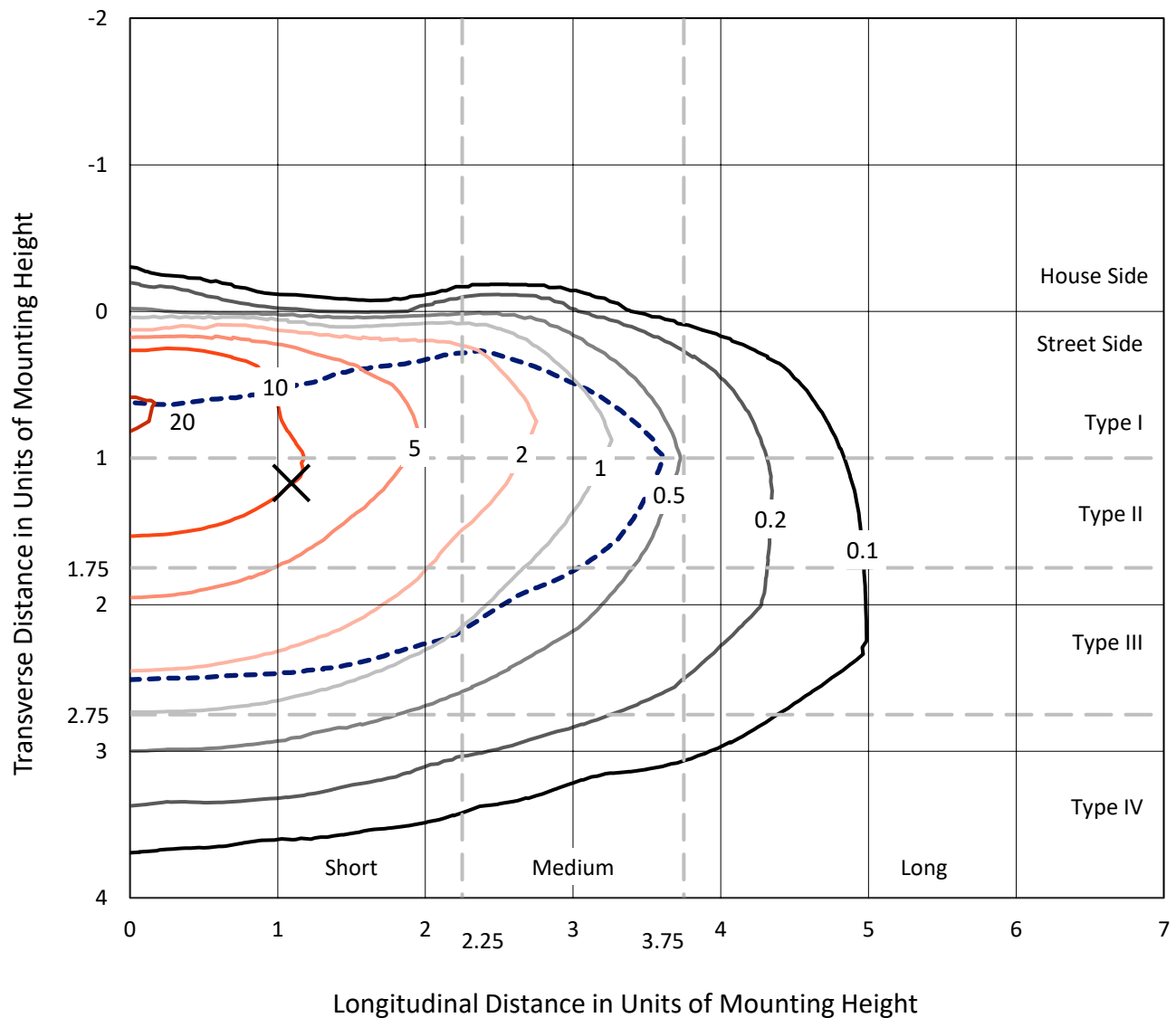


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CATALOG NUMBER: GALN-SA5A-750-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

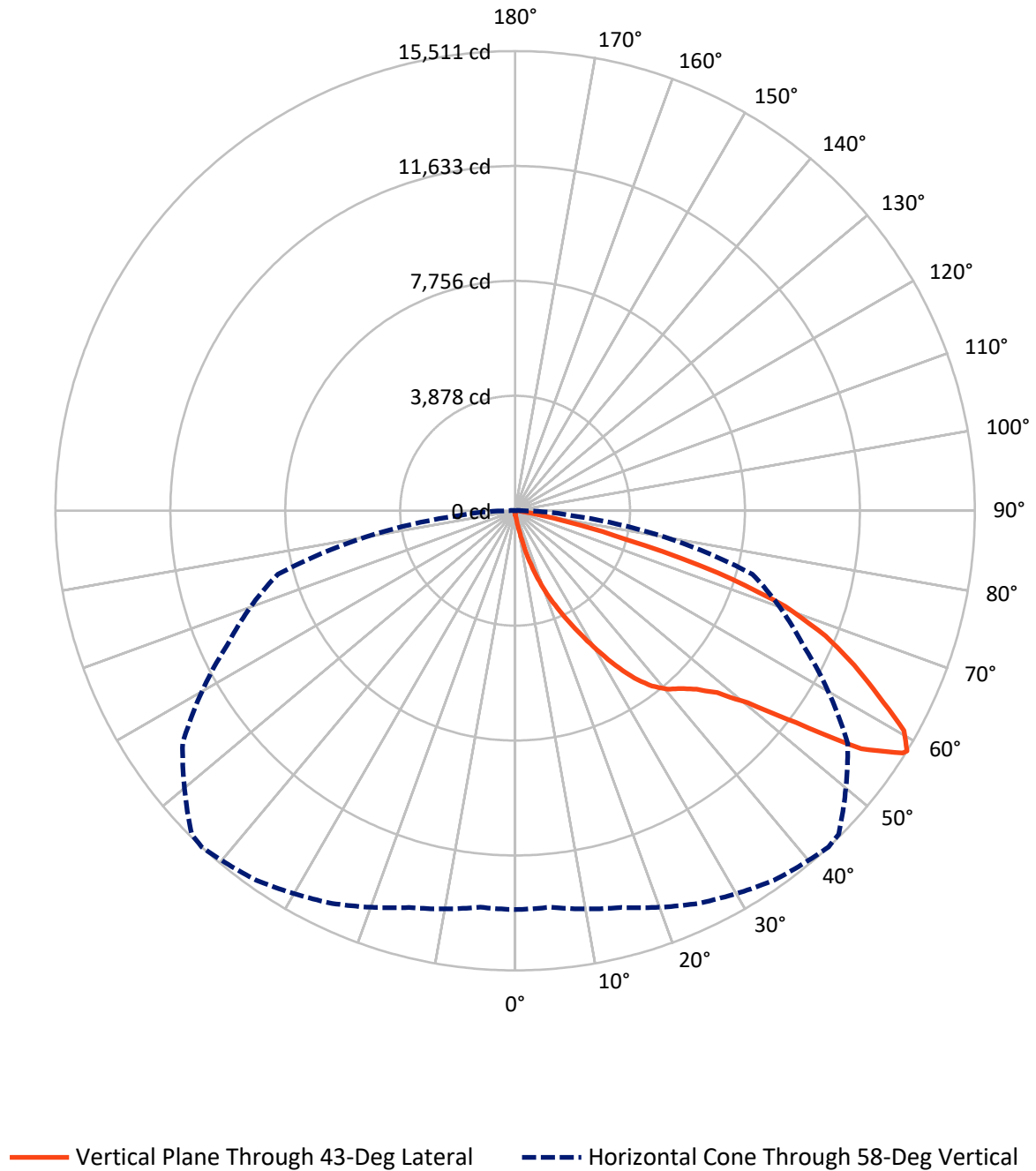


Based on 15 foot mounting height. Maximum calculated value = 21 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.4	0.0	68.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18664.2	0.0	18664.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	18732.6	0.0	18732.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	0.1
10°-20°	215.3	1.1
20°-30°	776.1	4.1
30°-40°	1775.7	9.5
40°-50°	2995.0	16.0
50°-60°	4942.4	26.4
60°-70°	5523.8	29.5
70°-80°	2280.7	12.2
80°-90°	205.6	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°	18732.6	100.0
0°-180°	18732.6	100.0



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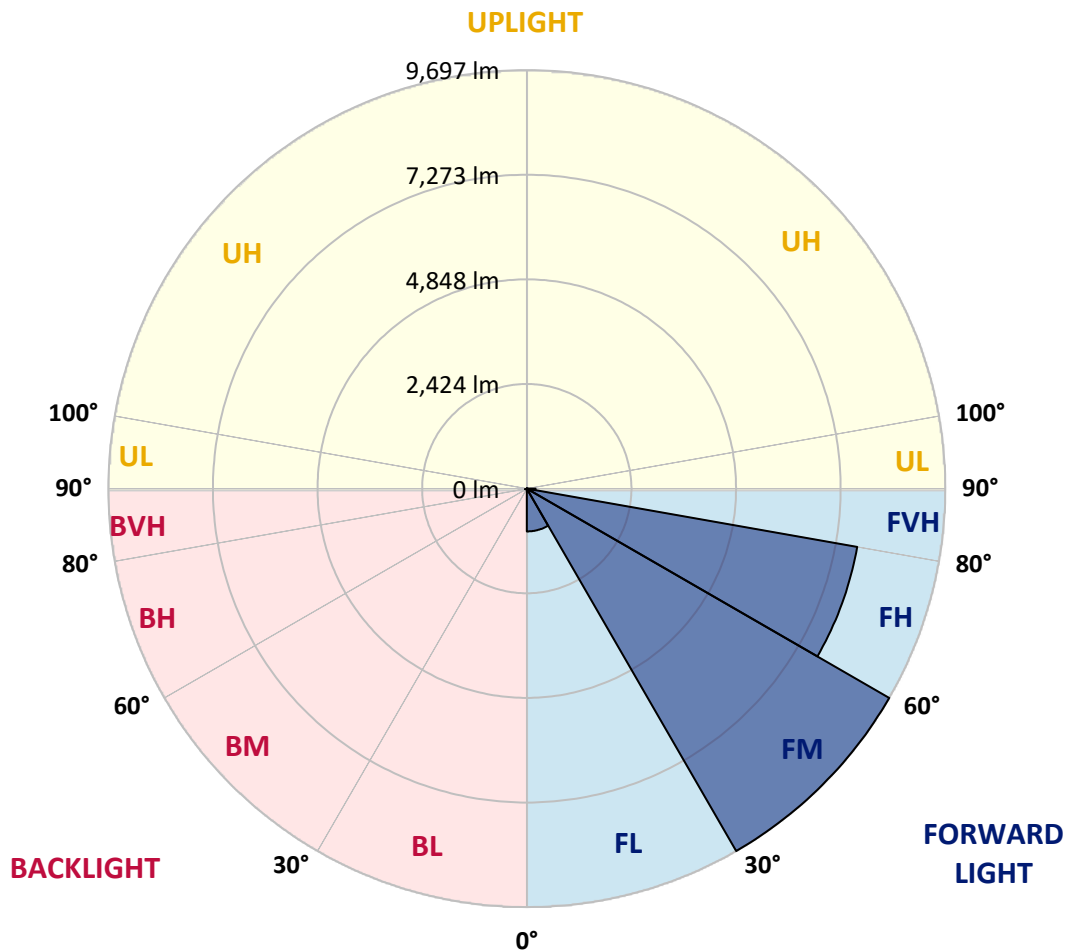
CATALOG NUMBER: GALN-SA5A-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	991.5	5.3			
FM	(30°-60°)	9696.7	51.8			
FH	(60°-80°)	7773.2	41.5			G4/12000
FVH	(80°-90°)	202.8	1.1			G2/225
BL	(0°-30°)	17.8	0.1	B0/110		
BM	(30°-60°)	16.4	0.1	B0/220		
BH	(60°-80°)	31.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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 III Short



REPORT NUMBER: P1047209

CATALOG NUMBER: GALN-SA5A-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
2.5°	147.0	151.9	147.0	147.0	147.0	142.1	142.1	137.2	137.2	132.3	127.4
5°	215.6	215.6	200.9	191.1	181.3	176.4	171.5	161.7	151.9	142.1	132.3
7.5°	480.1	480.1	436.0	377.2	298.9	254.8	245.0	200.9	171.5	151.9	132.3
10°	1146.4	1146.4	1048.5	886.8	685.9	509.5	455.6	289.1	205.8	161.7	137.2
12.5°	1905.8	1930.3	1807.9	1602.1	1303.2	994.6	886.8	529.1	274.4	176.4	137.2
15°	2586.9	2528.1	2493.8	2297.8	2013.6	1646.2	1509.0	891.7	396.8	200.9	137.2
17.5°	3047.4	3047.4	2998.4	2866.1	2606.4	2283.1	2170.4	1440.4	641.8	230.3	142.1
20°	3586.3	3586.3	3498.1	3405.0	3174.8	2900.4	2792.6	2047.9	994.6	294.0	142.1
22.5°	4237.9	4247.7	4149.7	3983.2	3762.7	3458.9	3365.8	2611.3	1440.4	391.9	147.0
25°	5031.6	5041.4	4899.3	4742.6	4404.5	4076.3	3934.2	3258.1	1984.2	548.7	147.0
27.5°	5908.6	5977.2	5766.5	5497.1	5139.4	4727.9	4620.1	3841.1	2523.2	774.1	156.8
30°	7001.2	7001.2	6721.9	6344.6	5957.6	5448.1	5310.9	4453.5	3096.4	1073.0	166.6
32.5°	7941.8	7868.3	7510.7	7113.8	6702.3	6227.1	6080.1	5095.3	3684.3	1445.3	186.2
35°	8662.0	8598.3	8157.4	7731.2	7373.5	6937.5	6761.1	5791.0	4306.5	1866.6	215.6
37.5°	9279.4	9254.9	8657.1	8123.1	7887.9	7505.8	7349.0	6447.5	4918.9	2322.3	249.9
40°	9955.5	9877.1	9240.2	8578.7	8226.0	7917.3	7775.3	6976.7	5506.9	2856.3	298.9
42.5°	10533.6	10440.5	9867.3	9220.6	8617.9	8201.5	8064.3	7422.5	6080.1	3390.3	362.6
45°	11175.4	11126.4	10548.3	10058.3	9254.9	8588.5	8407.3	7780.2	6604.3	4027.3	445.8
47.5°	12140.6	12052.4	11513.5	11111.7	10180.8	9176.5	8916.8	8147.6	7108.9	4654.4	573.2
50°	13262.5	13203.7	12885.3	12566.8	11640.8	10180.8	9872.2	8676.7	7672.4	5399.1	739.8
52.5°	14178.7	14168.9	14208.1	14213.0	13512.4	11871.1	11410.6	9529.2	8319.1	6134.0	975.0
55°	14159.1	14203.2	14634.3	15129.2	15183.1	14178.7	13732.9	10964.7	9161.8	7040.4	1303.2
57.5°	13630.0	13595.7	14051.3	14796.0	15320.2	15428.0	15354.5	13193.9	10430.7	8132.9	1807.9
58°	13458.5	13429.1	13860.2	14619.6	15222.3	15511.3	15437.8	13698.6	10714.9	8289.7	1945.0
60°	12836.3	12841.2	13095.9	13786.7	14389.4	15075.3	15143.9	15139.0	12130.8	9338.1	2635.8
62.5°	12013.2	11974.0	12209.2	12772.6	13301.7	13762.2	13879.8	15237.0	14203.2	10670.8	3953.8
65°	10876.5	10817.7	11067.6	11704.5	12272.8	12571.7	12576.6	13923.9	15178.2	12101.4	5835.1
67.5°	8764.9	8715.9	9215.7	10033.9	10910.8	11302.8	11479.2	12081.8	14355.1	13071.4	6913.0
70°	5369.7	5472.6	6168.3	7451.9	8951.1	9671.3	9935.9	10122.0	12223.9	12924.5	5781.2
72.5°	2479.1	2356.6	2949.4	3846.0	5555.9	7157.9	7432.3	8162.3	9690.9	11219.5	4311.4
75°	1156.2	1112.2	1249.3	1680.5	2518.3	3865.6	4365.3	6516.1	7432.3	7804.7	3111.1
77.5°	592.8	597.7	710.4	764.3	1038.7	1788.3	2052.8	4286.9	5448.1	4355.5	2087.1
80°	259.7	269.5	274.4	298.9	421.3	690.8	779.0	1989.1	3723.5	2219.4	1141.5
82.5°	166.6	171.5	171.5	171.5	200.9	274.4	313.6	798.6	1856.9	1102.4	352.8
85°	88.2	88.2	98.0	122.5	142.1	166.6	176.4	254.8	612.4	328.3	83.3
87.5°	49.0	53.9	58.8	73.5	93.1	112.7	122.5	176.4	235.2	225.4	19.6
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-SA5A-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
2.5°	127.4	122.5	117.6	112.7	107.8	102.9	102.9	102.9	102.9	102.9	102.9
5°	122.5	117.6	112.7	102.9	93.1	88.2	83.3	78.4	78.4	78.4	78.4
7.5°	122.5	117.6	102.9	93.1	83.3	73.5	63.7	63.7	63.7	63.7	63.7
10°	122.5	112.7	98.0	83.3	68.6	58.8	53.9	49.0	49.0	49.0	49.0
12.5°	122.5	107.8	93.1	73.5	58.8	49.0	44.1	39.2	39.2	39.2	39.2
15°	122.5	107.8	88.2	68.6	53.9	39.2	34.3	29.4	29.4	29.4	29.4
17.5°	117.6	102.9	83.3	58.8	44.1	29.4	24.5	19.6	19.6	24.5	24.5
20°	112.7	98.0	73.5	49.0	34.3	24.5	14.7	14.7	14.7	14.7	14.7
22.5°	112.7	98.0	68.6	44.1	29.4	14.7	9.8	9.8	9.8	9.8	14.7
25°	112.7	93.1	58.8	34.3	19.6	9.8	4.9	4.9	4.9	4.9	4.9
27.5°	112.7	93.1	53.9	29.4	14.7	9.8	4.9	0.0	0.0	0.0	0.0
30°	107.8	88.2	49.0	24.5	9.8	4.9	0.0	0.0	0.0	0.0	0.0
32.5°	107.8	83.3	39.2	19.6	9.8	4.9	0.0	0.0	0.0	0.0	0.0
35°	112.7	78.4	34.3	14.7	4.9	0.0	0.0	0.0	0.0	0.0	4.9
37.5°	117.6	73.5	29.4	9.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	122.5	68.6	29.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	132.3	68.6	24.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	142.1	68.6	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	161.7	73.5	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	176.4	78.4	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	196.0	73.5	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	220.5	73.5	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	240.1	68.6	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	249.9	63.7	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	298.9	58.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	465.4	49.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	945.6	44.1	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1763.8	39.2	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1974.4	44.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1244.4	34.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	656.5	34.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	328.3	34.3	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	151.9	24.5	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	63.7	14.7	9.8	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.4	14.7	9.8	9.8	4.9	4.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	14.7	14.7	9.8	9.8	4.9	4.9	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

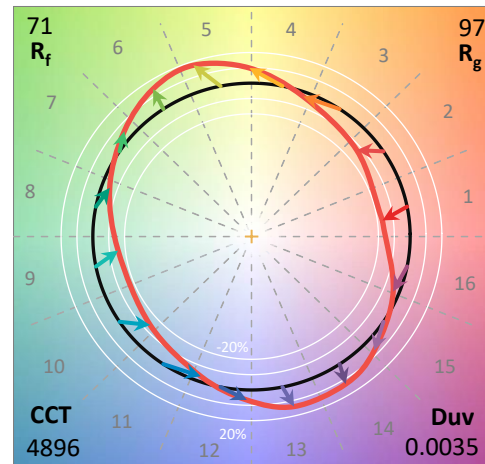
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

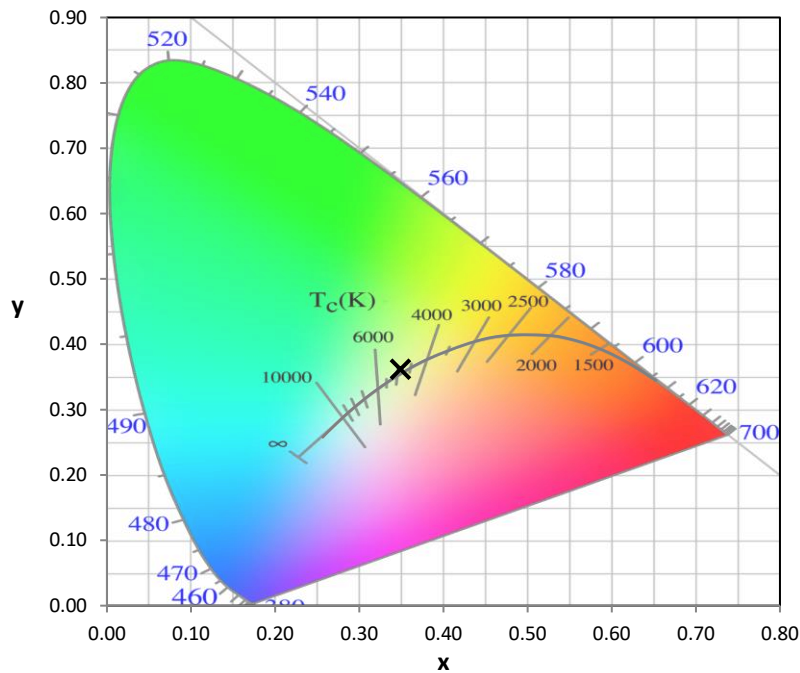
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

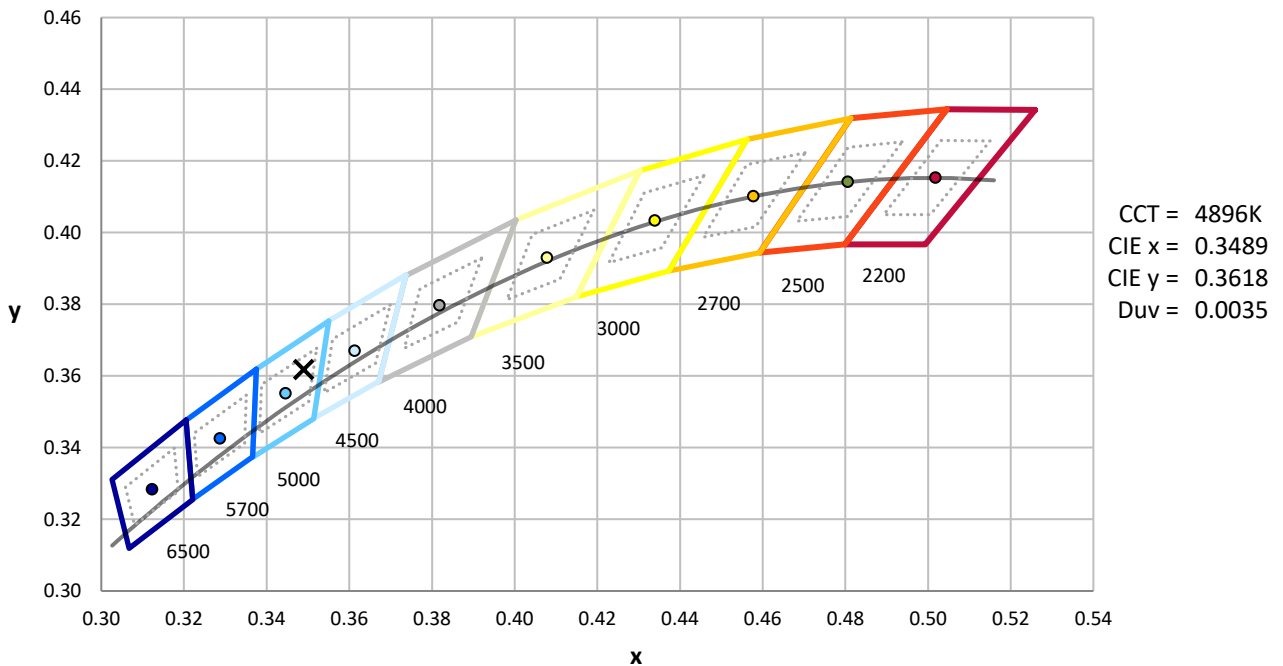
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



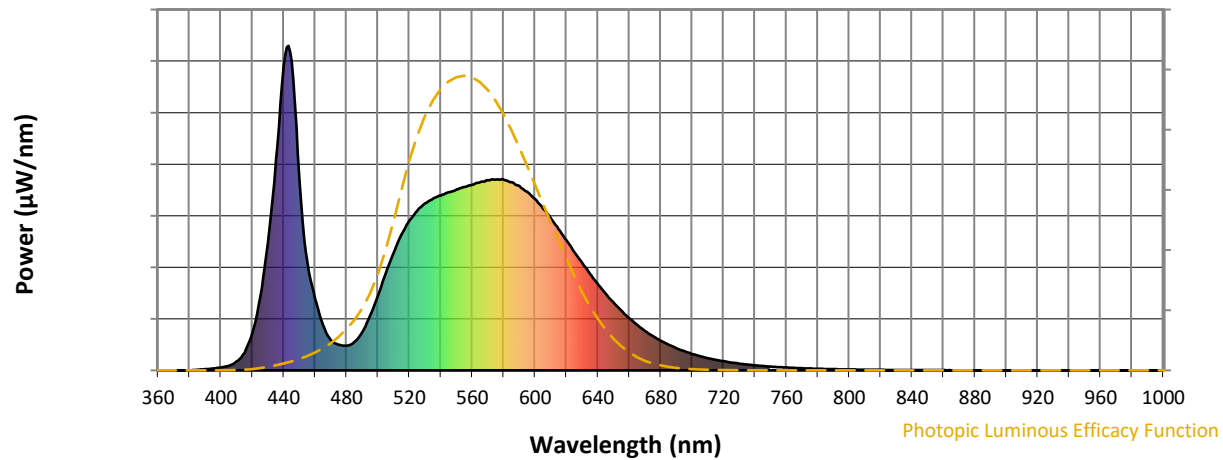
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

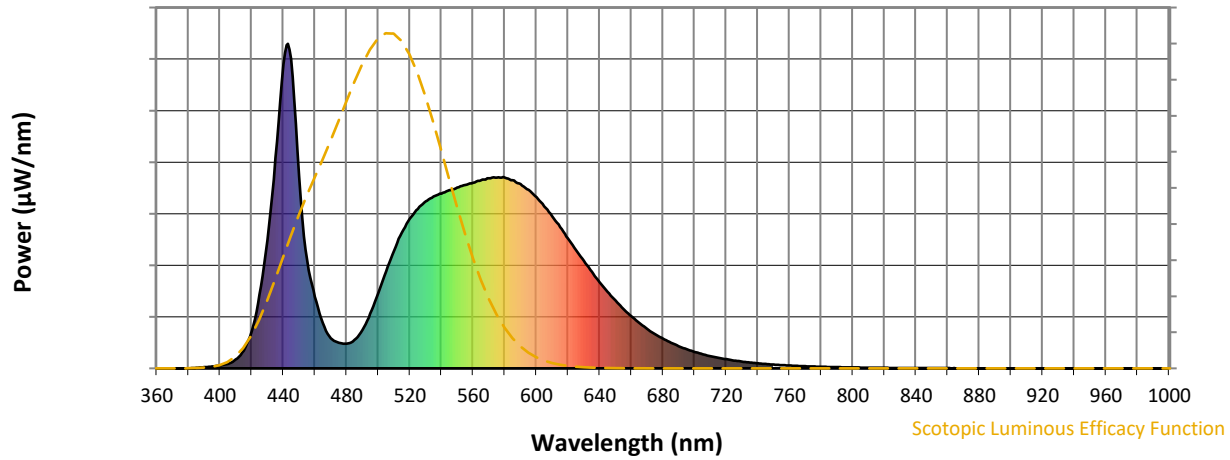


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



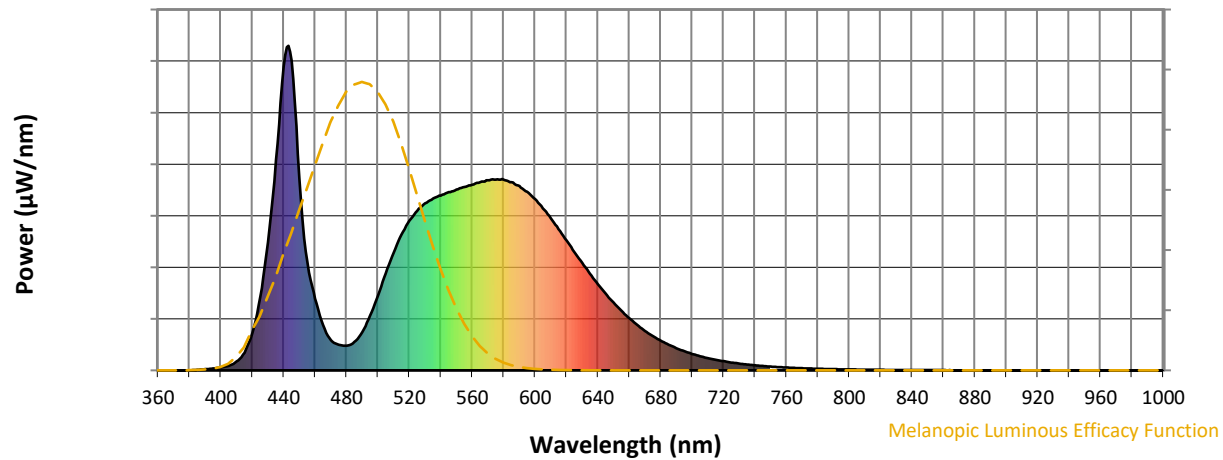
Scotopic Lumens: NR

S/P: 1.7

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

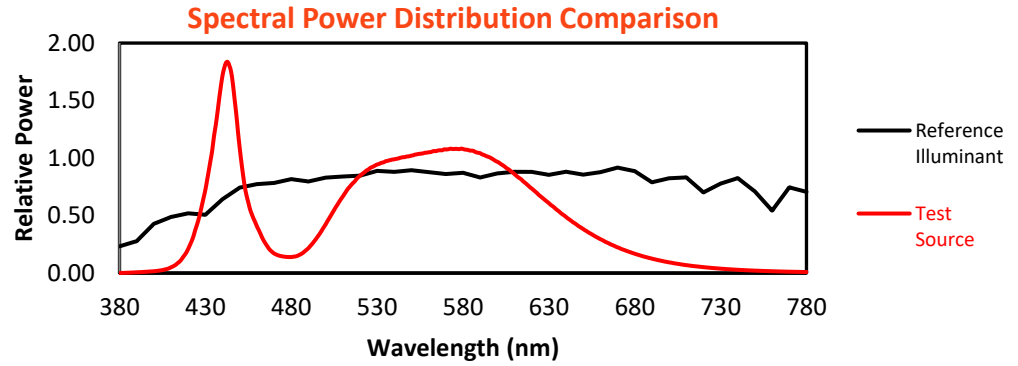
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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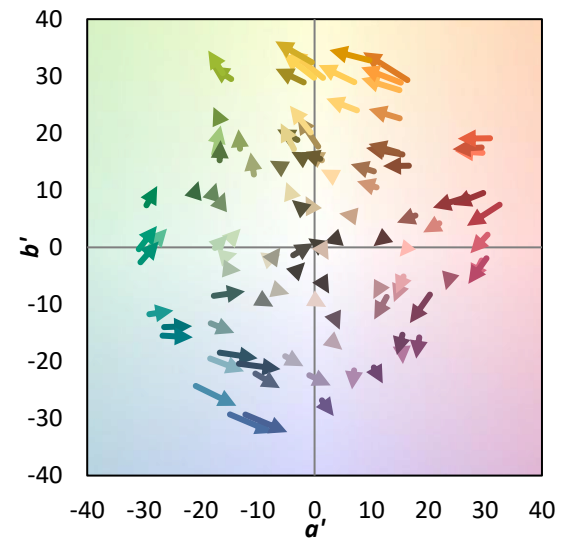
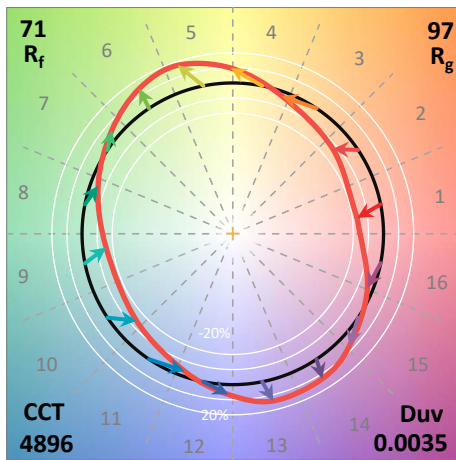
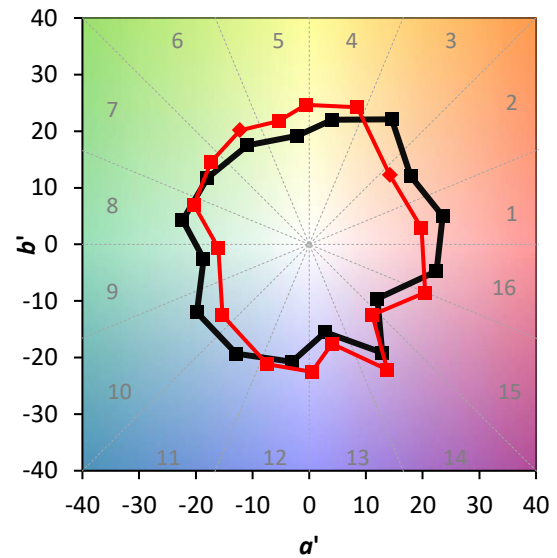
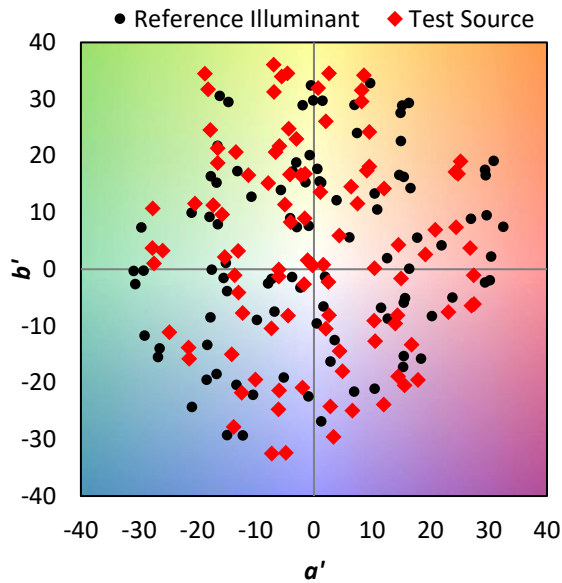
TM-30-18

Summary

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

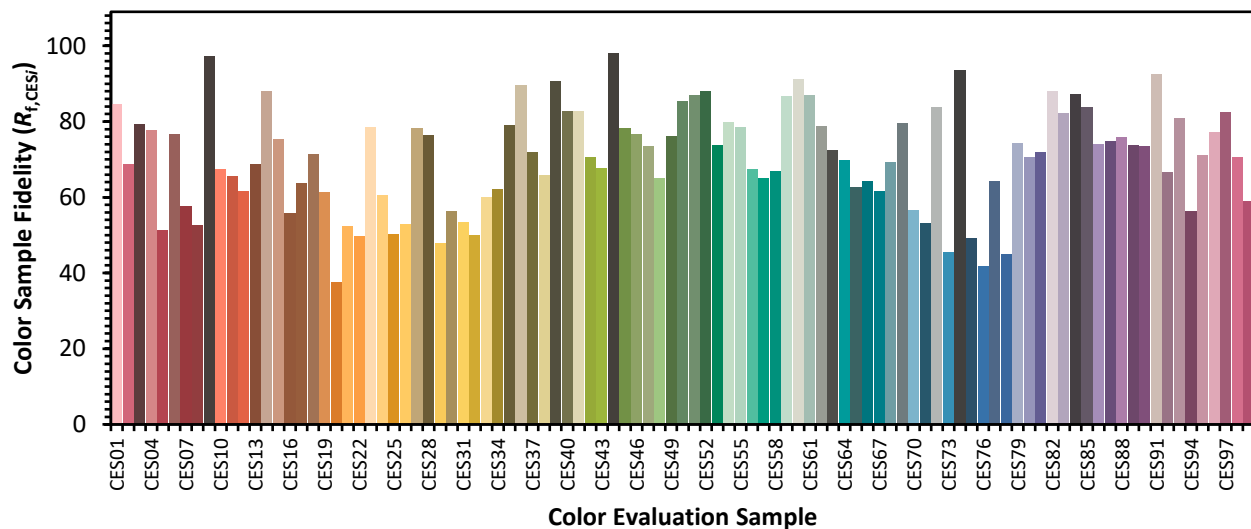


Color Vector Graphics

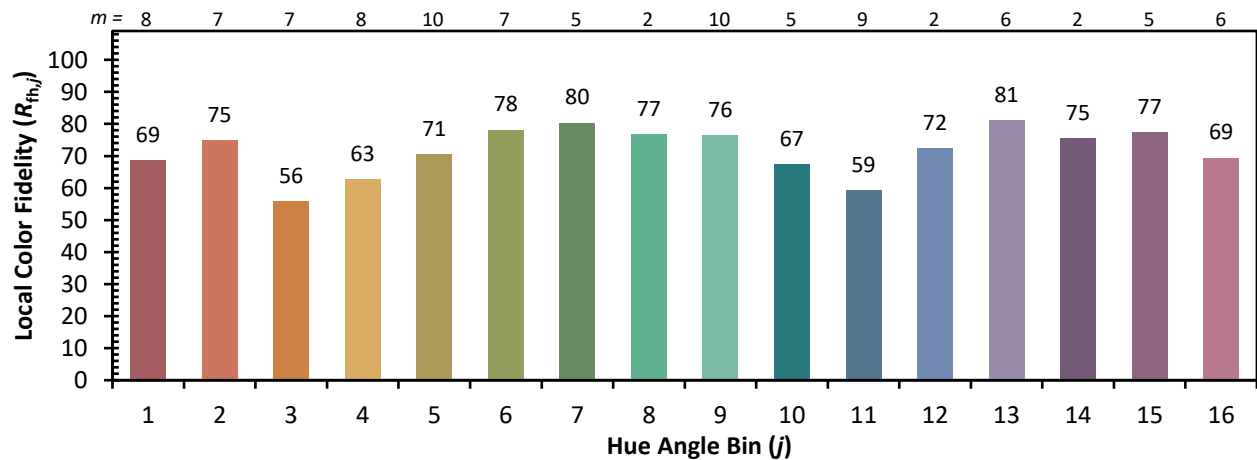
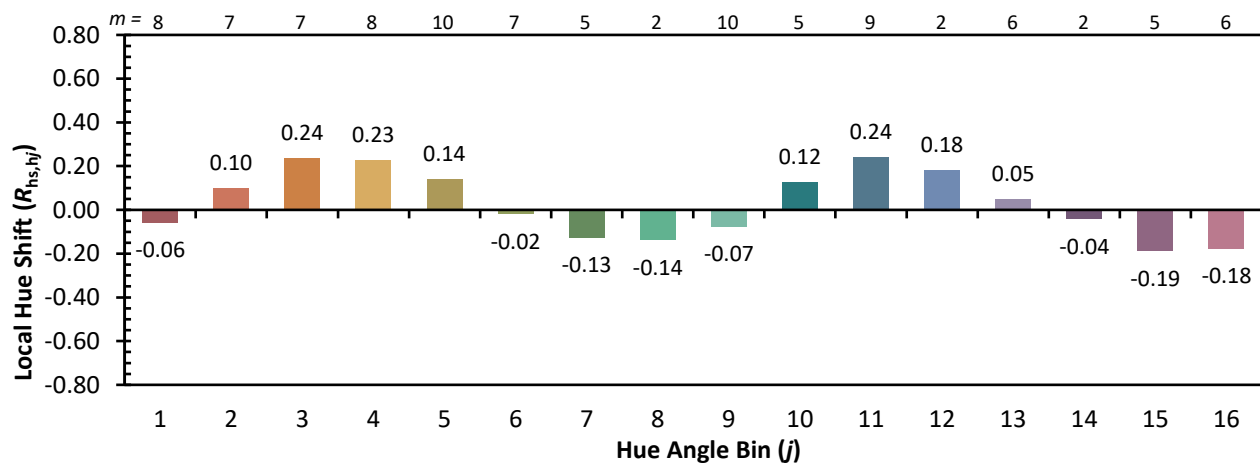
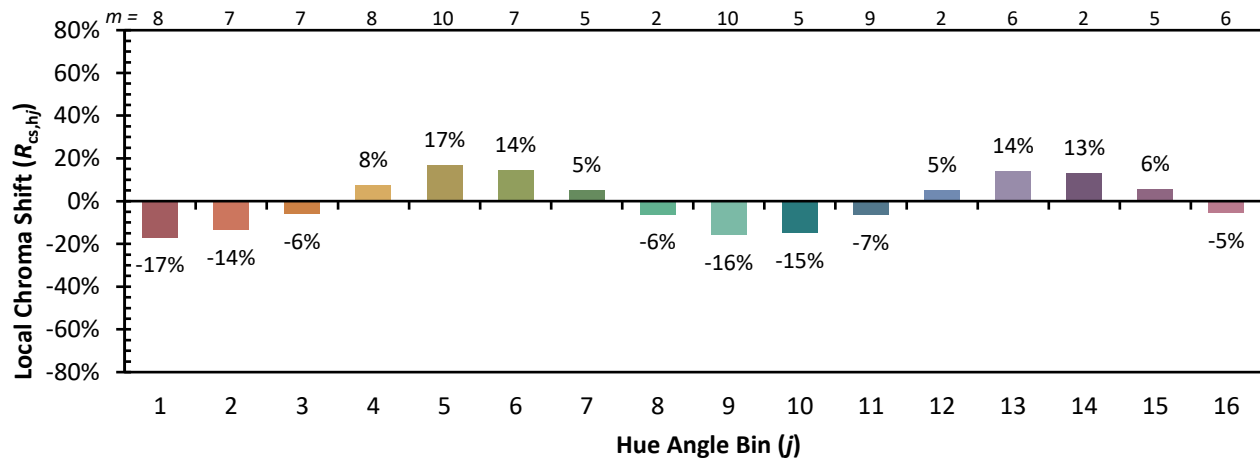


Individual Sample Fidelity Index ($R_{f,i}$)

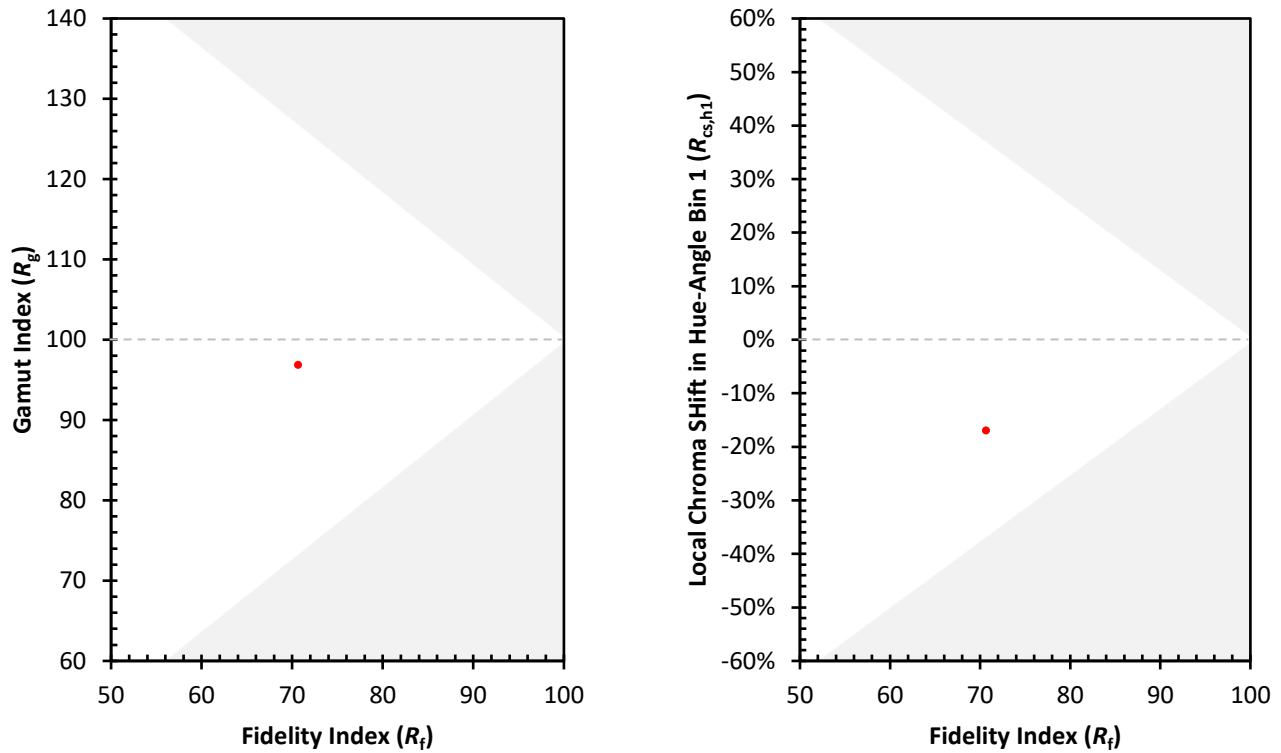
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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