

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: P1047858

Luminaire Tested: **GALN-SA5B-760-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047858
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22318.8 lumens
Efficiency: N/A
Efficacy: 124.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 178.8
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

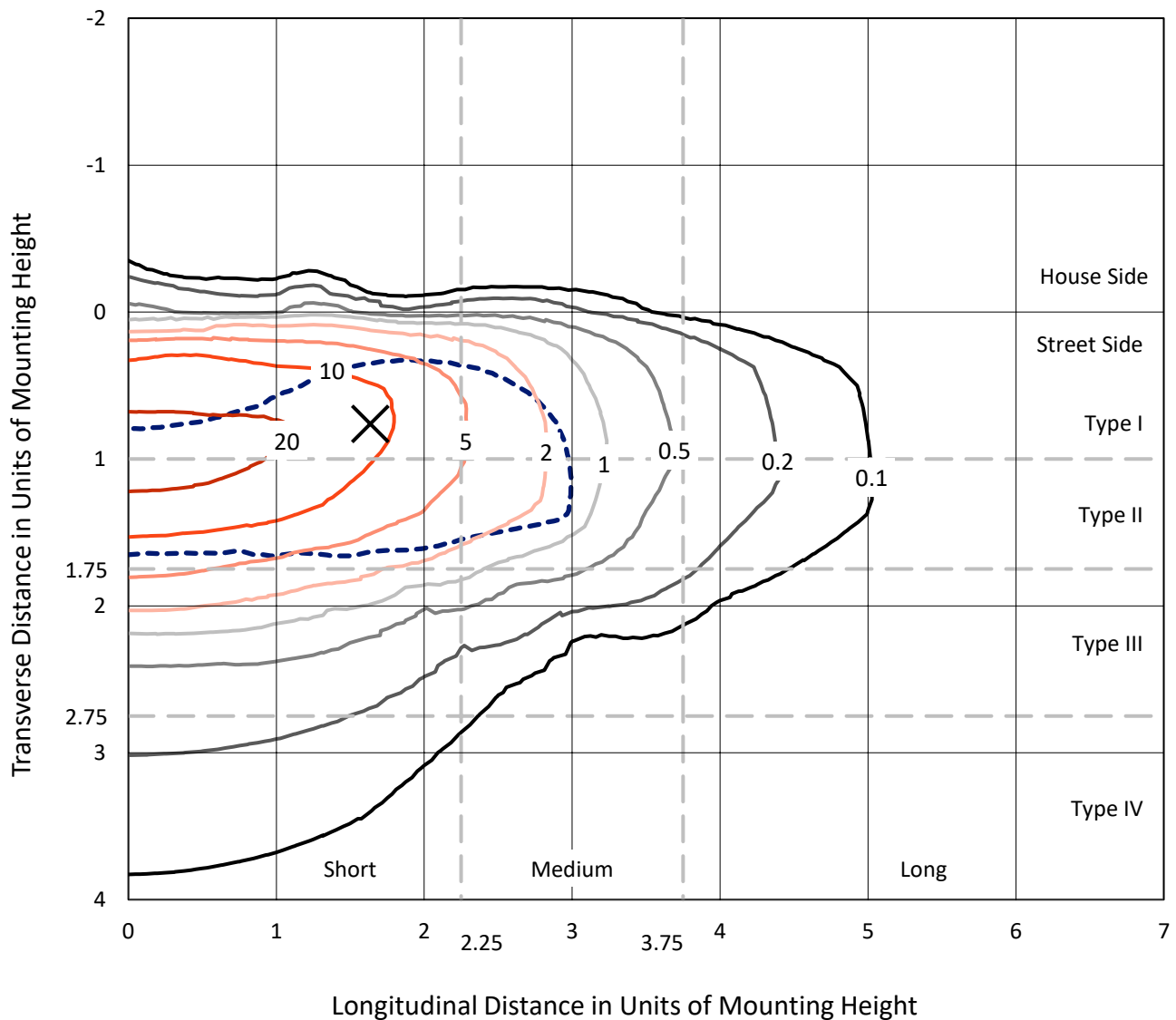


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CATALOG NUMBER: GALN-SA5B-760-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

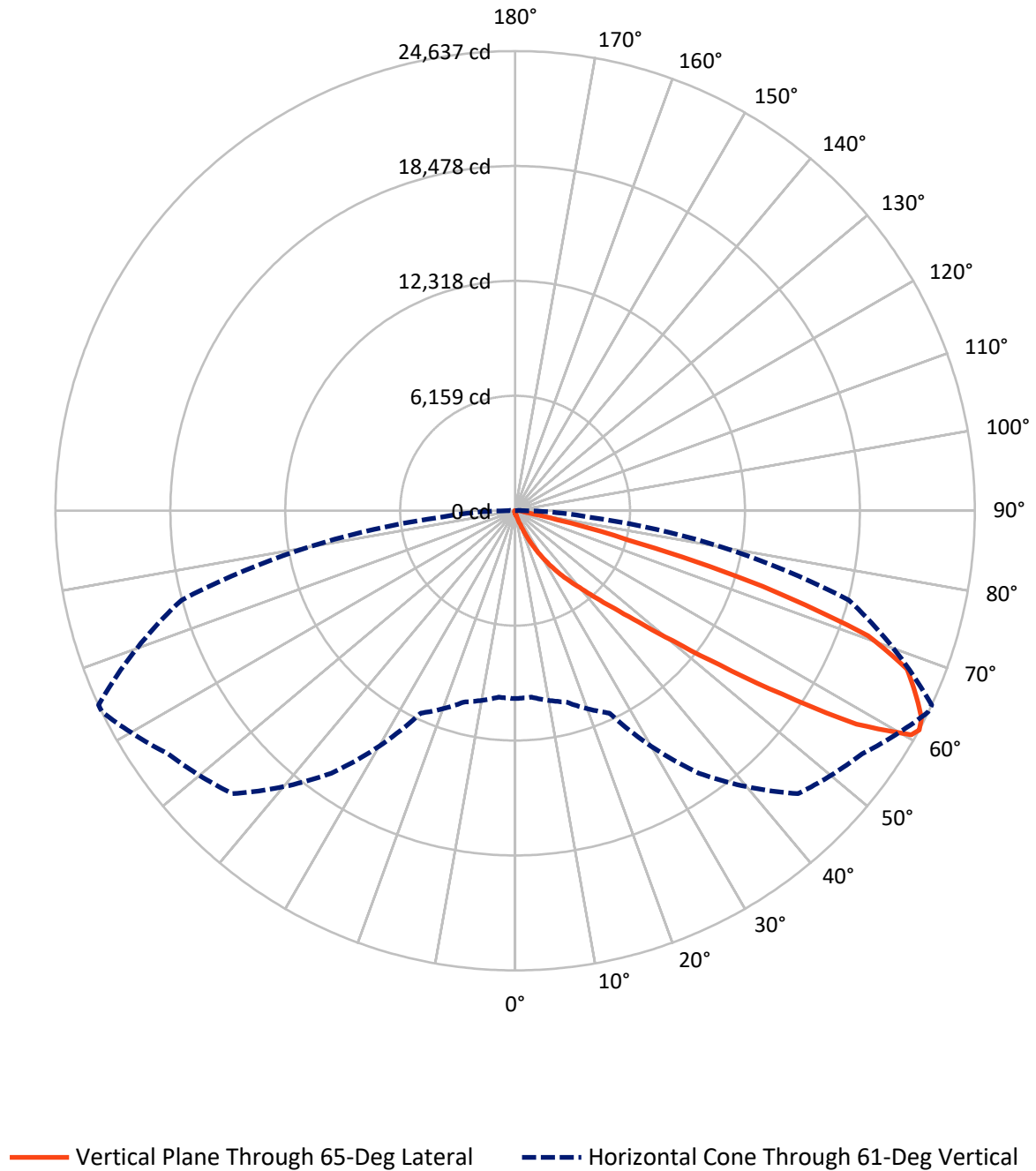


Based on 15 foot mounting height. Maximum calculated value = 29.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	95.3	0.0	95.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22223.5	0.0	22223.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	22318.8	0.0	22318.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.4	0.1
10°-20°	183.5	0.8
20°-30°	658.7	3.0
30°-40°	1753.6	7.9
40°-50°	4606.7	20.6
50°-60°	7136.7	32.0
60°-70°	5984.0	26.8
70°-80°	1761.0	7.9
80°-90°	217.2	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°	22318.8	100.0
0°-180°	22318.8	100.0



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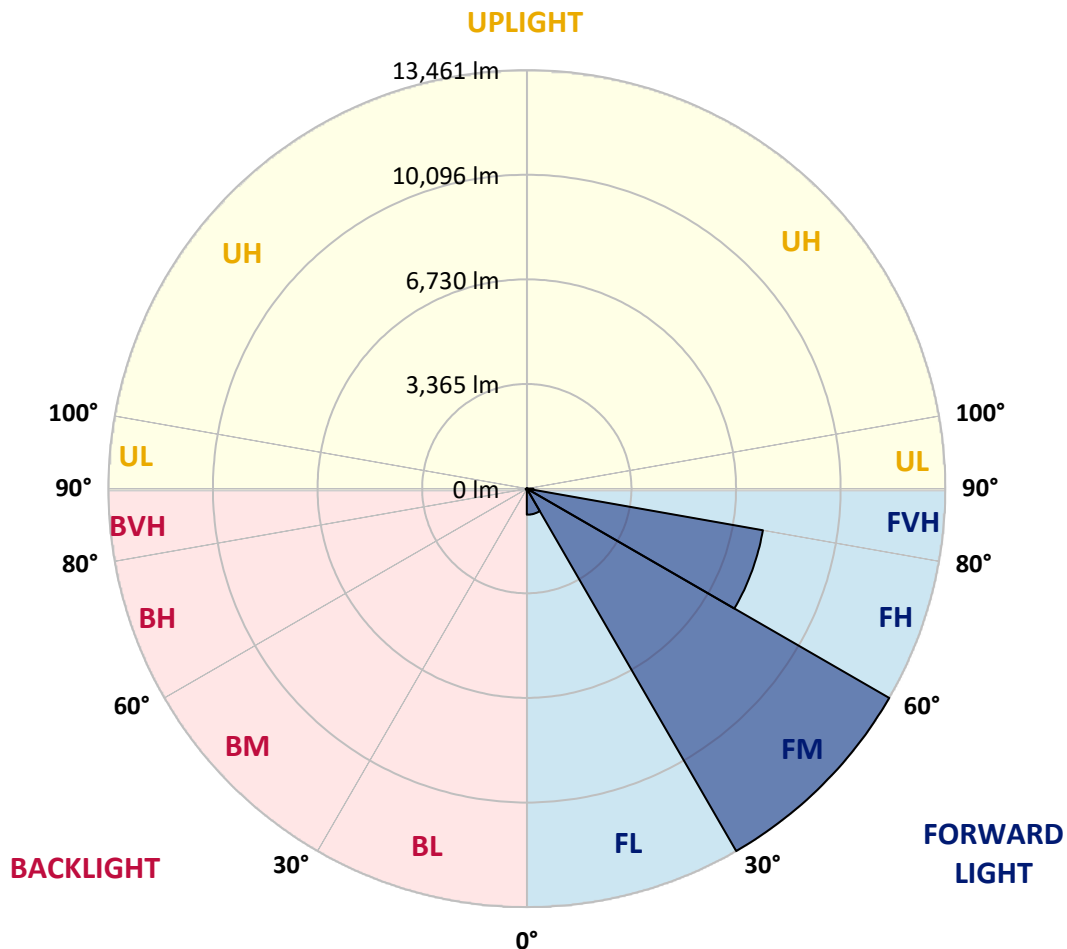
CATALOG NUMBER: GALN-SA5B-760-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	838.2	3.8			
FM	(30°-60°)	13460.8	60.3			
FH	(60°-80°)	7711.4	34.6			G4/12000
FVH	(80°-90°)	213.2	1.0			G2/225
BL	(0°-30°)	21.4	0.1	B0/110		
BM	(30°-60°)	36.3	0.2	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6
2.5°	165.8	167.3	164.3	158.1	153.5	153.5	152.0	147.4	147.4	142.8	139.7
5°	231.8	228.8	222.6	210.3	199.6	188.8	178.1	167.3	165.8	152.0	142.8
7.5°	379.2	382.3	362.3	323.9	291.7	250.3	211.9	188.8	185.8	162.7	144.3
10°	832.1	809.1	763.0	614.1	505.1	380.8	282.5	219.5	216.5	175.0	147.4
12.5°	1516.9	1498.4	1414.0	1260.5	979.5	681.7	413.0	271.7	262.5	185.8	148.9
15°	2186.3	2157.1	2111.0	1956.0	1627.4	1222.1	675.5	371.5	347.0	201.1	147.4
17.5°	2613.1	2617.7	2576.2	2510.2	2298.3	1808.6	1166.8	554.2	506.6	228.8	144.3
20°	2986.1	2975.4	2998.4	2963.1	2814.2	2458.0	1698.0	878.2	796.8	273.3	145.9
22.5°	3416.0	3442.1	3459.0	3451.3	3287.1	2983.1	2301.4	1314.2	1211.3	354.7	150.5
25°	3991.8	3988.7	3990.2	3970.3	3810.6	3472.8	2906.3	1856.2	1751.8	486.7	161.2
27.5°	4595.1	4613.6	4621.2	4549.1	4340.3	4008.7	3466.7	2448.8	2326.0	698.6	175.0
30°	5419.6	5404.2	5368.9	5221.5	4968.2	4556.8	4019.4	3070.6	2941.6	994.9	196.5
32.5°	6531.1	6514.2	6336.2	6010.7	5631.5	5127.9	4575.2	3693.9	3537.3	1364.9	225.7
35°	8362.7	8388.8	7951.3	7108.4	6428.3	5814.2	5190.8	4314.2	4176.0	1820.9	265.6
37.5°	11167.7	11024.9	10430.8	8941.5	7476.9	6670.8	5778.8	4940.6	4820.8	2382.8	317.8
40°	13892.9	13751.6	13579.7	12168.7	9299.3	7615.1	6601.8	5676.0	5520.9	3016.9	394.6
42.5°	16757.7	16679.4	16671.7	15607.8	12624.7	9099.7	7592.0	6537.3	6405.2	3712.3	520.5
45°	18787.4	18709.1	18873.4	19059.1	17153.8	12280.8	9316.2	7656.5	7464.6	4556.8	721.6
47.5°	19060.7	19063.7	19502.8	20084.7	20519.2	17201.4	11613.0	9139.6	8906.2	5765.0	1059.4
50°	18151.8	18187.1	18885.6	19926.6	21096.5	21329.8	15663.1	11292.1	10946.6	7197.5	1538.4
52.5°	16421.5	16461.4	17434.8	19146.6	20565.3	22321.6	20431.7	14107.8	13710.2	8984.5	2213.9
55°	14863.2	14887.7	16003.9	18167.1	19925.0	21782.7	23262.8	17867.7	17345.7	11183.1	2880.2
57.5°	13320.2	13263.4	13989.6	16466.0	19816.0	21121.0	23680.4	22152.7	21577.0	13585.8	3399.1
60°	11256.8	11161.6	11745.0	13320.2	18382.1	21555.5	22898.9	24523.2	24392.7	16931.2	3799.9
61°	10070.0	10030.1	10616.6	11967.6	17175.3	21445.0	22711.6	24623.0	24636.8	18514.1	3979.5
62.5°	7191.3	7304.9	8201.5	9957.9	14385.7	20728.0	22736.2	24314.4	24451.1	20617.5	4444.7
65°	3196.5	3379.2	4076.2	5505.6	8365.8	17242.9	22518.1	23637.4	23569.8	21194.7	6047.5
67.5°	1896.1	1923.7	2270.7	3119.7	4430.9	9274.7	19871.3	22742.3	22651.7	18451.2	7524.5
70°	1493.8	1507.7	1618.2	1957.5	2571.6	3552.7	11341.2	19676.3	20070.9	14961.4	7366.3
72.5°	1417.1	1414.0	1429.4	1489.2	1619.7	1762.5	4390.9	13079.2	13882.1	10774.7	6176.5
75°	1398.7	1392.5	1377.2	1354.1	1173.0	1037.9	1360.3	5785.0	6250.2	7361.7	4650.4
77.5°	1357.2	1358.7	1361.8	1298.9	1005.6	733.9	658.6	1856.2	2283.0	4671.9	3305.5
80°	918.1	931.9	955.0	930.4	904.3	531.2	465.2	660.2	669.4	2622.3	2183.2
82.5°	465.2	465.2	454.4	405.3	350.0	345.4	370.0	479.0	485.2	1326.5	1027.1
85°	281.0	296.3	302.5	274.8	251.8	231.8	282.5	380.8	394.6	514.3	239.5
87.5°	62.9	64.5	70.6	93.7	136.6	185.8	262.5	348.5	354.7	330.1	29.2
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-SA5B-760-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6	136.6
2.5°	138.2	135.1	133.6	129.0	124.4	119.8	116.7	115.1	116.7	118.2	118.2
5°	136.6	132.0	124.4	116.7	110.5	104.4	98.3	96.7	96.7	98.3	98.3
7.5°	136.6	129.0	118.2	109.0	99.8	90.6	86.0	82.9	84.4	84.4	84.4
10°	136.6	127.4	113.6	99.8	89.0	78.3	70.6	67.6	67.6	67.6	67.6
12.5°	135.1	125.9	109.0	92.1	76.8	64.5	55.3	50.7	52.2	52.2	52.2
15°	132.0	121.3	102.9	78.3	61.4	49.1	39.9	35.3	36.8	39.9	41.5
17.5°	127.4	116.7	92.1	66.0	49.1	36.8	27.6	24.6	26.1	30.7	30.7
20°	125.9	112.1	81.4	53.7	36.8	26.1	18.4	15.4	16.9	23.0	24.6
22.5°	125.9	109.0	73.7	44.5	27.6	16.9	10.7	6.1	6.1	10.7	10.7
25°	127.4	107.5	67.6	36.8	20.0	12.3	6.1	3.1	6.1	16.9	20.0
27.5°	130.5	105.9	64.5	30.7	15.4	10.7	4.6	10.7	18.4	18.4	18.4
30°	133.6	102.9	59.9	26.1	13.8	7.7	7.7	15.4	15.4	18.4	20.0
32.5°	138.2	101.3	56.8	23.0	10.7	6.1	10.7	9.2	9.2	10.7	12.3
35°	147.4	102.9	53.7	23.0	10.7	7.7	9.2	4.6	3.1	3.1	3.1
37.5°	159.7	104.4	49.1	20.0	9.2	9.2	4.6	0.0	0.0	0.0	0.0
40°	179.6	109.0	46.1	18.4	7.7	7.7	1.5	0.0	0.0	0.0	0.0
42.5°	213.4	118.2	44.5	16.9	7.7	6.1	0.0	0.0	0.0	0.0	0.0
45°	281.0	139.7	41.5	15.4	7.7	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	403.8	190.4	39.9	12.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	589.6	257.9	38.4	10.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	752.3	271.7	26.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	770.7	187.3	20.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	614.1	121.3	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	465.2	92.1	15.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	446.8	82.9	15.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	492.8	72.2	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	801.4	59.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1392.5	52.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1759.4	49.1	9.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1533.8	44.5	9.2	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	922.7	38.4	9.2	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	483.6	29.2	9.2	7.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0
80°	234.9	26.1	10.7	7.7	6.1	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	92.1	21.5	12.3	10.7	7.7	4.6	1.5	0.0	0.0	0.0	0.0
85°	41.5	18.4	13.8	12.3	10.7	6.1	1.5	0.0	0.0	0.0	0.0
87.5°	21.5	16.9	15.4	13.8	10.7	7.7	3.1	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-760-U-5WQ

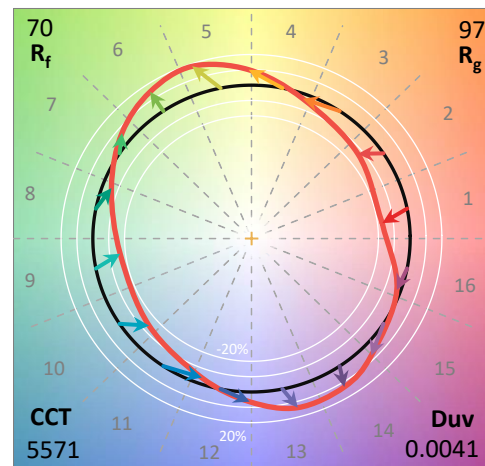
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-70-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

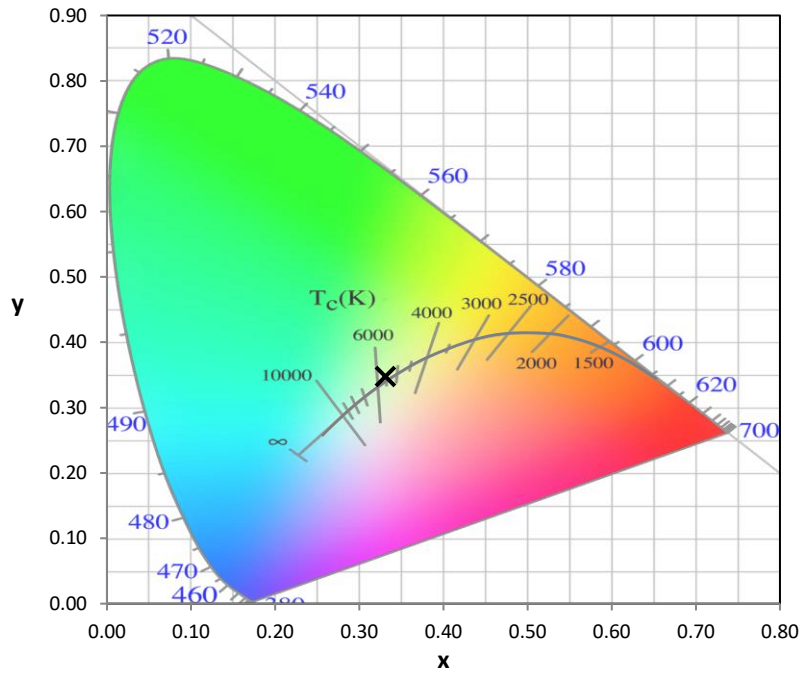
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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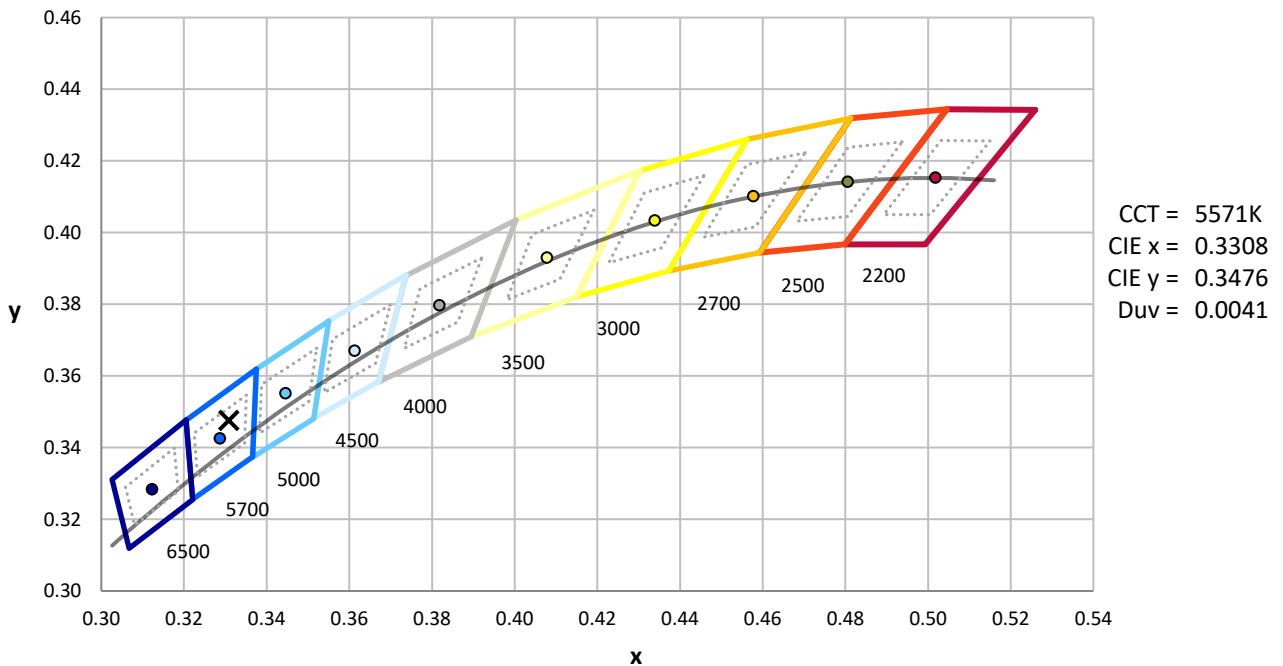
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



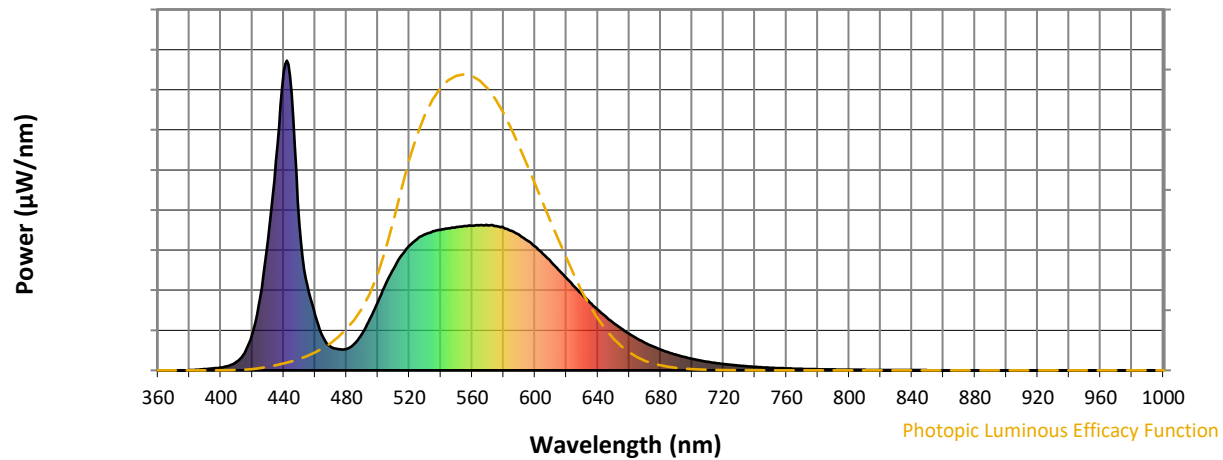
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

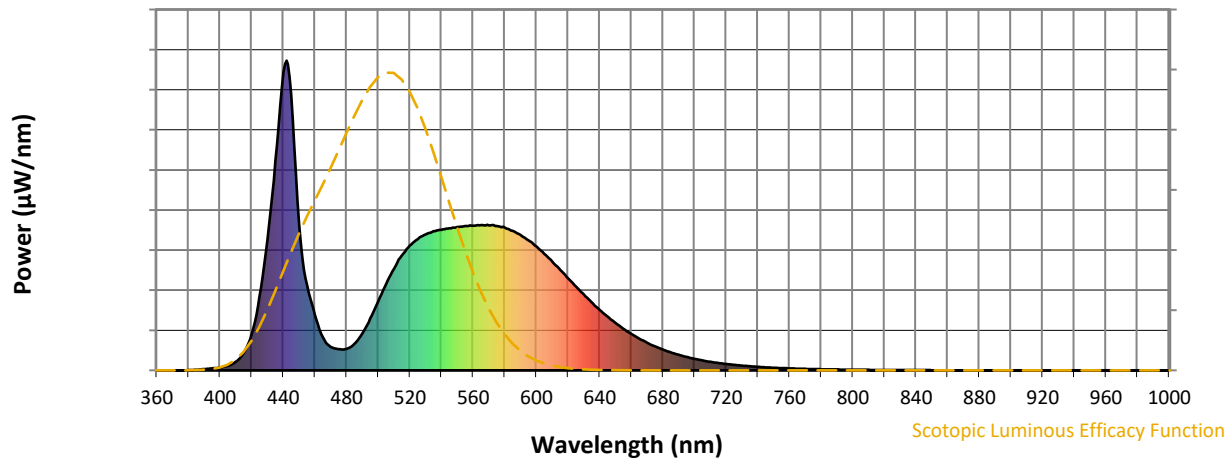


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



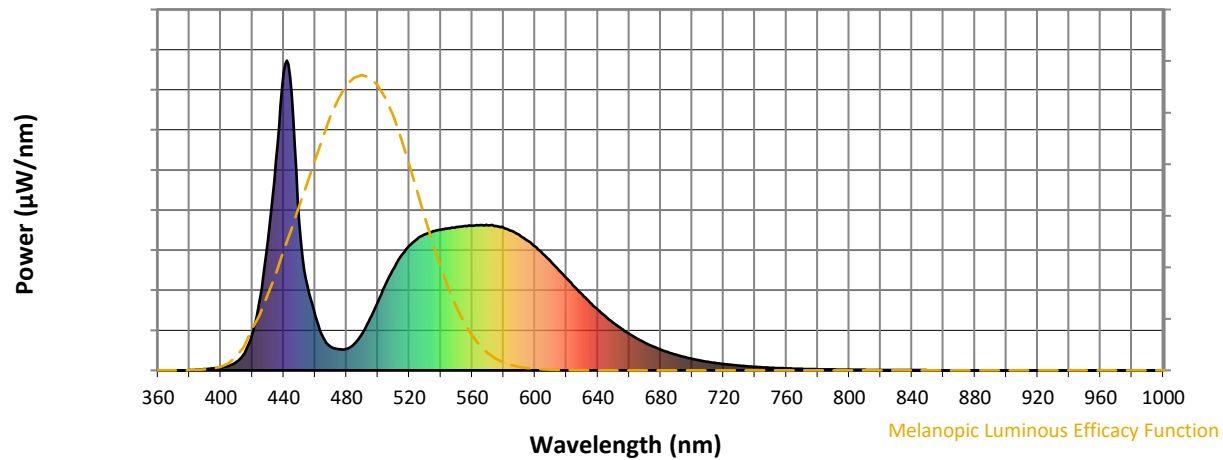
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.71

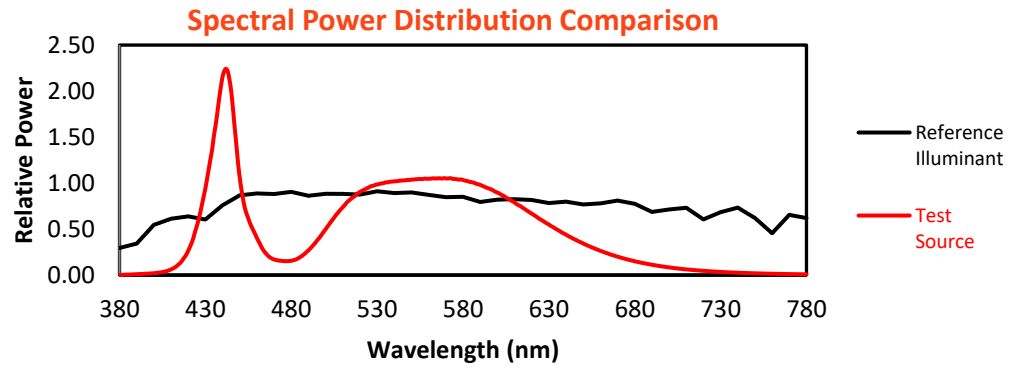
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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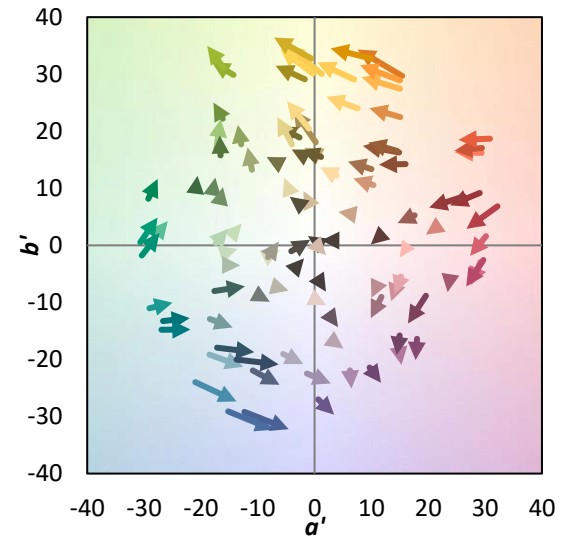
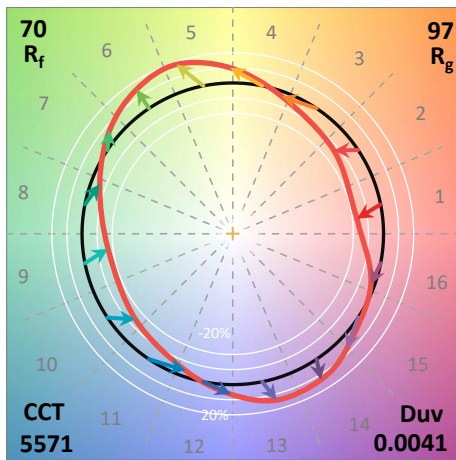
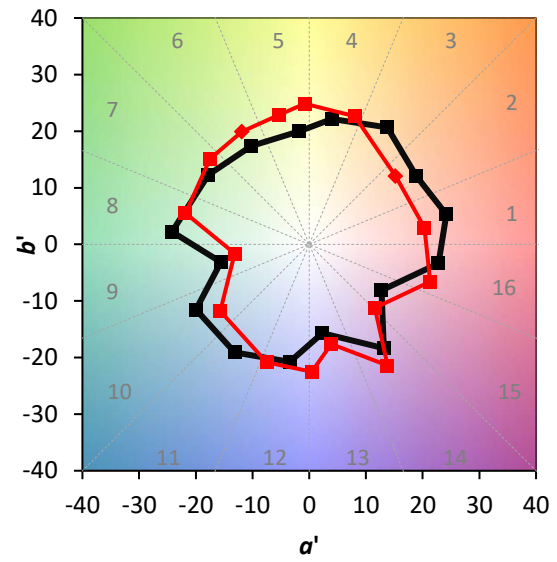
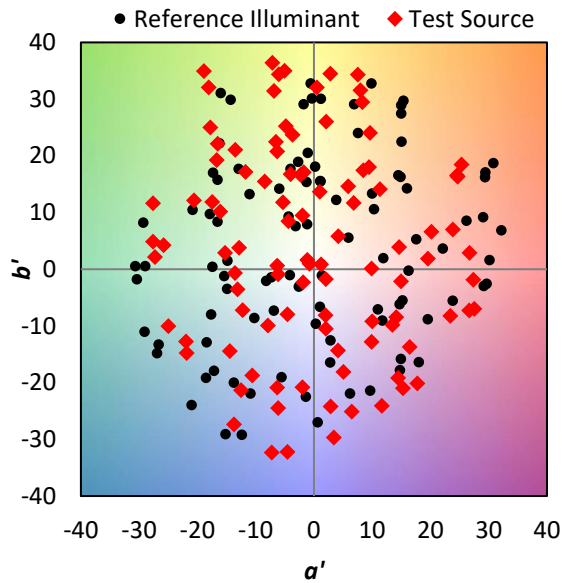
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

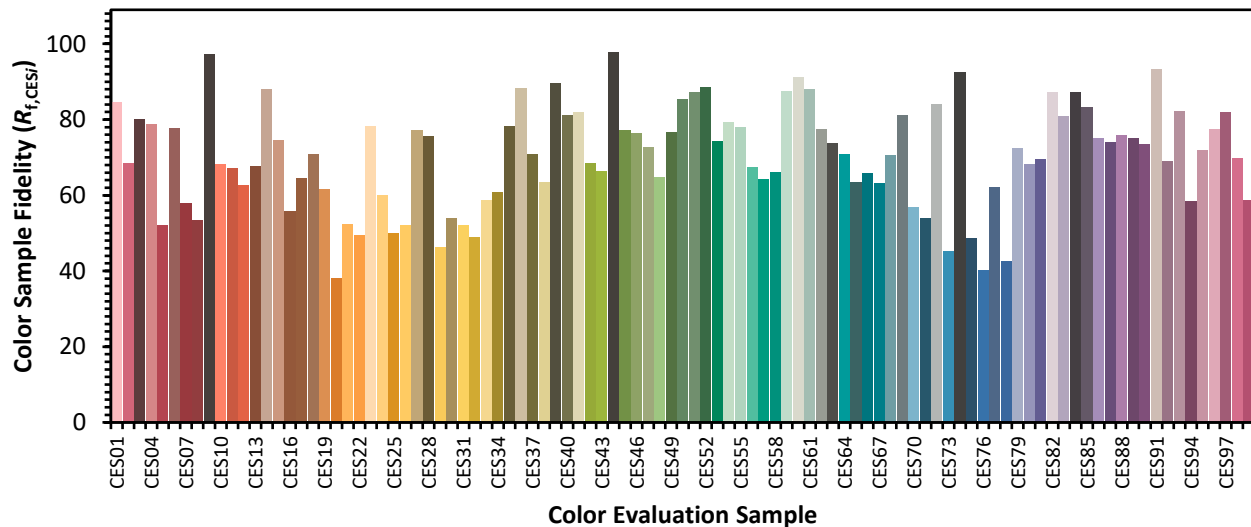


Color Vector Graphics

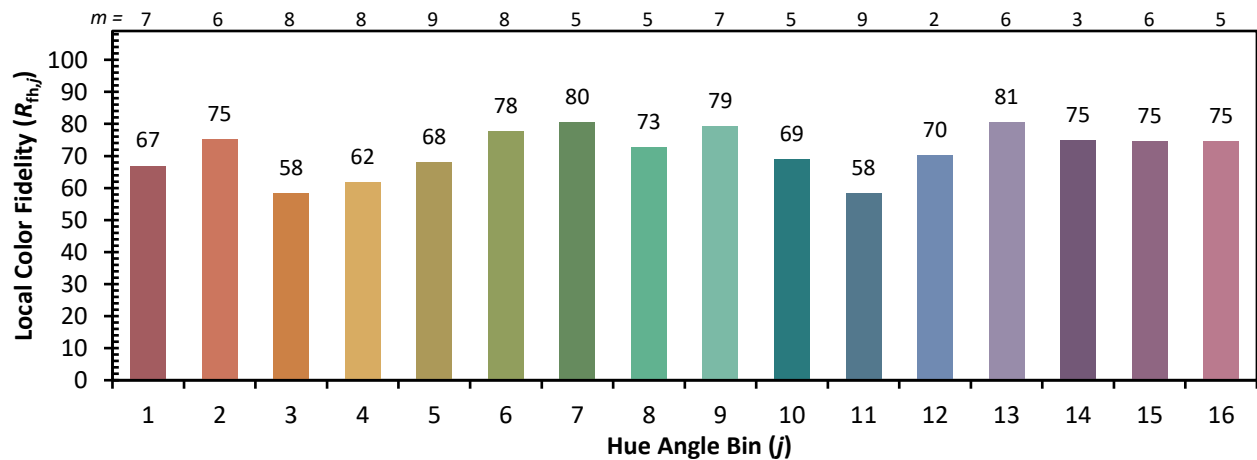
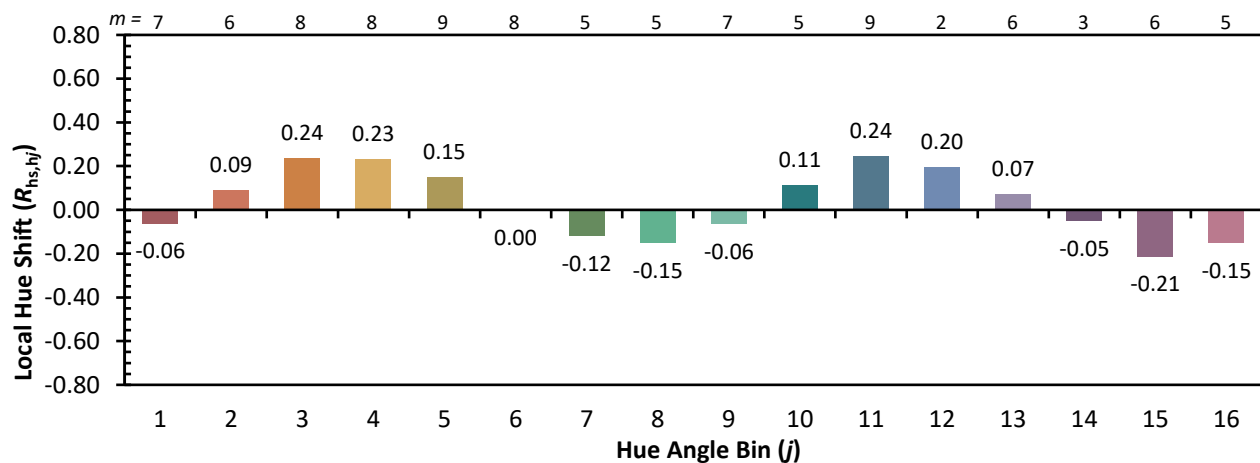
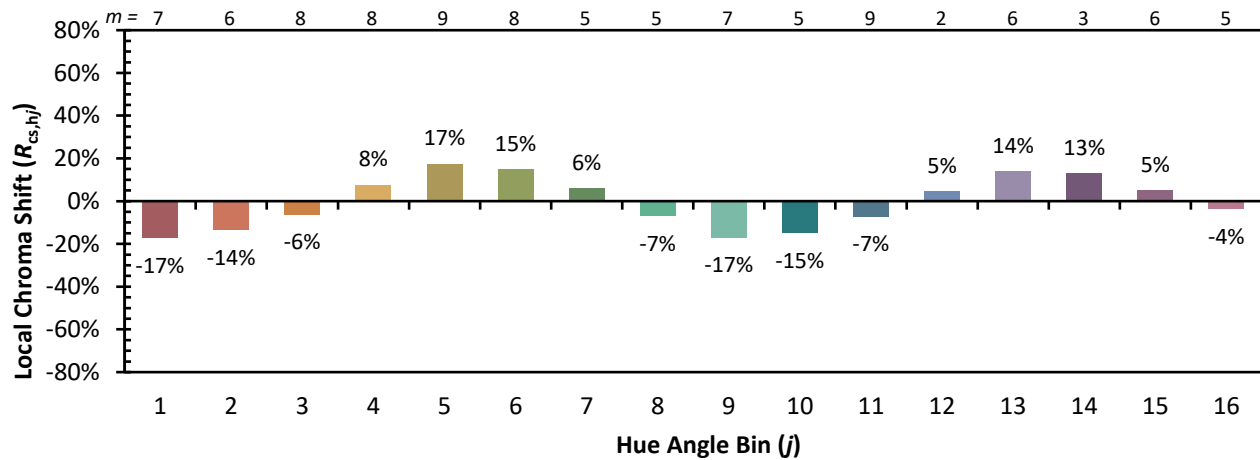


Individual Sample Fidelity Index ($R_{f,i}$)

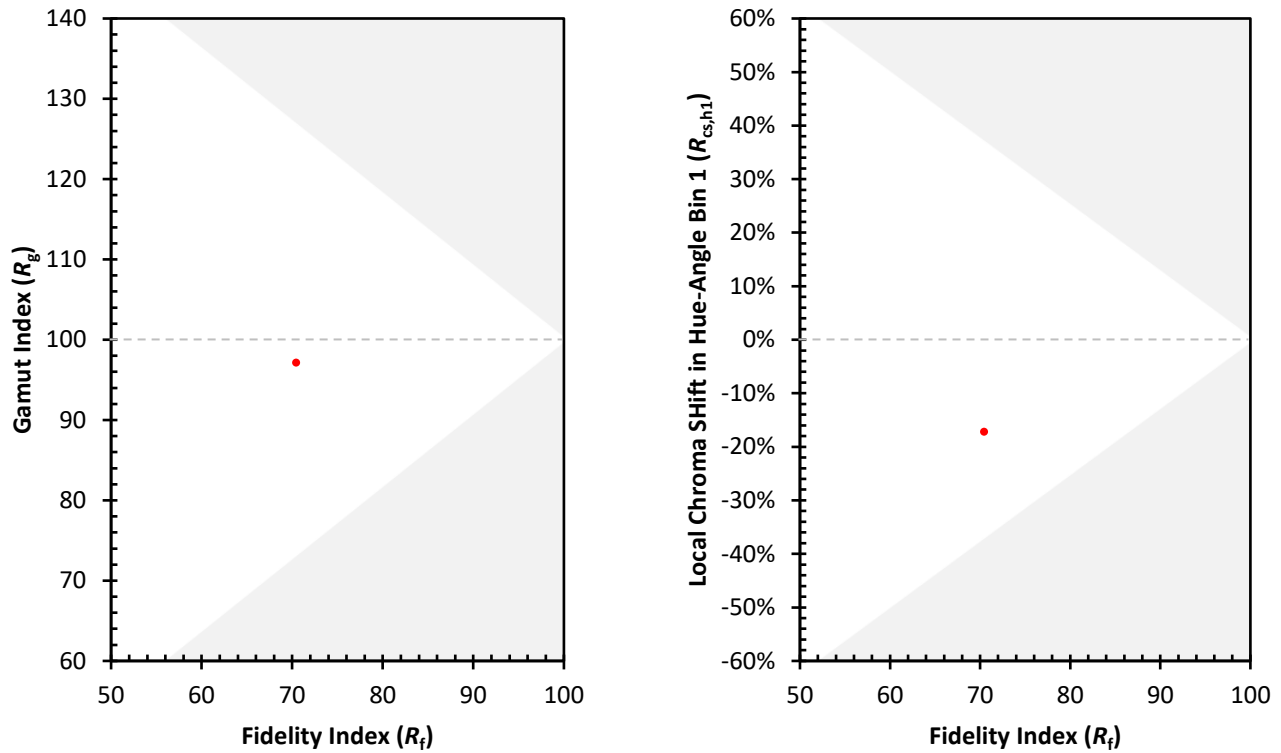
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)