

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: P1047230

Luminaire Tested: **GALN-SA1B-760-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047230
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-760-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4802.5 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 38.7
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

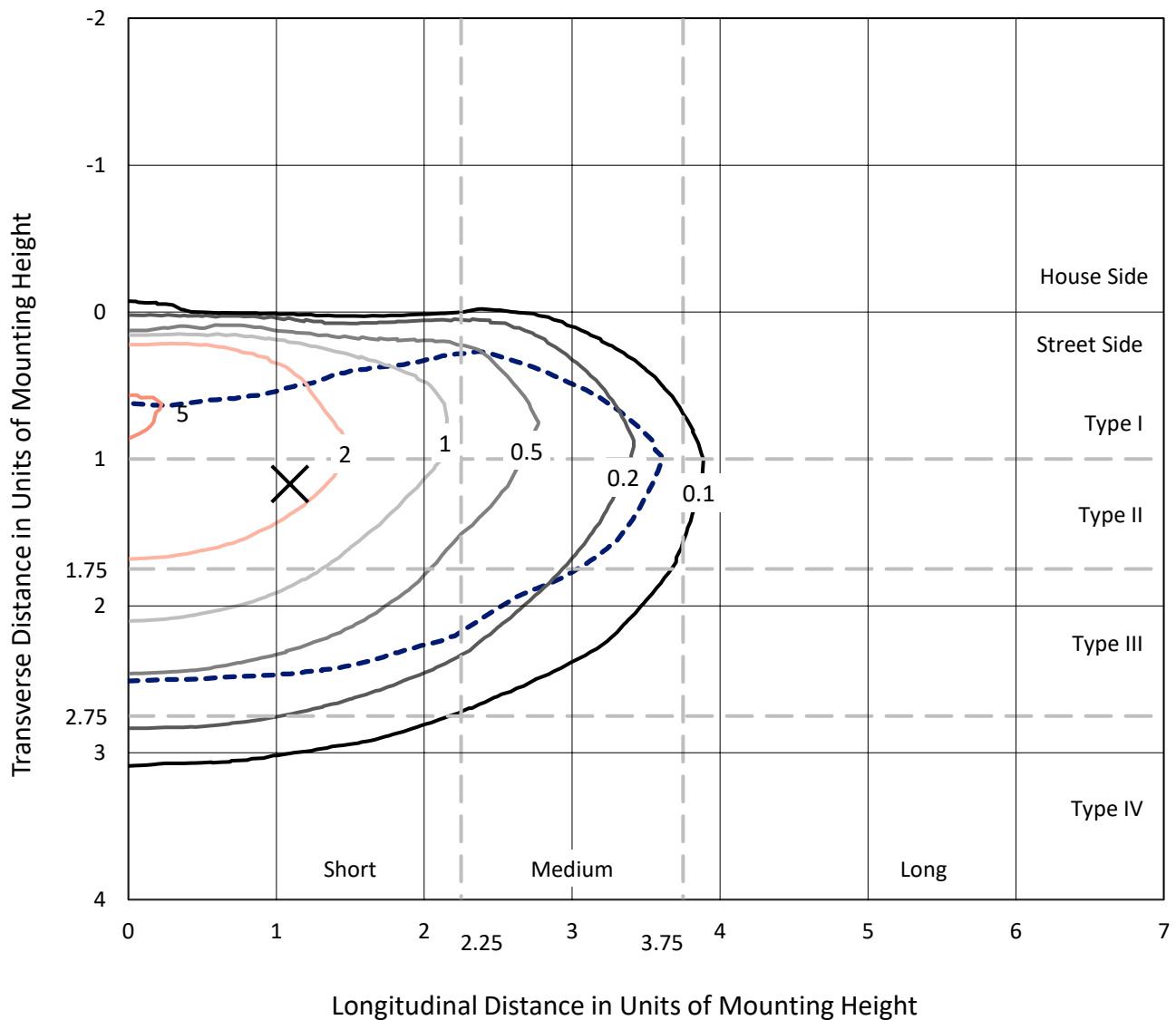


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CATALOG NUMBER: GALN-SA1B-760-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

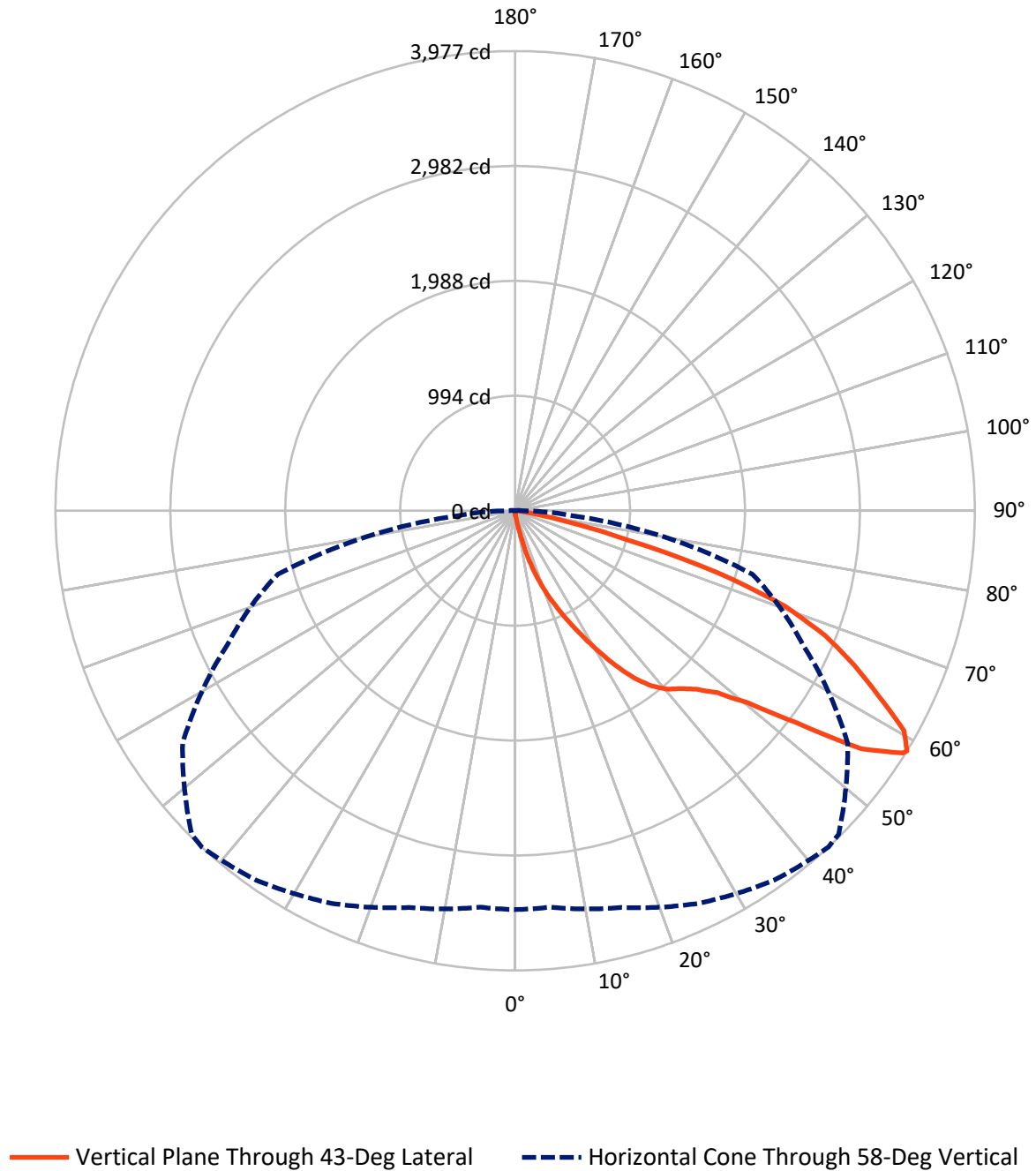


Based on 15 foot mounting height. Maximum calculated value = 5.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.5	0.0	17.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4784.9	0.0	4784.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	4802.5	0.0	4802.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.6	0.1
10°-20°	55.2	1.1
20°-30°	199.0	4.1
30°-40°	455.2	9.5
40°-50°	767.8	16.0
50°-60°	1267.1	26.4
60°-70°	1416.1	29.5
70°-80°	584.7	12.2
80°-90°	52.7	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°	4802.5	100.0
0°-180°	4802.5	100.0



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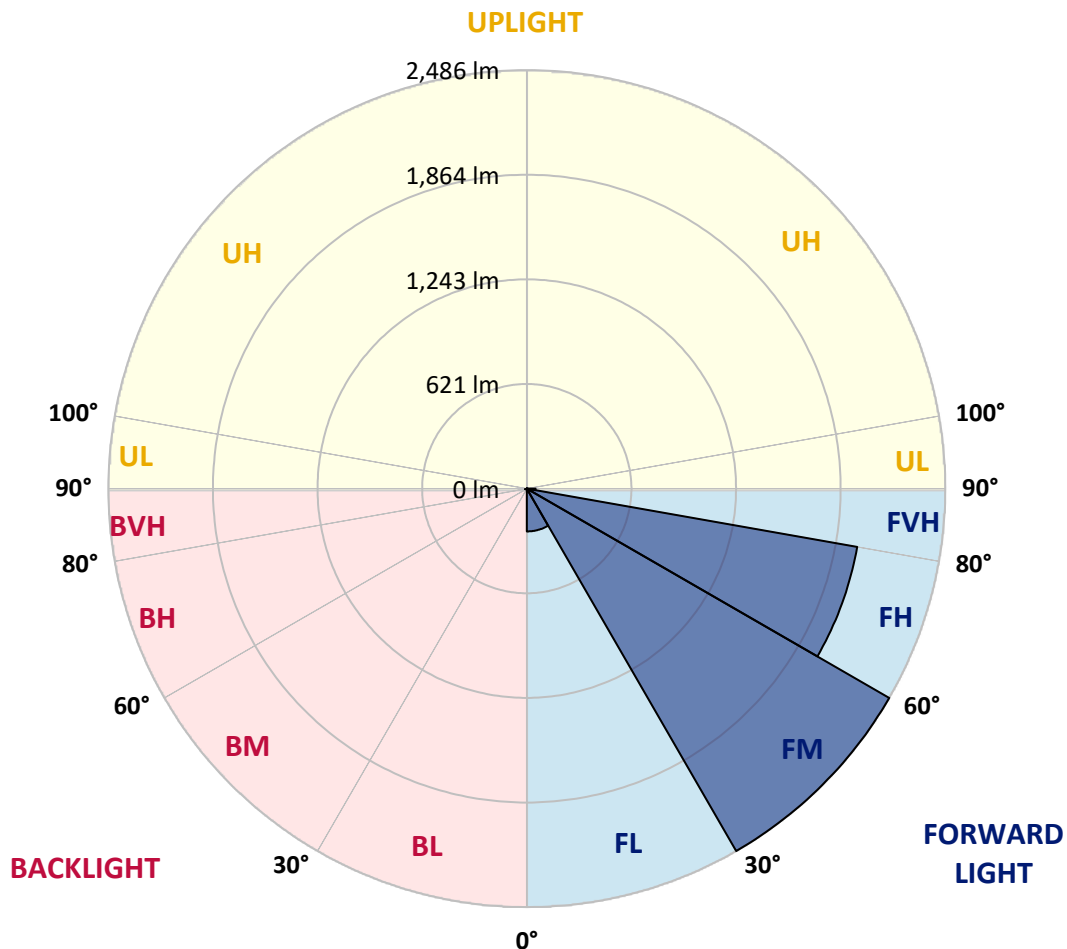
CATALOG NUMBER: GALN-SA1B-760-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	254.2	5.3			
FM	(30°-60°)	2485.9	51.8			
FH	(60°-80°)	1992.8	41.5			G2/5000
FVH	(80°-90°)	52.0	1.1			G1/100
BL	(0°-30°)	4.6	0.1	B0/110		
BM	(30°-60°)	4.2	0.1	B0/220		
BH	(60°-80°)	8.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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 III Short



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CATALOG NUMBER: GALN-SA1B-760-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2.5°	37.7	38.9	37.7	37.7	37.7	36.4	36.4	35.2	35.2	33.9	32.7
5°	55.3	55.3	51.5	49.0	46.5	45.2	44.0	41.4	38.9	36.4	33.9
7.5°	123.1	123.1	111.8	96.7	76.6	65.3	62.8	51.5	44.0	38.9	33.9
10°	293.9	293.9	268.8	227.3	175.8	130.6	116.8	74.1	52.8	41.4	35.2
12.5°	488.6	494.9	463.5	410.7	334.1	255.0	227.3	135.7	70.3	45.2	35.2
15°	663.2	648.1	639.3	589.1	516.2	422.0	386.9	228.6	101.7	51.5	35.2
17.5°	781.3	781.3	768.7	734.8	668.2	585.3	556.4	369.3	164.5	59.0	36.4
20°	919.4	919.4	896.8	872.9	813.9	743.6	715.9	525.0	255.0	75.4	36.4
22.5°	1086.5	1089.0	1063.9	1021.2	964.6	886.8	862.9	669.5	369.3	100.5	37.7
25°	1290.0	1292.5	1256.0	1215.8	1129.2	1045.0	1008.6	835.3	508.7	140.7	37.7
27.5°	1514.8	1532.4	1478.4	1409.3	1317.6	1212.1	1184.4	984.7	646.9	198.5	40.2
30°	1794.9	1794.9	1723.3	1626.6	1527.3	1396.7	1361.5	1141.7	793.8	275.1	42.7
32.5°	2036.0	2017.2	1925.5	1823.8	1718.3	1596.4	1558.7	1306.3	944.5	370.5	47.7
35°	2220.7	2204.3	2091.3	1982.0	1890.3	1778.6	1733.3	1484.6	1104.1	478.6	55.3
37.5°	2378.9	2372.7	2219.4	2082.5	2022.2	1924.3	1884.1	1652.9	1261.1	595.4	64.1
40°	2552.3	2532.2	2368.9	2199.3	2108.9	2029.8	1993.3	1788.6	1411.8	732.3	76.6
42.5°	2700.5	2676.6	2529.7	2363.9	2209.4	2102.6	2067.4	1902.9	1558.7	869.2	92.9
45°	2865.0	2852.5	2704.3	2578.6	2372.7	2201.8	2155.4	1994.6	1693.1	1032.5	114.3
47.5°	3112.5	3089.9	2951.7	2848.7	2610.0	2352.6	2286.0	2088.8	1822.5	1193.2	147.0
50°	3400.1	3385.0	3303.4	3221.7	2984.3	2610.0	2530.9	2224.4	1967.0	1384.2	189.7
52.5°	3635.0	3632.5	3642.5	3643.8	3464.2	3043.4	2925.3	2443.0	2132.8	1572.6	250.0
55°	3630.0	3641.3	3751.8	3878.6	3892.5	3635.0	3520.7	2811.0	2348.8	1804.9	334.1
57.5°	3494.3	3485.5	3602.3	3793.2	3927.6	3955.3	3936.4	3382.5	2674.1	2085.0	463.5
58°	3450.3	3442.8	3553.3	3748.0	3902.5	3976.6	3957.8	3511.9	2747.0	2125.2	498.6
60°	3290.8	3292.1	3357.4	3534.5	3689.0	3864.8	3882.4	3881.2	3110.0	2394.0	675.7
62.5°	3079.8	3069.8	3130.0	3274.5	3410.1	3528.2	3558.4	3906.3	3641.3	2735.7	1013.6
65°	2788.4	2773.3	2837.4	3000.7	3146.4	3223.0	3224.3	3569.7	3891.2	3102.4	1495.9
67.5°	2247.1	2234.5	2362.6	2572.4	2797.2	2897.7	2942.9	3097.4	3680.2	3351.1	1772.3
70°	1376.6	1403.0	1581.4	1910.4	2294.8	2479.4	2547.2	2595.0	3133.8	3313.4	1482.1
72.5°	635.6	604.2	756.1	986.0	1424.3	1835.1	1905.4	2092.6	2484.4	2876.3	1105.3
75°	296.4	285.1	320.3	430.8	645.6	991.0	1119.1	1670.5	1905.4	2000.9	797.6
77.5°	152.0	153.2	182.1	195.9	266.3	458.5	526.3	1099.0	1396.7	1116.6	535.1
80°	66.6	69.1	70.3	76.6	108.0	177.1	199.7	510.0	954.6	569.0	292.7
82.5°	42.7	44.0	44.0	44.0	51.5	70.3	80.4	204.7	476.0	282.6	90.4
85°	22.6	22.6	25.1	31.4	36.4	42.7	45.2	65.3	157.0	84.2	21.4
87.5°	12.6	13.8	15.1	18.8	23.9	28.9	31.4	45.2	60.3	57.8	5.0
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-SA1B-760-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2.5°	32.7	31.4	30.1	28.9	27.6	26.4	26.4	26.4	26.4	26.4	26.4
5°	31.4	30.1	28.9	26.4	23.9	22.6	21.4	20.1	20.1	20.1	20.1
7.5°	31.4	30.1	26.4	23.9	21.4	18.8	16.3	16.3	16.3	16.3	16.3
10°	31.4	28.9	25.1	21.4	17.6	15.1	13.8	12.6	12.6	12.6	12.6
12.5°	31.4	27.6	23.9	18.8	15.1	12.6	11.3	10.0	10.0	10.0	10.0
15°	31.4	27.6	22.6	17.6	13.8	10.0	8.8	7.5	7.5	7.5	7.5
17.5°	30.1	26.4	21.4	15.1	11.3	7.5	6.3	5.0	5.0	6.3	6.3
20°	28.9	25.1	18.8	12.6	8.8	6.3	3.8	3.8	3.8	3.8	3.8
22.5°	28.9	25.1	17.6	11.3	7.5	3.8	2.5	2.5	2.5	2.5	3.8
25°	28.9	23.9	15.1	8.8	5.0	2.5	1.3	1.3	1.3	1.3	1.3
27.5°	28.9	23.9	13.8	7.5	3.8	2.5	1.3	0.0	0.0	0.0	0.0
30°	27.6	22.6	12.6	6.3	2.5	1.3	0.0	0.0	0.0	0.0	0.0
32.5°	27.6	21.4	10.0	5.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0
35°	28.9	20.1	8.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	1.3
37.5°	30.1	18.8	7.5	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	31.4	17.6	7.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	33.9	17.6	6.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	36.4	17.6	5.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	41.4	18.8	5.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	45.2	20.1	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	50.2	18.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	56.5	18.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	61.5	17.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	64.1	16.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	76.6	15.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	119.3	12.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	242.4	11.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	452.2	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	506.2	11.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	319.0	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	168.3	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	84.2	8.8	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.9	6.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.3	3.8	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.5	3.8	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	3.8	3.8	2.5	2.5	1.3	1.3	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

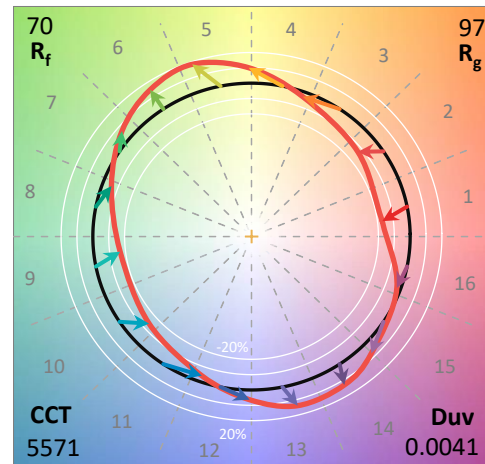
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

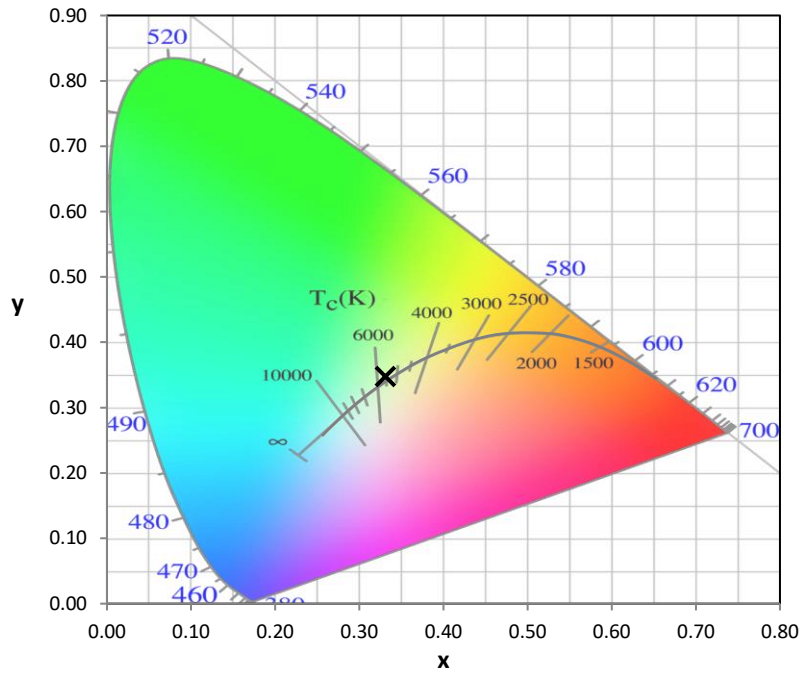
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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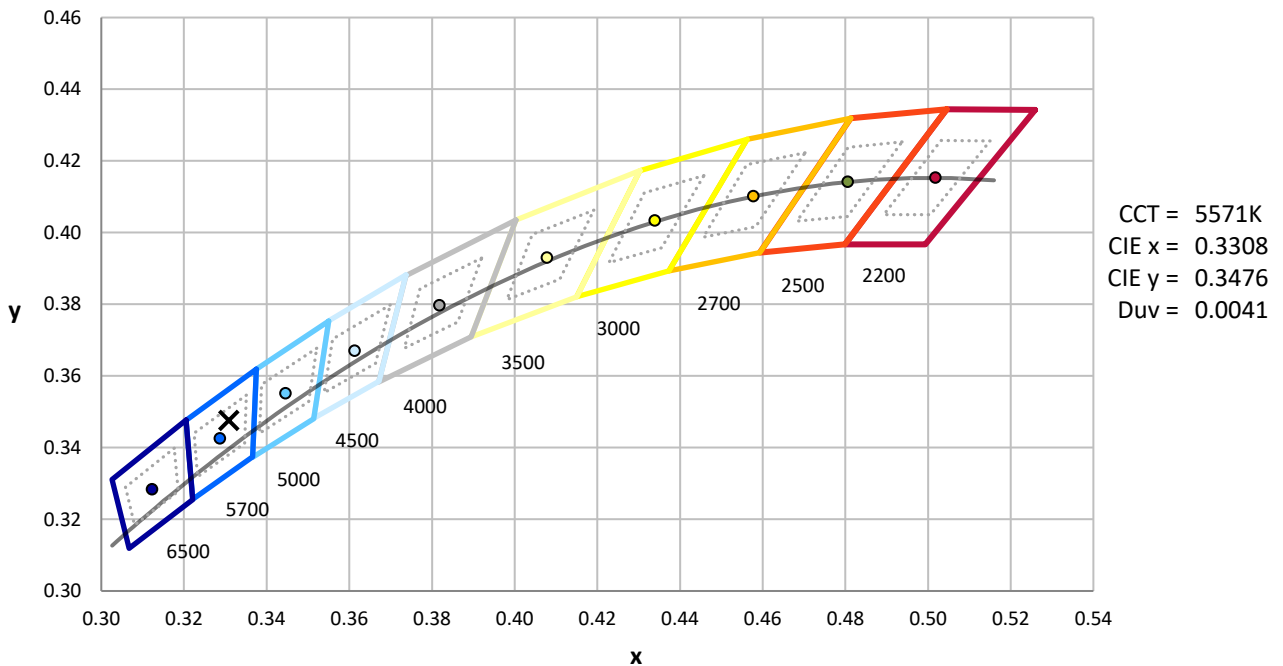
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



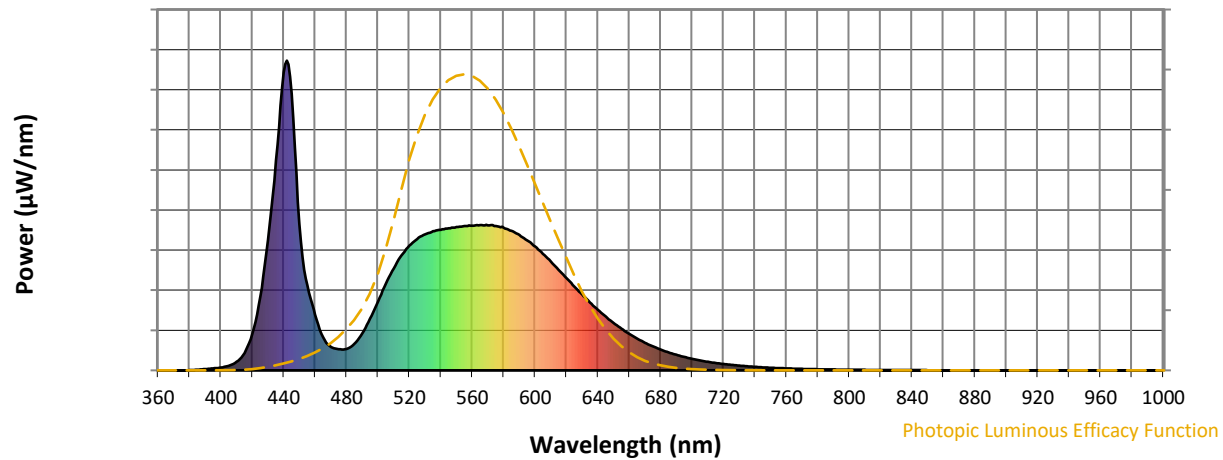
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

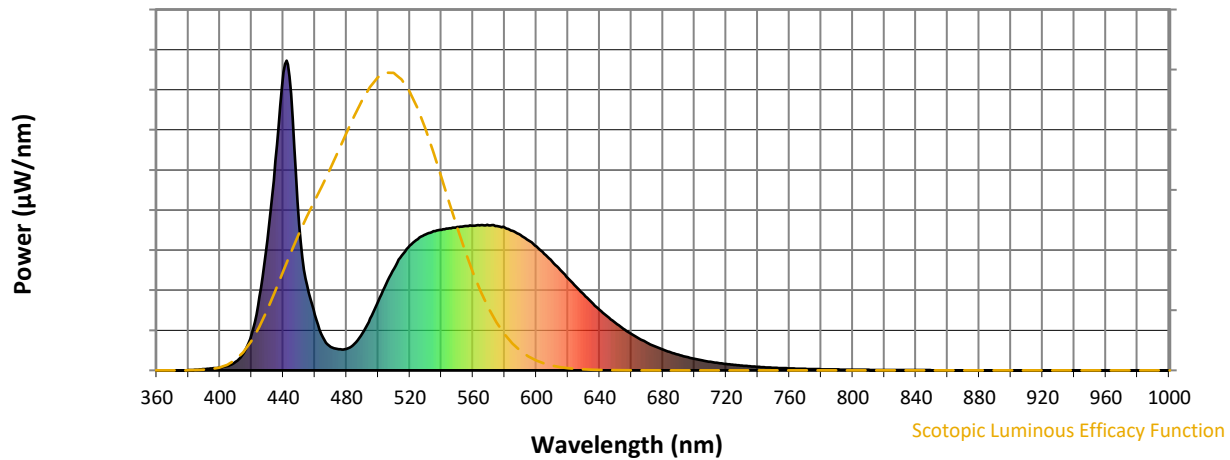


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-7

Scotopic Flux vs. Wavelength



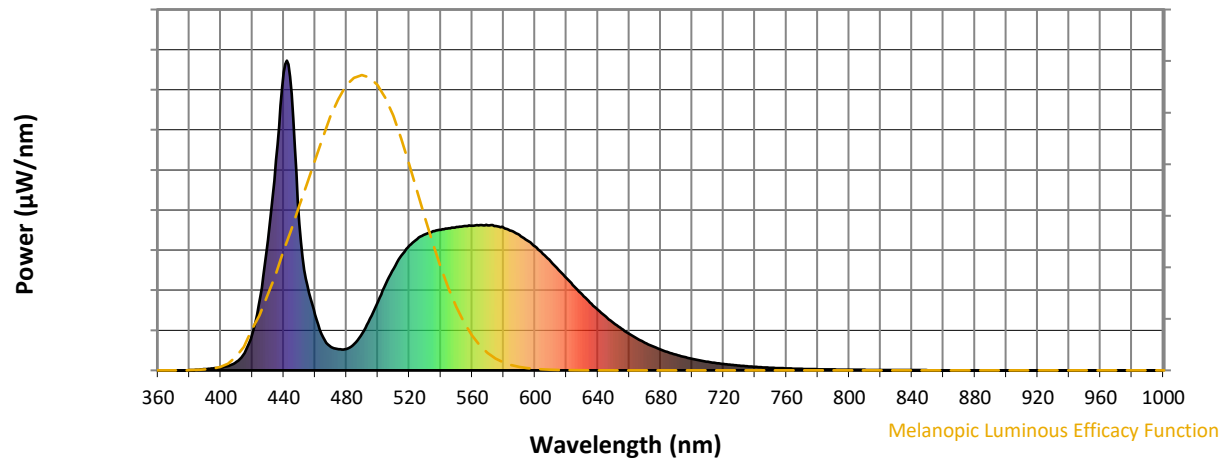
Scotopic Lumens: NR

S/P: 1.84

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	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

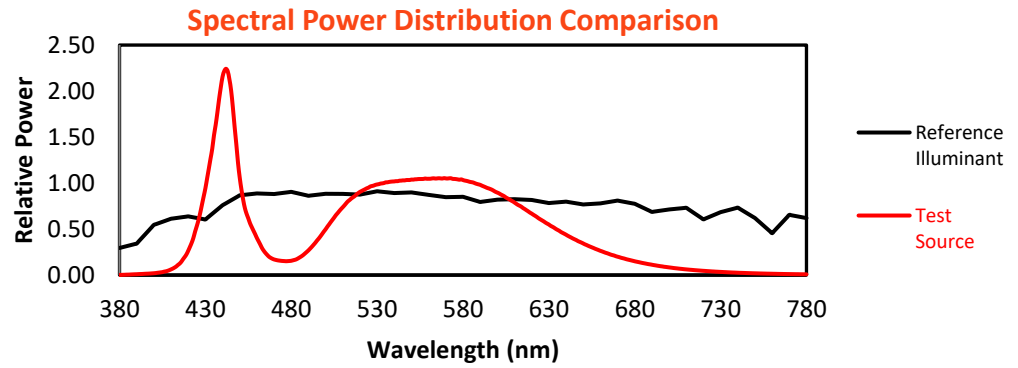
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	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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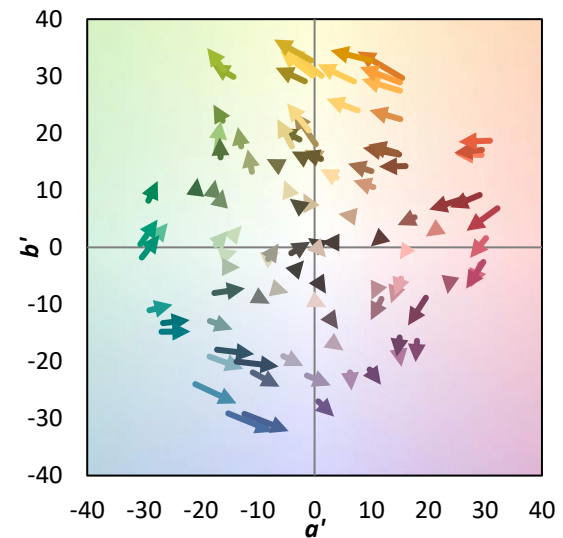
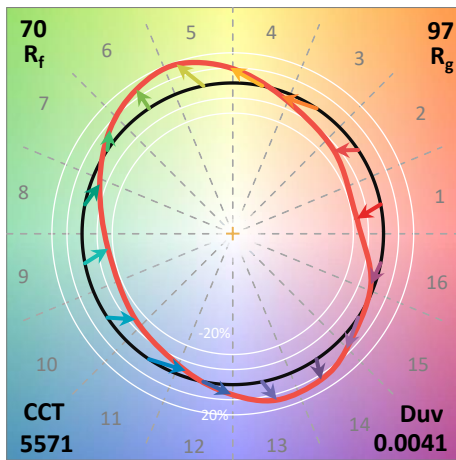
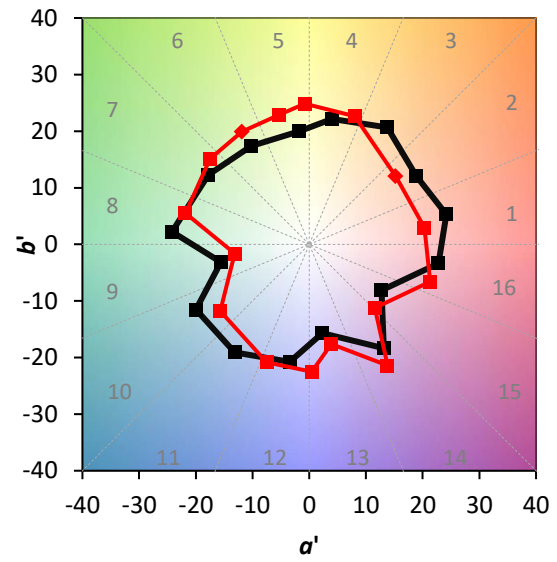
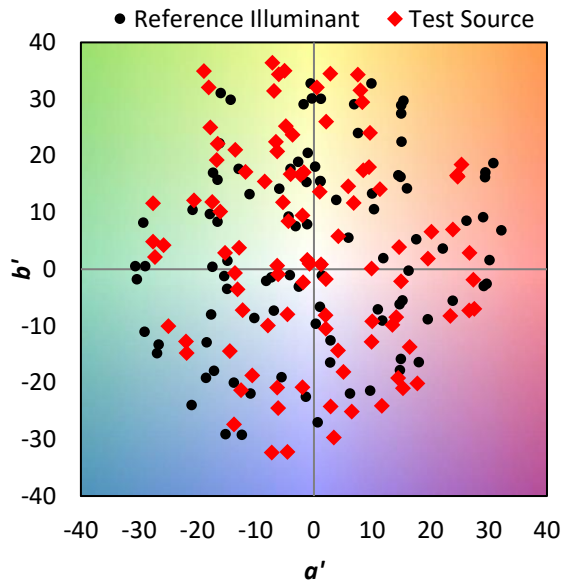
TM-30-18

Summary

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

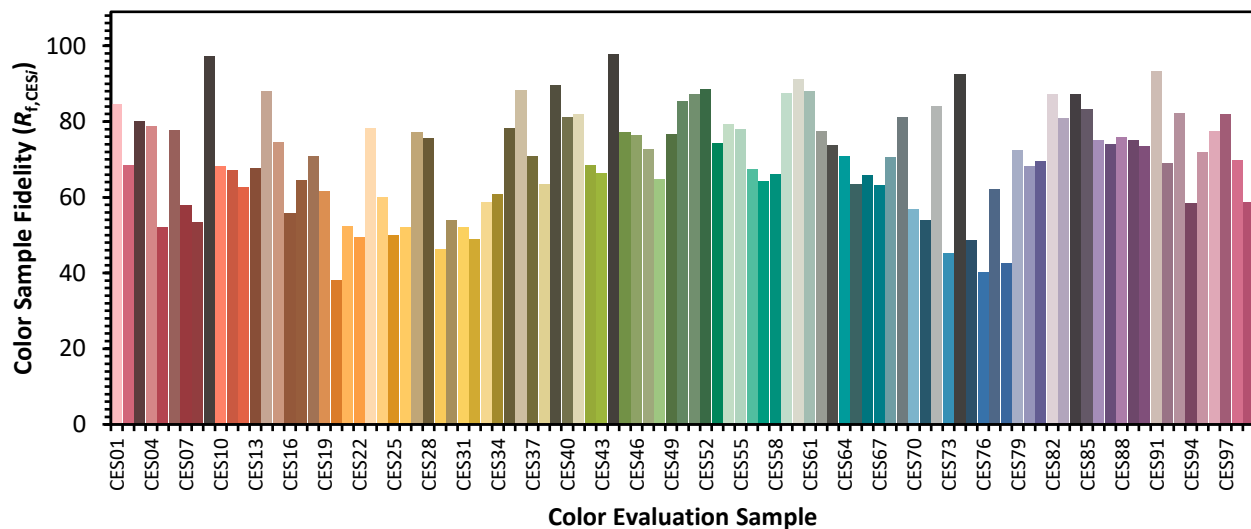


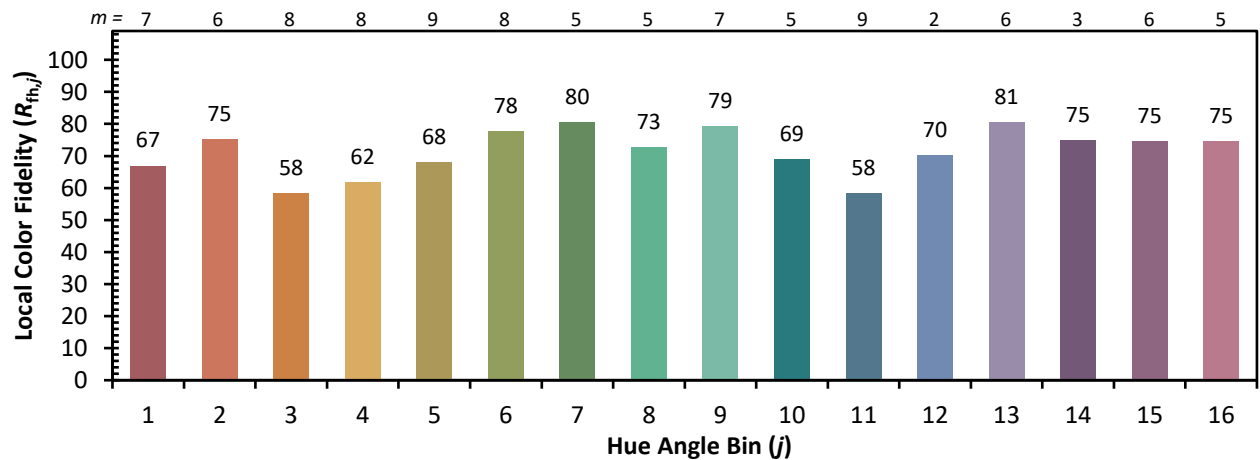
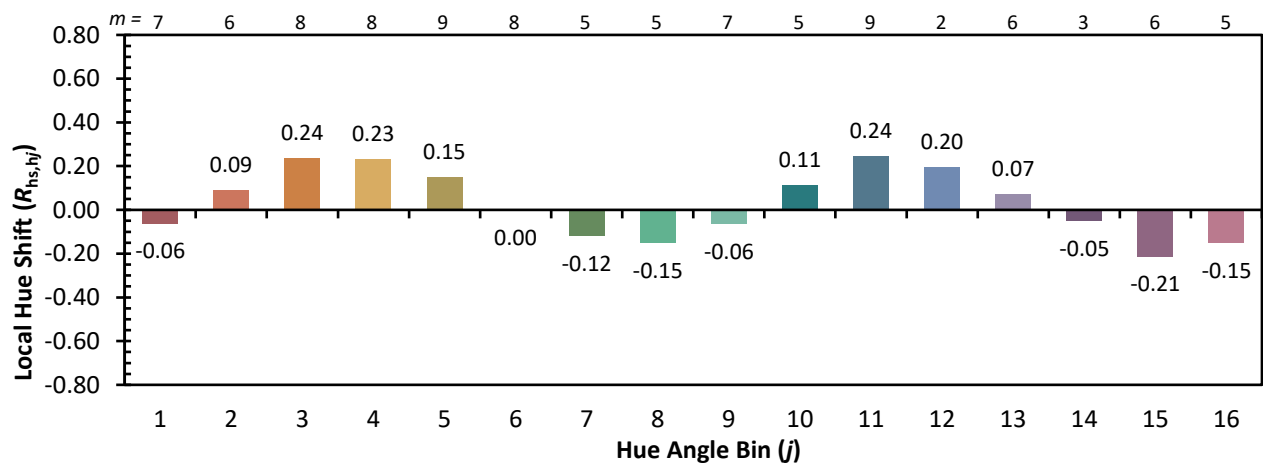
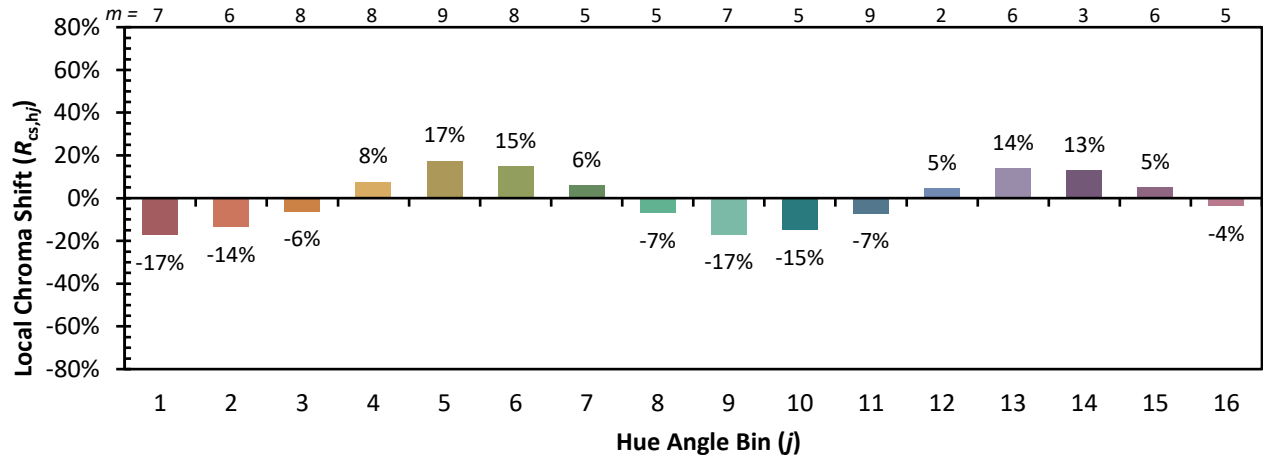
Color Vector Graphics



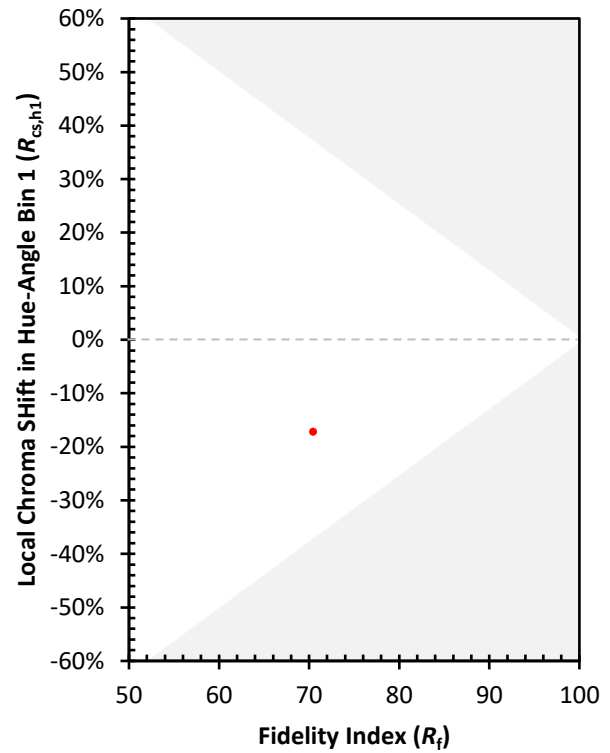
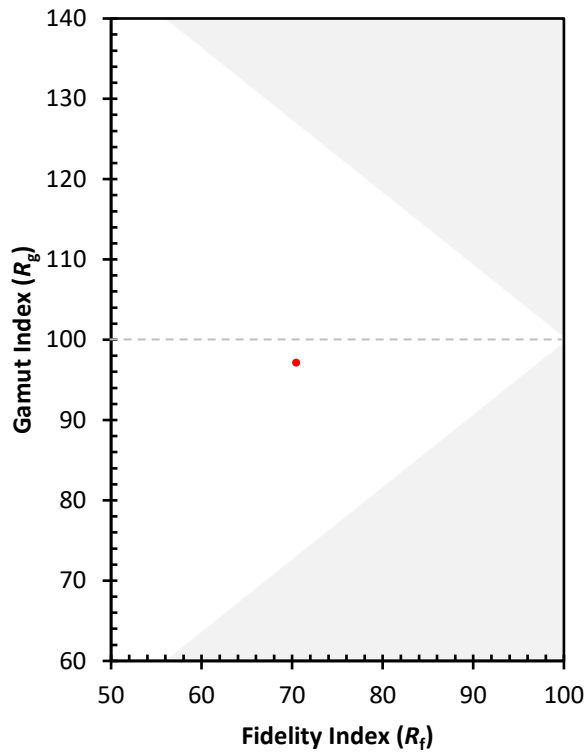
Individual Sample Fidelity Index ($R_{f,i}$)

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)