

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: P1047235

Luminaire Tested: **GALN-SA2C-760-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047235
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-760-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11957.9 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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



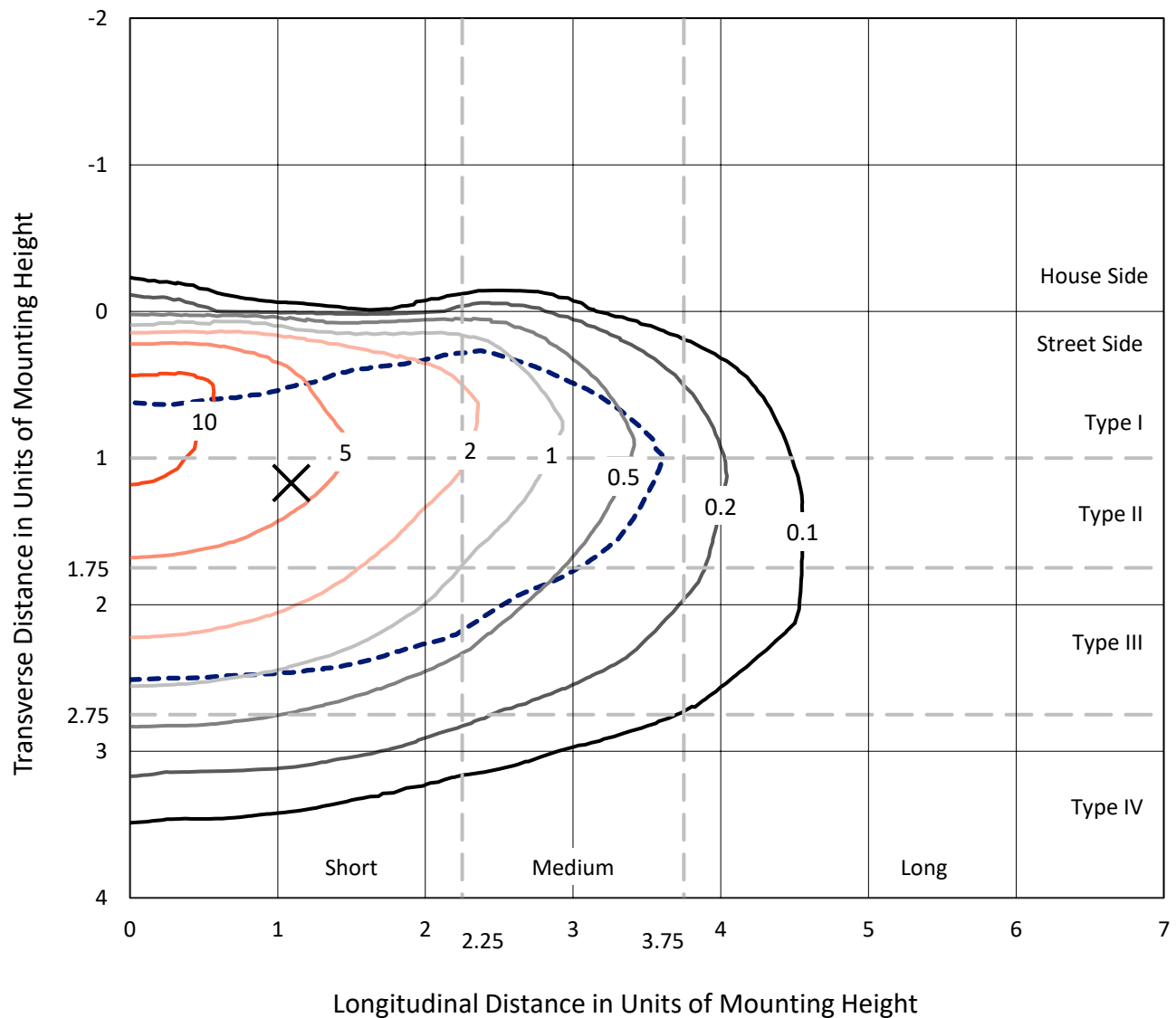
REPORT NUMBER: P1047235

CATALOG NUMBER: GALN-SA2C-760-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

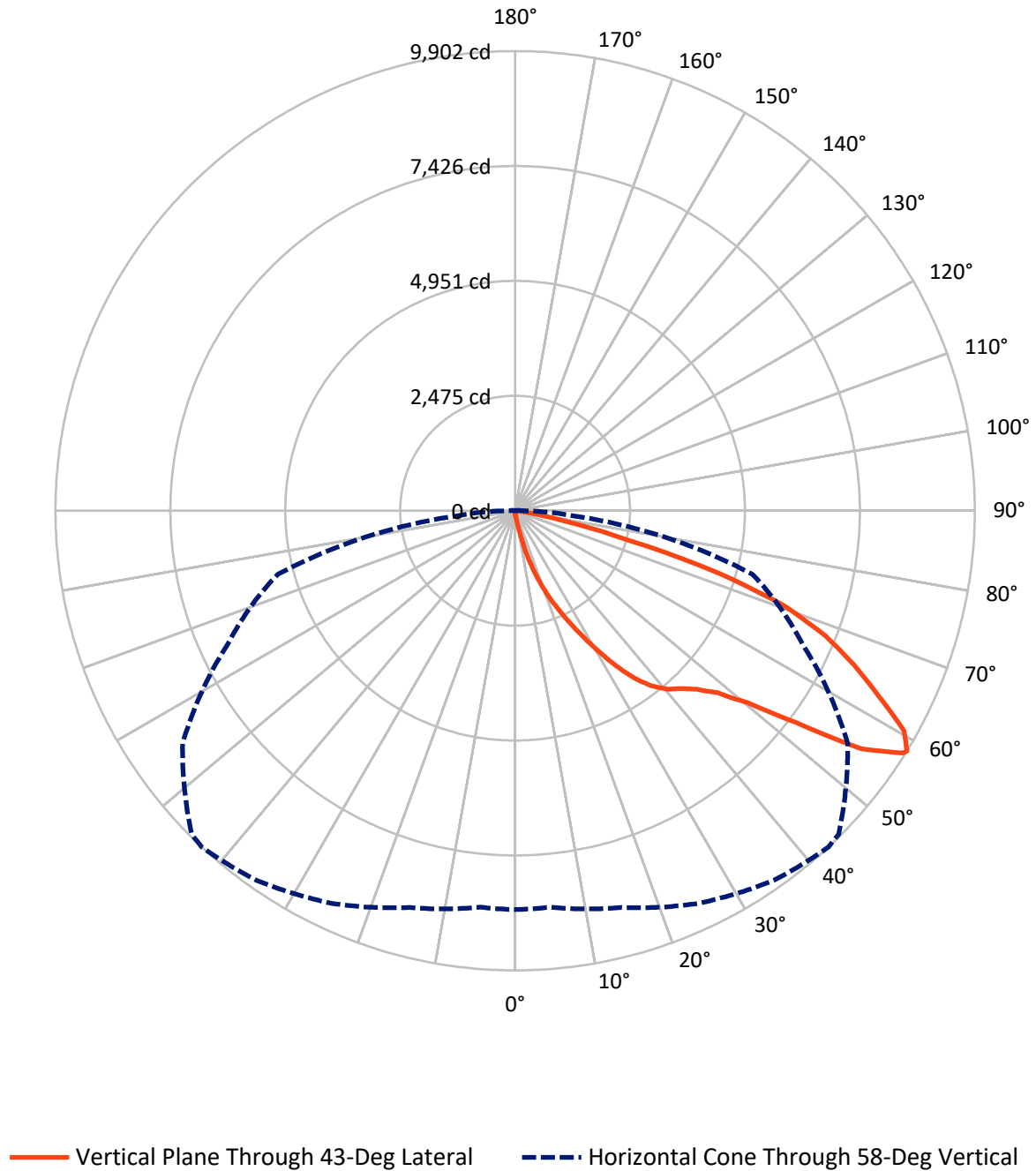


Based on 15 foot mounting height. Maximum calculated value = 13.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.7	0.0	43.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11914.2	0.0	11914.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	11957.9	0.0	11957.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.5	0.1
10°-20°	137.5	1.1
20°-30°	495.4	4.1
30°-40°	1133.5	9.5
40°-50°	1911.8	16.0
50°-60°	3155.0	26.4
60°-70°	3526.1	29.5
70°-80°	1455.9	12.2
80°-90°	131.2	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°	11957.9	100.0
0°-180°	11957.9	100.0



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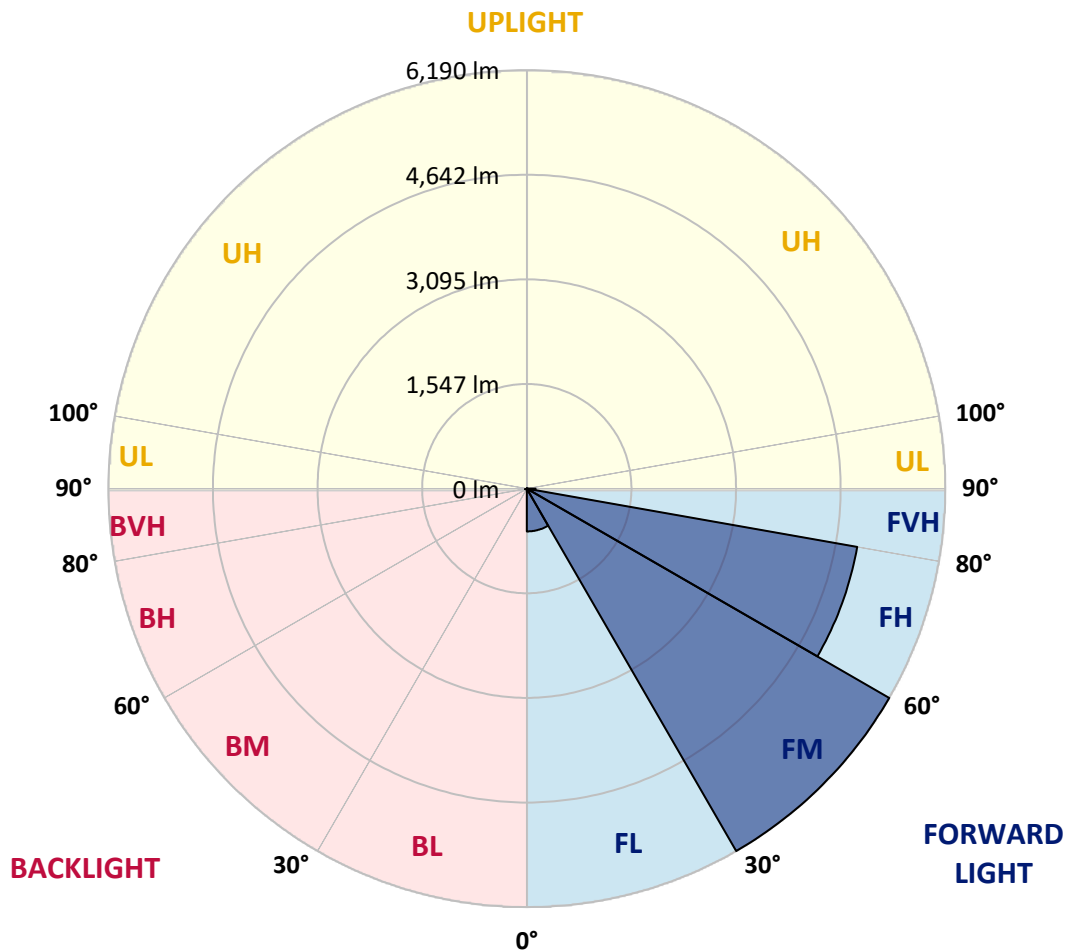
CATALOG NUMBER: GALN-SA2C-760-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	633.0	5.3			
FM	(30°-60°)	6189.9	51.8			
FH	(60°-80°)	4962.0	41.5			G2/5000
FVH	(80°-90°)	129.4	1.1			G2/225
BL	(0°-30°)	11.4	0.1	B0/110		
BM	(30°-60°)	10.5	0.1	B0/220		
BH	(60°-80°)	20.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G2

Type III Short



REPORT NUMBER: P1047235

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
2.5°	93.8	97.0	93.8	93.8	93.8	90.7	90.7	87.6	87.6	84.4	81.3
5°	137.6	137.6	128.2	122.0	115.7	112.6	109.5	103.2	97.0	90.7	84.4
7.5°	306.5	306.5	278.3	240.8	190.8	162.6	156.4	128.2	109.5	97.0	84.4
10°	731.8	731.8	669.3	566.1	437.8	325.3	290.9	184.5	131.4	103.2	87.6
12.5°	1216.6	1232.2	1154.0	1022.7	831.9	634.9	566.1	337.8	175.1	112.6	87.6
15°	1651.3	1613.8	1591.9	1466.8	1285.4	1050.8	963.3	569.2	253.3	128.2	87.6
17.5°	1945.3	1945.3	1914.0	1829.6	1663.8	1457.4	1385.5	919.5	409.7	147.0	90.7
20°	2289.3	2289.3	2233.0	2173.6	2026.6	1851.5	1782.7	1307.3	634.9	187.6	90.7
22.5°	2705.3	2711.5	2649.0	2542.6	2401.9	2208.0	2148.6	1666.9	919.5	250.2	93.8
25°	3211.9	3218.2	3127.5	3027.4	2811.6	2602.1	2511.4	2079.8	1266.6	350.3	93.8
27.5°	3771.7	3815.5	3681.0	3509.0	3280.7	3018.0	2949.2	2451.9	1610.7	494.1	100.1
30°	4469.2	4469.2	4290.9	4050.1	3803.0	3477.8	3390.2	2842.9	1976.6	684.9	106.3
32.5°	5069.7	5022.7	4794.4	4541.1	4278.4	3975.0	3881.2	3252.6	2351.9	922.6	118.8
35°	5529.4	5488.7	5207.3	4935.2	4706.9	4428.5	4315.9	3696.7	2749.1	1191.6	137.6
37.5°	5923.5	5907.8	5526.3	5185.4	5035.3	4791.3	4691.2	4115.8	3140.0	1482.4	159.5
40°	6355.0	6305.0	5898.4	5476.2	5251.0	5054.0	4963.3	4453.5	3515.3	1823.3	190.8
42.5°	6724.1	6664.7	6298.8	5885.9	5501.2	5235.4	5147.8	4738.1	3881.2	2164.2	231.4
45°	7133.8	7102.5	6733.5	6420.7	5907.8	5482.5	5366.8	4966.4	4215.8	2570.8	284.6
47.5°	7749.9	7693.6	7349.6	7093.1	6498.9	5857.8	5692.0	5201.0	4538.0	2971.1	365.9
50°	8466.1	8428.6	8225.3	8022.0	7430.9	6498.9	6301.9	5538.8	4897.6	3446.5	472.3
52.5°	9050.9	9044.7	9069.7	9072.8	8625.6	7577.9	7283.9	6083.0	5310.5	3915.6	622.4
55°	9038.4	9066.6	9341.8	9657.7	9692.1	9050.9	8766.3	6999.3	5848.4	4494.2	831.9
57.5°	8700.7	8678.8	8969.6	9445.0	9779.6	9848.5	9801.5	8422.3	6658.4	5191.6	1154.0
58°	8591.2	8572.4	8847.7	9332.4	9717.1	9901.6	9854.7	8744.4	6839.8	5291.7	1241.6
60°	8194.0	8197.1	8359.8	8800.7	9185.4	9623.3	9667.1	9663.9	7743.7	5961.0	1682.6
62.5°	7668.6	7643.6	7793.7	8153.4	8491.1	8785.1	8860.2	9726.5	9066.6	6811.7	2523.9
65°	6943.0	6905.5	7065.0	7471.6	7834.4	8025.1	8028.3	8888.3	9688.9	7724.9	3724.8
67.5°	5595.1	5563.8	5882.8	6405.1	6964.9	7215.1	7327.7	7712.4	9163.5	8344.1	4412.9
70°	3427.7	3493.4	3937.5	4756.9	5713.9	6173.7	6342.5	6461.4	7803.1	8250.3	3690.4
72.5°	1582.5	1504.3	1882.7	2455.1	3546.6	4569.3	4744.4	5210.4	6186.2	7161.9	2752.2
75°	738.1	709.9	797.5	1072.7	1607.5	2467.6	2786.6	4159.6	4744.4	4982.1	1986.0
77.5°	378.4	381.6	453.5	487.9	663.0	1141.5	1310.4	2736.5	3477.8	2780.3	1332.3
80°	165.8	172.0	175.1	190.8	269.0	441.0	497.3	1269.8	2376.9	1416.8	728.7
82.5°	106.3	109.5	109.5	109.5	128.2	175.1	200.2	509.8	1185.3	703.7	225.2
85°	56.3	56.3	62.5	78.2	90.7	106.3	112.6	162.6	390.9	209.5	53.2
87.5°	31.3	34.4	37.5	46.9	59.4	71.9	78.2	112.6	150.1	143.9	12.5
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-SA2C-760-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
2.5°	81.3	78.2	75.1	71.9	68.8	65.7	65.7	65.7	65.7	65.7	65.7
5°	78.2	75.1	71.9	65.7	59.4	56.3	53.2	50.0	50.0	50.0	50.0
7.5°	78.2	75.1	65.7	59.4	53.2	46.9	40.7	40.7	40.7	40.7	40.7
10°	78.2	71.9	62.5	53.2	43.8	37.5	34.4	31.3	31.3	31.3	31.3
12.5°	78.2	68.8	59.4	46.9	37.5	31.3	28.1	25.0	25.0	25.0	25.0
15°	78.2	68.8	56.3	43.8	34.4	25.0	21.9	18.8	18.8	18.8	18.8
17.5°	75.1	65.7	53.2	37.5	28.1	18.8	15.6	12.5	12.5	15.6	15.6
20°	71.9	62.5	46.9	31.3	21.9	15.6	9.4	9.4	9.4	9.4	9.4
22.5°	71.9	62.5	43.8	28.1	18.8	9.4	6.3	6.3	6.3	6.3	9.4
25°	71.9	59.4	37.5	21.9	12.5	6.3	3.1	3.1	3.1	3.1	3.1
27.5°	71.9	59.4	34.4	18.8	9.4	6.3	3.1	0.0	0.0	0.0	0.0
30°	68.8	56.3	31.3	15.6	6.3	3.1	0.0	0.0	0.0	0.0	0.0
32.5°	68.8	53.2	25.0	12.5	6.3	3.1	0.0	0.0	0.0	0.0	0.0
35°	71.9	50.0	21.9	9.4	3.1	0.0	0.0	0.0	0.0	0.0	3.1
37.5°	75.1	46.9	18.8	6.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	78.2	43.8	18.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	84.4	43.8	15.6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	90.7	43.8	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	103.2	46.9	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	112.6	50.0	9.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	125.1	46.9	9.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	140.7	46.9	9.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	153.2	43.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	159.5	40.7	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	190.8	37.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	297.1	31.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	603.6	28.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1125.9	25.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1260.4	28.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	794.4	21.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	419.1	21.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	209.5	21.9	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	97.0	15.6	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	40.7	9.4	6.3	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	18.8	9.4	6.3	6.3	3.1	3.1	0.0	0.0	0.0	0.0	0.0
87.5°	9.4	9.4	9.4	6.3	6.3	3.1	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

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: SP1-2407-184-7

Test Date: 10/10/2024

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

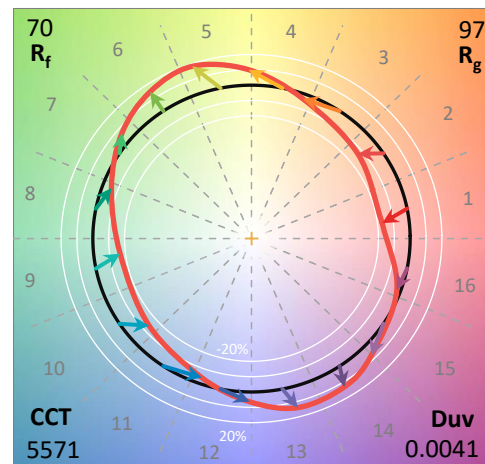
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

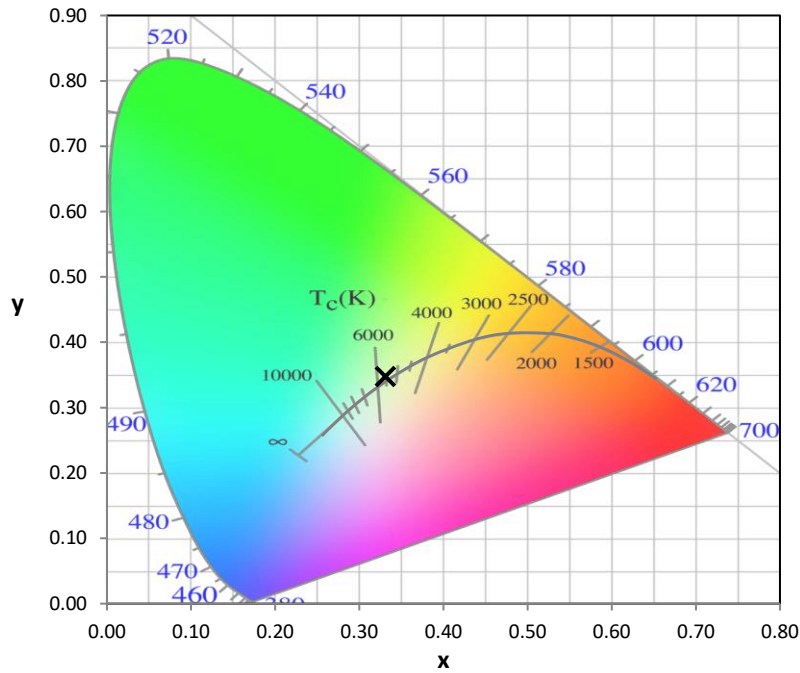
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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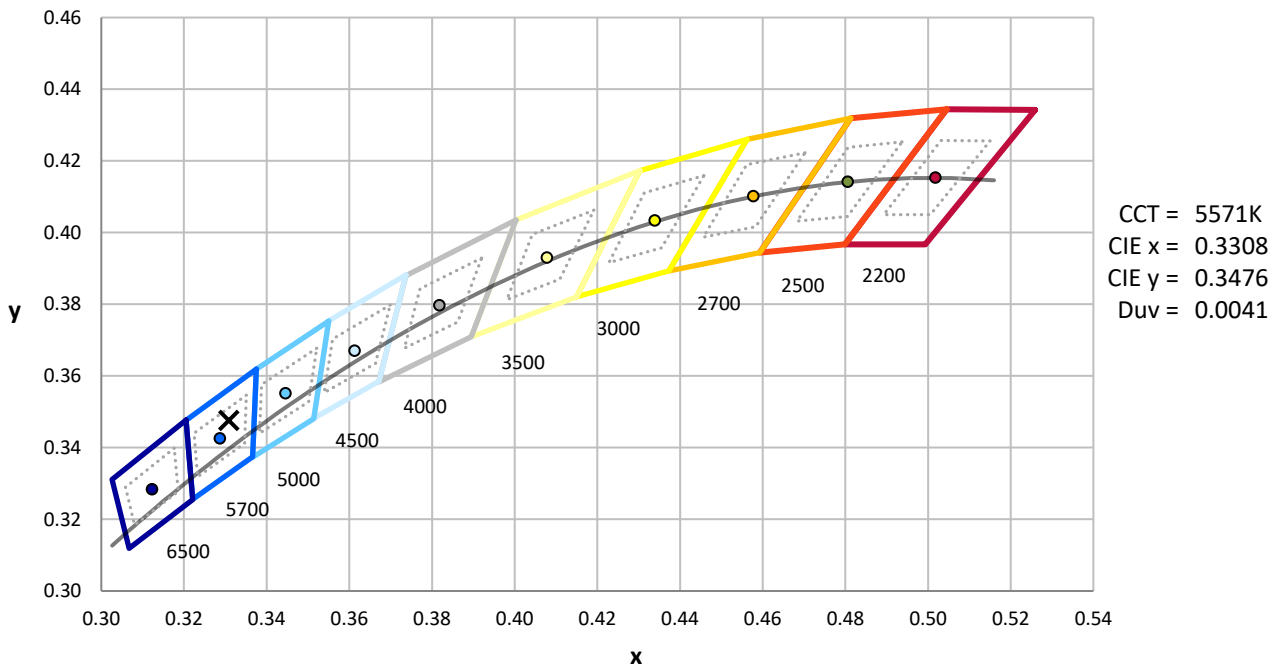
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



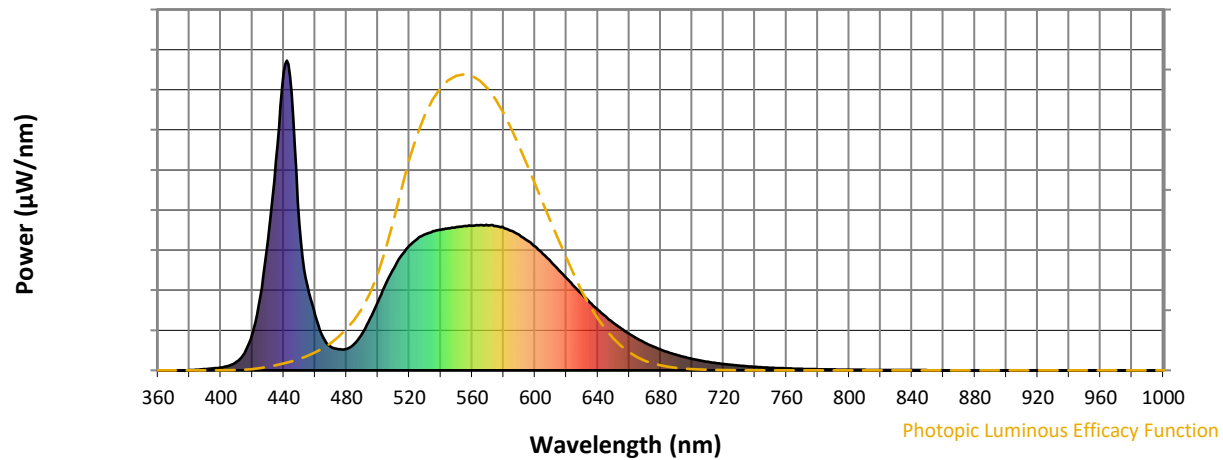
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

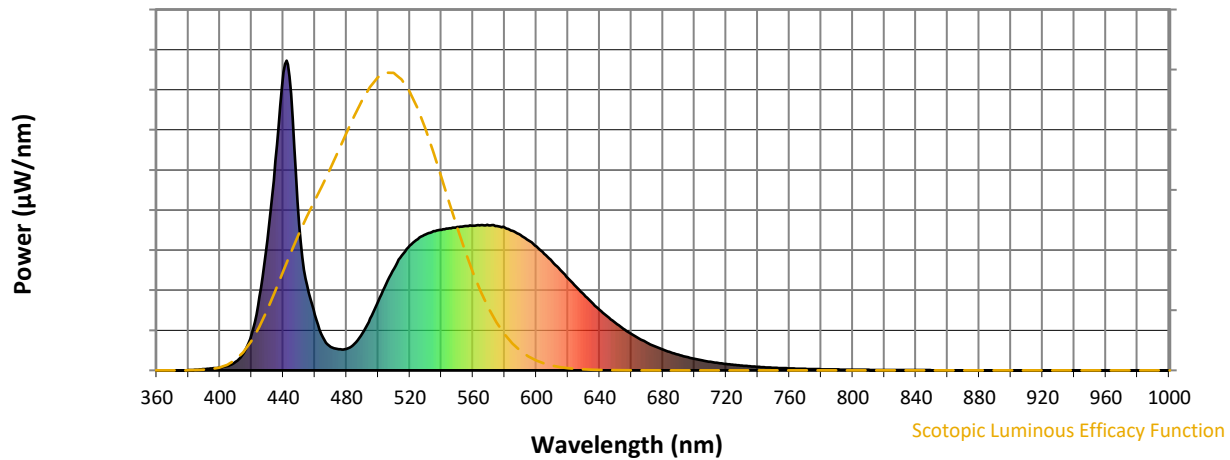


Photopic Lumens: NR

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



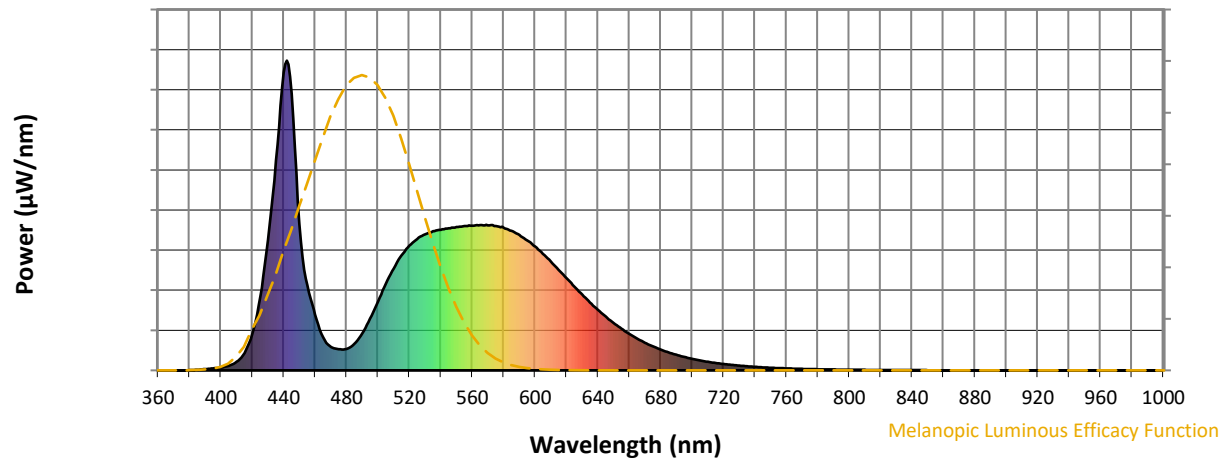
Scotopic Lumens: NR

S/P: 1.84

λ (nm)	Power W ^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

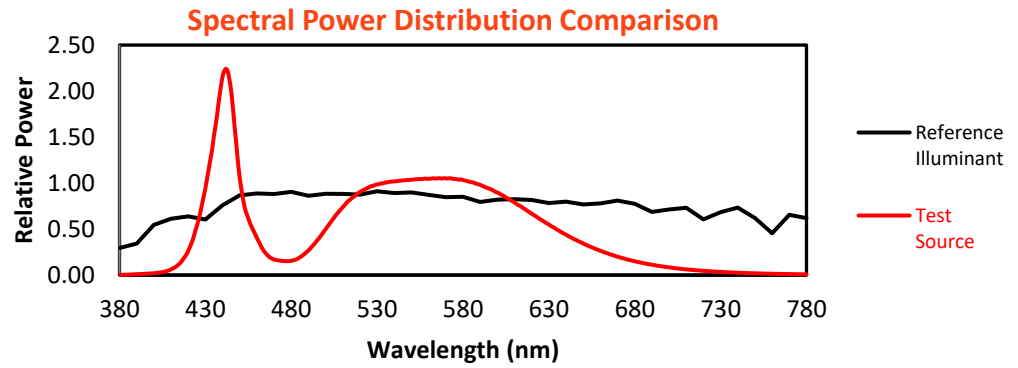
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	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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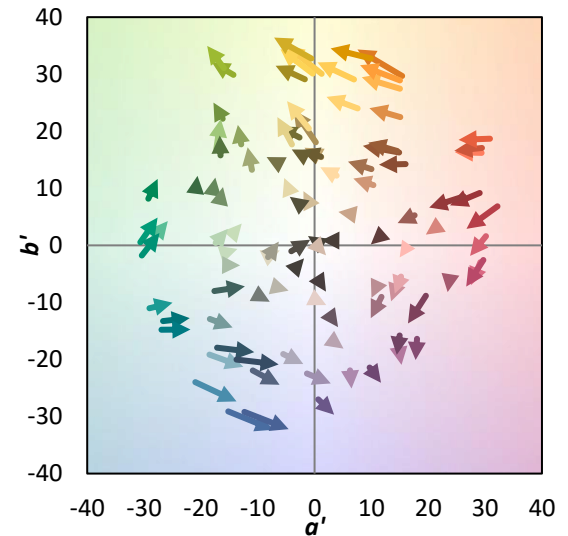
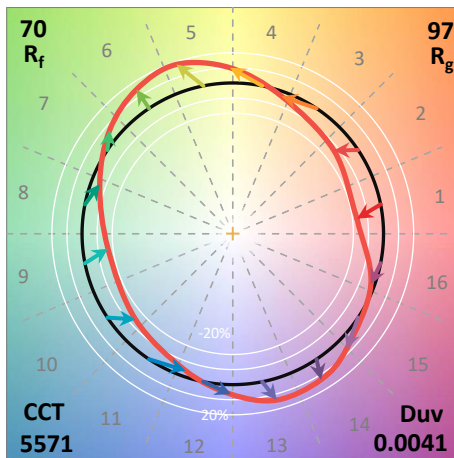
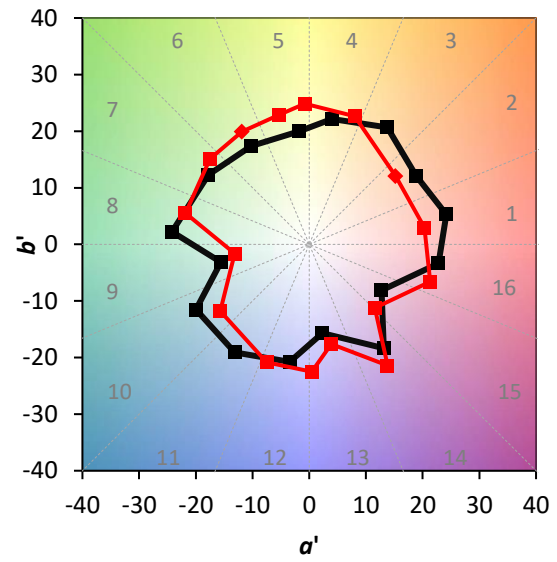
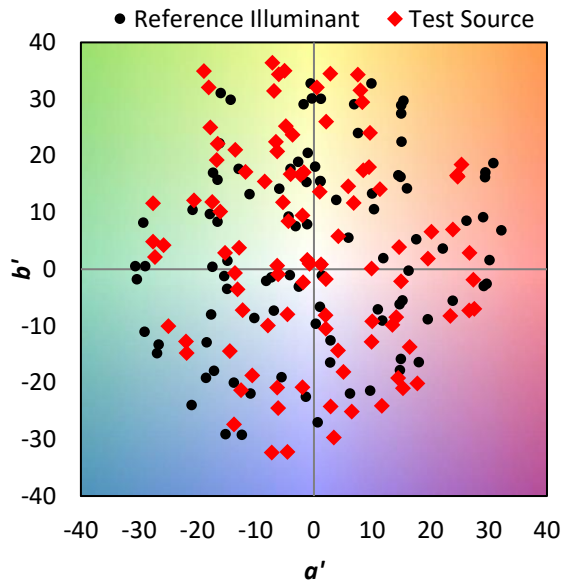
TM-30-18

Summary

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

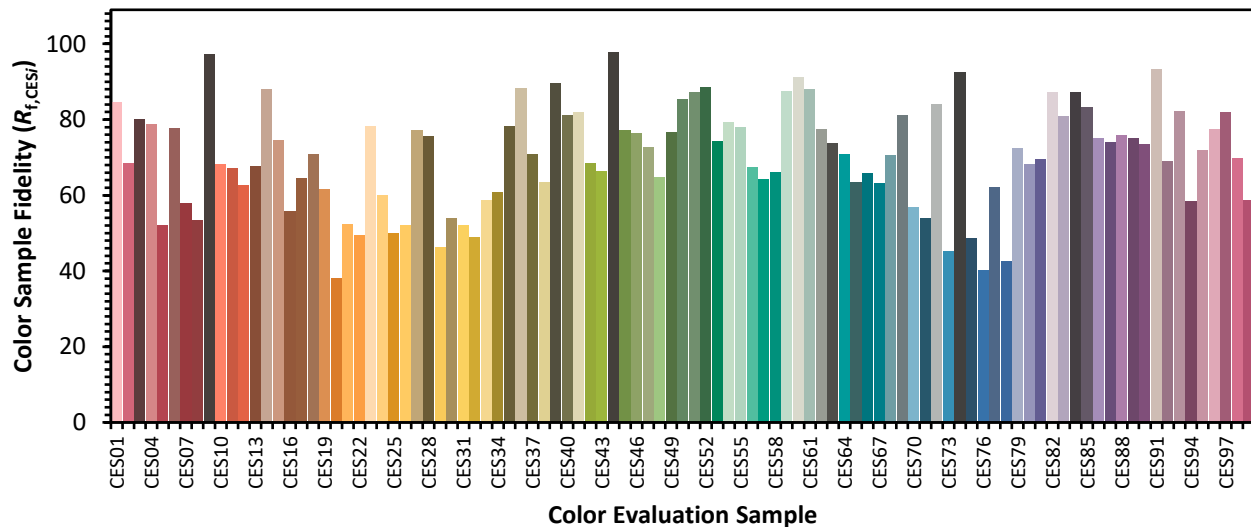


Color Vector Graphics

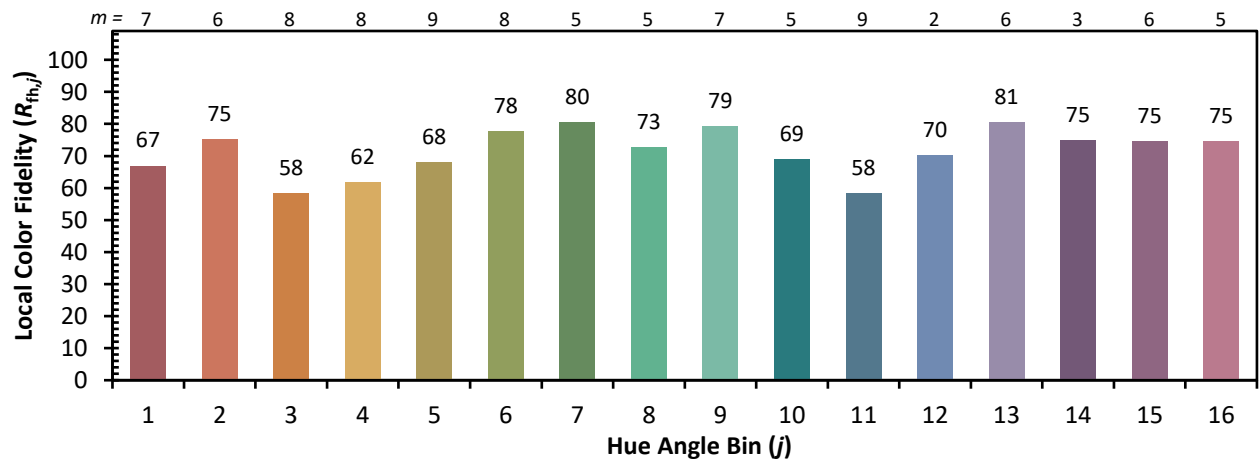
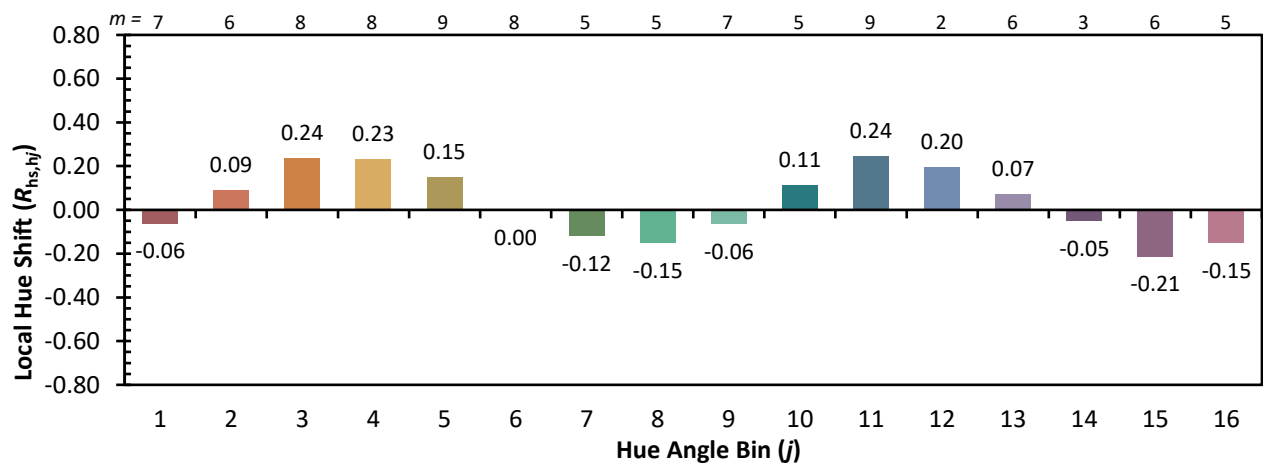
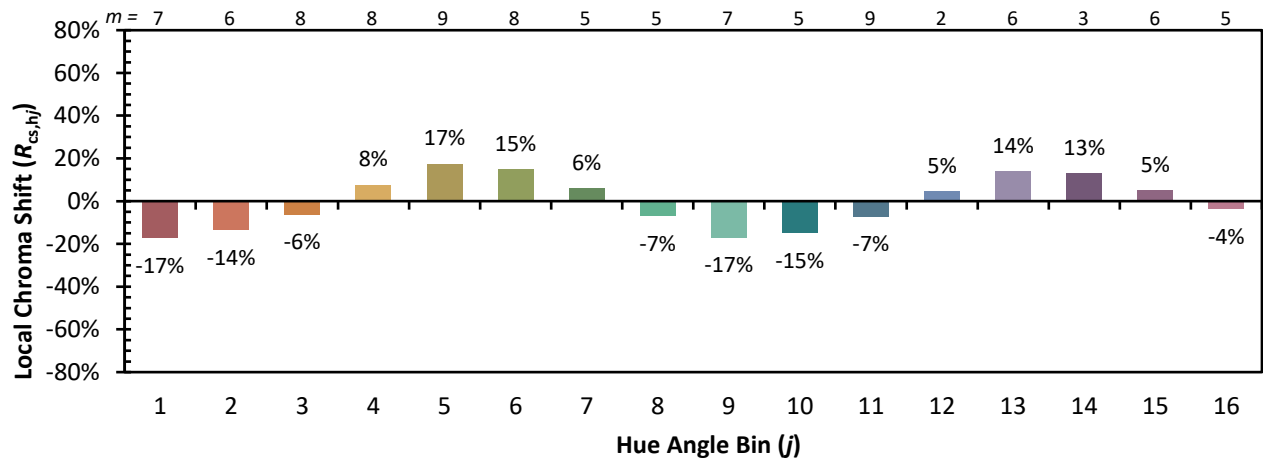


Individual Sample Fidelity Index ($R_{f,i}$)

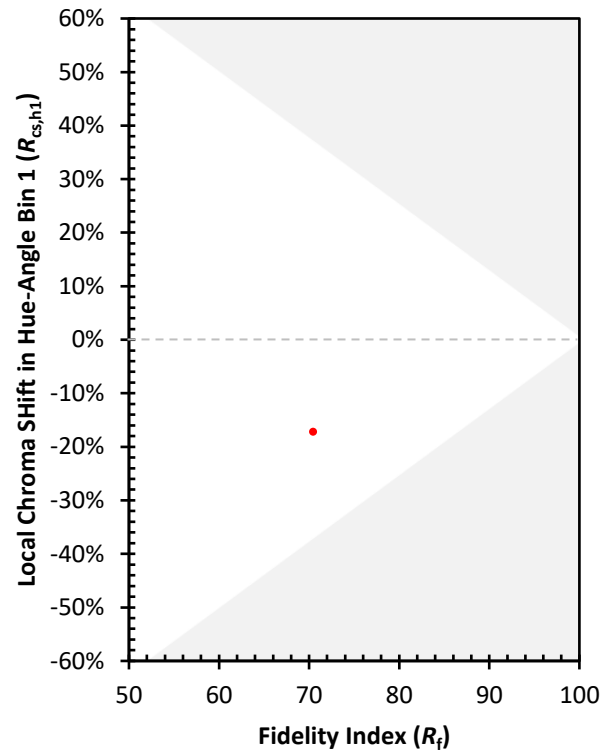
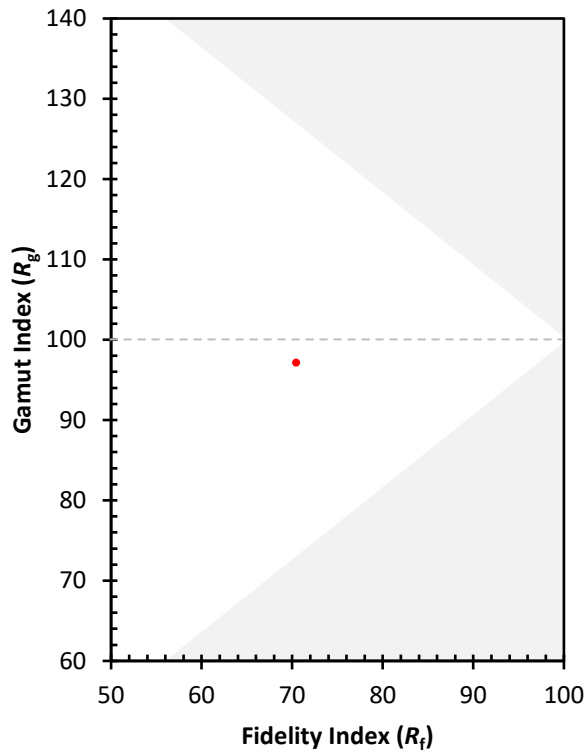
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 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)