

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: P1047849

Luminaire Tested: **GALN-SA3A-760-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047849
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10998.8 lumens
Efficiency: N/A
Efficacy: 135.1 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): 81.4
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

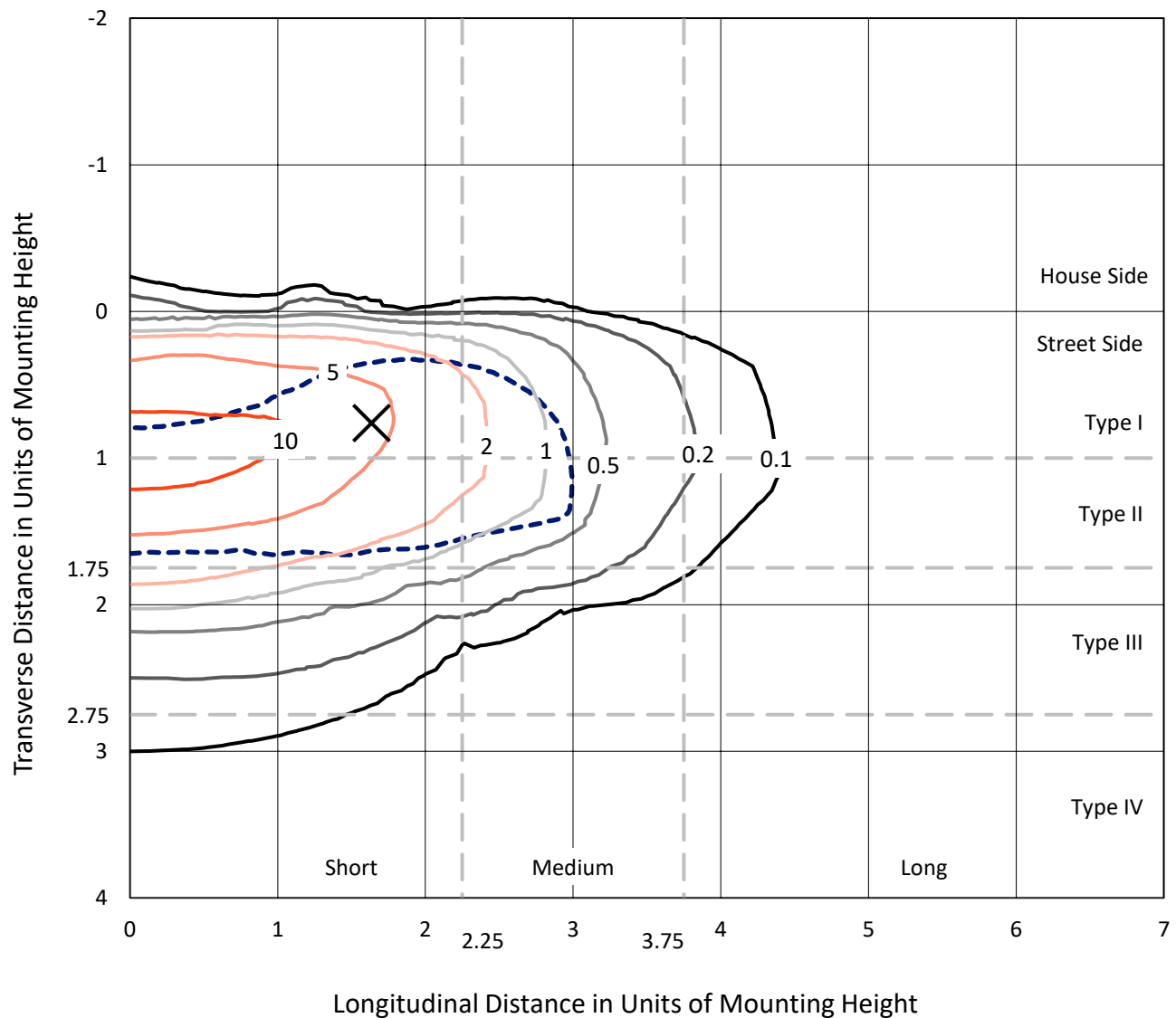


REPORT NUMBER: P1047849

CATALOG NUMBER: GALN-SA3A-760-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

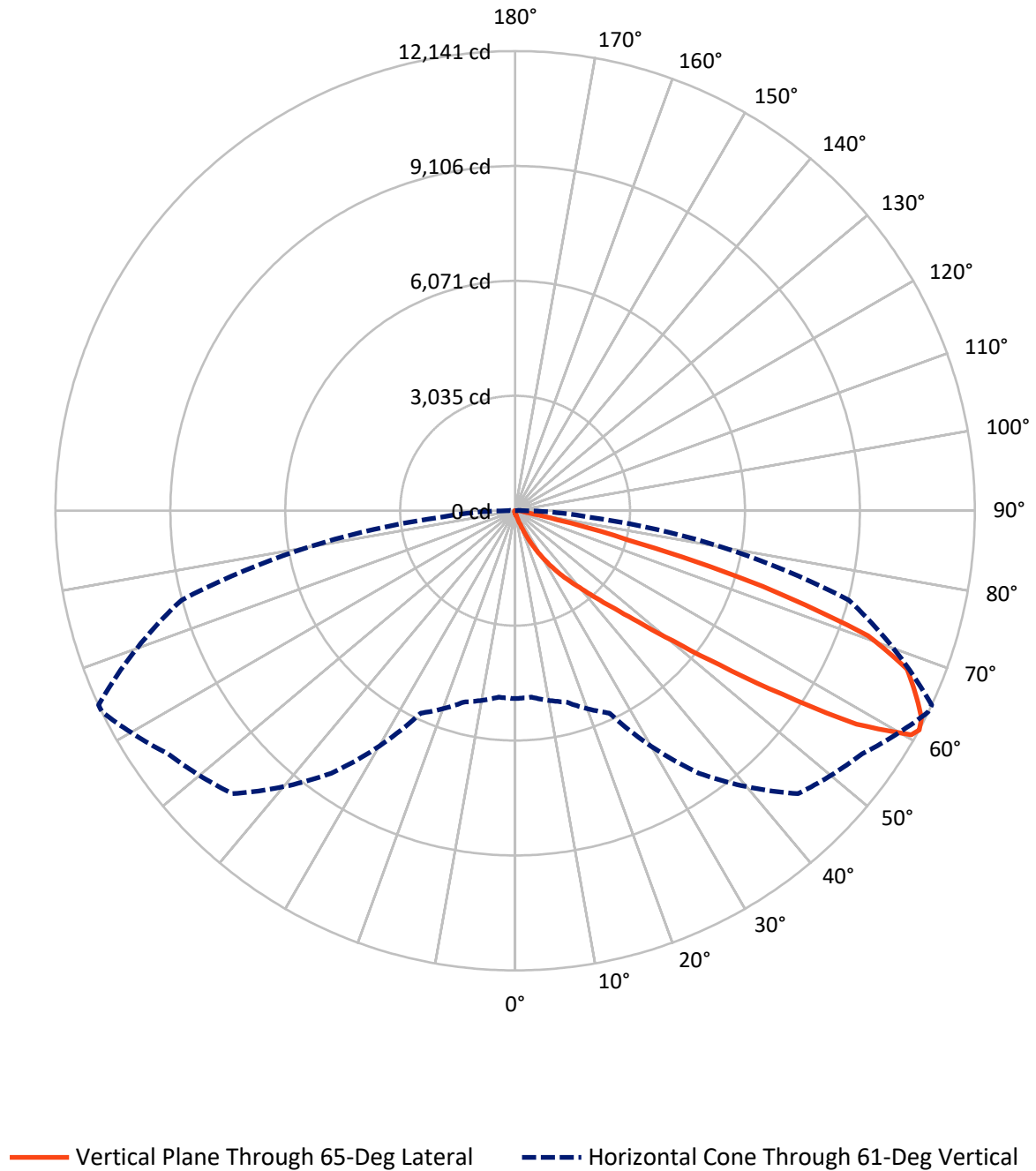


Based on 15 foot mounting height. Maximum calculated value = 14.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1047849

CATALOG NUMBER: GALN-SA3A-760-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047849

CATALOG NUMBER: GALN-SA3A-760-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.0	0.0	47.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10951.8	0.0	10951.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	10998.8	0.0	10998.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.1
10°-20°	90.4	0.8
20°-30°	324.6	3.0
30°-40°	864.2	7.9
40°-50°	2270.2	20.6
50°-60°	3517.0	32.0
60°-70°	2948.9	26.8
70°-80°	867.8	7.9
80°-90°	107.1	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°	10998.8	100.0
0°-180°	10998.8	100.0



REPORT NUMBER: P1047849

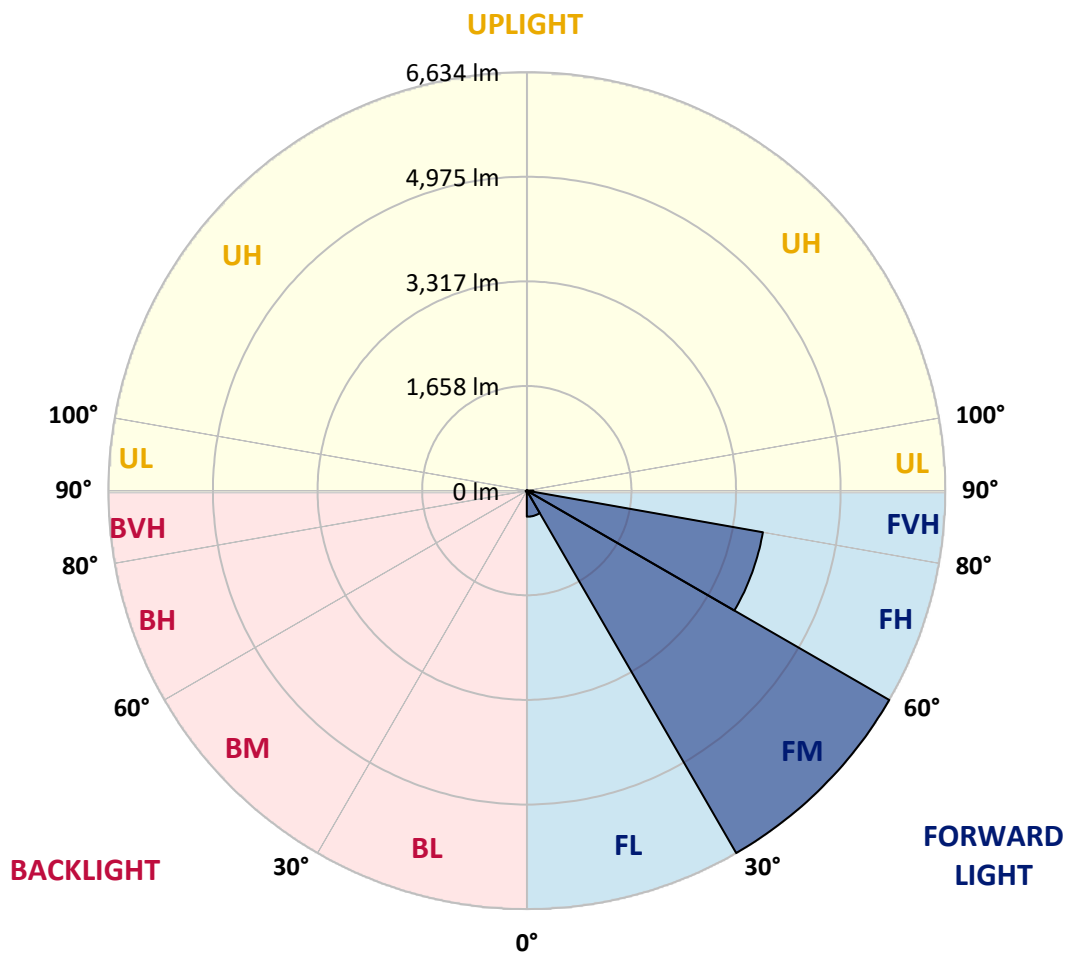
CATALOG NUMBER: GALN-SA3A-760-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	413.1	3.8			
FM	(30°-60°)	6633.5	60.3			
FH	(60°-80°)	3800.2	34.6			G2/5000
FVH	(80°-90°)	105.1	1.0			G2/225
BL	(0°-30°)	10.5	0.1	B0/110		
BM	(30°-60°)	17.9	0.2	B0/220		
BH	(60°-80°)	16.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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-G2

Type II Short



REPORT NUMBER: P1047849

CATALOG NUMBER: GALN-SA3A-760-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
2.5°	81.7	82.5	81.0	77.9	75.7	75.7	74.9	72.6	72.6	70.4	68.9
5°	114.2	112.7	109.7	103.7	98.4	93.1	87.8	82.5	81.7	74.9	70.4
7.5°	186.9	188.4	178.6	159.6	143.8	123.3	104.4	93.1	91.5	80.2	71.1
10°	410.1	398.7	376.0	302.6	248.9	187.6	139.2	108.2	106.7	86.3	72.6
12.5°	747.5	738.4	696.8	621.2	482.7	335.9	203.5	133.9	129.4	91.5	73.4
15°	1077.4	1063.0	1040.3	963.9	802.0	602.3	332.9	183.1	171.0	99.1	72.6
17.5°	1287.7	1290.0	1269.6	1237.0	1132.6	891.3	575.0	273.1	249.7	112.7	71.1
20°	1471.6	1466.3	1477.6	1460.2	1386.8	1211.3	836.8	432.8	392.7	134.7	71.9
22.5°	1683.4	1696.3	1704.6	1700.8	1619.9	1470.1	1134.1	647.6	597.0	174.8	74.1
25°	1967.2	1965.6	1966.4	1956.6	1877.9	1711.4	1432.2	914.7	863.3	239.8	79.4
27.5°	2264.5	2273.6	2277.4	2241.8	2138.9	1975.5	1708.4	1206.8	1146.2	344.3	86.3
30°	2670.8	2663.2	2645.8	2573.2	2448.3	2245.6	1980.8	1513.2	1449.6	490.3	96.8
32.5°	3218.6	3210.2	3122.5	2962.1	2775.2	2527.0	2254.7	1820.4	1743.2	672.6	111.2
35°	4121.2	4134.0	3918.4	3503.0	3167.9	2865.2	2558.1	2126.0	2057.9	897.3	130.9
37.5°	5503.5	5433.1	5140.3	4406.4	3684.6	3287.4	2847.8	2434.7	2375.7	1174.2	156.6
40°	6846.5	6776.8	6692.1	5996.8	4582.7	3752.7	3253.4	2797.1	2720.7	1486.7	194.4
42.5°	8258.3	8219.7	8215.9	7691.6	6221.5	4484.4	3741.4	3221.6	3156.5	1829.5	256.5
45°	9258.5	9219.9	9300.9	9392.4	8453.5	6052.0	4591.0	3773.2	3678.6	2245.6	355.6
47.5°	9393.2	9394.7	9611.1	9897.8	10111.9	8476.9	5722.9	4504.0	4389.0	2841.0	522.1
50°	8945.3	8962.7	9306.9	9819.9	10396.4	10511.4	7718.8	5564.8	5394.5	3546.9	758.1
52.5°	8092.6	8112.2	8591.9	9435.5	10134.6	11000.2	10068.8	6952.4	6756.4	4427.6	1091.0
55°	7324.6	7336.7	7886.8	8952.8	9819.1	10734.6	11464.0	8805.3	8548.0	5511.1	1419.4
57.5°	6564.2	6536.2	6894.1	8114.5	9765.4	10408.5	11669.8	10916.9	10633.2	6695.1	1675.1
60°	5547.4	5500.5	5788.0	6564.2	9058.7	10622.6	11284.7	12085.1	12020.8	8343.8	1872.6
61°	4962.5	4942.9	5231.9	5897.7	8464.1	10568.2	11192.3	12134.3	12141.1	9123.8	1961.1
62.5°	3543.9	3599.9	4041.7	4907.3	7089.3	10214.8	11204.5	11982.2	12049.6	10160.3	2190.3
65°	1575.2	1665.3	2008.8	2713.2	4122.7	8497.3	11097.0	11648.6	11615.3	10444.8	2980.2
67.5°	934.4	948.0	1119.0	1537.4	2183.5	4570.6	9792.6	11207.5	11162.8	9092.8	3708.1
70°	736.2	743.0	797.5	964.7	1267.3	1750.8	5589.0	9696.6	9891.0	7373.0	3630.2
72.5°	698.3	696.8	704.4	733.9	798.2	868.6	2163.9	6445.5	6841.2	5309.8	3043.8
75°	689.3	686.2	678.7	667.3	578.0	511.5	670.3	2850.9	3080.1	3627.9	2291.7
77.5°	668.8	669.6	671.1	640.1	495.6	361.7	324.6	914.7	1125.1	2302.3	1629.0
80°	452.4	459.3	470.6	458.5	445.6	261.8	229.2	325.3	329.9	1292.3	1075.9
82.5°	229.2	229.2	224.0	199.7	172.5	170.2	182.3	236.1	239.1	653.7	506.2
85°	138.5	146.0	149.0	135.4	124.1	114.2	139.2	187.6	194.4	253.5	118.0
87.5°	31.0	31.8	34.8	46.2	67.3	91.5	129.4	171.7	174.8	162.7	14.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1047849

CATALOG NUMBER: GALN-SA3A-760-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
2.5°	68.1	66.6	65.8	63.6	61.3	59.0	57.5	56.7	57.5	58.3	58.3
5°	67.3	65.1	61.3	57.5	54.5	51.4	48.4	47.7	47.7	48.4	48.4
7.5°	67.3	63.6	58.3	53.7	49.2	44.6	42.4	40.9	41.6	41.6	41.6
10°	67.3	62.8	56.0	49.2	43.9	38.6	34.8	33.3	33.3	33.3	33.3
12.5°	66.6	62.0	53.7	45.4	37.8	31.8	27.2	25.0	25.7	25.7	25.7
15°	65.1	59.8	50.7	38.6	30.3	24.2	19.7	17.4	18.2	19.7	20.4
17.5°	62.8	57.5	45.4	32.5	24.2	18.2	13.6	12.1	12.9	15.1	15.1
20°	62.0	55.2	40.1	26.5	18.2	12.9	9.1	7.6	8.3	11.3	12.1
22.5°	62.0	53.7	36.3	21.9	13.6	8.3	5.3	3.0	3.0	5.3	5.3
25°	62.8	53.0	33.3	18.2	9.8	6.1	3.0	1.5	3.0	8.3	9.8
27.5°	64.3	52.2	31.8	15.1	7.6	5.3	2.3	5.3	9.1	9.1	9.1
30°	65.8	50.7	29.5	12.9	6.8	3.8	3.8	7.6	7.6	9.1	9.8
32.5°	68.1	49.9	28.0	11.3	5.3	3.0	5.3	4.5	4.5	5.3	6.1
35°	72.6	50.7	26.5	11.3	5.3	3.8	4.5	2.3	1.5	1.5	1.5
37.5°	78.7	51.4	24.2	9.8	4.5	4.5	2.3	0.0	0.0	0.0	0.0
40°	88.5	53.7	22.7	9.1	3.8	3.8	0.8	0.0	0.0	0.0	0.0
42.5°	105.2	58.3	21.9	8.3	3.8	3.0	0.0	0.0	0.0	0.0	0.0
45°	138.5	68.9	20.4	7.6	3.8	1.5	0.0	0.0	0.0	0.0	0.0
47.5°	199.0	93.8	19.7	6.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	290.5	127.1	18.9	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	370.7	133.9	12.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	379.8	92.3	9.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	302.6	59.8	8.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	229.2	45.4	7.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	220.2	40.9	7.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	242.9	35.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	394.9	29.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	686.2	25.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	867.1	24.2	4.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	755.8	21.9	4.5	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	454.7	18.9	4.5	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	238.3	14.4	4.5	3.8	2.3	0.8	0.0	0.0	0.0	0.0	0.0
80°	115.8	12.9	5.3	3.8	3.0	1.5	0.0	0.0	0.0	0.0	0.0
82.5°	45.4	10.6	6.1	5.3	3.8	2.3	0.8	0.0	0.0	0.0	0.0
85°	20.4	9.1	6.8	6.1	5.3	3.0	0.8	0.0	0.0	0.0	0.0
87.5°	10.6	8.3	7.6	6.8	5.3	3.8	1.5	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

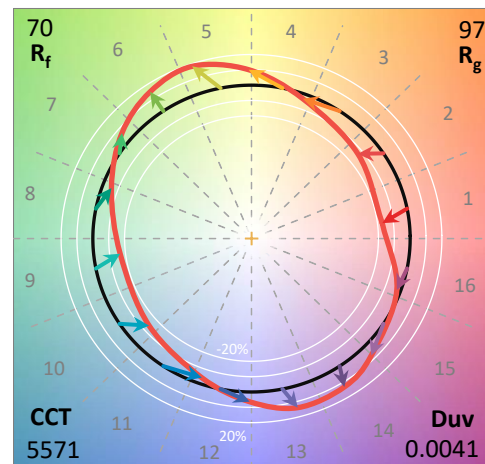
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

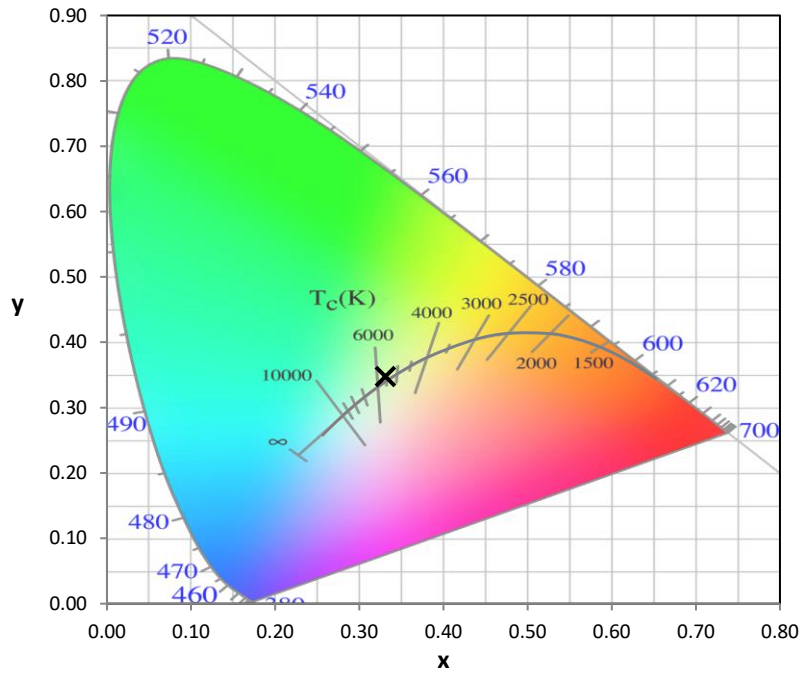
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

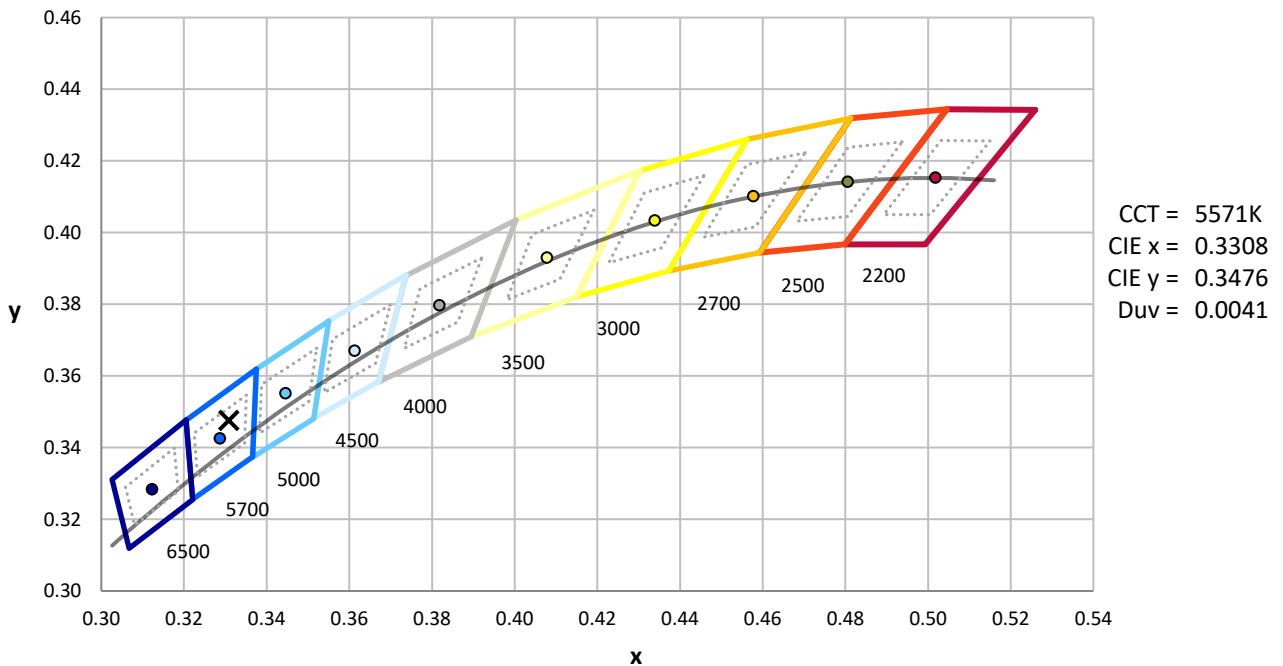
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



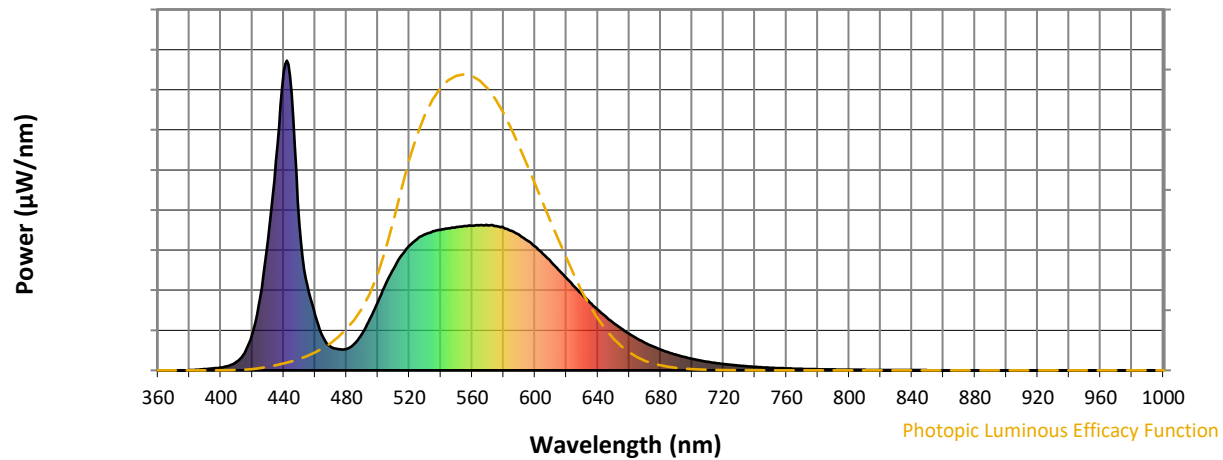
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

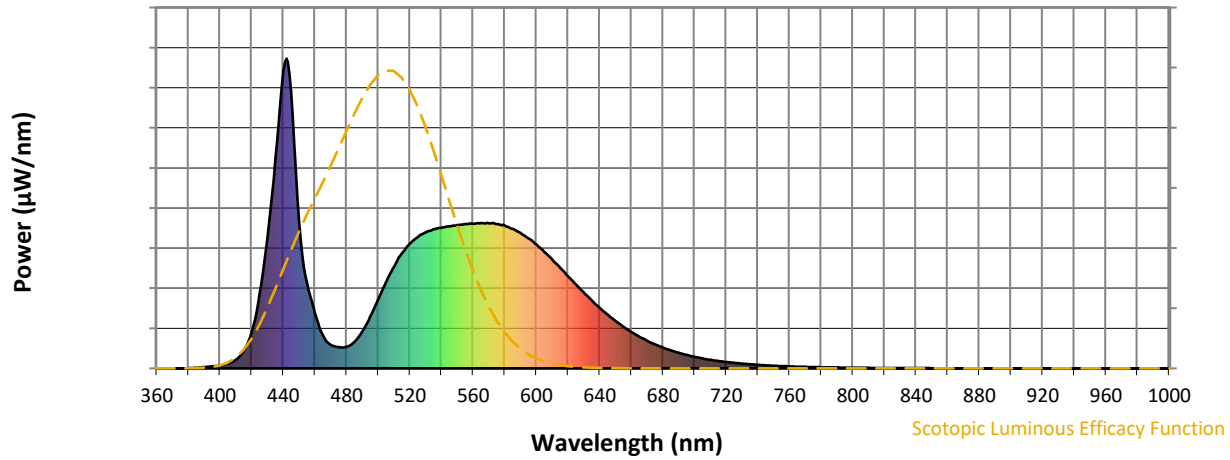


Photopic Lumens: NR

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



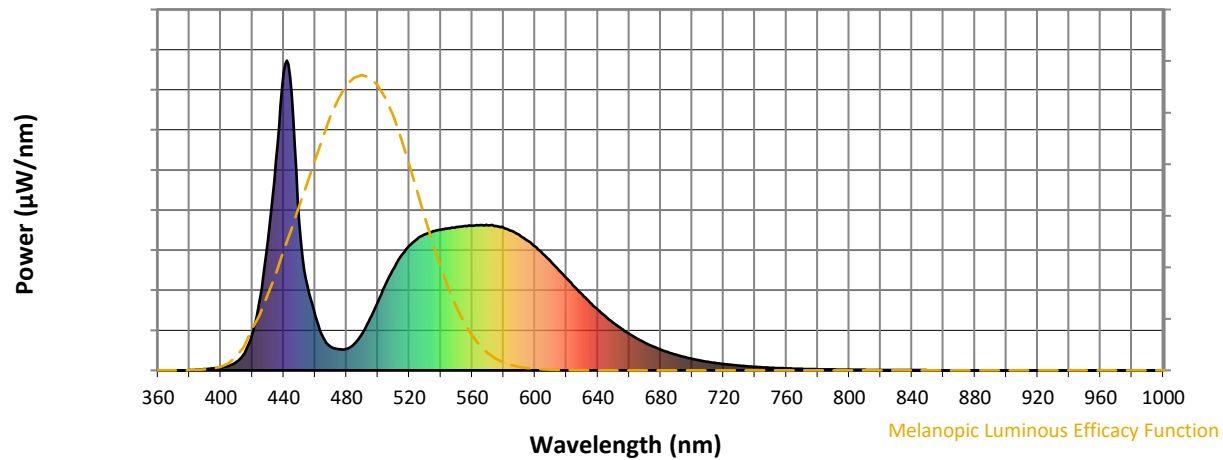
Scotopic Lumens: NR

S/P: 1.84

λ (nm)	Power W [^] /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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

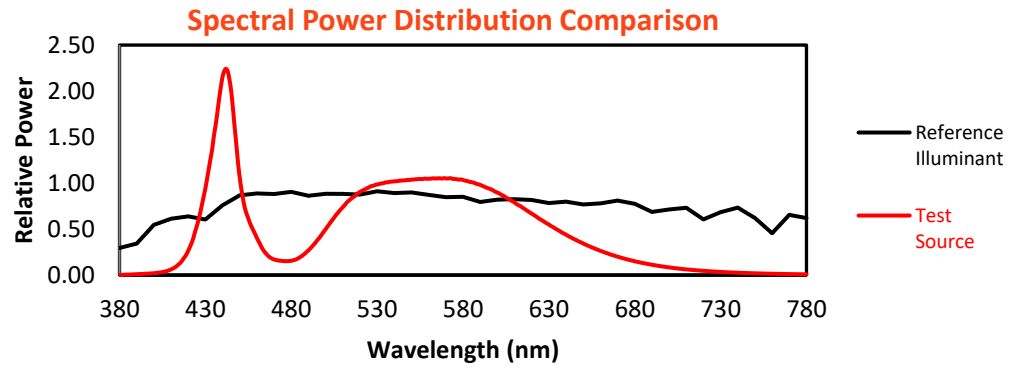
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	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			

REPORT NUMBER: SP1-2407-184-7

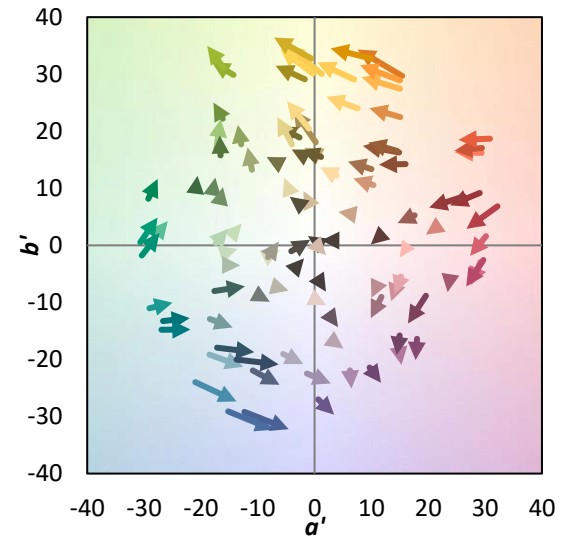
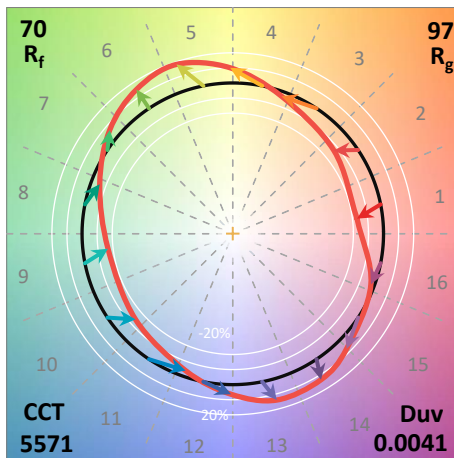
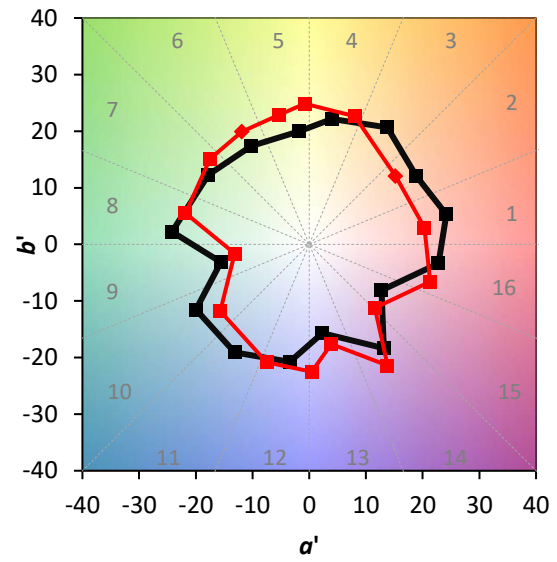
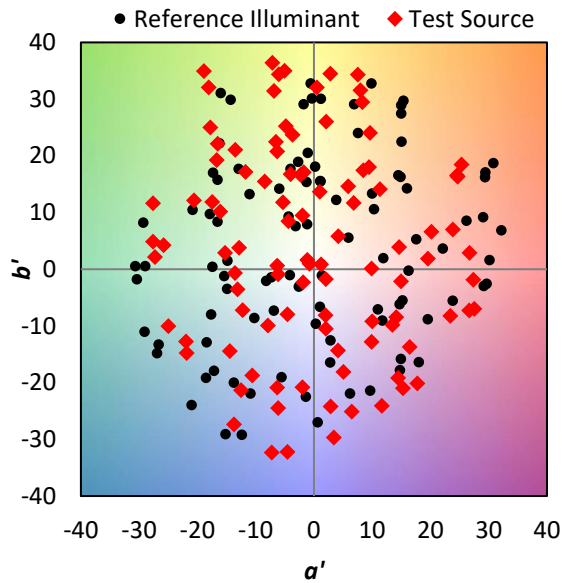
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $\text{CIE } R_a = 69.9$
 $R_g = -35.4$

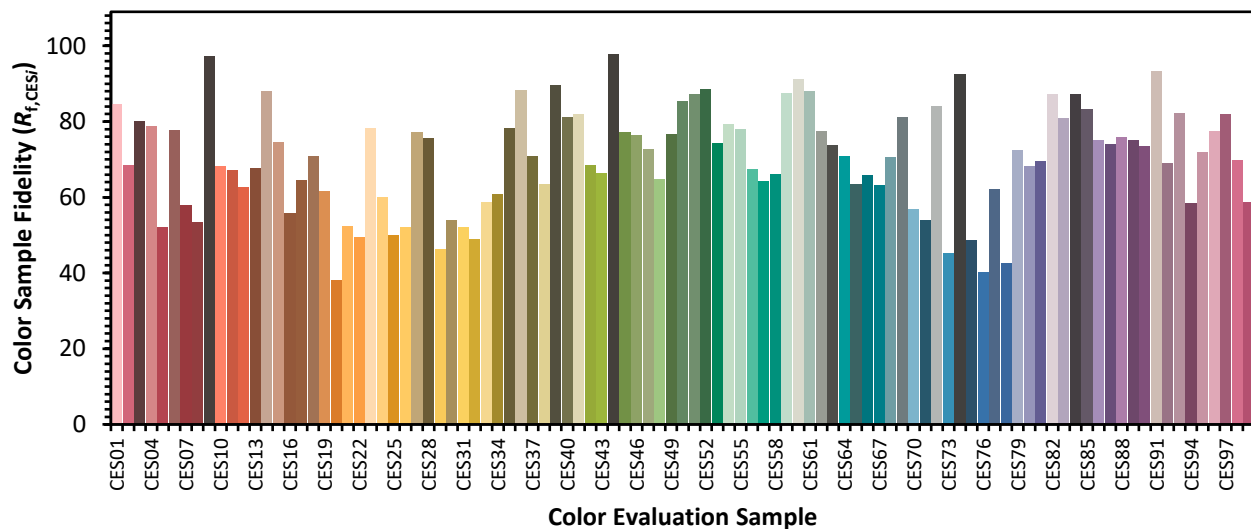


Color Vector Graphics

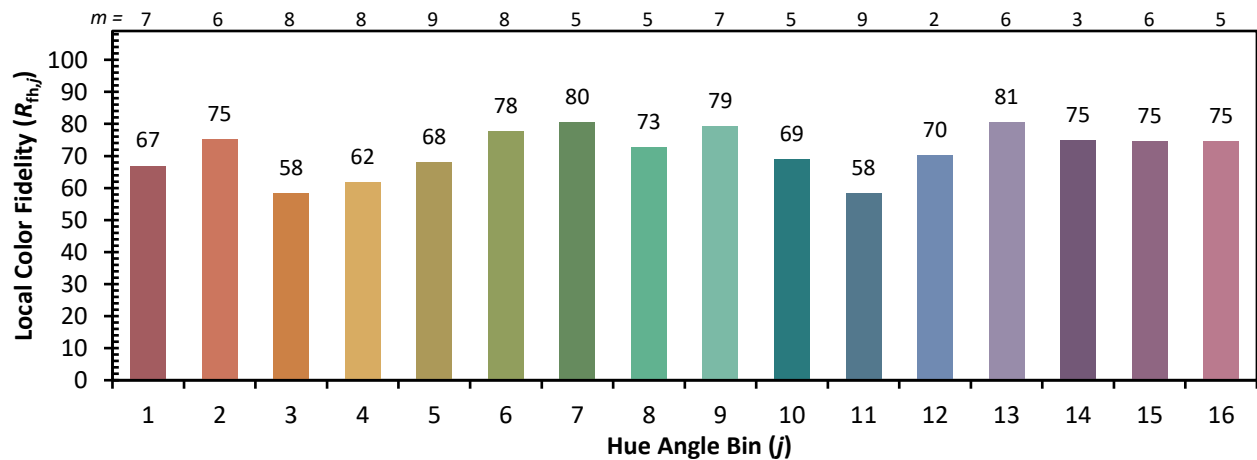
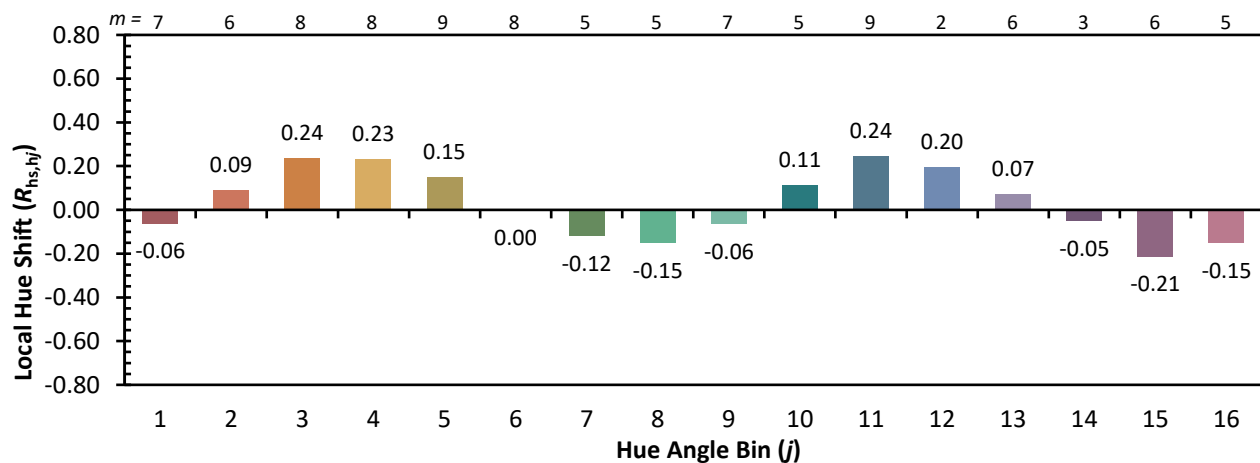
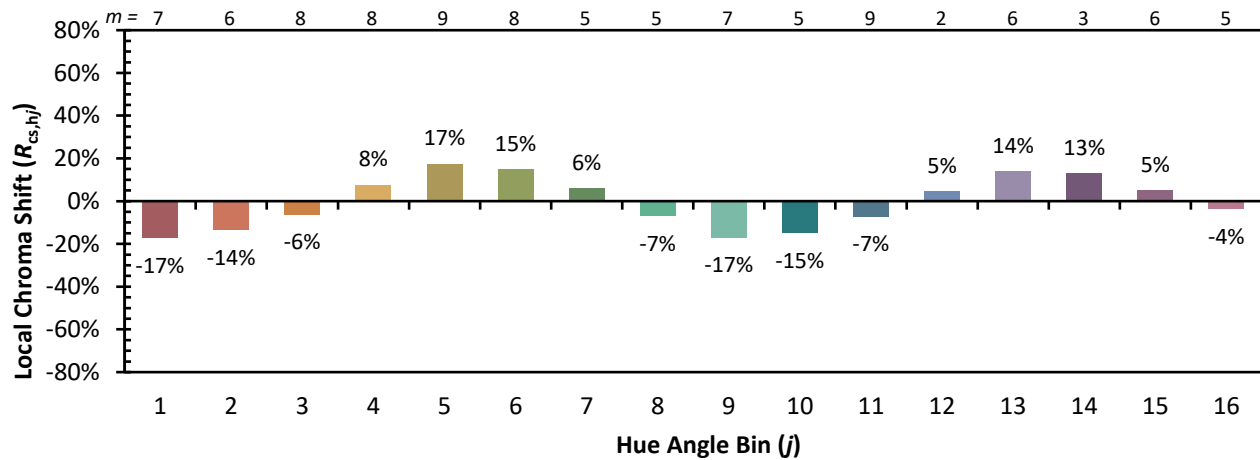


Individual Sample Fidelity Index ($R_{f,i}$)

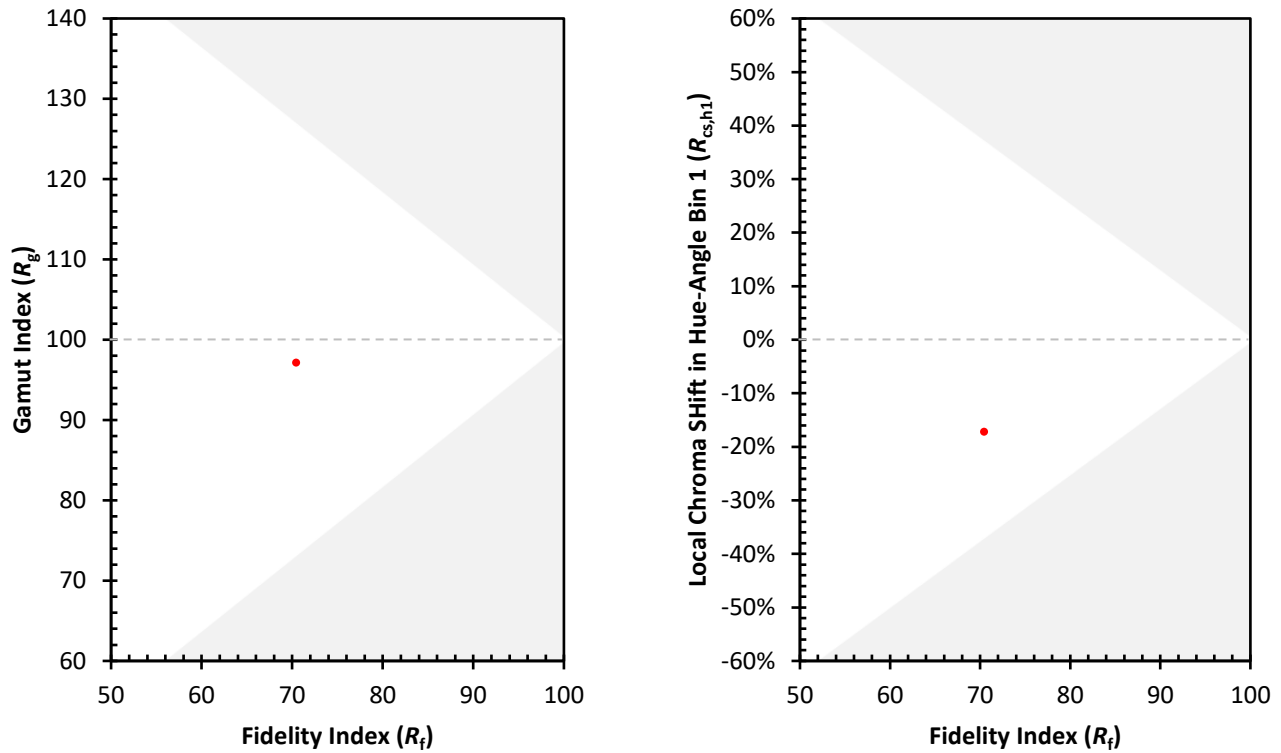
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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