

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: P1047783

Luminaire Tested: **GALN-SA4C-735-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047783
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-735-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22068.7 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

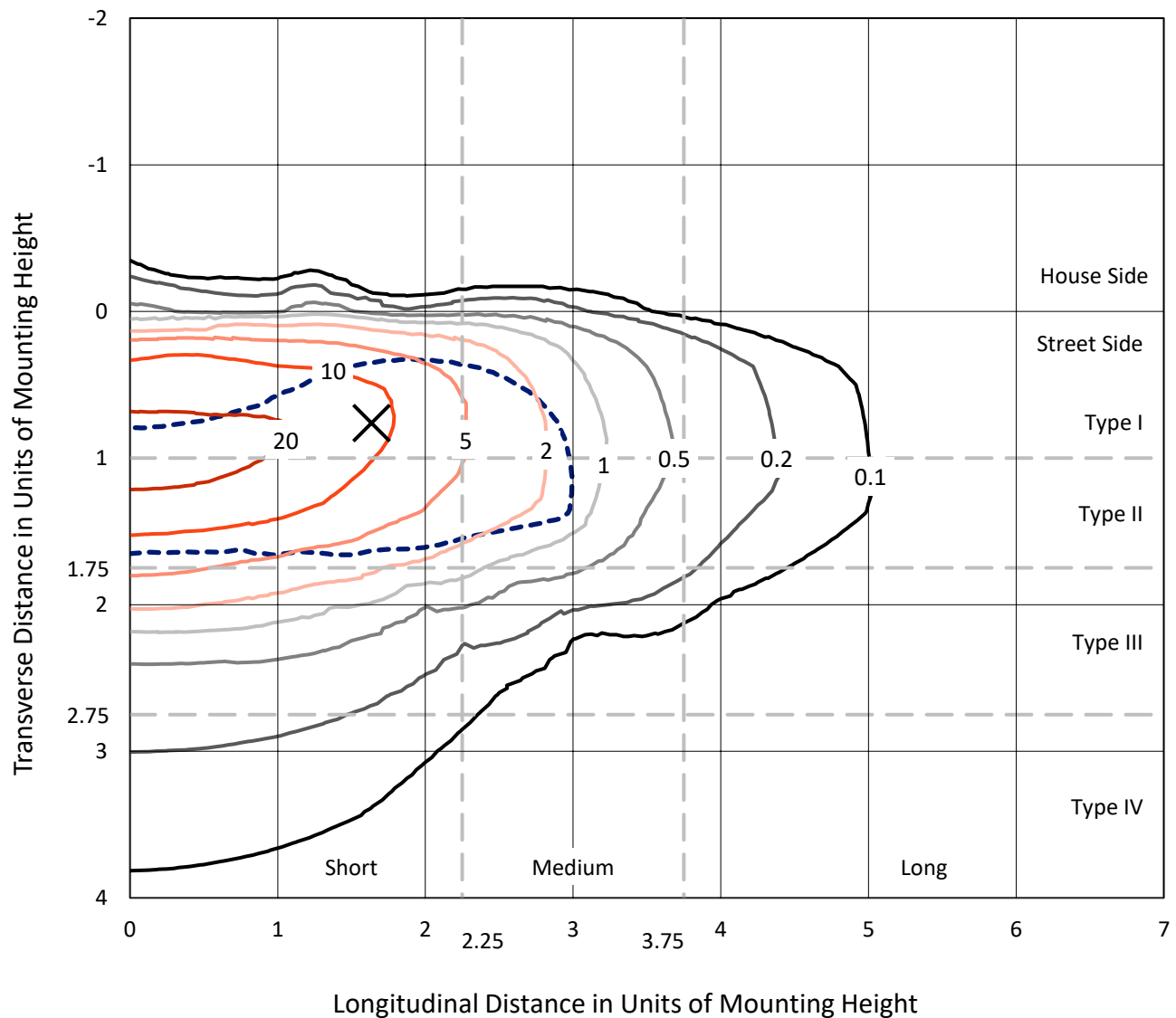


REPORT NUMBER: P1047783

CATALOG NUMBER: GALN-SA4C-735-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

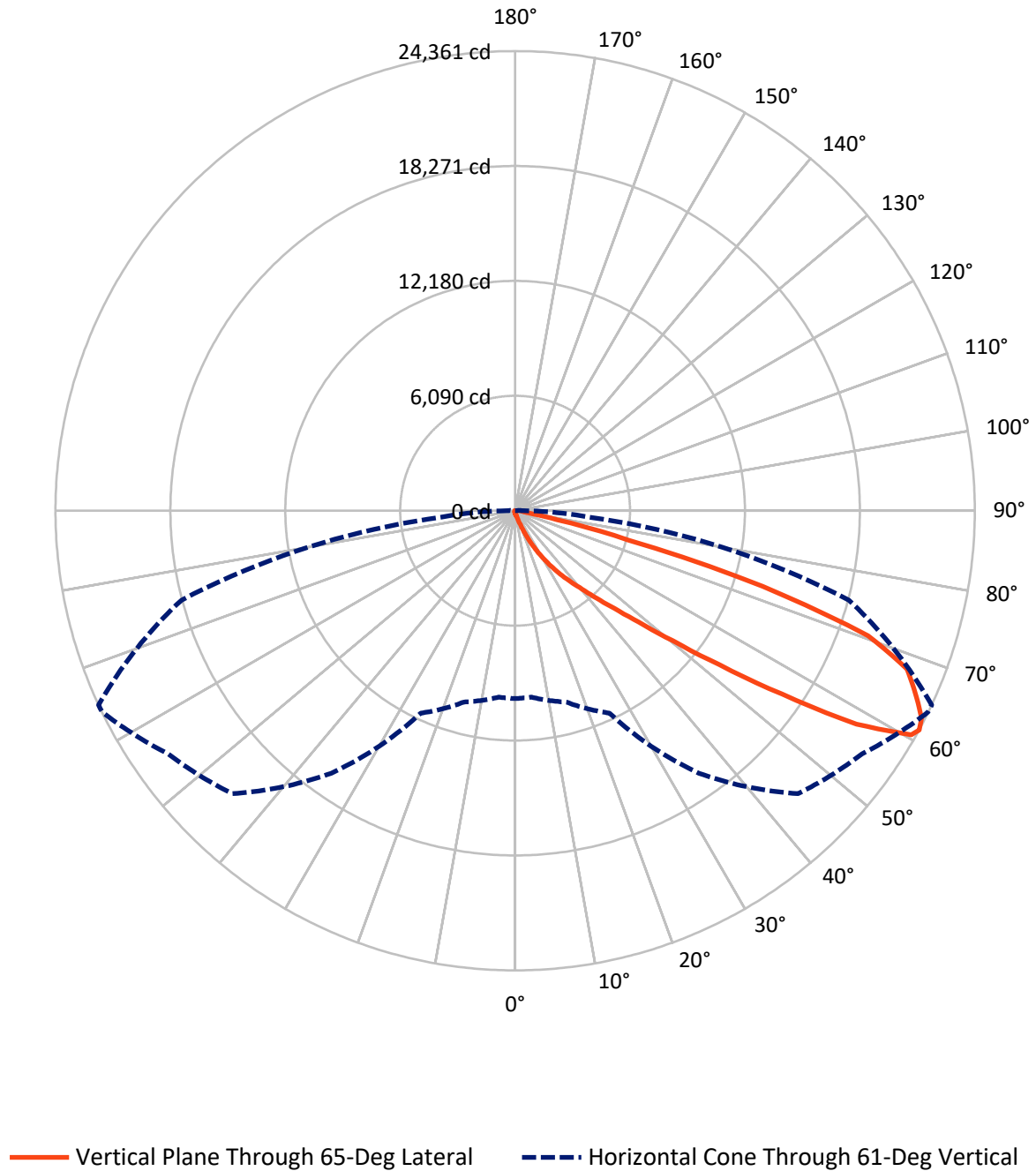


Based on 15 foot mounting height. Maximum calculated value = 29.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1047783

CATALOG NUMBER: GALN-SA4C-735-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047783

CATALOG NUMBER: GALN-SA4C-735-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	94.2	0.0	94.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21974.5	0.0	21974.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	22068.7	0.0	22068.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	0.1
10°-20°	181.5	0.8
20°-30°	651.3	3.0
30°-40°	1734.0	7.9
40°-50°	4555.1	20.6
50°-60°	7056.7	32.0
60°-70°	5917.0	26.8
70°-80°	1741.3	7.9
80°-90°	214.8	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°	22068.7	100.0
0°-180°	22068.7	100.0



REPORT NUMBER: P1047783

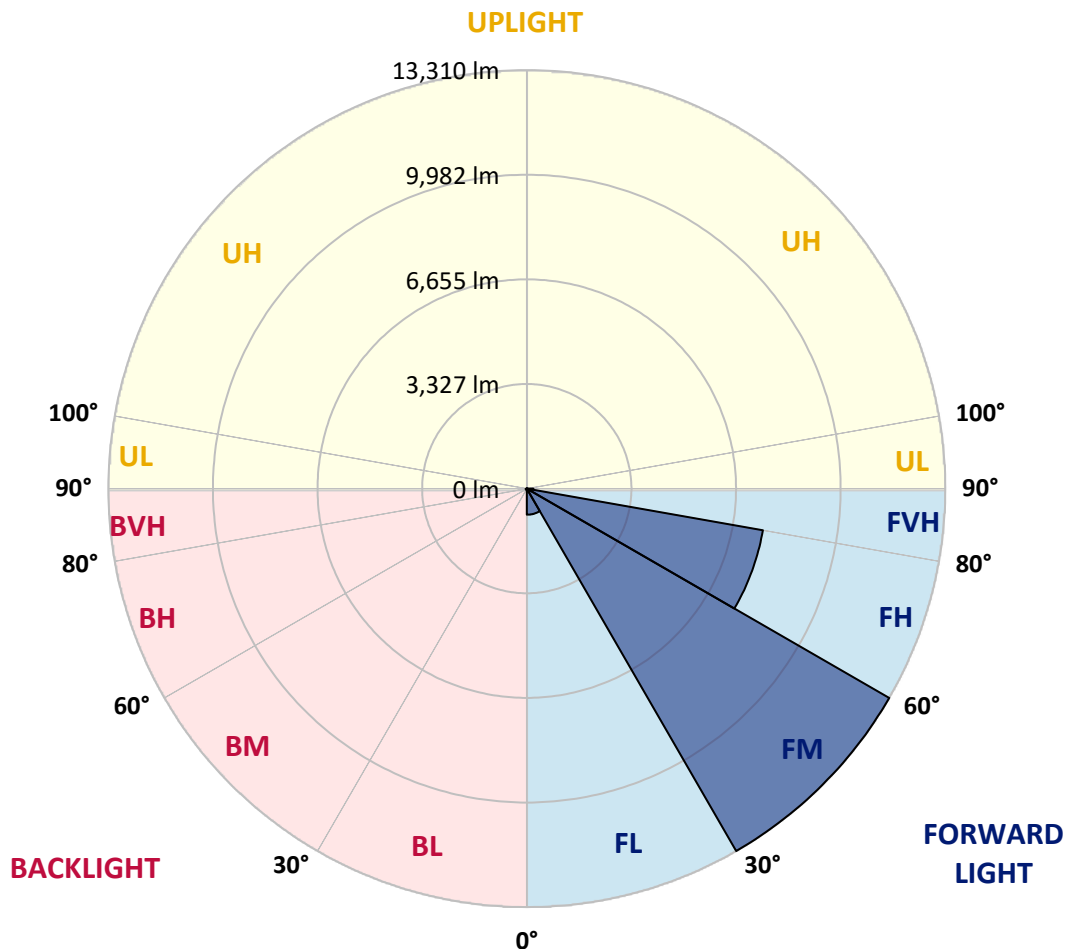
CATALOG NUMBER: GALN-SA4C-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	828.8	3.8			
FM	(30°-60°)	13309.9	60.3			
FH	(60°-80°)	7625.0	34.6			G4/12000
FVH	(80°-90°)	210.8	1.0			G2/225
BL	(0°-30°)	21.1	0.1	B0/110		
BM	(30°-60°)	35.9	0.2	B0/220		
BH	(60°-80°)	33.2	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



REPORT NUMBER: P1047783

CATALOG NUMBER: GALN-SA4C-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
2.5°	164.0	165.5	162.4	156.4	151.8	151.8	150.3	145.7	145.7	141.2	138.1
5°	229.2	226.2	220.1	208.0	197.4	186.7	176.1	165.5	164.0	150.3	141.2
7.5°	375.0	378.0	358.3	320.3	288.4	247.4	209.5	186.7	183.7	160.9	142.7
10°	822.8	800.0	754.5	607.2	499.5	376.5	279.3	217.1	214.1	173.1	145.7
12.5°	1499.9	1481.7	1398.2	1246.4	968.5	674.0	408.4	268.7	259.6	183.7	147.3
15°	2161.8	2132.9	2087.4	1934.0	1609.2	1208.4	668.0	367.4	343.1	198.9	145.7
17.5°	2583.8	2588.3	2547.4	2482.1	2272.6	1788.3	1153.7	548.0	501.0	226.2	142.7
20°	2952.7	2942.1	2964.8	2929.9	2782.7	2430.5	1679.0	868.3	787.9	270.2	144.2
22.5°	3377.7	3403.6	3420.3	3412.7	3250.2	2949.6	2275.6	1299.5	1197.8	350.7	148.8
25°	3947.0	3944.0	3945.5	3925.8	3767.9	3433.9	2873.7	1835.4	1732.1	481.2	159.4
27.5°	4543.6	4561.9	4569.5	4498.1	4291.6	3963.7	3427.8	2421.4	2299.9	690.7	173.1
30°	5358.9	5343.7	5308.8	5163.0	4912.5	4505.7	3974.4	3036.2	2908.7	983.7	194.3
32.5°	6458.0	6441.3	6265.2	5943.3	5568.4	5070.4	4523.9	3652.5	3497.7	1349.6	223.2
35°	8269.0	8294.8	7862.2	7028.8	6356.2	5749.0	5132.7	4265.8	4129.2	1800.5	262.6
37.5°	11042.6	10901.4	10313.9	8841.4	7393.1	6596.1	5714.1	4885.2	4766.8	2356.1	314.2
40°	13737.2	13597.5	13427.5	12032.4	9195.1	7529.7	6527.8	5612.4	5459.1	2983.0	390.1
42.5°	16570.0	16492.5	16484.9	15432.9	12483.3	8997.7	7507.0	6464.0	6333.5	3670.7	514.6
45°	18576.9	18499.4	18661.9	18845.6	16961.6	12143.2	9211.8	7570.7	7381.0	4505.7	713.5
47.5°	18847.1	18850.1	19284.3	19859.7	20289.3	17008.7	11482.8	9037.2	8806.4	5700.4	1047.5
50°	17948.4	17983.3	18674.0	19703.3	20860.1	21090.8	15487.6	11165.6	10824.0	7116.8	1521.1
52.5°	16237.5	16277.0	17239.4	18932.1	20334.8	22071.5	20202.7	13949.7	13556.5	8883.9	2189.1
55°	14696.6	14720.9	15824.6	17963.6	19701.8	21538.7	23002.1	17667.5	17151.4	11057.8	2847.9
57.5°	13170.9	13114.8	13832.8	16281.5	19594.0	20884.4	23415.0	21904.5	21335.2	13433.6	3361.1
60°	11130.6	11036.5	11613.4	13170.9	18176.1	21314.0	22642.3	24248.4	24119.4	16741.5	3757.3
61°	9957.2	9917.7	10497.6	11833.5	16982.9	21204.7	22457.1	24347.1	24360.8	18306.6	3934.9
62.5°	7110.7	7223.1	8109.6	9846.3	14224.5	20495.7	22481.4	24042.0	24177.1	20386.4	4394.9
65°	3160.7	3341.3	4030.5	5443.9	8272.1	17049.7	22265.8	23372.5	23305.7	20957.2	5979.8
67.5°	1874.8	1902.2	2245.3	3084.8	4381.2	9170.8	19648.6	22487.5	22397.9	18244.4	7440.2
70°	1477.1	1490.8	1600.1	1935.6	2542.8	3512.9	11214.1	19455.8	19846.0	14793.8	7283.8
72.5°	1401.2	1398.2	1413.3	1472.5	1601.6	1742.8	4341.7	12932.6	13726.6	10654.0	6107.3
75°	1383.0	1376.9	1361.7	1339.0	1159.8	1026.2	1345.0	5720.2	6180.1	7279.2	4598.3
77.5°	1342.0	1343.5	1346.5	1284.3	994.3	725.6	651.3	1835.4	2257.4	4619.5	3268.4
80°	907.8	921.5	944.3	920.0	894.2	525.3	460.0	652.8	661.9	2592.9	2158.7
82.5°	460.0	460.0	449.4	400.8	346.1	341.6	365.9	473.6	479.7	1311.6	1015.6
85°	277.8	293.0	299.1	271.7	249.0	229.2	279.3	376.5	390.1	508.6	236.8
87.5°	62.2	63.8	69.8	92.6	135.1	183.7	259.6	344.6	350.7	326.4	28.8
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: P1047783

CATALOG NUMBER: GALN-SA4C-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
2.5°	136.6	133.6	132.1	127.5	123.0	118.4	115.4	113.9	115.4	116.9	116.9
5°	135.1	130.6	123.0	115.4	109.3	103.2	97.2	95.6	95.6	97.2	97.2
7.5°	135.1	127.5	116.9	107.8	98.7	89.6	85.0	82.0	83.5	83.5	83.5
10°	135.1	126.0	112.3	98.7	88.0	77.4	69.8	66.8	66.8	66.8	66.8
12.5°	133.6	124.5	107.8	91.1	75.9	63.8	54.7	50.1	51.6	51.6	51.6
15°	130.6	119.9	101.7	77.4	60.7	48.6	39.5	34.9	36.4	39.5	41.0
17.5°	126.0	115.4	91.1	65.3	48.6	36.4	27.3	24.3	25.8	30.4	30.4
20°	124.5	110.8	80.5	53.1	36.4	25.8	18.2	15.2	16.7	22.8	24.3
22.5°	124.5	107.8	72.9	44.0	27.3	16.7	10.6	6.1	6.1	10.6	10.6
25°	126.0	106.3	66.8	36.4	19.7	12.1	6.1	3.0	6.1	16.7	19.7
27.5°	129.0	104.7	63.8	30.4	15.2	10.6	4.6	10.6	18.2	18.2	18.2
30°	132.1	101.7	59.2	25.8	13.7	7.6	7.6	15.2	15.2	18.2	19.7
32.5°	136.6	100.2	56.2	22.8	10.6	6.1	10.6	9.1	9.1	10.6	12.1
35°	145.7	101.7	53.1	22.8	10.6	7.6	9.1	4.6	3.0	3.0	3.0
37.5°	157.9	103.2	48.6	19.7	9.1	9.1	4.6	0.0	0.0	0.0	0.0
40°	177.6	107.8	45.5	18.2	7.6	7.6	1.5	0.0	0.0	0.0	0.0
42.5°	211.0	116.9	44.0	16.7	7.6	6.1	0.0	0.0	0.0	0.0	0.0
45°	277.8	138.1	41.0	15.2	7.6	3.0	0.0	0.0	0.0	0.0	0.0
47.5°	399.3	188.2	39.5	12.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	582.9	255.0	38.0	10.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	743.9	268.7	25.8	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	762.1	185.2	19.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	607.2	119.9	16.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	460.0	91.1	15.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	441.8	82.0	15.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	487.3	71.4	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	792.4	59.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1376.9	51.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1739.7	48.6	9.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1516.6	44.0	9.1	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	912.4	38.0	9.1	6.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	478.2	28.8	9.1	7.6	4.6	1.5	0.0	0.0	0.0	0.0	0.0
80°	232.3	25.8	10.6	7.6	6.1	3.0	0.0	0.0	0.0	0.0	0.0
82.5°	91.1	21.3	12.1	10.6	7.6	4.6	1.5	0.0	0.0	0.0	0.0
85°	41.0	18.2	13.7	12.1	10.6	6.1	1.5	0.0	0.0	0.0	0.0
87.5°	21.3	16.7	15.2	13.7	10.6	7.6	3.0	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

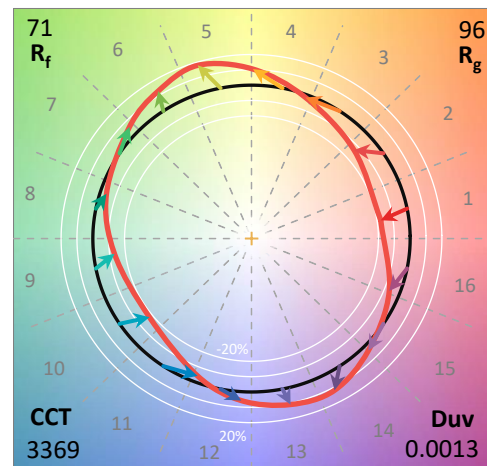
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

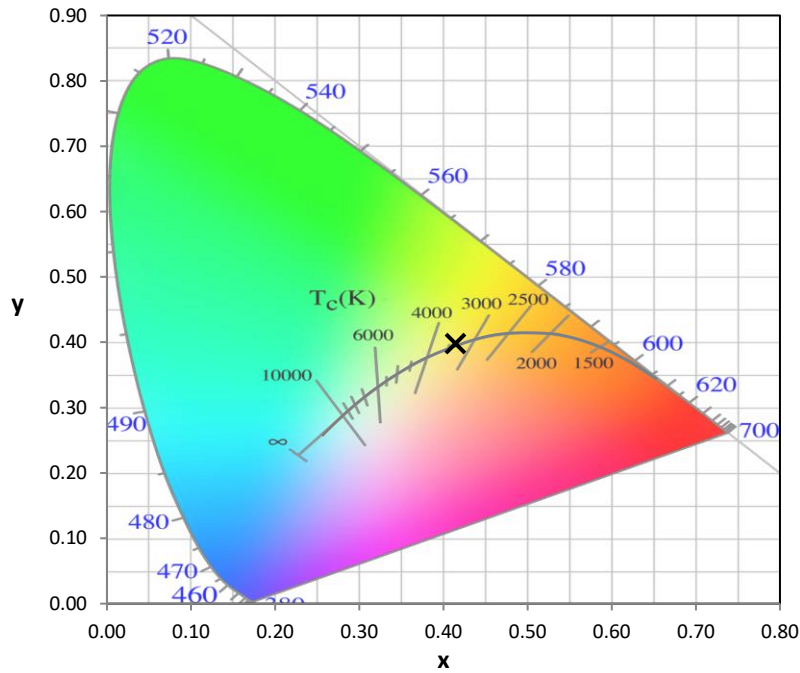
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

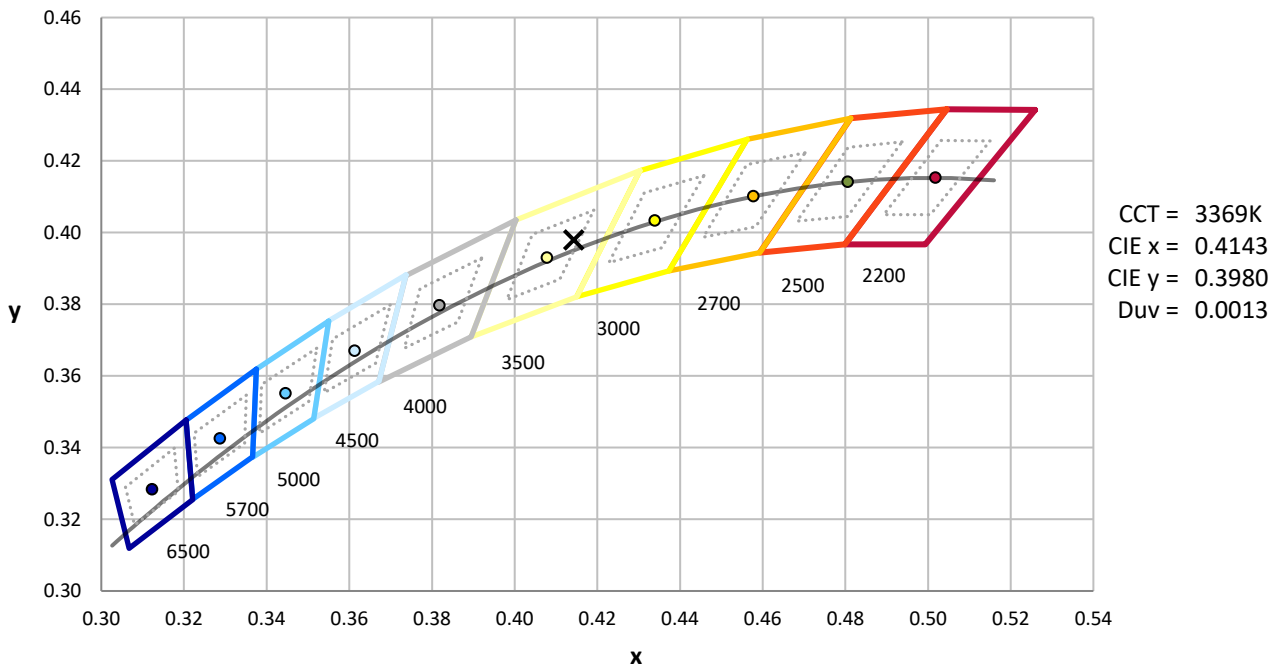
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



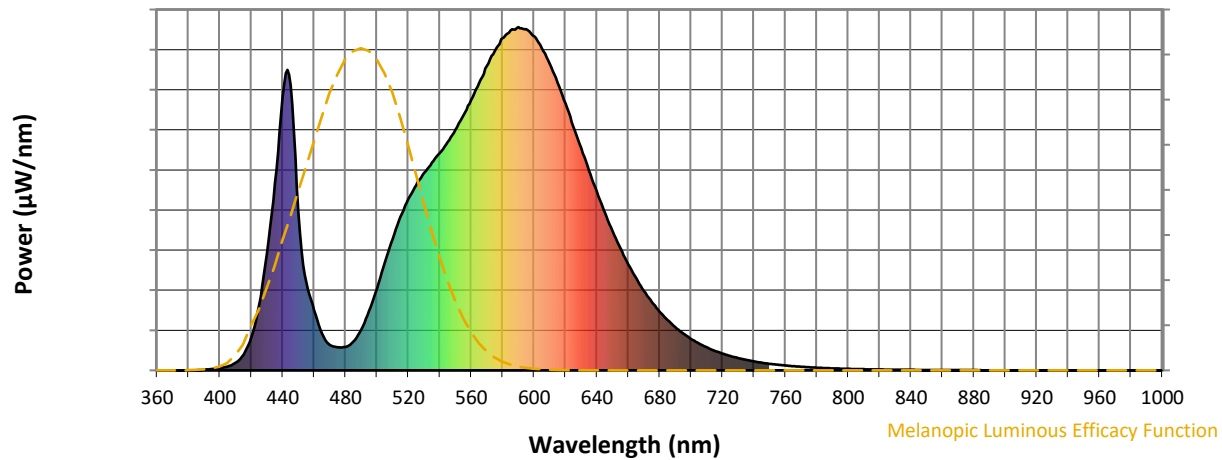
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

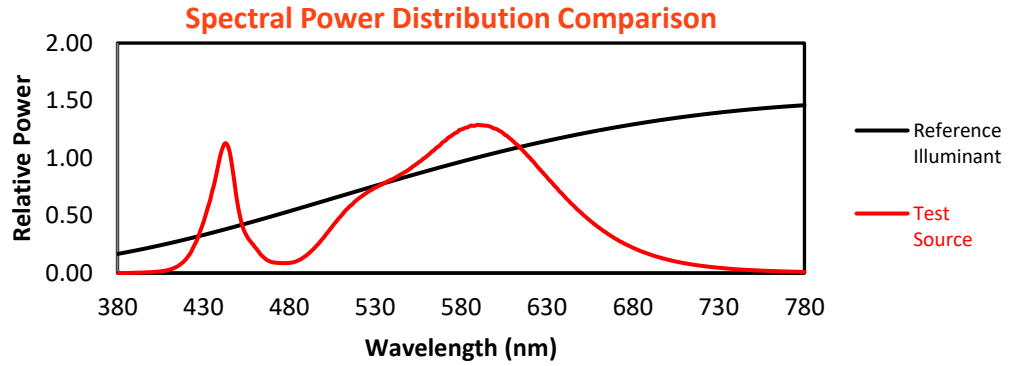
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

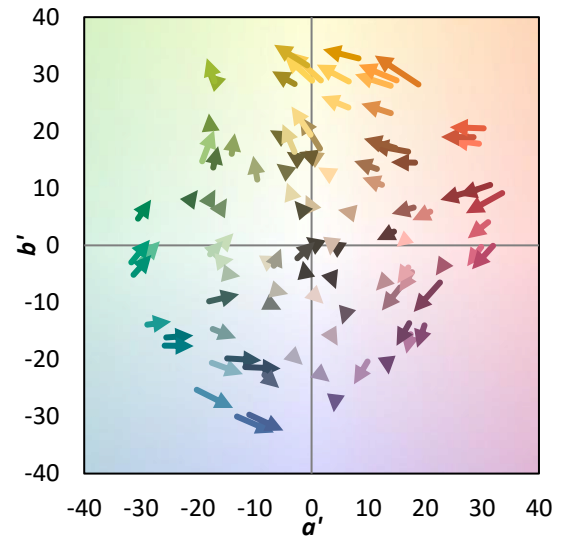
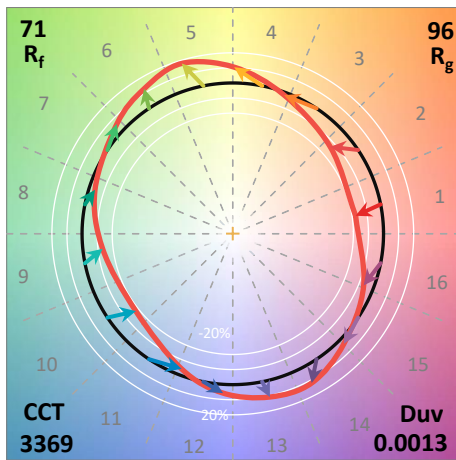
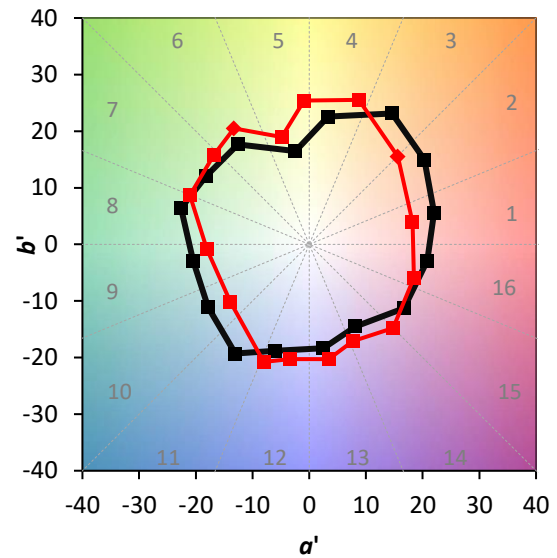
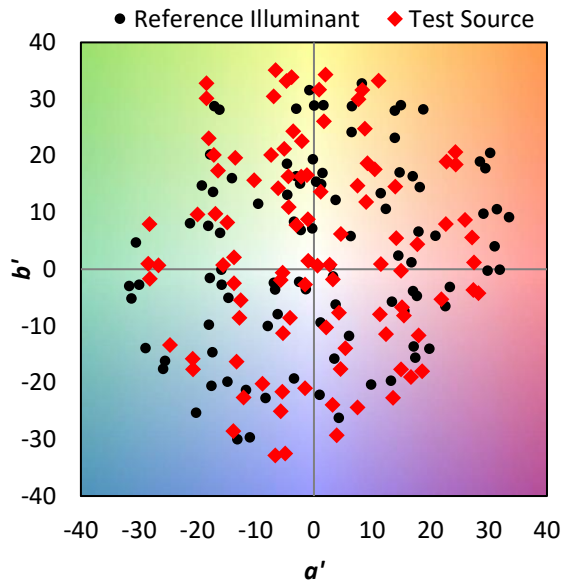
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $\text{CIE } R_a = 70.1$
 $R_g = -40.2$

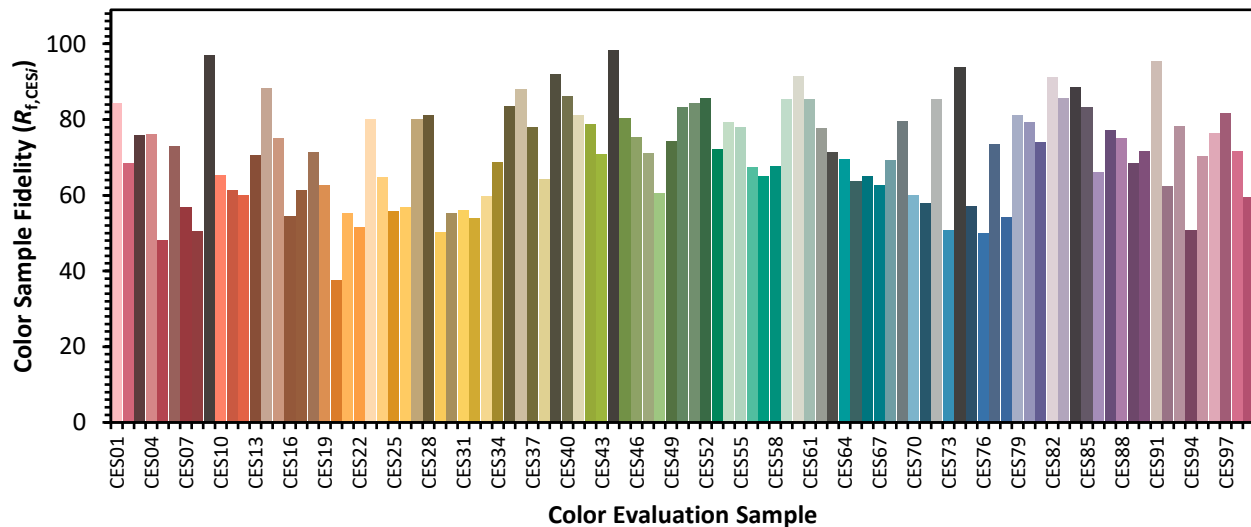


Color Vector Graphics

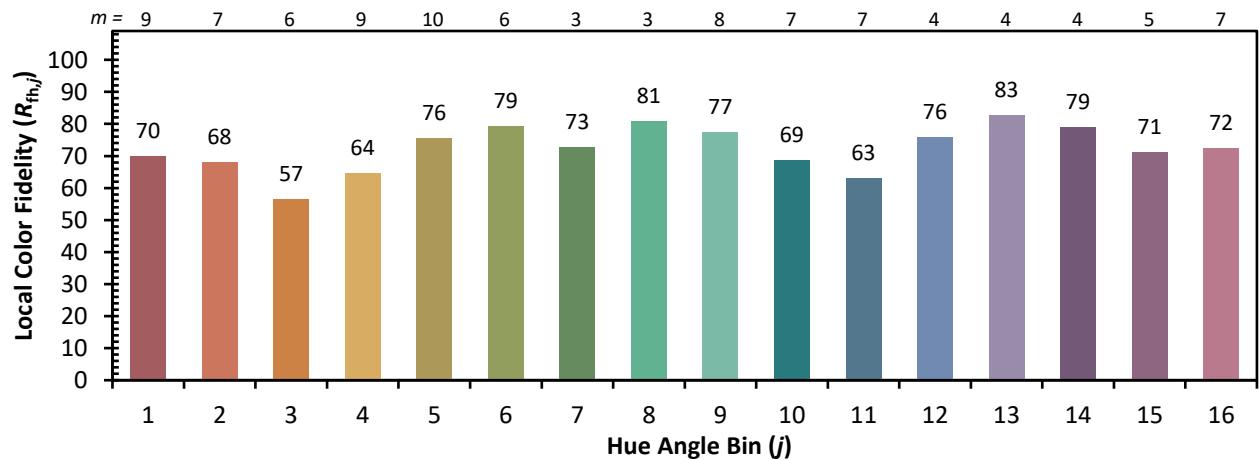
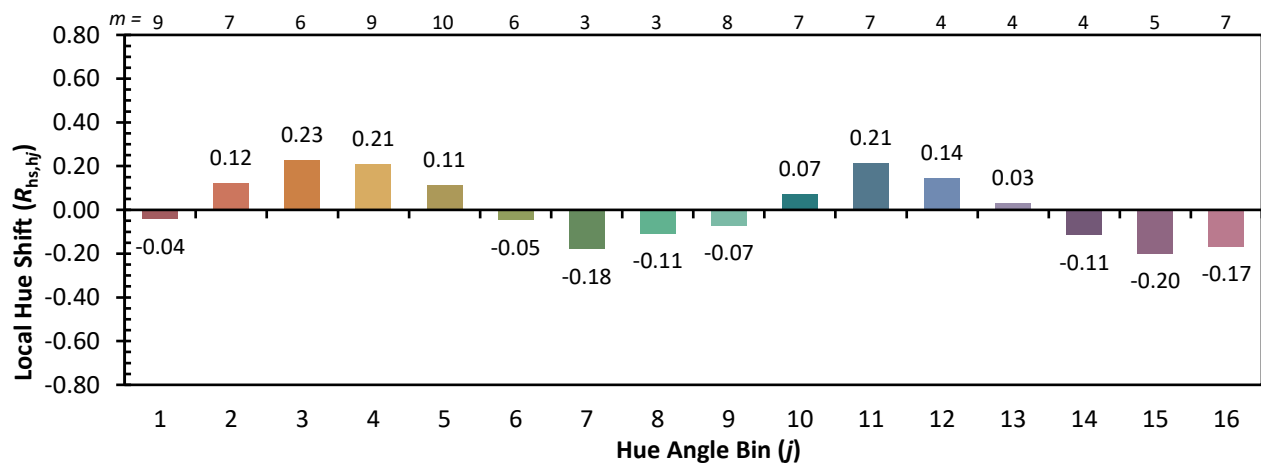
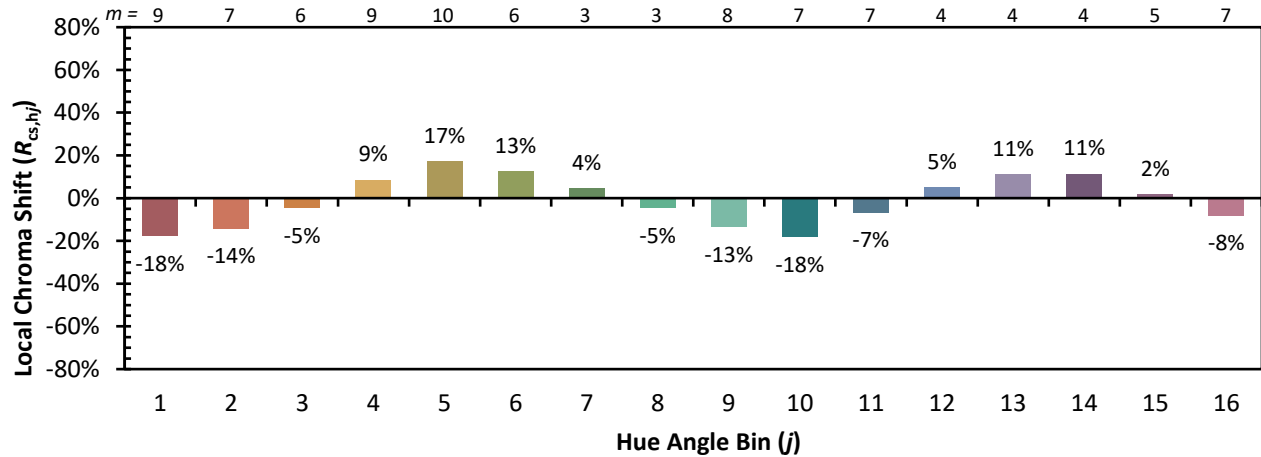


Individual Sample Fidelity Index ($R_{f,i}$)

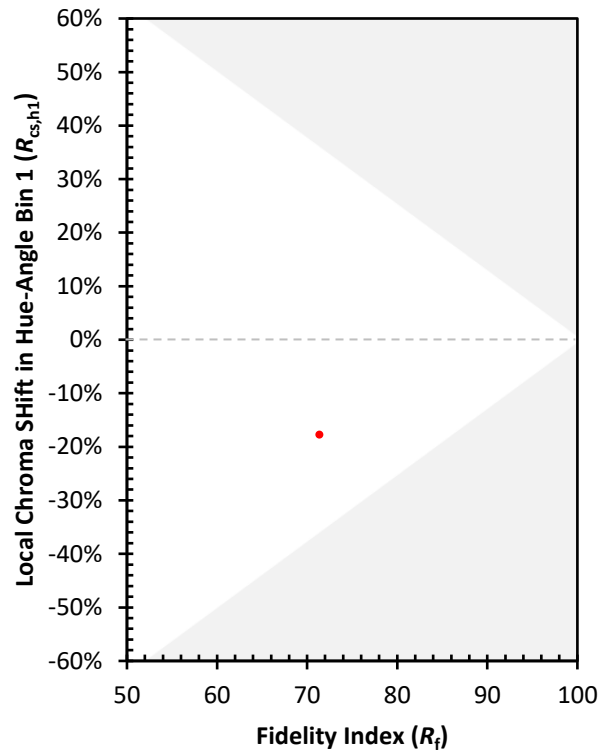
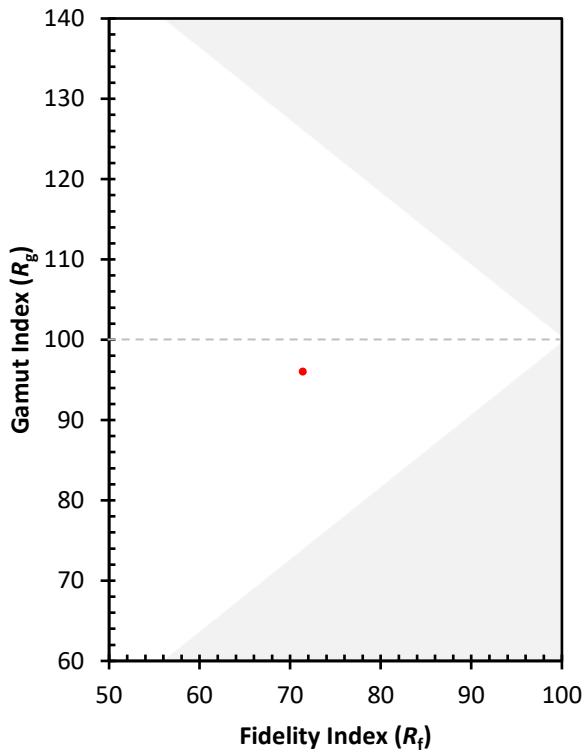
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)