

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: P1047175

Luminaire Tested: **GALN-SA5C-735-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047175
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-735-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28555.6 lumens
Efficiency: N/A
Efficacy: 121.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
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

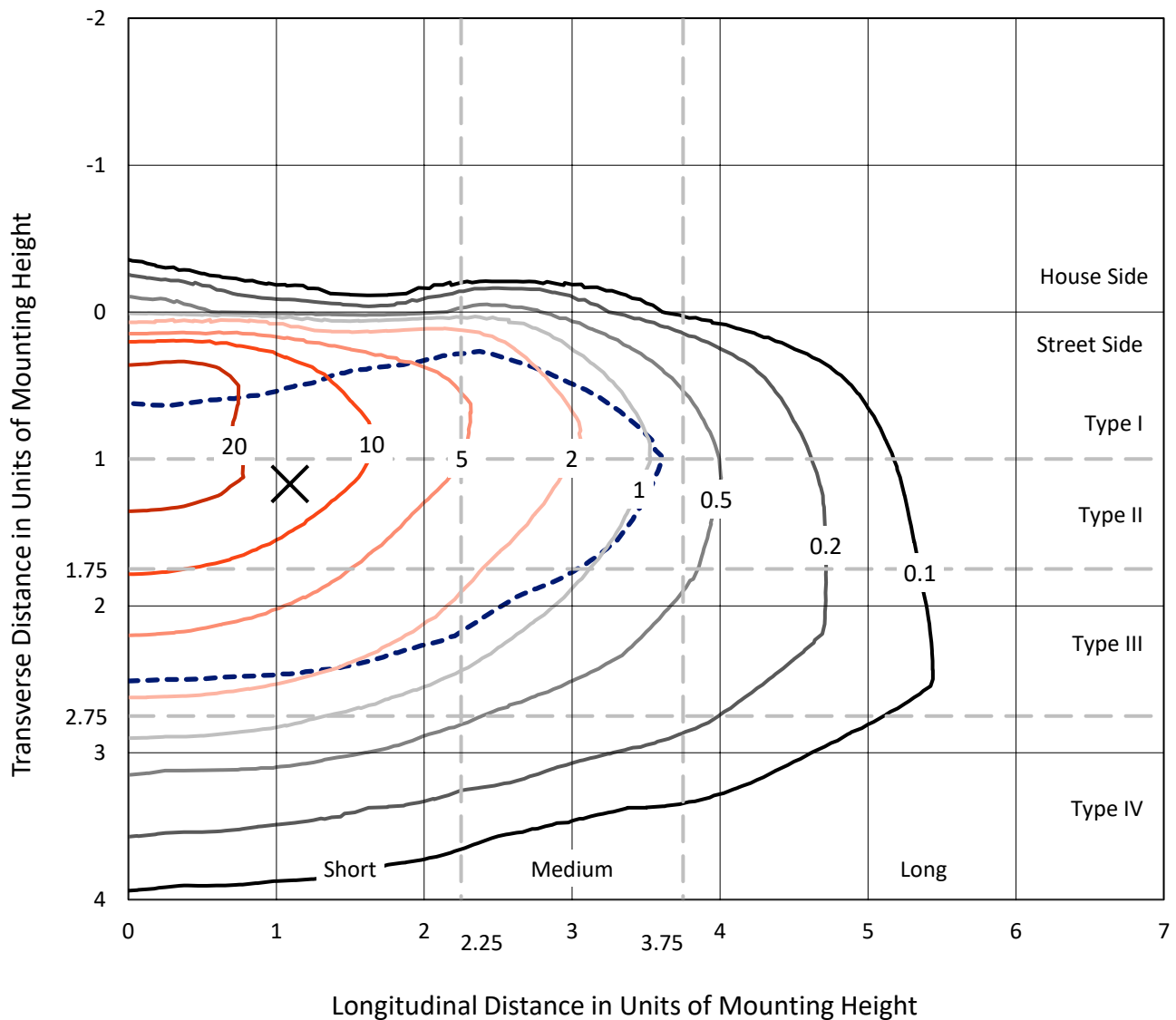


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

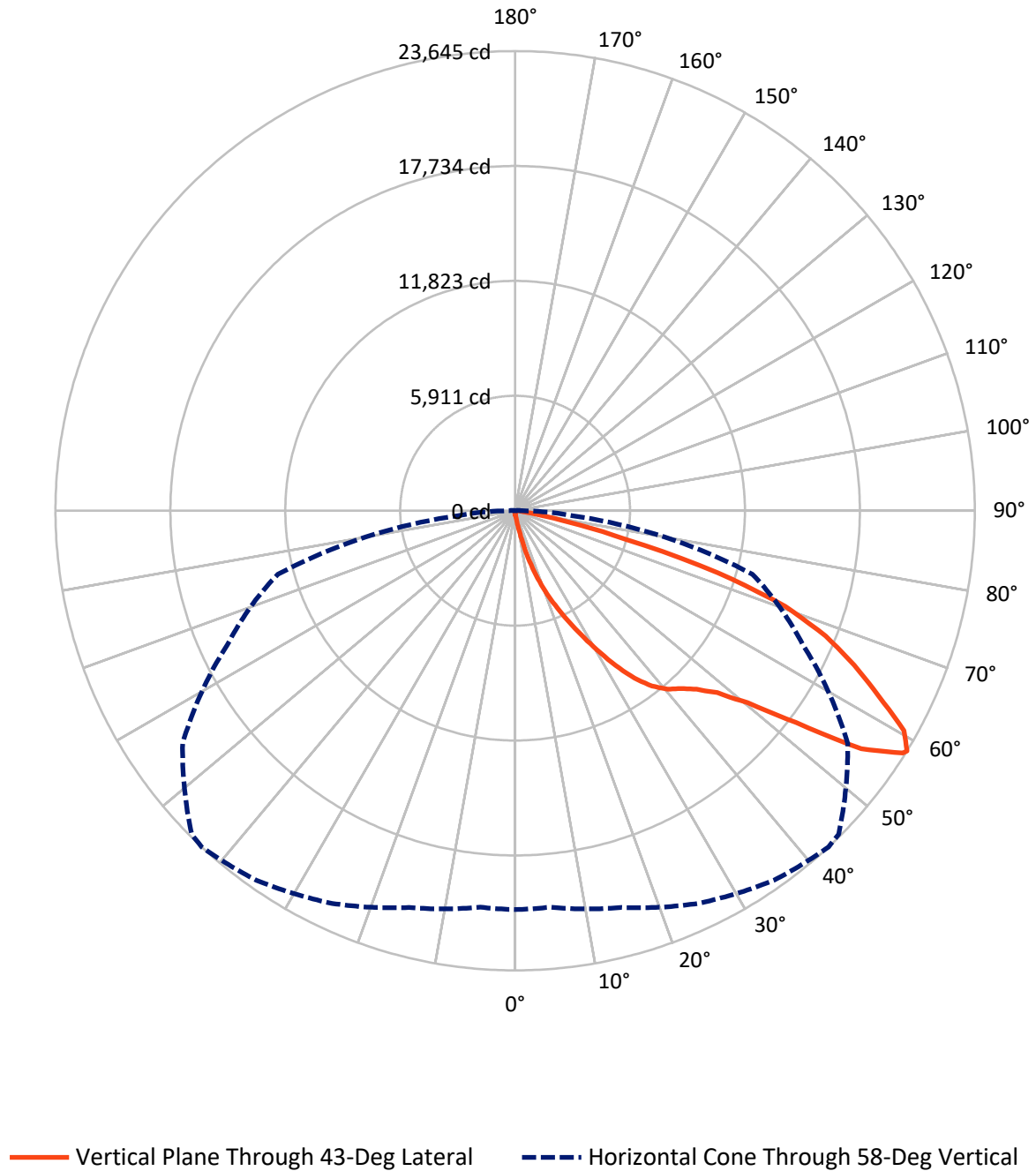


Based on 15 foot mounting height. Maximum calculated value = 32 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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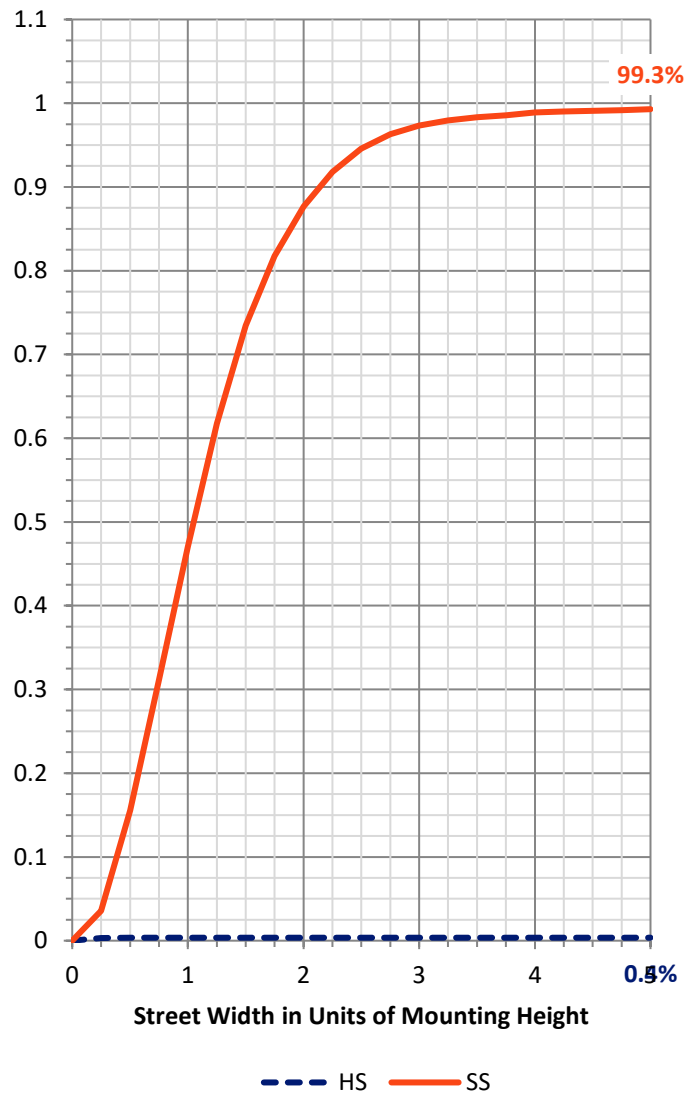
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	104.3	0.0	104.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28451.4	0.0	28451.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	28555.6	0.0	28555.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	0.1
10°-20°	328.2	1.1
20°-30°	1183.1	4.1
30°-40°	2706.9	9.5
40°-50°	4565.5	16.0
50°-60°	7534.1	26.4
60°-70°	8420.4	29.5
70°-80°	3476.6	12.2
80°-90°	313.4	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°	28555.6	100.0
0°-180°	28555.6	100.0



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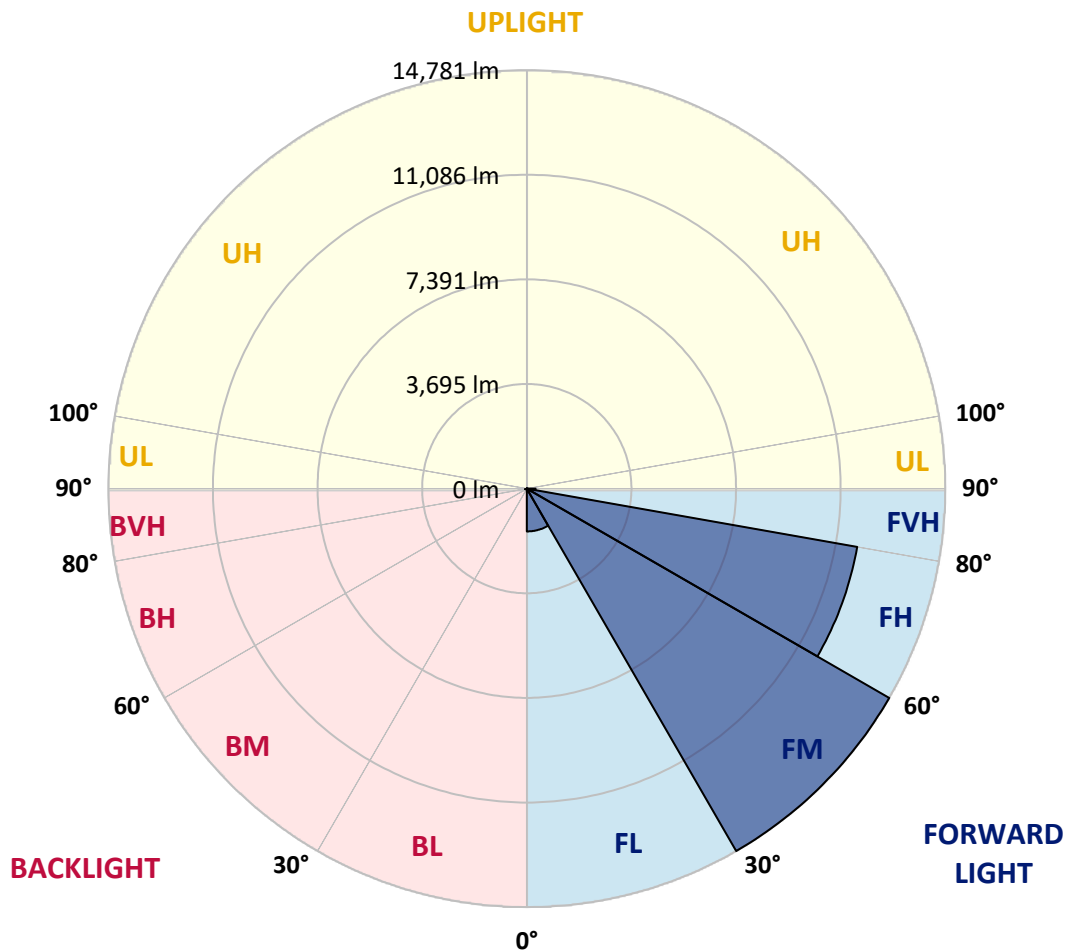
CATALOG NUMBER: GALN-SA5C-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1511.5	5.3			
FM	(30°-60°)	14781.5	51.8			
FH	(60°-80°)	11849.3	41.5			G4/12000
FVH	(80°-90°)	309.1	1.1			G3/500
BL	(0°-30°)	27.2	0.1	B0/110		
BM	(30°-60°)	25.0	0.1	B0/220		
BH	(60°-80°)	47.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
2.5°	224.1	231.5	224.1	224.1	224.1	216.6	216.6	209.1	209.1	201.6	194.2
5°	328.6	328.6	306.2	291.3	276.3	268.9	261.4	246.5	231.5	216.6	201.6
7.5°	731.9	731.9	664.7	575.1	455.6	388.4	373.4	306.2	261.4	231.5	201.6
10°	1747.6	1747.6	1598.3	1351.8	1045.6	776.7	694.6	440.6	313.7	246.5	209.1
12.5°	2905.2	2942.6	2755.9	2442.2	1986.6	1516.1	1351.8	806.6	418.2	268.9	209.1
15°	3943.4	3853.7	3801.4	3502.7	3069.5	2509.4	2300.3	1359.3	604.9	306.2	209.1
17.5°	4645.4	4645.4	4570.7	4369.1	3973.2	3480.3	3308.5	2195.7	978.4	351.0	216.6
20°	5466.9	5466.9	5332.5	5190.6	4839.6	4421.3	4257.0	3121.8	1516.1	448.1	216.6
22.5°	6460.2	6475.2	6325.8	6071.9	5735.8	5272.7	5130.8	3980.7	2195.7	597.5	224.1
25°	7670.1	7685.1	7468.5	7229.5	6714.2	6213.8	5997.2	4966.5	3024.7	836.5	224.1
27.5°	9007.0	9111.5	8790.4	8379.6	7834.4	7207.1	7042.8	5855.3	3846.3	1180.0	239.0
30°	10672.4	10672.4	10246.7	9671.7	9081.7	8304.9	8095.8	6788.8	4720.1	1635.6	253.9
32.5°	12106.4	11994.4	11449.2	10844.2	10216.9	9492.4	9268.4	7767.2	5616.3	2203.2	283.8
35°	13204.2	13107.2	12435.0	11785.2	11240.0	10575.3	10306.5	8827.7	6564.8	2845.5	328.6
37.5°	14145.3	14107.9	13196.8	12382.7	12024.2	11441.7	11202.7	9828.5	7498.3	3540.1	380.9
40°	15175.9	15056.4	14085.5	13077.3	12539.6	12069.0	11852.5	10635.1	8394.6	4354.1	455.6
42.5°	16057.2	15915.3	15041.5	14055.7	13137.0	12502.2	12293.1	11314.7	9268.4	5168.2	552.7
45°	17035.6	16960.9	16079.6	15332.8	14107.9	13092.2	12815.9	11859.9	10067.5	6139.1	679.6
47.5°	18506.9	18372.4	17550.9	16938.5	15519.5	13988.4	13592.6	12420.1	10836.7	7095.0	873.8
50°	20217.1	20127.5	19642.1	19156.6	17745.1	15519.5	15049.0	13226.7	11695.6	8230.2	1127.7
52.5°	21613.7	21598.8	21658.6	21666.0	20598.0	18096.1	17394.1	14526.2	12681.5	9350.5	1486.2
55°	21583.9	21651.1	22308.3	23062.6	23144.8	21613.7	20934.1	16714.4	13966.0	10732.2	1986.6
57.5°	20777.3	20725.0	21419.6	22554.8	23353.9	23518.2	23406.2	20112.6	15900.4	12397.7	2755.9
58°	20515.9	20471.1	21128.3	22285.9	23204.5	23645.2	23533.1	20881.8	16333.5	12636.6	2965.0
60°	19567.4	19574.8	19963.2	21016.3	21934.9	22980.5	23085.0	23077.6	18491.9	14234.9	4018.0
62.5°	18312.7	18252.9	18611.4	19470.3	20276.9	20978.9	21158.2	23226.9	21651.1	16266.3	6027.1
65°	16580.0	16490.4	16871.3	17842.2	18708.5	19164.1	19171.6	21225.4	23137.3	18447.1	8894.9
67.5°	13361.1	13286.4	14048.2	15295.4	16632.3	17229.8	17498.6	18417.2	21882.6	19925.9	10538.0
70°	8185.4	8342.3	9402.8	11359.5	13644.9	14742.8	15146.0	15429.9	18633.8	19701.8	8812.8
72.5°	3779.0	3592.3	4496.0	5862.7	8469.2	10911.4	11329.7	12442.5	14772.6	17102.8	6572.3
75°	1762.6	1695.3	1904.5	2561.7	3838.8	5892.6	6654.4	9933.1	11329.7	11897.3	4742.5
77.5°	903.7	911.2	1082.9	1165.1	1583.3	2726.0	3129.3	6534.9	8304.9	6639.5	3181.6
80°	395.8	410.8	418.2	455.6	642.3	1053.1	1187.5	3032.2	5676.0	3383.2	1740.2
82.5°	253.9	261.4	261.4	261.4	306.2	418.2	478.0	1217.4	2830.5	1680.4	537.7
85°	134.4	134.4	149.4	186.7	216.6	253.9	268.9	388.4	933.6	500.4	127.0
87.5°	74.7	82.2	89.6	112.0	141.9	171.8	186.7	268.9	358.5	343.5	29.9
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-SA5C-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
2.5°	194.2	186.7	179.2	171.8	164.3	156.8	156.8	156.8	156.8	156.8	156.8
5°	186.7	179.2	171.8	156.8	141.9	134.4	127.0	119.5	119.5	119.5	119.5
7.5°	186.7	179.2	156.8	141.9	127.0	112.0	97.1	97.1	97.1	97.1	97.1
10°	186.7	171.8	149.4	127.0	104.6	89.6	82.2	74.7	74.7	74.7	74.7
12.5°	186.7	164.3	141.9	112.0	89.6	74.7	67.2	59.7	59.7	59.7	59.7
15°	186.7	164.3	134.4	104.6	82.2	59.7	52.3	44.8	44.8	44.8	44.8
17.5°	179.2	156.8	127.0	89.6	67.2	44.8	37.3	29.9	29.9	37.3	37.3
20°	171.8	149.4	112.0	74.7	52.3	37.3	22.4	22.4	22.4	22.4	22.4
22.5°	171.8	149.4	104.6	67.2	44.8	22.4	14.9	14.9	14.9	14.9	22.4
25°	171.8	141.9	89.6	52.3	29.9	14.9	7.5	7.5	7.5	7.5	7.5
27.5°	171.8	141.9	82.2	44.8	22.4	14.9	7.5	0.0	0.0	0.0	0.0
30°	164.3	134.4	74.7	37.3	14.9	7.5	0.0	0.0	0.0	0.0	0.0
32.5°	164.3	127.0	59.7	29.9	14.9	7.5	0.0	0.0	0.0	0.0	0.0
35°	171.8	119.5	52.3	22.4	7.5	0.0	0.0	0.0	0.0	0.0	7.5
37.5°	179.2	112.0	44.8	14.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	186.7	104.6	44.8	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	201.6	104.6	37.3	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	216.6	104.6	29.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	246.5	112.0	29.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	268.9	119.5	22.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	298.7	112.0	22.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	336.1	112.0	22.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	366.0	104.6	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	380.9	97.1	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	455.6	89.6	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	709.5	74.7	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1441.4	67.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2688.6	59.7	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3009.8	67.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1897.0	52.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1000.8	52.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	500.4	52.3	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	231.5	37.3	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	97.1	22.4	14.9	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	44.8	22.4	14.9	14.9	7.5	7.5	0.0	0.0	0.0	0.0	0.0
87.5°	22.4	22.4	22.4	14.9	14.9	7.5	7.5	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: SP1-2407-184-5

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

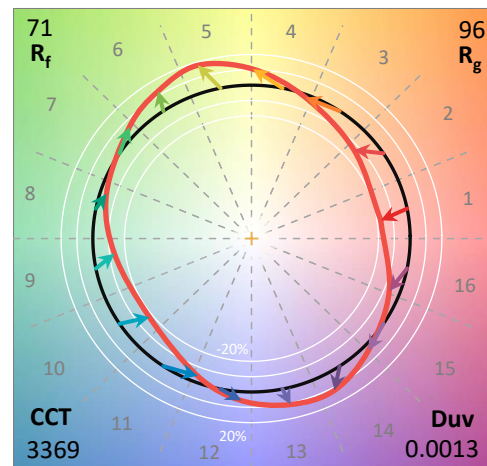
Test Information

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
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

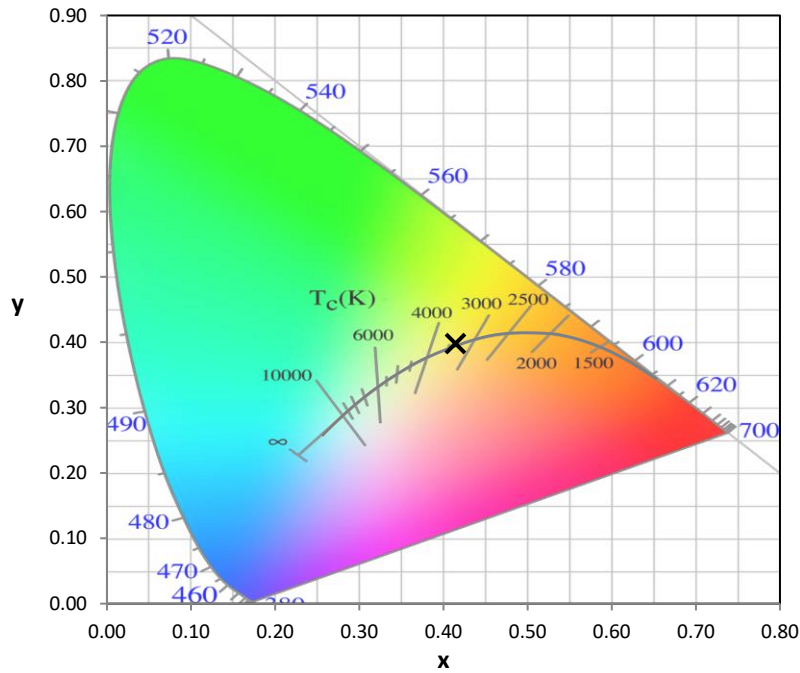
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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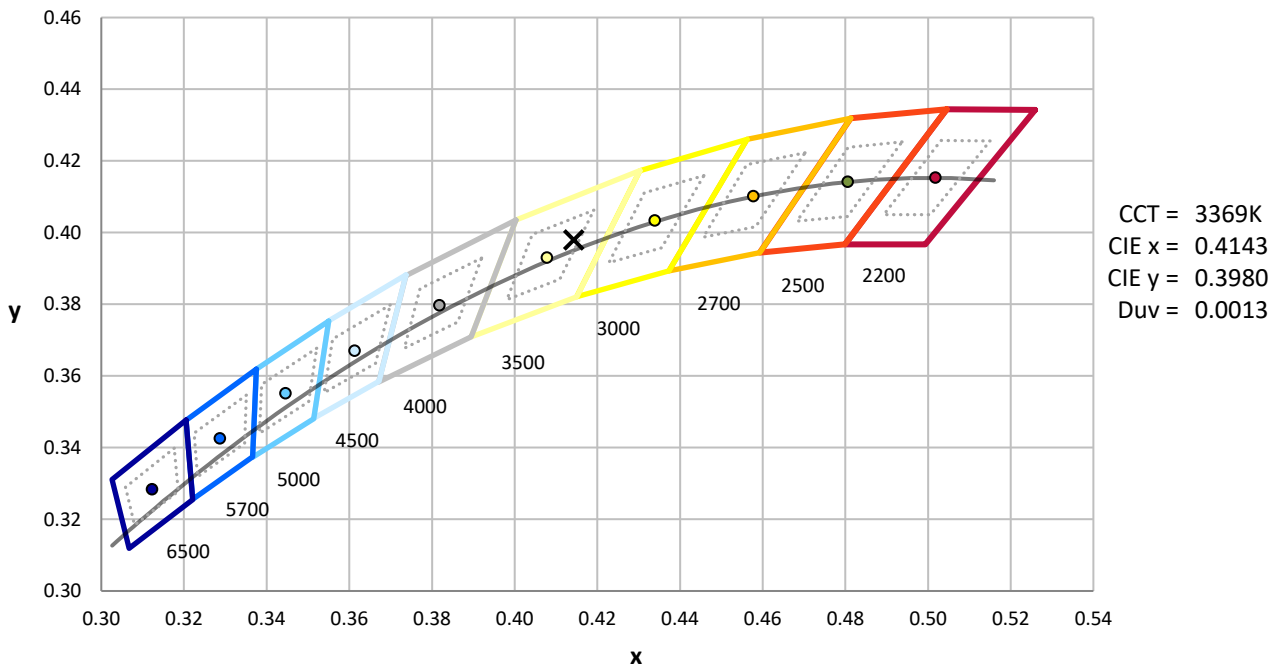
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	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			

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Scotopic Flux vs. Wavelength



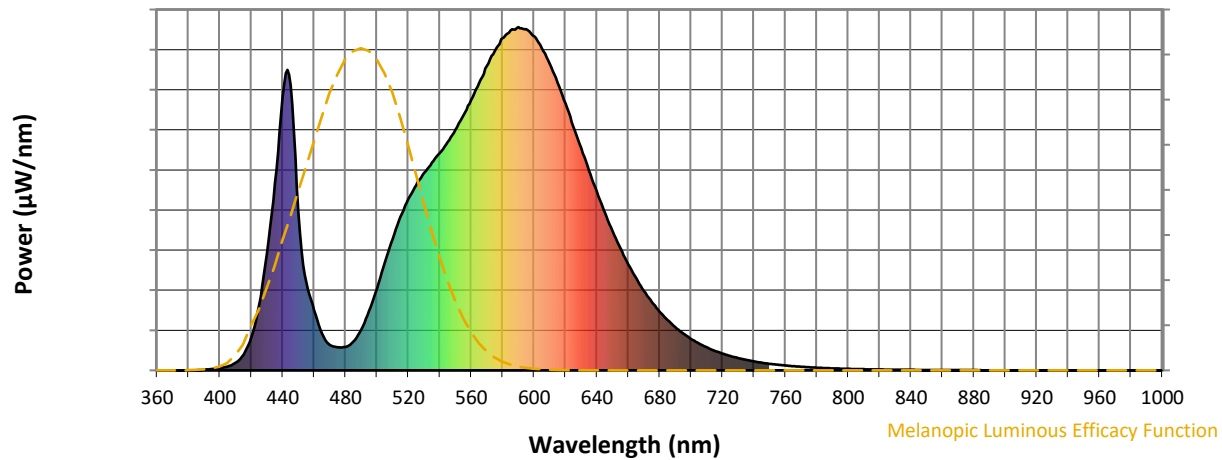
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

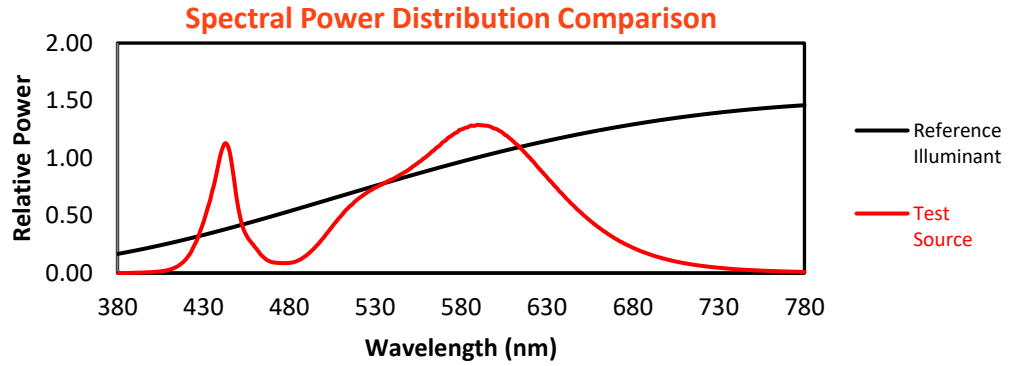
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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			

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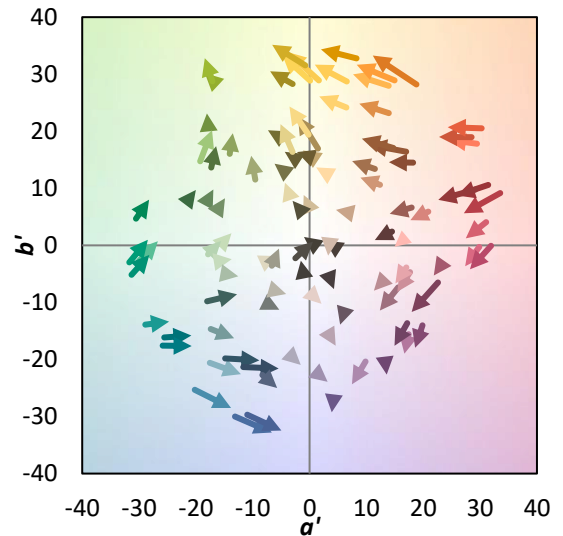
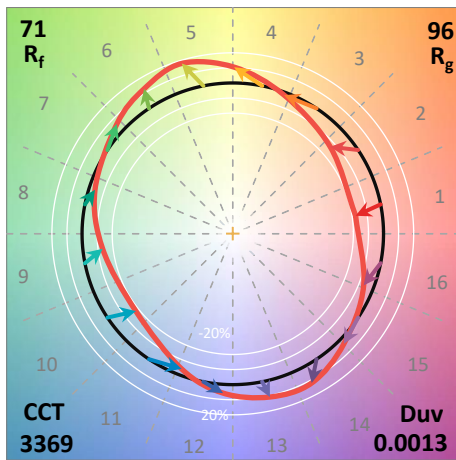
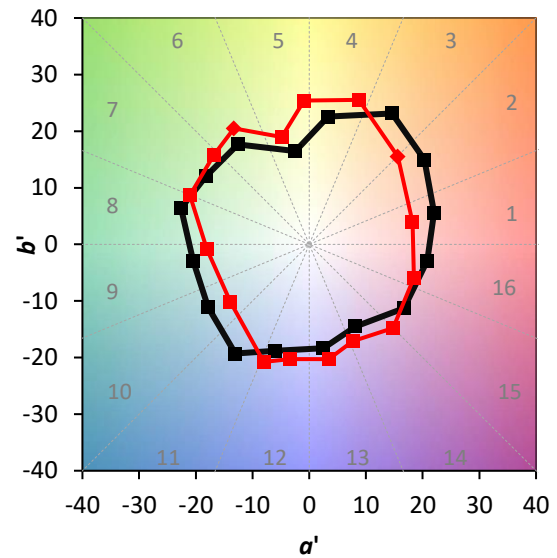
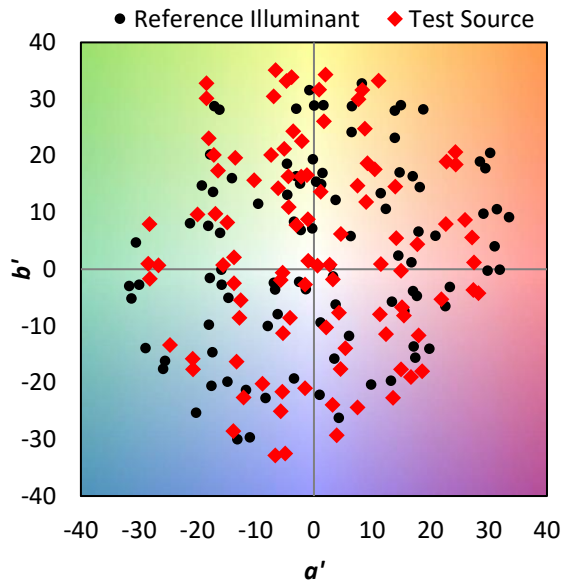
TM-30-18

Summary

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

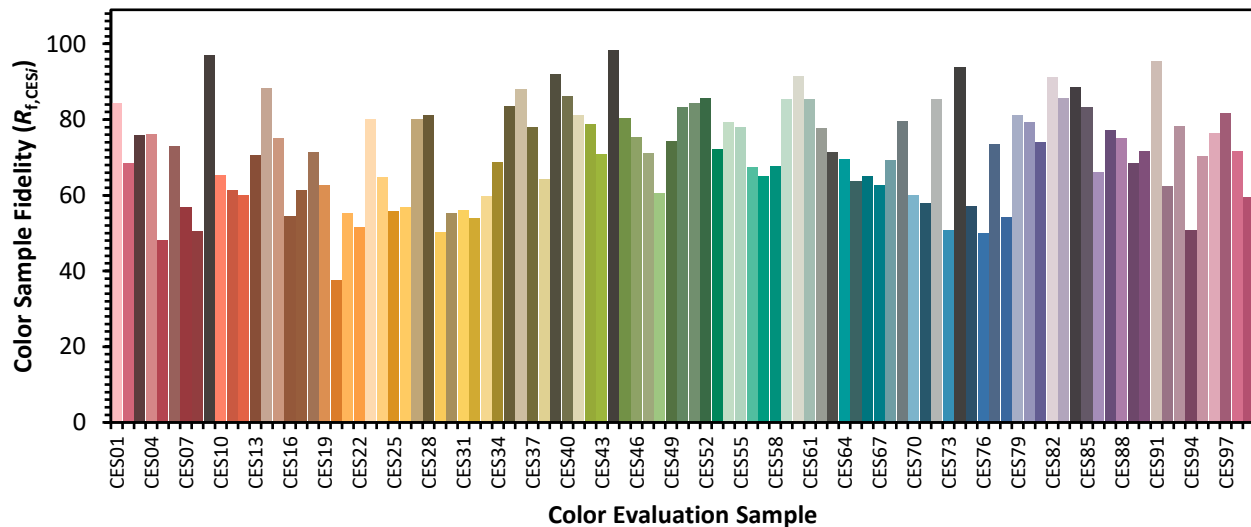


Color Vector Graphics

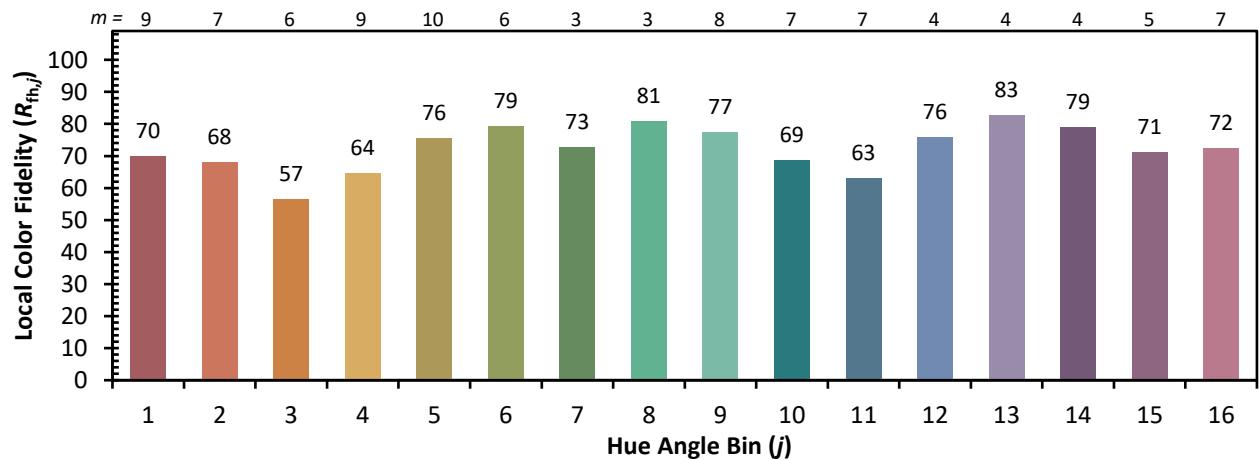
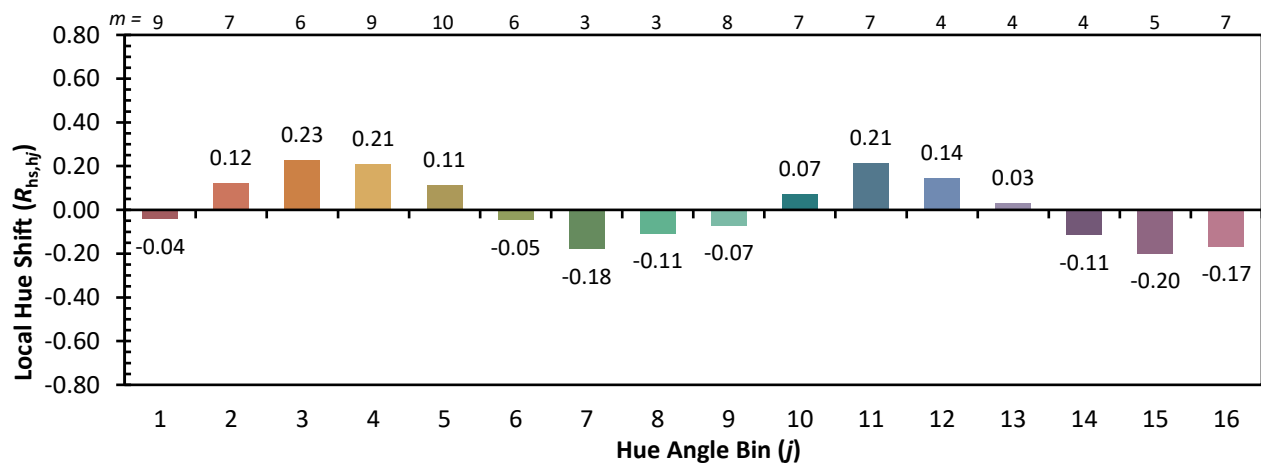
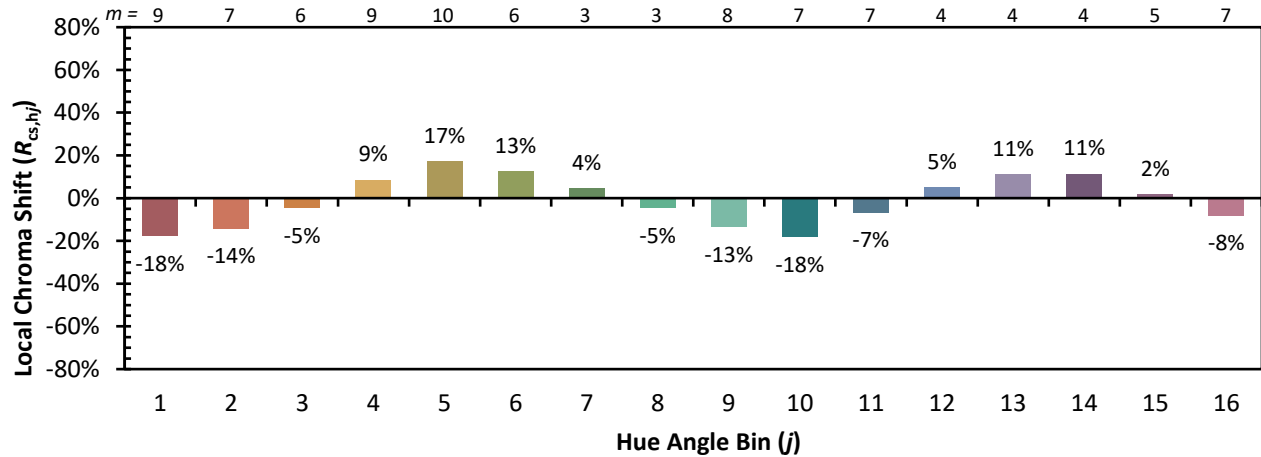


Individual Sample Fidelity Index ($R_{f,i}$)

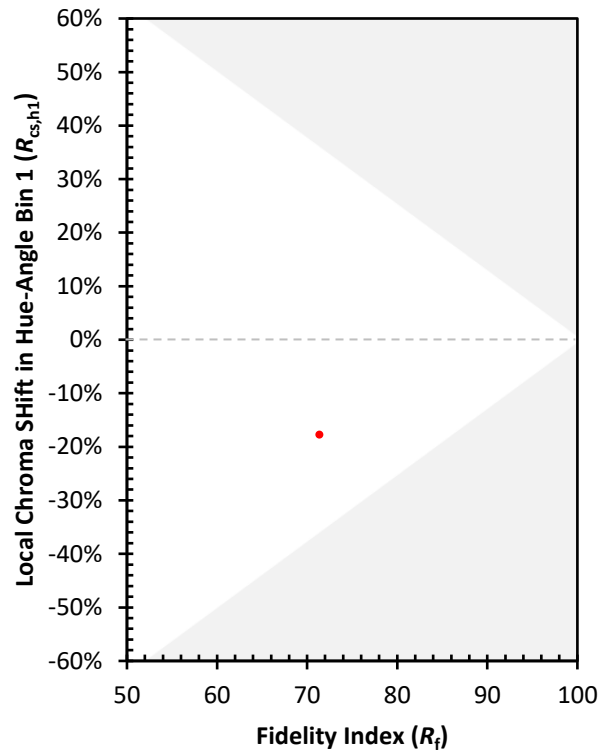
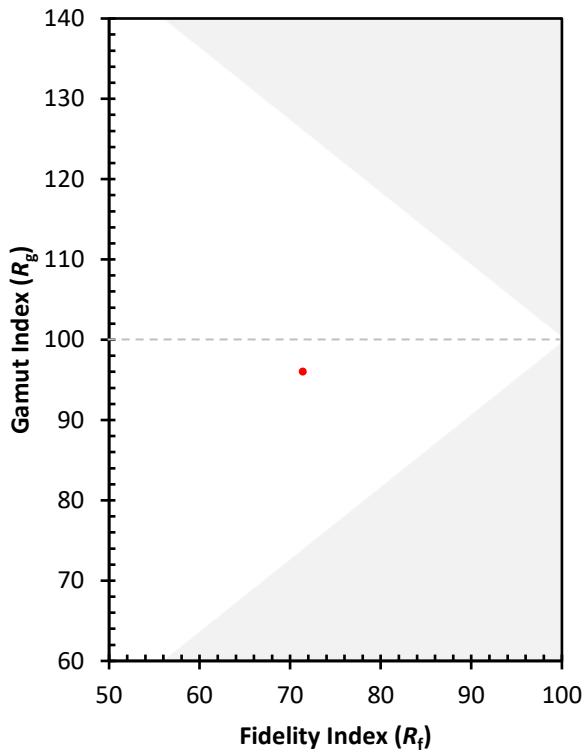
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)