

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: P1047769

Luminaire Tested: **GALN-SA1A-735-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047769
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-735-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3580.7 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

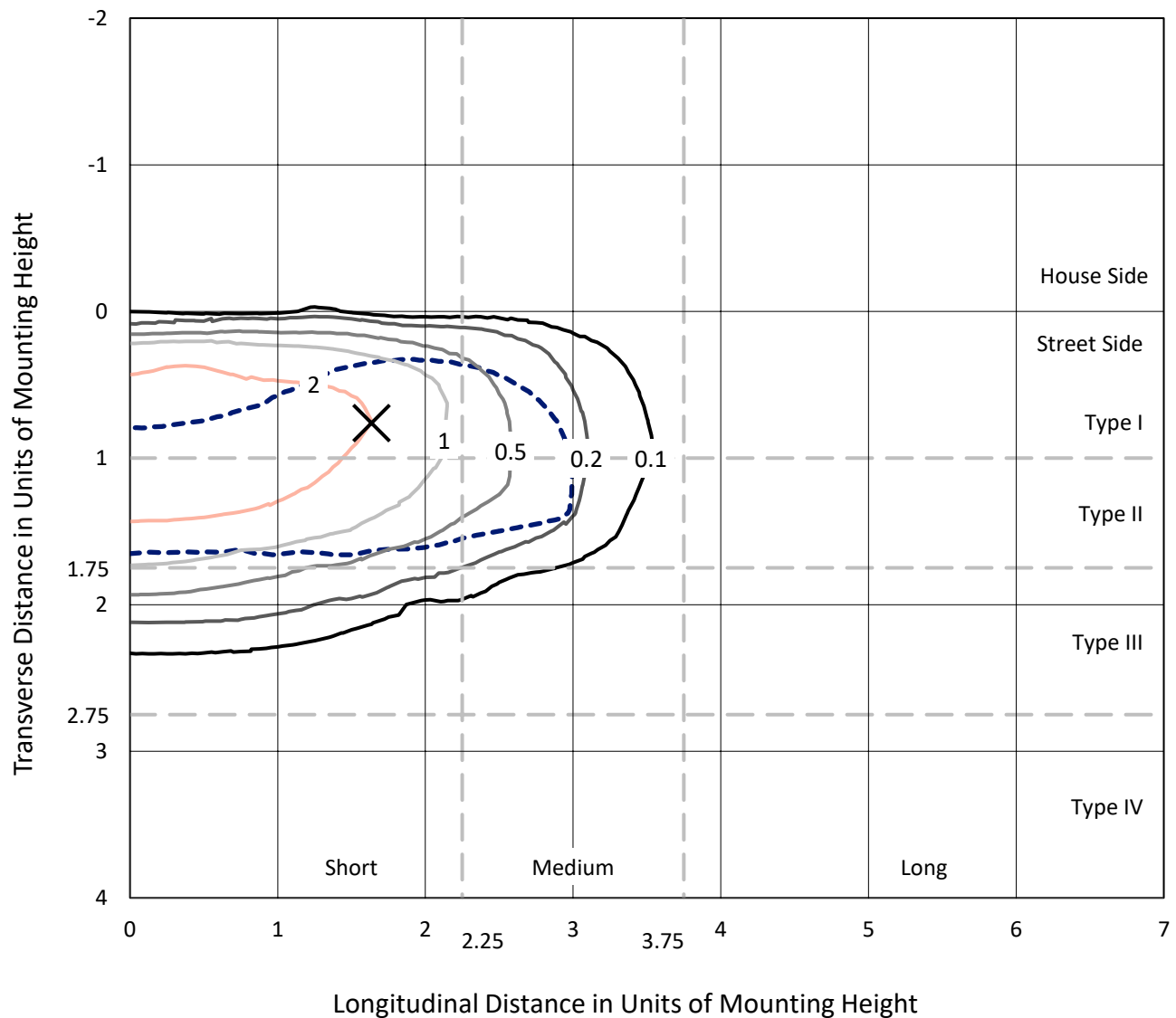


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CATALOG NUMBER: GALN-SA1A-735-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

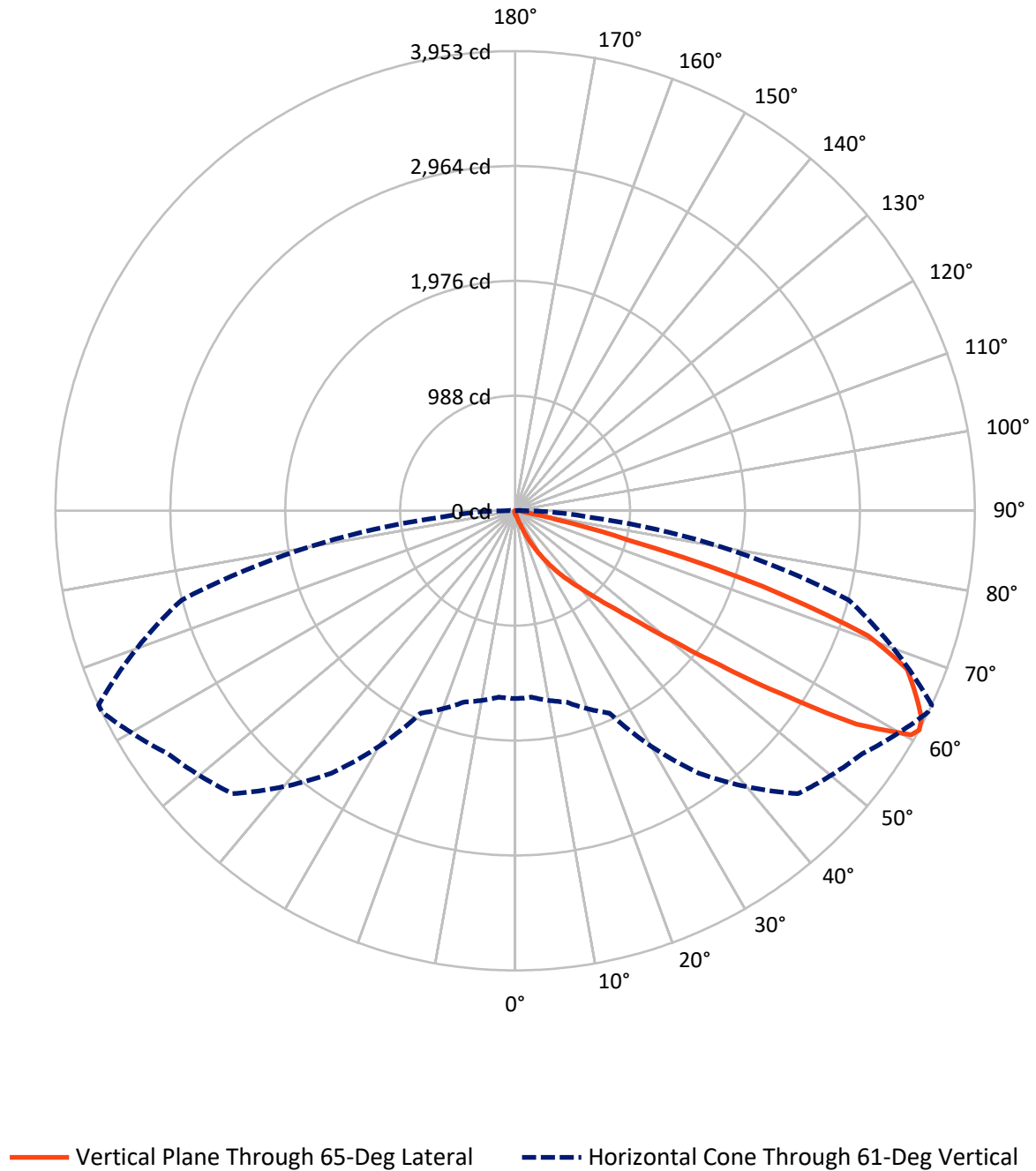


Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.3	0.0	15.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3565.4	0.0	3565.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	3580.7	0.0	3580.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	29.4	0.8
20°-30°	105.7	3.0
30°-40°	281.3	7.9
40°-50°	739.1	20.6
50°-60°	1145.0	32.0
60°-70°	960.0	26.8
70°-80°	282.5	7.9
80°-90°	34.8	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°	3580.7	100.0
0°-180°	3580.7	100.0



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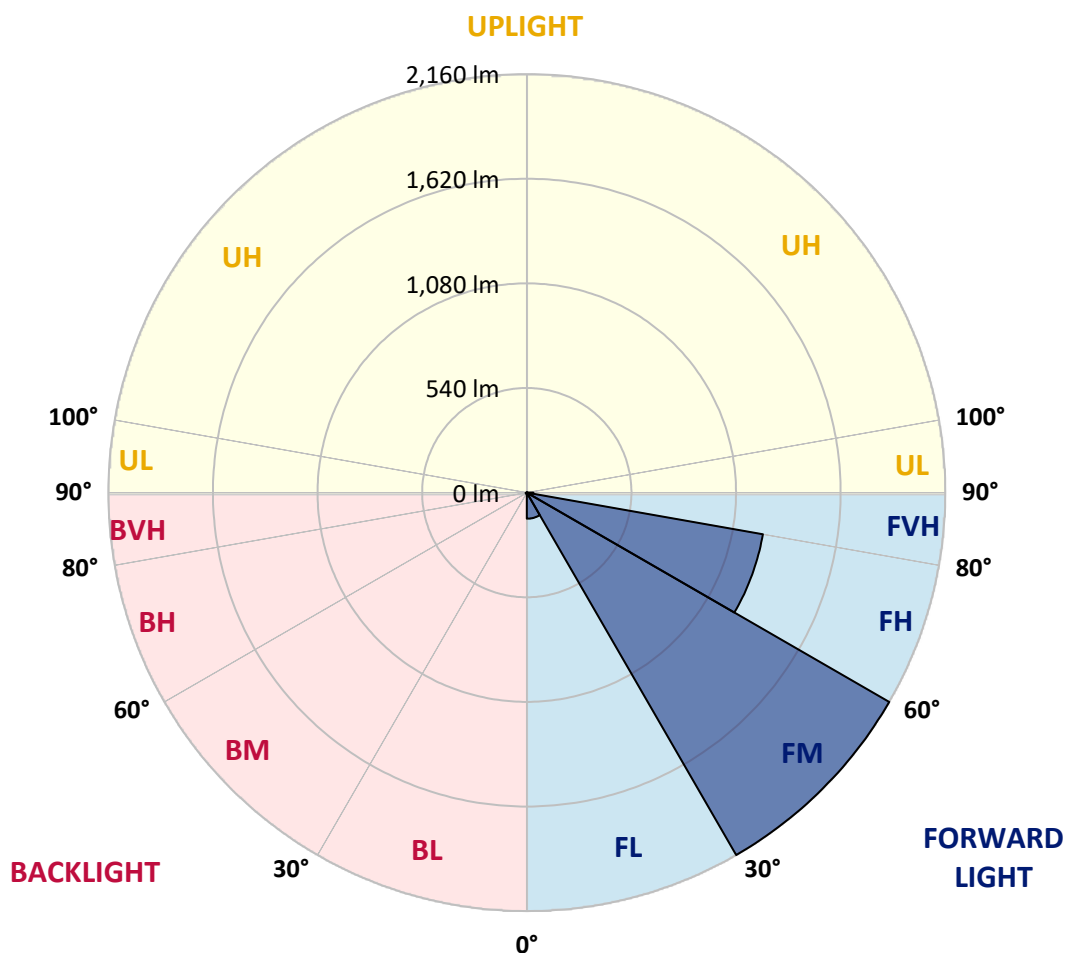
CATALOG NUMBER: GALN-SA1A-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	134.5	3.8			
FM	(30°-60°)	2159.6	60.3			
FH	(60°-80°)	1237.2	34.6			G1/1800
FVH	(80°-90°)	34.2	1.0			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	5.8	0.2	B0/220		
BH	(60°-80°)	5.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type II Short



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CATALOG NUMBER: GALN-SA1A-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	26.6	26.8	26.4	25.4	24.6	24.6	24.4	23.6	23.6	22.9	22.4
5°	37.2	36.7	35.7	33.7	32.0	30.3	28.6	26.8	26.6	24.4	22.9
7.5°	60.8	61.3	58.1	52.0	46.8	40.1	34.0	30.3	29.8	26.1	23.2
10°	133.5	129.8	122.4	98.5	81.0	61.1	45.3	35.2	34.7	28.1	23.6
12.5°	243.4	240.4	226.9	202.2	157.1	109.4	66.3	43.6	42.1	29.8	23.9
15°	350.8	346.1	338.7	313.8	261.1	196.1	108.4	59.6	55.7	32.3	23.6
17.5°	419.2	420.0	413.3	402.7	368.7	290.2	187.2	88.9	81.3	36.7	23.2
20°	479.1	477.4	481.1	475.4	451.5	394.4	272.4	140.9	127.8	43.8	23.4
22.5°	548.1	552.2	554.9	553.7	527.4	478.6	369.2	210.8	194.3	56.9	24.1
25°	640.4	639.9	640.2	637.0	611.4	557.2	466.3	297.8	281.0	78.1	25.9
27.5°	737.2	740.2	741.4	729.8	696.3	643.1	556.2	392.9	373.2	112.1	28.1
30°	869.5	867.0	861.4	837.7	797.1	731.1	644.9	492.6	471.9	159.6	31.5
32.5°	1047.8	1045.1	1016.5	964.3	903.5	822.7	734.0	592.6	567.5	219.0	36.2
35°	1341.7	1345.9	1275.7	1140.4	1031.3	932.8	832.8	692.1	670.0	292.1	42.6
37.5°	1791.7	1768.8	1673.5	1434.5	1199.6	1070.2	927.1	792.6	773.4	382.3	51.0
40°	2228.9	2206.3	2178.7	1952.3	1491.9	1221.7	1059.2	910.6	885.8	484.0	63.3
42.5°	2688.5	2676.0	2674.7	2504.0	2025.5	1459.9	1218.0	1048.8	1027.6	595.6	83.5
45°	3014.2	3001.6	3028.0	3057.8	2752.1	1970.3	1494.6	1228.4	1197.6	731.1	115.8
47.5°	3058.0	3058.5	3129.0	3222.3	3292.0	2759.7	1863.1	1466.3	1428.9	924.9	170.0
50°	2912.2	2917.9	3029.9	3196.9	3384.6	3422.1	2512.9	1811.7	1756.2	1154.7	246.8
52.5°	2634.6	2641.0	2797.2	3071.8	3299.4	3581.2	3278.0	2263.4	2199.6	1441.4	355.2
55°	2384.6	2388.5	2567.6	2914.7	3196.7	3494.7	3732.2	2866.6	2782.9	1794.2	462.1
57.5°	2137.0	2127.9	2244.4	2641.7	3179.2	3388.6	3799.2	3554.1	3461.7	2179.7	545.3
60°	1806.0	1790.7	1884.3	2137.0	2949.1	3458.3	3673.8	3934.4	3913.5	2716.4	609.6
61°	1615.6	1609.2	1703.3	1920.0	2755.5	3440.5	3643.8	3950.4	3952.6	2970.3	638.5
62.5°	1153.7	1172.0	1315.8	1597.6	2308.0	3325.5	3647.7	3900.9	3922.8	3307.8	713.1
65°	512.8	542.1	654.0	883.3	1342.2	2766.4	3612.7	3792.3	3781.4	3400.4	970.2
67.5°	304.2	308.6	364.3	500.5	710.9	1488.0	3188.1	3648.7	3634.1	2960.2	1207.2
70°	239.7	241.9	259.6	314.1	412.6	570.0	1819.5	3156.8	3220.1	2400.3	1181.8
72.5°	227.3	226.9	229.3	238.9	259.9	282.8	704.5	2098.4	2227.2	1728.6	990.9
75°	224.4	223.4	220.9	217.3	188.2	166.5	218.2	928.1	1002.8	1181.1	746.1
77.5°	217.7	218.0	218.5	208.4	161.3	117.7	105.7	297.8	366.3	749.5	530.3
80°	147.3	149.5	153.2	149.3	145.1	85.2	74.6	105.9	107.4	420.7	350.3
82.5°	74.6	74.6	72.9	65.0	56.2	55.4	59.4	76.9	77.8	212.8	164.8
85°	45.1	47.5	48.5	44.1	40.4	37.2	45.3	61.1	63.3	82.5	38.4
87.5°	10.1	10.3	11.3	15.0	21.9	29.8	42.1	55.9	56.9	53.0	4.7
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-SA1A-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	22.2	21.7	21.4	20.7	20.0	19.2	18.7	18.5	18.7	19.0	19.0
5°	21.9	21.2	20.0	18.7	17.7	16.7	15.8	15.5	15.5	15.8	15.8
7.5°	21.9	20.7	19.0	17.5	16.0	14.5	13.8	13.3	13.5	13.5	13.5
10°	21.9	20.4	18.2	16.0	14.3	12.6	11.3	10.8	10.8	10.8	10.8
12.5°	21.7	20.2	17.5	14.8	12.3	10.3	8.9	8.1	8.4	8.4	8.4
15°	21.2	19.5	16.5	12.6	9.9	7.9	6.4	5.7	5.9	6.4	6.7
17.5°	20.4	18.7	14.8	10.6	7.9	5.9	4.4	3.9	4.2	4.9	4.9
20°	20.2	18.0	13.1	8.6	5.9	4.2	3.0	2.5	2.7	3.7	3.9
22.5°	20.2	17.5	11.8	7.1	4.4	2.7	1.7	1.0	1.0	1.7	1.7
25°	20.4	17.2	10.8	5.9	3.2	2.0	1.0	0.5	1.0	2.7	3.2
27.5°	20.9	17.0	10.3	4.9	2.5	1.7	0.7	1.7	3.0	3.0	3.0
30°	21.4	16.5	9.6	4.2	2.2	1.2	1.2	2.5	2.5	3.0	3.2
32.5°	22.2	16.3	9.1	3.7	1.7	1.0	1.7	1.5	1.5	1.7	2.0
35°	23.6	16.5	8.6	3.7	1.7	1.2	1.5	0.7	0.5	0.5	0.5
37.5°	25.6	16.7	7.9	3.2	1.5	1.5	0.7	0.0	0.0	0.0	0.0
40°	28.8	17.5	7.4	3.0	1.2	1.2	0.2	0.0	0.0	0.0	0.0
42.5°	34.2	19.0	7.1	2.7	1.2	1.0	0.0	0.0	0.0	0.0	0.0
45°	45.1	22.4	6.7	2.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0
47.5°	64.8	30.5	6.4	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	94.6	41.4	6.2	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	120.7	43.6	4.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	123.7	30.1	3.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	98.5	19.5	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	74.6	14.8	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	71.7	13.3	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	79.1	11.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	128.6	9.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	223.4	8.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	282.3	7.9	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	246.1	7.1	1.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	148.0	6.2	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	77.6	4.7	1.5	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0
80°	37.7	4.2	1.7	1.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0
82.5°	14.8	3.4	2.0	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0
85°	6.7	3.0	2.2	2.0	1.7	1.0	0.2	0.0	0.0	0.0	0.0
87.5°	3.4	2.7	2.5	2.2	1.7	1.2	0.5	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

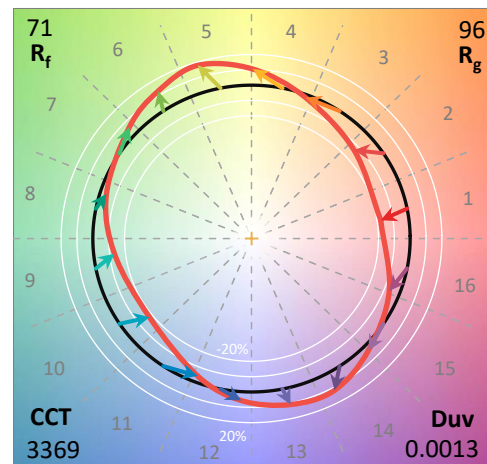
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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	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

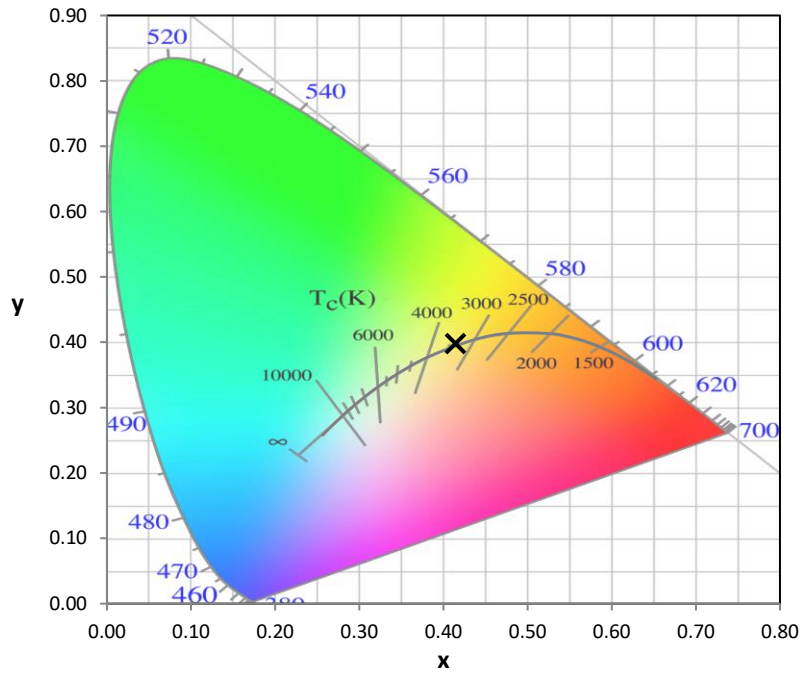
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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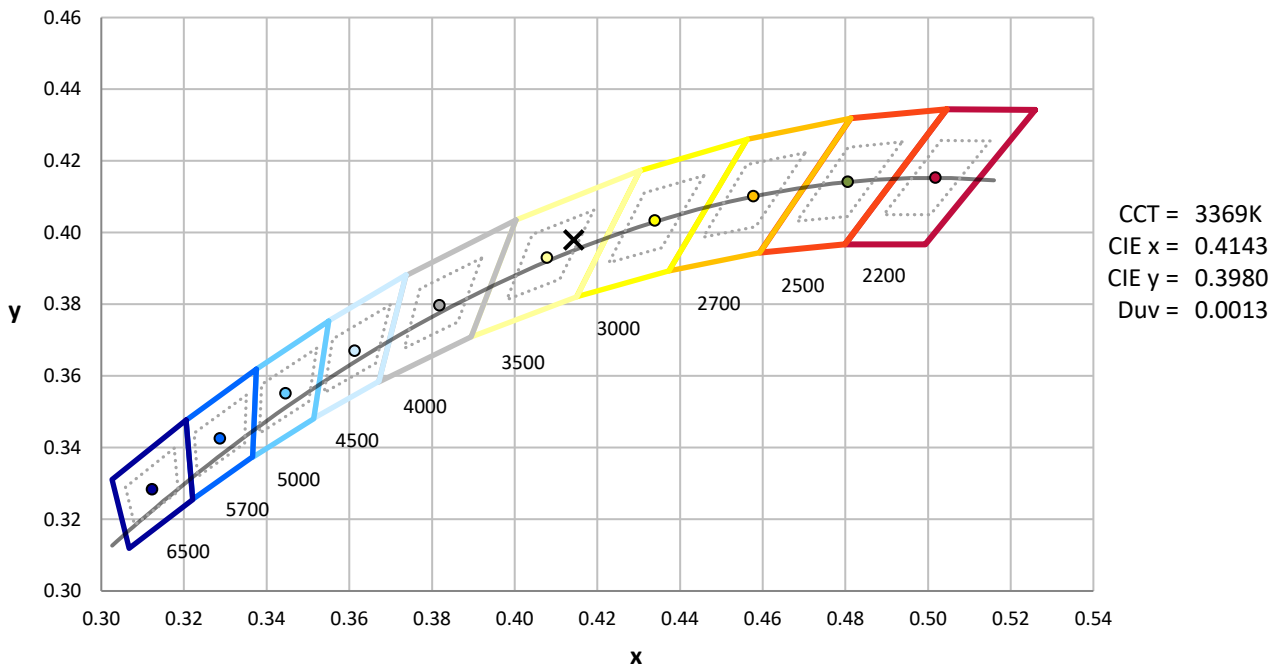
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



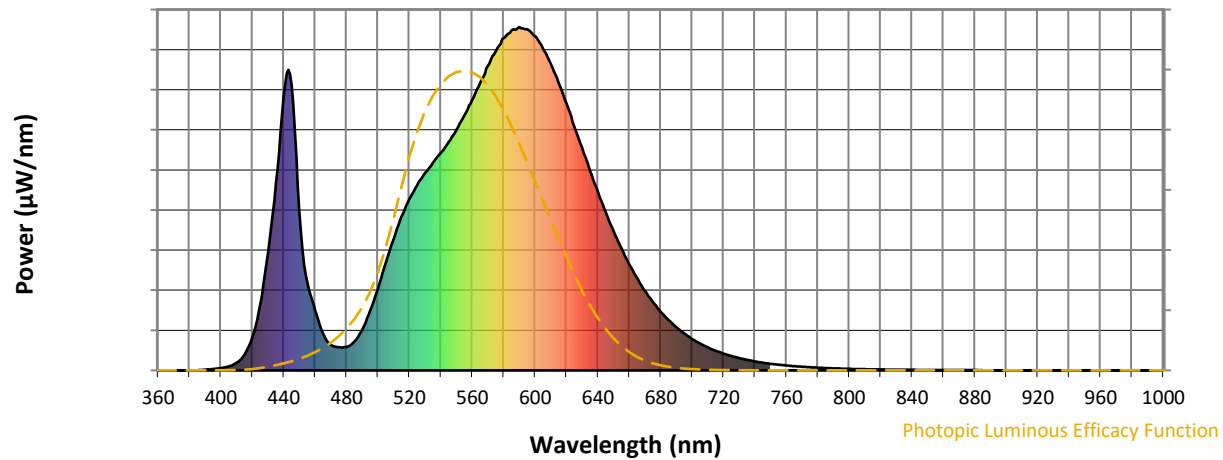
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

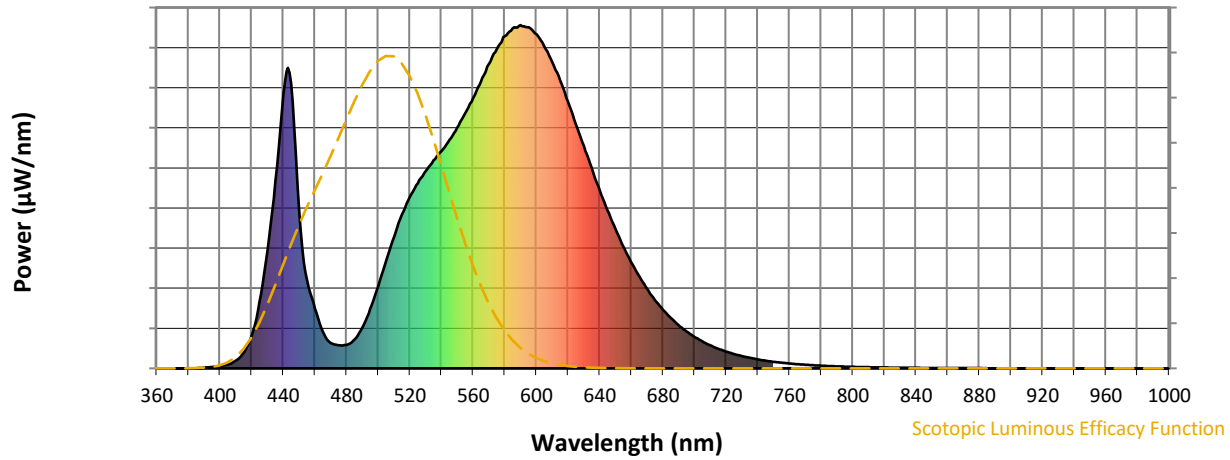


Photopic Lumens: NR

λ (nm)	Power 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



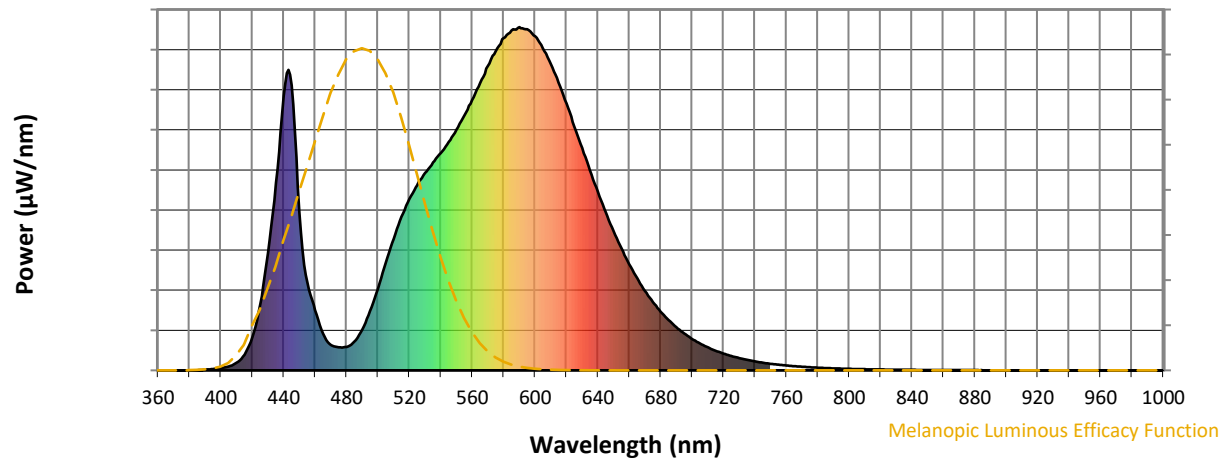
Scotopic Lumens: NR

S/P: 1.29

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

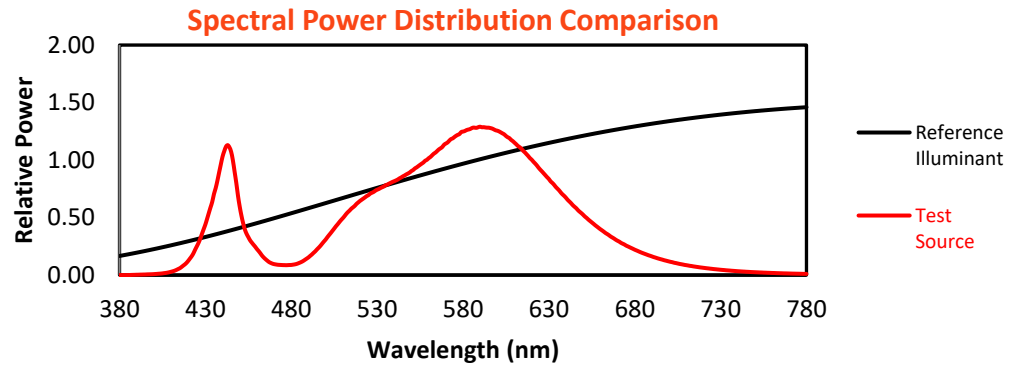
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	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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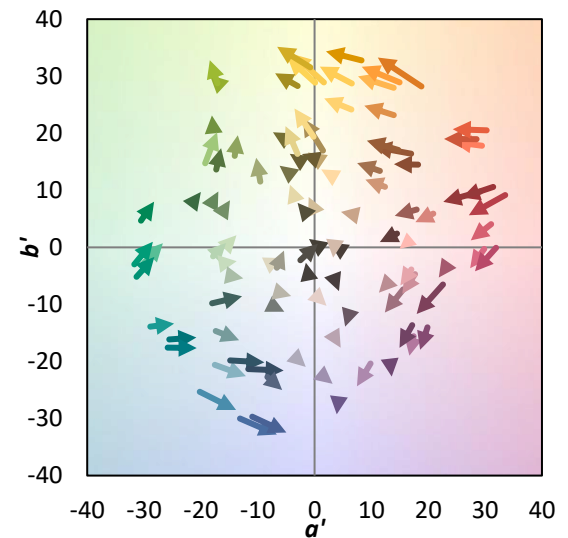
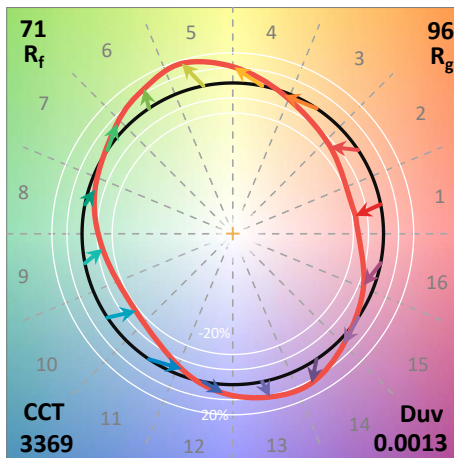
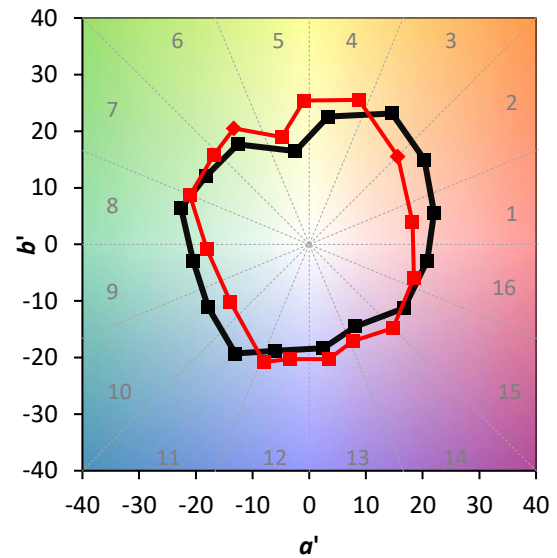
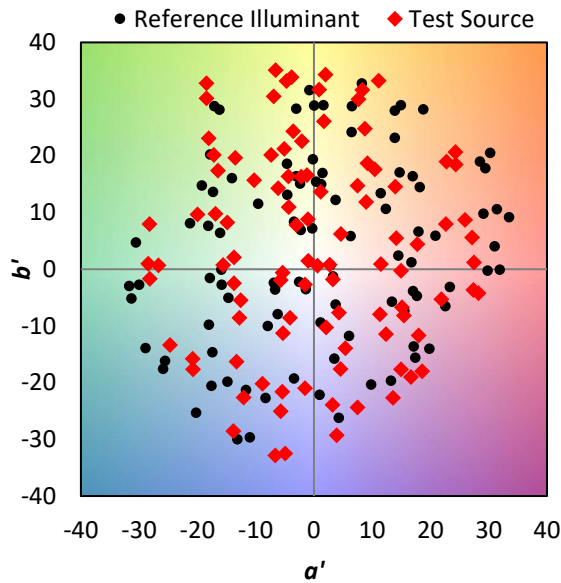
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

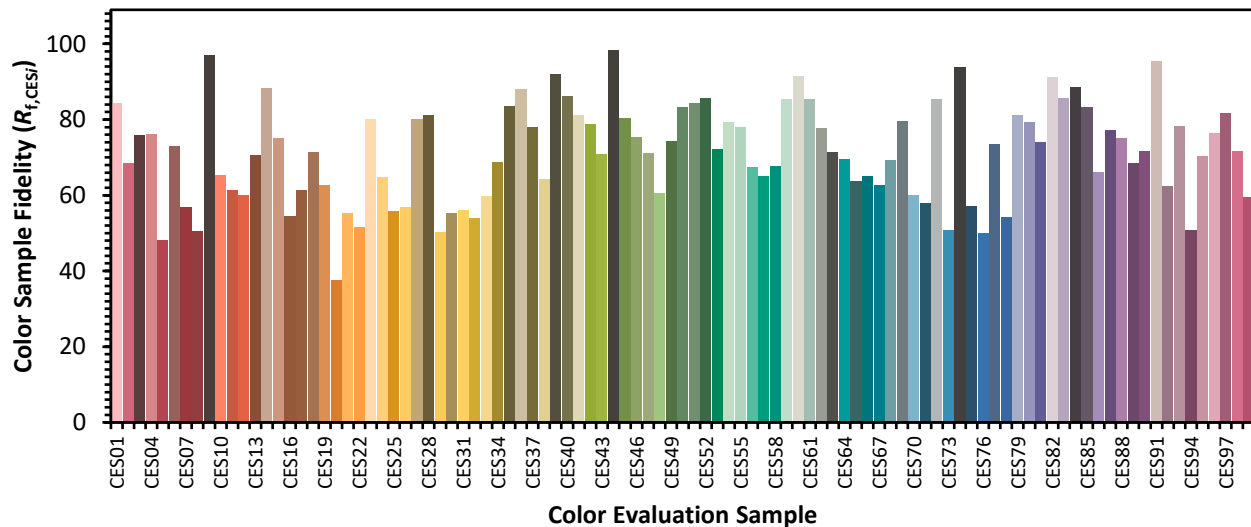


Color Vector Graphics

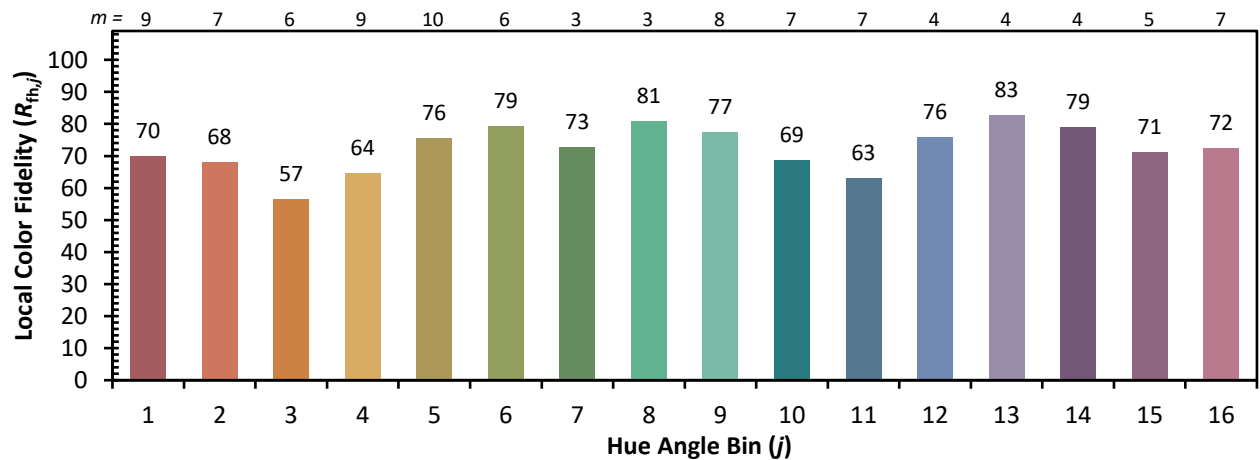
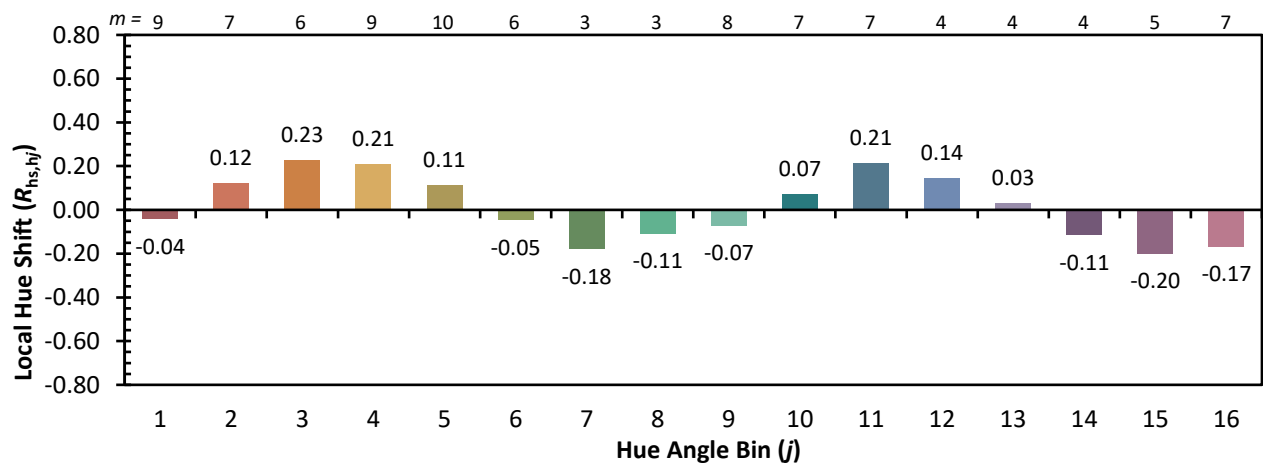
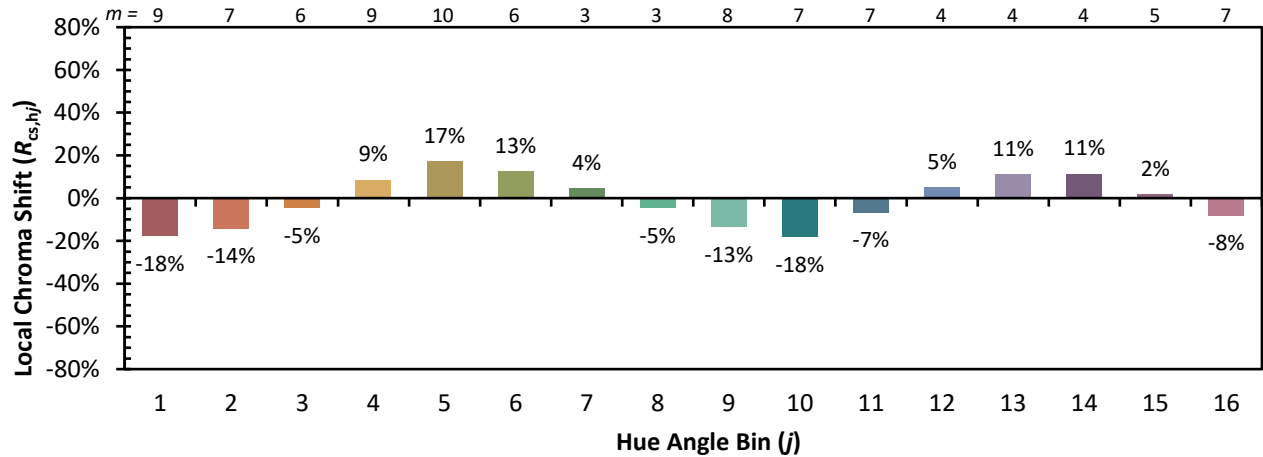


Individual Sample Fidelity Index ($R_{f,i}$)

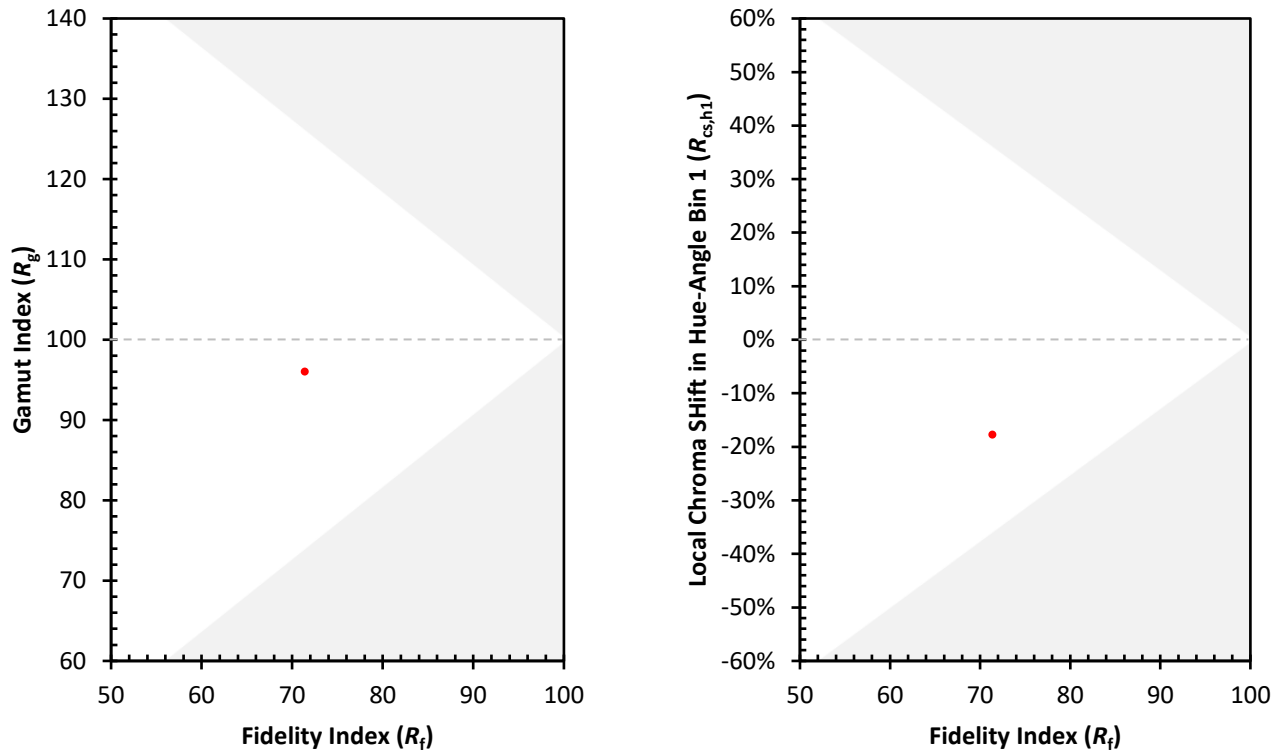
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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