

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: P1047165

Luminaire Tested: **GALN-SA3A-735-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047165
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-735-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11319.9 lumens
Efficiency: N/A
Efficacy: 139.1 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): 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

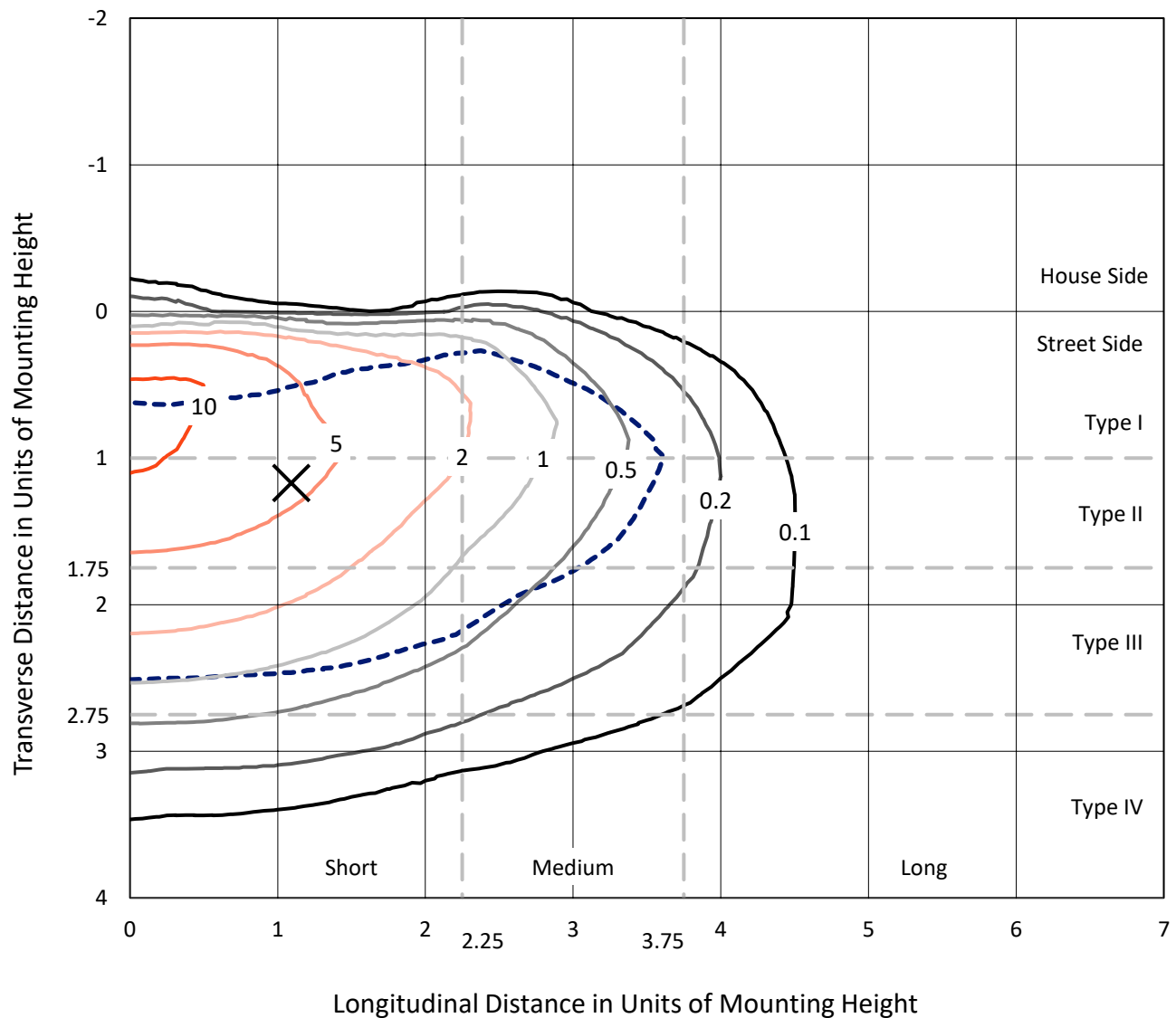


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CATALOG NUMBER: GALN-SA3A-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

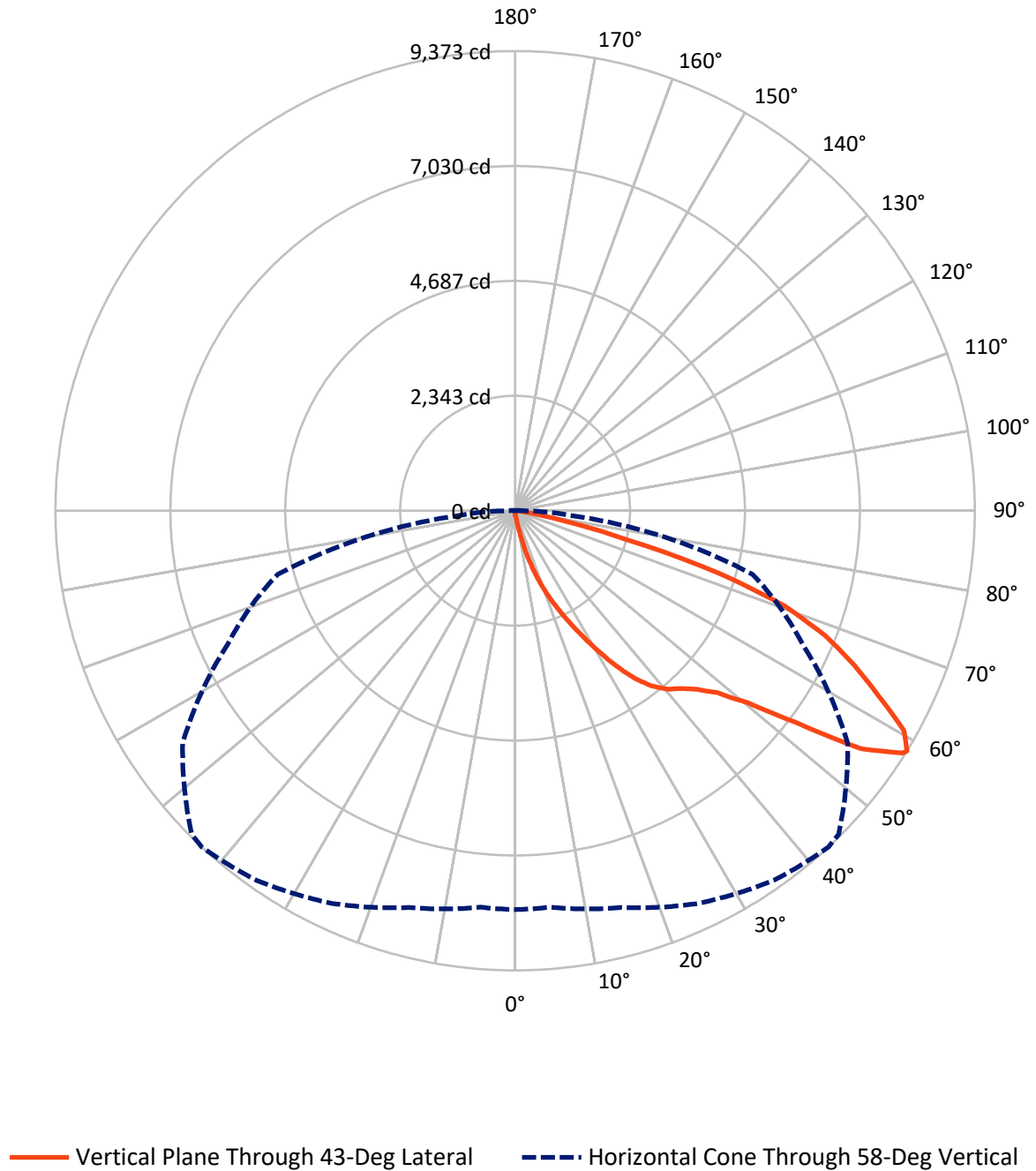


Based on 15 foot mounting height. Maximum calculated value = 12.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.3	0.0	41.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11278.6	0.0	11278.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	11319.9	0.0	11319.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.8	0.1
10°-20°	130.1	1.1
20°-30°	469.0	4.1
30°-40°	1073.1	9.5
40°-50°	1809.8	16.0
50°-60°	2986.6	26.4
60°-70°	3338.0	29.5
70°-80°	1378.2	12.2
80°-90°	124.2	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°	11319.9	100.0
0°-180°	11319.9	100.0



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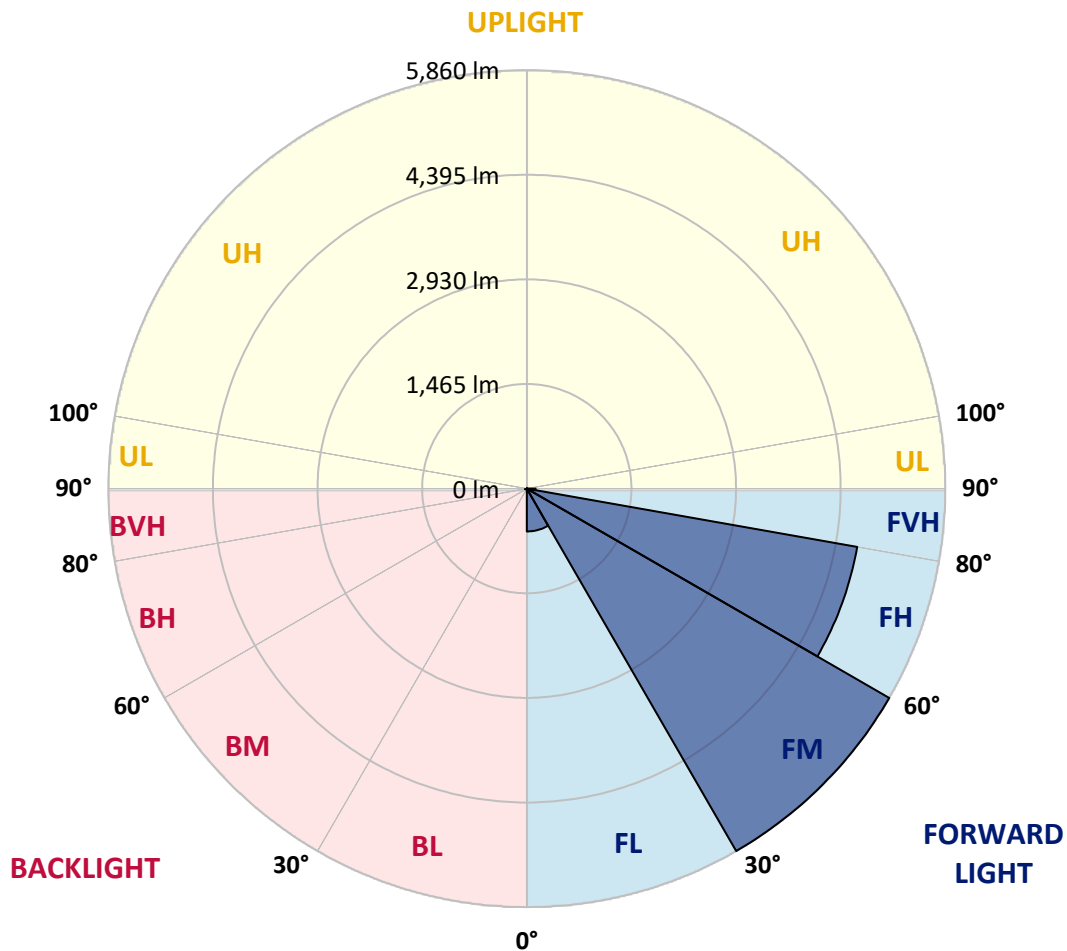
CATALOG NUMBER: GALN-SA3A-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	599.2	5.3			
FM	(30°-60°)	5859.6	51.8			
FH	(60°-80°)	4697.2	41.5			G2/5000
FVH	(80°-90°)	122.5	1.1			G2/225
BL	(0°-30°)	10.8	0.1	B0/110		
BM	(30°-60°)	9.9	0.1	B0/220		
BH	(60°-80°)	18.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2.5°	88.8	91.8	88.8	88.8	88.8	85.9	85.9	82.9	82.9	79.9	77.0
5°	130.3	130.3	121.4	115.5	109.5	106.6	103.6	97.7	91.8	85.9	79.9
7.5°	290.1	290.1	263.5	228.0	180.6	154.0	148.0	121.4	103.6	91.8	79.9
10°	692.8	692.8	633.6	535.9	414.5	307.9	275.3	174.7	124.3	97.7	82.9
12.5°	1151.7	1166.5	1092.5	968.1	787.5	601.0	535.9	319.7	165.8	106.6	82.9
15°	1563.2	1527.7	1507.0	1388.5	1216.8	994.8	911.9	538.8	239.8	121.4	82.9
17.5°	1841.5	1841.5	1811.9	1732.0	1575.1	1379.6	1311.6	870.4	387.8	139.1	85.9
20°	2167.2	2167.2	2113.9	2057.6	1918.5	1752.7	1687.6	1237.5	601.0	177.6	85.9
22.5°	2560.9	2566.9	2507.6	2407.0	2273.8	2090.2	2033.9	1578.0	870.4	236.8	88.8
25°	3040.6	3046.5	2960.6	2865.9	2661.6	2463.2	2377.4	1968.8	1199.1	331.6	88.8
27.5°	3570.5	3612.0	3484.7	3321.8	3105.7	2857.0	2791.9	2321.1	1524.7	467.8	94.7
30°	4230.7	4230.7	4062.0	3834.0	3600.1	3292.2	3209.3	2691.2	1871.1	648.4	100.7
32.5°	4799.2	4754.8	4538.6	4298.8	4050.1	3762.9	3674.1	3079.0	2226.4	873.4	112.5
35°	5234.4	5195.9	4929.4	4671.9	4455.7	4192.2	4085.7	3499.5	2602.4	1128.0	130.3
37.5°	5607.4	5592.6	5231.4	4908.7	4766.6	4535.7	4440.9	3896.2	2972.5	1403.3	151.0
40°	6016.0	5968.6	5583.7	5184.0	4970.9	4784.4	4698.5	4215.9	3327.7	1726.0	180.6
42.5°	6365.3	6309.1	5962.7	5571.9	5207.7	4956.1	4873.2	4485.3	3674.1	2048.8	219.1
45°	6753.2	6723.6	6374.2	6078.2	5592.6	5190.0	5080.4	4701.5	3990.9	2433.6	269.4
47.5°	7336.4	7283.1	6957.5	6714.7	6152.2	5545.2	5388.3	4923.5	4295.9	2812.6	346.4
50°	8014.4	7978.9	7786.4	7594.0	7034.4	6152.2	5965.7	5243.3	4636.3	3262.6	447.1
52.5°	8568.0	8562.1	8585.8	8588.8	8165.4	7173.6	6895.3	5758.4	5027.1	3706.7	589.2
55°	8556.2	8582.8	8843.4	9142.4	9175.0	8568.0	8298.6	6625.9	5536.4	4254.4	787.5
57.5°	8236.4	8215.7	8491.1	8941.1	9257.9	9323.0	9278.6	7973.0	6303.2	4914.6	1092.5
58°	8132.8	8115.1	8375.6	8834.5	9198.7	9373.3	9328.9	8277.9	6474.9	5009.4	1175.4
60°	7756.8	7759.8	7913.7	8331.2	8695.3	9109.8	9151.3	9148.3	7330.5	5642.9	1592.8
62.5°	7259.4	7235.8	7377.9	7718.3	8038.1	8316.4	8387.4	9207.5	8582.8	6448.2	2389.2
65°	6572.6	6537.1	6688.0	7072.9	7416.4	7597.0	7599.9	8414.1	9172.0	7312.7	3526.1
67.5°	5296.6	5266.9	5568.9	6063.4	6593.3	6830.2	6936.7	7300.9	8674.6	7898.9	4177.4
70°	3244.8	3307.0	3727.4	4503.1	5409.1	5844.3	6004.1	6116.6	7386.8	7810.1	3493.5
72.5°	1498.1	1424.1	1782.3	2324.1	3357.3	4325.5	4491.3	4932.4	5856.1	6779.8	2605.3
75°	698.7	672.1	755.0	1015.5	1521.8	2335.9	2637.9	3937.6	4491.3	4716.3	1880.0
77.5°	358.2	361.2	429.3	461.9	627.7	1080.6	1240.5	2590.5	3292.2	2632.0	1261.2
80°	156.9	162.8	165.8	180.6	254.6	417.4	470.7	1202.0	2250.1	1341.2	689.8
82.5°	100.7	103.6	103.6	103.6	121.4	165.8	189.5	482.6	1122.1	666.1	213.2
85°	53.3	53.3	59.2	74.0	85.9	100.7	106.6	154.0	370.1	198.4	50.3
87.5°	29.6	32.6	35.5	44.4	56.3	68.1	74.0	106.6	142.1	136.2	11.8
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-SA3A-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2.5°	77.0	74.0	71.1	68.1	65.1	62.2	62.2	62.2	62.2	62.2	62.2
5°	74.0	71.1	68.1	62.2	56.3	53.3	50.3	47.4	47.4	47.4	47.4
7.5°	74.0	71.1	62.2	56.3	50.3	44.4	38.5	38.5	38.5	38.5	38.5
10°	74.0	68.1	59.2	50.3	41.4	35.5	32.6	29.6	29.6	29.6	29.6
12.5°	74.0	65.1	56.3	44.4	35.5	29.6	26.6	23.7	23.7	23.7	23.7
15°	74.0	65.1	53.3	41.4	32.6	23.7	20.7	17.8	17.8	17.8	17.8
17.5°	71.1	62.2	50.3	35.5	26.6	17.8	14.8	11.8	11.8	14.8	14.8
20°	68.1	59.2	44.4	29.6	20.7	14.8	8.9	8.9	8.9	8.9	8.9
22.5°	68.1	59.2	41.4	26.6	17.8	8.9	5.9	5.9	5.9	5.9	8.9
25°	68.1	56.3	35.5	20.7	11.8	5.9	3.0	3.0	3.0	3.0	3.0
27.5°	68.1	56.3	32.6	17.8	8.9	5.9	3.0	0.0	0.0	0.0	0.0
30°	65.1	53.3	29.6	14.8	5.9	3.0	0.0	0.0	0.0	0.0	0.0
32.5°	65.1	50.3	23.7	11.8	5.9	3.0	0.0	0.0	0.0	0.0	0.0
35°	68.1	47.4	20.7	8.9	3.0	0.0	0.0	0.0	0.0	0.0	3.0
37.5°	71.1	44.4	17.8	5.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	74.0	41.4	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	79.9	41.4	14.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	85.9	41.4	11.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	97.7	44.4	11.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	106.6	47.4	8.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	118.4	44.4	8.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	133.2	44.4	8.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	145.1	41.4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	151.0	38.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	180.6	35.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	281.3	29.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	571.4	26.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1065.8	23.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1193.1	26.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	752.0	20.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	396.7	20.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	198.4	20.7	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	91.8	14.8	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	38.5	8.9	5.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.8	8.9	5.9	5.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.9	8.9	8.9	5.9	5.9	3.0	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

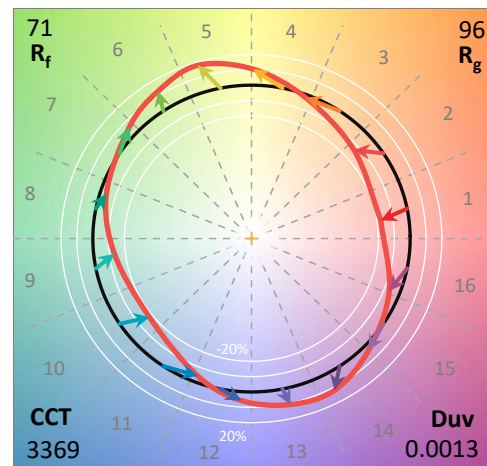
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

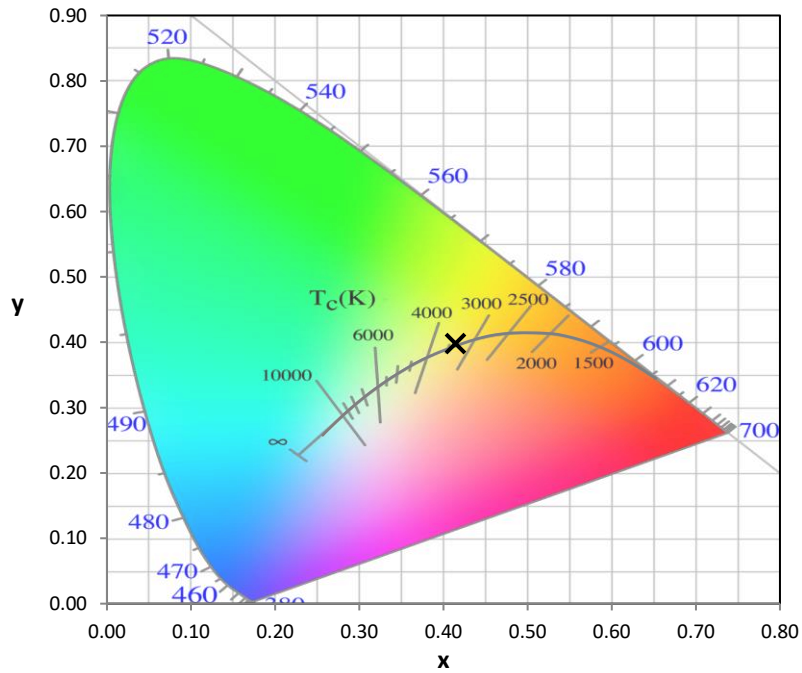
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

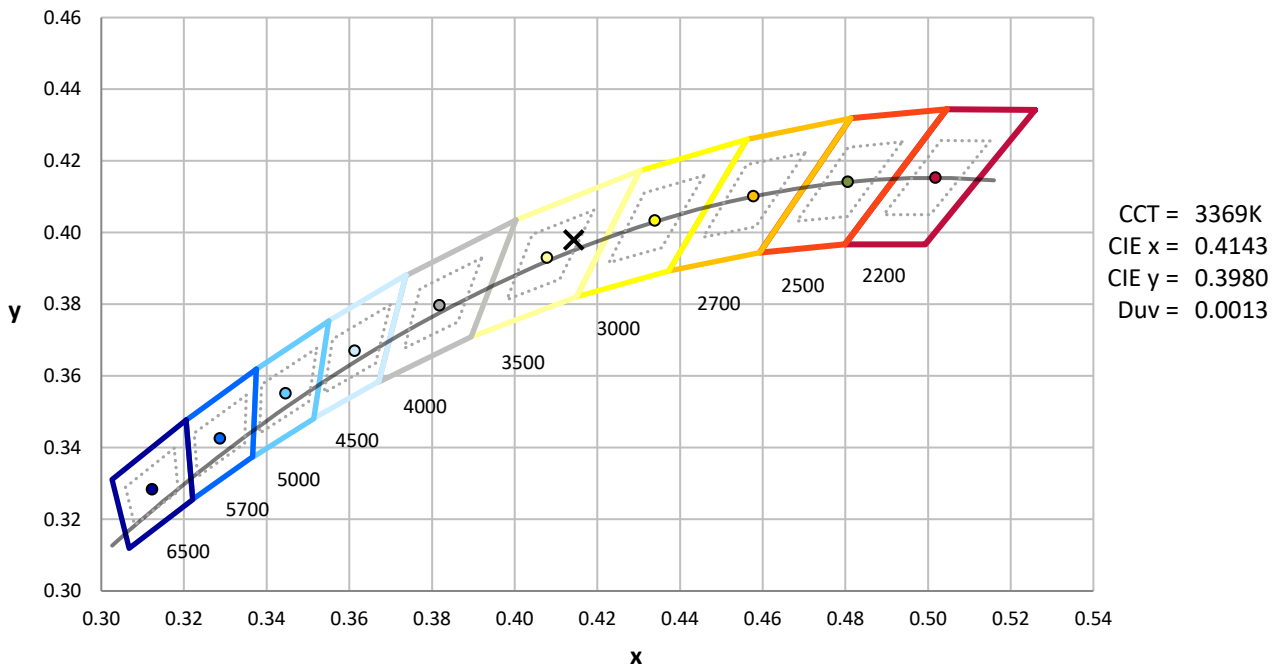
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



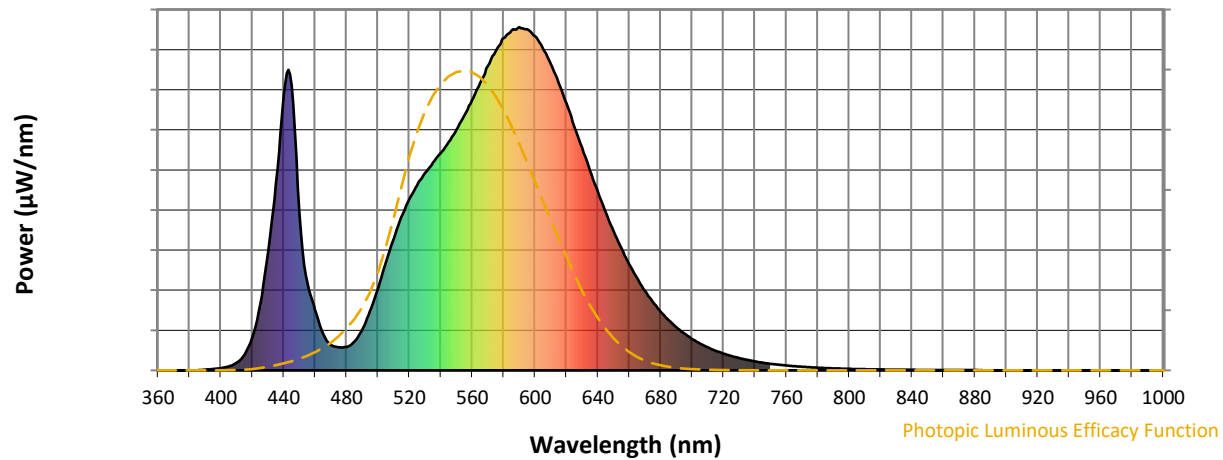
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

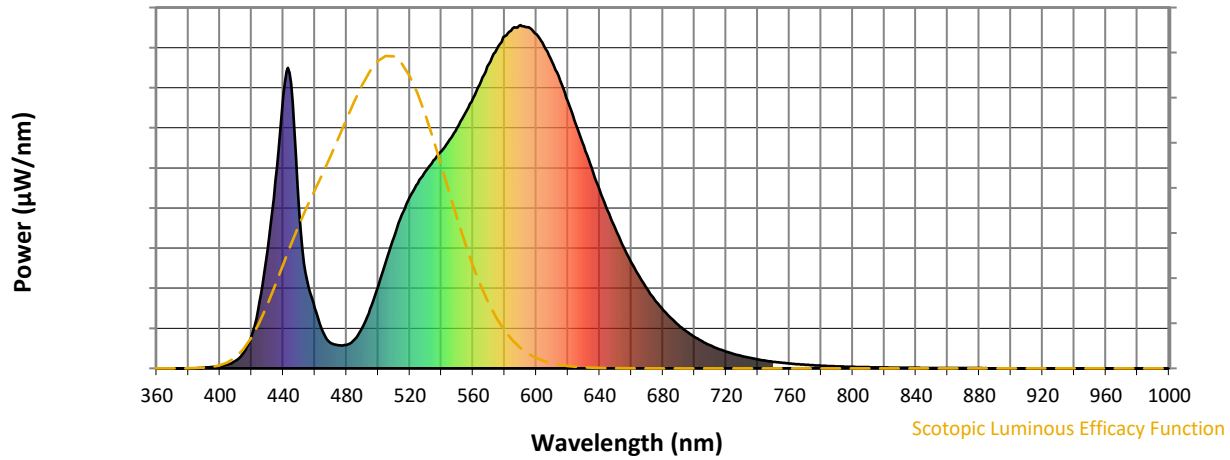


Photopic Lumens: NR

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



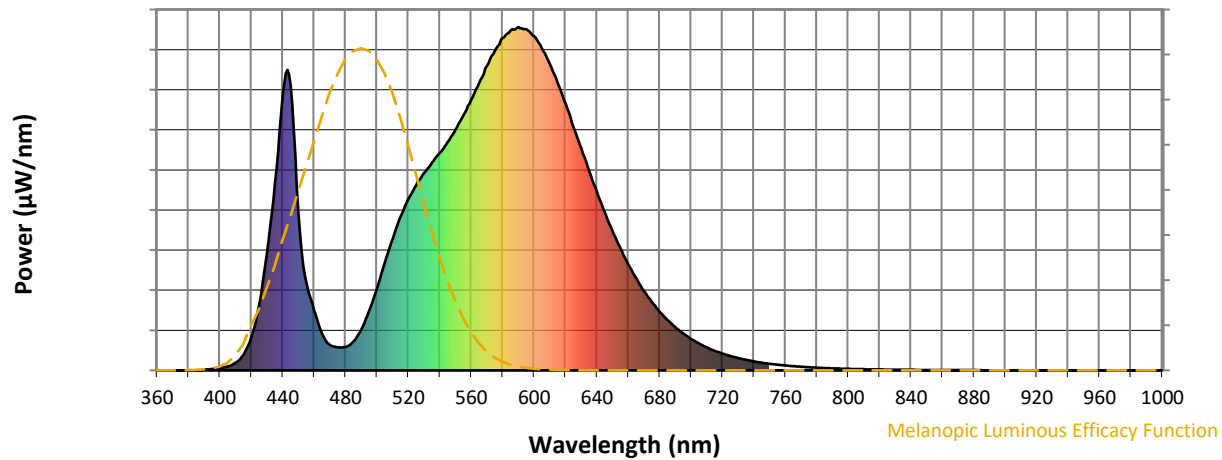
Scotopic Lumens: NR

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

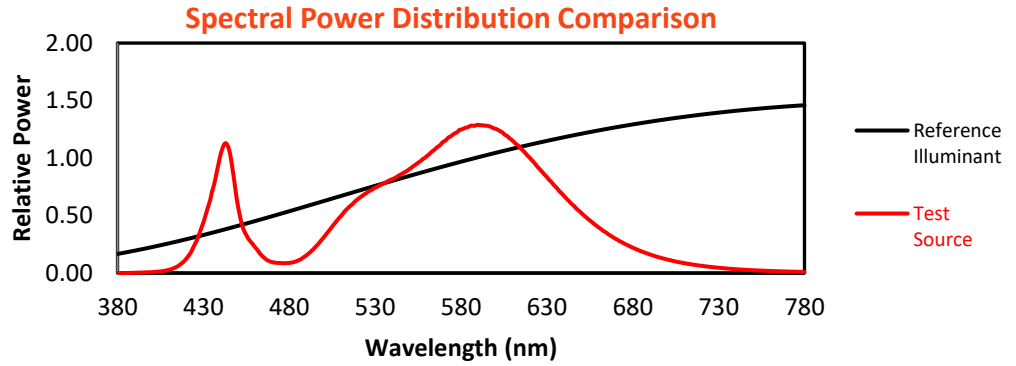
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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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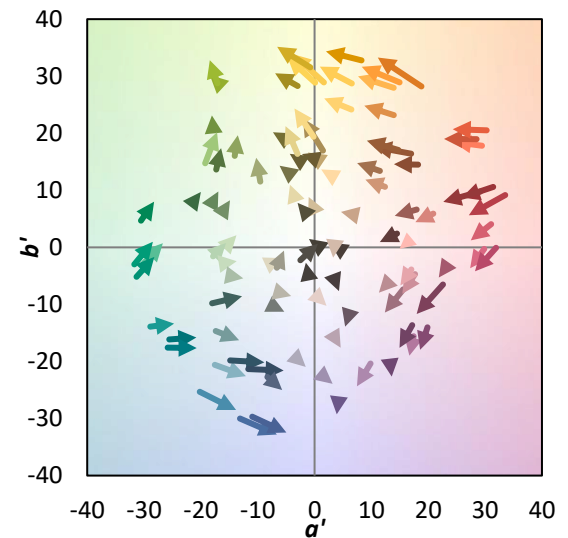
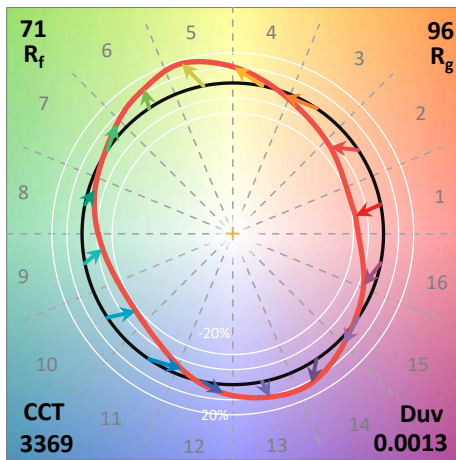
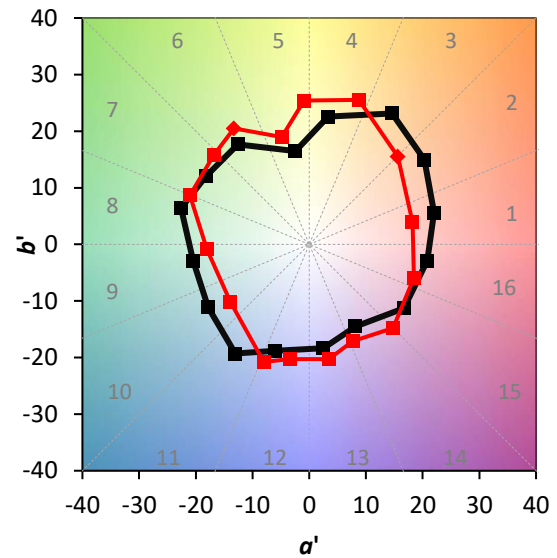
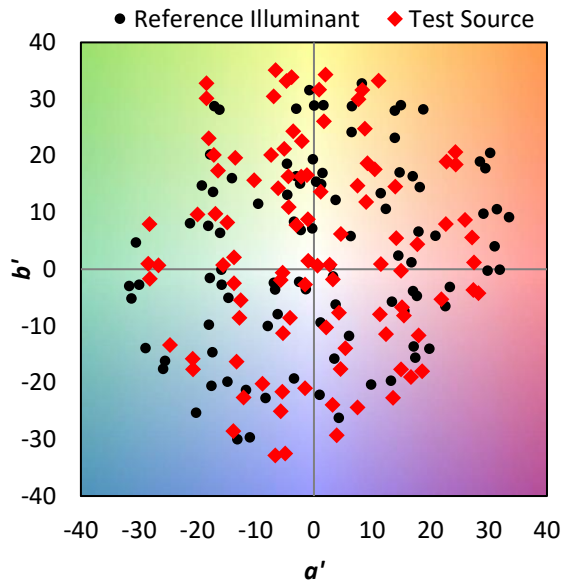
TM-30-18

Summary

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

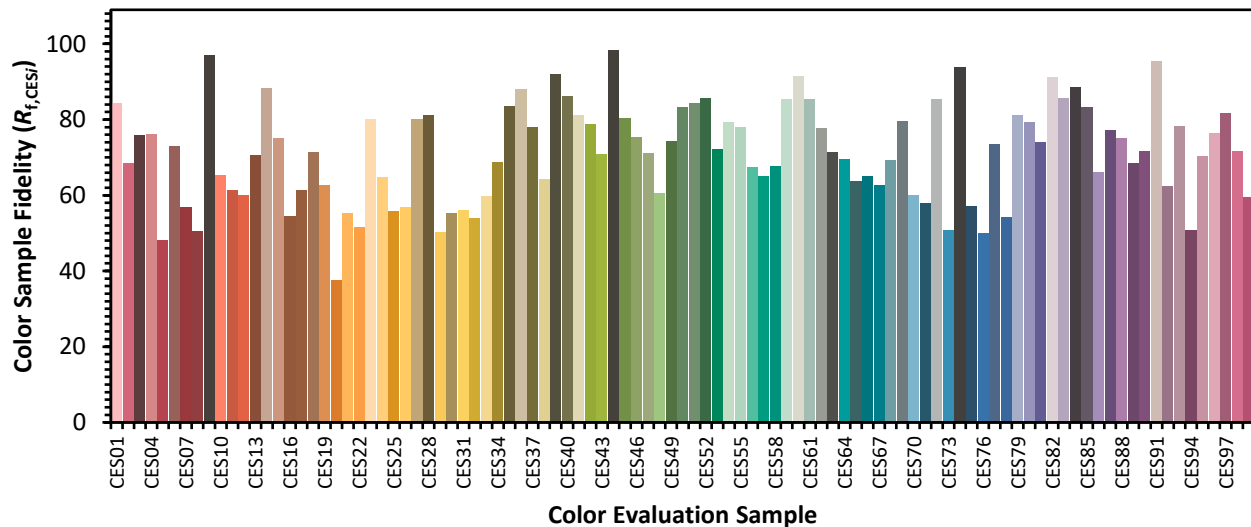


Color Vector Graphics

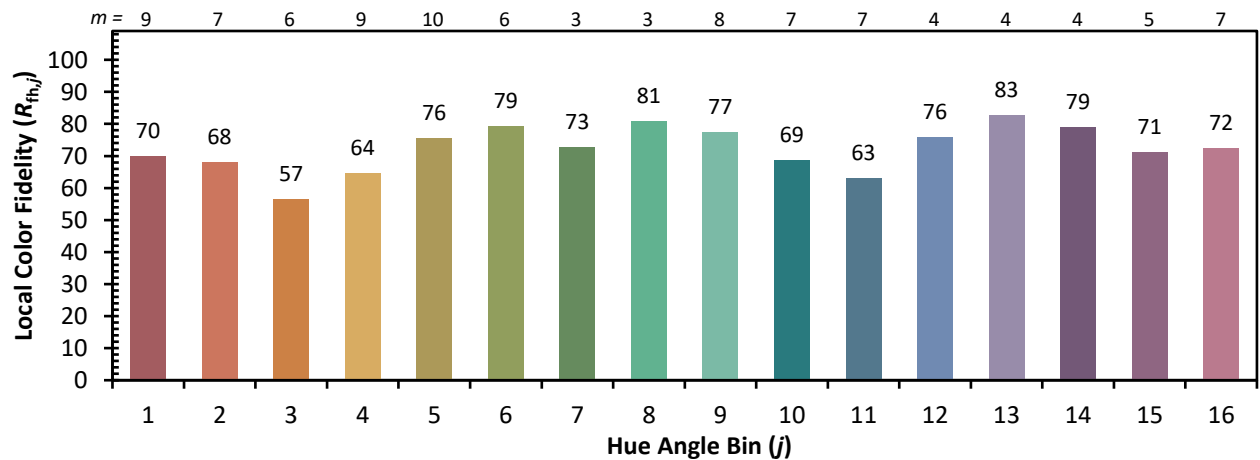
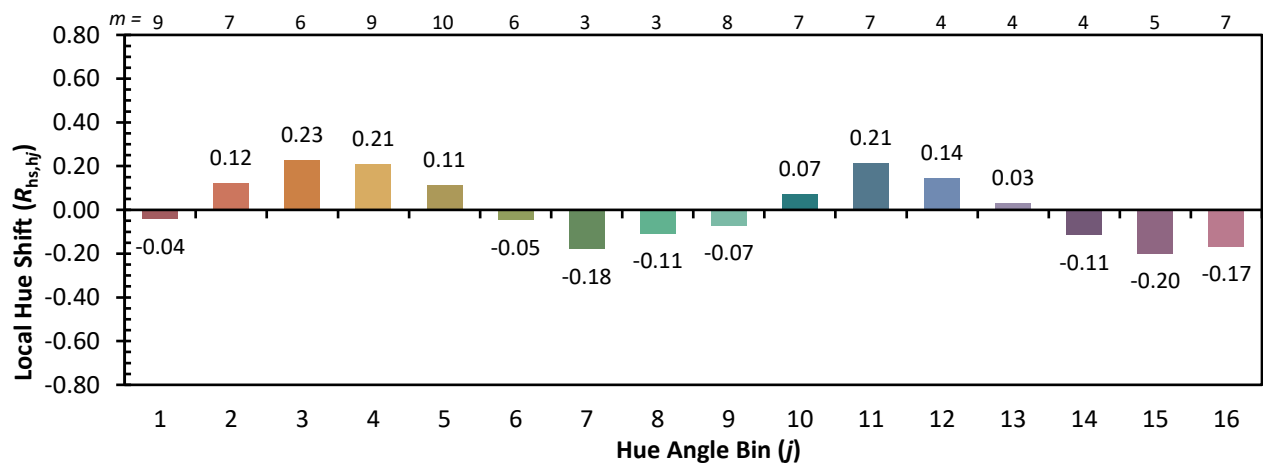
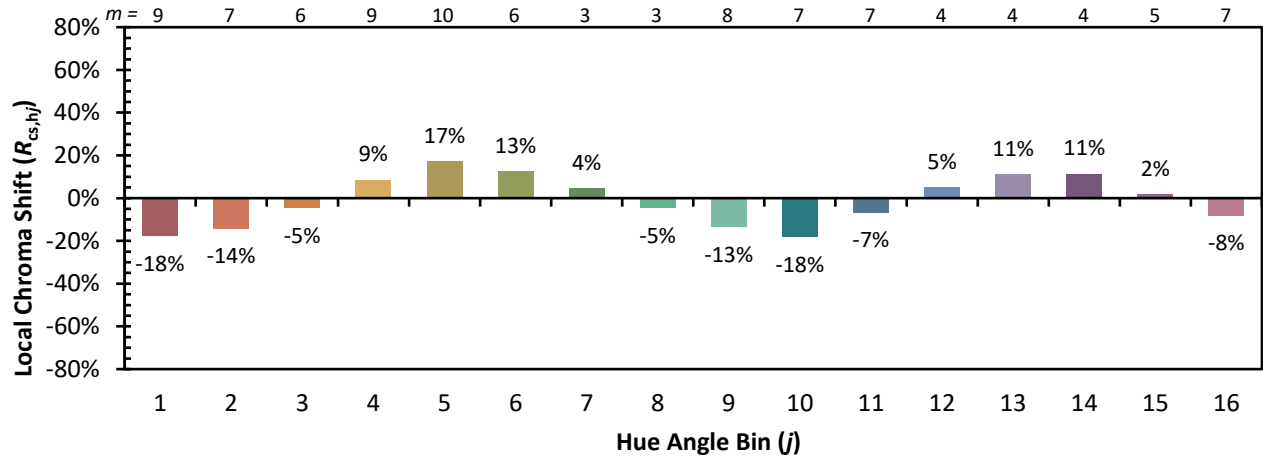


Individual Sample Fidelity Index ($R_{f,i}$)

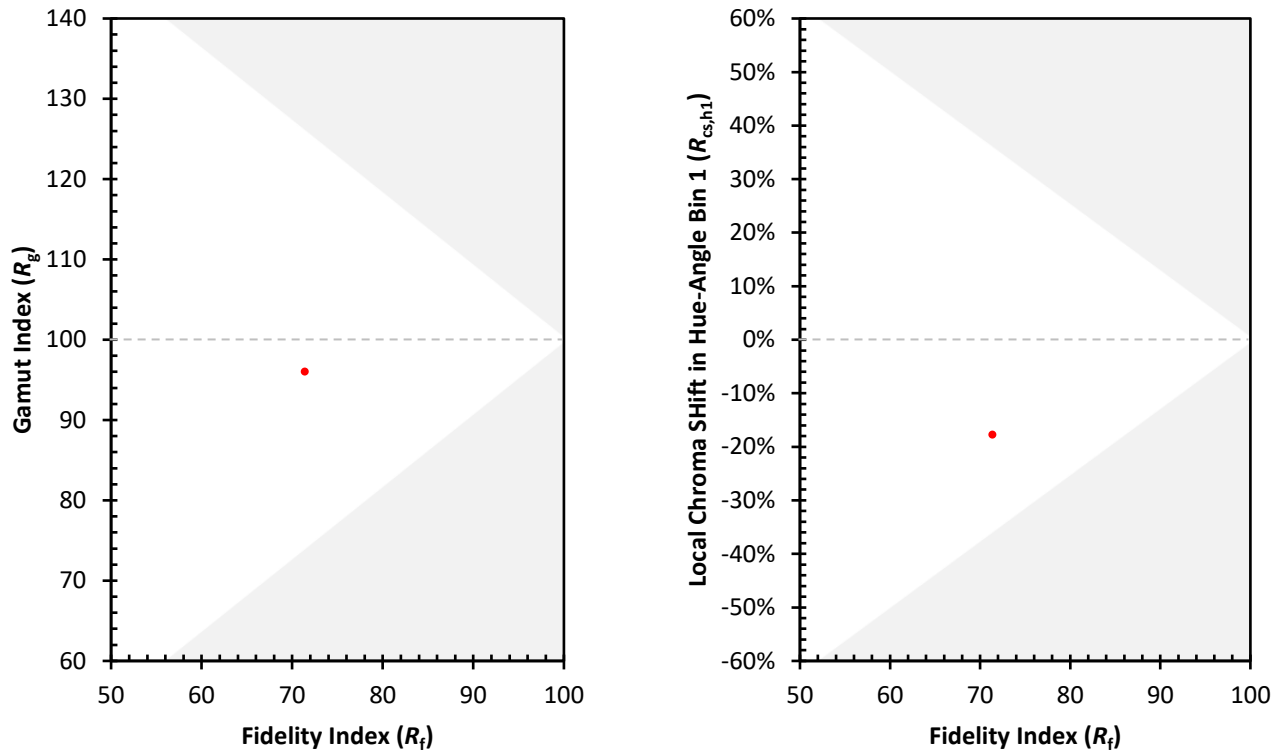
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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