

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: P1048385

Luminaire Tested: **GALN-SA2A-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048385
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7298.3 lumens
Efficiency: N/A
Efficacy: 130.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 55.8
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

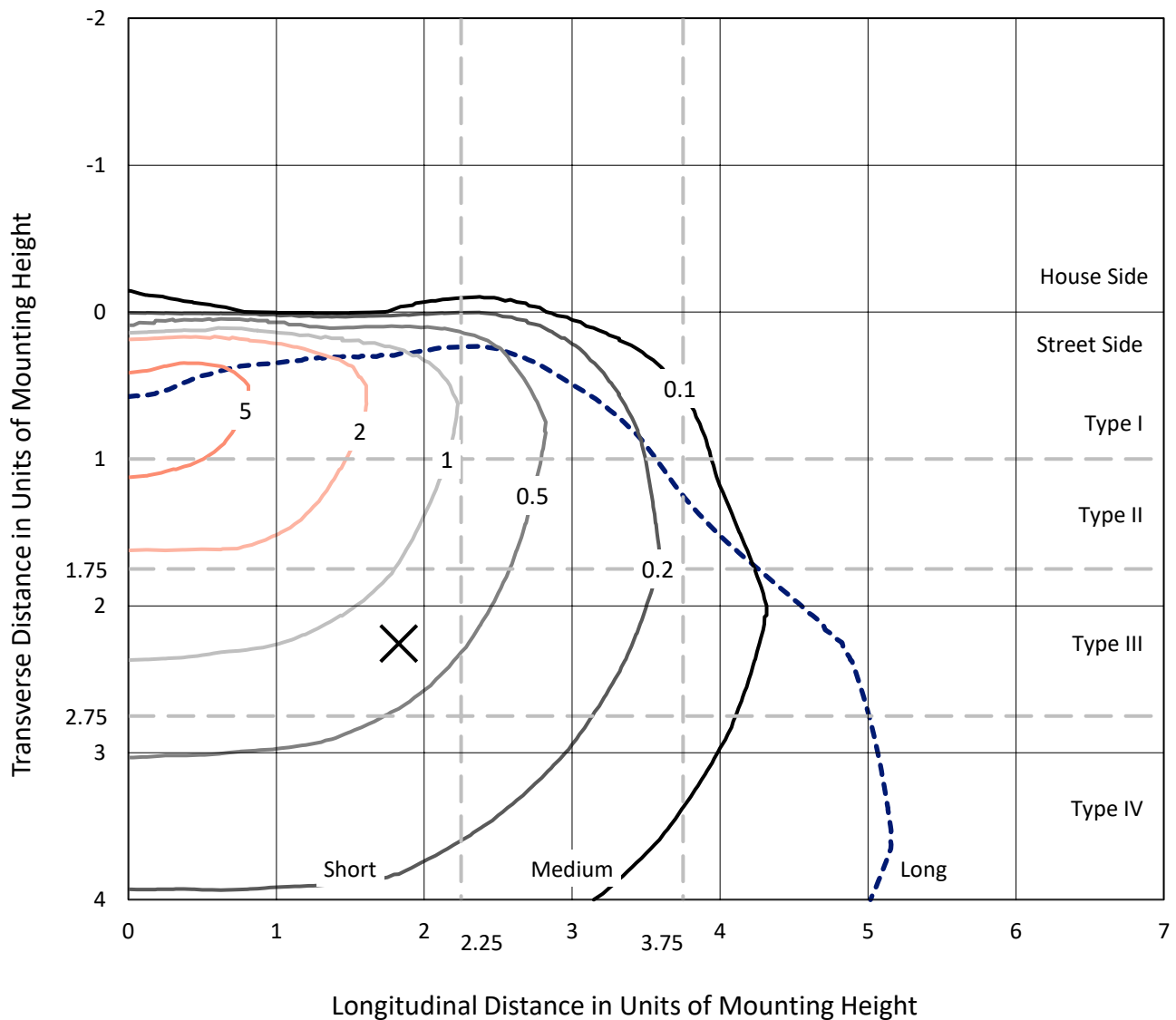


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

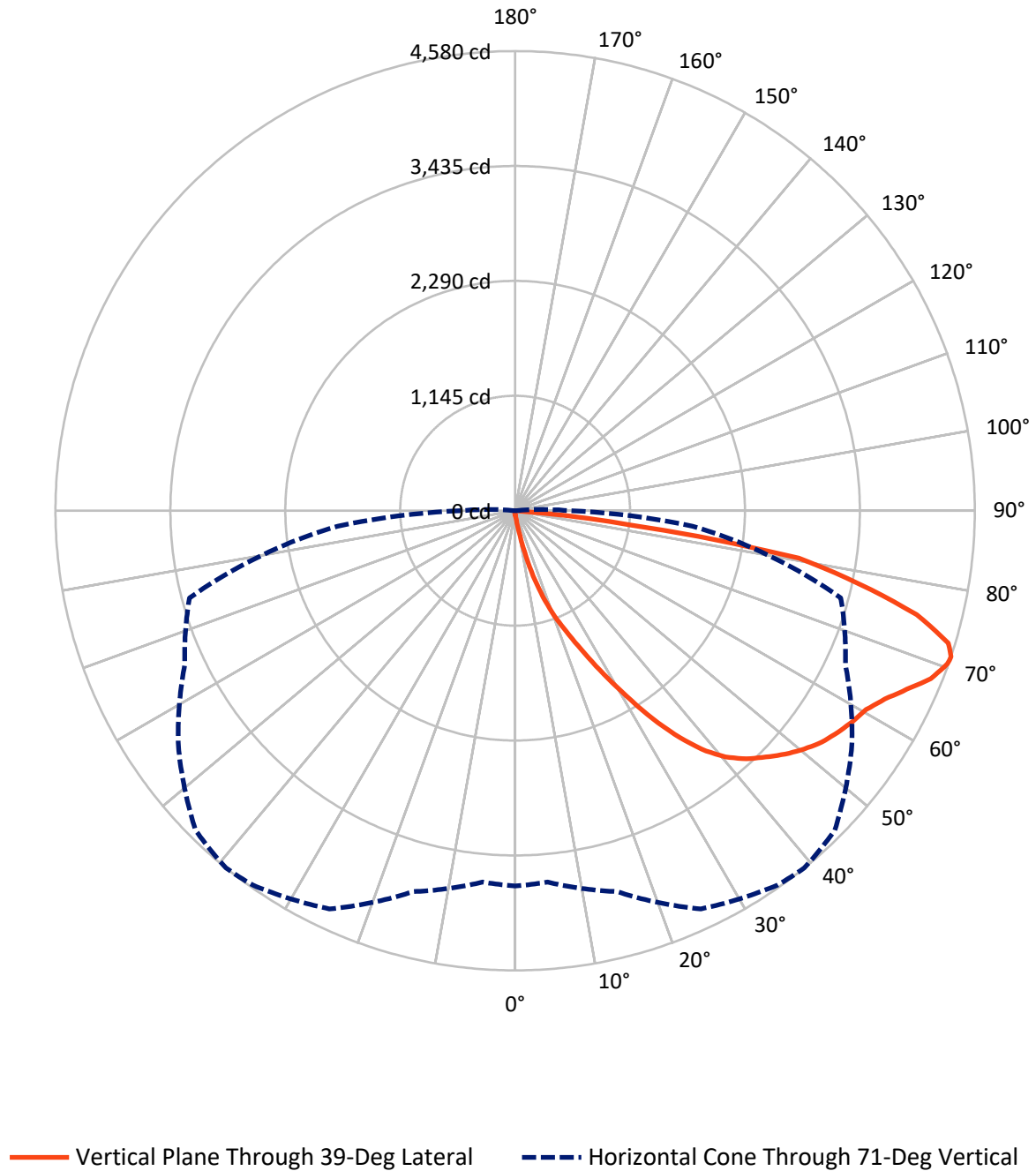


Based on 15 foot mounting height. Maximum calculated value = 7.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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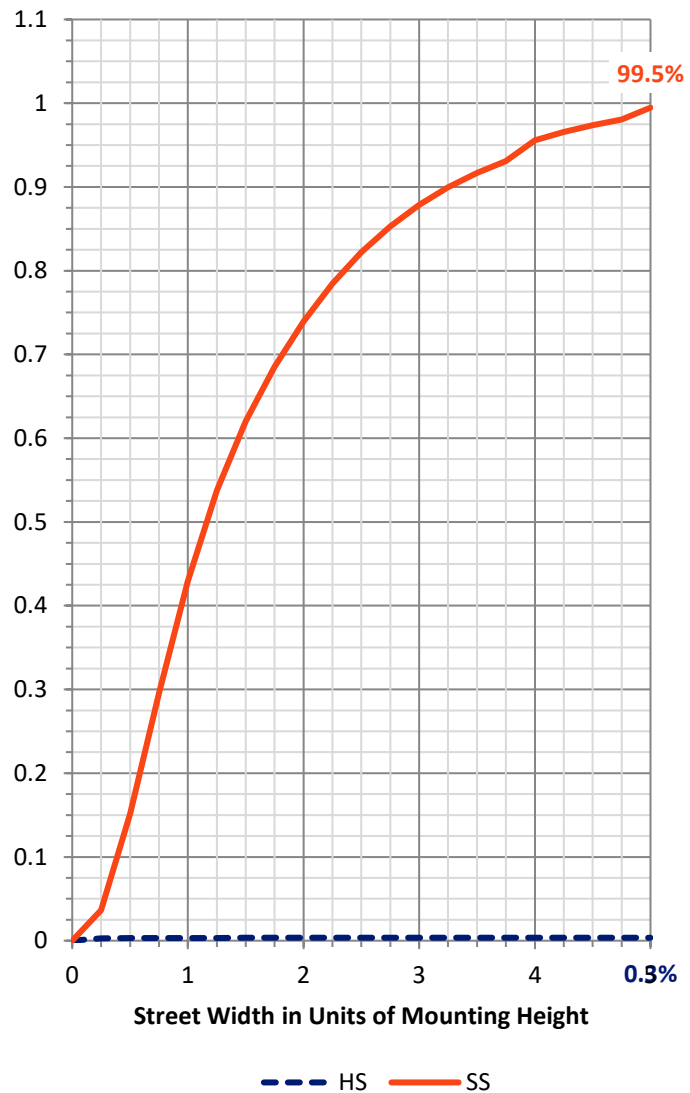
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.0	0.0	26.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7272.4	0.0	7272.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	7298.3	0.0	7298.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.1
10°-20°	78.0	1.1
20°-30°	277.8	3.8
30°-40°	669.5	9.2
40°-50°	1120.5	15.4
50°-60°	1439.1	19.7
60°-70°	1821.2	25.0
70°-80°	1623.7	22.2
80°-90°	262.5	3.6
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°	7298.3	100.0
0°-180°	7298.3	100.0



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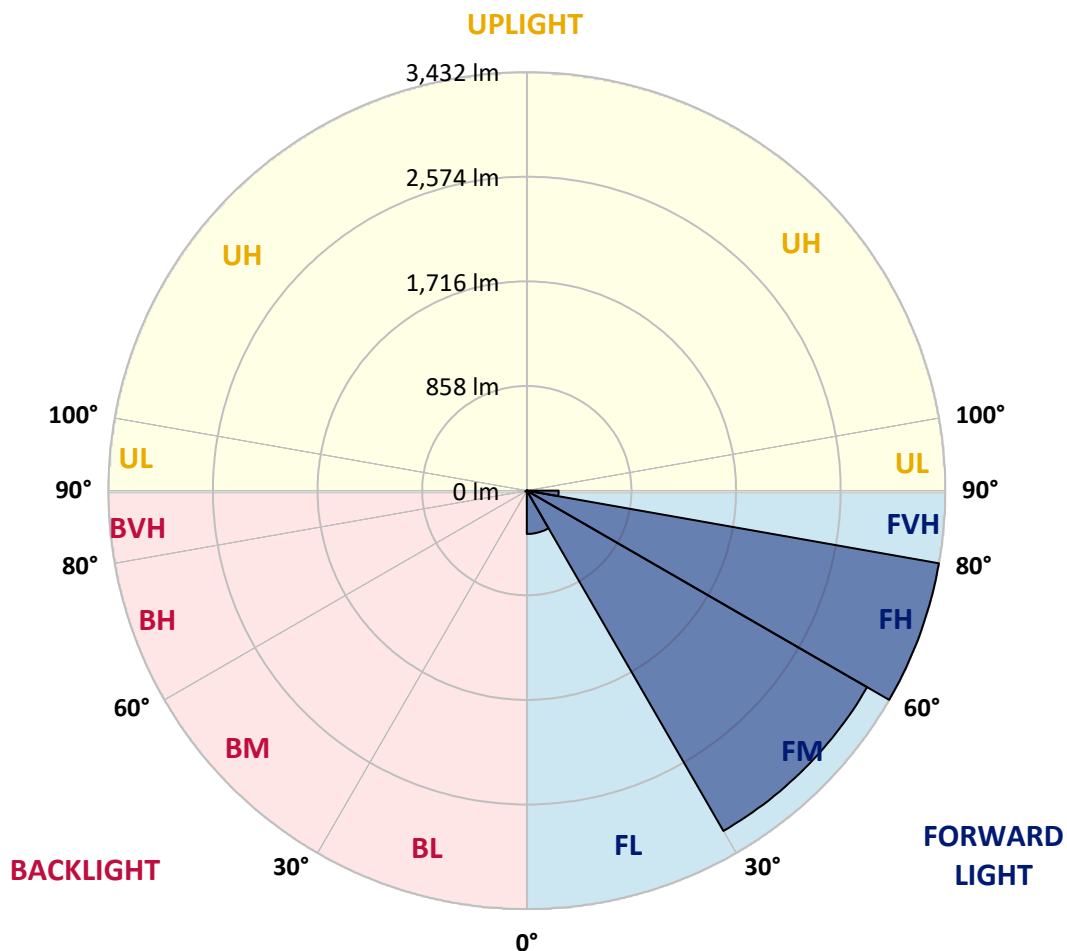
CATALOG NUMBER: GALN-SA2A-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	355.6	4.9			
FM	(30°-60°)	3223.1	44.2			
FH	(60°-80°)	3432.4	47.0			G2/5000
FVH	(80°-90°)	261.3	3.6			G3/500
BL	(0°-30°)	6.3	0.1	B0/110		
BM	(30°-60°)	6.0	0.1	B0/220		
BH	(60°-80°)	12.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
2.5°	45.9	45.9	45.9	44.5	44.5	44.0	43.5	43.5	42.5	42.0	41.0
5°	69.7	68.2	64.7	62.7	58.8	56.3	53.9	50.4	46.9	44.5	41.5
7.5°	157.6	161.1	149.7	128.5	106.7	97.3	81.5	65.7	54.3	46.9	42.0
10°	401.7	399.7	361.2	318.7	246.0	216.9	170.0	107.2	70.2	51.4	42.5
12.5°	683.3	681.3	635.9	578.0	482.2	421.4	332.5	200.1	100.8	58.3	42.5
15°	919.9	912.0	897.7	840.4	728.2	677.4	559.8	353.7	163.0	70.2	43.5
17.5°	1076.6	1069.6	1056.3	1035.5	964.4	904.1	809.8	555.8	263.8	90.9	45.5
20°	1220.3	1215.4	1204.5	1200.6	1154.6	1122.5	1044.4	788.0	411.1	123.5	48.4
22.5°	1417.9	1407.6	1412.0	1388.3	1343.3	1304.8	1256.9	1031.1	590.9	177.9	53.9
25°	1660.0	1655.1	1642.7	1625.9	1563.7	1530.1	1456.5	1260.3	792.0	249.0	59.8
27.5°	1952.5	1947.1	1944.1	1905.6	1833.9	1797.4	1694.6	1476.7	1018.3	348.8	67.7
30°	2289.5	2291.9	2272.7	2223.3	2139.8	2088.4	1982.7	1703.5	1250.0	465.9	76.1
32.5°	2638.3	2633.3	2603.7	2545.4	2470.8	2422.9	2288.5	1952.0	1493.0	620.5	86.0
35°	3014.2	3004.9	2926.8	2860.1	2796.4	2736.1	2613.6	2240.6	1736.1	794.0	99.3
37.5°	3393.7	3349.7	3193.1	3108.6	3064.6	3015.2	2901.1	2548.3	1977.7	987.6	115.6
40°	3680.2	3646.1	3460.4	3304.8	3269.7	3227.7	3142.7	2814.2	2234.6	1195.6	135.4
42.5°	3838.8	3820.1	3653.1	3499.4	3416.9	3379.8	3307.2	3046.4	2488.6	1425.4	164.0
45°	3906.5	3877.4	3765.7	3694.1	3562.6	3501.4	3414.9	3221.8	2753.9	1686.2	204.0
47.5°	3885.8	3869.0	3788.9	3815.1	3719.8	3624.4	3497.4	3356.1	2980.6	1985.6	258.9
50°	3755.3	3741.0	3716.3	3858.1	3846.2	3733.6	3604.2	3462.4	3165.9	2294.4	343.9
52.5°	3507.3	3501.4	3564.6	3824.5	3917.9	3829.9	3706.9	3556.2	3338.8	2617.0	465.4
55°	3187.7	3211.9	3392.7	3772.1	3954.4	3901.1	3797.8	3644.2	3477.7	2905.6	644.7
57.5°	3056.2	3062.7	3288.4	3735.1	3970.7	3963.8	3886.3	3728.2	3605.1	3136.3	918.5
60°	3209.9	3200.0	3319.1	3763.2	4003.3	4020.1	3964.8	3806.2	3715.8	3334.4	1283.1
62.5°	3487.6	3482.1	3520.2	3883.3	4098.7	4132.8	4074.0	3862.5	3813.6	3464.8	1699.1
65°	3735.6	3724.2	3794.9	4096.2	4266.2	4290.4	4239.0	3958.9	3856.6	3559.7	2089.9
67.5°	3842.8	3840.3	3953.9	4298.8	4442.1	4468.3	4423.3	4091.8	3846.7	3589.8	2262.3
70°	3793.9	3784.5	3966.3	4384.8	4541.4	4571.0	4527.5	4141.2	3739.5	3494.5	2006.9
71°	3740.0	3714.8	3929.2	4378.8	4555.2	4580.4	4504.3	4096.2	3631.8	3359.1	1775.1
72.5°	3573.0	3577.5	3827.5	4317.1	4522.1	4514.7	4372.9	3935.2	3501.9	3051.8	1425.9
75°	3162.0	3188.2	3497.9	4057.7	4226.7	4132.3	3915.4	3627.4	3241.0	2188.2	990.1
77.5°	2583.9	2623.0	2963.4	3558.7	3510.8	3501.4	3492.5	3196.1	2767.7	1175.4	688.7
80°	1233.7	1318.1	1787.5	2540.4	2759.8	2866.0	2799.3	2575.5	2140.3	559.8	411.6
82.5°	80.5	79.5	112.6	213.4	899.7	1163.0	1847.8	1840.9	1492.1	272.7	168.0
85°	38.0	39.0	43.0	48.9	56.8	62.3	86.0	503.9	713.9	129.9	36.6
87.5°	22.2	22.7	26.7	34.1	44.5	49.4	58.8	75.6	92.9	71.6	7.9
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: P1048385

CATALOG NUMBER: GALN-SA2A-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
2.5°	40.5	40.0	38.5	37.1	35.6	34.6	34.1	34.6	34.6	35.1	35.1
5°	40.5	39.0	36.6	33.6	31.6	29.6	28.7	28.2	28.7	28.7	28.7
7.5°	40.0	37.5	34.1	30.6	28.2	25.7	24.7	24.2	24.2	24.7	24.7
10°	39.0	36.6	32.1	28.2	25.2	22.2	20.8	19.3	19.3	19.3	19.8
12.5°	38.5	35.1	29.6	25.7	21.7	18.3	15.3	13.8	14.3	14.3	14.3
15°	37.5	33.6	28.2	23.2	18.3	13.8	11.4	9.9	10.4	10.9	10.4
17.5°	37.5	33.1	26.2	20.3	14.3	10.4	8.4	7.4	7.4	7.9	7.9
20°	37.5	32.1	24.7	17.3	10.9	7.9	5.9	5.4	5.4	6.4	6.9
22.5°	38.5	32.1	22.7	14.3	8.9	5.9	4.4	4.0	4.4	5.4	5.9
25°	40.0	31.6	20.8	12.8	7.4	4.4	3.5	2.5	3.0	4.0	4.4
27.5°	41.5	31.1	18.8	11.4	5.9	3.5	2.5	2.0	1.5	2.0	2.0
30°	43.0	31.1	16.8	9.4	4.9	2.5	1.5	1.0	0.5	0.0	0.0
32.5°	44.0	30.1	15.3	7.4	4.0	2.0	1.0	0.5	0.0	0.0	0.0
35°	45.0	29.1	13.3	5.9	3.0	1.5	0.5	0.0	0.0	0.0	0.0
37.5°	45.9	27.7	11.4	4.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0
40°	46.9	25.7	9.4	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	47.9	24.2	7.9	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	50.4	23.2	6.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	54.8	22.2	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	61.3	21.2	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	70.2	20.8	4.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	86.0	20.3	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	113.1	19.8	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	173.4	18.8	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	309.8	18.3	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	540.0	18.8	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	774.2	19.8	3.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	662.5	17.3	3.5	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
71°	540.0	15.3	3.5	2.0	1.0	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	347.3	11.9	3.0	2.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
75°	146.7	9.9	3.0	2.0	1.5	1.0	1.0	0.5	0.0	0.0	0.0
77.5°	62.7	7.4	3.0	2.5	2.0	1.5	1.5	1.0	0.5	0.0	0.0
80°	23.7	5.9	3.5	3.0	2.5	2.5	2.0	1.0	0.5	0.0	0.0
82.5°	10.9	4.9	3.5	3.0	3.0	2.5	2.0	1.5	1.0	0.0	0.0
85°	6.9	4.4	3.5	3.0	3.0	2.5	2.5	1.5	1.0	0.0	0.0
87.5°	5.4	4.4	3.5	3.5	3.0	3.0	2.0	1.5	0.5	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

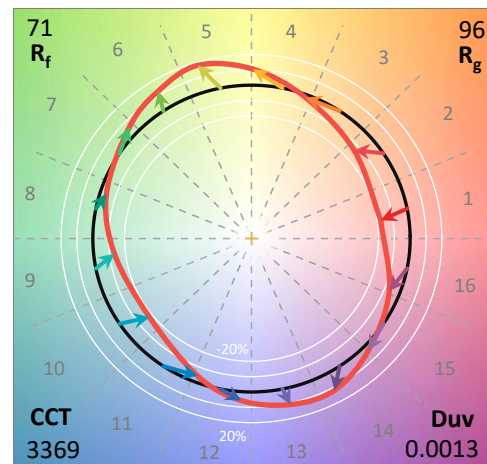
Test Information

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

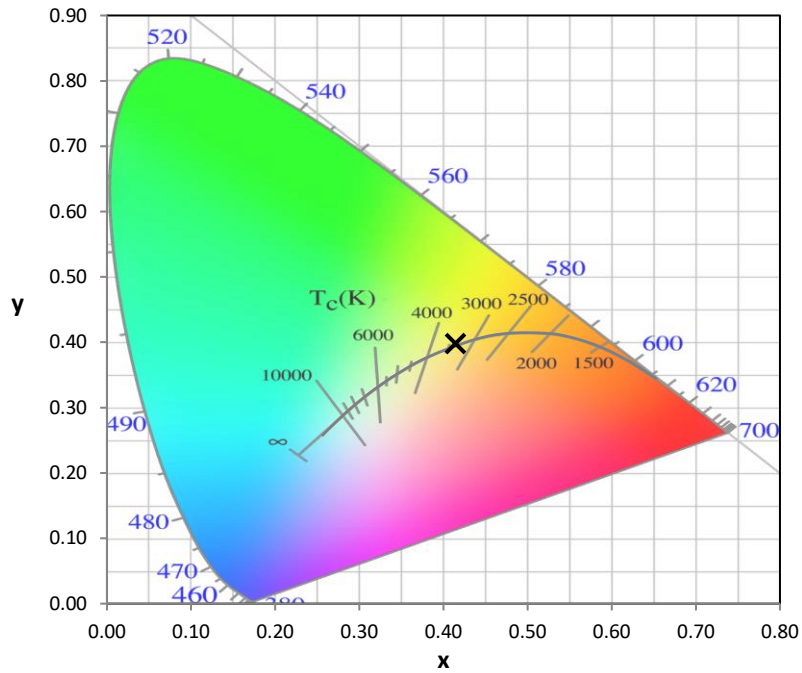
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

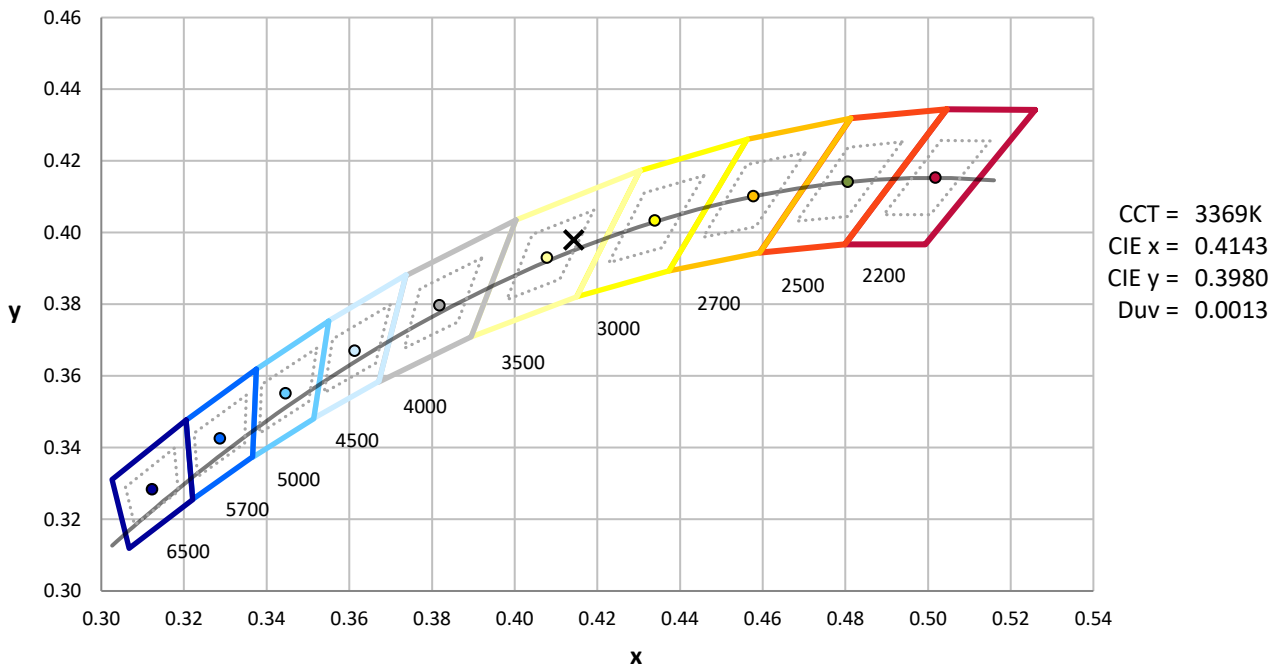
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



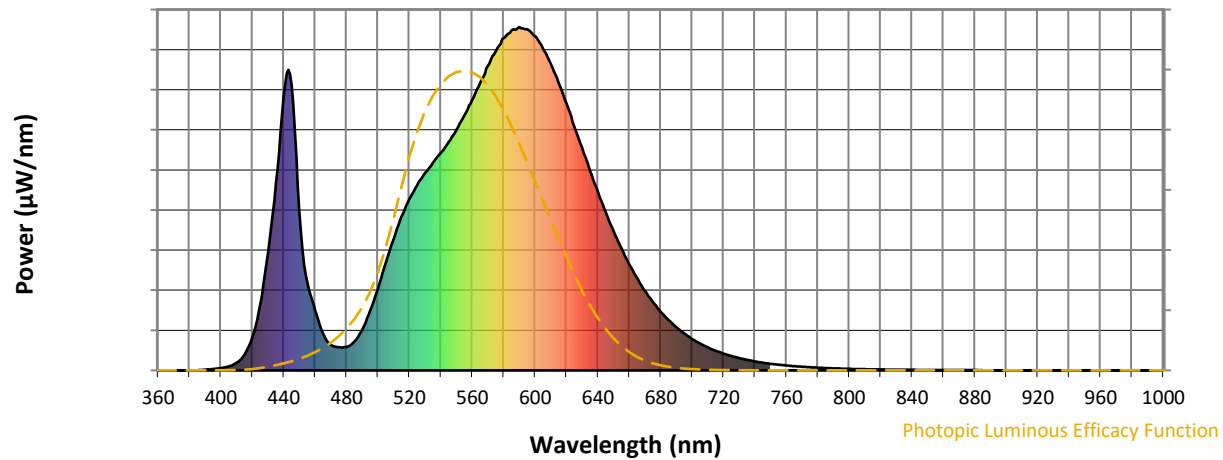
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

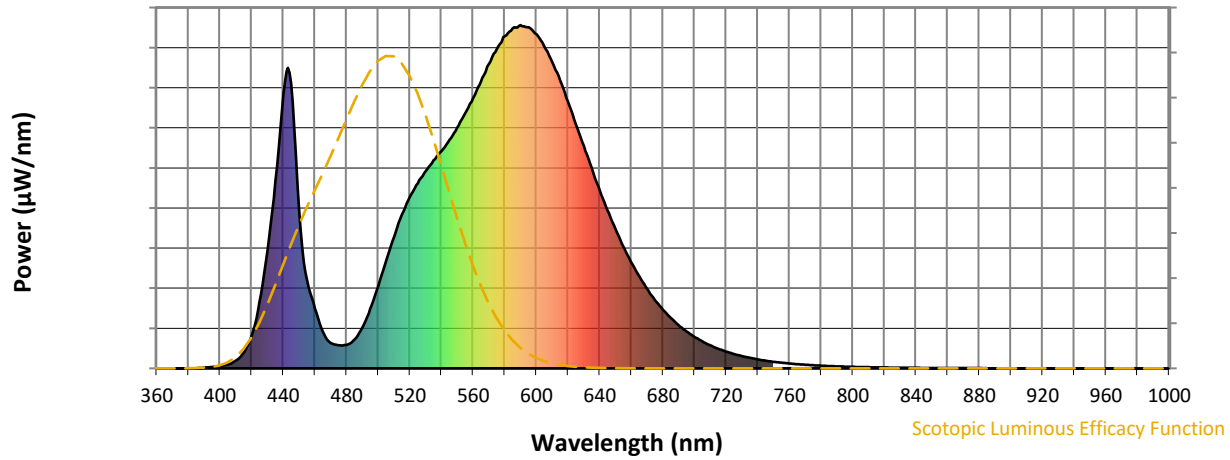


Photopic Lumens: NR

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



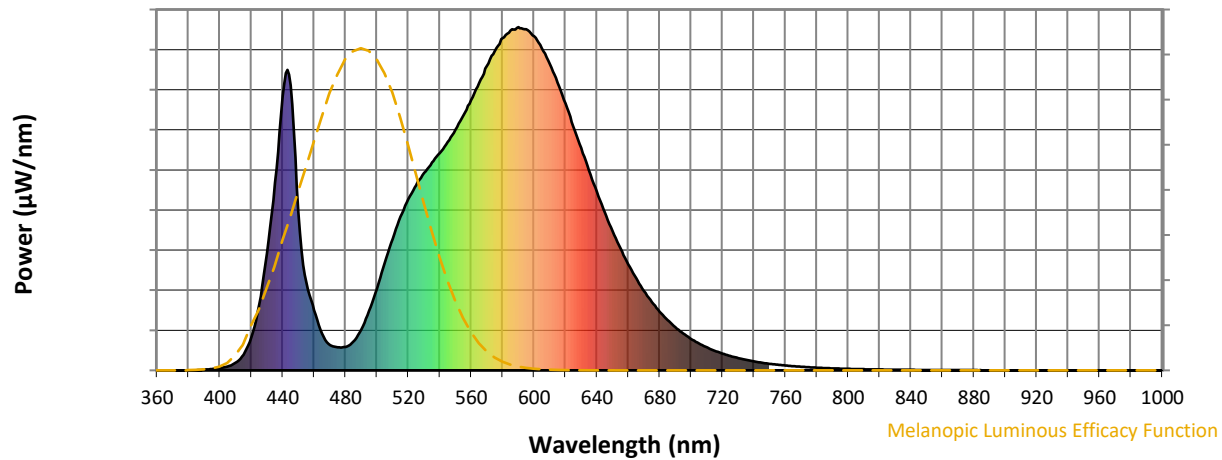
Scotopic Lumens: NR

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

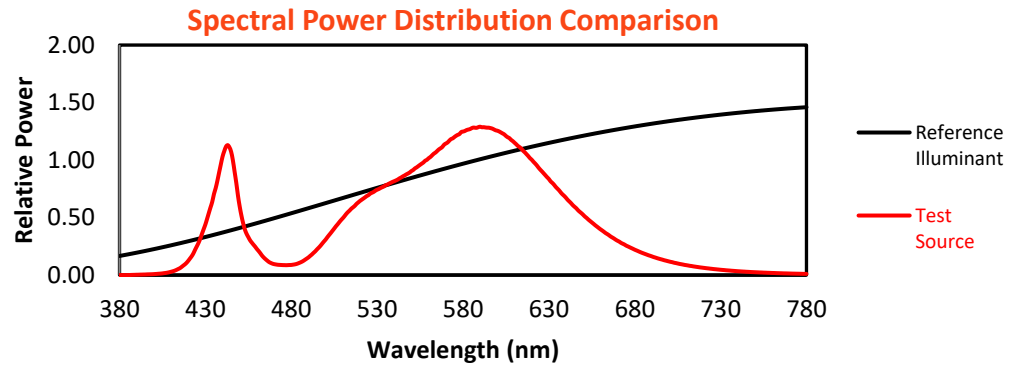
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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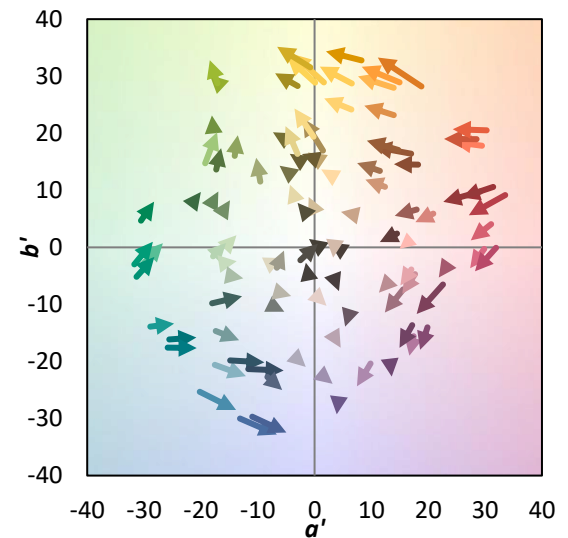
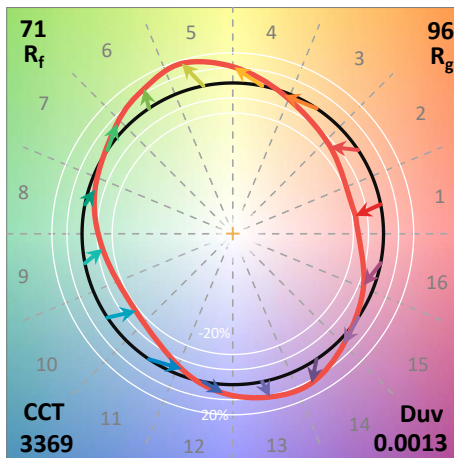
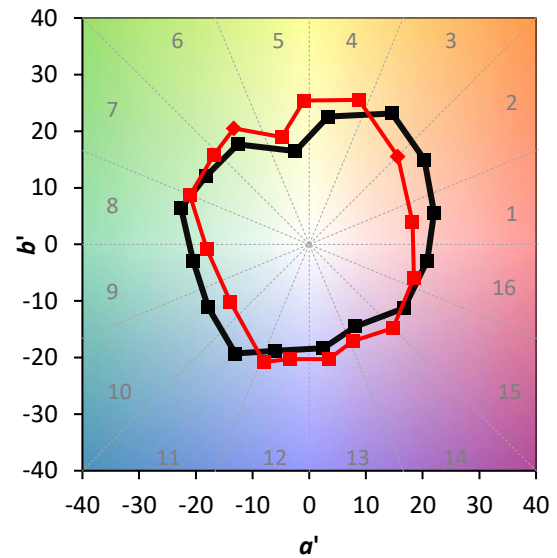
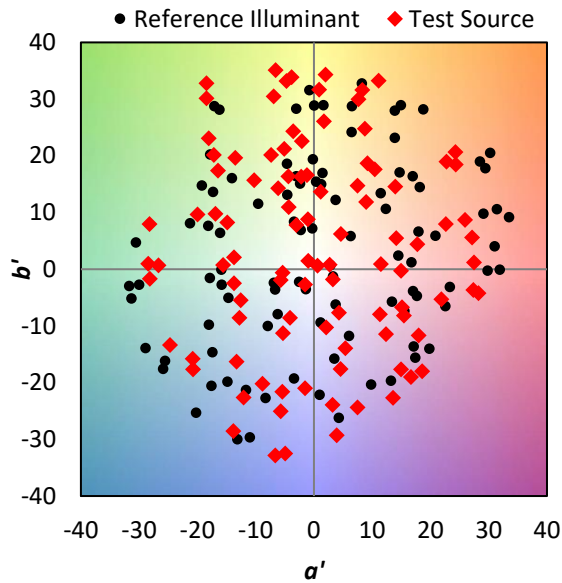
TM-30-18

Summary

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

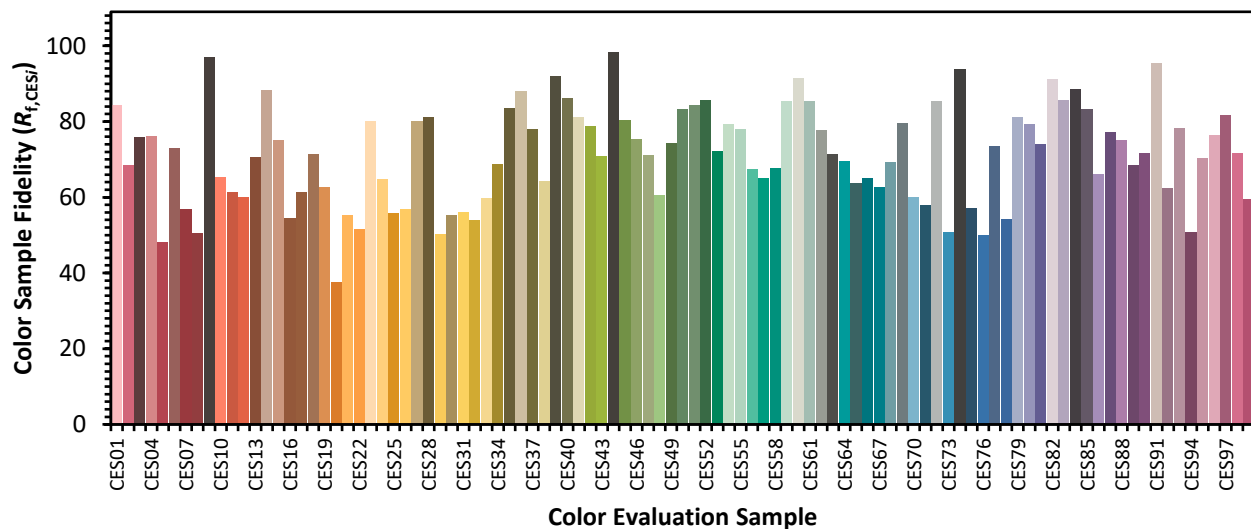


Color Vector Graphics

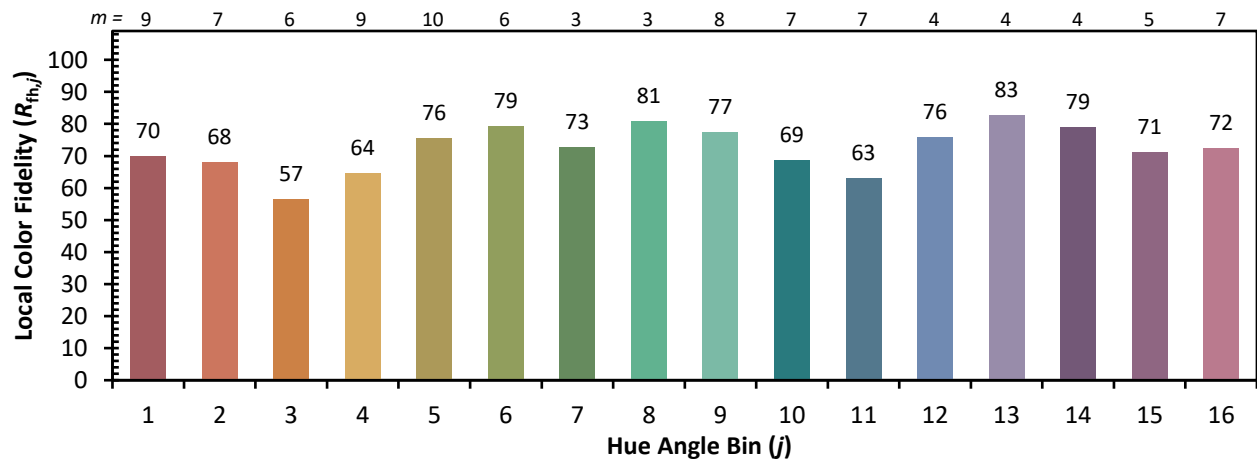
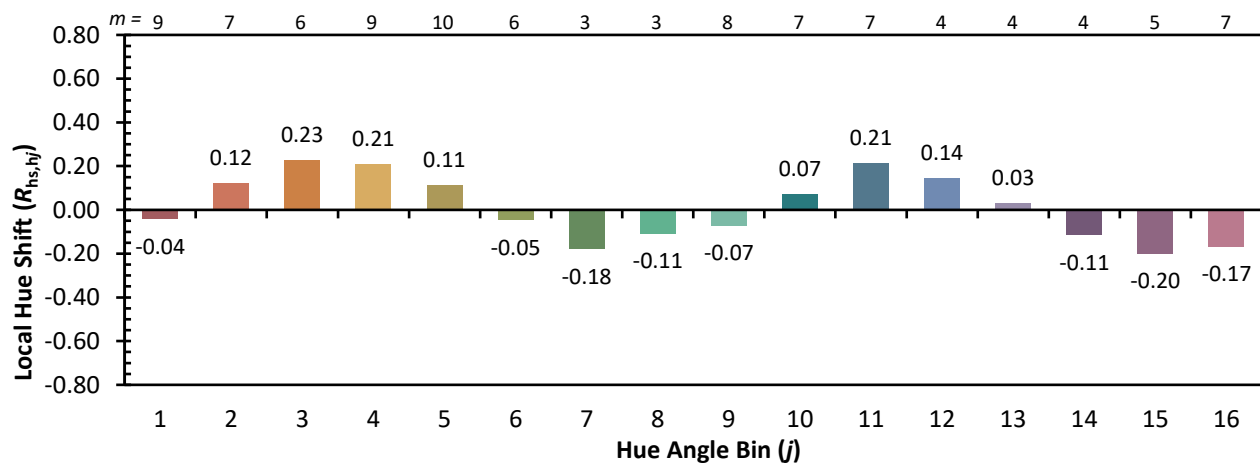
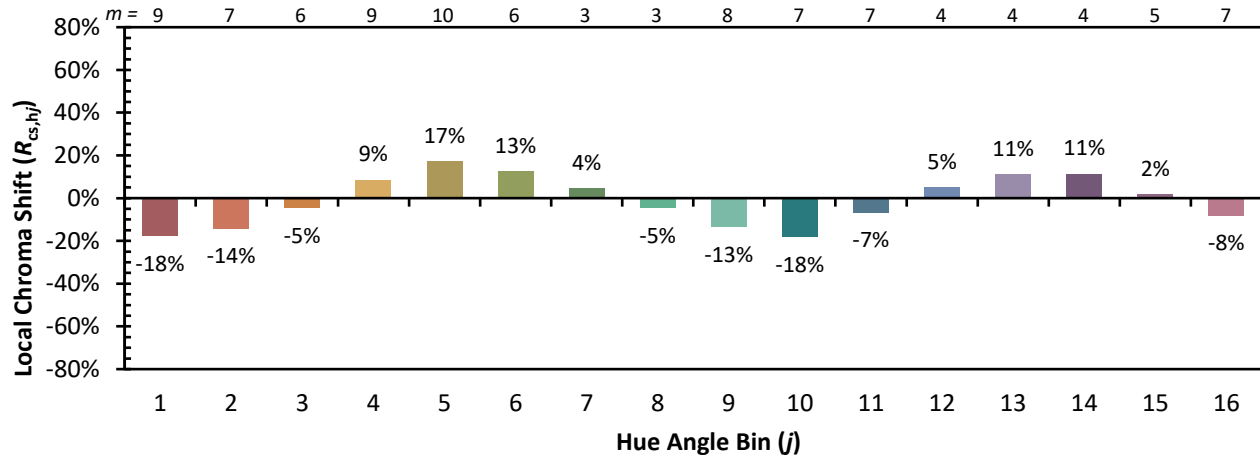


Individual Sample Fidelity Index ($R_{f,i}$)

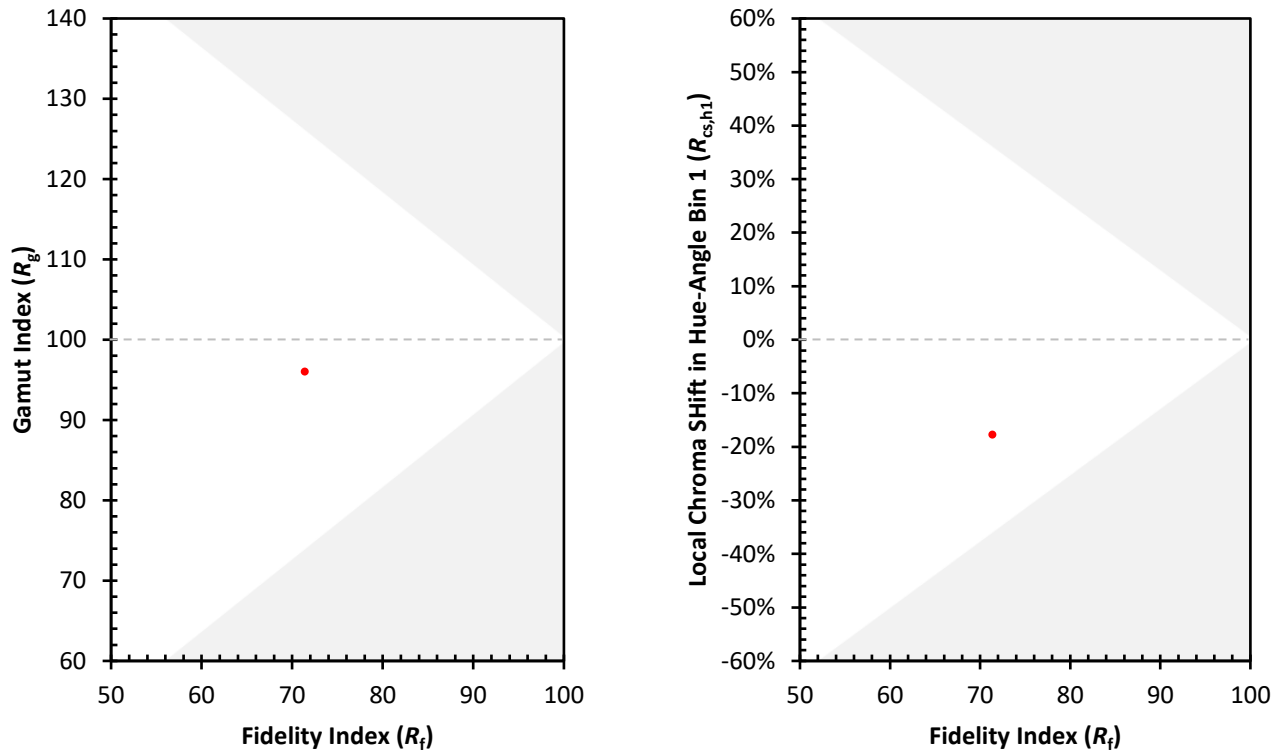
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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