

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: P1048406

Luminaire Tested: **GALN-SA7B-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048406
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31143.9 lumens
Efficiency: N/A
Efficacy: 124.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 249.5
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

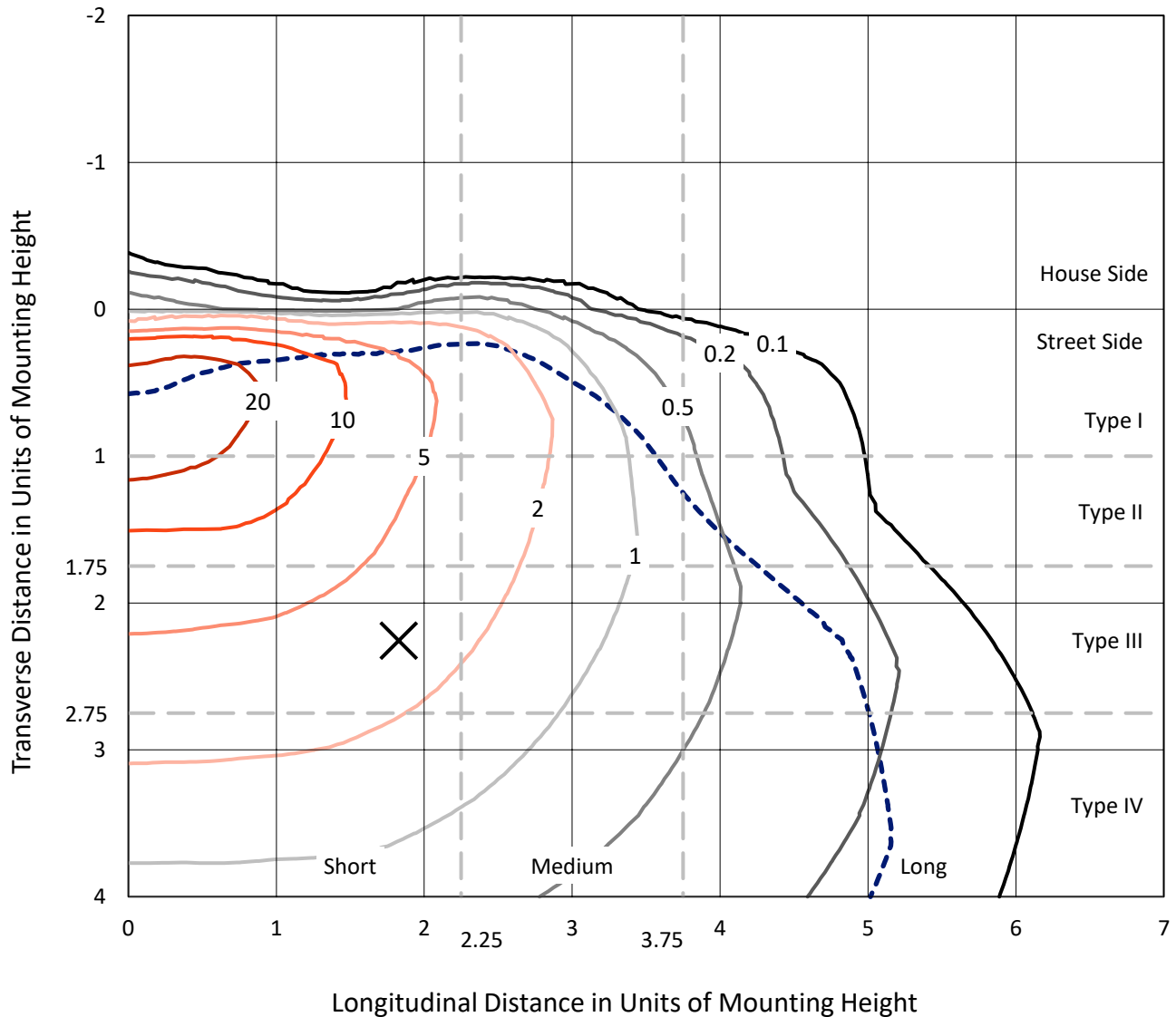


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

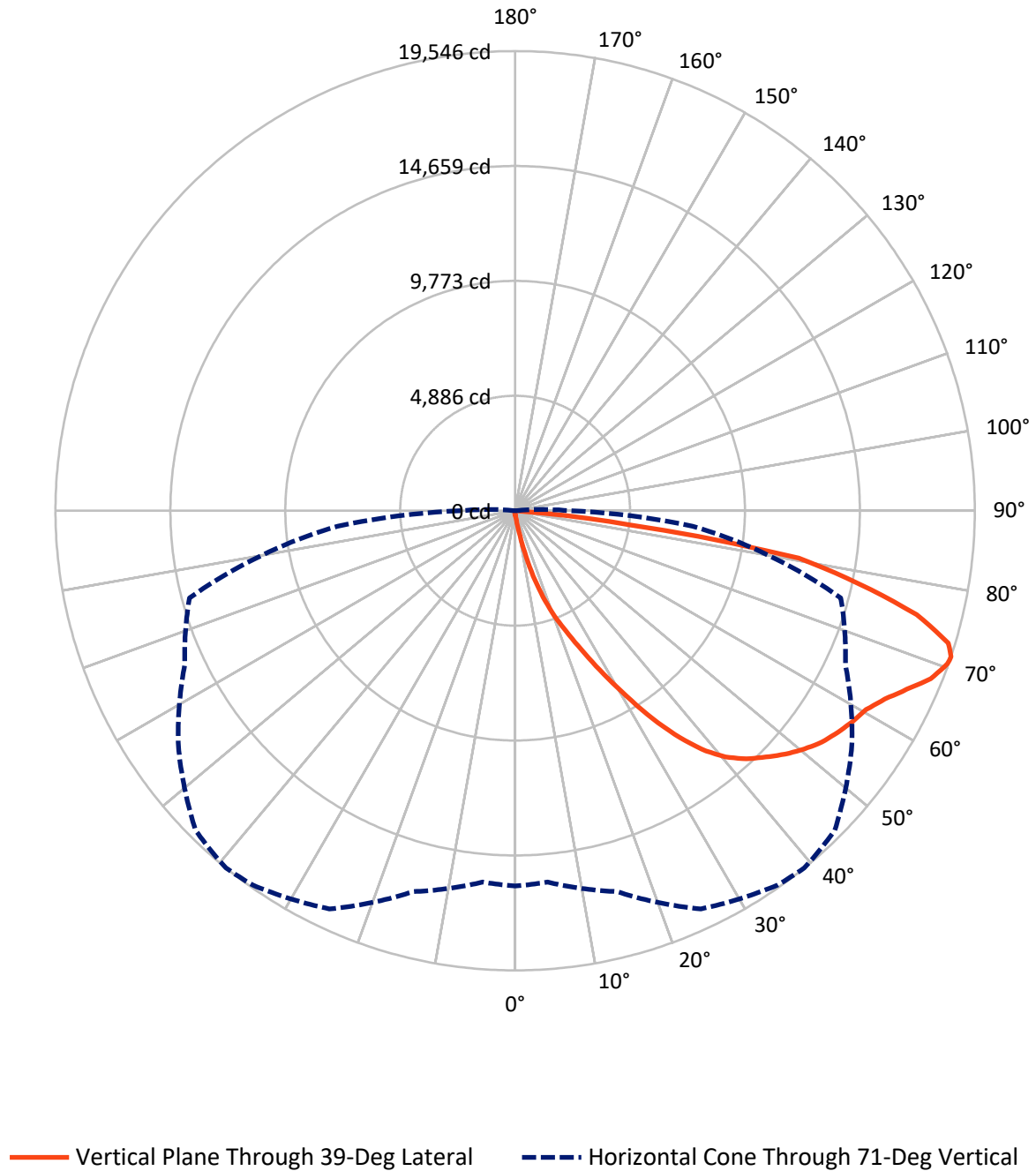


Based on 15 foot mounting height. Maximum calculated value = 32 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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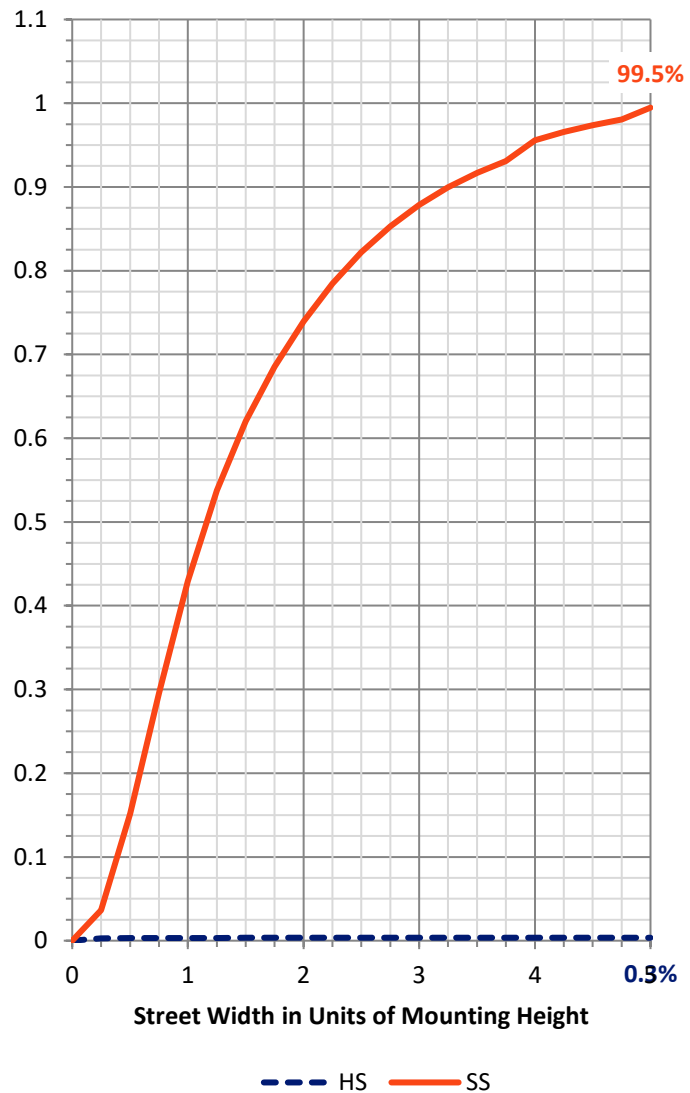
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	110.7	0.0	110.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31033.3	0.0	31033.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	31143.9	0.0	31143.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	0.1
10°-20°	332.9	1.1
20°-30°	1185.4	3.8
30°-40°	2857.0	9.2
40°-50°	4781.4	15.4
50°-60°	6141.1	19.7
60°-70°	7771.6	25.0
70°-80°	6928.7	22.2
80°-90°	1120.0	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°	31143.9	100.0
0°-180°	31143.9	100.0



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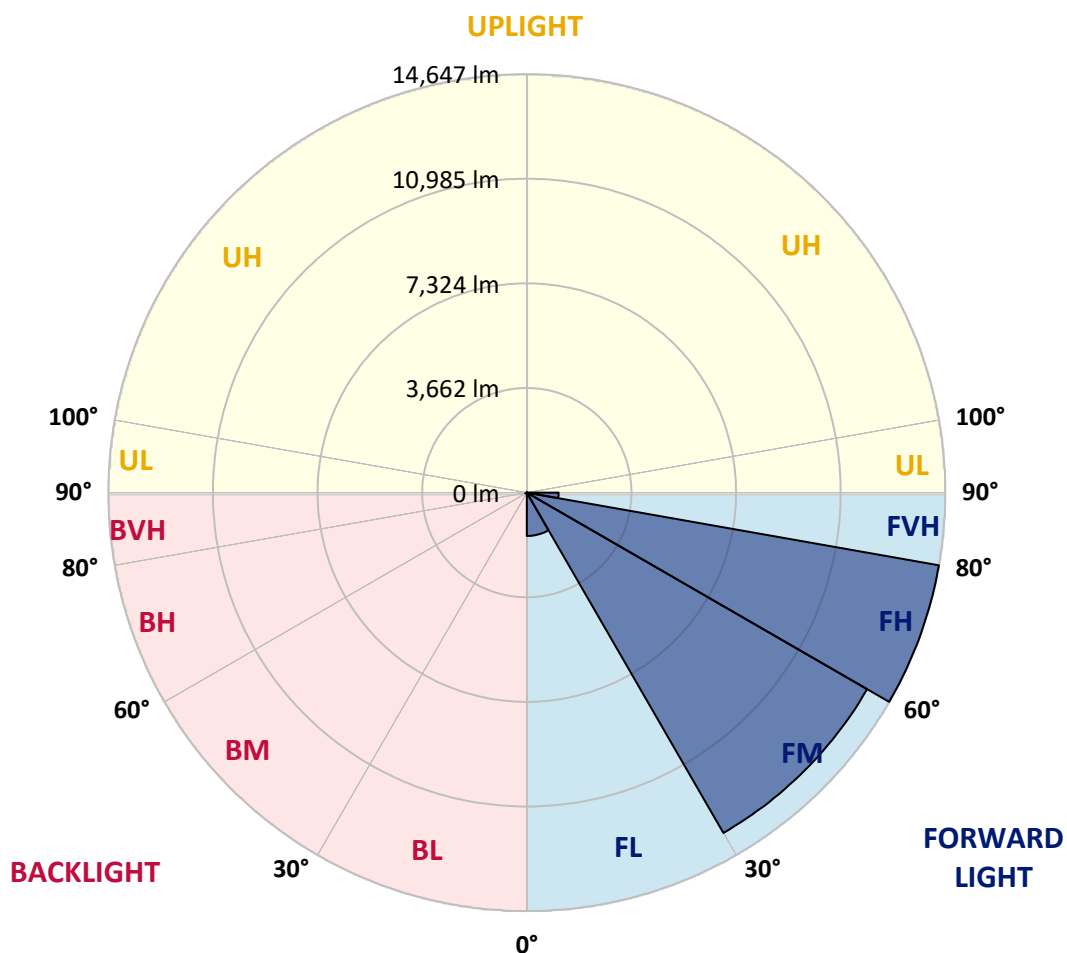
CATALOG NUMBER: GALN-SA7B-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1517.5	4.9			
FM	(30°-60°)	13753.8	44.2			
FH	(60°-80°)	14647.0	47.0			G5
FVH	(80°-90°)	1114.9	3.6			G5
BL	(0°-30°)	26.8	0.1	B0/110		
BM	(30°-60°)	25.6	0.1	B0/220		
BH	(60°-80°)	53.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8
2.5°	196.1	196.1	196.1	189.7	189.7	187.6	185.5	185.5	181.3	179.2	175.0
5°	297.3	290.9	276.2	267.8	250.9	240.3	229.8	215.0	200.3	189.7	177.1
7.5°	672.5	687.3	638.8	548.2	455.4	415.3	347.9	280.4	231.9	200.3	179.2
10°	1714.0	1705.6	1541.2	1359.8	1049.9	925.5	725.2	457.5	299.4	219.3	181.3
12.5°	2915.8	2907.3	2713.4	2466.7	2057.7	1798.4	1418.9	853.9	430.1	248.8	181.3
15°	3925.6	3891.9	3830.7	3586.2	3107.6	2890.5	2388.7	1509.5	695.7	299.4	185.5
17.5°	4593.9	4564.4	4507.5	4419.0	4115.4	3858.2	3455.5	2371.8	1125.8	387.9	194.0
20°	5207.5	5186.4	5140.0	5123.1	4927.1	4790.0	4456.9	3362.7	1754.1	527.1	206.6
22.5°	6050.8	6006.5	6025.5	5924.3	5732.4	5568.0	5363.5	4400.0	2521.5	759.0	229.8
25°	7083.8	7062.7	7010.0	6938.3	6672.7	6529.3	6215.2	5378.2	3379.6	1062.6	255.1
27.5°	8331.9	8308.7	8296.1	8131.6	7825.9	7669.9	7231.4	6301.6	4345.2	1488.4	288.8
30°	9769.8	9780.3	9698.1	9487.3	9131.0	8911.7	8460.5	7269.3	5333.9	1988.1	324.7
32.5°	11258.2	11237.1	11110.6	10861.9	10543.5	10339.0	9765.6	8329.8	6371.2	2648.0	366.8
35°	12862.6	12822.6	12489.5	12204.8	11932.9	11675.7	11152.8	9561.0	7408.5	3388.0	423.8
37.5°	14481.8	14294.1	13625.8	13265.3	13077.7	12866.8	12379.8	10874.5	8439.4	4214.5	493.3
40°	15704.6	15559.1	14766.4	14102.3	13952.6	13773.4	13410.8	12008.8	9535.8	5102.0	577.7
42.5°	16381.3	16301.2	15588.6	14932.9	14580.9	14422.7	14112.8	12999.7	10619.4	6082.4	699.9
45°	16670.2	16545.8	16069.3	15763.6	15202.8	14941.4	14572.4	13748.1	11751.6	7195.6	870.7
47.5°	16581.6	16509.9	16168.4	16280.1	15873.2	15466.3	14924.5	14321.5	12719.3	8473.2	1104.7
50°	16025.0	15963.9	15858.5	16463.6	16413.0	15932.3	15379.9	14774.8	13509.9	9790.9	1467.4
52.5°	14966.7	14941.4	15211.2	16320.2	16718.7	16343.4	15818.4	15175.4	14247.8	11167.6	1986.0
55°	13602.6	13705.9	14477.6	16096.7	16874.7	16647.0	16206.3	15550.7	14840.2	12398.8	2751.3
57.5°	13041.8	13069.2	14032.7	15938.6	16944.2	16914.7	16583.7	15909.1	15384.1	13383.4	3919.3
60°	13697.5	13655.3	14163.4	16058.8	17083.4	17155.1	16918.9	16242.2	15856.4	14228.8	5475.2
62.5°	14882.3	14859.2	15021.5	16571.1	17490.3	17635.8	17384.9	16482.5	16273.8	14785.4	7250.4
65°	15940.7	15892.2	16193.7	17479.7	18205.0	18308.3	18089.0	16893.6	16457.2	15190.2	8918.0
67.5°	16398.2	16387.7	16872.6	18344.1	18955.5	19067.3	18875.4	17460.8	16415.1	15318.8	9653.8
70°	16189.5	16149.4	16925.3	18711.0	19379.3	19505.8	19320.3	17671.6	15957.6	14911.9	8563.8
71°	15959.7	15852.2	16767.2	18685.7	19438.3	19545.9	19221.2	17479.7	15498.0	14334.2	7575.0
72.5°	15247.1	15266.1	16332.8	18422.2	19297.1	19265.5	18660.4	16792.4	14943.5	13022.8	6084.5
75°	13493.0	13604.7	14926.6	17315.3	18036.3	17633.7	16708.1	15479.0	13830.3	9337.6	4225.0
77.5°	11026.3	11192.9	12645.5	15185.9	14981.4	14941.4	14903.4	13638.5	11810.6	5015.6	2938.9
80°	5264.4	5624.9	7627.8	10840.8	11776.9	12230.1	11945.5	10990.5	9133.1	2388.7	1756.2
82.5°	343.6	339.4	480.7	910.8	3839.2	4962.9	7885.0	7855.5	6367.0	1163.8	716.8
85°	162.3	166.6	183.4	208.7	242.5	265.6	366.8	2150.4	3046.5	554.5	156.0
87.5°	94.9	97.0	113.8	145.5	189.7	210.8	250.9	322.6	396.4	305.7	33.7
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: P1048406

CATALOG NUMBER: GALN-SA7B-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8
2.5°	172.9	170.8	164.4	158.1	151.8	147.6	145.5	147.6	147.6	149.7	149.7
5°	172.9	166.6	156.0	143.4	134.9	126.5	122.3	120.2	122.3	122.3	122.3
7.5°	170.8	160.2	145.5	130.7	120.2	109.6	105.4	103.3	103.3	105.4	105.4
10°	166.6	156.0	137.0	120.2	107.5	94.9	88.5	82.2	82.2	82.2	84.3
12.5°	164.4	149.7	126.5	109.6	92.8	78.0	65.4	59.0	61.1	61.1	61.1
15°	160.2	143.4	120.2	99.1	78.0	59.0	48.5	42.2	44.3	46.4	44.3
17.5°	160.2	141.3	111.7	86.4	61.1	44.3	35.8	31.6	31.6	33.7	33.7
20°	160.2	137.0	105.4	73.8	46.4	33.7	25.3	23.2	23.2	27.4	29.5
22.5°	164.4	137.0	97.0	61.1	37.9	25.3	19.0	16.9	19.0	23.2	25.3
25°	170.8	134.9	88.5	54.8	31.6	19.0	14.8	10.5	12.6	16.9	19.0
27.5°	177.1	132.8	80.1	48.5	25.3	14.8	10.5	8.4	6.3	8.4	8.4
30°	183.4	132.8	71.7	40.1	21.1	10.5	6.3	4.2	2.1	0.0	0.0
32.5°	187.6	128.6	65.4	31.6	16.9	8.4	4.2	2.1	0.0	0.0	0.0
35°	191.9	124.4	56.9	25.3	12.6	6.3	2.1	0.0	0.0	0.0	0.0
37.5°	196.1	118.1	48.5	21.1	10.5	4.2	0.0	0.0	0.0	0.0	0.0
40°	200.3	109.6	40.1	19.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	204.5	103.3	33.7	14.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	215.0	99.1	27.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	234.0	94.9	25.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	261.4	90.7	23.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	299.4	88.5	21.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	366.8	86.4	19.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	482.8	84.3	19.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	740.0	80.1	19.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1321.9	78.0	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2304.3	80.1	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3303.7	84.3	14.8	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	2827.2	73.8	14.8	8.4	4.2	2.1	0.0	0.0	0.0	0.0	0.0
71°	2304.3	65.4	14.8	8.4	4.2	2.1	2.1	0.0	0.0	0.0	0.0
72.5°	1482.1	50.6	12.6	8.4	4.2	4.2	2.1	0.0	0.0	0.0	0.0
75°	626.2	42.2	12.6	8.4	6.3	4.2	4.2	2.1	0.0	0.0	0.0
77.5°	267.8	31.6	12.6	10.5	8.4	6.3	6.3	4.2	2.1	0.0	0.0
80°	101.2	25.3	14.8	12.6	10.5	10.5	8.4	4.2	2.1	0.0	0.0
82.5°	46.4	21.1	14.8	12.6	12.6	10.5	8.4	6.3	4.2	0.0	0.0
85°	29.5	19.0	14.8	12.6	12.6	10.5	10.5	6.3	4.2	0.0	0.0
87.5°	23.2	19.0	14.8	14.8	12.6	12.6	8.4	6.3	2.1	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

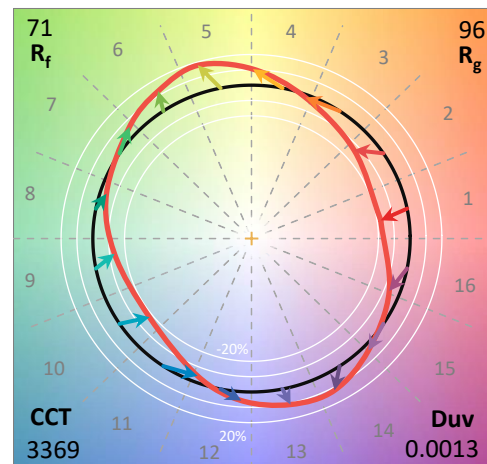
Test Information

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

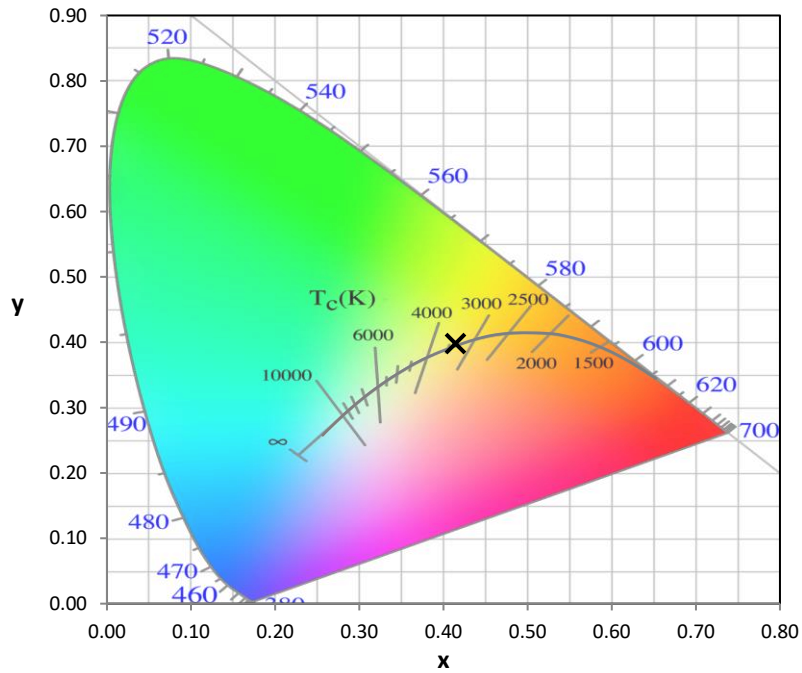
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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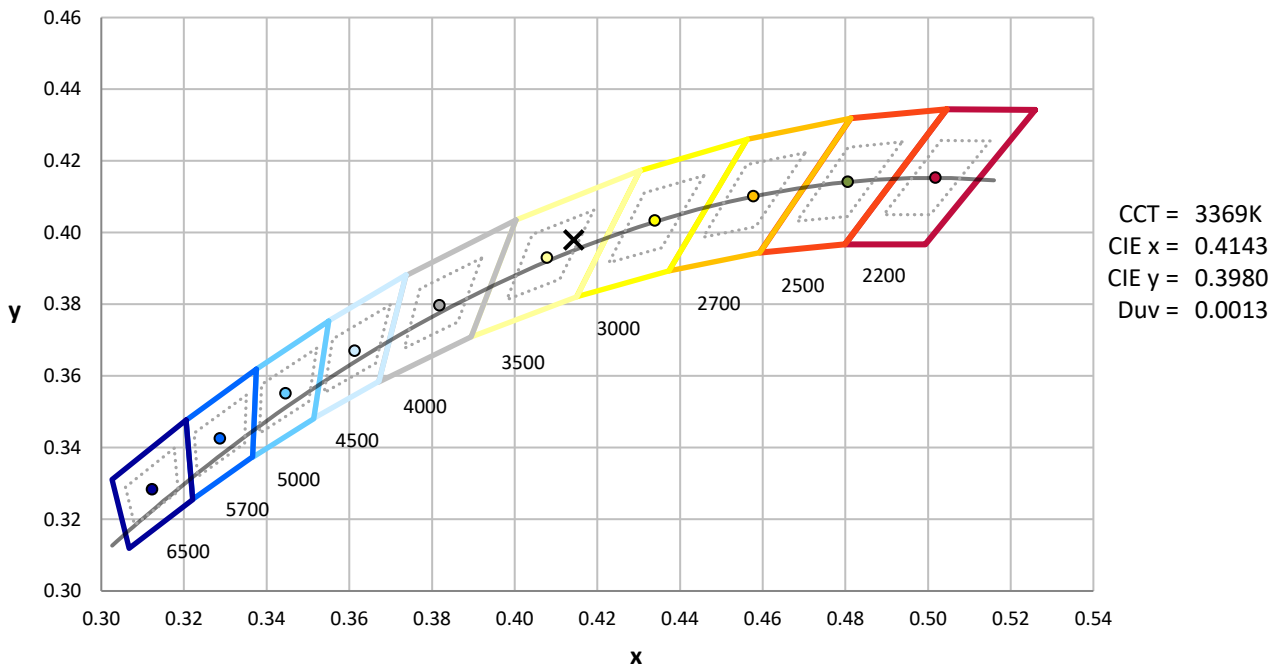
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



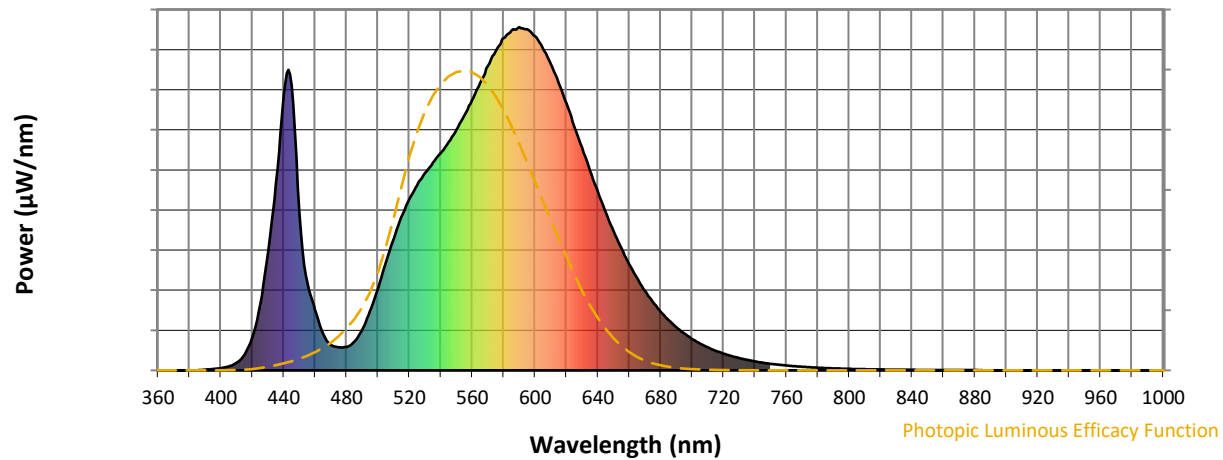
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

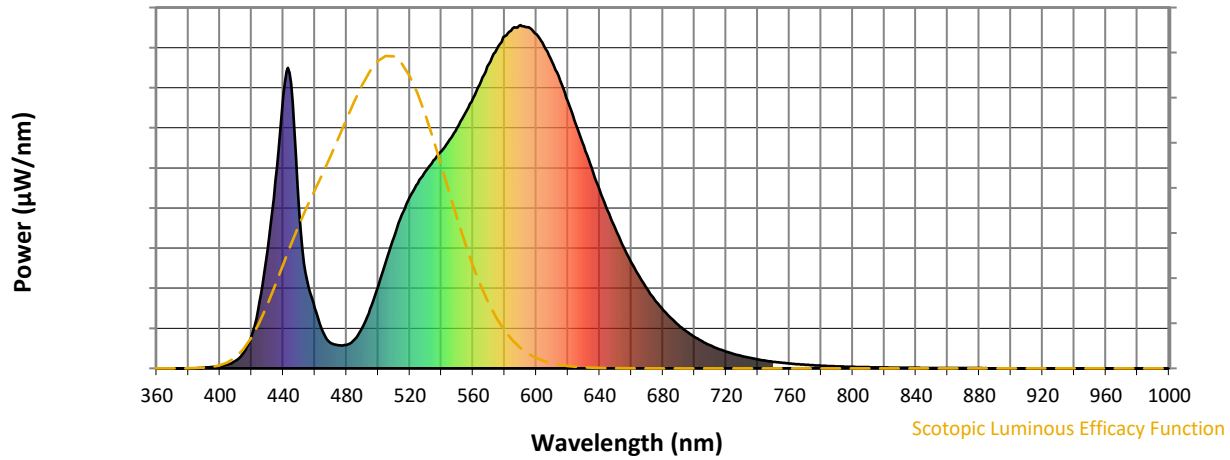


Photopic Lumens: NR

λ (nm)	Power 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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Scotopic Flux vs. Wavelength



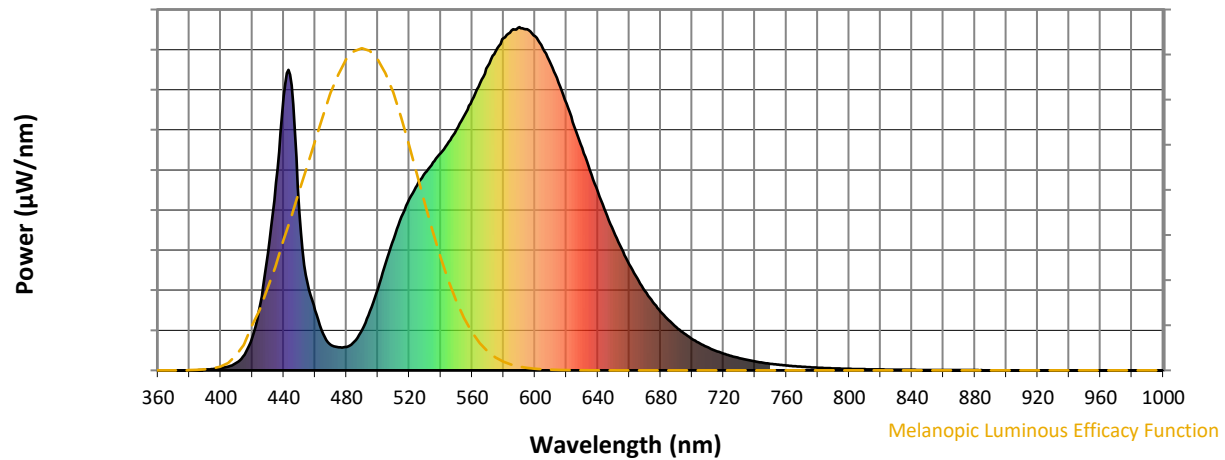
Scotopic Lumens: NR

S/P: 1.29

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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

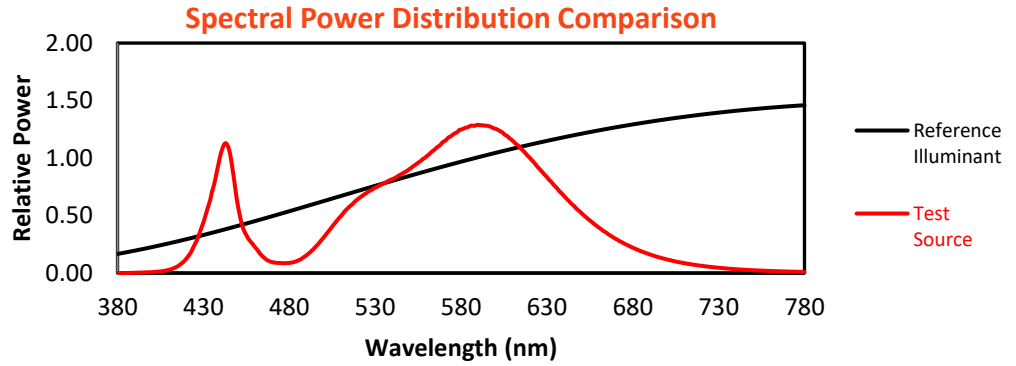
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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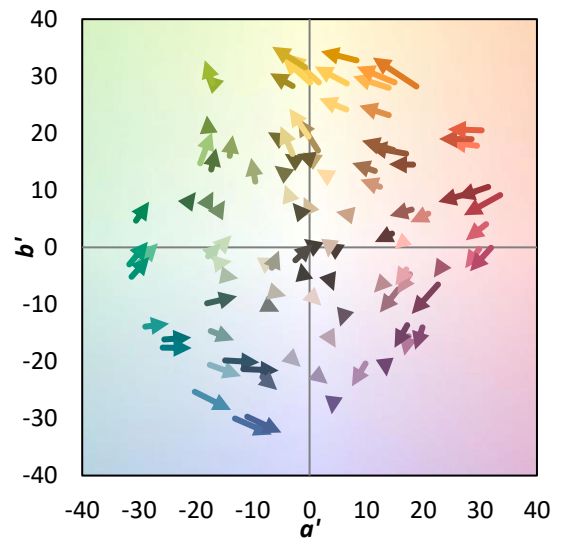
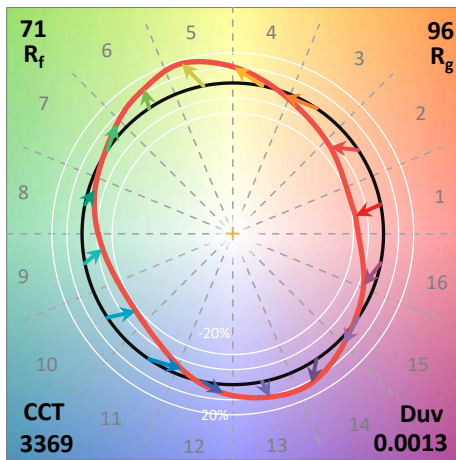
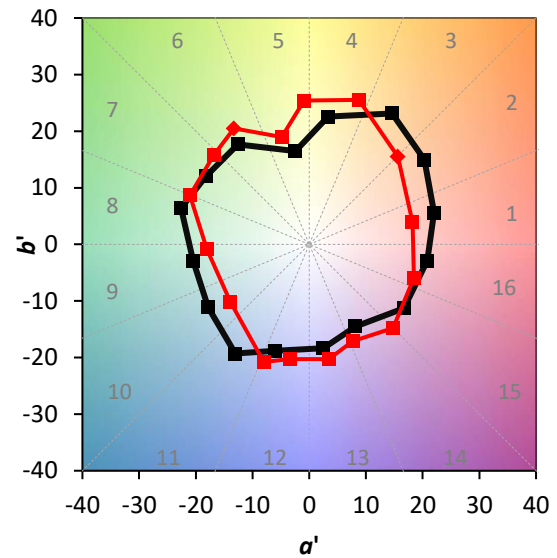
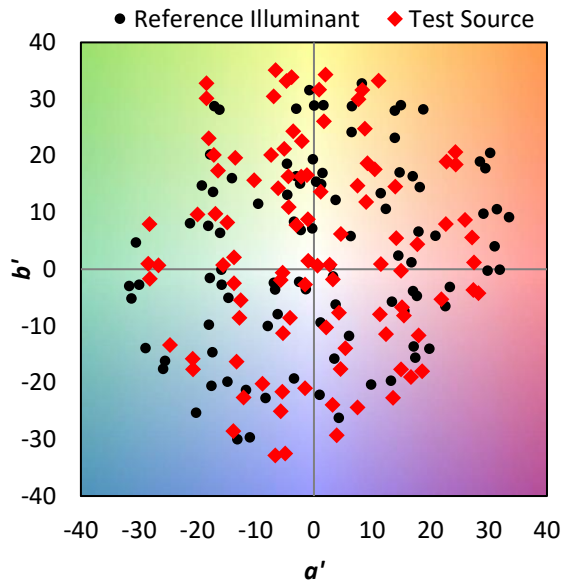
TM-30-18

Summary

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

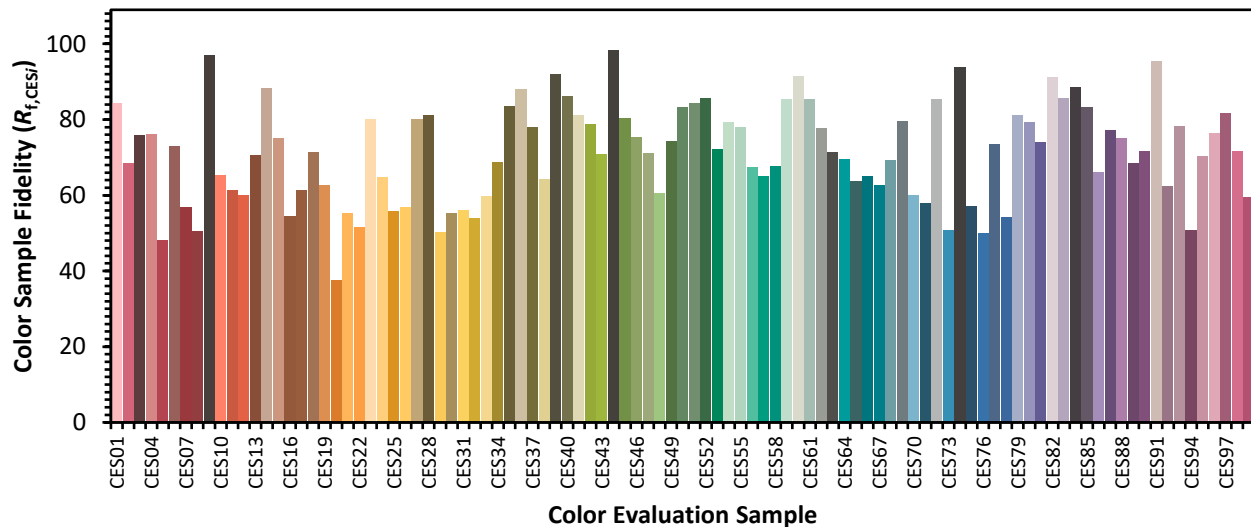


Color Vector Graphics

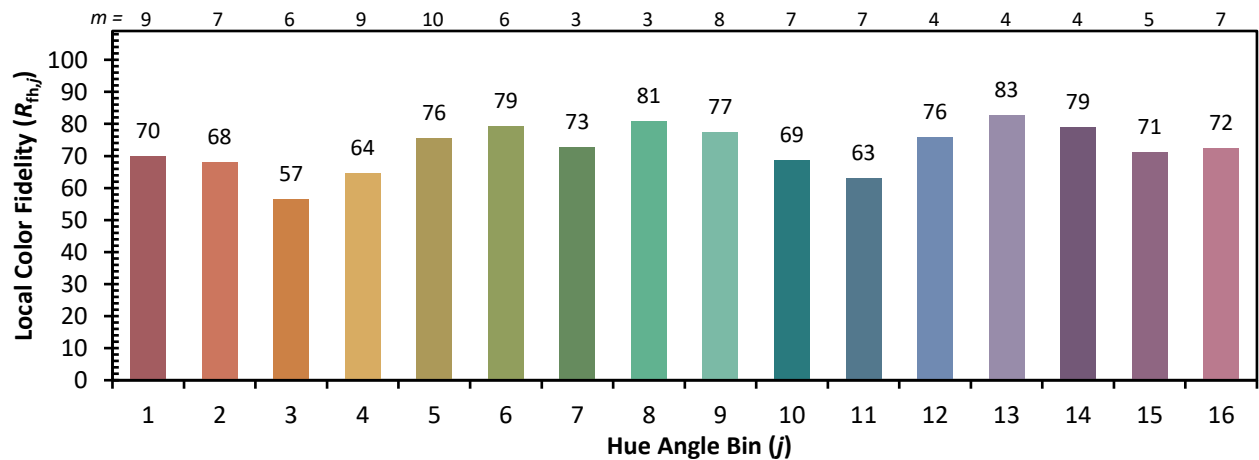
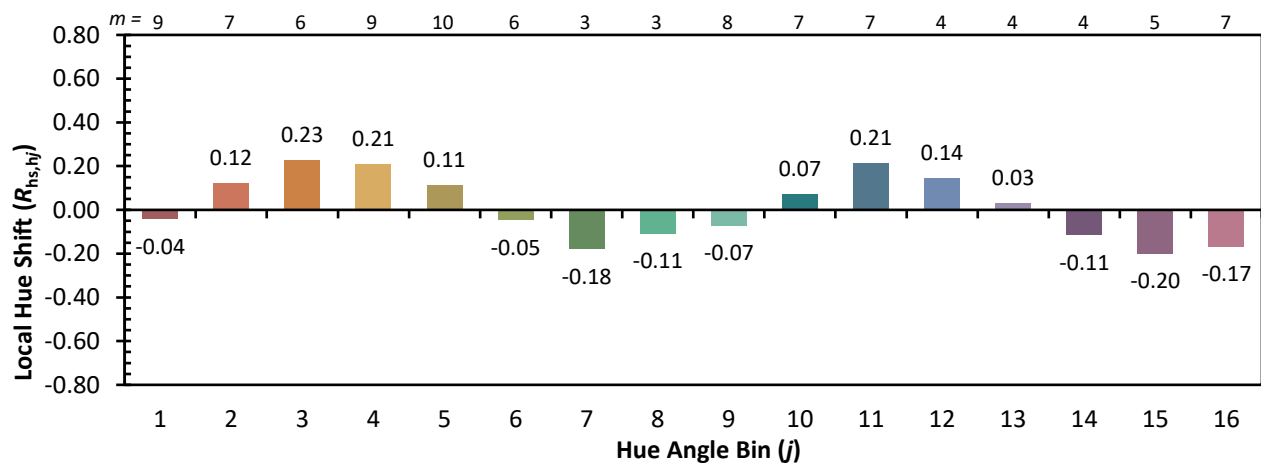
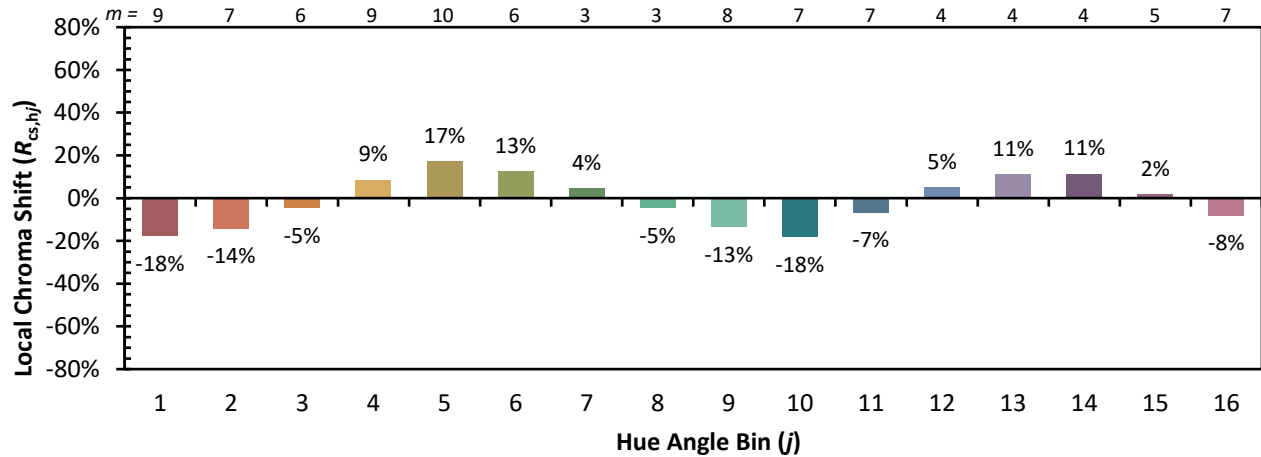


Individual Sample Fidelity Index ($R_{f,i}$)

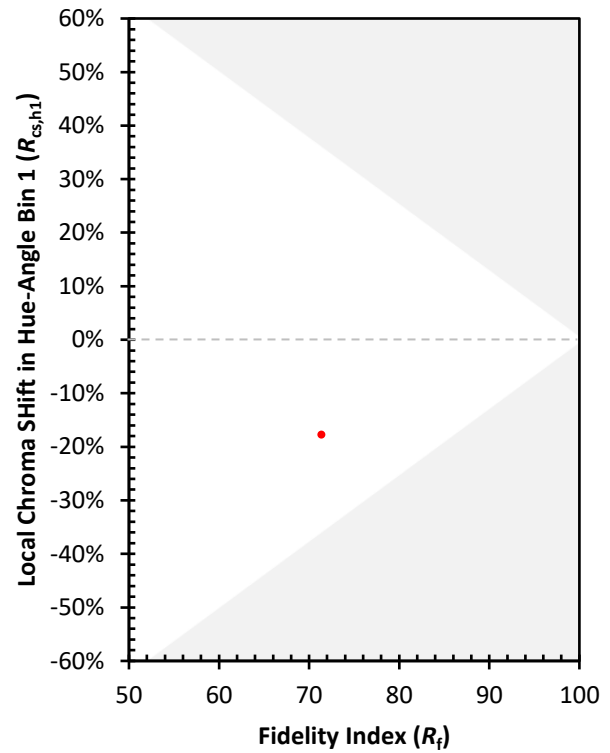
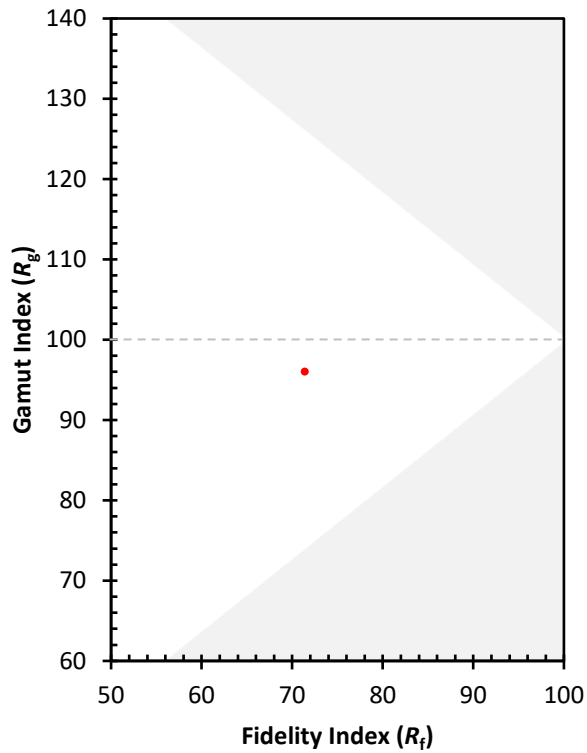
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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