

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: P1047190

Luminaire Tested: **GALN-SA9B-735-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047190
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-735-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40877.2 lumens
Efficiency: N/A
Efficacy: 130.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

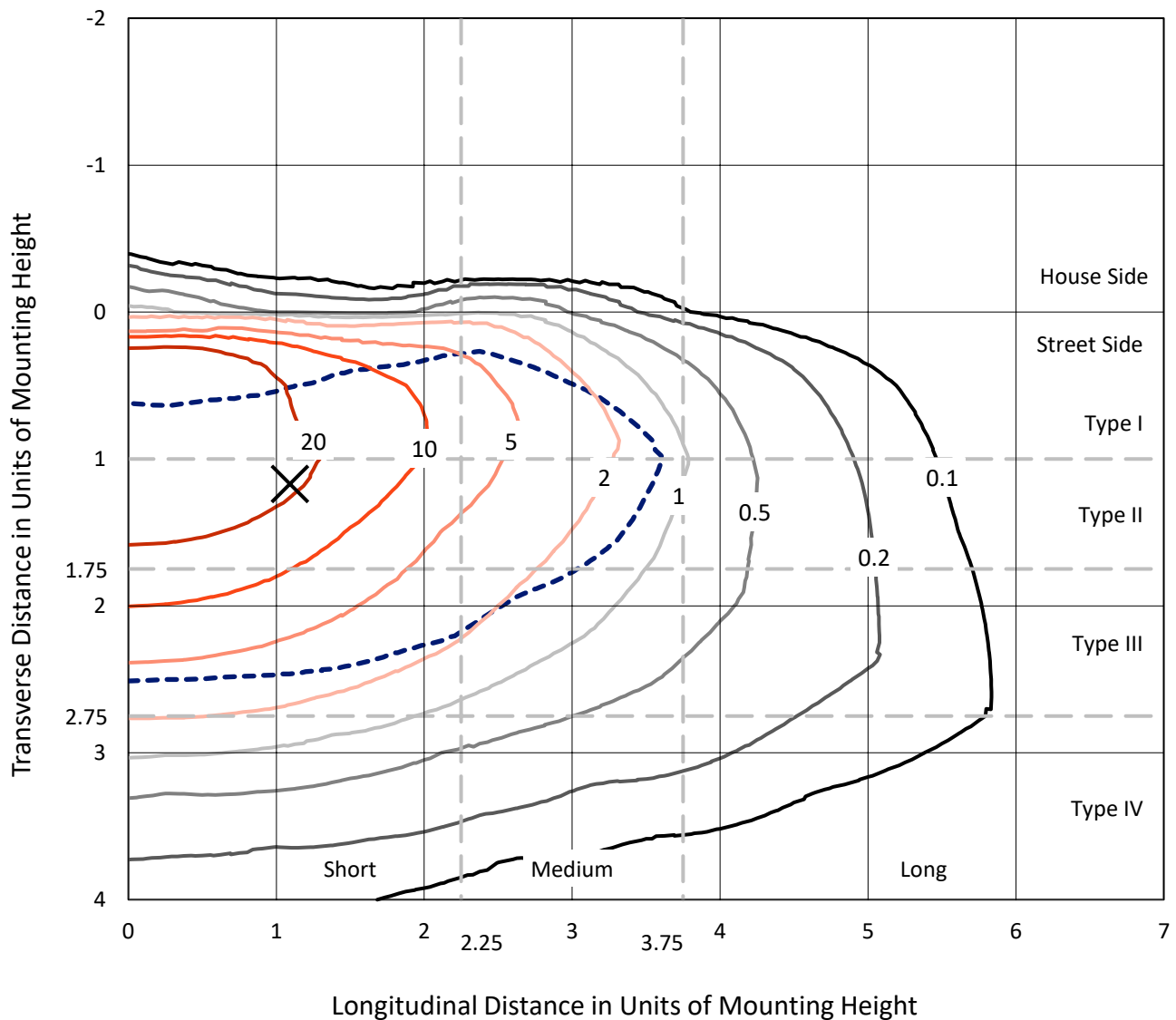


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

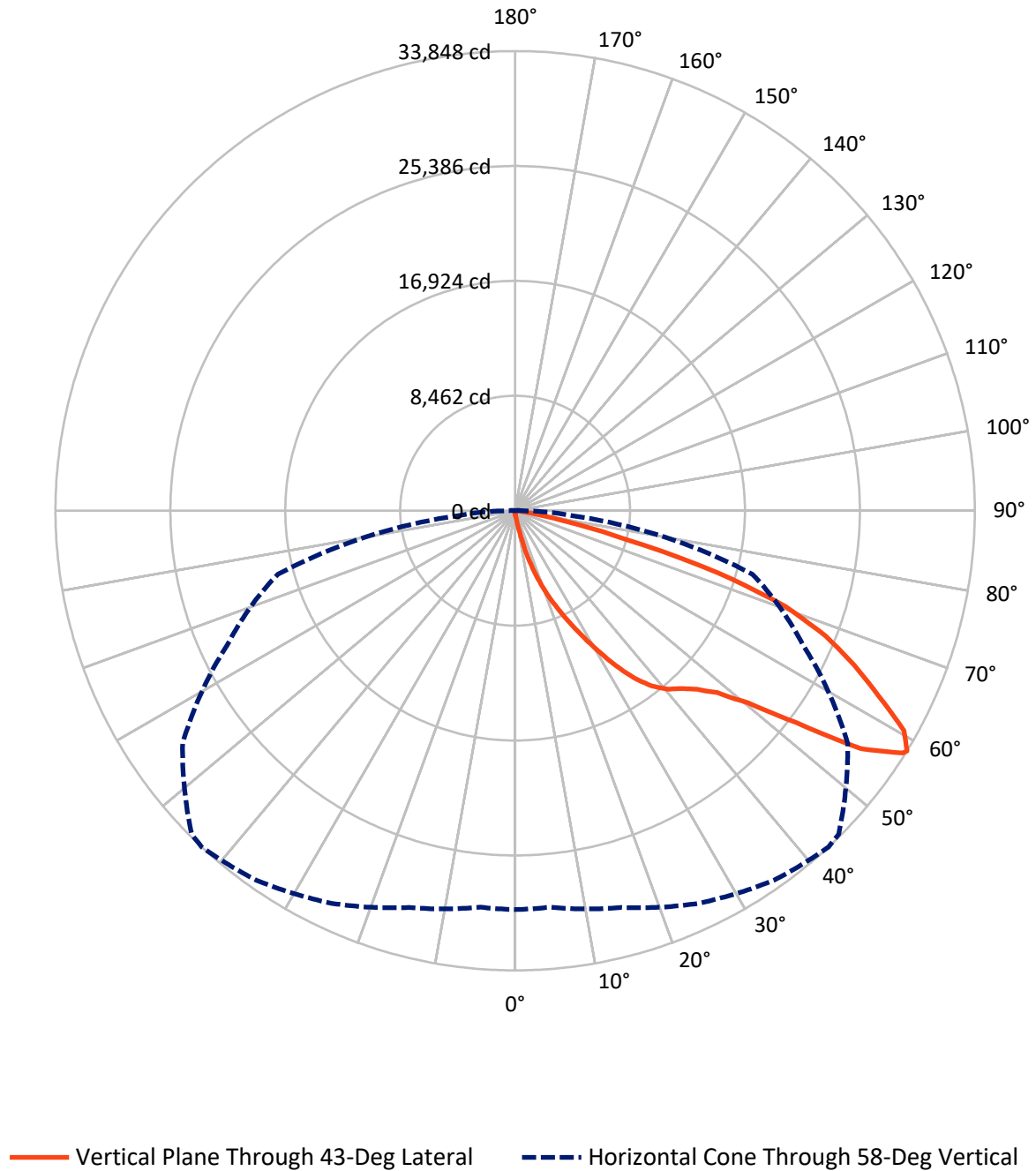


Based on 15 foot mounting height. Maximum calculated value = 45.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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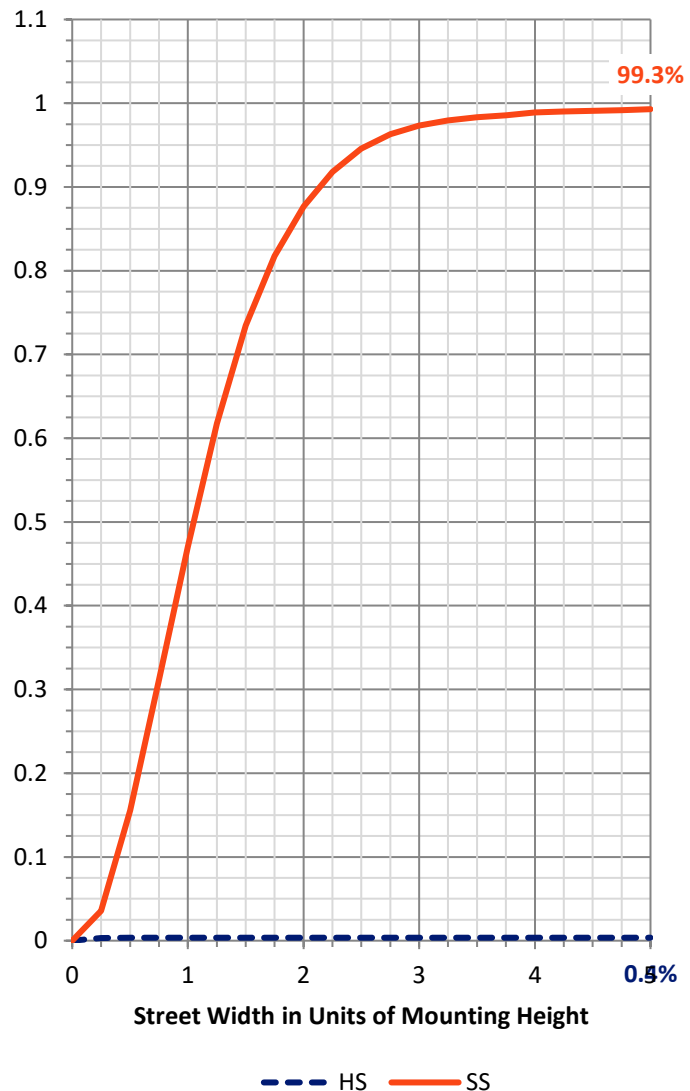
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	149.2	0.0	149.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	40728.0	0.0	40728.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	40877.2	0.0	40877.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.2	0.1
10°-20°	469.9	1.1
20°-30°	1693.6	4.1
30°-40°	3874.9	9.5
40°-50°	6535.5	16.0
50°-60°	10785.0	26.4
60°-70°	12053.8	29.5
70°-80°	4976.8	12.2
80°-90°	448.7	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°	40877.2	100.0
0°-180°	40877.2	100.0



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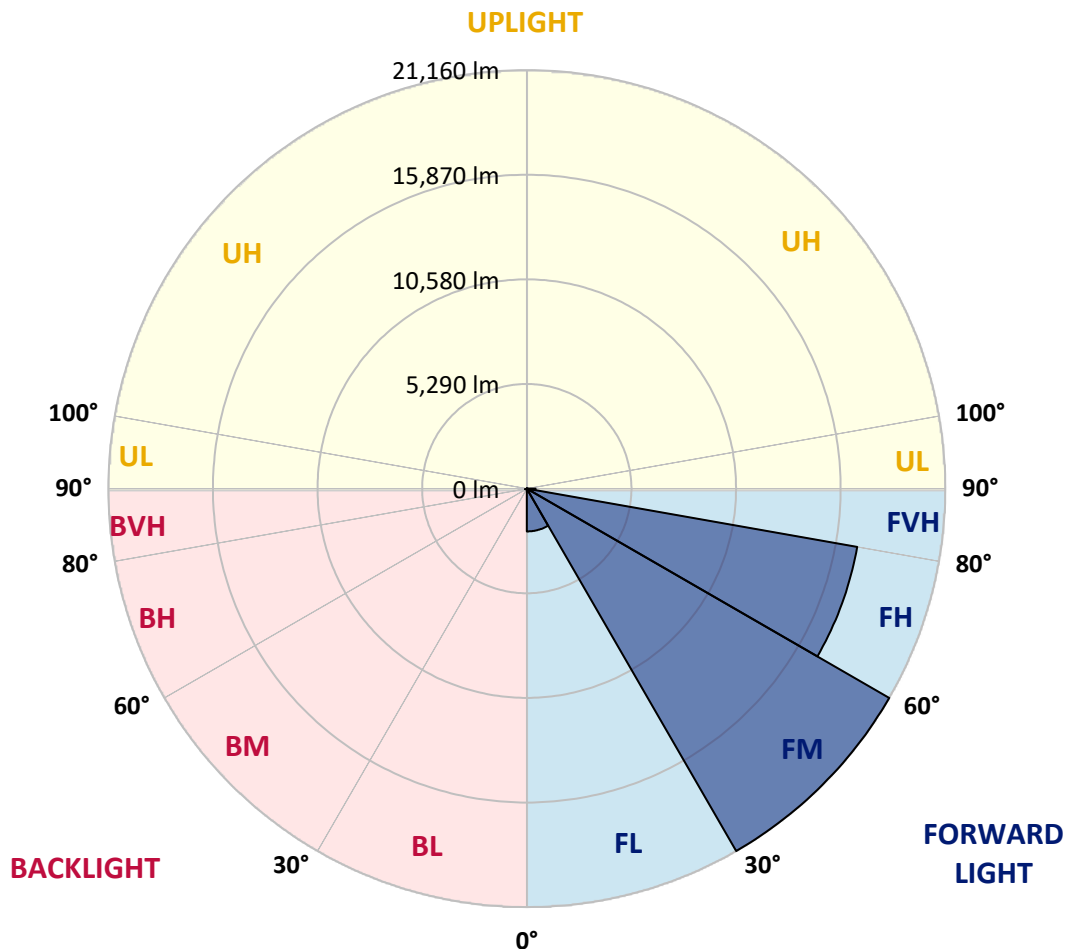
CATALOG NUMBER: GALN-SA9B-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2163.7	5.3			
FM	(30°-60°)	21159.6	51.8			
FH	(60°-80°)	16962.1	41.5			G5
FVH	(80°-90°)	442.5	1.1			G3/500
BL	(0°-30°)	38.9	0.1	B0/110		
BM	(30°-60°)	35.8	0.1	B0/220		
BH	(60°-80°)	68.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.2	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-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3
2.5°	320.7	331.4	320.7	320.7	320.7	310.0	310.0	299.4	299.4	288.7	278.0
5°	470.4	470.4	438.3	417.0	395.6	384.9	374.2	352.8	331.4	310.0	288.7
7.5°	1047.7	1047.7	951.5	823.2	652.2	555.9	534.6	438.3	374.2	331.4	288.7
10°	2501.7	2501.7	2287.9	1935.1	1496.8	1111.9	994.3	630.8	449.0	352.8	299.4
12.5°	4158.8	4212.3	3945.0	3496.0	2843.8	2170.3	1935.1	1154.6	598.7	384.9	299.4
15°	5644.9	5516.6	5441.8	5014.1	4394.0	3592.2	3292.9	1945.8	866.0	438.3	299.4
17.5°	6649.8	6649.8	6542.9	6254.3	5687.7	4982.0	4736.1	3143.2	1400.5	502.5	310.0
20°	7825.9	7825.9	7633.4	7430.3	6927.8	6329.1	6093.9	4468.9	2170.3	641.5	310.0
22.5°	9247.8	9269.2	9055.3	8691.8	8210.7	7547.9	7344.8	5698.3	3143.2	855.3	320.7
25°	10979.7	11001.1	10691.1	10349.0	9611.3	8895.0	8584.9	7109.6	4329.9	1197.4	320.7
27.5°	12893.4	13043.1	12583.4	11995.4	11214.9	10316.9	10081.7	8381.8	5505.9	1689.2	342.1
30°	15277.5	15277.5	14668.2	13844.9	13000.3	11888.5	11589.1	9718.2	6756.8	2341.3	363.5
32.5°	17330.2	17169.9	16389.4	15523.4	14625.4	13588.4	13267.6	11118.7	8039.7	3153.9	406.3
35°	18901.8	18762.8	17800.6	16870.5	16090.1	15138.6	14753.7	12636.9	9397.5	4073.3	470.4
37.5°	20248.9	20195.4	18891.1	17725.8	17212.6	16378.7	16036.6	14069.5	10733.8	5067.6	545.2
40°	21724.3	21553.2	20163.4	18720.1	17950.3	17276.8	16966.7	15224.1	12016.8	6232.9	652.2
42.5°	22985.8	22782.7	21531.8	20120.6	18805.6	17896.9	17597.5	16197.0	13267.6	7398.2	791.1
45°	24386.3	24279.4	23017.9	21948.8	20195.4	18741.5	18345.9	16977.4	14411.6	8788.1	972.9
47.5°	26492.5	26300.0	25124.0	24247.4	22216.1	20024.4	19457.8	17779.3	15512.8	10156.5	1250.9
50°	28940.7	28812.4	28117.5	27422.6	25402.0	22216.1	21542.5	18933.9	16742.2	11781.6	1614.4
52.5°	30940.0	30918.6	31004.1	31014.8	29486.0	25904.5	24899.5	20794.1	18153.4	13385.2	2127.5
55°	30897.2	30993.4	31934.2	33014.0	33131.6	30940.0	29967.1	23926.6	19992.3	15363.1	2843.8
57.5°	29742.6	29667.7	30662.0	32287.0	33431.0	33666.2	33505.8	28791.1	22761.3	17747.2	3945.0
58°	29368.4	29304.2	30245.1	31902.2	33217.2	33847.9	33687.6	29892.2	23381.4	18089.3	4244.4
60°	28010.6	28021.3	28577.2	30084.7	31399.7	32896.4	33046.1	33035.4	26471.1	20377.2	5751.8
62.5°	26214.5	26129.0	26642.2	27871.6	29026.3	30031.2	30287.8	33249.2	30993.4	23285.2	8627.7
65°	23734.2	23605.9	24151.1	25541.0	26781.1	27433.3	27444.0	30384.0	33121.0	26407.0	12733.1
67.5°	19126.3	19019.4	20109.9	21895.3	23809.0	24664.3	25049.2	26364.2	31324.9	28523.8	15085.1
70°	11717.4	11941.9	13460.1	16261.1	19532.6	21104.2	21681.5	22087.8	26674.2	28203.1	12615.5
72.5°	5409.7	5142.4	6436.0	8392.5	12123.7	15619.7	16218.4	17811.3	21146.9	24482.6	9408.1
75°	2523.1	2426.9	2726.2	3667.0	5495.2	8435.3	9525.7	14219.1	16218.4	17030.9	6788.8
77.5°	1293.6	1304.3	1550.2	1667.8	2266.5	3902.2	4479.6	9354.7	11888.5	9504.4	4554.4
80°	566.6	588.0	598.7	652.2	919.4	1507.4	1699.9	4340.6	8125.2	4843.1	2491.0
82.5°	363.5	374.2	374.2	374.2	438.3	598.7	684.2	1742.6	4051.9	2405.5	769.8
85°	192.4	192.4	213.8	267.3	310.0	363.5	384.9	555.9	1336.4	716.3	181.7
87.5°	106.9	117.6	128.3	160.4	203.1	245.9	267.3	384.9	513.2	491.8	42.8
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: P1047190

CATALOG NUMBER: GALN-SA9B-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3	267.3
2.5°	278.0	267.3	256.6	245.9	235.2	224.5	224.5	224.5	224.5	224.5	224.5
5°	267.3	256.6	245.9	224.5	203.1	192.4	181.7	171.1	171.1	171.1	171.1
7.5°	267.3	256.6	224.5	203.1	181.7	160.4	139.0	139.0	139.0	139.0	139.0
10°	267.3	245.9	213.8	181.7	149.7	128.3	117.6	106.9	106.9	106.9	106.9
12.5°	267.3	235.2	203.1	160.4	128.3	106.9	96.2	85.5	85.5	85.5	85.5
15°	267.3	235.2	192.4	149.7	117.6	85.5	74.8	64.1	64.1	64.1	64.1
17.5°	256.6	224.5	181.7	128.3	96.2	64.1	53.5	42.8	42.8	53.5	53.5
20°	245.9	213.8	160.4	106.9	74.8	53.5	32.1	32.1	32.1	32.1	32.1
22.5°	245.9	213.8	149.7	96.2	64.1	32.1	21.4	21.4	21.4	21.4	32.1
25°	245.9	203.1	128.3	74.8	42.8	21.4	10.7	10.7	10.7	10.7	10.7
27.5°	245.9	203.1	117.6	64.1	32.1	21.4	10.7	0.0	0.0	0.0	0.0
30°	235.2	192.4	106.9	53.5	21.4	10.7	0.0	0.0	0.0	0.0	0.0
32.5°	235.2	181.7	85.5	42.8	21.4	10.7	0.0	0.0	0.0	0.0	0.0
35°	245.9	171.1	74.8	32.1	10.7	0.0	0.0	0.0	0.0	0.0	10.7
37.5°	256.6	160.4	64.1	21.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	267.3	149.7	64.1	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	288.7	149.7	53.5	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	310.0	149.7	42.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	352.8	160.4	42.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	384.9	171.1	32.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	427.6	160.4	32.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	481.1	160.4	32.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	523.9	149.7	32.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	545.2	139.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	652.2	128.3	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1015.7	106.9	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2063.4	96.2	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3848.8	85.5	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4308.5	96.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2715.5	74.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1432.6	74.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	716.3	74.8	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	331.4	53.5	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	139.0	32.1	21.4	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	64.1	32.1	21.4	21.4	10.7	10.7	0.0	0.0	0.0	0.0	0.0
87.5°	32.1	32.1	32.1	21.4	21.4	10.7	10.7	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

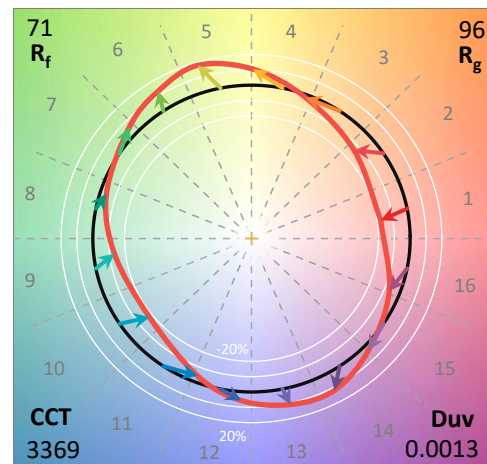
Test Information

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

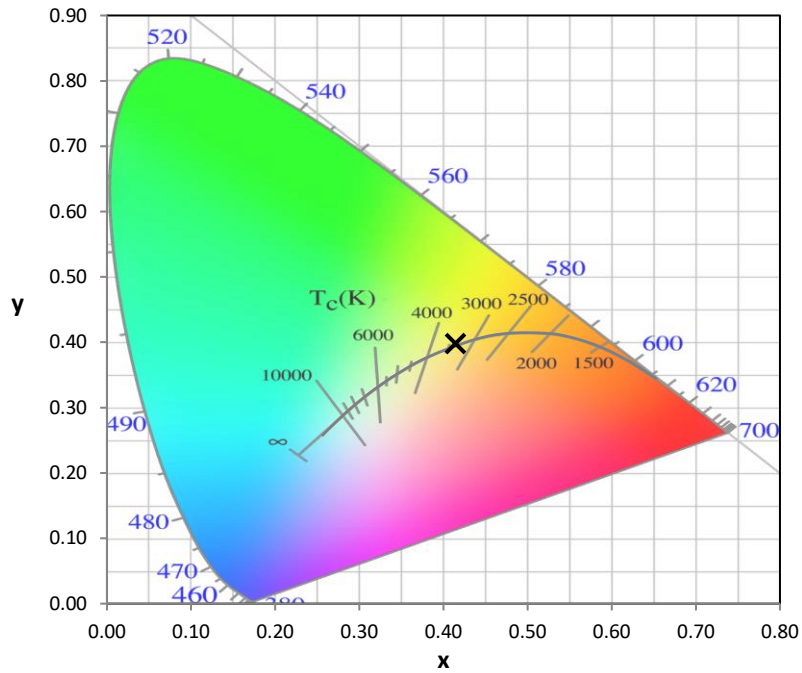
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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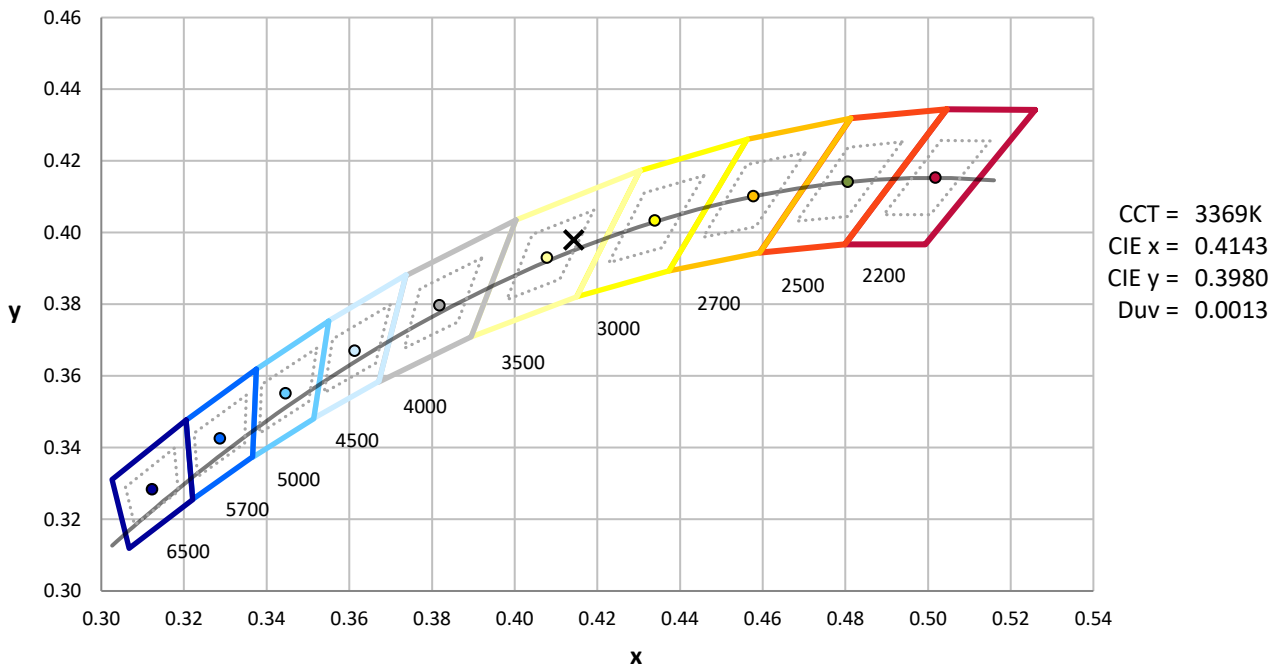
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



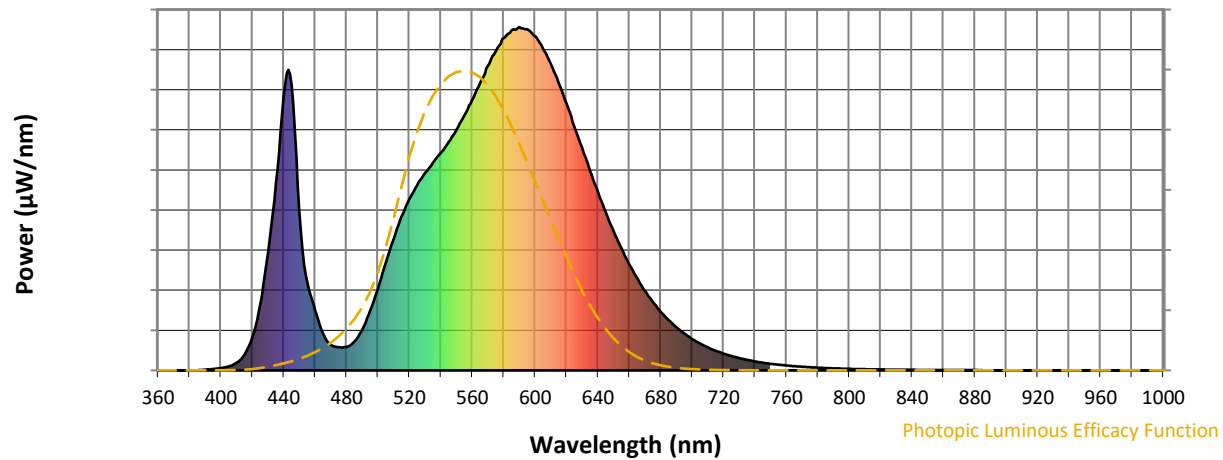
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

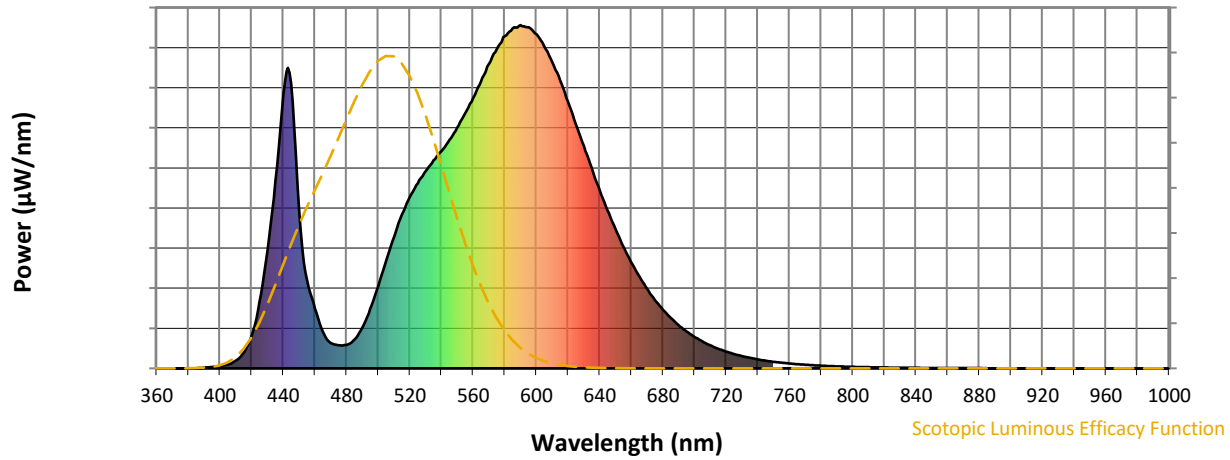


Photopic Lumens: NR

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



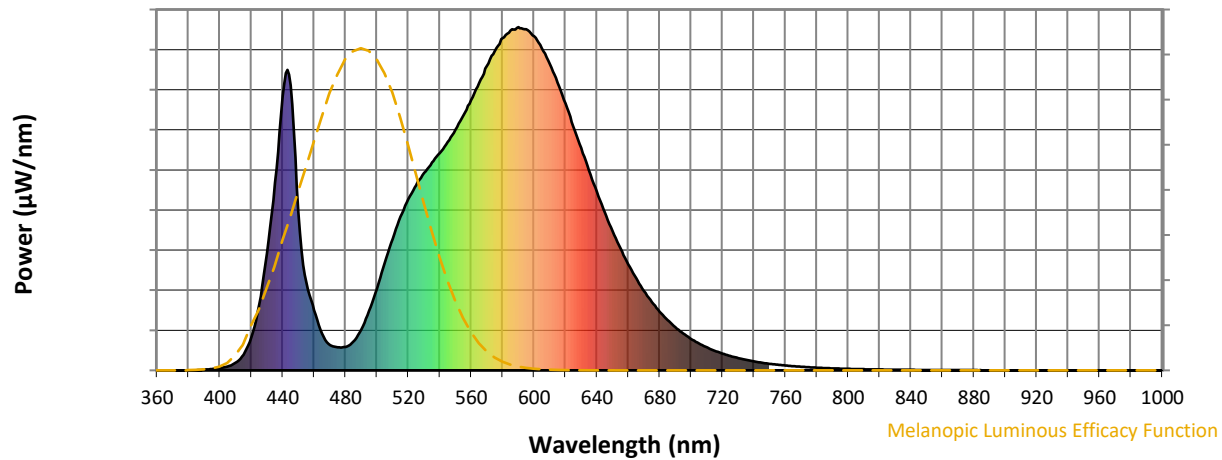
Scotopic Lumens: NR

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

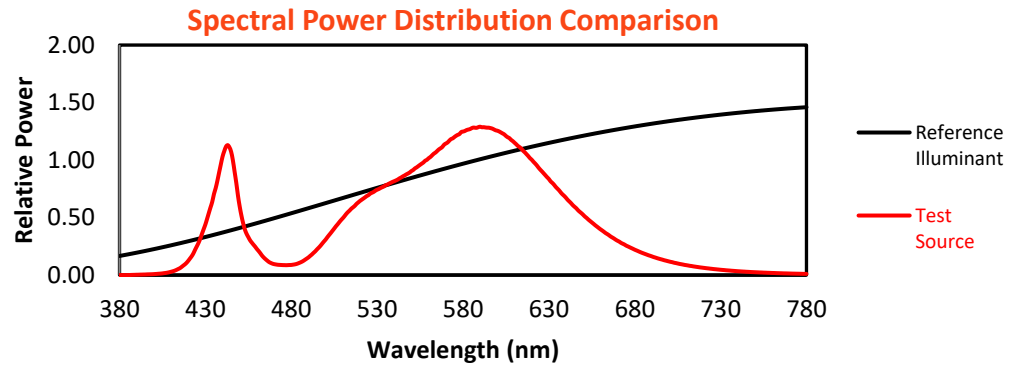
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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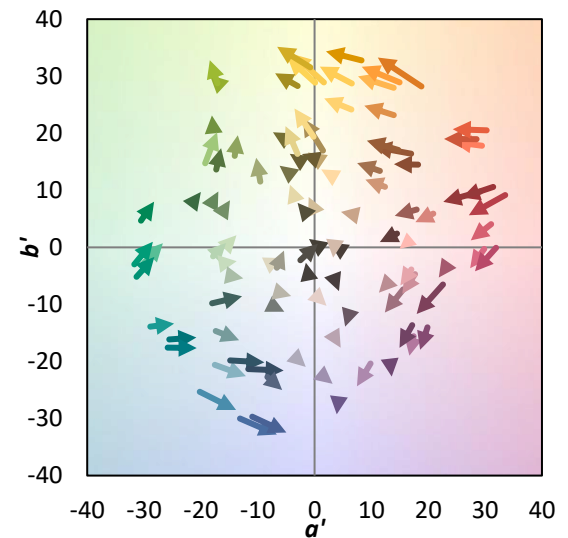
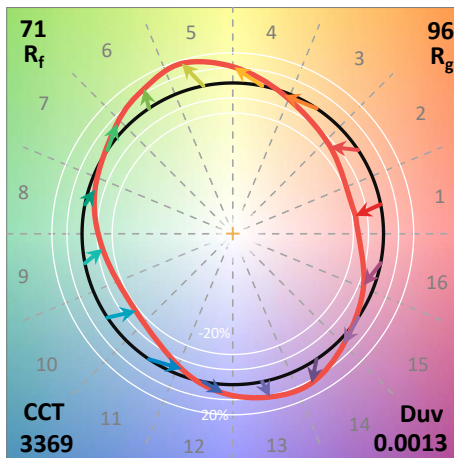
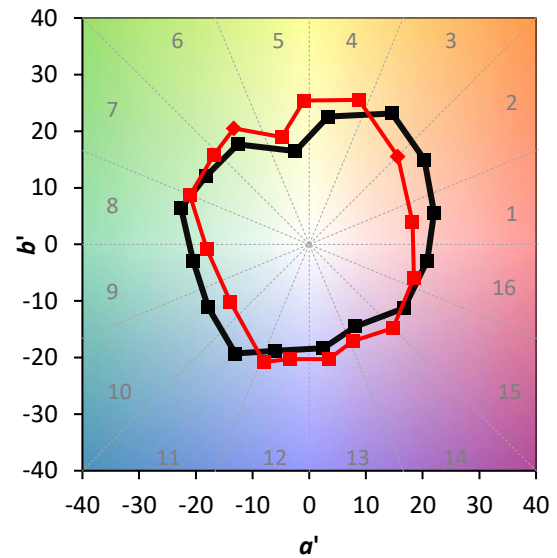
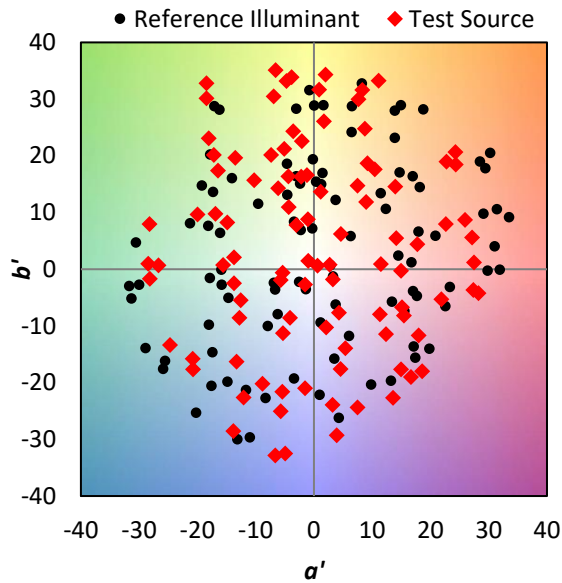
TM-30-18

Summary

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

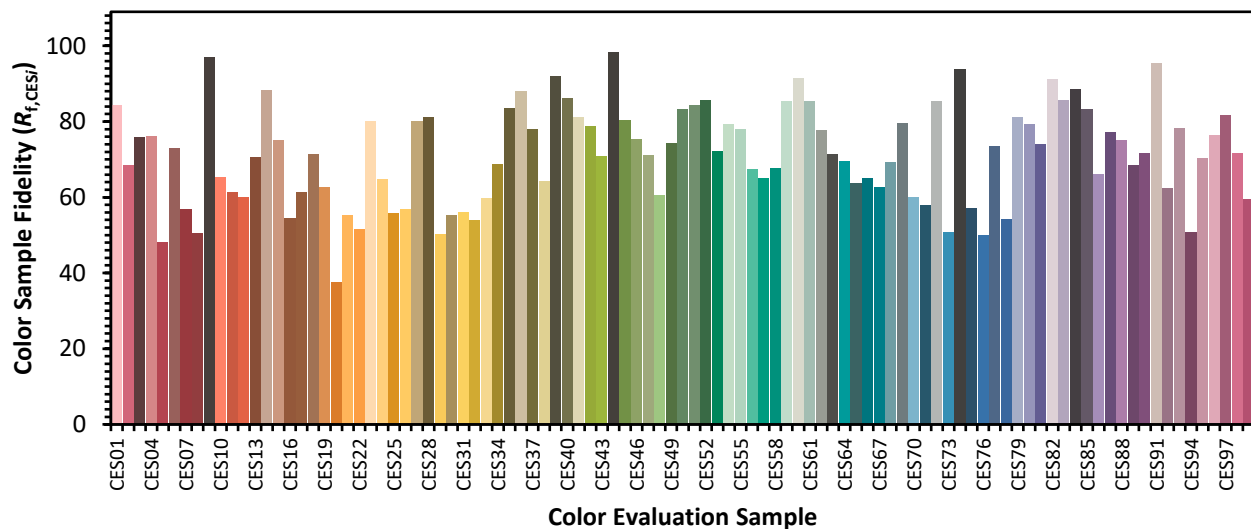


Color Vector Graphics

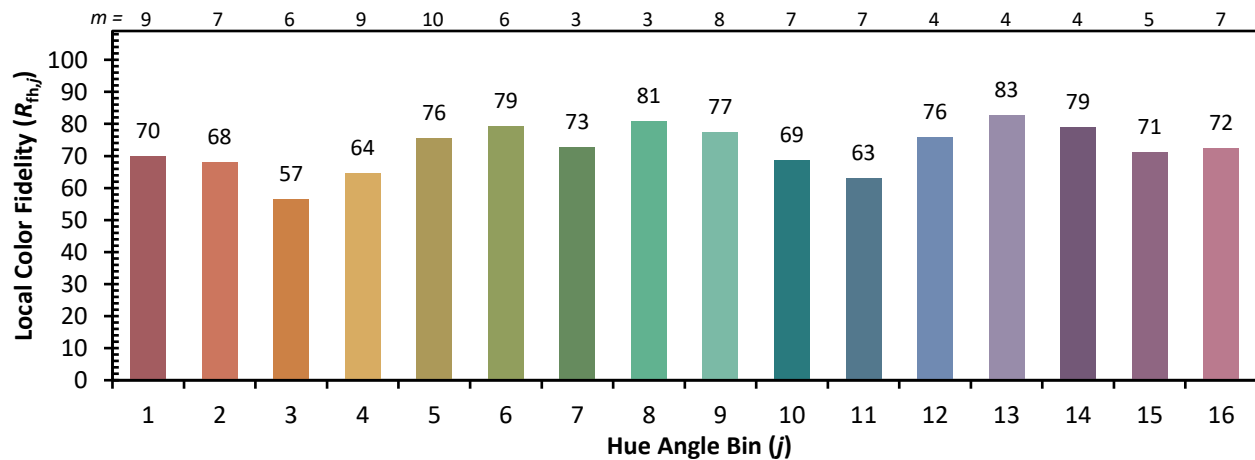
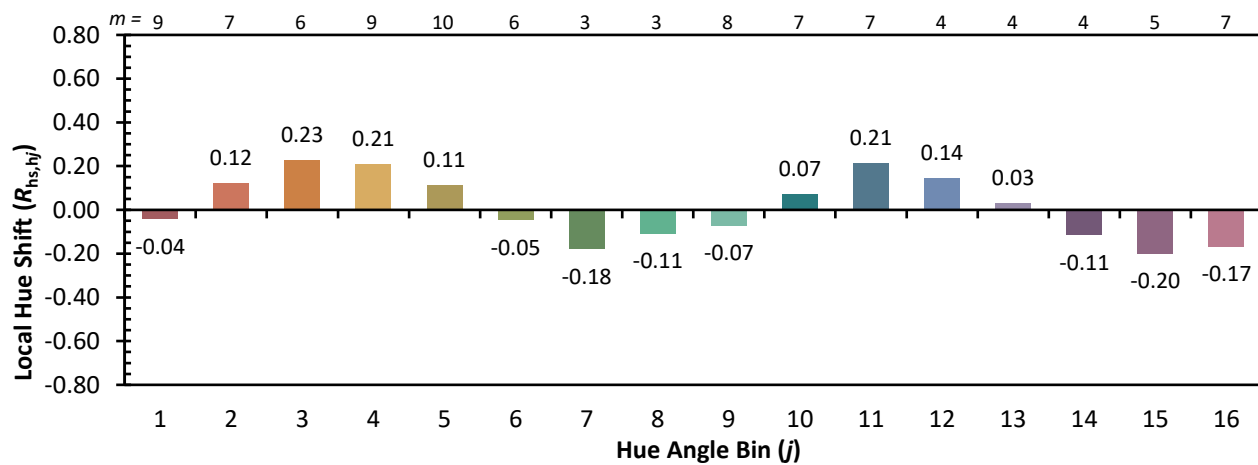
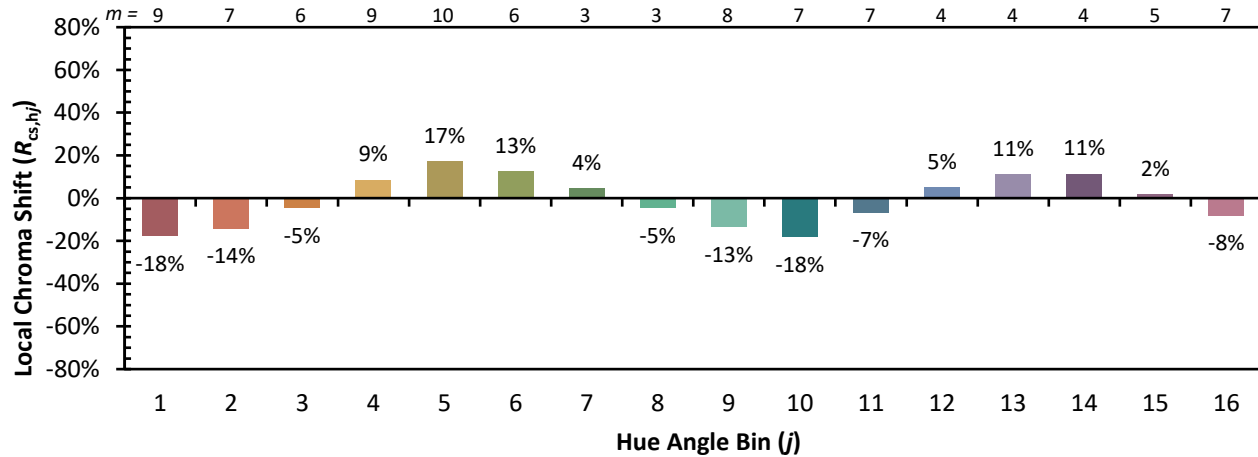


Individual Sample Fidelity Index ($R_{f,i}$)

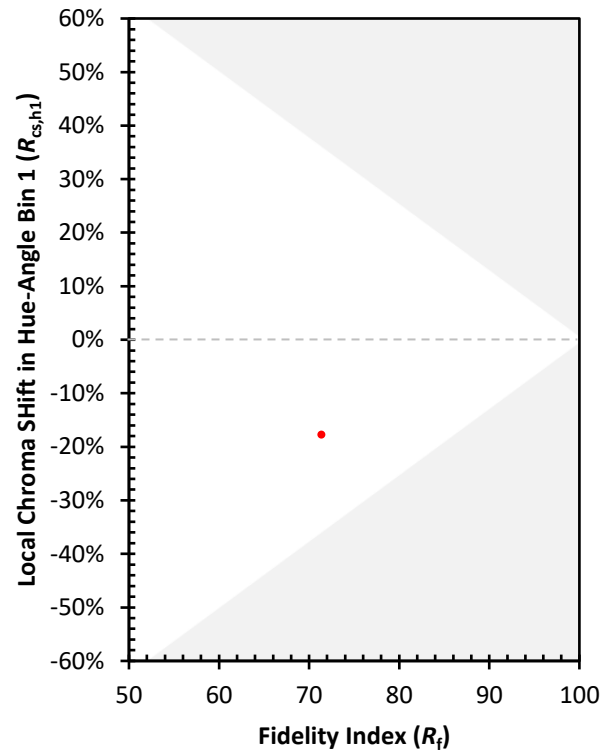
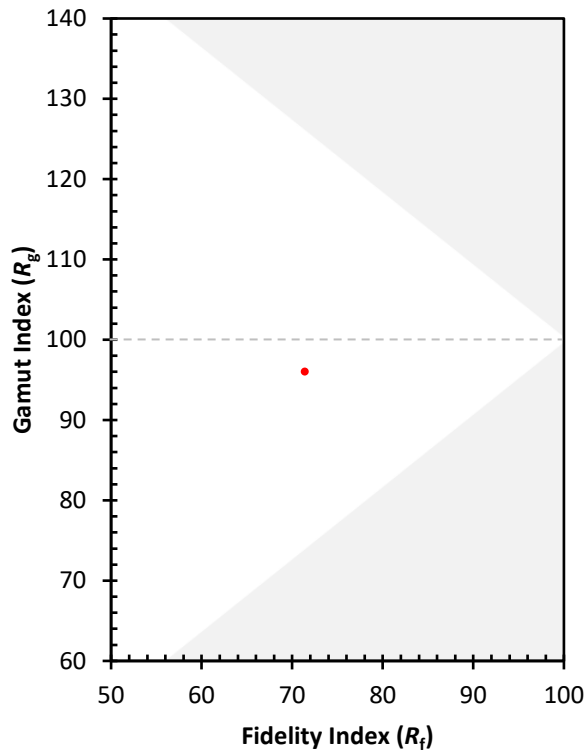
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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