

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: P1048409

Luminaire Tested: **GALN-SA8A-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048409
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28508.2 lumens
Efficiency: N/A
Efficacy: 131.0 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): 217.6
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

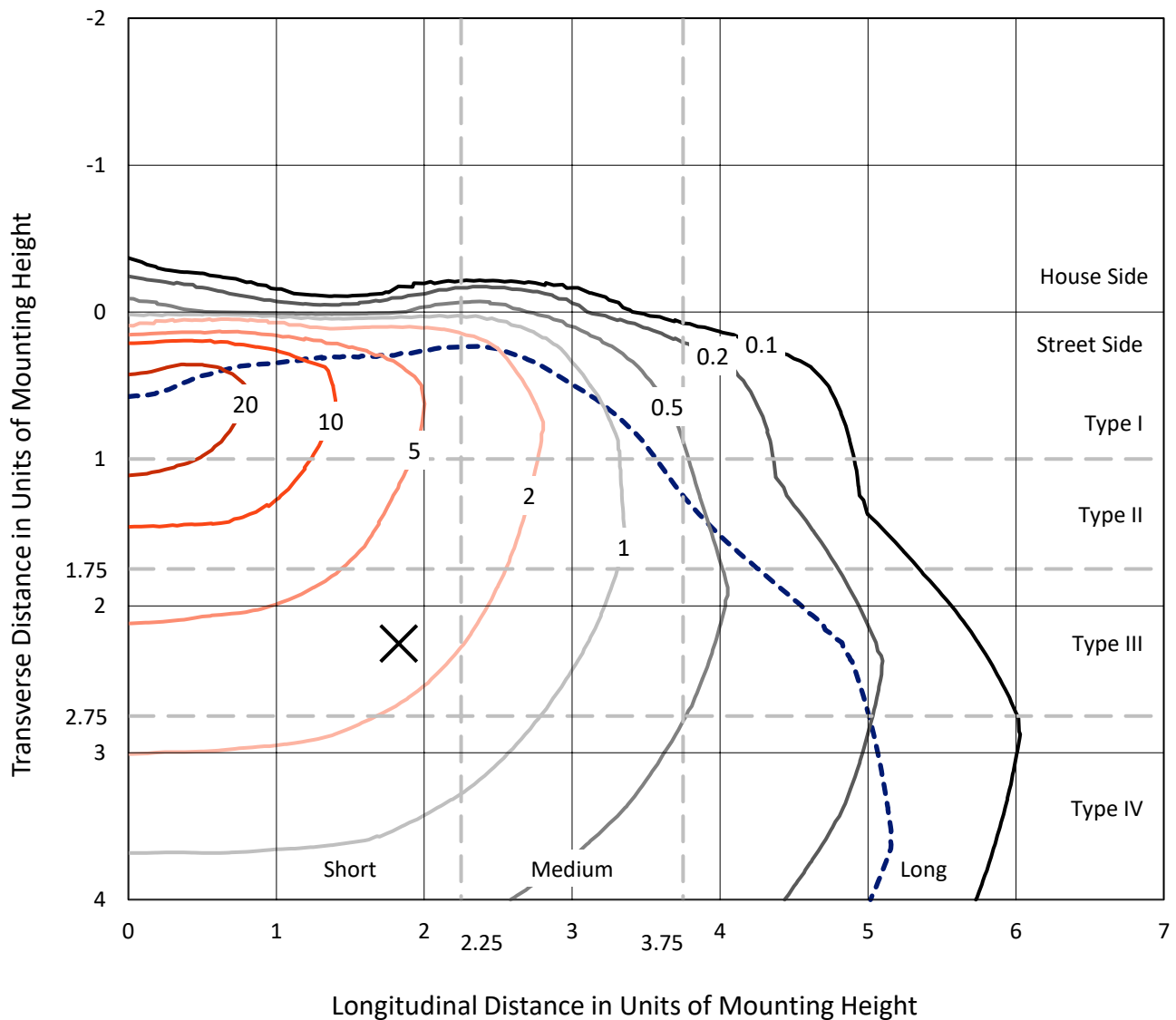


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

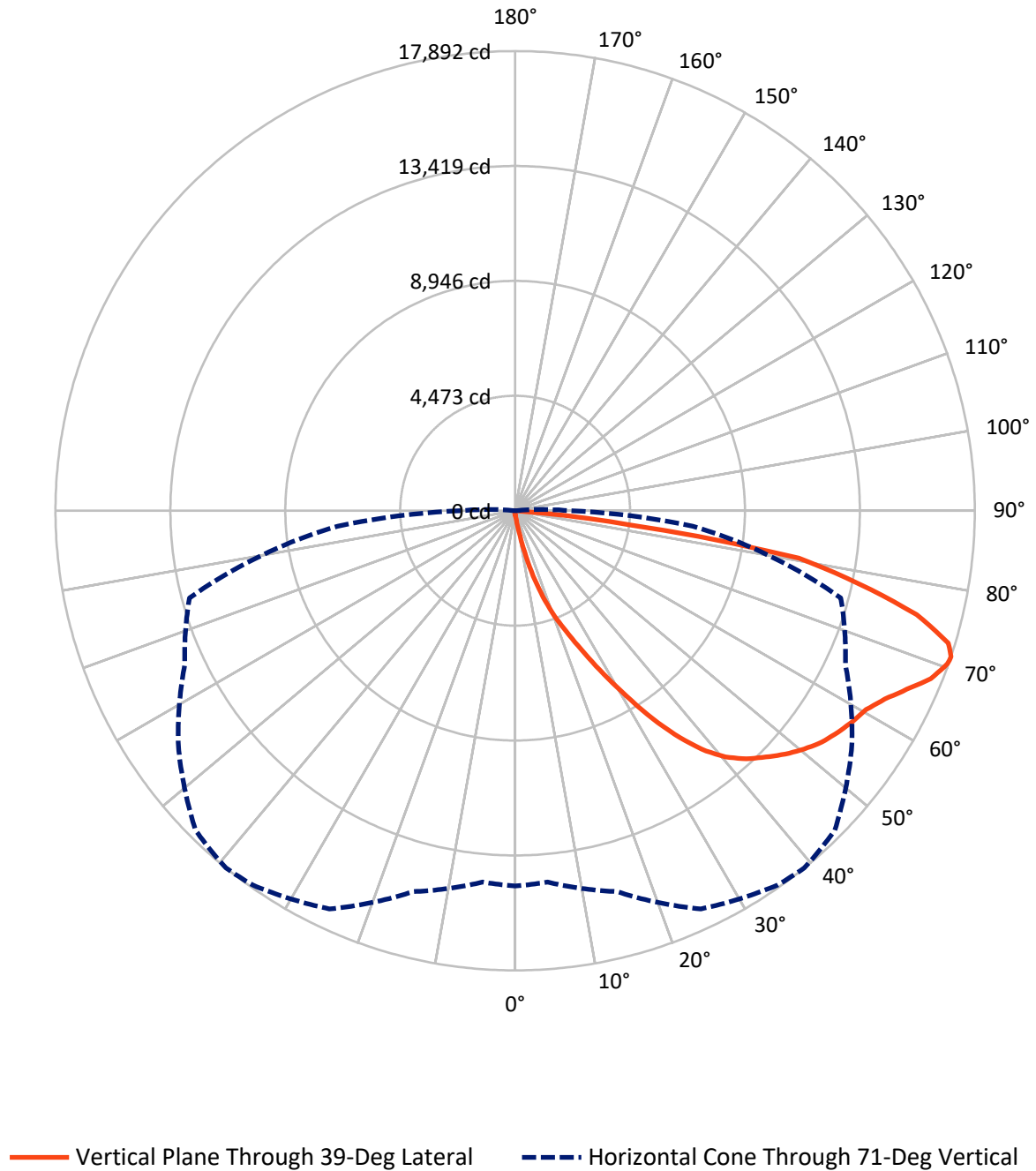


Based on 15 foot mounting height. Maximum calculated value = 29.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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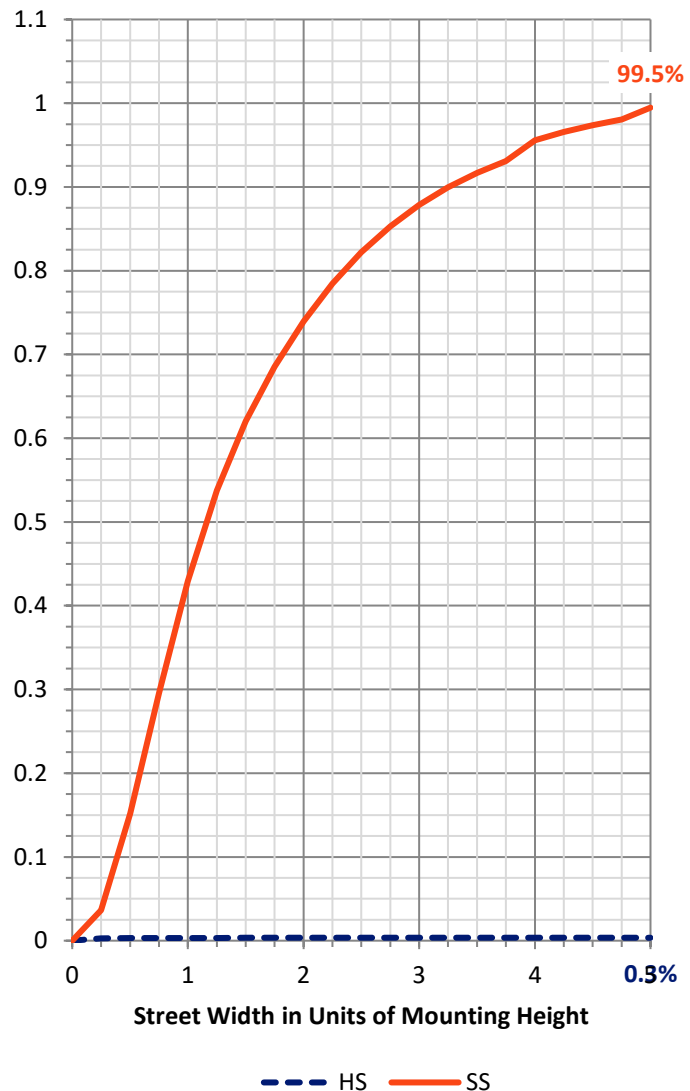
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.3	0.0	101.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28406.9	0.0	28406.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	28508.2	0.0	28508.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	0.1
10°-20°	304.7	1.1
20°-30°	1085.1	3.8
30°-40°	2615.2	9.2
40°-50°	4376.7	15.4
50°-60°	5621.3	19.7
60°-70°	7113.9	25.0
70°-80°	6342.3	22.2
80°-90°	1025.2	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°	28508.2	100.0
0°-180°	28508.2	100.0



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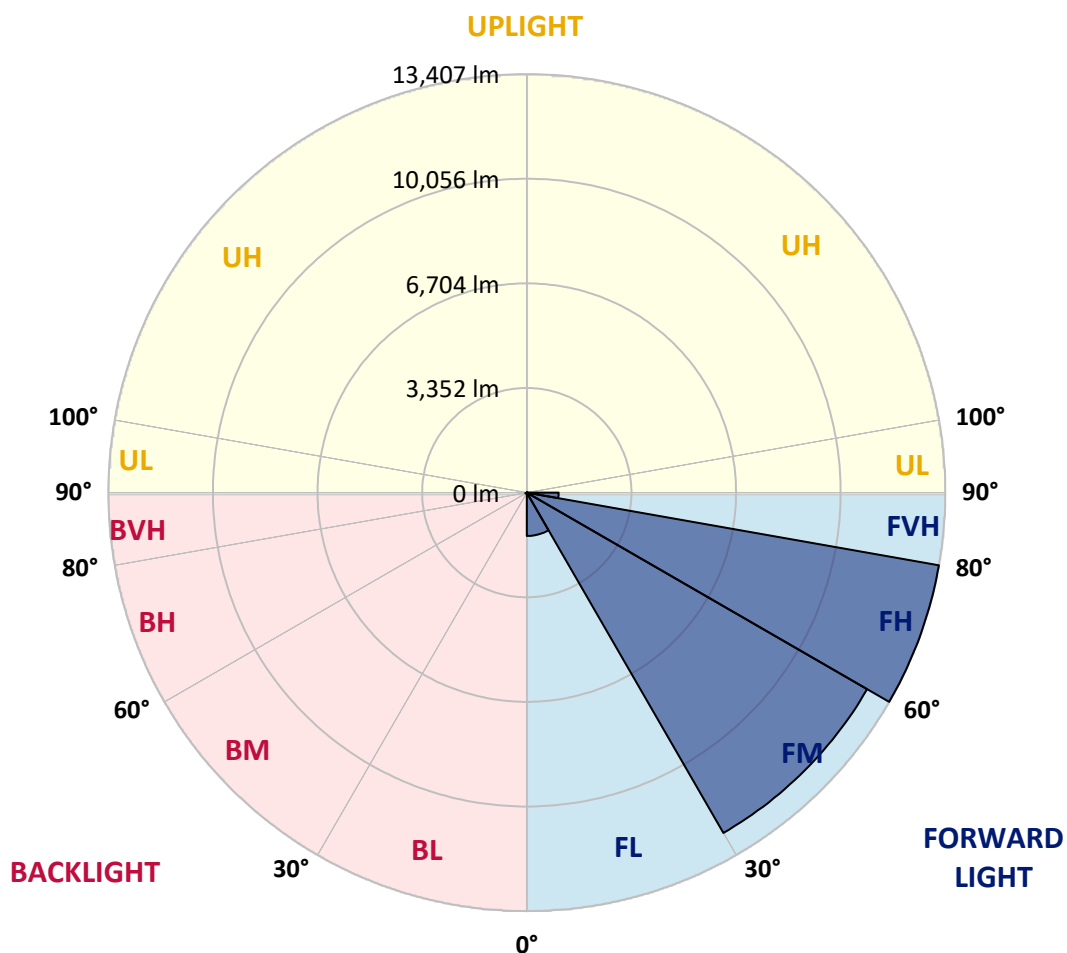
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1389.1	4.9			
FM	(30°-60°)	12589.8	44.2			
FH	(60°-80°)	13407.4	47.0			G5
FVH	(80°-90°)	1020.6	3.6			G5
BL	(0°-30°)	24.5	0.1	B0/110		
BM	(30°-60°)	23.4	0.1	B0/220		
BH	(60°-80°)	48.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3
2.5°	179.5	179.5	179.5	173.7	173.7	171.8	169.8	169.8	166.0	164.0	160.2
5°	272.1	266.3	252.8	245.1	229.7	220.0	210.4	196.8	183.3	173.7	162.1
7.5°	615.6	629.1	584.7	501.8	416.8	380.2	318.4	256.7	212.3	183.3	164.0
10°	1569.0	1561.3	1410.7	1244.8	961.1	847.2	663.9	418.8	274.0	200.7	166.0
12.5°	2669.0	2661.3	2483.7	2257.9	1883.5	1646.2	1298.8	781.6	393.7	227.7	166.0
15°	3593.4	3562.5	3506.5	3282.7	2844.6	2645.8	2186.5	1381.8	636.9	274.0	169.8
17.5°	4205.1	4178.1	4126.0	4045.0	3767.1	3531.6	3163.0	2171.1	1030.5	355.1	177.5
20°	4766.7	4747.4	4705.0	4689.5	4510.1	4384.6	4079.7	3078.1	1605.6	482.5	189.1
22.5°	5538.7	5498.1	5515.5	5422.9	5247.3	5096.7	4909.5	4027.6	2308.1	694.7	210.4
25°	6484.3	6465.0	6416.8	6351.1	6108.0	5976.8	5689.2	4923.1	3093.6	972.6	233.5
27.5°	7626.8	7605.5	7594.0	7443.4	7163.6	7020.8	6619.4	5768.3	3977.4	1362.5	264.4
30°	8942.9	8952.6	8877.3	8684.3	8358.2	8157.5	7744.5	6654.1	4882.5	1819.9	297.2
32.5°	10305.4	10286.1	10170.3	9942.6	9651.2	9464.0	8939.1	7624.8	5832.0	2423.9	335.8
35°	11774.0	11737.4	11432.4	11171.9	10923.0	10687.5	10208.9	8751.9	6781.5	3101.3	387.9
37.5°	13256.2	13084.4	12472.6	12142.6	11970.9	11777.9	11332.1	9954.2	7725.2	3857.8	451.6
40°	14375.5	14242.3	13516.7	12908.8	12771.8	12607.7	12275.8	10992.4	8728.7	4670.2	528.8
42.5°	14995.0	14921.6	14269.3	13669.1	13346.9	13202.1	12918.4	11899.5	9720.7	5567.6	640.7
45°	15259.3	15145.5	14709.3	14429.5	13916.2	13676.9	13339.1	12584.6	10757.0	6586.6	797.0
47.5°	15178.3	15112.7	14800.0	14902.3	14529.9	14157.4	13661.4	13109.5	11642.8	7756.1	1011.2
50°	14668.8	14612.8	14516.3	15070.2	15023.9	14583.9	14078.3	13524.4	12366.5	8962.2	1343.2
52.5°	13700.0	13676.9	13923.9	14939.0	15303.7	14960.2	14479.7	13891.1	13041.9	10222.4	1817.9
55°	12451.4	12546.0	13252.3	14734.4	15446.5	15238.1	14834.8	14234.6	13584.2	11349.5	2518.5
57.5°	11938.1	11963.2	12845.1	14589.7	15510.2	15483.2	15180.2	14562.7	14082.1	12250.7	3587.6
60°	12538.3	12499.7	12964.7	14699.7	15637.6	15703.2	15487.1	14867.6	14514.4	13024.6	5011.8
62.5°	13622.8	13601.6	13750.2	15168.6	16010.1	16143.2	15913.6	15087.6	14896.5	13534.1	6636.8
65°	14591.6	14547.2	14823.2	16000.4	16664.3	16758.8	16558.1	15463.9	15064.4	13904.6	8163.3
67.5°	15010.4	15000.7	15444.6	16791.6	17351.3	17453.6	17278.0	15983.0	15025.8	14022.3	8836.8
70°	14819.3	14782.7	15492.9	17127.4	17739.2	17855.0	17685.2	16176.0	14607.1	13649.8	7839.1
71°	14609.0	14510.6	15348.1	17104.3	17793.2	17891.7	17594.5	16000.4	14186.3	13121.1	6934.0
72.5°	13956.7	13974.1	14950.6	16863.0	17663.9	17635.0	17081.1	15371.3	13678.8	11920.7	5569.6
75°	12351.1	12453.3	13663.4	15849.9	16509.9	16141.3	15294.1	14169.0	12659.8	8547.3	3867.4
77.5°	10093.1	10245.6	11575.3	13900.7	13713.5	13676.9	13642.1	12484.2	10811.0	4591.1	2690.2
80°	4818.8	5148.8	6982.2	9923.3	10780.2	11195.1	10934.5	10060.3	8360.1	2186.5	1607.6
82.5°	314.6	310.7	440.0	833.7	3514.3	4542.9	7217.6	7190.6	5828.2	1065.3	656.1
85°	148.6	152.5	167.9	191.1	221.9	243.2	335.8	1968.4	2788.6	507.6	142.8
87.5°	86.8	88.8	104.2	133.2	173.7	193.0	229.7	295.3	362.8	279.8	30.9
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-SA8A-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3	156.3
2.5°	158.2	156.3	150.5	144.7	138.9	135.1	133.2	135.1	135.1	137.0	137.0
5°	158.2	152.5	142.8	131.2	123.5	115.8	111.9	110.0	111.9	111.9	111.9
7.5°	156.3	146.7	133.2	119.7	110.0	100.4	96.5	94.6	94.6	96.5	96.5
10°	152.5	142.8	125.4	110.0	98.4	86.8	81.1	75.3	75.3	75.3	77.2
12.5°	150.5	137.0	115.8	100.4	84.9	71.4	59.8	54.0	56.0	56.0	56.0
15°	146.7	131.2	110.0	90.7	71.4	54.0	44.4	38.6	40.5	42.5	40.5
17.5°	146.7	129.3	102.3	79.1	56.0	40.5	32.8	28.9	28.9	30.9	30.9
20°	146.7	125.4	96.5	67.5	42.5	30.9	23.2	21.2	21.2	25.1	27.0
22.5°	150.5	125.4	88.8	56.0	34.7	23.2	17.4	15.4	17.4	21.2	23.2
25°	156.3	123.5	81.1	50.2	28.9	17.4	13.5	9.6	11.6	15.4	17.4
27.5°	162.1	121.6	73.3	44.4	23.2	13.5	9.6	7.7	5.8	7.7	7.7
30°	167.9	121.6	65.6	36.7	19.3	9.6	5.8	3.9	1.9	0.0	0.0
32.5°	171.8	117.7	59.8	28.9	15.4	7.7	3.9	1.9	0.0	0.0	0.0
35°	175.6	113.9	52.1	23.2	11.6	5.8	1.9	0.0	0.0	0.0	0.0
37.5°	179.5	108.1	44.4	19.3	9.6	3.9	0.0	0.0	0.0	0.0	0.0
40°	183.3	100.4	36.7	17.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	187.2	94.6	30.9	13.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	196.8	90.7	25.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	214.2	86.8	23.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	239.3	83.0	21.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	274.0	81.1	19.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	335.8	79.1	17.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	441.9	77.2	17.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	677.4	73.3	17.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1210.0	71.4	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2109.3	73.3	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3024.1	77.2	13.5	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2587.9	67.5	13.5	7.7	3.9	1.9	0.0	0.0	0.0	0.0	0.0
71°	2109.3	59.8	13.5	7.7	3.9	1.9	1.9	0.0	0.0	0.0	0.0
72.5°	1356.7	46.3	11.6	7.7	3.9	3.9	1.9	0.0	0.0	0.0	0.0
75°	573.2	38.6	11.6	7.7	5.8	3.9	3.9	1.9	0.0	0.0	0.0
77.5°	245.1	28.9	11.6	9.6	7.7	5.8	5.8	3.9	1.9	0.0	0.0
80°	92.6	23.2	13.5	11.6	9.6	9.6	7.7	3.9	1.9	0.0	0.0
82.5°	42.5	19.3	13.5	11.6	11.6	9.6	7.7	5.8	3.9	0.0	0.0
85°	27.0	17.4	13.5	11.6	11.6	9.6	9.6	5.8	3.9	0.0	0.0
87.5°	21.2	17.4	13.5	13.5	11.6	11.6	7.7	5.8	1.9	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

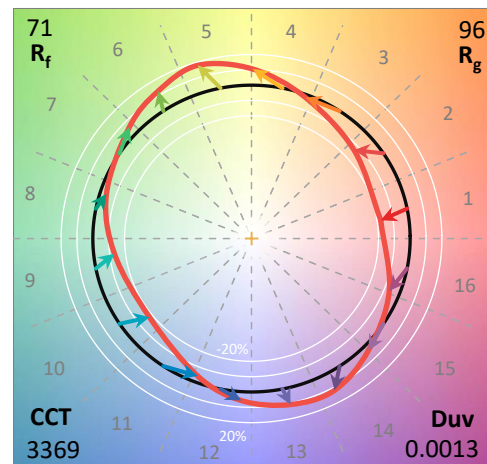
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

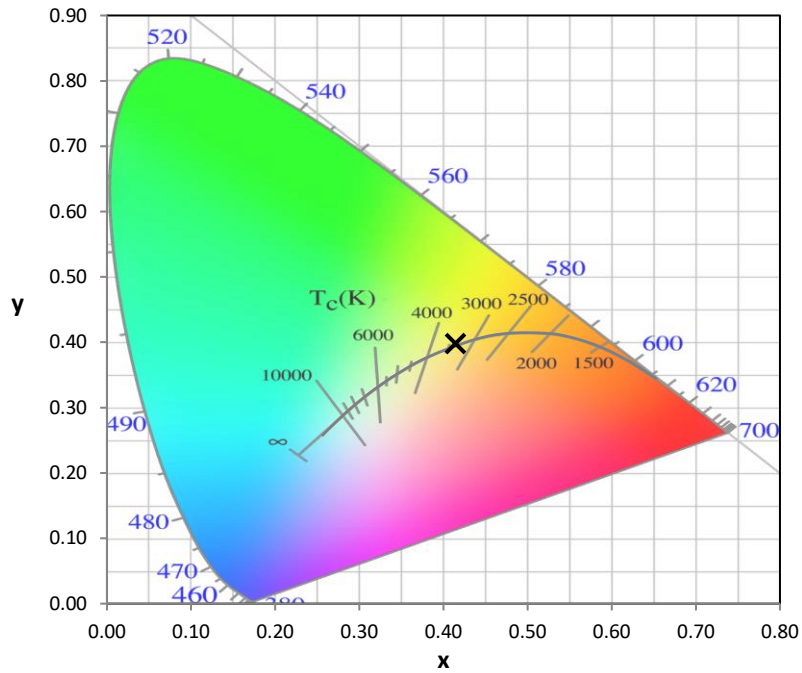
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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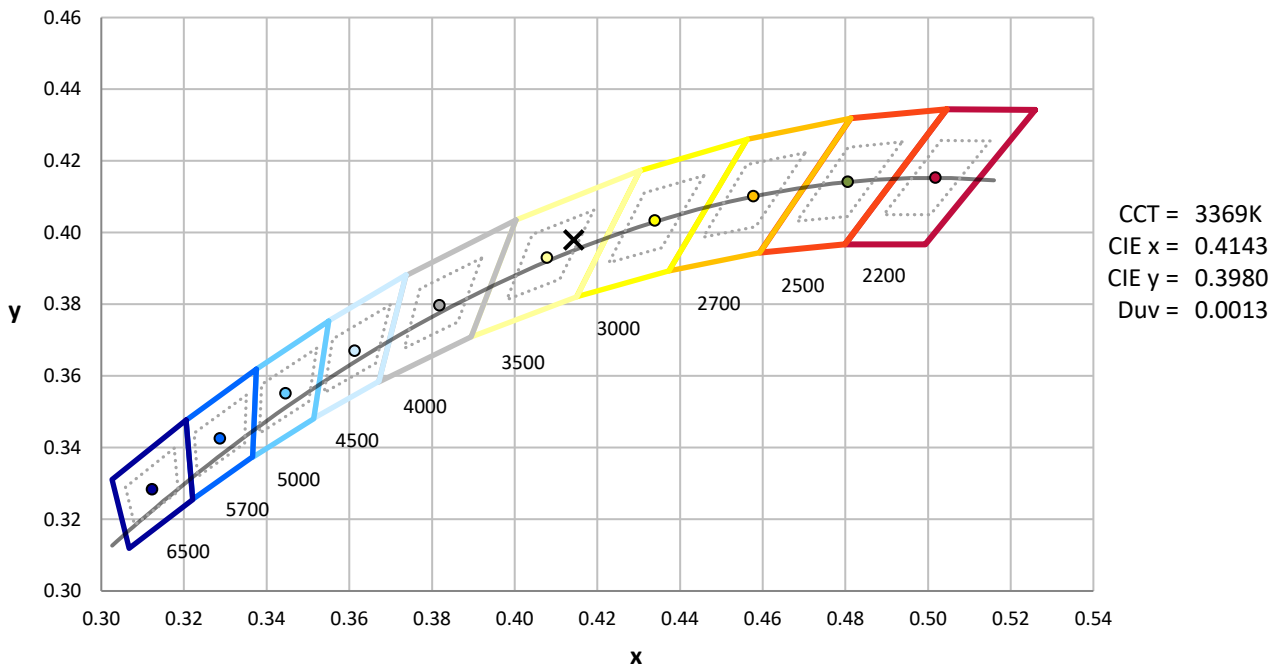
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



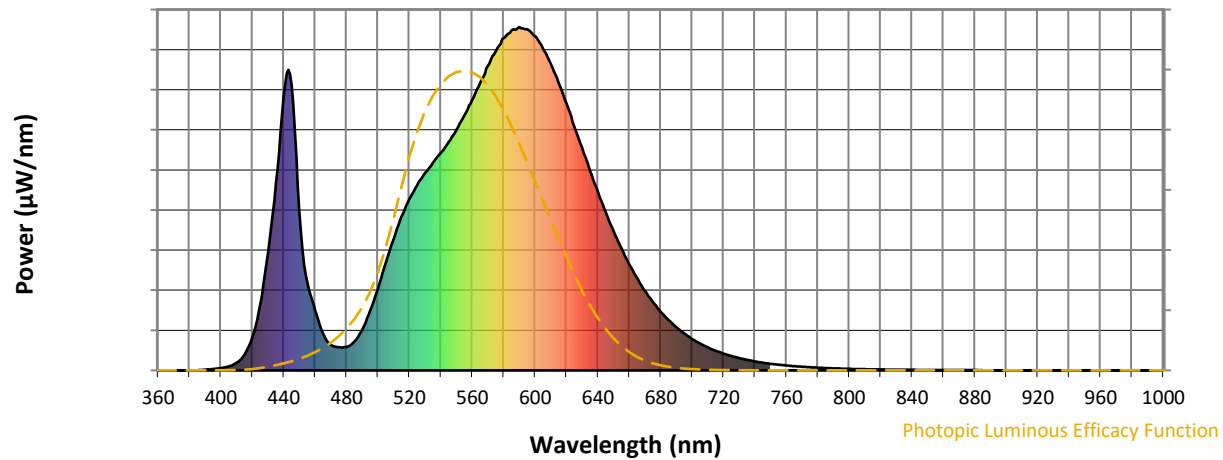
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

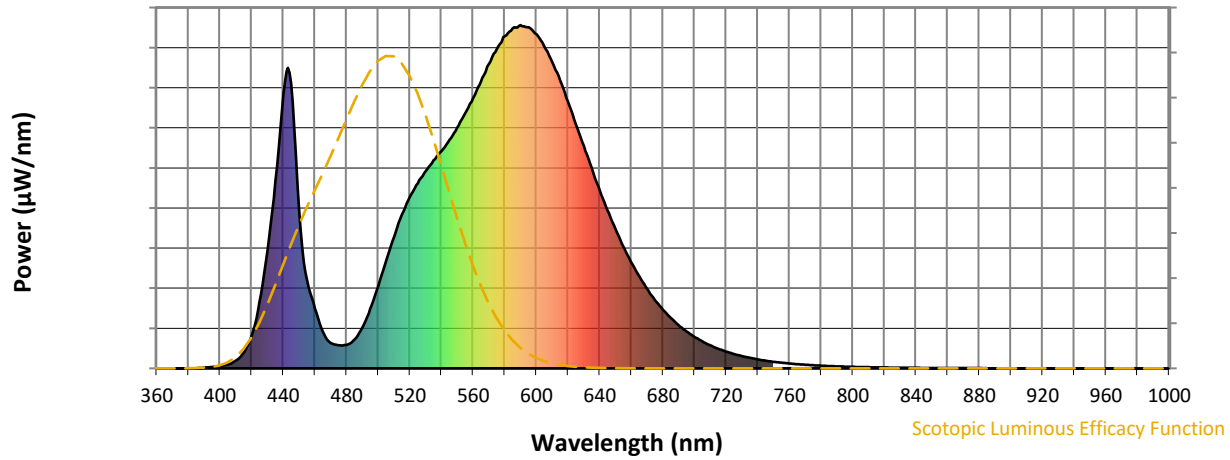


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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



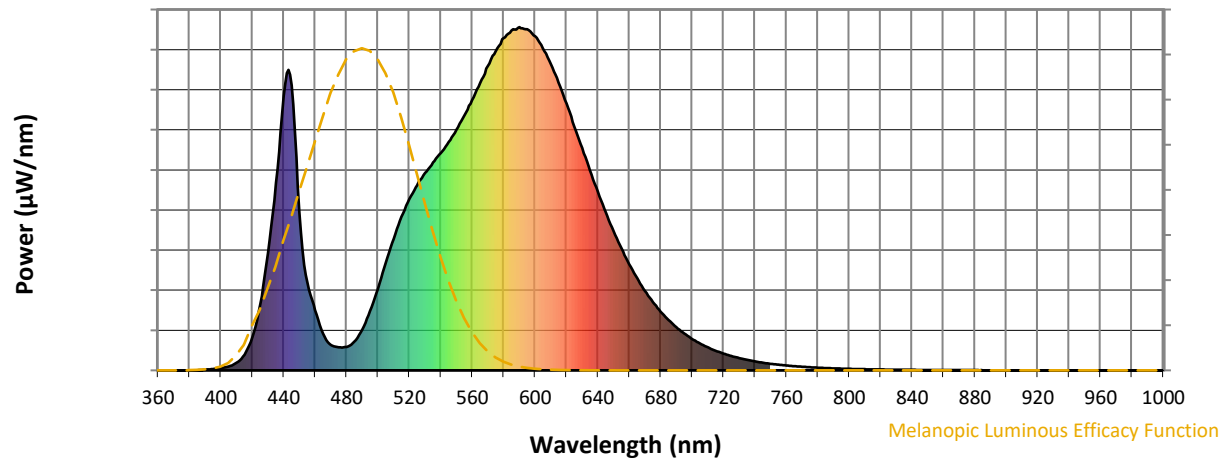
Scotopic Lumens: NR

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

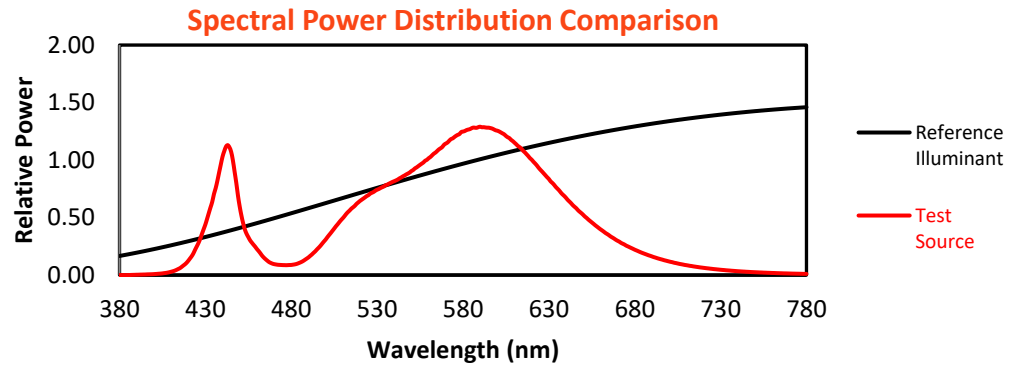
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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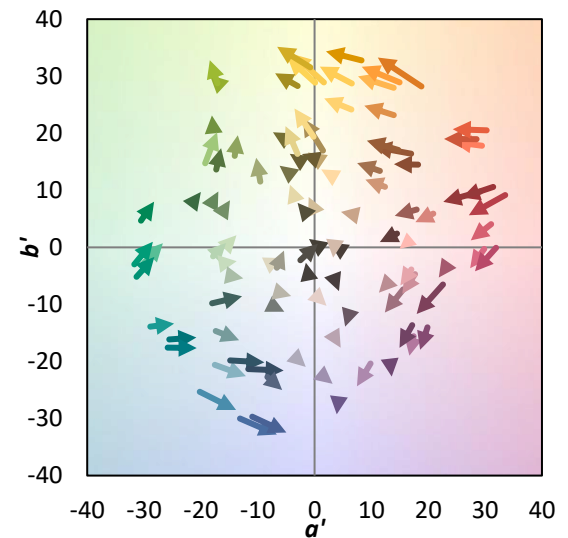
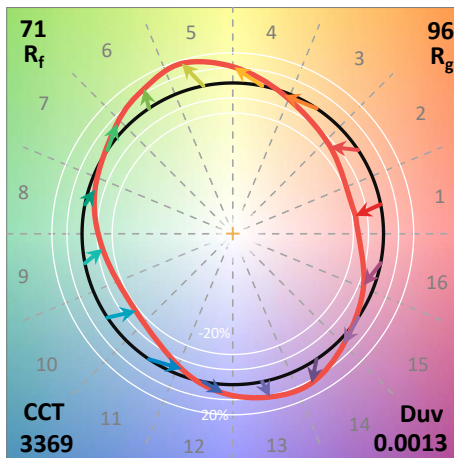
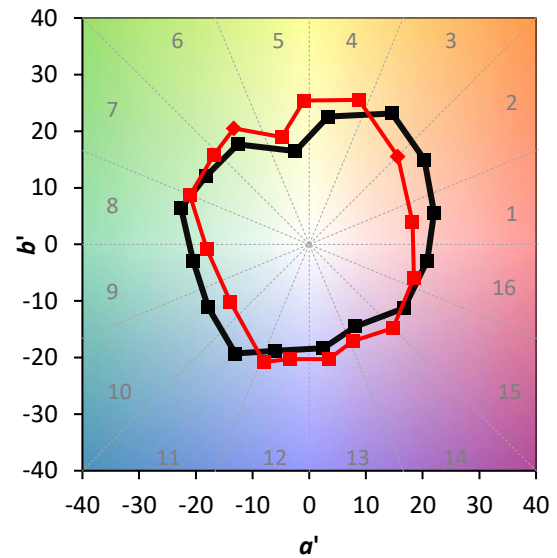
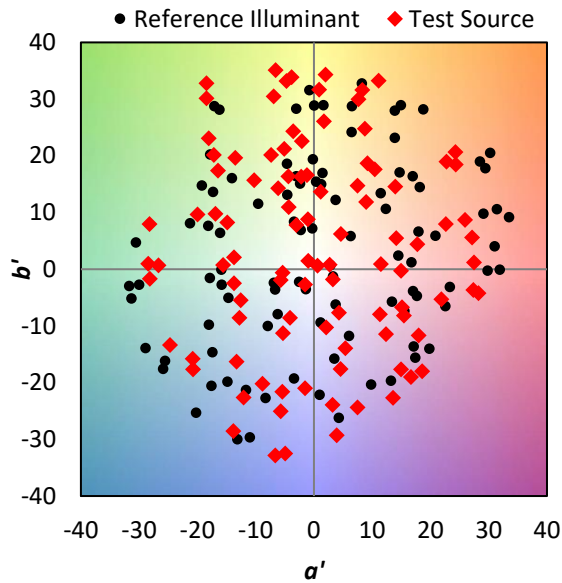
TM-30-18

Summary

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

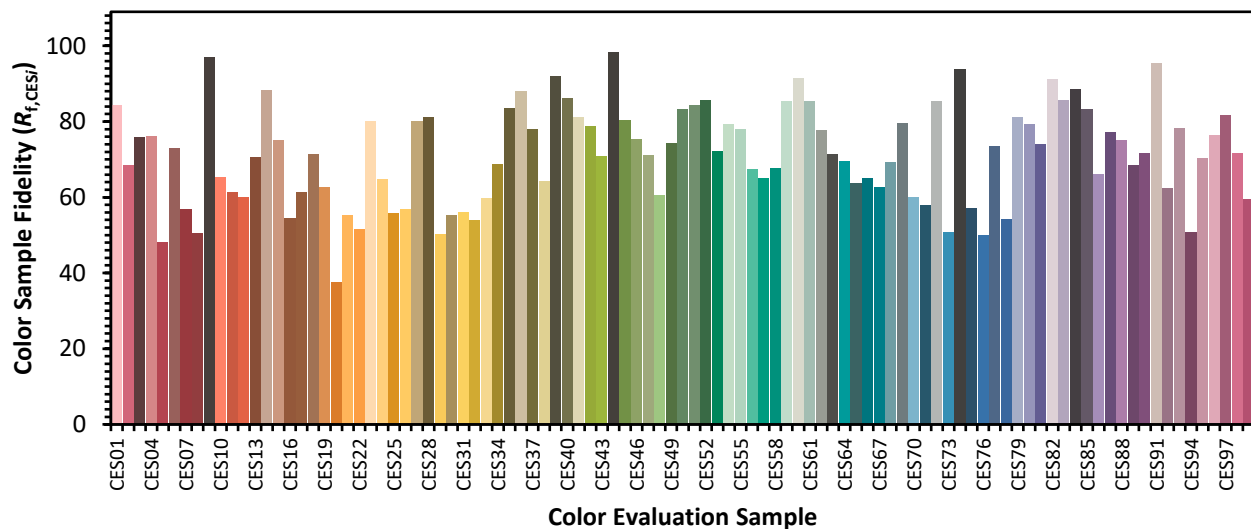


Color Vector Graphics

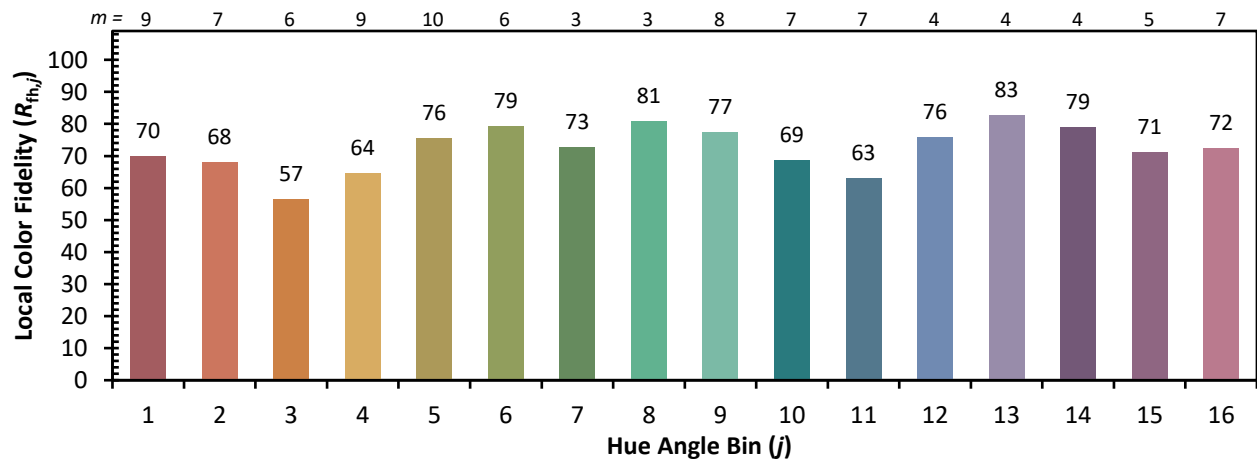
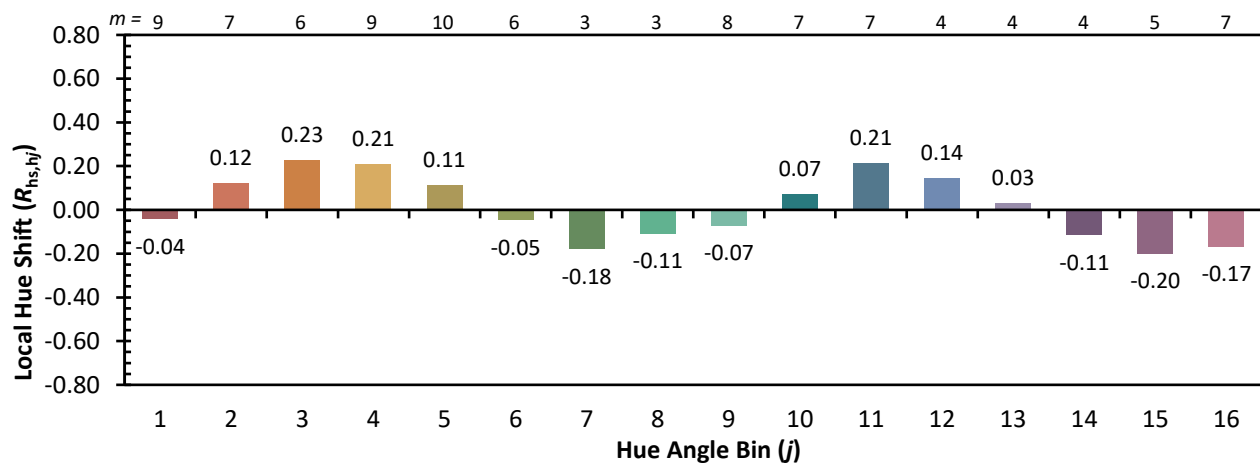
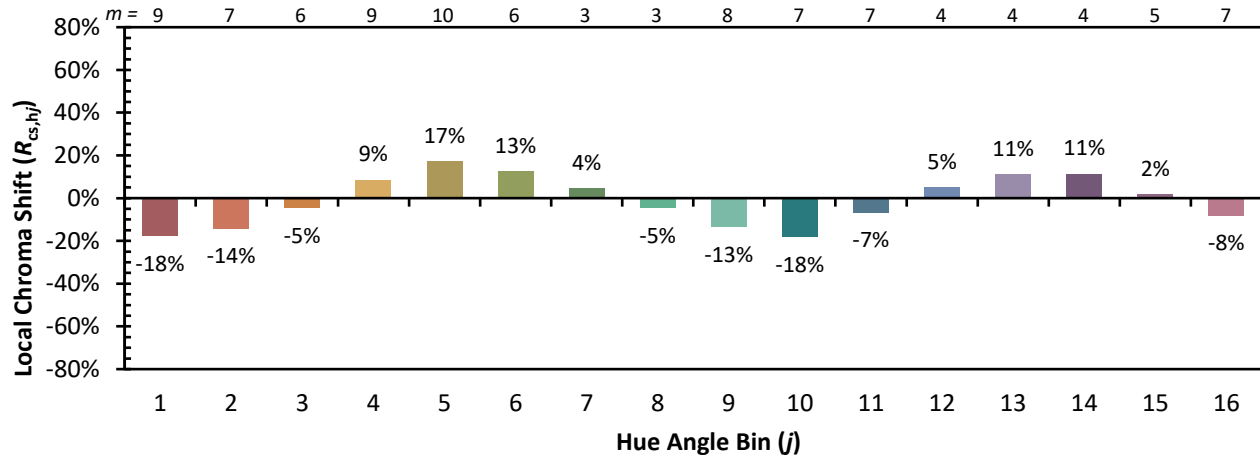


Individual Sample Fidelity Index ($R_{f,i}$)

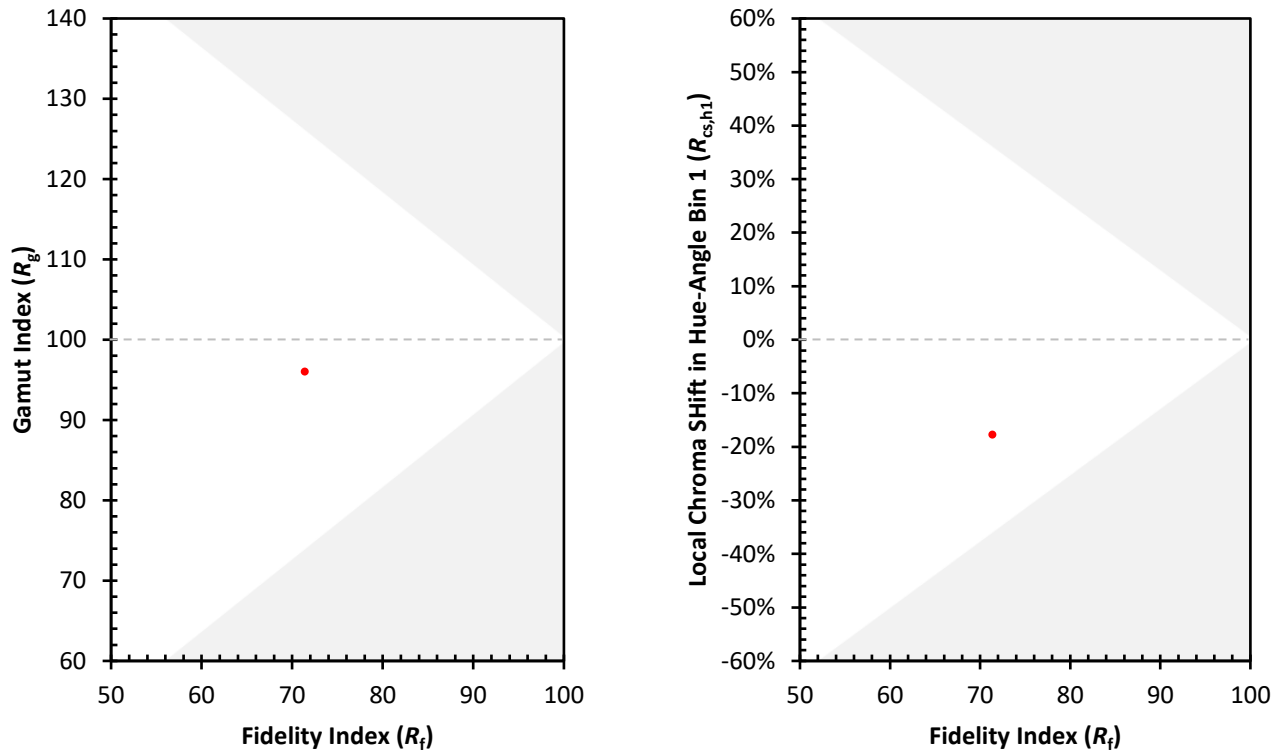
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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