

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: P1048401

Luminaire Tested: **GALN-SA6A-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048401
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21261.2 lumens
Efficiency: N/A
Efficacy: 130.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 162.9
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

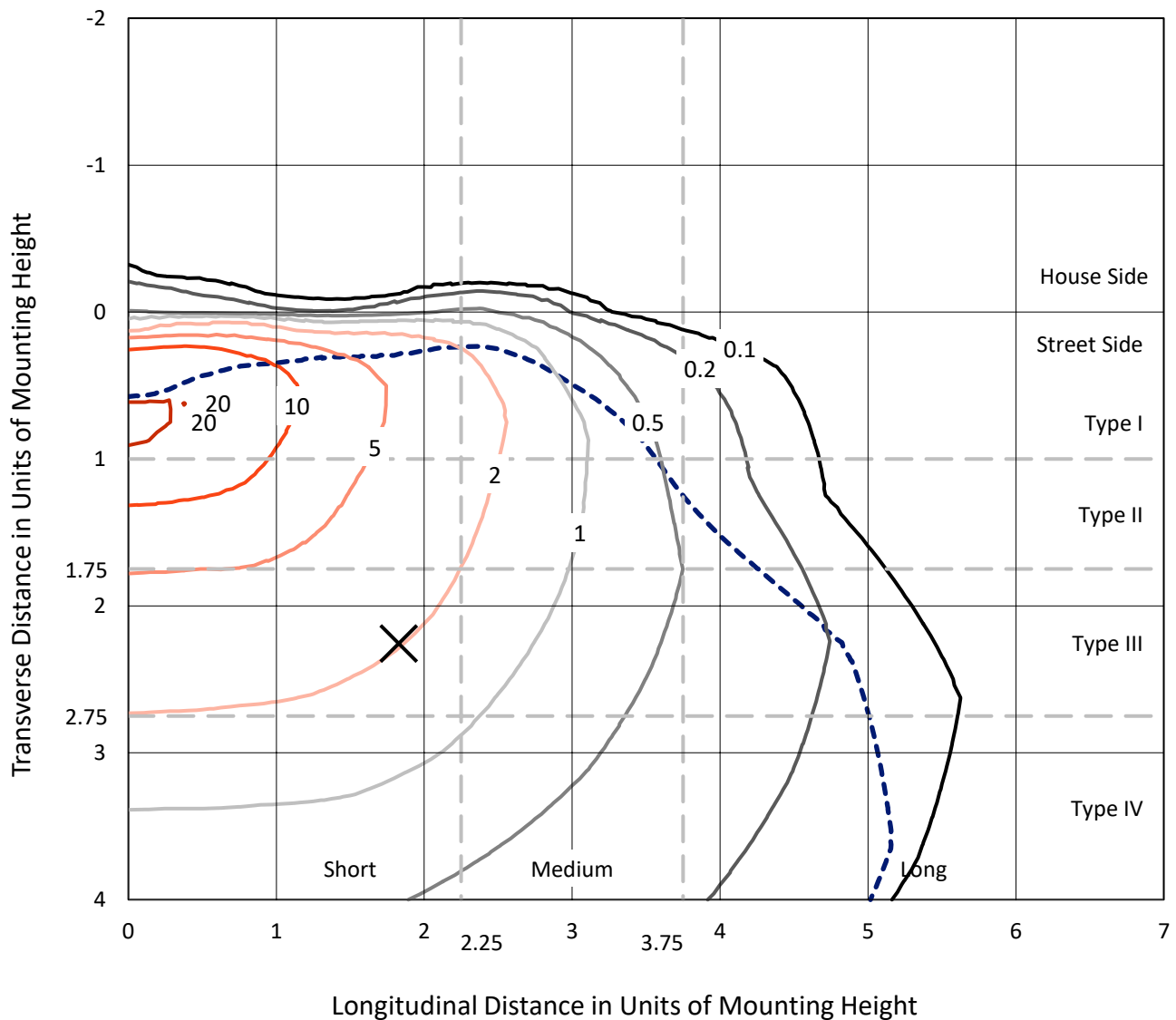


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

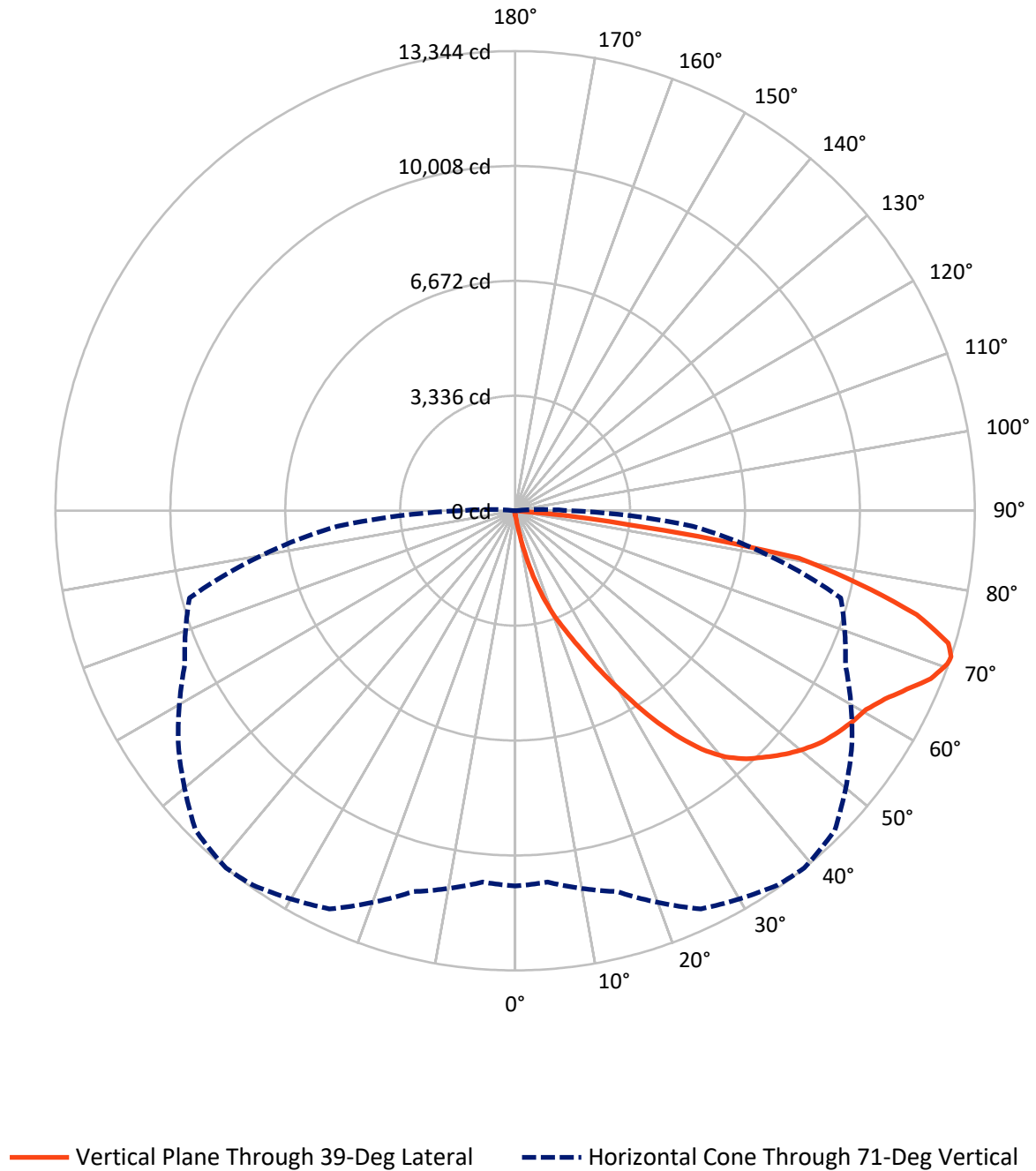


Based on 15 foot mounting height. Maximum calculated value = 21.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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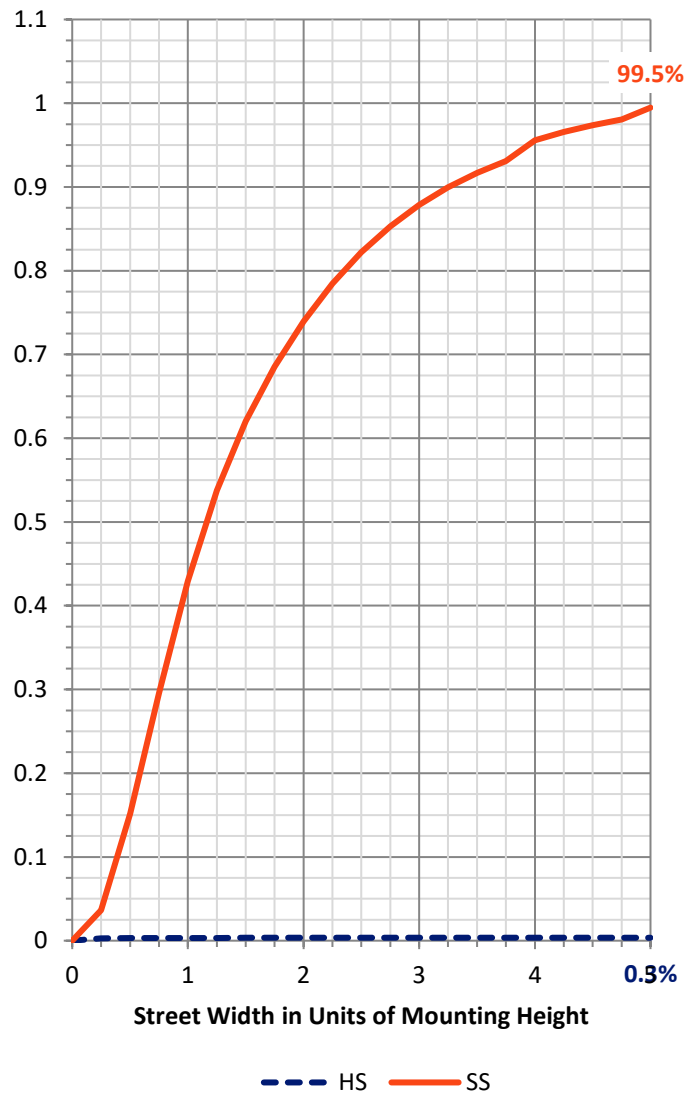
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	75.6	0.0	75.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21185.7	0.0	21185.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	21261.2	0.0	21261.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	0.1
10°-20°	227.2	1.1
20°-30°	809.3	3.8
30°-40°	1950.4	9.2
40°-50°	3264.1	15.4
50°-60°	4192.4	19.7
60°-70°	5305.5	25.0
70°-80°	4730.0	22.2
80°-90°	764.6	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°	21261.2	100.0
0°-180°	21261.2	100.0



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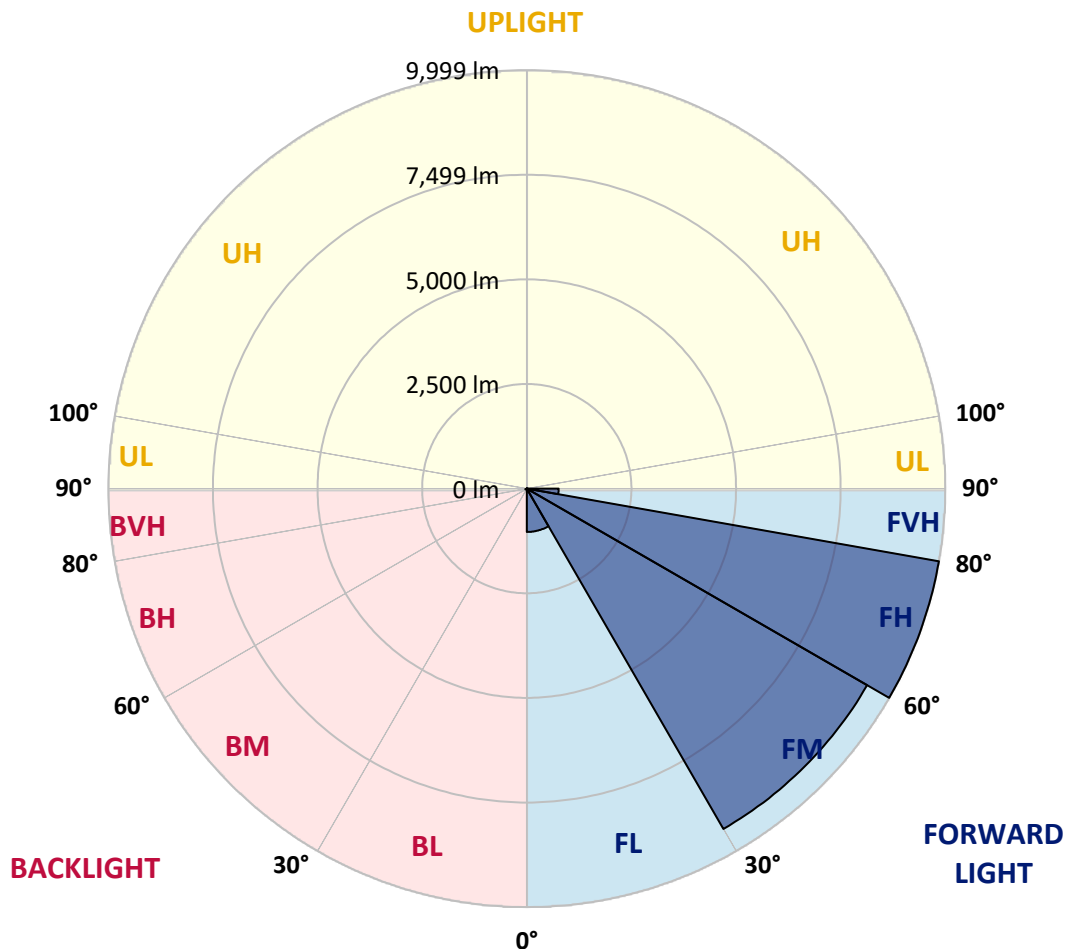
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1036.0	4.9			
FM	(30°-60°)	9389.4	44.2			
FH	(60°-80°)	9999.2	47.0			G4/12000
FVH	(80°-90°)	761.1	3.6			G5
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	17.5	0.1	B0/220		
BH	(60°-80°)	36.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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°	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6
2.5°	133.9	133.9	133.9	129.5	129.5	128.1	126.7	126.7	123.8	122.3	119.5
5°	202.9	198.6	188.5	182.8	171.3	164.1	156.9	146.8	136.7	129.5	120.9
7.5°	459.1	469.2	436.1	374.2	310.9	283.5	237.5	191.4	158.3	136.7	122.3
10°	1170.1	1164.4	1052.1	928.3	716.8	631.8	495.1	312.3	204.4	149.7	123.8
12.5°	1990.5	1984.8	1852.3	1683.9	1404.7	1227.7	968.6	582.9	293.6	169.8	123.8
15°	2679.9	2656.9	2615.2	2448.2	2121.5	1973.2	1630.7	1030.5	475.0	204.4	126.7
17.5°	3136.2	3116.0	3077.2	3016.7	2809.5	2633.9	2359.0	1619.2	768.6	264.8	132.4
20°	3555.0	3540.6	3508.9	3497.4	3363.6	3270.0	3042.6	2295.6	1197.5	359.8	141.0
22.5°	4130.7	4100.5	4113.4	4044.4	3913.4	3801.1	3661.5	3003.8	1721.4	518.1	156.9
25°	4836.0	4821.6	4785.6	4736.6	4555.3	4457.4	4243.0	3671.6	2307.2	725.4	174.2
27.5°	5688.0	5672.2	5663.5	5551.3	5342.6	5236.1	4936.7	4302.0	2966.3	1016.1	197.2
30°	6669.6	6676.8	6620.7	6476.7	6233.5	6083.8	5775.8	4962.6	3641.4	1357.2	221.6
32.5°	7685.7	7671.3	7585.0	7415.1	7197.8	7058.2	6666.7	5686.6	4349.5	1807.7	250.4
35°	8781.0	8753.7	8526.3	8332.0	8146.3	7970.7	7613.8	6527.1	5057.6	2312.9	289.3
37.5°	9886.4	9758.3	9302.0	9055.9	8927.8	8783.9	8451.4	7423.8	5761.4	2877.1	336.8
40°	10721.1	10621.8	10080.7	9627.3	9525.1	9402.8	9155.2	8198.1	6509.8	3483.0	394.4
42.5°	11183.2	11128.5	10642.0	10194.4	9954.0	9846.1	9634.5	8874.6	7249.6	4152.3	477.8
45°	11380.3	11295.4	10970.1	10761.4	10378.6	10200.1	9948.3	9385.5	8022.5	4912.2	594.4
47.5°	11319.9	11270.9	11037.8	11114.1	10836.3	10558.5	10188.6	9777.0	8683.1	5784.4	754.2
50°	10939.9	10898.2	10826.2	11239.3	11204.7	10876.6	10499.5	10086.4	9222.9	6684.0	1001.7
52.5°	10217.4	10200.1	10384.4	11141.4	11413.4	11157.2	10798.9	10359.9	9726.6	7623.8	1355.8
55°	9286.2	9356.7	9883.5	10988.8	11519.9	11364.5	11063.7	10616.1	10131.0	8464.4	1878.3
57.5°	8903.3	8922.1	9579.8	10880.9	11567.4	11547.3	11321.3	10860.8	10502.4	9136.5	2675.6
60°	9351.0	9322.2	9669.0	10962.9	11662.4	11711.4	11550.2	11088.2	10824.8	9713.7	3737.8
62.5°	10159.8	10144.0	10254.8	11312.7	11940.2	12039.5	11868.2	11252.2	11109.7	10093.6	4949.7
65°	10882.3	10849.2	11055.1	11933.0	12428.1	12498.6	12349.0	11532.9	11235.0	10370.0	6088.1
67.5°	11194.7	11187.5	11518.5	12523.1	12940.5	13016.8	12885.8	11920.1	11206.2	10457.8	6590.4
70°	11052.2	11024.8	11554.5	12773.5	13229.8	13316.2	13189.5	12064.0	10893.9	10180.0	5846.3
71°	10895.3	10821.9	11446.5	12756.3	13270.1	13343.5	13121.9	11933.0	10580.1	9785.6	5171.3
72.5°	10408.8	10421.8	11150.0	12576.4	13173.7	13152.1	12739.0	11463.8	10201.6	8890.4	4153.7
75°	9211.3	9287.6	10190.1	11820.7	12313.0	12038.1	11406.2	10567.1	9441.6	6374.5	2884.3
77.5°	7527.4	7641.1	8632.8	10367.1	10227.5	10200.1	10174.2	9310.7	8062.8	3424.0	2006.3
80°	3593.9	3840.0	5207.3	7400.7	8039.8	8349.2	8154.9	7502.9	6234.9	1630.7	1198.9
82.5°	234.6	231.7	328.2	621.8	2620.9	3388.0	5382.9	5362.7	4346.6	794.5	489.4
85°	110.8	113.7	125.2	142.5	165.5	181.3	250.4	1468.1	2079.7	378.5	106.5
87.5°	64.8	66.2	77.7	99.3	129.5	143.9	171.3	220.2	270.6	208.7	23.0
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-SA6A-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6	116.6
2.5°	118.0	116.6	112.3	107.9	103.6	100.7	99.3	100.7	100.7	102.2	102.2
5°	118.0	113.7	106.5	97.9	92.1	86.4	83.5	82.0	83.5	83.5	83.5
7.5°	116.6	109.4	99.3	89.2	82.0	74.8	72.0	70.5	70.5	72.0	72.0
10°	113.7	106.5	93.6	82.0	73.4	64.8	60.4	56.1	56.1	56.1	57.6
12.5°	112.3	102.2	86.4	74.8	63.3	53.3	44.6	40.3	41.7	41.7	41.7
15°	109.4	97.9	82.0	67.6	53.3	40.3	33.1	28.8	30.2	31.7	30.2
17.5°	109.4	96.4	76.3	59.0	41.7	30.2	24.5	21.6	21.6	23.0	23.0
20°	109.4	93.6	72.0	50.4	31.7	23.0	17.3	15.8	15.8	18.7	20.1
22.5°	112.3	93.6	66.2	41.7	25.9	17.3	13.0	11.5	13.0	15.8	17.3
25°	116.6	92.1	60.4	37.4	21.6	13.0	10.1	7.2	8.6	11.5	13.0
27.5°	120.9	90.7	54.7	33.1	17.3	10.1	7.2	5.8	4.3	5.8	5.8
30°	125.2	90.7	48.9	27.3	14.4	7.2	4.3	2.9	1.4	0.0	0.0
32.5°	128.1	87.8	44.6	21.6	11.5	5.8	2.9	1.4	0.0	0.0	0.0
35°	131.0	84.9	38.9	17.3	8.6	4.3	1.4	0.0	0.0	0.0	0.0
37.5°	133.9	80.6	33.1	14.4	7.2	2.9	0.0	0.0	0.0	0.0	0.0
40°	136.7	74.8	27.3	13.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	139.6	70.5	23.0	10.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	146.8	67.6	18.7	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	159.8	64.8	17.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	178.5	61.9	15.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	204.4	60.4	14.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	250.4	59.0	13.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	329.6	57.6	13.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	505.2	54.7	13.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	902.4	53.3	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1573.1	54.7	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2255.3	57.6	10.1	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	1930.1	50.4	10.1	5.8	2.9	1.4	0.0	0.0	0.0	0.0	0.0
71°	1573.1	44.6	10.1	5.8	2.9	1.4	1.4	0.0	0.0	0.0	0.0
72.5°	1011.8	34.5	8.6	5.8	2.9	2.9	1.4	0.0	0.0	0.0	0.0
75°	427.5	28.8	8.6	5.8	4.3	2.9	2.9	1.4	0.0	0.0	0.0
77.5°	182.8	21.6	8.6	7.2	5.8	4.3	4.3	2.9	1.4	0.0	0.0
80°	69.1	17.3	10.1	8.6	7.2	7.2	5.8	2.9	1.4	0.0	0.0
82.5°	31.7	14.4	10.1	8.6	8.6	7.2	5.8	4.3	2.9	0.0	0.0
85°	20.1	13.0	10.1	8.6	8.6	7.2	7.2	4.3	2.9	0.0	0.0
87.5°	15.8	13.0	10.1	10.1	8.6	8.6	5.8	4.3	1.4	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

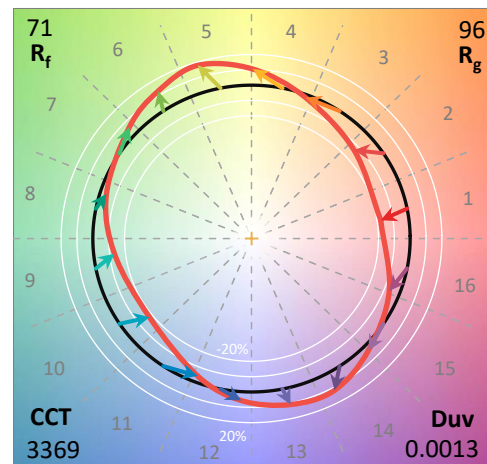
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

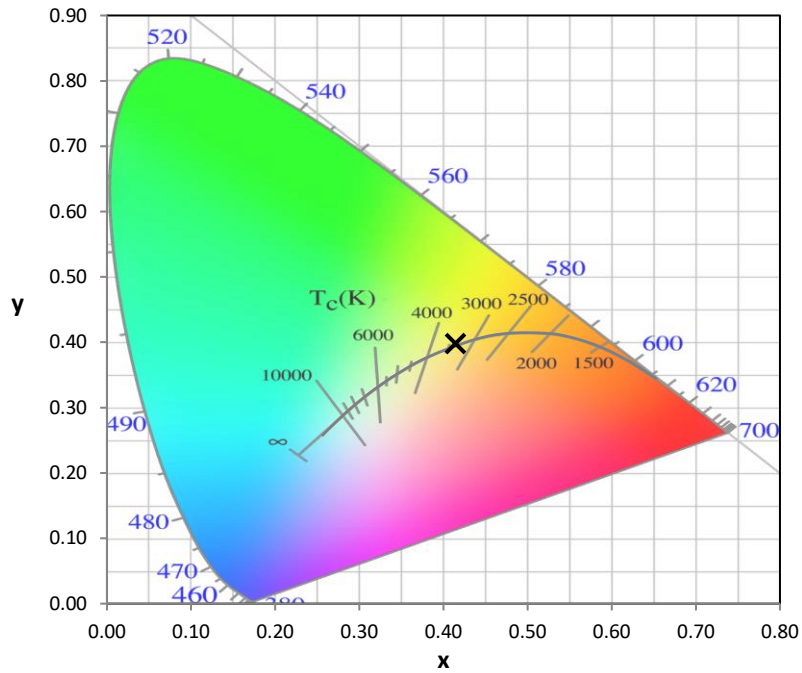
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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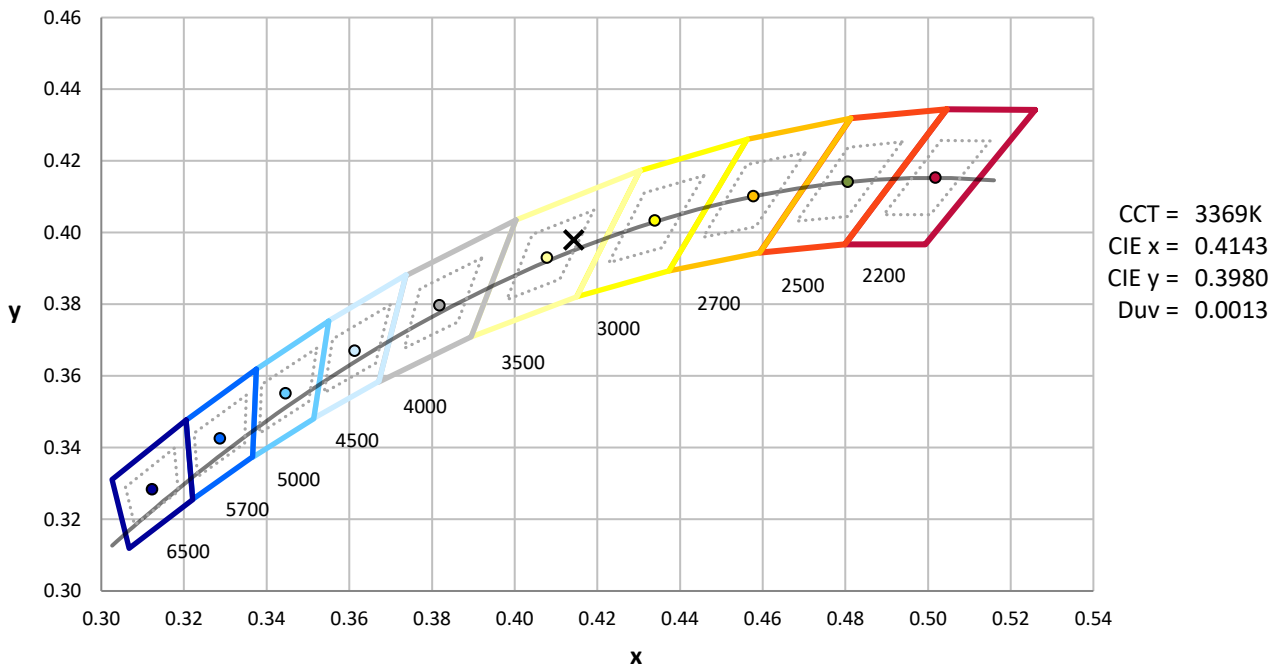
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



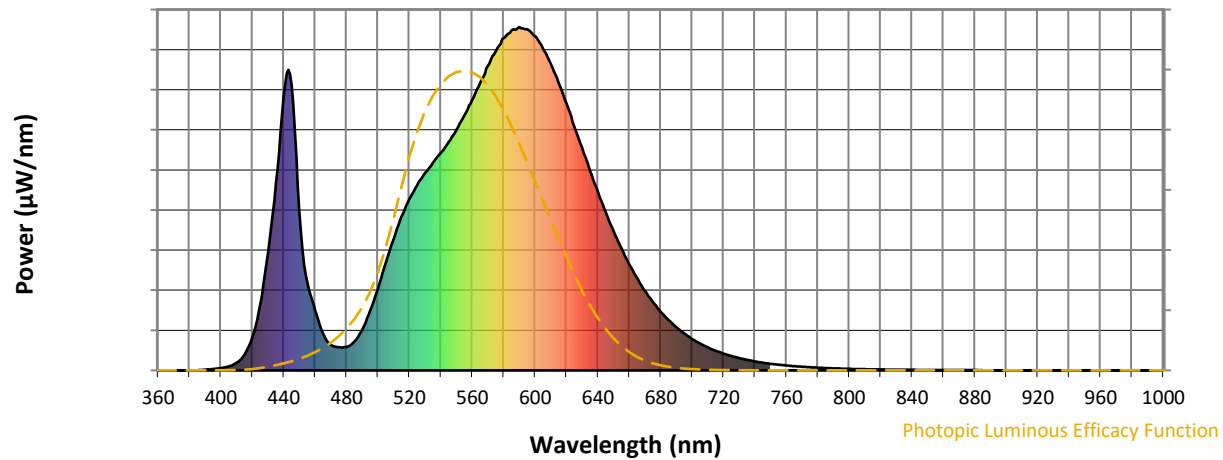
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

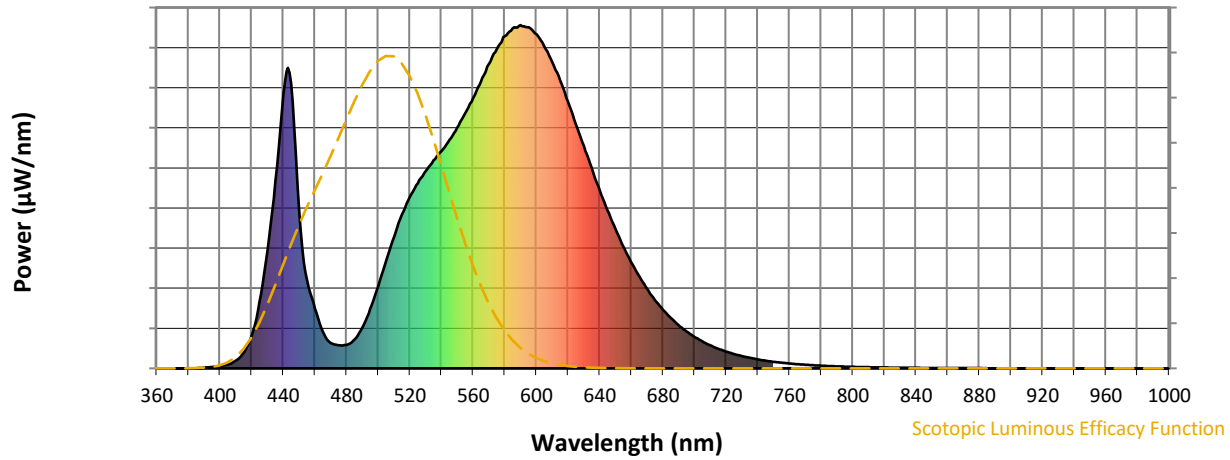


Photopic Lumens: NR

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

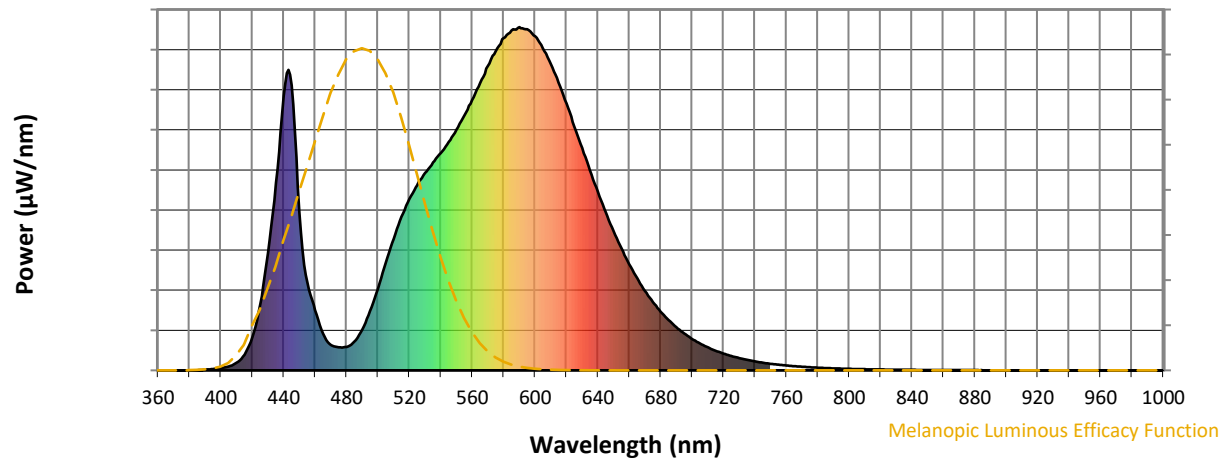


Scotopic Lumens: NR

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

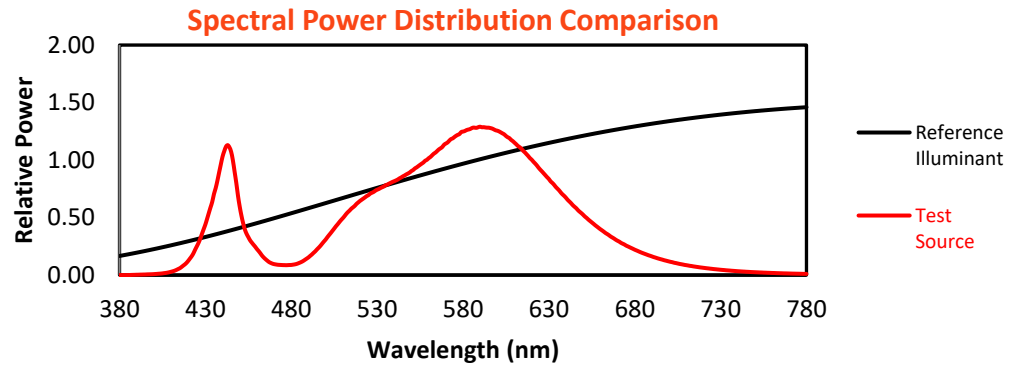
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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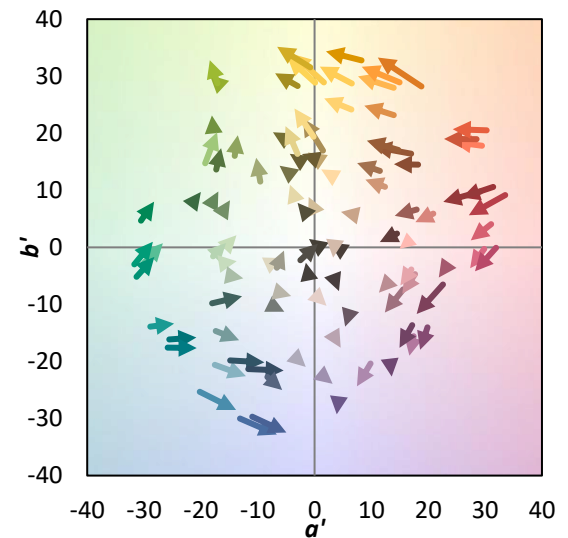
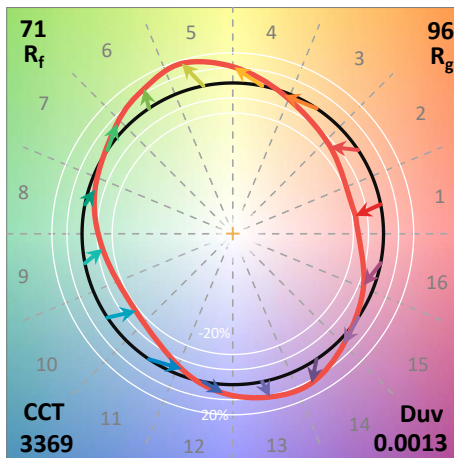
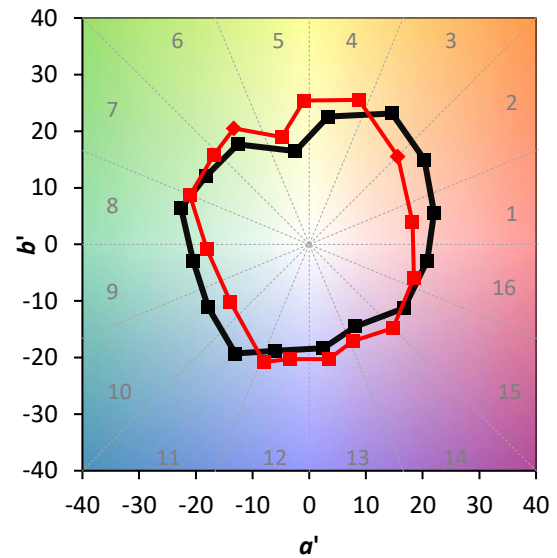
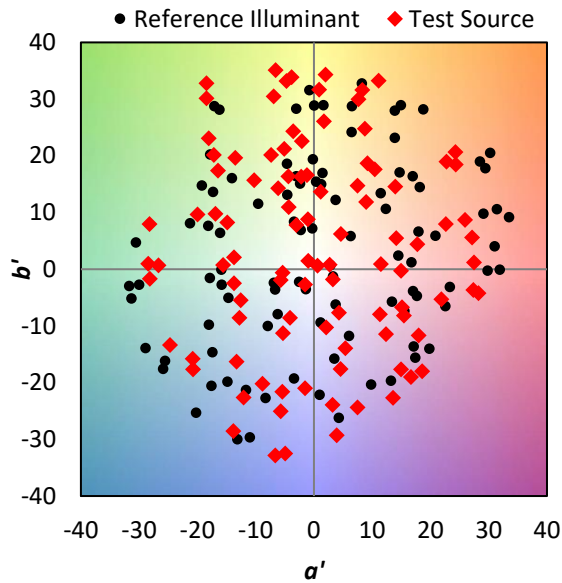
TM-30-18

Summary

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

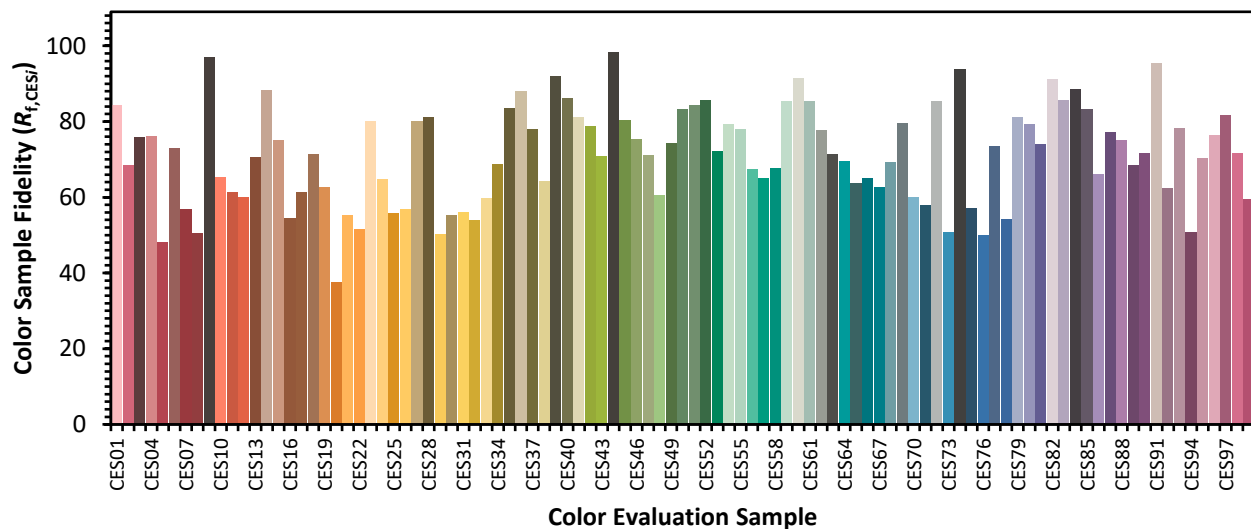


Color Vector Graphics

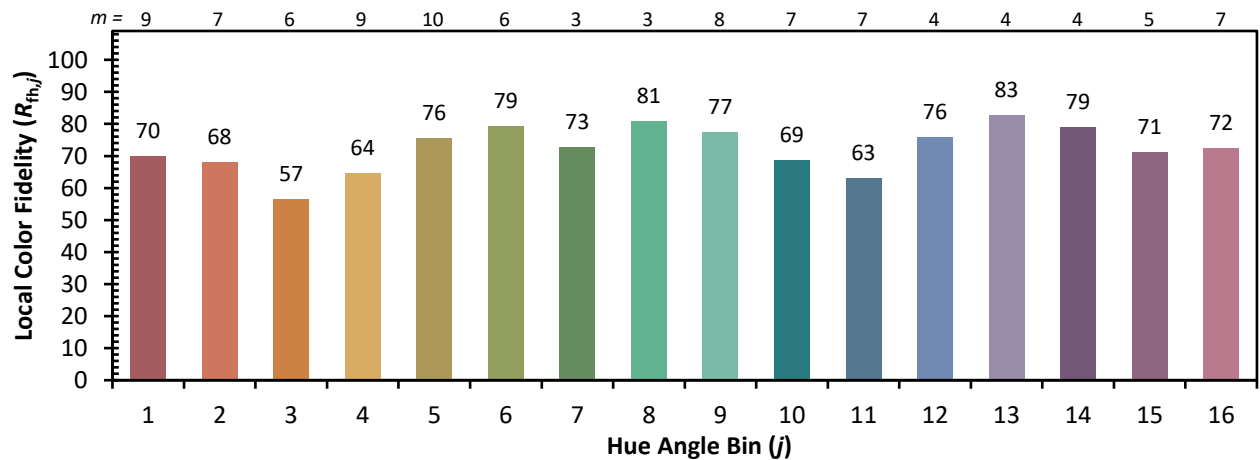
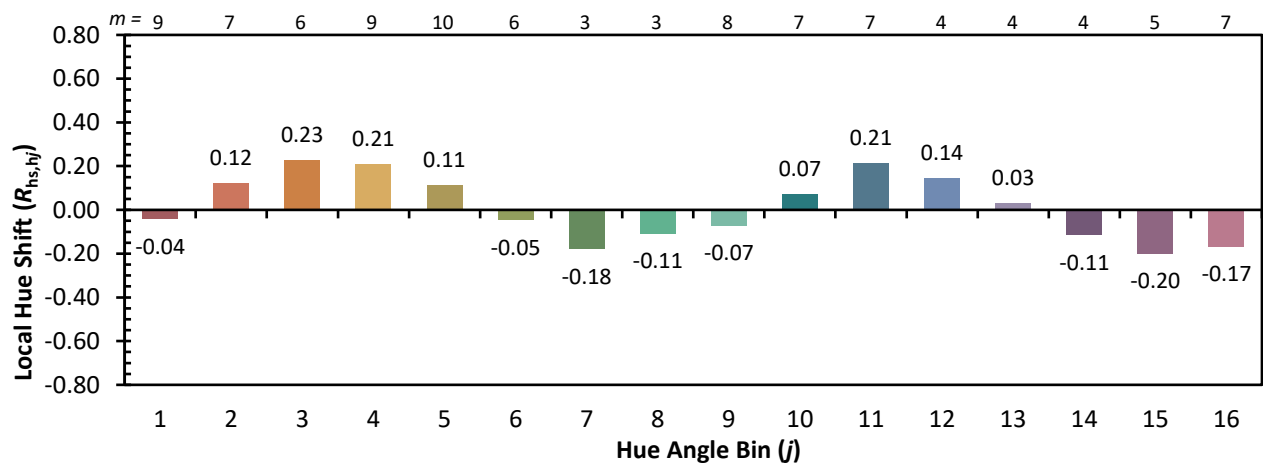
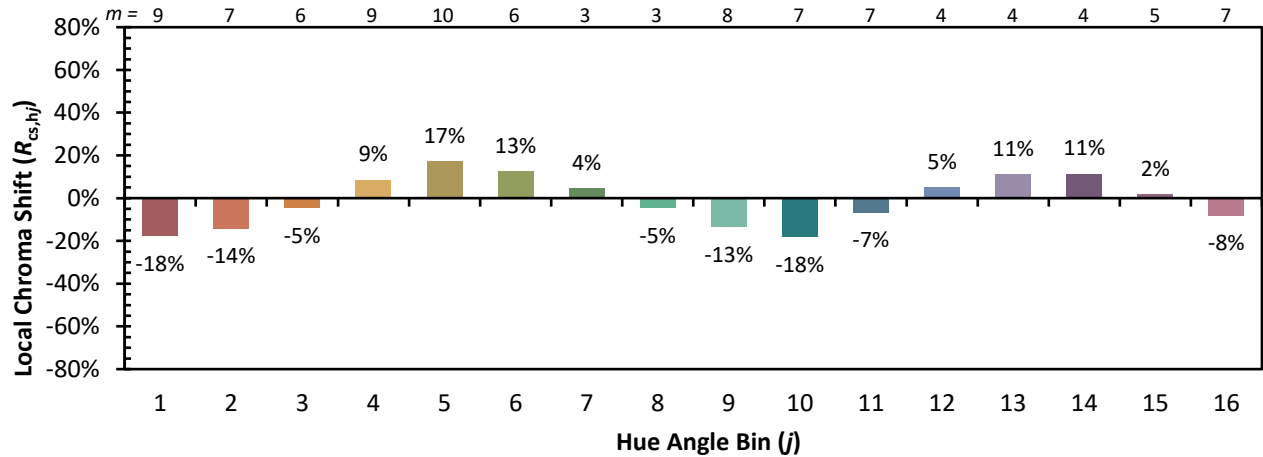


Individual Sample Fidelity Index ($R_{f,i}$)

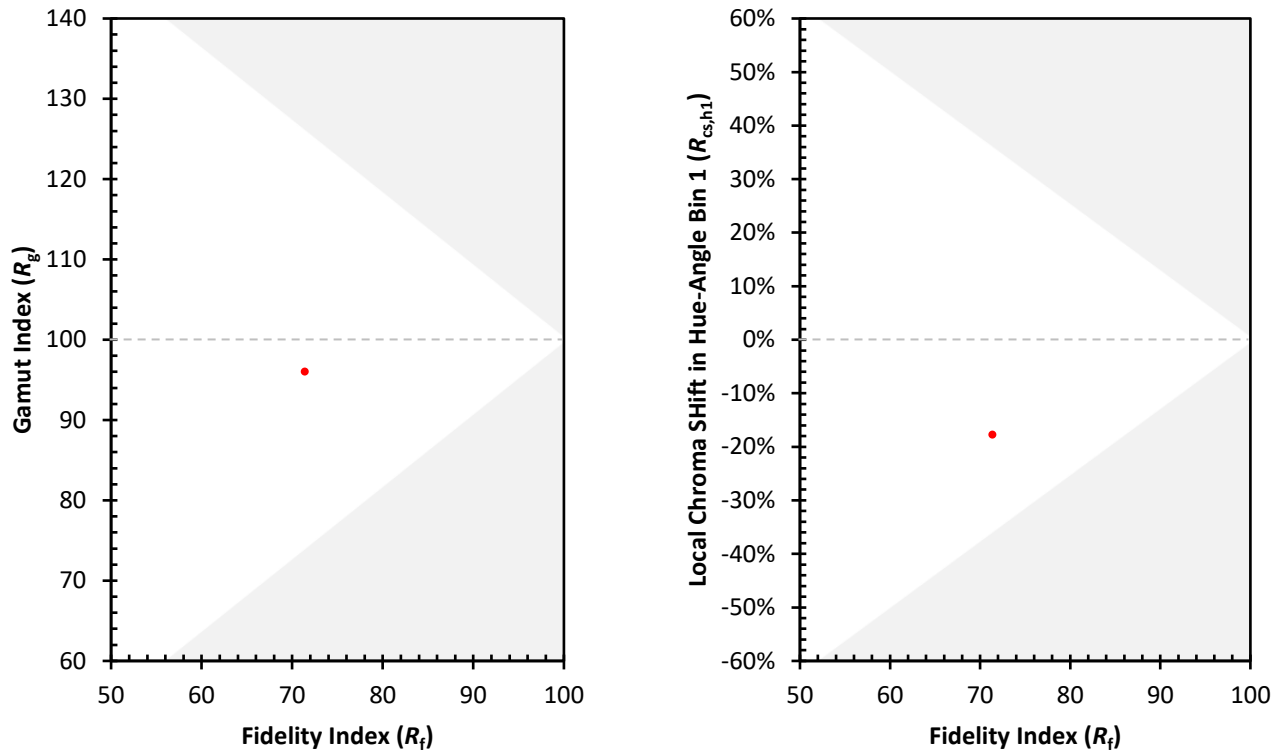
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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