Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1704728

Luminaire Tested: GSS-SB1A-AMB-U-SL4-HSS

Issue Date: 10/28/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1704728
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-AMB-U-SL4-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T4 SPILL CONTROL DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1424.6 lumens
Efficiency:	N/A
Efficacy:	39.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G1

Input Watts (W):	35.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

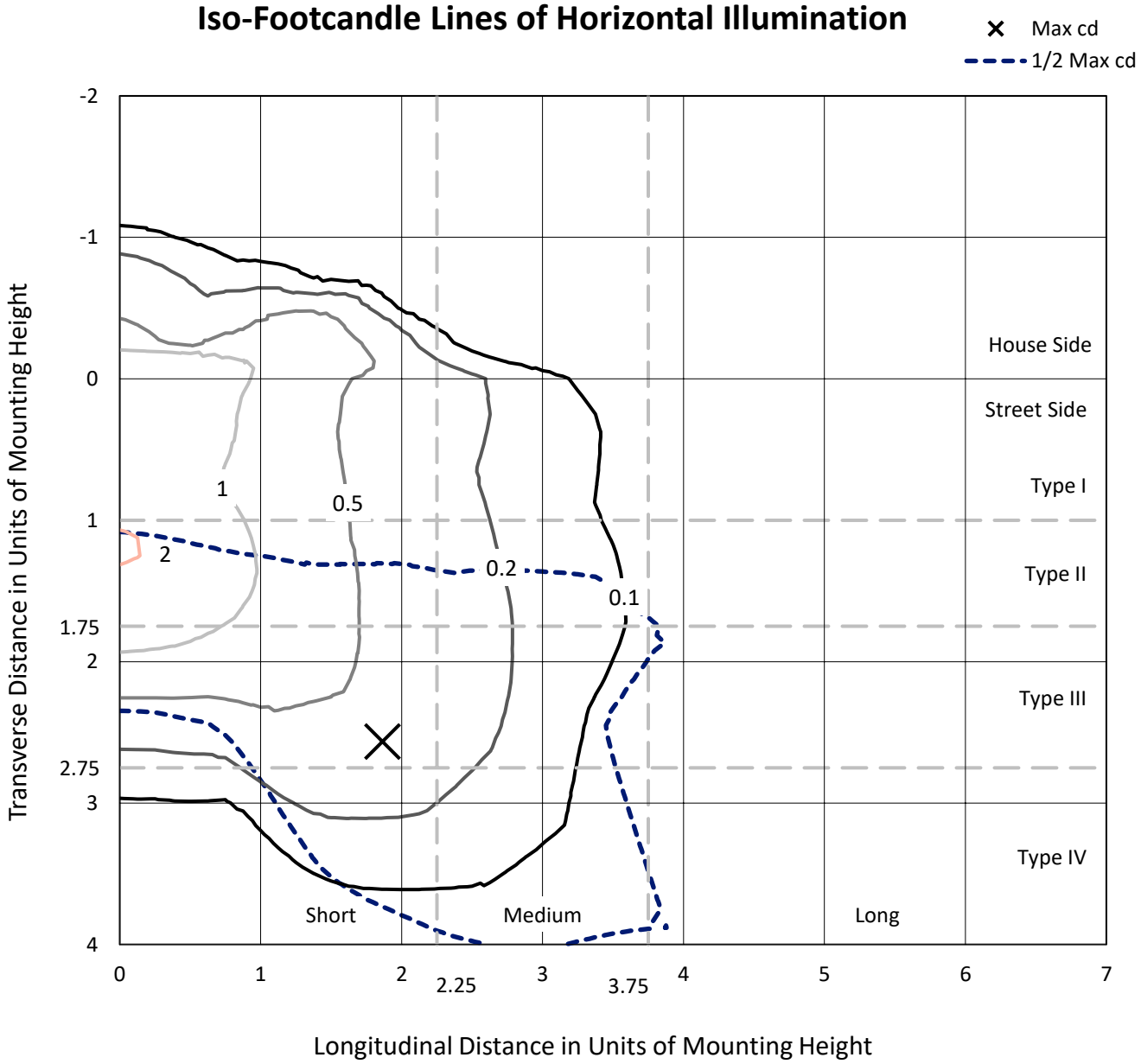


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REPORT NUMBER: P1704728
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Iso-Footcandle Lines of Horizontal Illumination



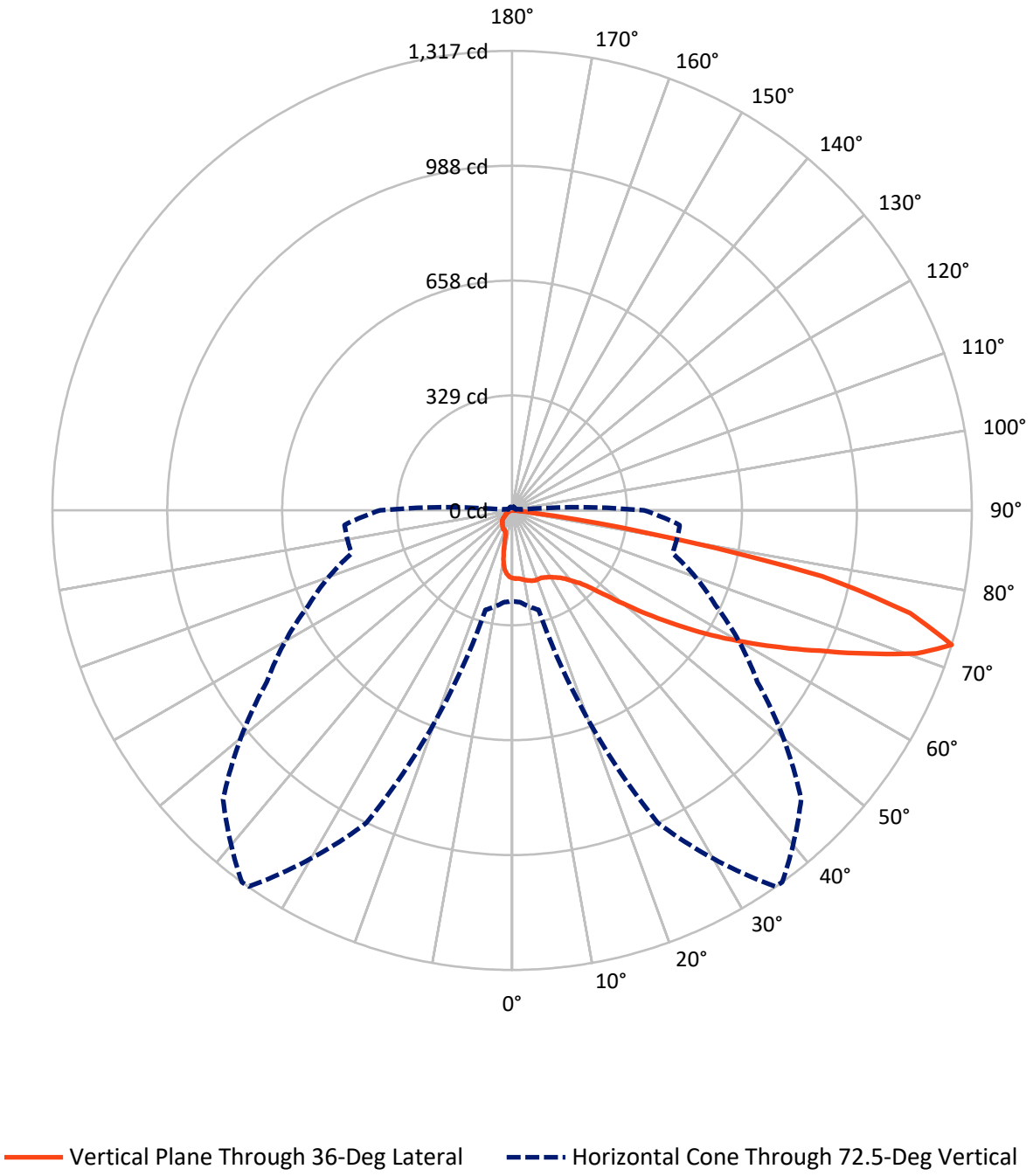
Based on 10 foot mounting height. Maximum calculated value = 2.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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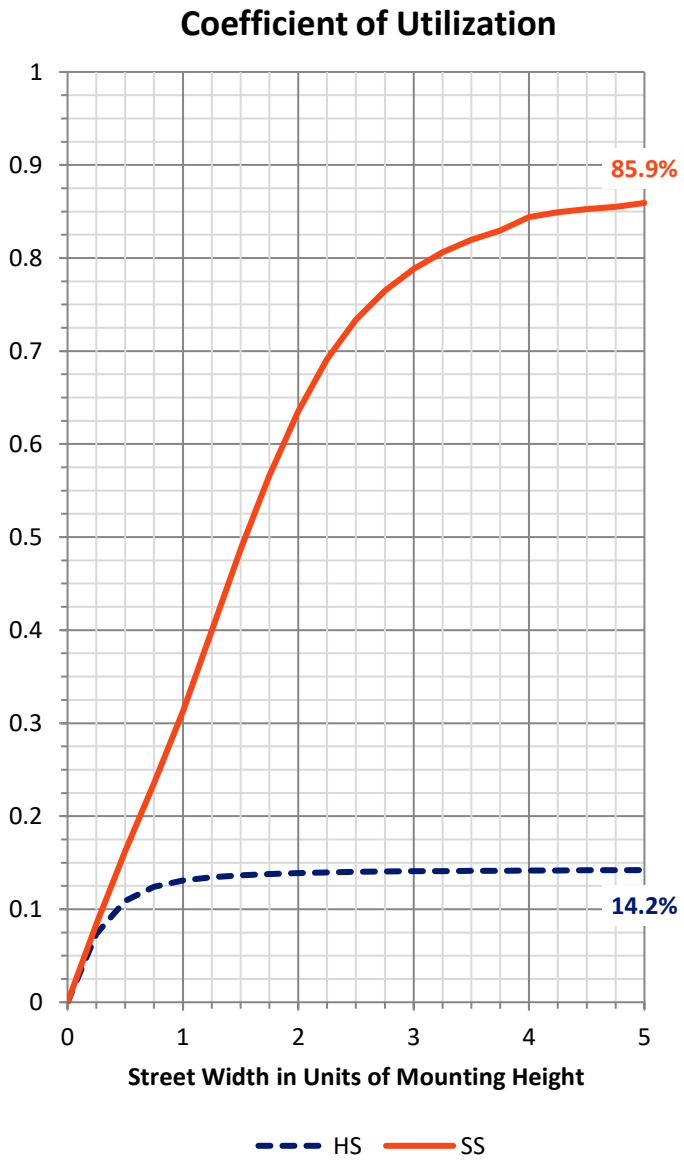
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	204.6	0.0	204.6
	% Fixture	14.4	0.0	14.4
Street Side	Lumens	1220.1	0.0	1220.1
	% Fixture	85.6	0.0	85.6
Total	Lumens	1424.6	0.0	1424.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	1.3
10°-20°	47.4	3.3
20°-30°	73.8	5.2
30°-40°	105.7	7.4
40°-50°	171.6	12.0
50°-60°	299.8	21.0
60°-70°	381.6	26.8
70°-80°	307.8	21.6
80°-90°	19.0	1.3
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°	1424.6	100.0
0°-180°	1424.6	100.0



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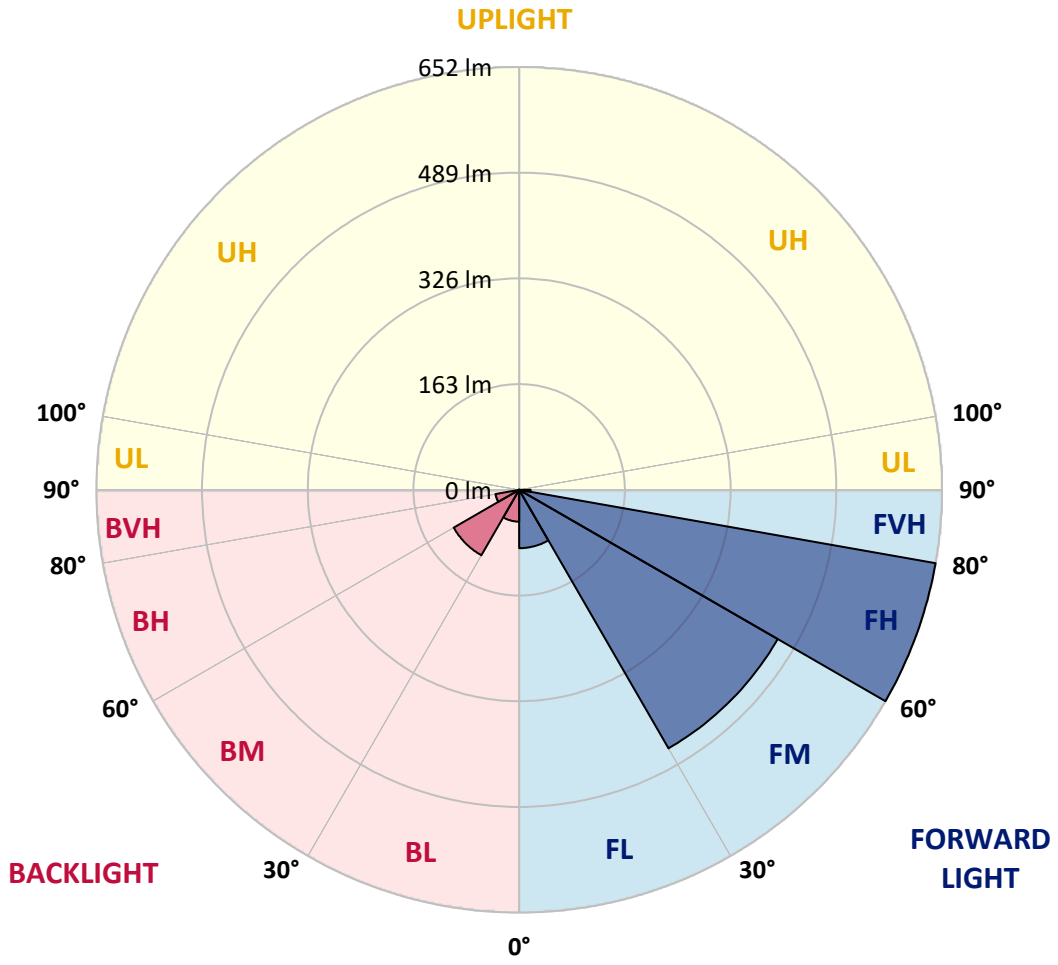
Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	90.0	6.3			
FM	(30°-60°)	460.4	32.3			
FH	(60°-80°)	652.2	45.8			G0/660
FVH	(80°-90°)	17.4	1.2			G1/100
BL	(0°-30°)	49.1	3.4	B0/110		
BM	(30°-60°)	116.7	8.2	B0/220		
BH	(60°-80°)	37.2	2.6	B0/110		G0/110
BVH	(80°-90°)	1.6	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
2.5°	198.0	196.0	195.0	195.0	195.0	196.0	195.0	195.0	194.0	193.0	193.0
5°	200.0	199.0	198.0	198.0	197.0	196.0	197.0	195.0	195.0	195.0	195.0
7.5°	203.0	202.0	201.0	200.0	199.0	199.0	199.0	198.0	197.0	197.0	196.0
10°	206.0	207.0	204.0	203.0	202.0	203.0	202.0	201.0	200.0	199.0	198.0
12.5°	213.0	211.0	209.0	207.0	205.0	206.0	207.0	205.0	205.0	205.0	202.0
15°	217.0	217.0	213.0	211.0	209.0	209.0	208.0	208.0	209.0	209.0	207.0
17.5°	218.0	215.0	212.0	211.0	212.0	211.0	210.0	210.0	213.0	213.0	213.0
20°	215.0	214.0	210.0	209.0	210.0	211.0	212.0	213.0	215.0	218.0	219.0
22.5°	216.0	214.0	210.0	208.0	209.0	210.0	213.0	216.0	217.0	220.0	223.0
25°	225.0	223.0	216.0	212.0	212.0	213.0	217.0	219.0	218.0	222.0	228.0
27.5°	234.0	233.0	223.0	218.0	219.0	217.0	220.0	220.0	221.0	223.0	230.0
30°	247.0	245.0	234.0	227.0	223.0	222.0	225.0	225.0	225.0	223.0	231.0
32.5°	267.0	262.0	249.0	236.0	229.0	229.0	230.0	231.0	227.0	223.0	232.0
35°	283.9	280.9	267.0	249.0	236.0	237.0	237.0	235.0	230.0	225.0	232.0
37.5°	318.9	312.9	291.9	268.0	250.0	249.0	243.0	241.0	235.0	226.0	231.0
40°	370.9	361.9	334.9	294.9	266.0	266.0	254.0	249.0	240.0	229.0	234.0
42.5°	434.9	431.9	394.9	336.9	286.9	284.9	266.0	256.0	246.0	233.0	237.0
45°	535.9	526.9	480.9	398.9	318.9	315.9	281.9	267.0	253.0	241.0	242.0
47.5°	667.9	646.9	582.9	476.9	369.9	364.9	309.9	281.9	265.0	253.0	252.0
50°	792.9	772.9	691.9	563.9	435.9	427.9	356.9	302.9	279.9	266.0	264.0
52.5°	905.8	886.8	809.9	660.9	510.9	502.9	409.9	335.9	300.9	282.9	278.9
55°	975.8	954.8	898.8	758.9	594.9	584.9	466.9	373.9	328.9	302.9	300.9
57.5°	1027.8	1011.8	953.8	849.8	686.9	674.9	530.9	418.9	365.9	327.9	323.9
60°	1047.8	1026.8	994.8	919.8	779.9	765.9	599.9	470.9	406.9	357.9	349.9
62.5°	1055.8	1041.8	1021.8	974.8	873.8	864.8	674.9	531.9	455.9	389.9	381.9
65°	881.8	890.8	985.8	1052.8	978.8	969.8	769.9	606.9	507.9	404.9	388.9
67.5°	579.9	593.9	731.9	1082.8	1103.8	1093.8	879.8	685.9	519.9	412.9	425.9
70°	360.9	373.9	492.9	1067.8	1231.8	1228.8	1042.8	726.9	574.9	448.9	460.9
72.5°	260.0	264.0	294.9	987.8	1315.8	1316.8	1170.8	857.8	642.9	475.9	481.9
75°	177.0	181.0	211.0	811.9	1183.8	1177.8	1144.8	924.8	716.9	475.9	425.9
77.5°	47.0	49.0	64.0	445.9	855.8	907.8	946.8	498.9	633.9	311.9	193.0
80°	14.0	15.0	25.0	73.0	354.9	383.9	605.9	123.0	178.0	79.0	28.0
82.5°	6.0	6.0	16.0	24.0	52.0	57.0	117.0	26.0	52.0	17.0	8.0
85°	2.0	3.0	8.0	11.0	12.0	12.0	13.0	8.0	15.0	9.0	3.0
87.5°	0.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
2.5°	194.0	194.0	193.0	193.0	191.0	192.0	191.0	190.0	189.0	190.0	189.0
5°	193.0	193.0	191.0	190.0	187.0	185.0	183.0	182.0	180.0	180.0	181.0
7.5°	195.0	194.0	192.0	188.0	184.0	178.0	171.0	166.0	162.0	159.0	160.0
10°	197.0	196.0	192.0	186.0	177.0	165.0	147.0	131.0	122.0	117.0	117.0
12.5°	201.0	200.0	195.0	184.0	168.0	137.0	110.0	90.0	78.0	73.0	74.0
15°	205.0	204.0	198.0	182.0	144.0	101.0	72.0	67.0	68.0	68.0	69.0
17.5°	211.0	210.0	202.0	172.0	114.0	69.0	64.0	65.0	66.0	67.0	68.0
20°	217.0	216.0	208.0	155.0	81.0	62.0	62.0	63.0	64.0	66.0	66.0
22.5°	223.0	223.0	213.0	130.0	61.0	59.0	60.0	61.0	63.0	64.0	64.0
25°	229.0	231.0	213.0	100.0	57.0	57.0	59.0	60.0	61.0	63.0	63.0
27.5°	233.0	236.0	205.0	70.0	54.0	55.0	57.0	58.0	60.0	62.0	62.0
30°	237.0	242.0	192.0	56.0	52.0	52.0	54.0	56.0	58.0	61.0	61.0
32.5°	241.0	248.0	179.0	55.0	50.0	50.0	52.0	54.0	57.0	59.0	60.0
35°	243.0	255.0	168.0	62.0	48.0	48.0	49.0	51.0	55.0	58.0	58.0
37.5°	244.0	262.0	161.0	75.0	49.0	46.0	46.0	48.0	51.0	55.0	56.0
40°	248.0	271.0	159.0	95.0	54.0	45.0	45.0	45.0	47.0	51.0	52.0
42.5°	251.0	277.9	166.0	106.0	61.0	43.0	42.0	41.0	41.0	44.0	44.0
45°	258.0	288.9	206.0	110.0	66.0	41.0	39.0	36.0	35.0	36.0	36.0
47.5°	267.0	305.9	281.9	114.0	64.0	39.0	35.0	31.0	30.0	30.0	31.0
50°	276.9	335.9	368.9	123.0	59.0	37.0	30.0	27.0	27.0	27.0	27.0
52.5°	295.9	377.9	420.9	117.0	53.0	32.0	26.0	24.0	24.0	24.0	24.0
55°	315.9	421.9	421.9	87.0	47.0	28.0	23.0	23.0	23.0	22.0	22.0
57.5°	340.9	463.9	366.9	57.0	39.0	24.0	21.0	21.0	21.0	20.0	20.0
60°	374.9	473.9	267.0	40.0	28.0	21.0	20.0	20.0	19.0	18.0	18.0
62.5°	414.9	419.9	147.0	26.0	21.0	18.0	18.0	18.0	17.0	15.0	15.0
65°	419.9	279.9	55.0	19.0	17.0	16.0	16.0	16.0	14.0	12.0	12.0
67.5°	440.9	183.0	20.0	16.0	15.0	14.0	14.0	14.0	12.0	11.0	10.0
70°	420.9	76.0	14.0	13.0	12.0	11.0	12.0	12.0	11.0	9.0	9.0
72.5°	*377.9*	*28.0*	*11.0*	*11.0*	*10.0*	*9.0*	*10.0*	*11.0*	*9.0*	*8.0*	*8.0*
75°	270.0	12.0	8.0	8.0	7.0	7.0	8.0	9.0	8.0	7.0	7.0
77.5°	100.0	8.0	7.0	6.0	5.0	6.0	7.0	7.0	6.0	6.0	5.0
80°	20.0	6.0	5.0	4.0	4.0	5.0	6.0	6.0	5.0	5.0	5.0
82.5°	6.0	4.0	4.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	3.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0
87.5°	2.0	2.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP3-2509-541-1

Test Date: 09/16/2025

Luminaire Tested: GALN-SA1A-AMB-U-T3BC

Data in this report applies to families of products including GALN-SA1A*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

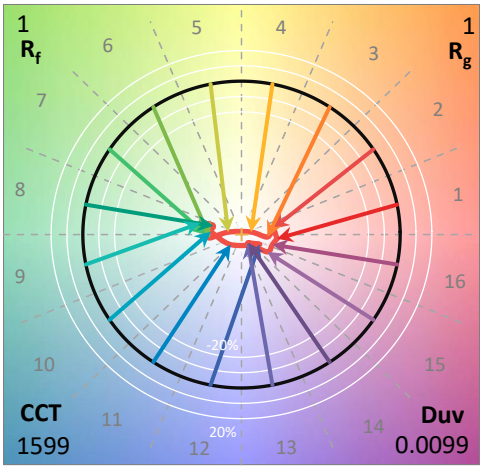
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2509-541-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	10/02/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GALN-SA1A-AMB-U-T3BC**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) AMBER, 615MA LIGHTSQUARES TYPE III ROADWAY OPTICS WITH ANGLED BACKLIGHT CONTROL HEATSINK

Spectral Parameters

CCT (K):	1599
CIE u':	0.3452
CIE v':	0.5480
Duv:	0.0099
CIE x:	0.5859
CIE y:	0.4133
CIE z:	0.0008
Peak Wavelength (nm):	596
Dominant Wavelength (nm):	591
Purity:	99.94224
Rf:	1.2
Rg:	0.9

CRI (Ra):	-22.7				
R1:	-36.4	R9:	-395.3		
R2:	50.8	R10:	26.0		
R3:	18.3	R11:	-97.2		
R4:	-69.1	R12:	-14.1		
R5:	-41.9	R13:	-17.6		
R6:	38.5	R14:	46.4		
R7:	-6.7	R15:	-69.4		
R8:	-135.4				



Test Conditions

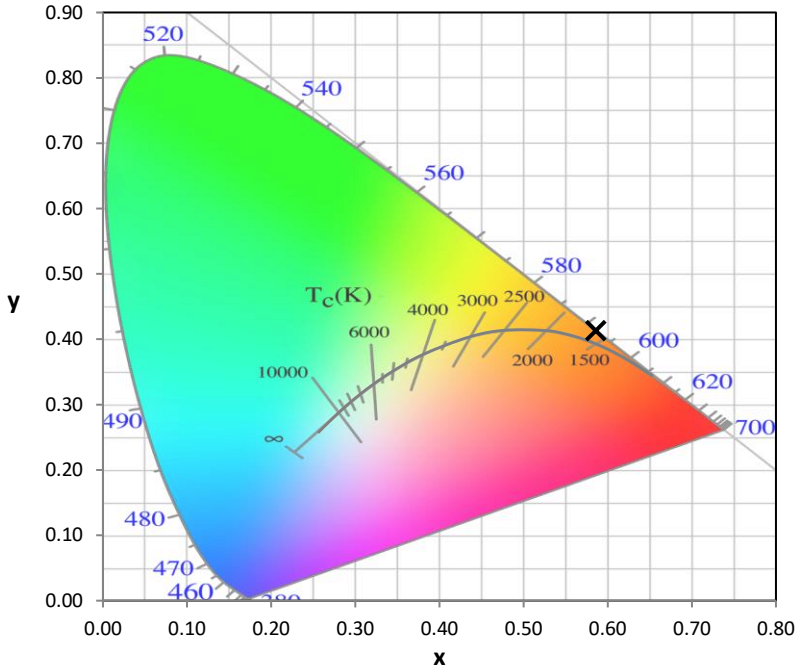
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

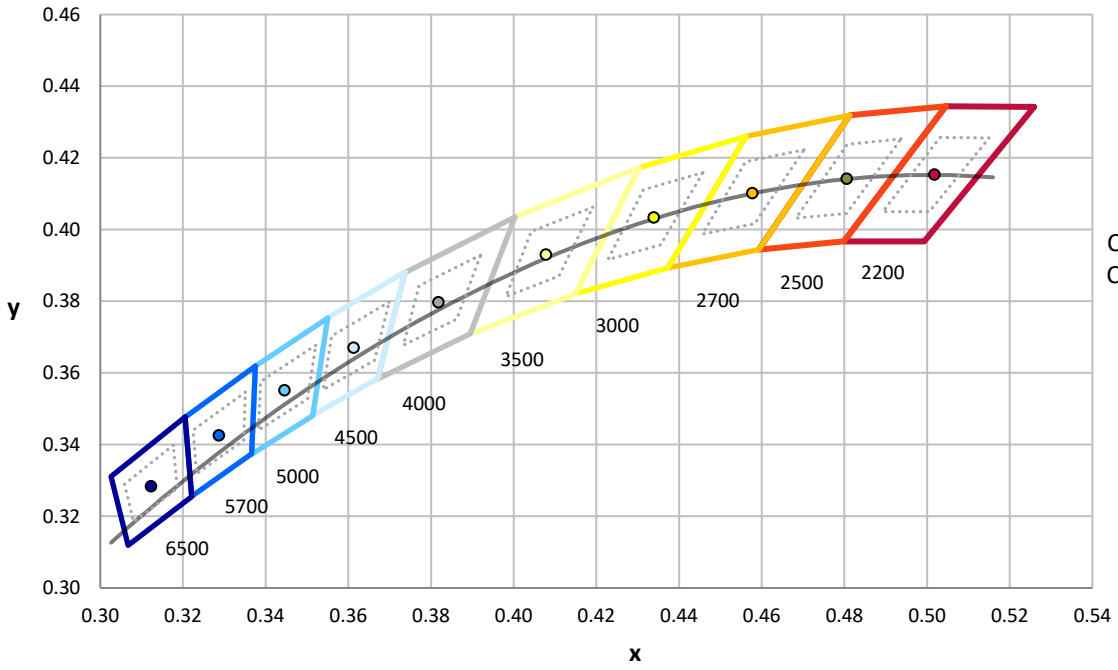
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024	10/22/2025
Sphere Thermometer	TANDD IN4036E	10/22/2024	10/22/2025

REPORT NUMBER: SP3-2509-541-1

CIE 1931 Chromaticity Diagram



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

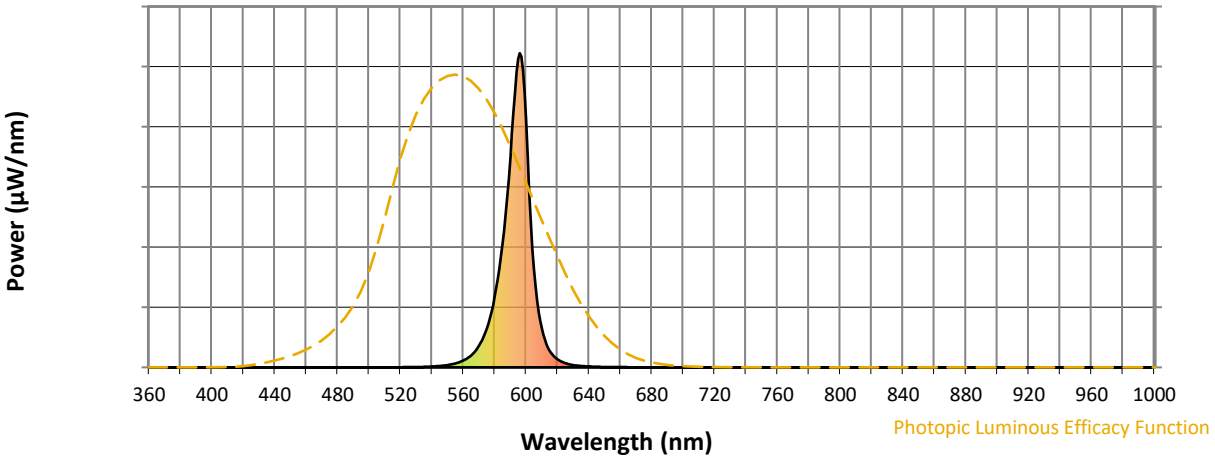


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

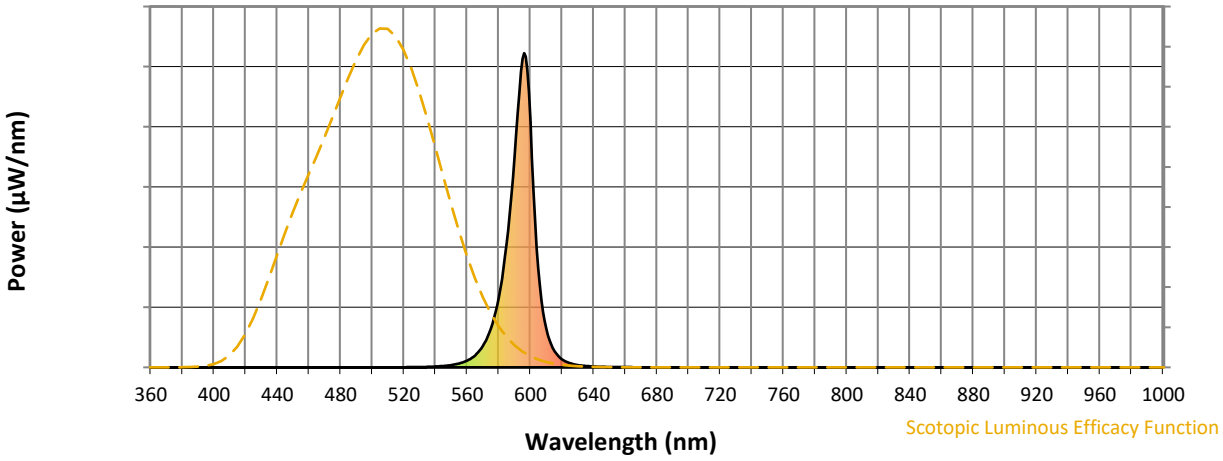


Photopic Lumens: NR

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

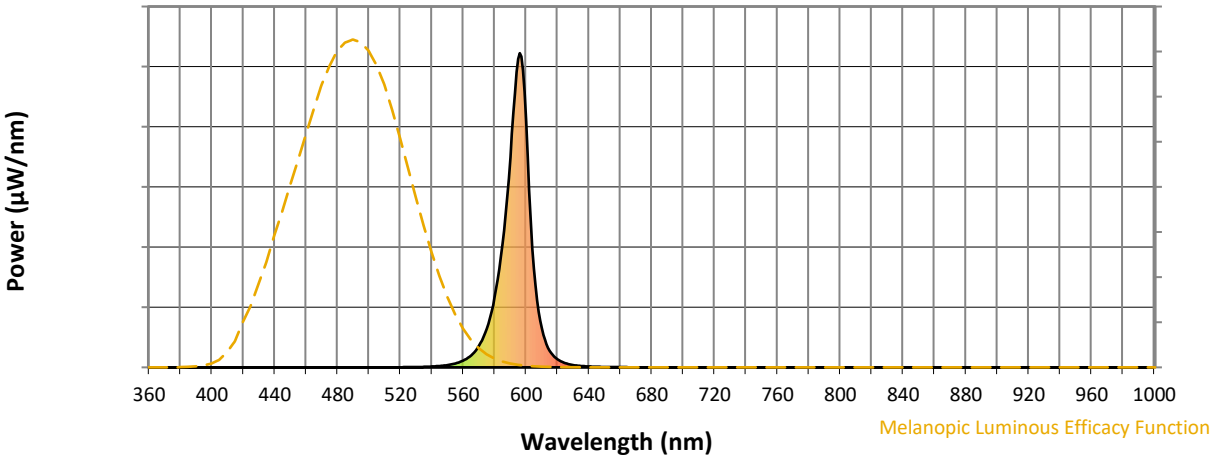


Scotopic Lumens: NR **S/P: 0.23**

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 0.13**

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

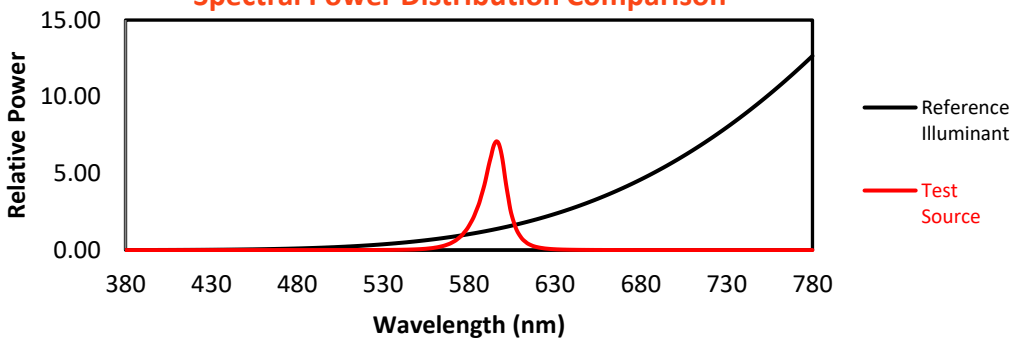
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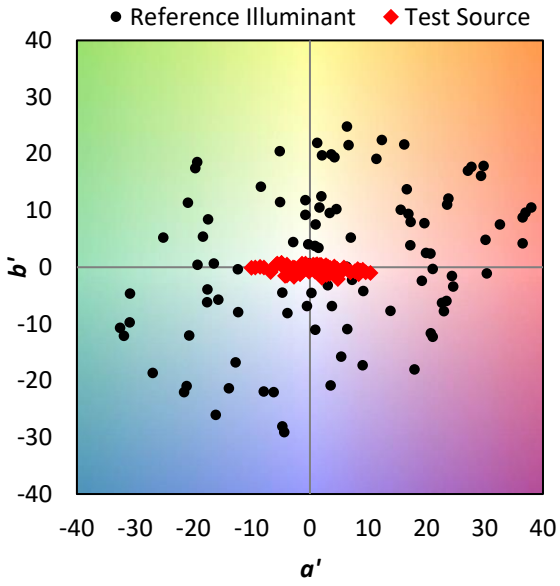
Summary

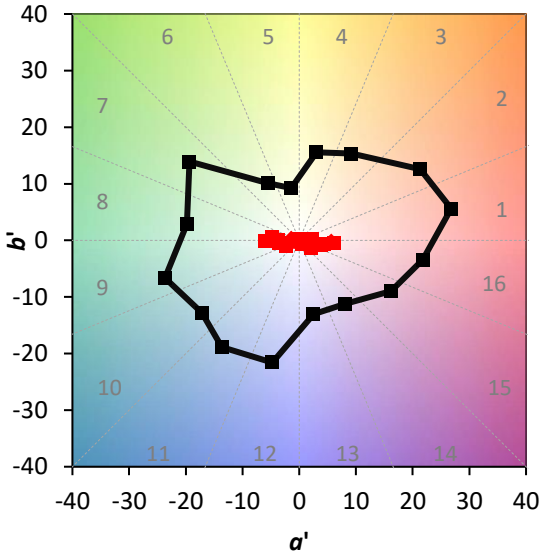
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

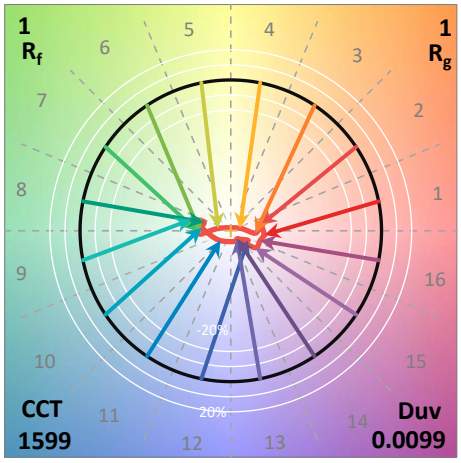
Spectral Power Distribution Comparison

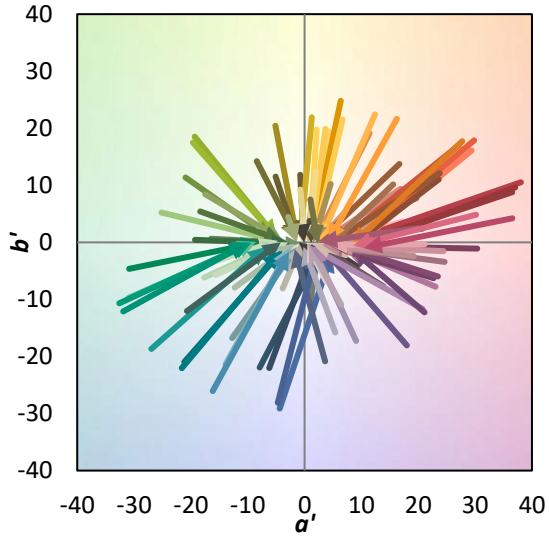


Color Vector Graphics







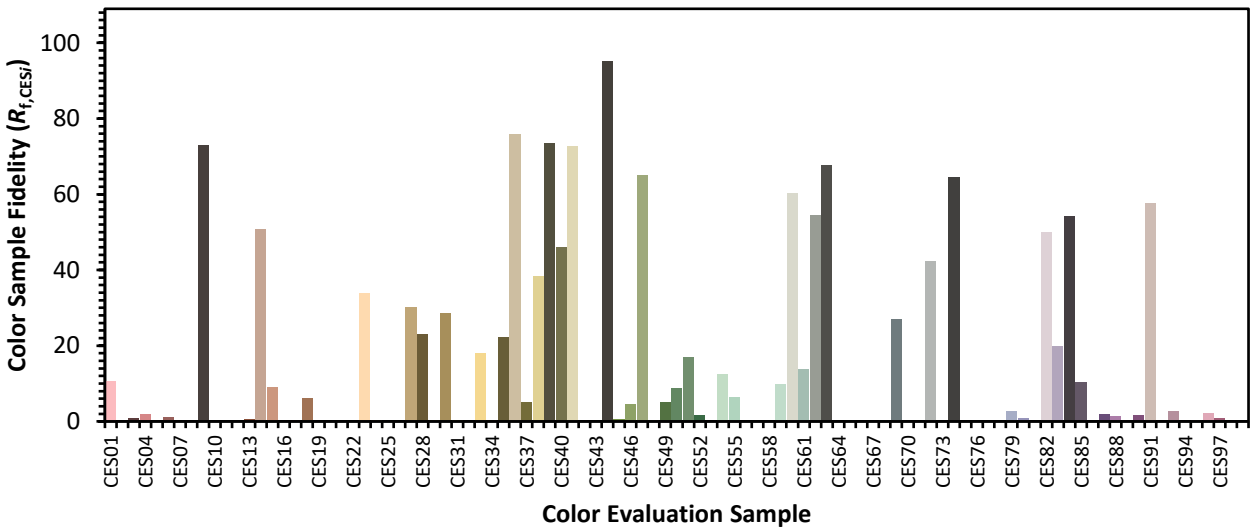


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Individual Sample Fidelity Index ($R_{f,i}$)

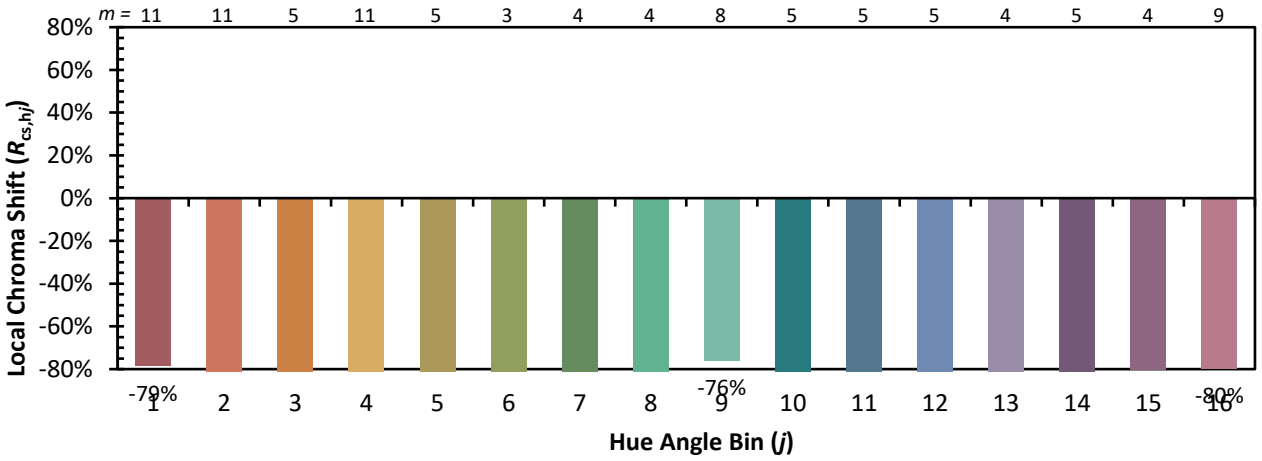
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 = 38	CES33 = 18	CES58 = 0	CES83 = 20
CES09 = 29	CES34 = 0	CES59 = 10	CES84 = 54
CES10 = 87	CES35 = 22	CES60 = 60	CES85 = 10
CES11 = 70	CES36 = 76	CES61 = 14	CES86 = 0
CES12 = 75	CES37 = 5	CES62 = 55	CES87 = 2
CES13 = 46	CES38 = 38	CES63 = 68	CES88 = 1
CES14 = 76	CES39 = 73	CES64 = 0	CES89 = 0
CES15 = 74	CES40 = 46	CES65 = 0	CES90 = 2
CES16 = 49	CES41 = 73	CES66 = 0	CES91 = 58
CES17 = 56	CES42 = 0	CES67 = 0	CES92 = 0
CES18 = 59	CES43 = 0	CES68 = 0	CES93 = 3
CES19 = 80	CES44 = 95	CES69 = 27	CES94 = 0
CES20 = 71	CES45 = 1	CES70 = 0	CES95 = 0
CES21 = 94	CES46 = 5	CES71 = 0	CES96 = 2
CES22 = 86	CES47 = 65	CES72 = 42	CES97 = 1
CES23 = 94	CES48 = 0	CES73 = 0	CES98 = 0
CES24 = 95	CES49 = 5	CES74 = 65	CES99 = 0
CES25 = 79	CES50 = 9	CES75 = 0	

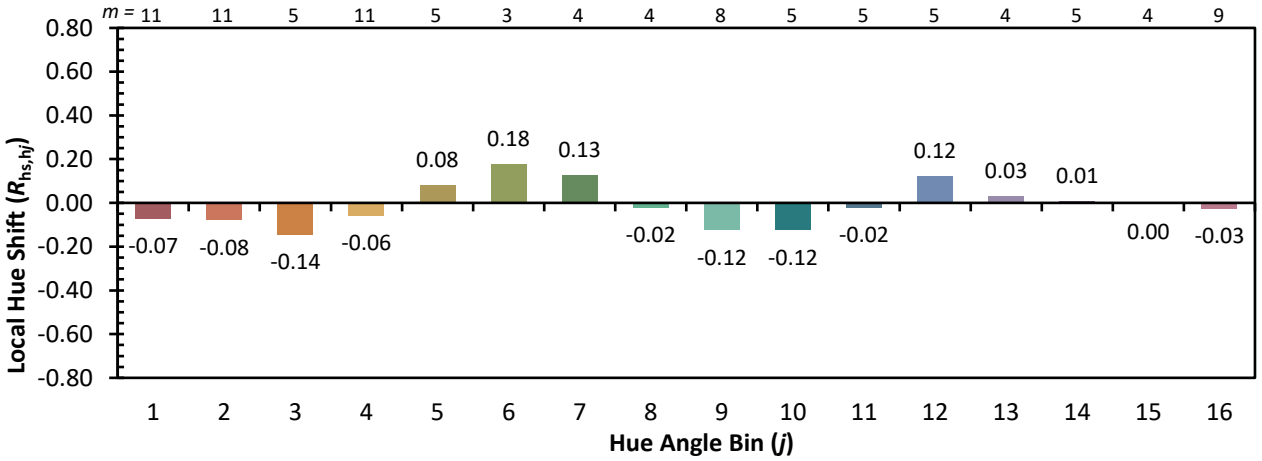


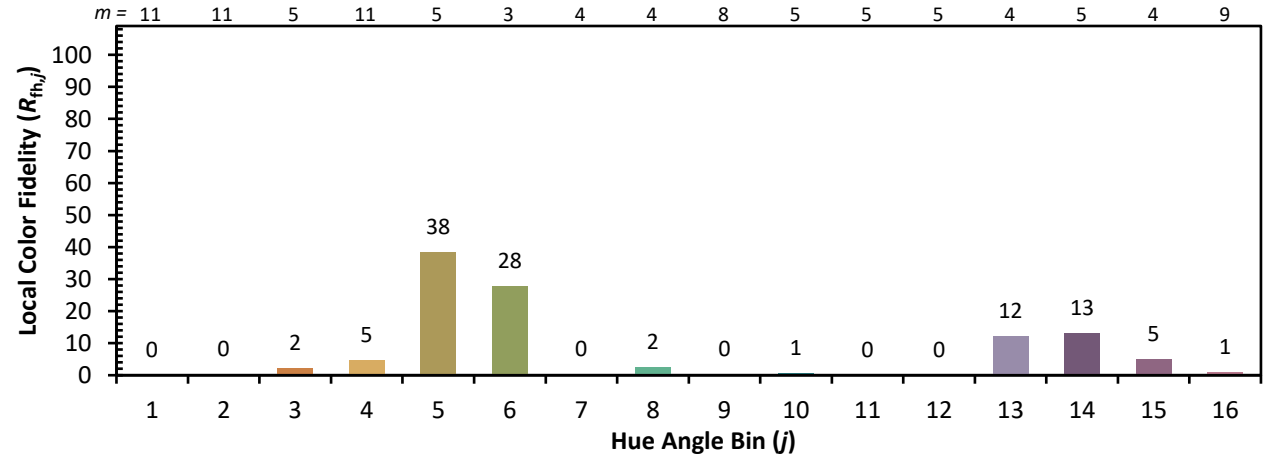
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Color Rendition by Hue-Angle Bin



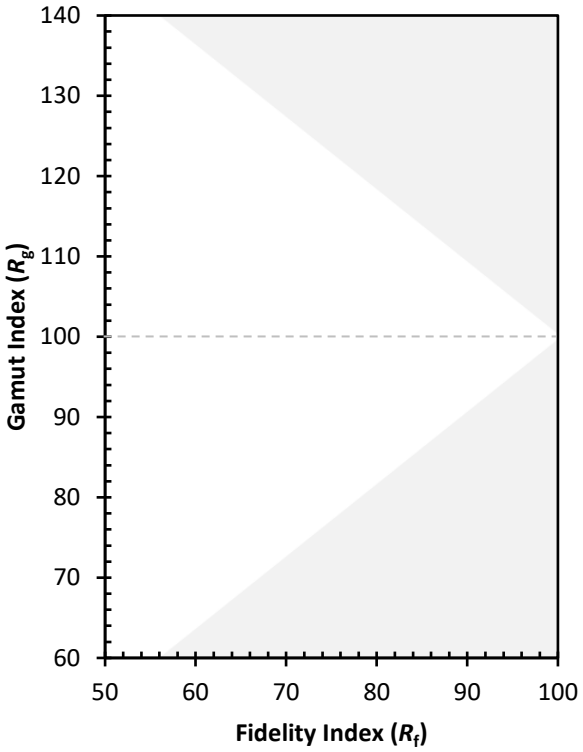


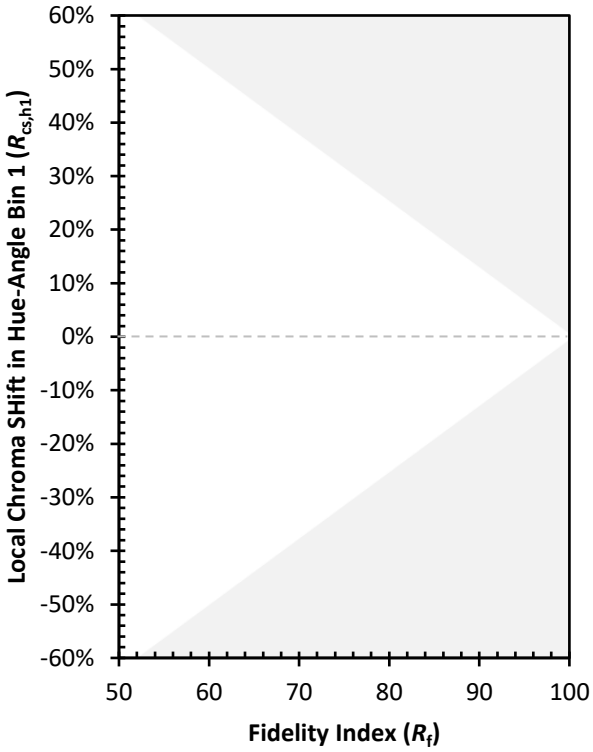


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Measure Comparisons





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