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-T4FT-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-T4FT-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T4 FORWARD THROW 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:	1541.6 lumens
Efficiency:	N/A
Efficacy:	42.9 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

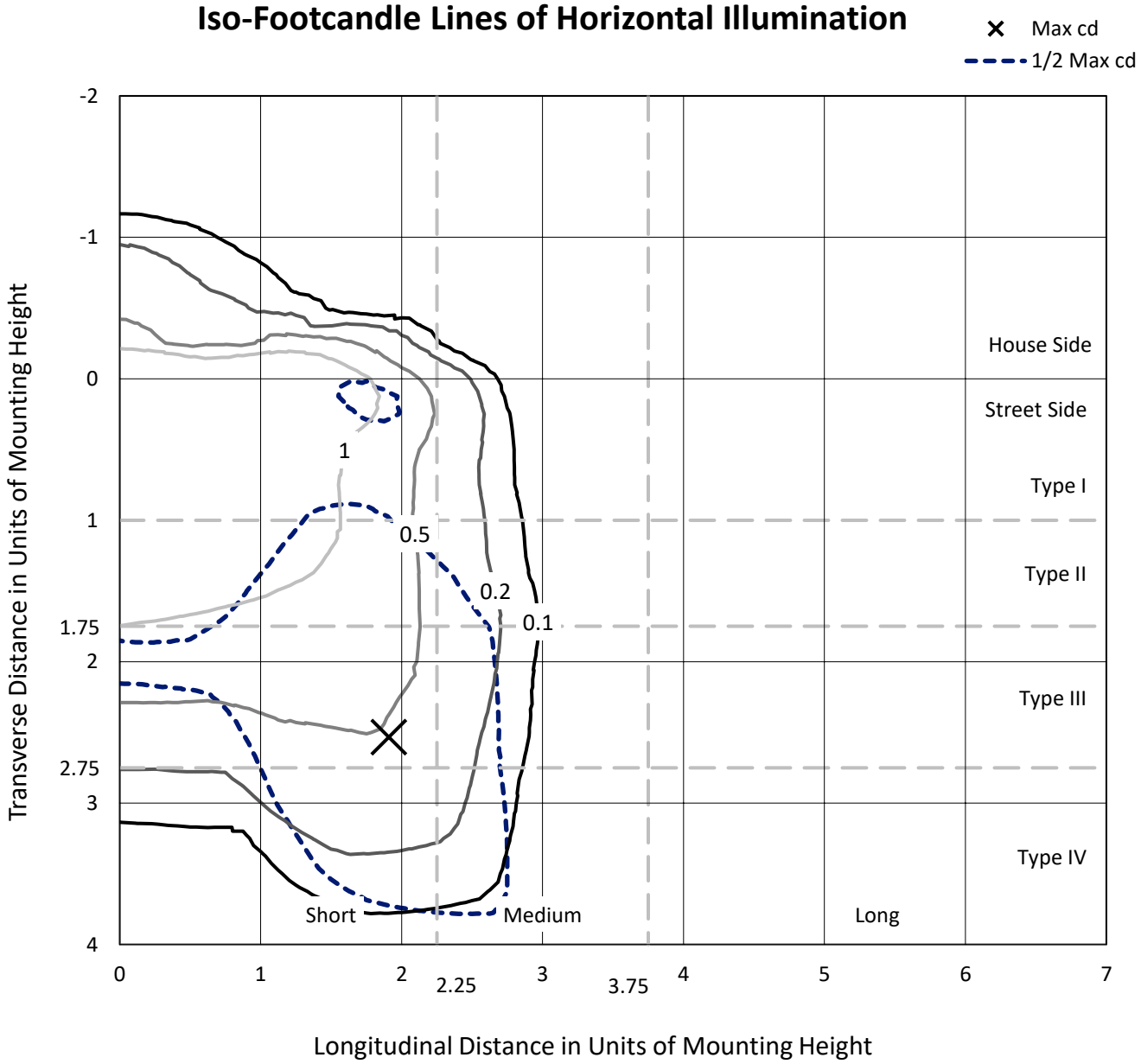


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



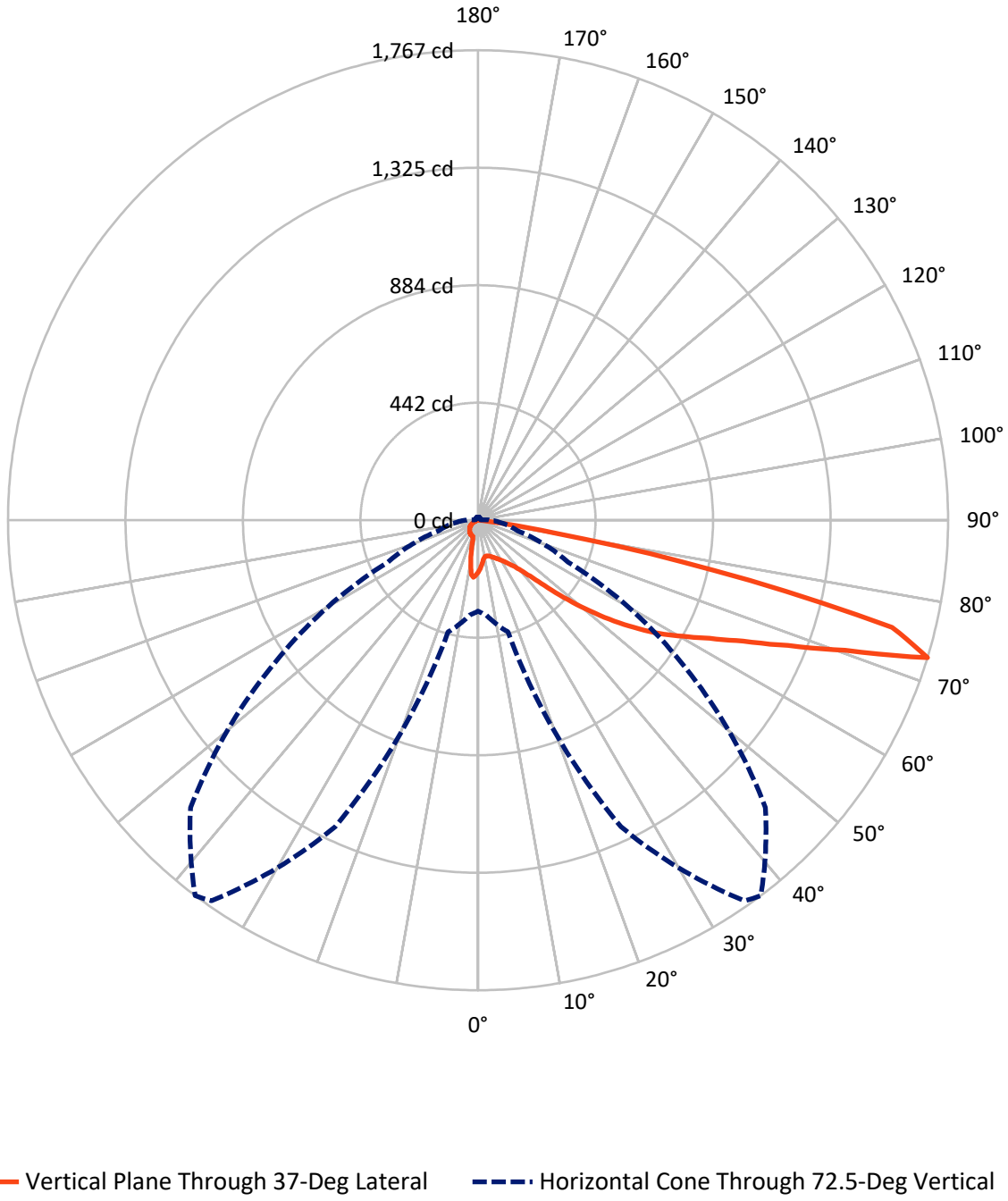
Based on 10 foot mounting height. Maximum calculated value = 1.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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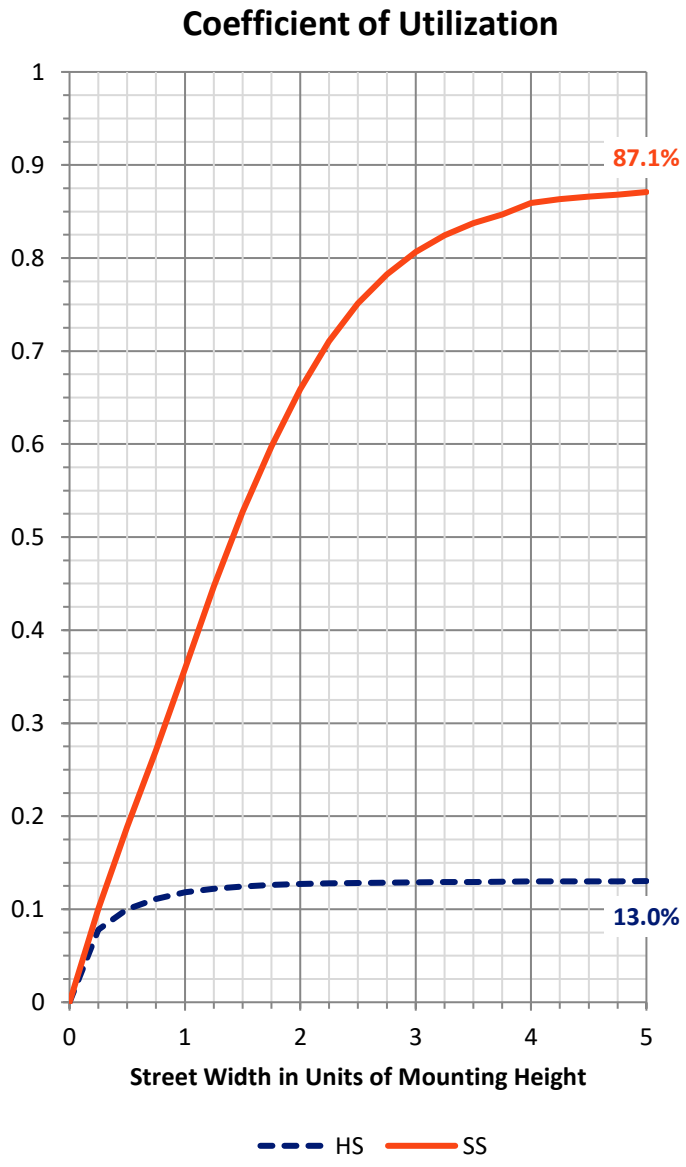
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	202.7	0.0	202.7
	% Fixture	13.2	0.0	13.2
Street Side	Lumens	1338.9	0.0	1338.9
	% Fixture	86.8	0.0	86.8
Total	Lumens	1541.6	0.0	1541.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	1.1
10°-20°	40.1	2.6
20°-30°	63.0	4.1
30°-40°	101.5	6.6
40°-50°	201.6	13.1
50°-60°	363.9	23.6
60°-70°	474.6	30.8
70°-80°	268.9	17.4
80°-90°	10.7	0.7
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°	1541.6	100.0
0°-180°	1541.6	100.0



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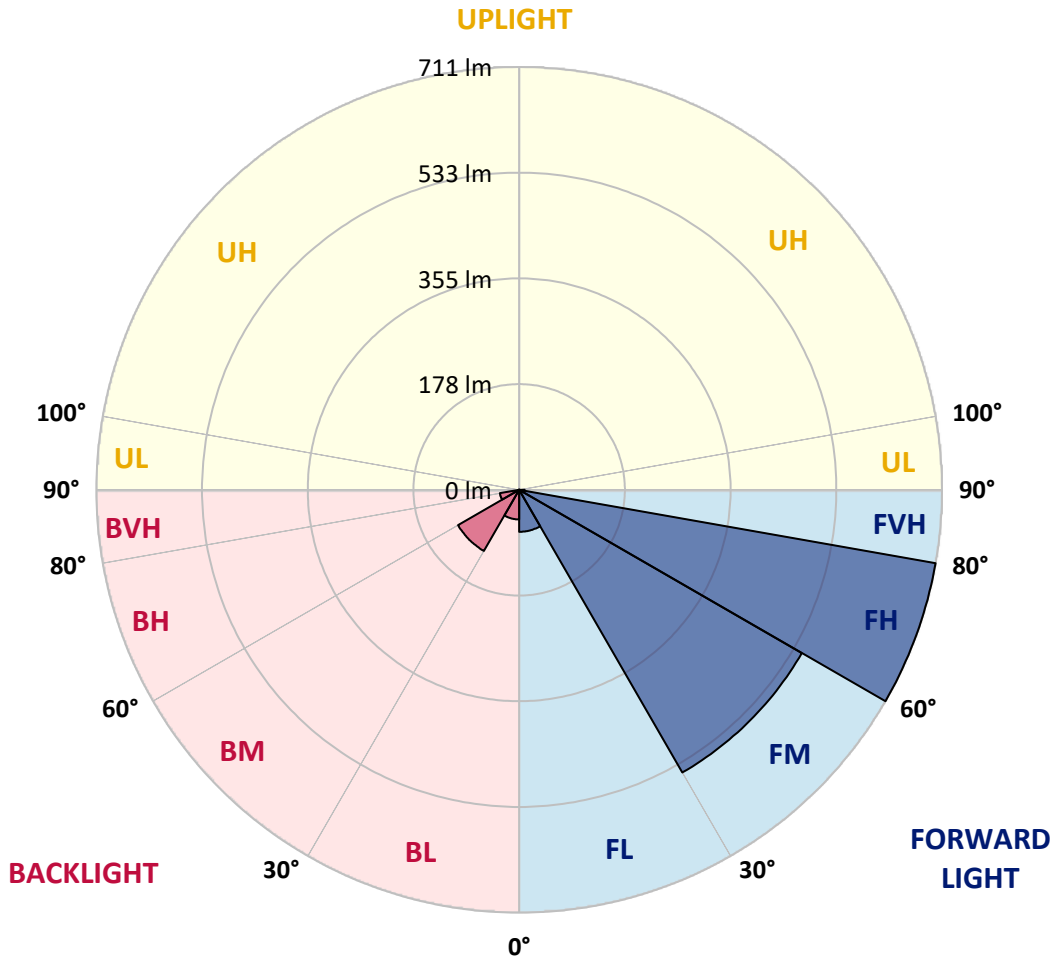
Scaled Data Report

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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°)	70.6	4.6			
FM	(30°-60°)	548.5	35.6			
FH	(60°-80°)	710.6	46.1			G1/1800
FVH	(80°-90°)	9.2	0.6			G0/10
BL	(0°-30°)	49.8	3.2	B0/110		
BM	(30°-60°)	118.6	7.7	B0/220		
BH	(60°-80°)	32.9	2.1	B0/110		G0/110
BVH	(80°-90°)	1.4	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°	37°	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°	179.0	179.0	179.0	179.0	181.0	*180.0*	182.0	185.0	187.0	190.0	193.0
5°	155.0	155.0	155.0	157.0	161.0	*162.0*	166.0	170.0	177.0	184.0	192.0
7.5°	140.0	139.0	140.0	142.0	147.0	*148.0*	152.0	160.0	169.0	179.0	190.0
10°	133.0	132.0	133.0	135.0	139.0	*140.0*	145.0	153.0	164.0	177.0	191.0
12.5°	131.0	132.0	132.0	133.0	137.0	*138.0*	143.0	152.0	163.0	177.0	191.0
15°	134.0	133.0	133.0	134.0	138.0	*139.0*	144.0	153.0	164.0	179.0	196.0
17.5°	138.0	137.0	136.0	137.0	141.0	*142.0*	148.0	158.0	168.0	182.0	199.0
20°	142.0	143.0	141.0	141.0	146.0	*147.0*	152.0	162.0	175.0	186.0	204.0
22.5°	149.0	149.0	146.0	146.0	152.0	*152.0*	159.0	169.0	180.0	192.0	210.0
25°	157.0	156.0	153.0	153.0	158.0	*159.0*	167.0	177.0	188.0	198.0	218.0
27.5°	165.0	165.0	161.0	161.0	165.0	*166.0*	176.0	189.0	197.0	205.0	228.0
30°	171.0	170.0	168.0	168.0	175.0	*176.0*	186.0	201.0	209.0	216.0	240.0
32.5°	177.0	176.0	176.0	176.0	185.0	*187.0*	200.0	216.0	226.0	232.0	256.0
35°	187.0	185.0	185.0	188.0	199.0	*202.0*	218.0	237.0	249.0	250.0	276.0
37.5°	224.0	220.0	207.0	205.0	217.0	*220.0*	240.0	266.0	279.0	276.0	304.0
40°	320.0	309.0	273.0	243.0	243.0	*247.0*	268.0	303.0	317.0	308.0	338.0
42.5°	417.0	406.0	367.0	314.0	287.0	*287.0*	312.0	350.0	362.0	349.0	382.0
45°	474.1	467.1	436.0	400.0	354.0	*349.0*	363.0	404.0	414.0	393.0	437.0
47.5°	511.1	508.1	486.1	473.1	438.1	*433.0*	436.0	477.1	477.1	444.1	505.1
50°	568.1	566.1	550.1	545.1	530.1	*524.1*	529.1	559.1	538.1	504.1	585.1
52.5°	624.1	623.1	614.1	626.1	617.1	*618.1*	630.1	646.1	607.1	573.1	675.1
55°	660.1	662.1	679.1	699.1	715.1	*712.1*	728.1	734.1	670.1	630.1	786.1
57.5°	733.1	724.1	731.1	763.1	798.1	*803.1*	821.1	828.1	733.1	694.1	885.1
60°	806.1	793.1	799.1	829.1	883.1	*886.1*	923.1	919.1	782.1	750.1	967.1
62.5°	905.1	895.1	875.1	902.1	965.1	*977.1*	1029.1	1007.1	830.1	755.1	949.1
65°	890.1	894.1	948.1	1011.1	1084.1	*1095.1*	1153.1	1089.1	809.1	683.1	845.1
67.5°	683.1	700.1	805.1	1089.1	1248.1	*1257.1*	1315.2	1097.1	746.1	590.1	631.1
70°	512.1	519.1	615.1	1176.1	1436.2	*1464.2*	1523.2	1058.1	640.1	366.0	272.0
72.5°	*342.0*	*358.0*	*435.0*	*1271.1*	*1747.2*	*1767.2*	*1528.2*	*931.1*	*374.0*	*153.0*	*79.0*
75°	214.0	219.0	270.0	1119.1	1656.2	*1608.2*	932.1	369.0	134.0	69.0	32.0
77.5°	60.0	65.0	81.0	572.1	942.1	*908.1*	336.0	64.0	60.0	44.0	19.0
80°	13.0	15.0	25.0	98.0	276.0	*286.0*	77.0	32.0	36.0	31.0	13.0
82.5°	6.0	7.0	15.0	32.0	53.0	*52.0*	22.0	19.0	24.0	19.0	7.0
85°	3.0	3.0	8.0	13.0	15.0	*14.0*	9.0	7.0	12.0	11.0	5.0
87.5°	0.0	1.0	1.0	2.0	2.0	*2.0*	2.0	2.0	3.0	2.0	1.0
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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Scaled Data Report

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CATALOG NUMBER: GSS-SB1A-AMB-U-T4FT-HSS

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	195.0	198.0	199.0	202.0	205.0	206.0	207.0	207.0	208.0	208.0
5°	194.0	198.0	204.0	207.0	211.0	214.0	216.0	215.0	215.0	215.0	214.0
7.5°	194.0	199.0	207.0	211.0	215.0	210.0	204.0	194.0	187.0	185.0	185.0
10°	196.0	202.0	210.0	214.0	203.0	183.0	163.0	148.0	135.0	130.0	132.0
12.5°	199.0	205.0	214.0	206.0	175.0	144.0	116.0	93.0	82.0	77.0	77.0
15°	204.0	211.0	218.0	190.0	141.0	99.0	74.0	68.0	67.0	68.0	67.0
17.5°	208.0	215.0	214.0	161.0	106.0	68.0	65.0	65.0	66.0	66.0	66.0
20°	214.0	221.0	208.0	133.0	71.0	63.0	63.0	64.0	64.0	65.0	65.0
22.5°	221.0	228.0	194.0	103.0	61.0	61.0	62.0	63.0	63.0	64.0	64.0
25°	229.0	237.0	177.0	75.0	59.0	60.0	61.0	62.0	63.0	63.0	63.0
27.5°	242.0	249.0	160.0	59.0	57.0	58.0	60.0	62.0	63.0	63.0	62.0
30°	256.0	264.0	143.0	57.0	55.0	57.0	59.0	62.0	63.0	62.0	62.0
32.5°	274.0	282.0	126.0	58.0	55.0	54.0	57.0	61.0	63.0	62.0	62.0
35°	299.0	302.0	114.0	64.0	58.0	53.0	55.0	59.0	62.0	62.0	62.0
37.5°	332.0	327.0	108.0	69.0	60.0	51.0	52.0	55.0	59.0	62.0	62.0
40°	380.0	364.0	106.0	73.0	59.0	49.0	49.0	51.0	55.0	60.0	61.0
42.5°	434.0	404.0	107.0	73.0	56.0	48.0	47.0	48.0	51.0	54.0	55.0
45°	495.1	456.1	119.0	69.0	53.0	46.0	44.0	45.0	46.0	48.0	47.0
47.5°	566.1	507.1	140.0	61.0	51.0	45.0	42.0	42.0	41.0	40.0	40.0
50°	649.1	552.1	150.0	55.0	49.0	42.0	40.0	38.0	35.0	35.0	34.0
52.5°	734.1	598.1	133.0	51.0	46.0	40.0	36.0	34.0	31.0	30.0	30.0
55°	808.1	621.1	99.0	48.0	42.0	36.0	32.0	30.0	27.0	26.0	26.0
57.5°	856.1	606.1	68.0	44.0	36.0	32.0	29.0	26.0	24.0	23.0	23.0
60°	867.1	547.1	48.0	38.0	30.0	28.0	26.0	23.0	22.0	20.0	20.0
62.5°	779.1	424.0	35.0	31.0	25.0	24.0	22.0	20.0	19.0	17.0	17.0
65°	638.1	261.0	26.0	23.0	21.0	19.0	19.0	18.0	16.0	14.0	14.0
67.5°	446.1	102.0	17.0	16.0	17.0	16.0	16.0	15.0	14.0	12.0	12.0
70°	180.0	26.0	13.0	12.0	13.0	12.0	13.0	14.0	12.0	11.0	10.0
72.5°	*49.0*	*13.0*	*10.0*	*9.0*	*10.0*	*9.0*	*11.0*	*12.0*	*10.0*	*9.0*	*9.0*
75°	23.0	10.0	8.0	8.0	7.0	7.0	9.0	9.0	9.0	8.0	7.0
77.5°	14.0	7.0	6.0	5.0	5.0	6.0	7.0	8.0	7.0	6.0	6.0
80°	9.0	5.0	4.0	4.0	4.0	5.0	6.0	6.0	5.0	5.0	5.0
82.5°	5.0	4.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	4.0	4.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	4.0	4.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	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

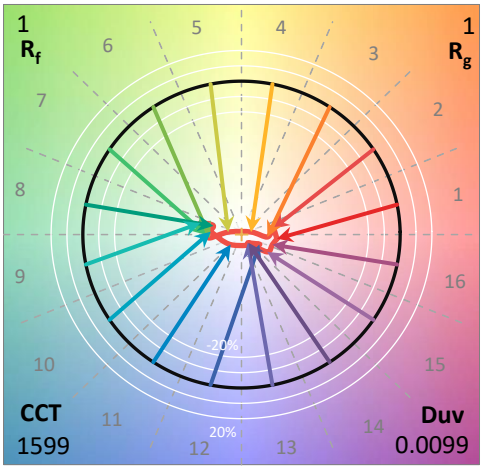
Test Information

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

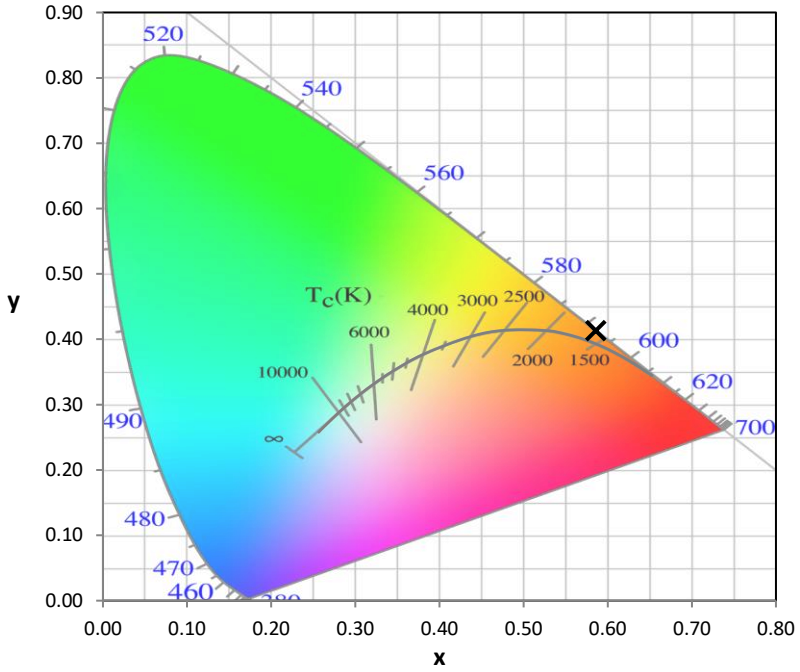
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

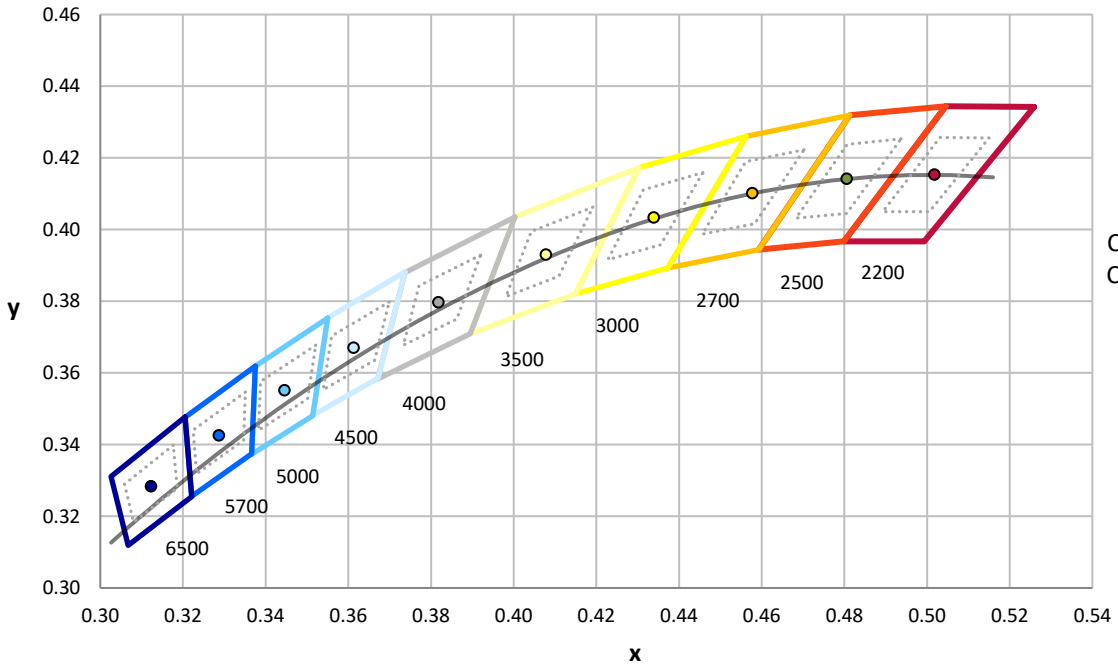
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

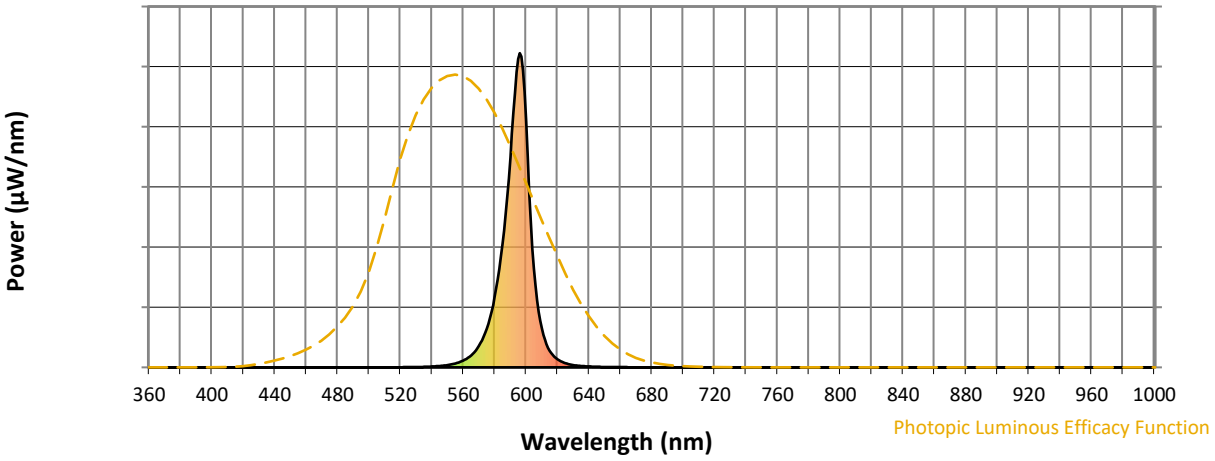


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

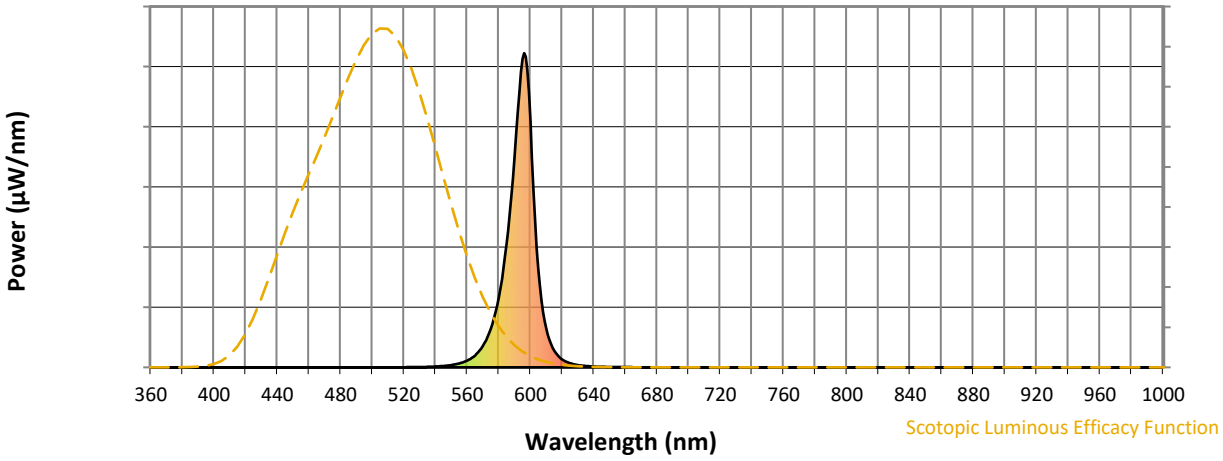


Photopic Lumens: NR

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

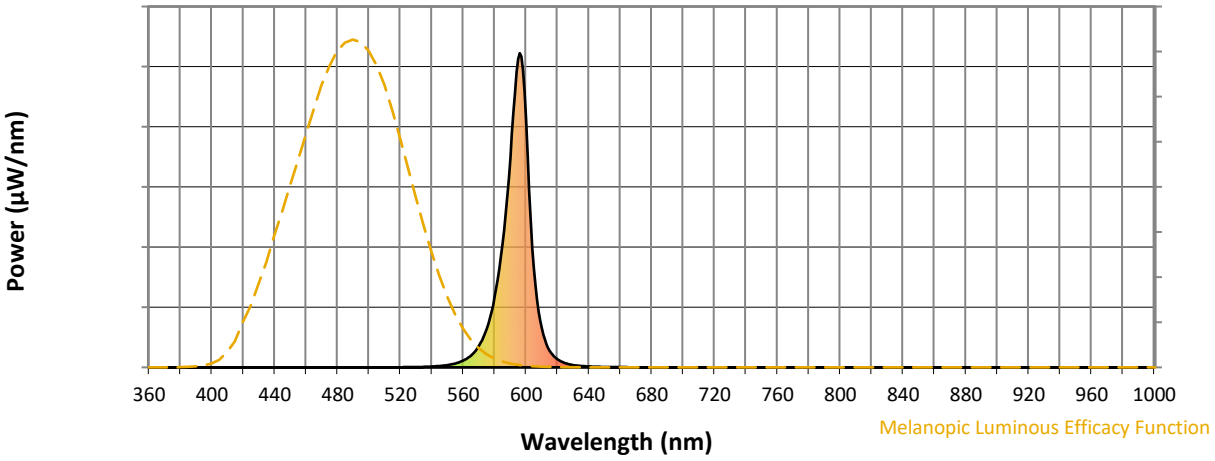


Scotopic Lumens: NR **S/P: 0.23**

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			

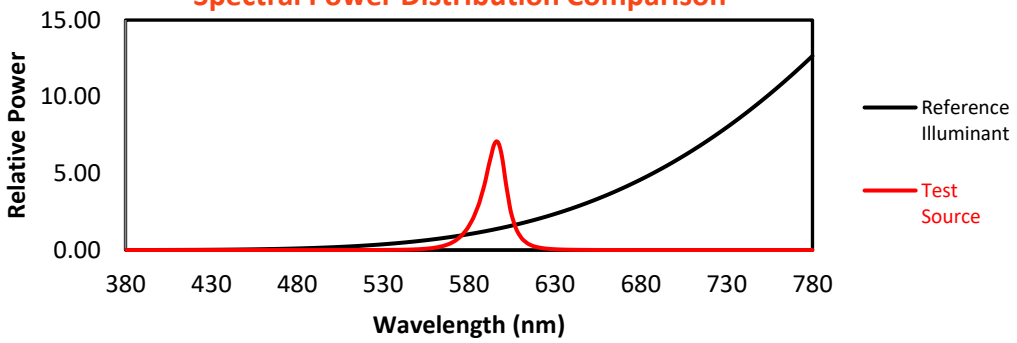
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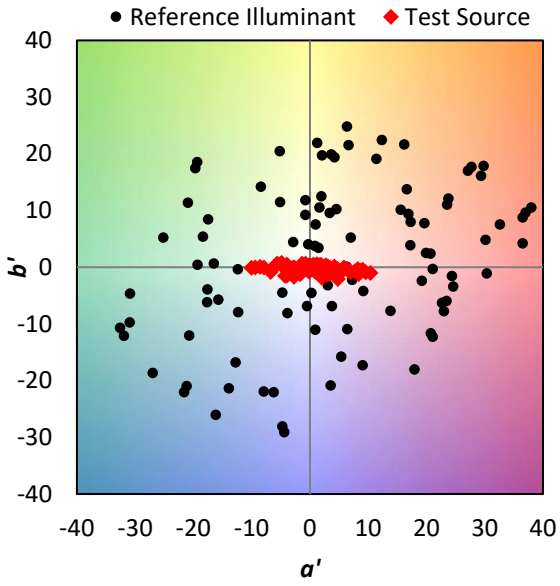
Summary

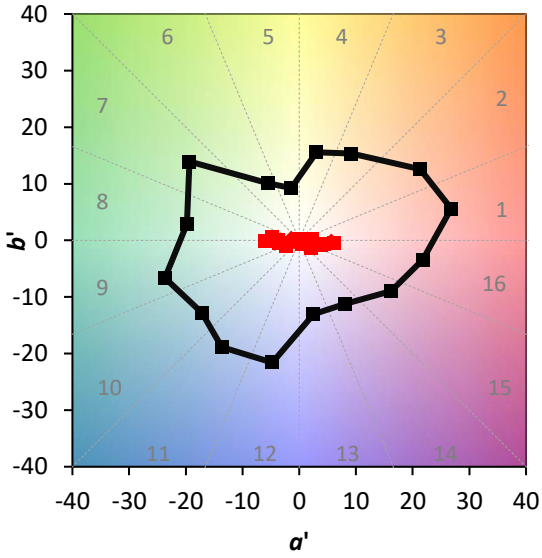
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

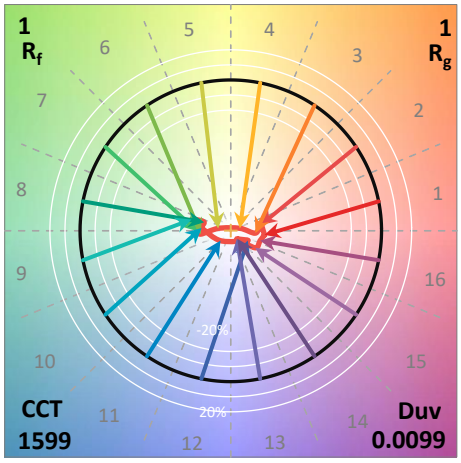
Spectral Power Distribution Comparison

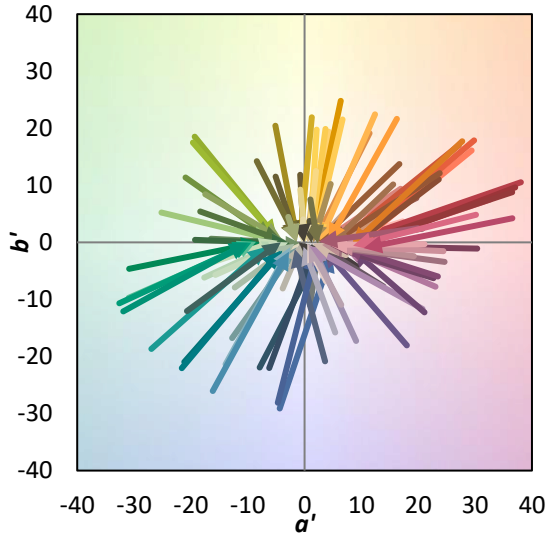


Color Vector Graphics







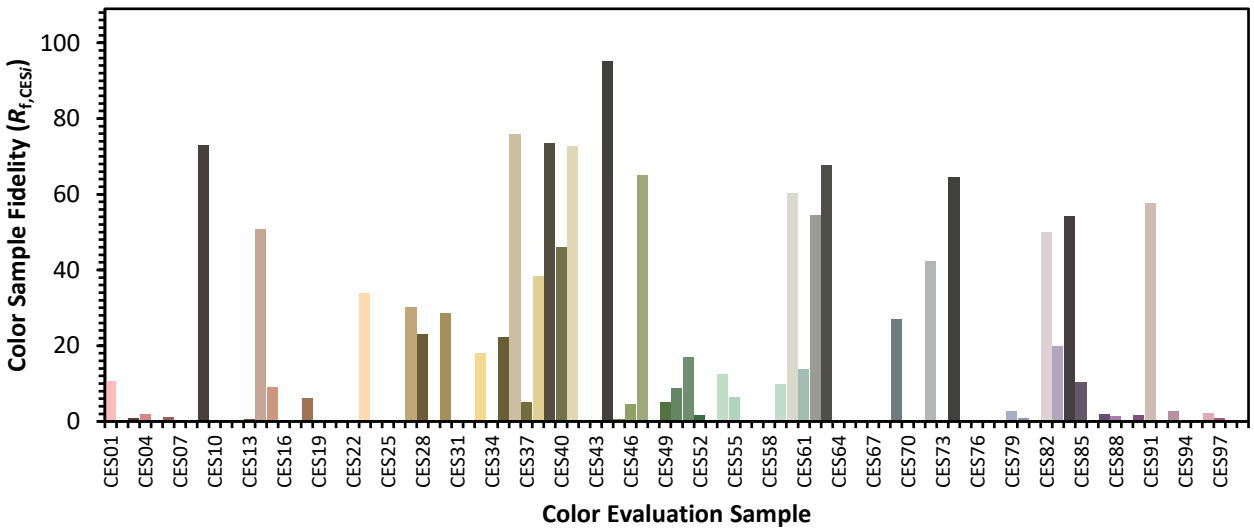


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Individual Sample Fidelity Index ($R_{f,i}$)

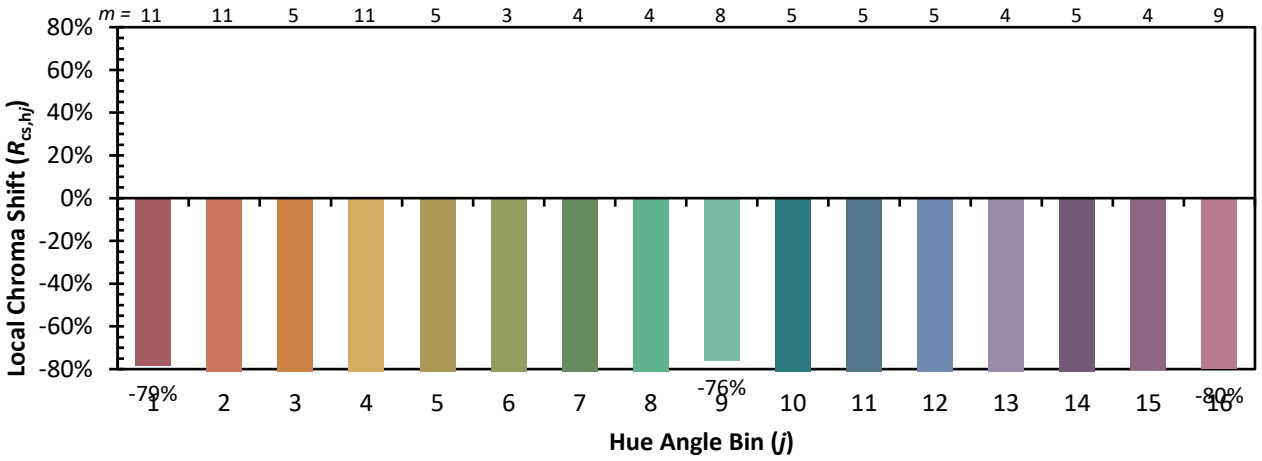
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 = 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	

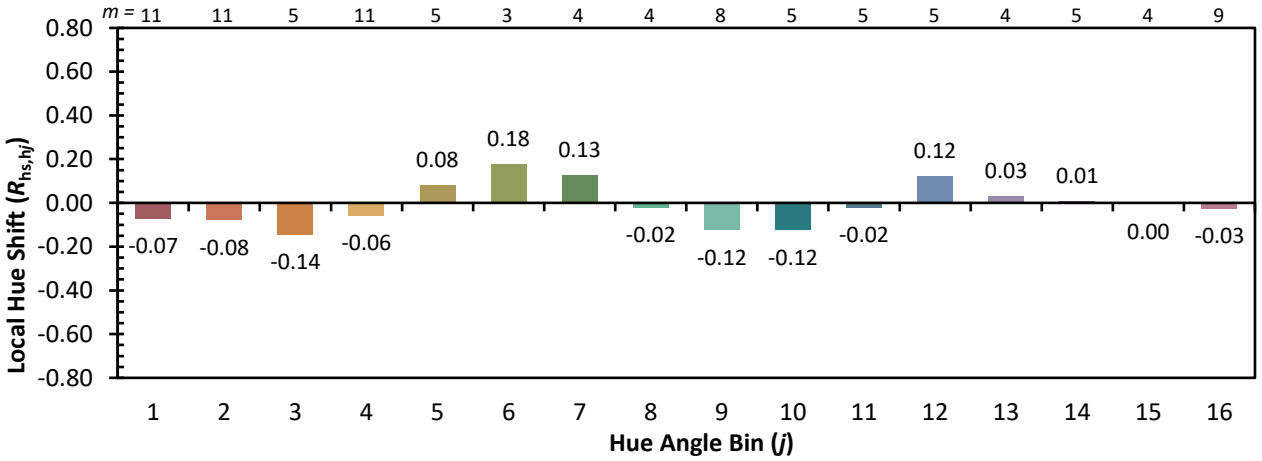


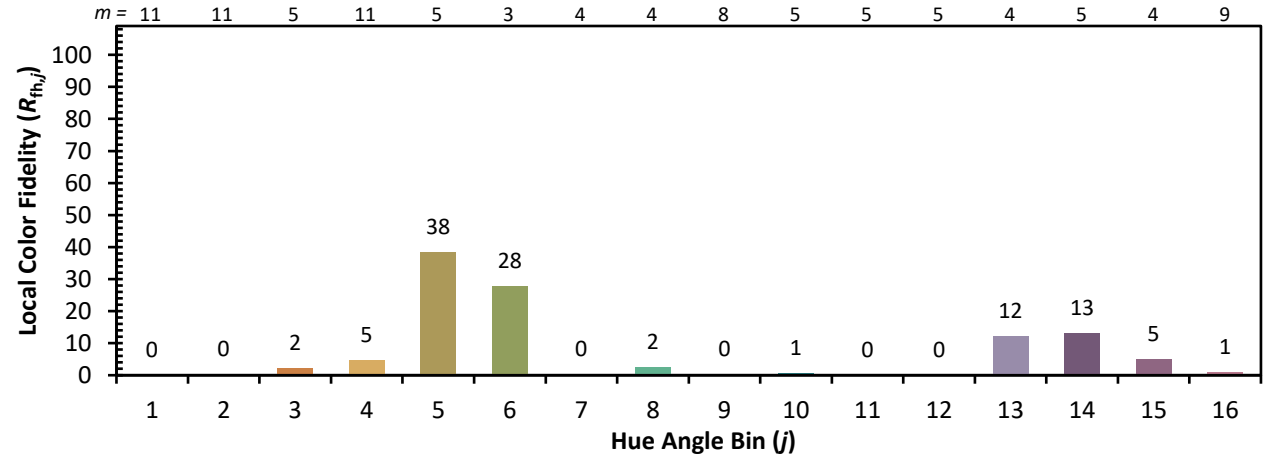
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Color Rendition by Hue-Angle Bin



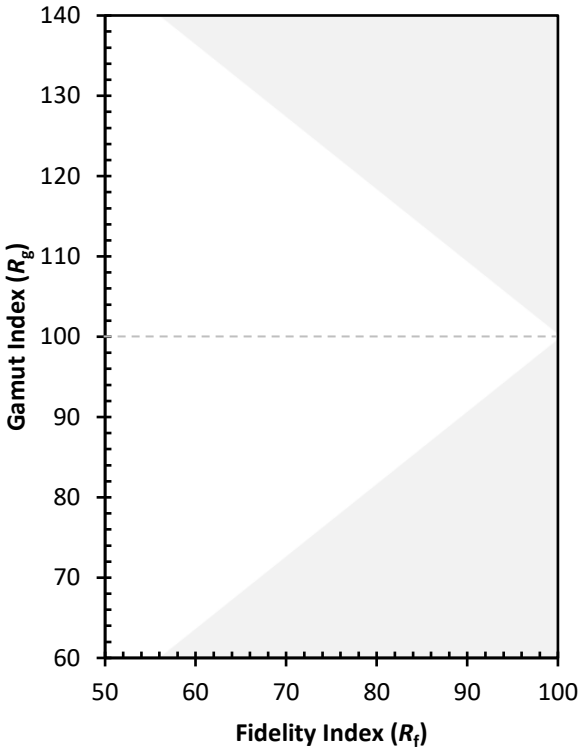


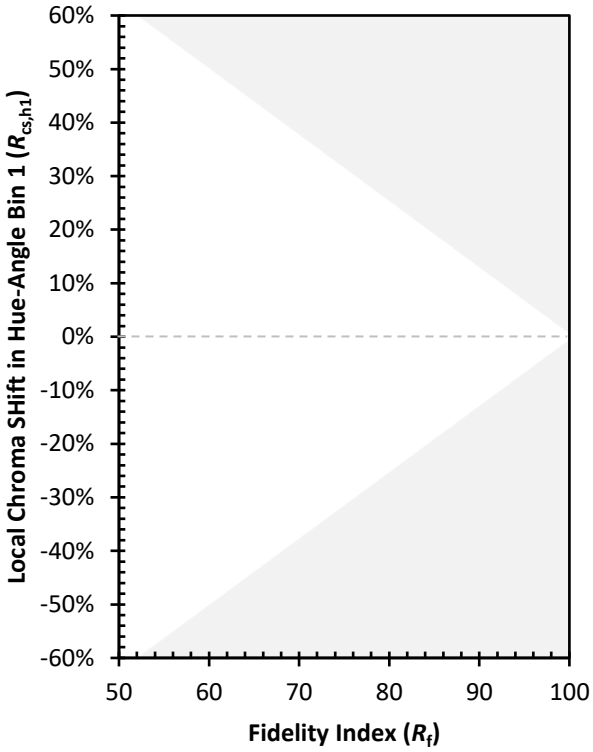


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Measure Comparisons





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