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-SL2-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-SL2-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T2 SPILL CONTROL DISTRIBUTION WITH HOUSE SIDE SHIELD
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1748.8 lumens
Efficiency:	N/A
Efficacy:	48.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
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

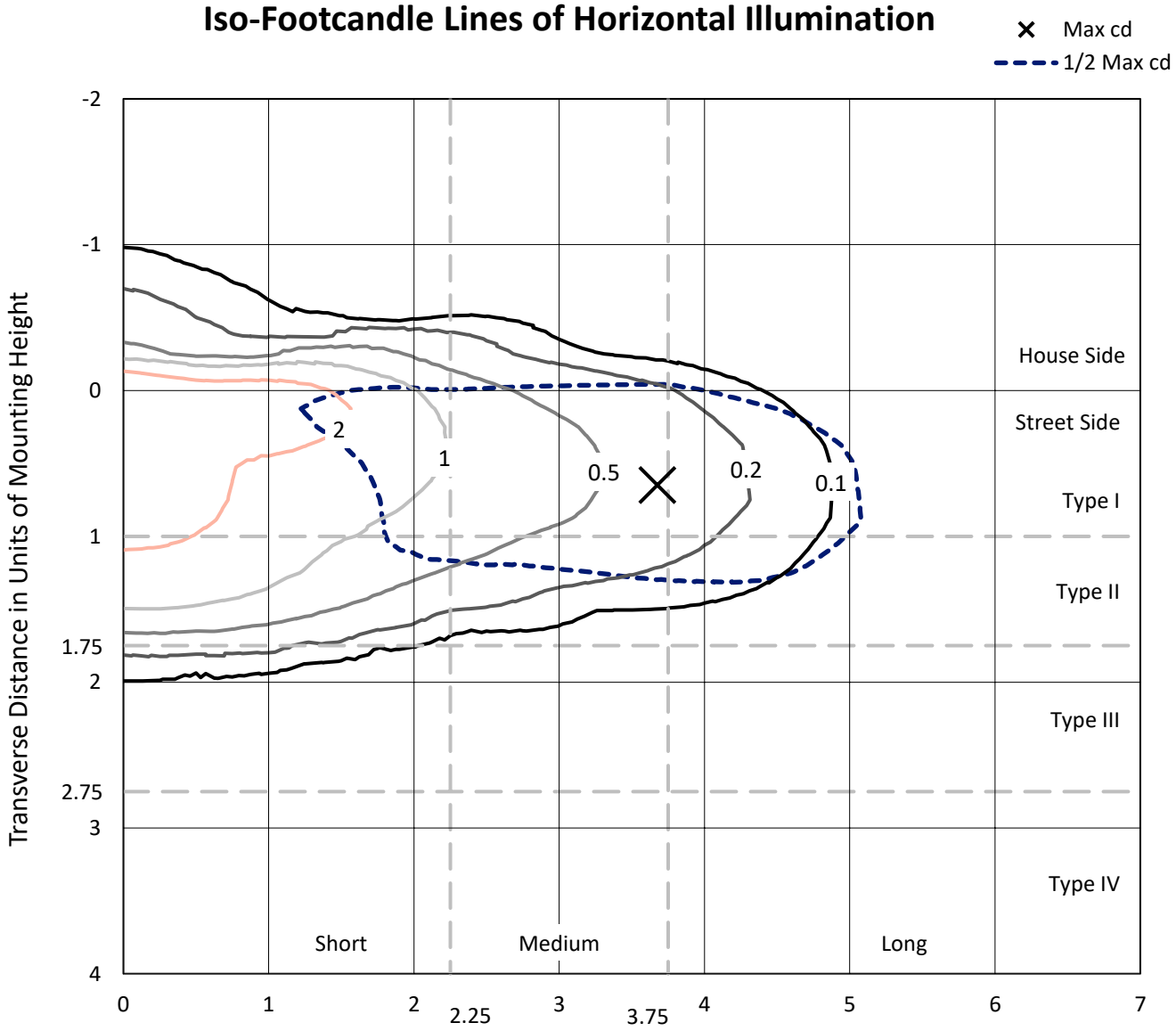


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



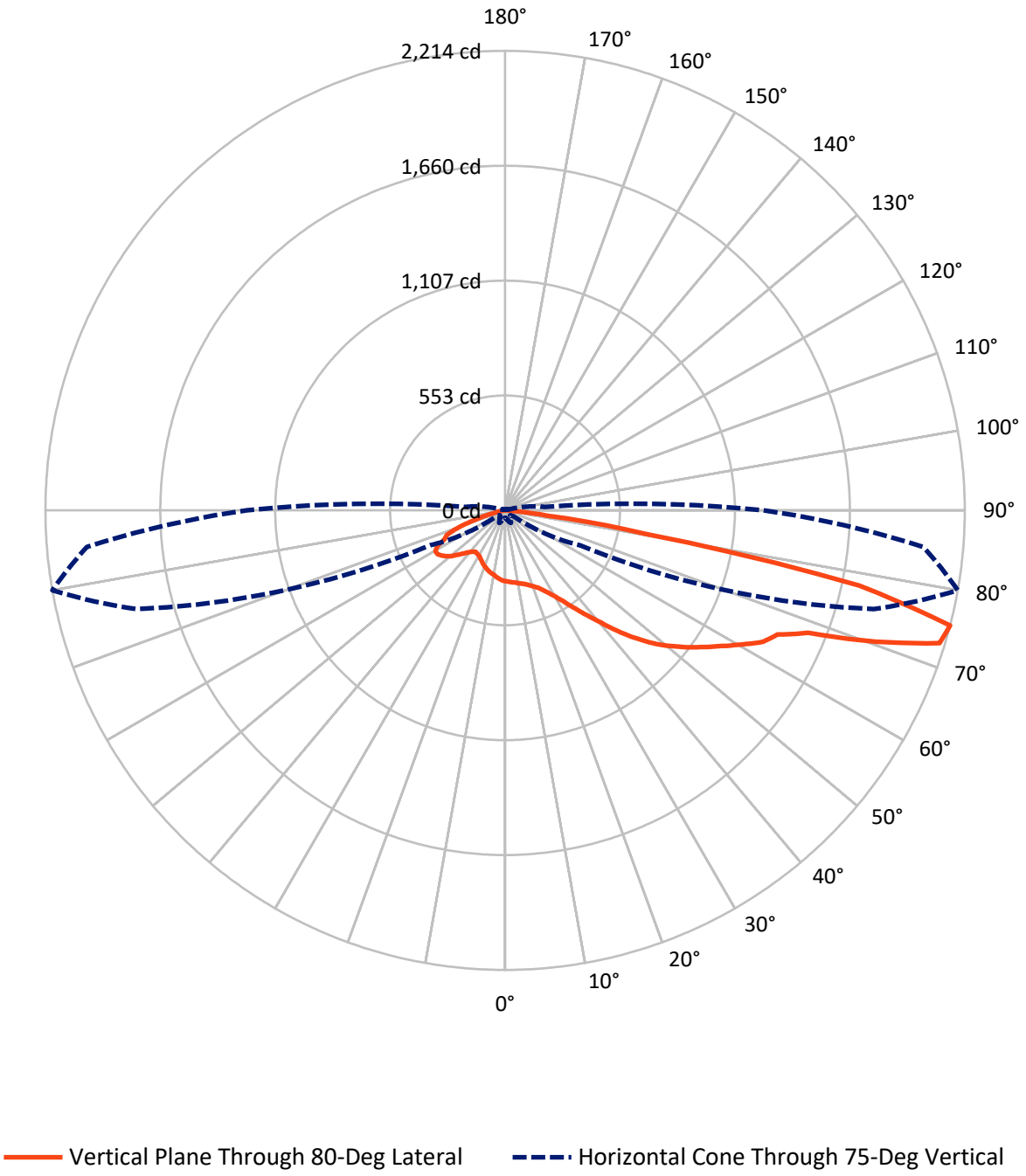
Based on 10 foot mounting height. Maximum calculated value = 3.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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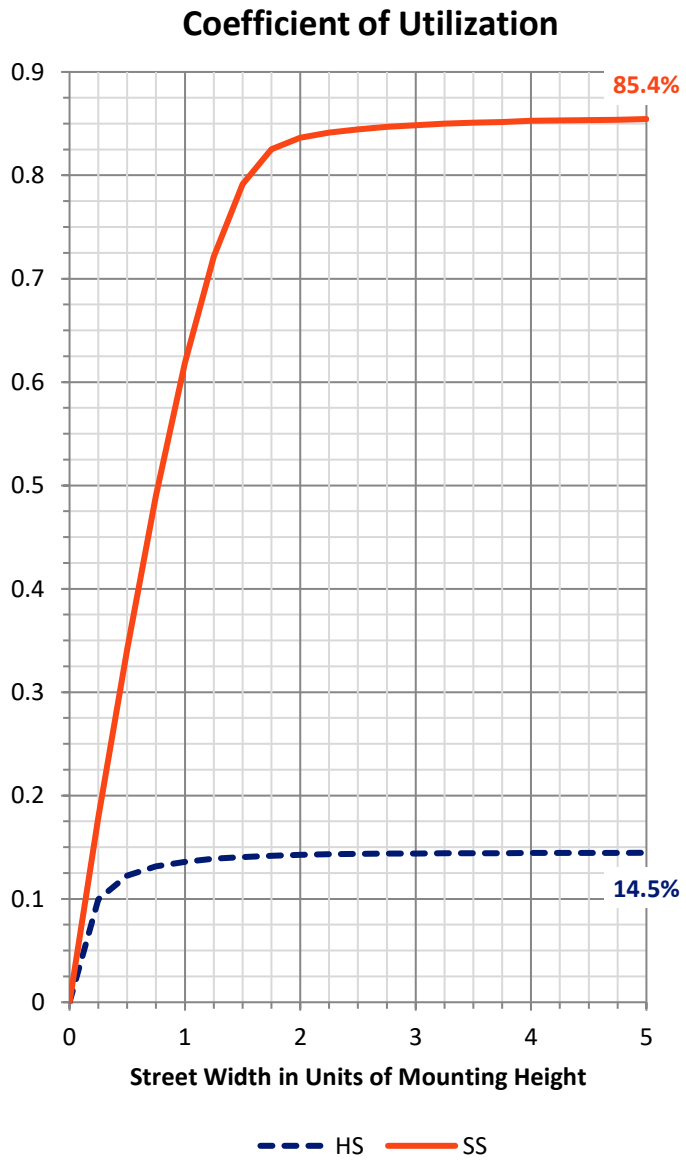
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	254.8	0.0	254.8
	% Fixture	14.6	0.0	14.6
Street Side	Lumens	1493.9	0.0	1493.9
	% Fixture	85.4	0.0	85.4
Total	Lumens	1748.8	0.0	1748.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	1.6
10°-20°	65.8	3.8
20°-30°	111.4	6.4
30°-40°	183.5	10.5
40°-50°	289.5	16.6
50°-60°	399.3	22.8
60°-70°	386.8	22.1
70°-80°	264.3	15.1
80°-90°	19.5	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°	1748.8	100.0
0°-180°	1748.8	100.0



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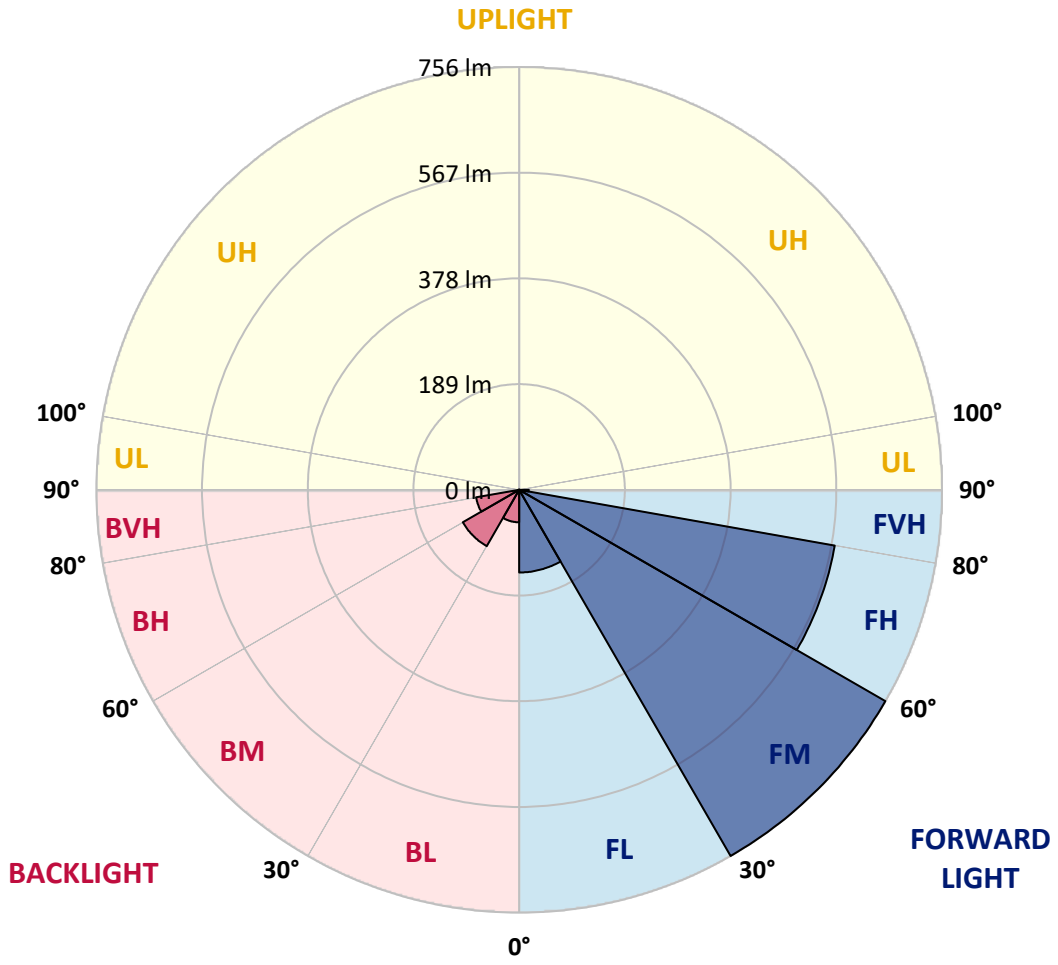
Scaled Data Report

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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°)	147.8	8.5			
FM	(30°-60°)	755.9	43.2			
FH	(60°-80°)	572.9	32.8			G0/660
FVH	(80°-90°)	17.2	1.0			G1/100
BL	(0°-30°)	58.0	3.3	B0/110		
BM	(30°-60°)	116.3	6.7	B0/220		
BH	(60°-80°)	78.2	4.5	B0/110		G0/110
BVH	(80°-90°)	2.3	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	340.9	340.9	340.9	340.9	340.9	340.9	340.9	340.9	340.9	*340.9*	340.9
2.5°	359.9	357.9	356.9	355.9	356.9	353.9	353.9	348.9	346.9	*343.9*	342.9
5°	334.9	332.9	333.9	337.9	338.9	343.9	348.9	354.9	352.9	*347.9*	345.9
7.5°	302.9	300.9	303.9	310.9	319.9	327.9	335.9	345.9	355.9	*350.9*	345.9
10°	277.9	277.9	280.9	284.9	291.9	307.9	325.9	338.9	356.9	*356.9*	348.9
12.5°	273.9	273.9	271.9	273.9	278.9	288.9	310.9	334.9	355.9	*361.9*	352.9
15°	286.9	284.9	282.9	279.9	277.9	282.9	298.9	333.9	357.9	*368.9*	360.9
17.5°	310.9	306.9	303.9	295.9	288.9	285.9	295.9	331.9	363.9	*378.9*	369.9
20°	338.9	335.9	329.9	316.9	307.9	296.9	298.9	327.9	372.9	*390.9*	383.9
22.5°	370.9	368.9	361.9	347.9	328.9	314.9	307.9	329.9	384.9	*403.9*	399.9
25°	406.9	404.9	395.9	380.9	358.9	337.9	322.9	335.9	406.9	*426.9*	419.9
27.5°	438.9	435.9	426.9	414.9	390.9	363.9	342.9	350.9	429.9	*450.9*	443.9
30°	464.9	464.9	456.9	444.9	422.9	388.9	364.9	369.9	460.9	*483.9*	478.9
32.5°	496.9	491.9	485.9	470.9	449.9	416.9	390.9	395.9	495.9	*525.9*	519.9
35°	532.9	530.9	521.9	500.9	478.9	443.9	420.9	425.9	536.9	*580.9*	575.9
37.5°	556.9	552.9	546.9	536.9	505.9	468.9	445.9	458.9	582.9	*640.9*	641.9
40°	581.9	577.9	574.9	567.9	544.9	493.9	472.9	496.9	631.9	*709.9*	715.9
42.5°	607.9	605.9	603.9	600.9	580.9	533.9	502.9	535.9	686.9	*793.8*	808.8
45°	630.9	627.9	632.9	633.9	618.9	580.9	532.9	573.9	745.8	*875.8*	906.8
47.5°	651.9	648.9	657.9	658.9	651.9	615.9	567.9	622.9	809.8	*955.8*	1005.8
50°	663.9	663.9	680.9	684.9	677.9	636.9	596.9	662.9	868.8	*1026.8*	1085.8
52.5°	651.9	653.9	681.9	711.9	709.9	658.9	627.9	716.9	932.8	*1094.8*	1163.8
55°	643.9	642.9	674.9	730.9	744.8	688.9	667.9	769.8	993.8	*1161.8*	1241.7
57.5°	520.9	542.9	601.9	689.9	774.8	750.8	723.9	830.8	1070.8	*1232.7*	1303.7
60°	222.0	239.0	337.9	556.9	725.9	824.8	821.8	915.8	1151.8	*1310.7*	1372.7
62.5°	115.0	115.0	118.0	244.0	537.9	810.8	971.8	1060.8	1268.7	*1394.7*	1435.7
65°	98.0	100.0	100.0	114.0	206.0	598.9	978.8	1237.7	1385.7	*1441.7*	1424.7
67.5°	91.0	92.0	96.0	96.0	88.0	233.0	739.8	1323.7	1621.7	*1574.7*	1474.7
70°	80.0	83.0	90.0	85.0	66.0	73.0	341.9	1173.8	1937.6	*1893.6*	1659.7
72.5°	63.0	66.0	79.0	78.0	52.0	47.0	100.0	811.8	2023.6	*2187.6*	1860.6
75°	*36.0*	*37.0*	*48.0*	*66.0*	*41.0*	*34.0*	*46.0*	*397.9*	*1836.6*	*2213.5*	*2020.6*
77.5°	25.0	26.0	35.0	46.0	28.0	24.0	30.0	126.0	1330.7	*1742.6*	1577.7
80°	10.0	11.0	22.0	35.0	20.0	15.0	19.0	56.0	527.9	*688.9*	636.9
82.5°	4.0	5.0	13.0	18.0	13.0	10.0	11.0	26.0	130.0	*202.0*	105.0
85°	3.0	2.0	6.0	9.0	7.0	5.0	6.0	12.0	25.0	*30.0*	19.0
87.5°	0.0	0.0	1.0	1.0	1.0	1.0	2.0	4.0	5.0	*6.0*	6.0
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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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	340.9	340.9	340.9	340.9	340.9	340.9	340.9	340.9	340.9	340.9	340.9
2.5°	341.9	339.9	336.9	331.9	327.9	327.9	322.9	320.9	318.9	319.9	318.9
5°	340.9	335.9	326.9	318.9	303.9	290.9	281.9	274.9	268.9	264.9	267.9
7.5°	339.9	331.9	318.9	293.9	272.9	250.9	233.0	216.0	205.0	200.0	203.0
10°	339.9	328.9	302.9	268.9	237.0	203.0	167.0	143.0	131.0	126.0	125.0
12.5°	341.9	328.9	291.9	244.9	193.0	142.0	113.0	89.0	80.0	76.0	76.0
15°	345.9	331.9	276.9	215.0	145.0	98.0	74.0	66.0	63.0	63.0	63.0
17.5°	351.9	329.9	262.9	176.0	104.0	72.0	63.0	60.0	58.0	58.0	58.0
20°	362.9	329.9	245.9	142.0	76.0	62.0	57.0	55.0	54.0	54.0	54.0
22.5°	374.9	332.9	227.0	107.0	63.0	56.0	52.0	50.0	49.0	49.0	50.0
25°	390.9	338.9	199.0	80.0	57.0	51.0	47.0	45.0	45.0	45.0	46.0
27.5°	405.9	344.9	176.0	66.0	51.0	45.0	42.0	41.0	41.0	42.0	42.0
30°	427.9	352.9	152.0	57.0	47.0	42.0	39.0	38.0	39.0	40.0	40.0
32.5°	457.9	368.9	129.0	53.0	44.0	39.0	37.0	36.0	37.0	38.0	39.0
35°	503.9	385.9	105.0	50.0	41.0	37.0	35.0	34.0	35.0	36.0	36.0
37.5°	555.9	407.9	90.0	48.0	40.0	36.0	34.0	33.0	33.0	33.0	33.0
40°	609.9	434.9	83.0	47.0	38.0	35.0	32.0	30.0	30.0	31.0	31.0
42.5°	684.9	466.9	80.0	46.0	38.0	34.0	30.0	28.0	28.0	29.0	29.0
45°	761.8	507.9	78.0	45.0	37.0	32.0	28.0	26.0	26.0	27.0	27.0
47.5°	843.8	550.9	78.0	44.0	36.0	30.0	27.0	25.0	24.0	24.0	25.0
50°	926.8	595.9	82.0	42.0	34.0	29.0	26.0	23.0	23.0	22.0	22.0
52.5°	992.8	630.9	86.0	39.0	33.0	28.0	25.0	22.0	21.0	20.0	20.0
55°	1048.8	659.9	89.0	37.0	32.0	26.0	24.0	21.0	19.0	19.0	18.0
57.5°	1106.8	687.9	87.0	34.0	29.0	25.0	22.0	20.0	18.0	17.0	17.0
60°	1147.8	699.9	78.0	31.0	27.0	23.0	21.0	18.0	16.0	15.0	14.0
62.5°	1173.8	678.9	63.0	28.0	24.0	22.0	20.0	17.0	14.0	12.0	12.0
65°	1112.8	603.9	42.0	24.0	22.0	20.0	17.0	14.0	11.0	9.0	9.0
67.5°	1128.8	579.9	32.0	21.0	19.0	16.0	14.0	12.0	9.0	7.0	7.0
70°	1178.8	472.9	23.0	18.0	16.0	13.0	11.0	10.0	8.0	6.0	6.0
72.5°	1216.8	327.9	18.0	15.0	13.0	9.0	8.0	8.0	6.0	4.0	4.0
75°	*1243.7*	*190.0*	*14.0*	*12.0*	*9.0*	*7.0*	*7.0*	*6.0*	*4.0*	*3.0*	*3.0*
77.5°	870.8	86.0	11.0	9.0	6.0	5.0	4.0	3.0	3.0	1.0	1.0
80°	383.9	38.0	9.0	6.0	4.0	3.0	3.0	2.0	1.0	1.0	0.0
82.5°	61.0	14.0	6.0	5.0	3.0	2.0	1.0	1.0	0.0	0.0	0.0
85°	13.0	7.0	4.0	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
87.5°	5.0	5.0	3.0	2.0	1.0	1.0	0.0	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

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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

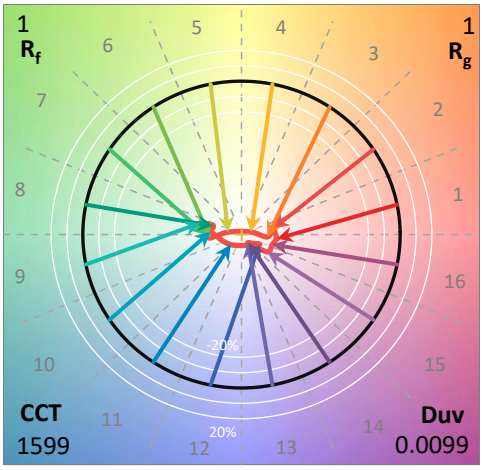
Test Information

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

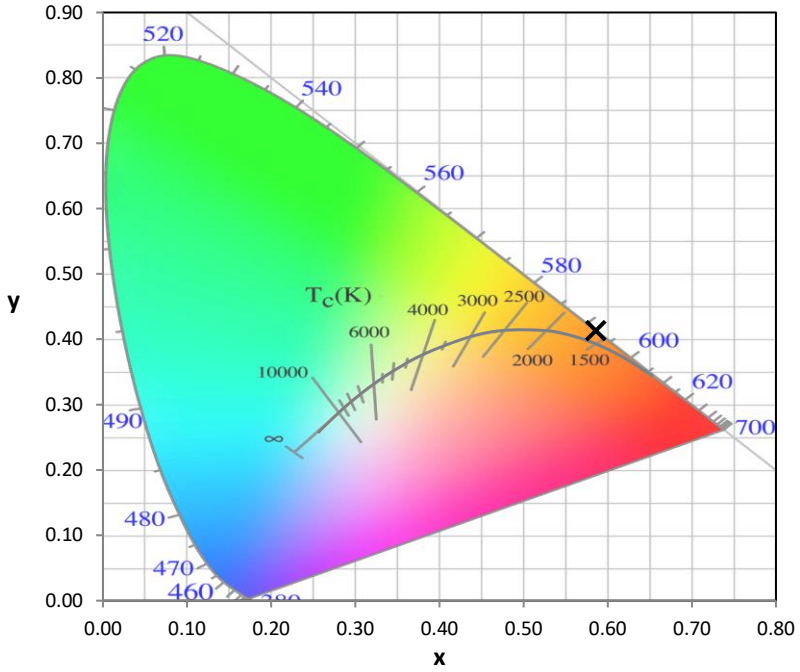
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

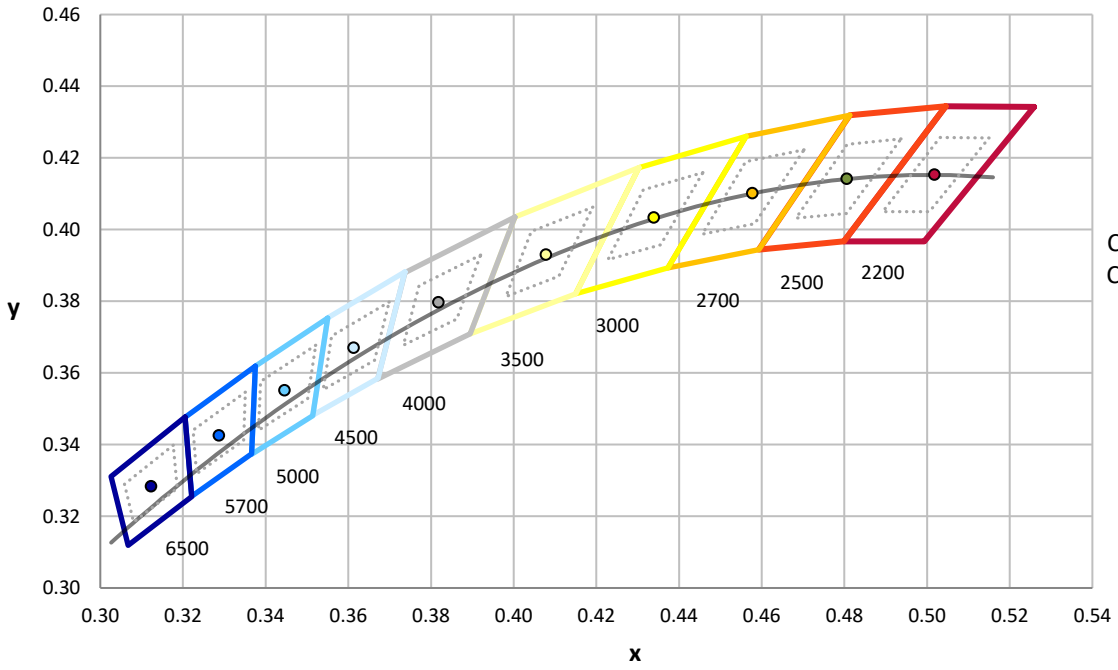
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

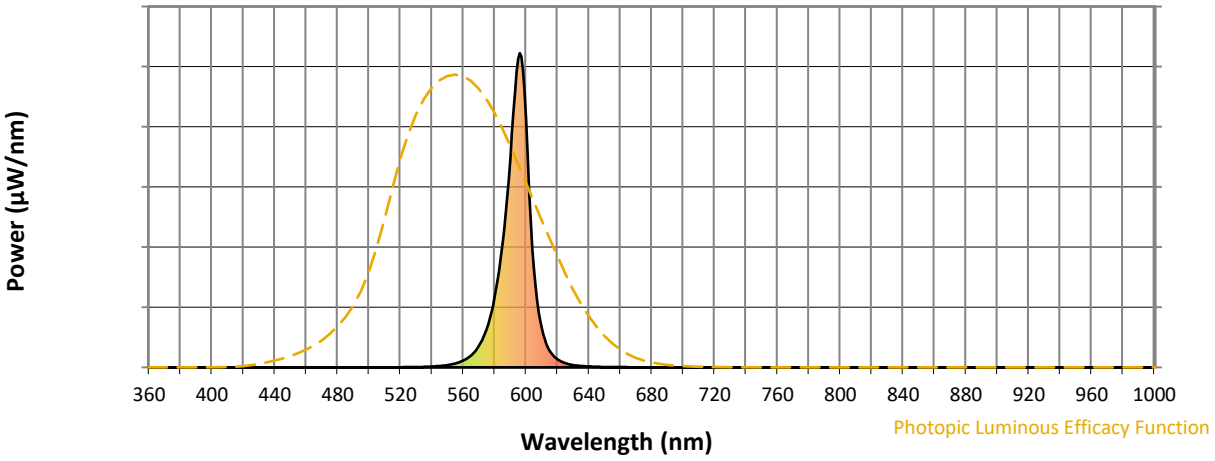


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

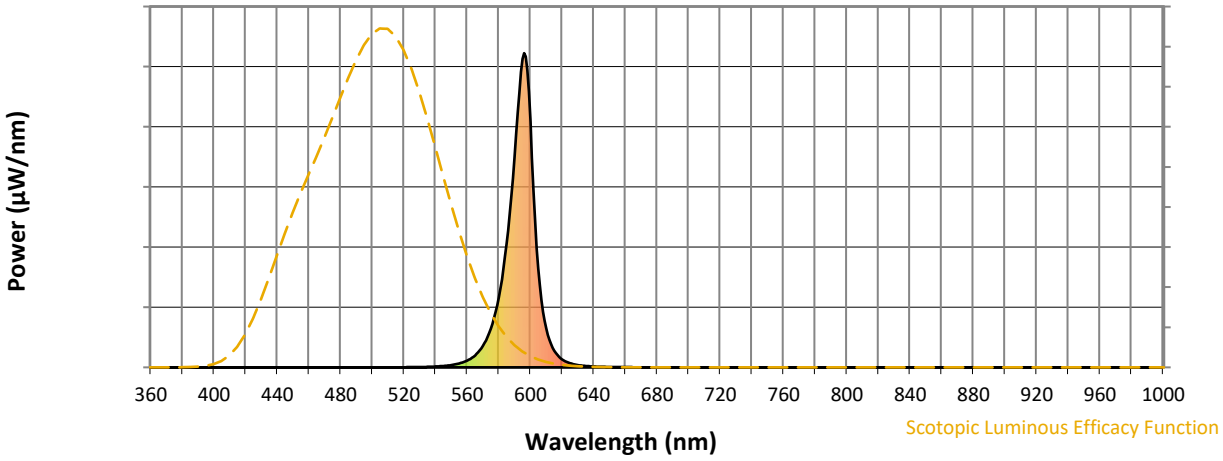


Photopic Lumens: NR

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

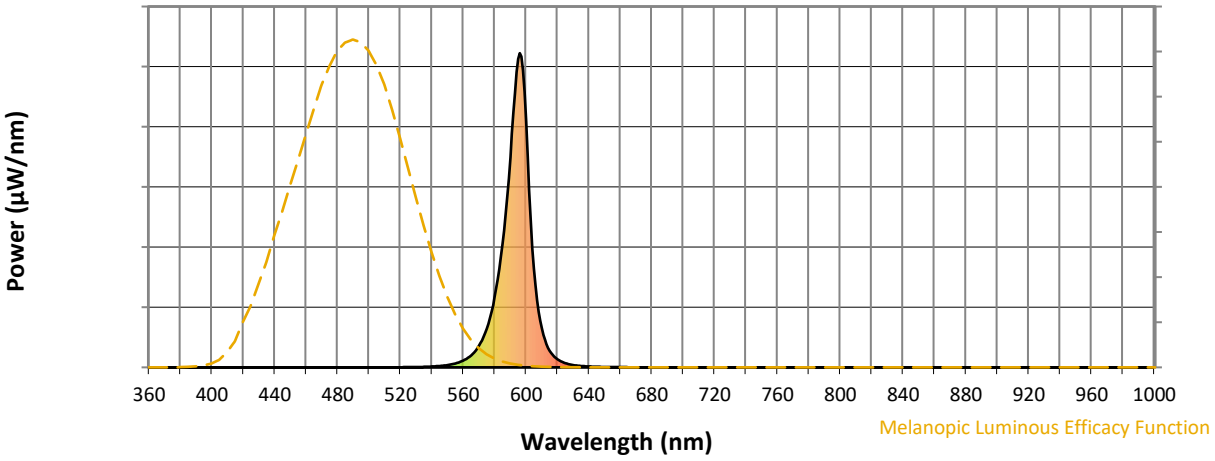


Scotopic Lumens: NR **S/P: 0.23**

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			

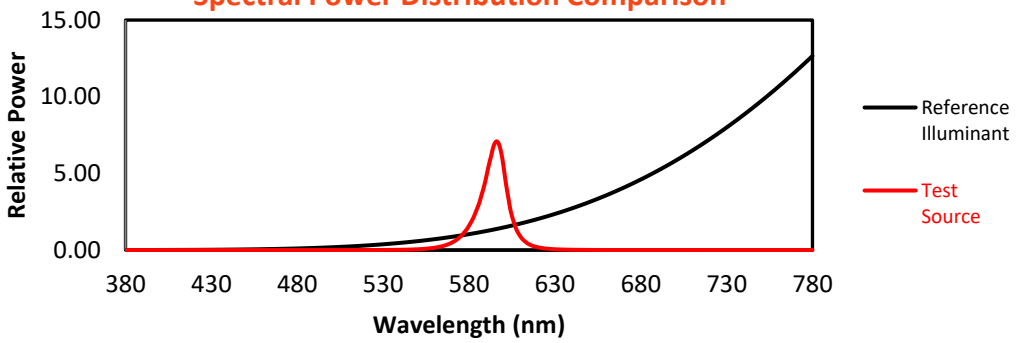
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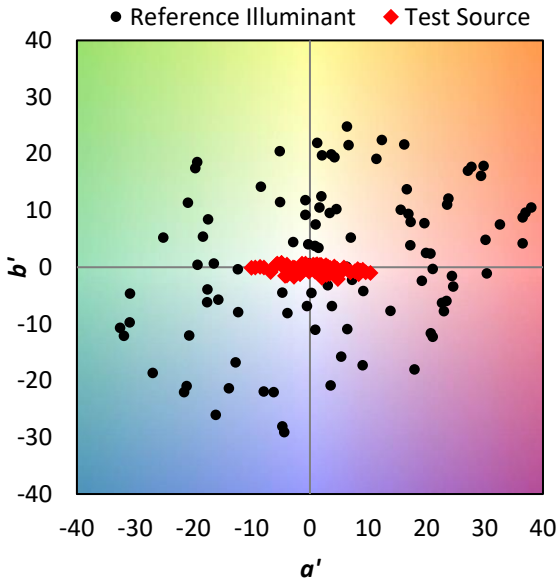
Summary

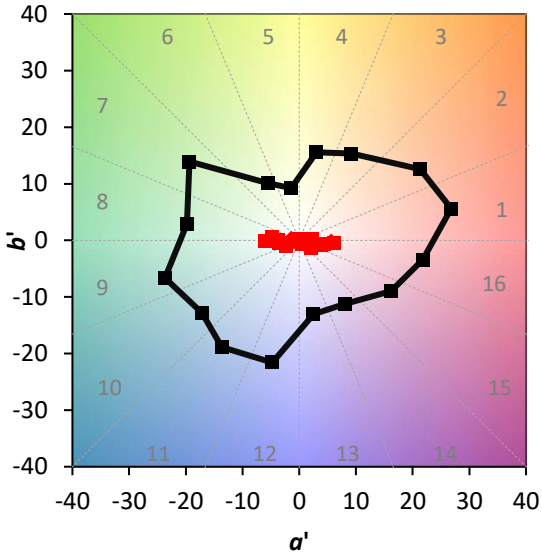
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

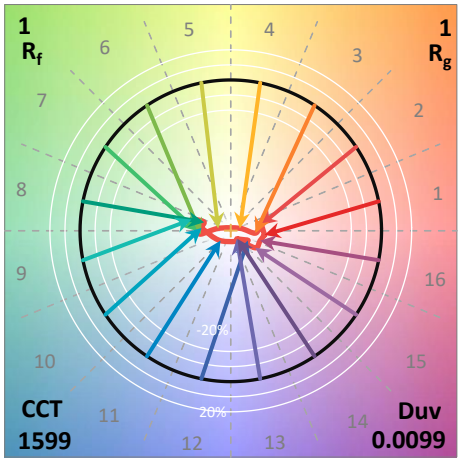
Spectral Power Distribution Comparison

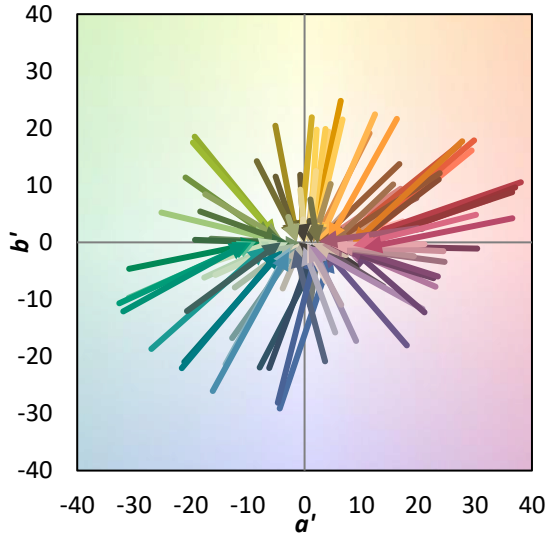


Color Vector Graphics







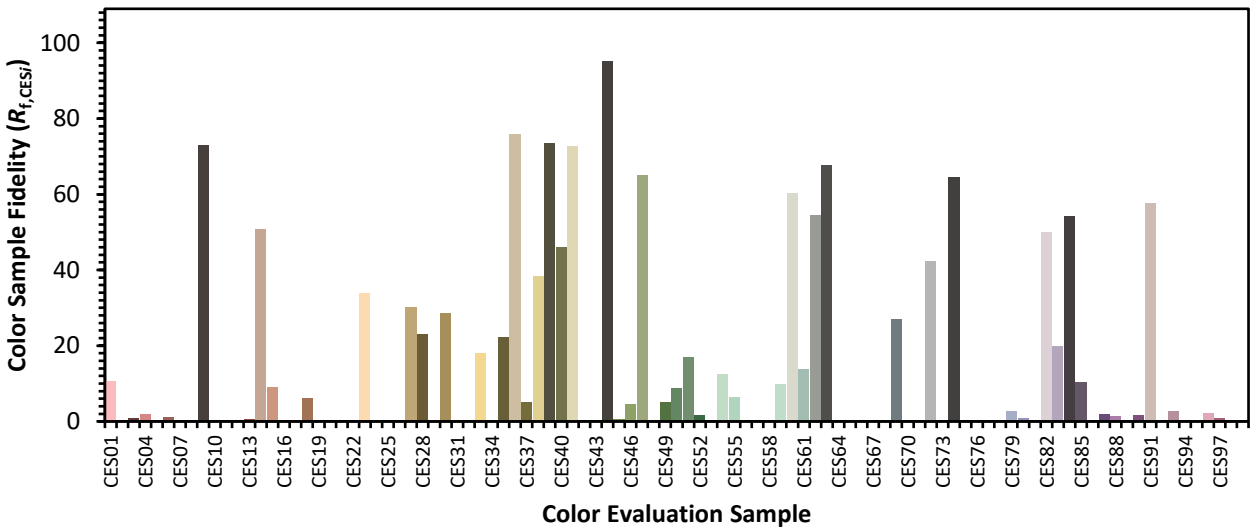


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Individual Sample Fidelity Index ($R_{f,i}$)

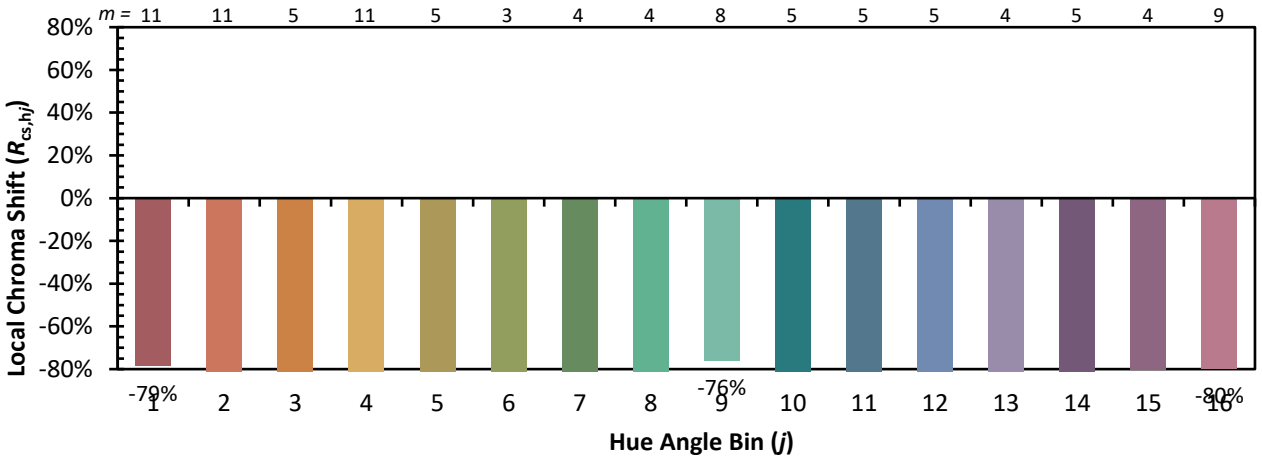
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

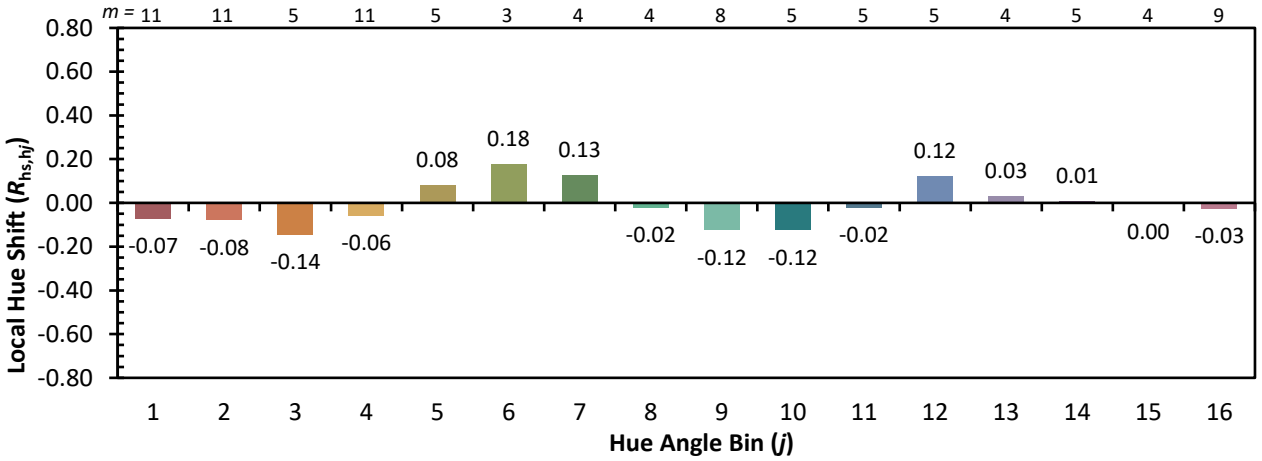


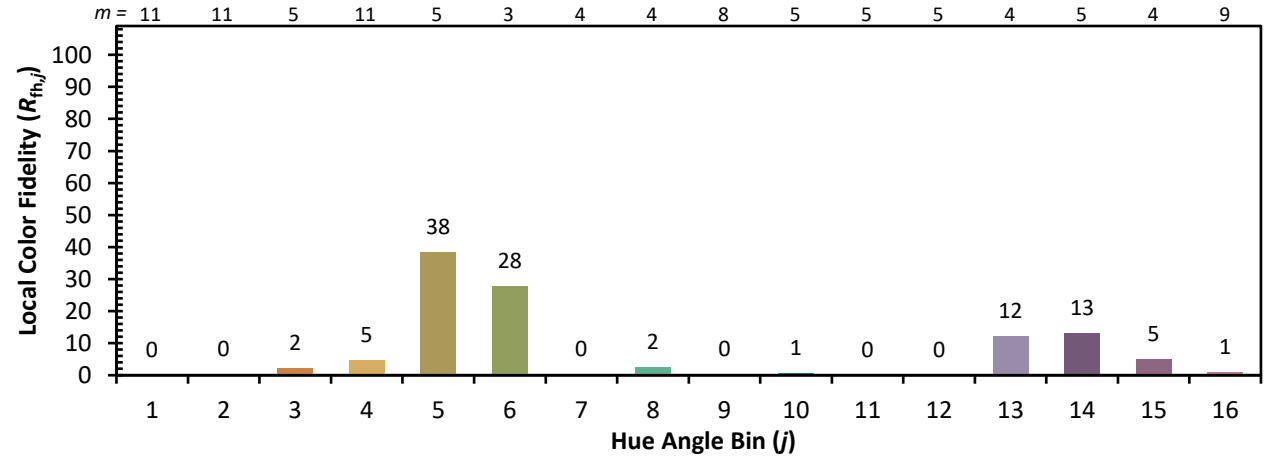
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Color Rendition by Hue-Angle Bin



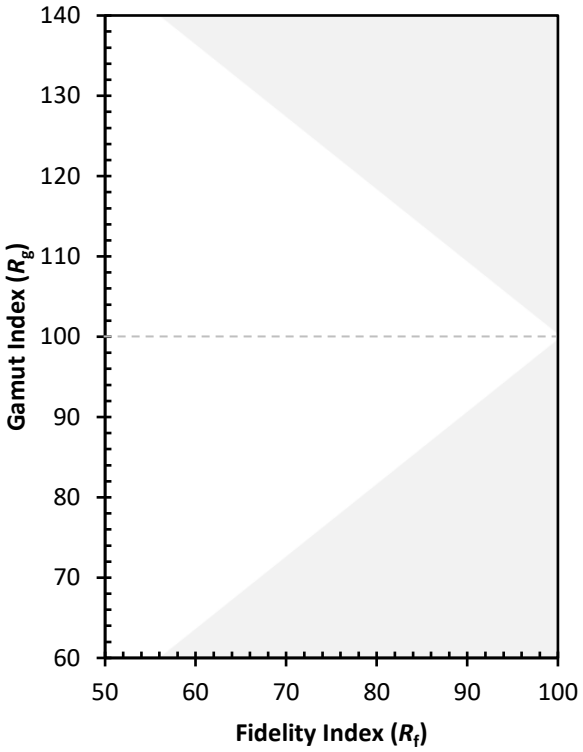


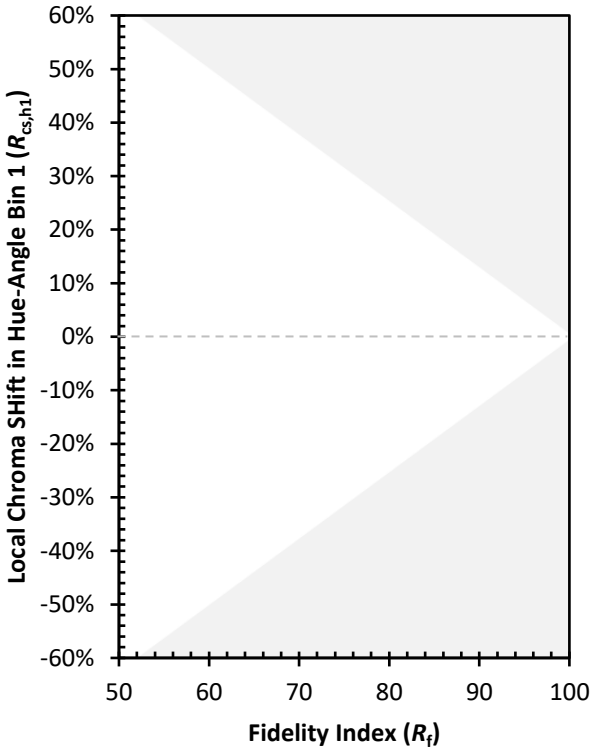


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Measure Comparisons





(END OF REPORT)