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-T3-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-T3-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T3 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:	1670.7 lumens
Efficiency:	N/A
Efficacy:	46.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

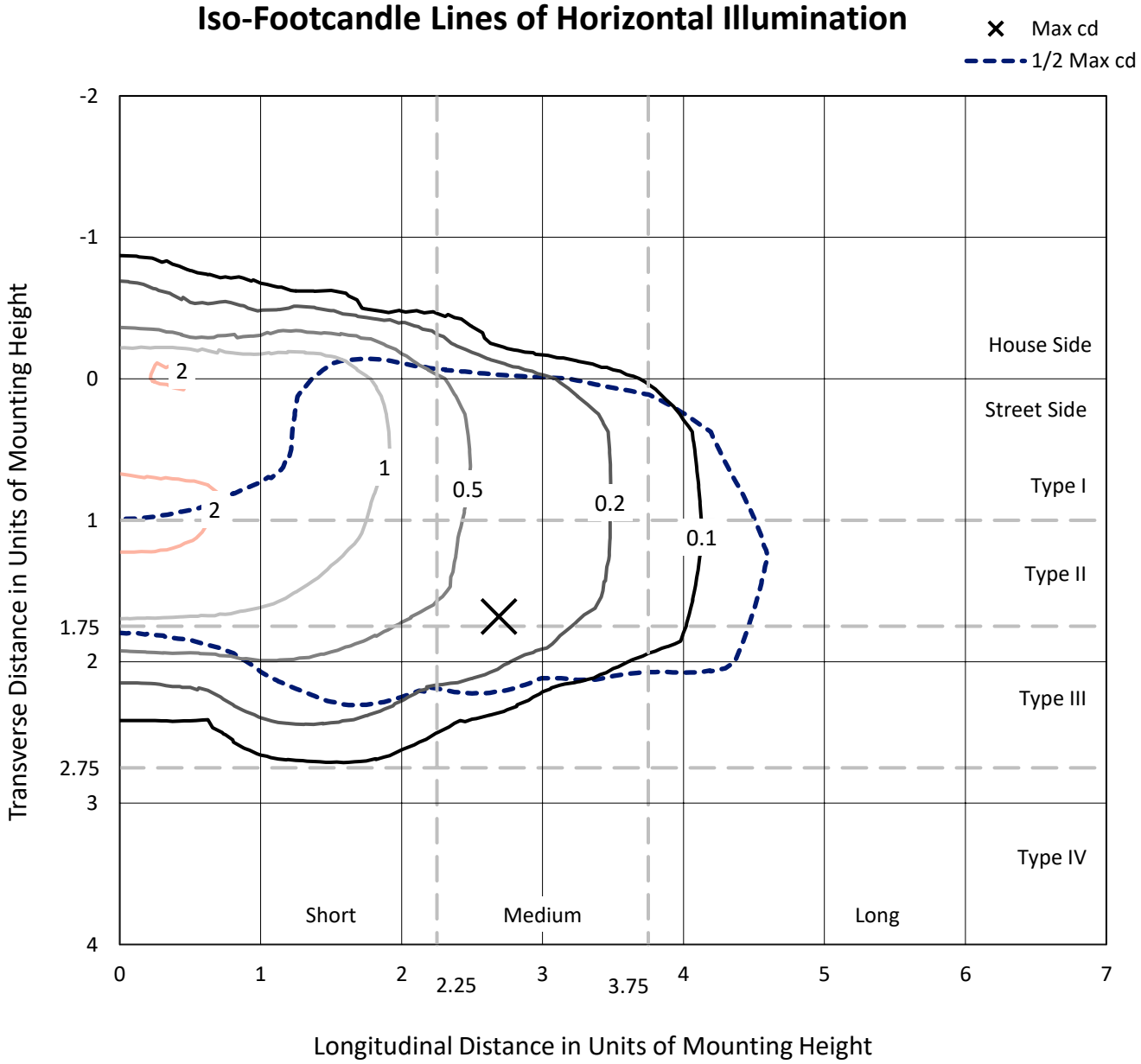


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination



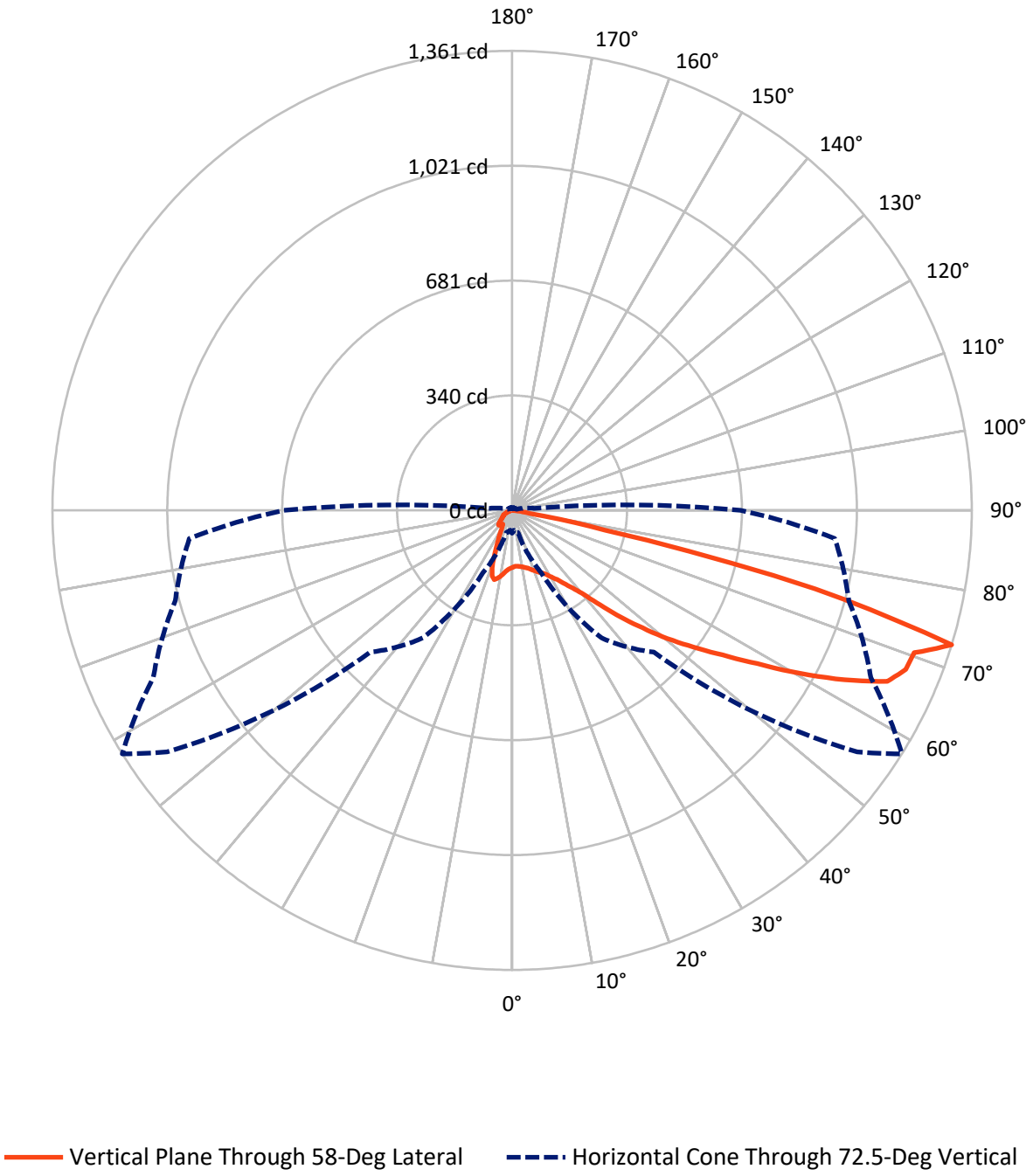
Based on 10 foot mounting height. Maximum calculated value = 2.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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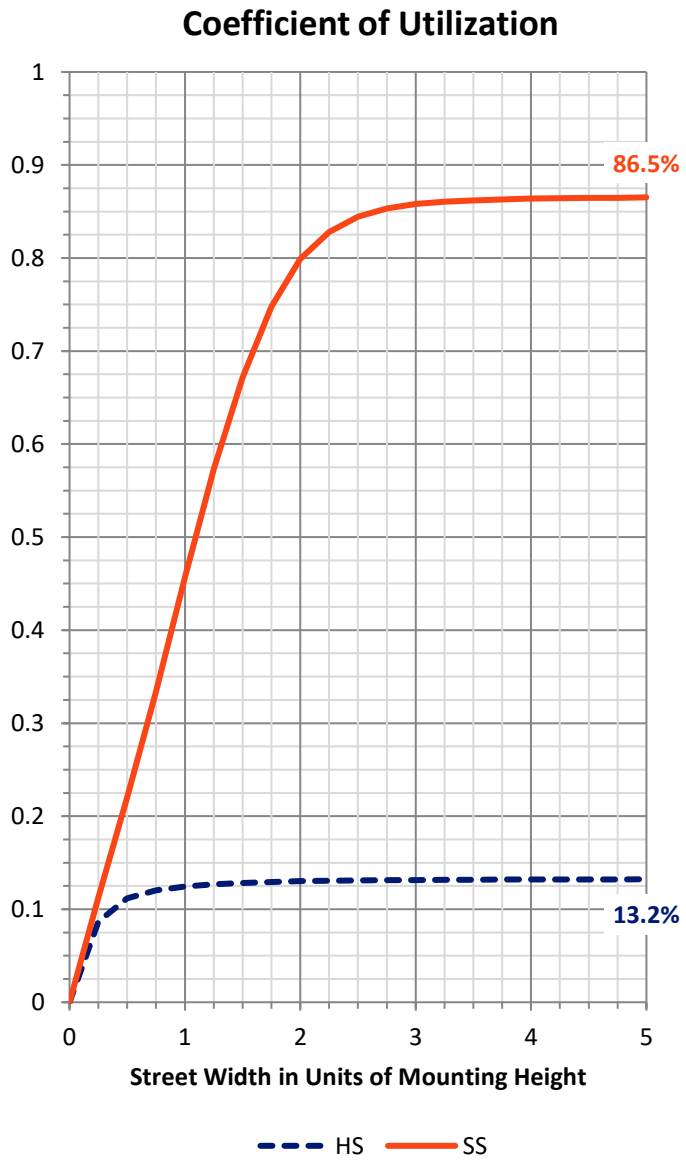
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	223.0	0.0	223.0
	% Fixture	13.3	0.0	13.3
Street Side	Lumens	1447.7	0.0	1447.7
	% Fixture	86.7	0.0	86.7
Total	Lumens	1670.7	0.0	1670.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	1.0
10°-20°	48.2	2.9
20°-30°	77.1	4.6
30°-40°	129.9	7.8
40°-50°	251.2	15.0
50°-60°	419.5	25.1
60°-70°	468.4	28.0
70°-80°	249.2	14.9
80°-90°	10.8	0.6
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°	1670.7	100.0
0°-180°	1670.7	100.0



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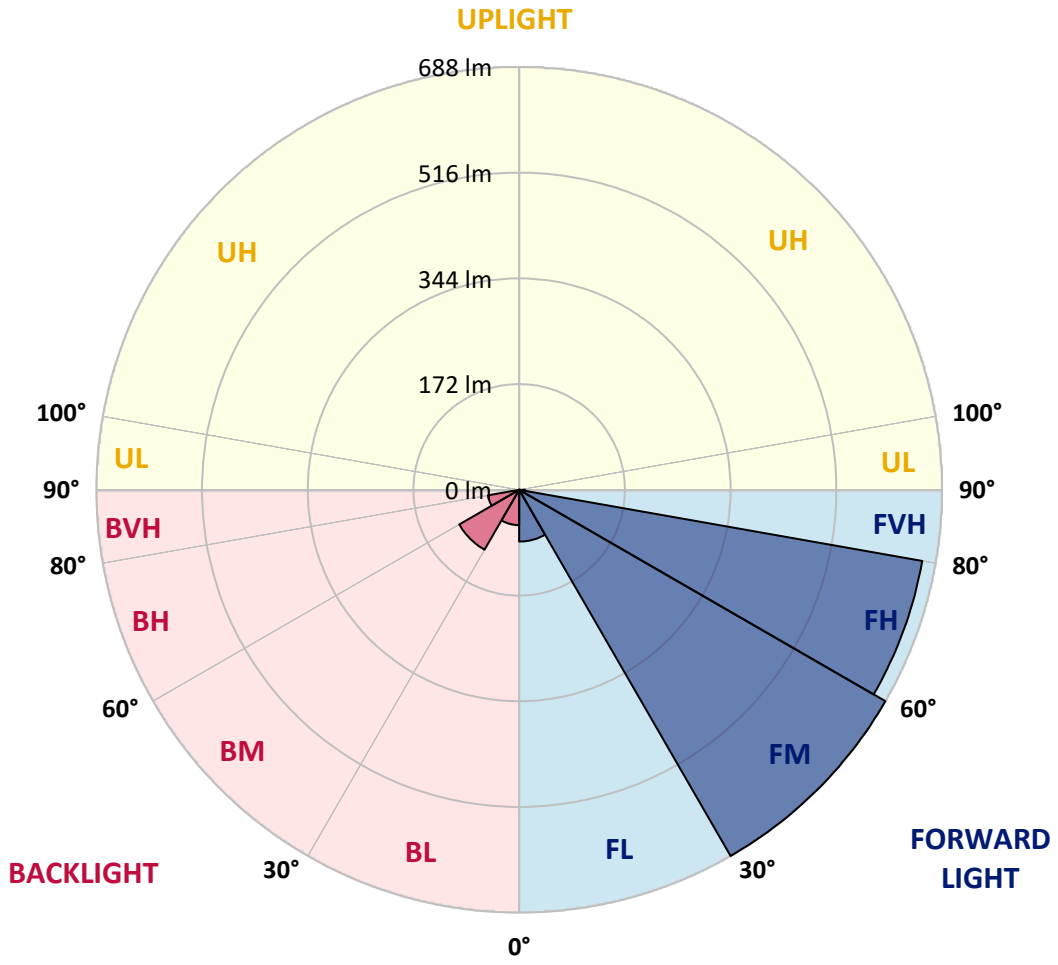
Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	84.2	5.0			
FM	(30°-60°)	688.0	41.2			
FH	(60°-80°)	665.9	39.9			G1/1800
FVH	(80°-90°)	9.6	0.6			G0/10
BL	(0°-30°)	57.5	3.4	B0/110		
BM	(30°-60°)	112.6	6.7	B0/220		
BH	(60°-80°)	51.6	3.1	B0/110		G0/110
BVH	(80°-90°)	1.3	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
2.5°	165.0	164.0	163.0	164.0	164.0	165.0	166.0	166.0	167.0	168.0	170.0
5°	158.0	157.0	157.0	158.0	160.0	162.0	164.0	166.0	168.0	172.0	175.0
7.5°	158.0	157.0	157.0	158.0	160.0	162.0	166.0	168.0	171.0	179.0	185.0
10°	160.0	160.0	160.0	162.0	162.0	165.0	169.0	170.0	177.0	188.0	197.0
12.5°	163.0	163.0	163.0	165.0	166.0	168.0	171.0	174.0	182.0	200.0	212.0
15°	167.0	166.0	167.0	169.0	171.0	173.0	176.0	178.0	187.0	212.0	228.0
17.5°	171.0	170.0	171.0	172.0	174.0	177.0	182.0	184.0	195.0	223.0	244.0
20°	175.0	174.0	175.0	176.0	178.0	182.0	189.0	191.0	202.0	234.0	259.0
22.5°	179.0	177.0	178.0	179.0	182.0	186.0	196.0	199.0	209.0	244.0	269.1
25°	185.0	183.0	182.0	184.0	186.0	192.0	203.0	205.0	219.0	254.0	280.1
27.5°	231.0	227.0	211.0	195.0	192.0	199.0	212.0	215.0	230.0	270.1	293.1
30°	279.1	275.1	263.0	238.0	207.0	209.0	224.0	229.0	245.0	286.1	304.1
32.5°	319.1	315.1	305.1	284.1	245.0	224.0	238.0	244.0	262.0	302.1	316.1
35°	369.1	362.1	353.1	328.1	296.1	255.0	260.0	266.0	285.1	325.1	334.1
37.5°	443.1	437.1	420.1	390.1	348.1	305.1	285.1	292.1	313.1	356.1	361.1
40°	527.1	523.1	512.1	483.1	423.1	367.1	330.1	327.1	345.1	391.1	395.1
42.5°	603.1	599.1	591.1	570.1	516.1	449.1	393.1	382.1	382.1	433.1	436.1
45°	676.1	675.1	665.1	641.1	596.1	541.1	471.1	451.1	431.1	480.1	488.1
47.5°	740.1	736.1	738.1	715.1	667.1	634.1	550.1	520.1	490.1	537.1	546.1
50°	784.1	784.1	801.2	788.1	738.1	709.1	628.1	597.1	564.1	608.1	611.1
52.5°	813.2	819.2	848.2	856.2	825.2	790.1	702.1	672.1	644.1	696.1	696.1
55°	833.2	837.2	873.2	909.2	921.2	874.2	781.1	756.1	738.1	793.1	770.1
57.5°	820.2	814.2	870.2	937.2	988.2	971.2	877.2	856.2	840.2	896.2	850.2
60°	757.1	761.1	822.2	935.2	1022.2	1045.2	993.2	980.2	957.2	992.2	929.2
62.5°	505.1	531.1	670.1	891.2	1039.2	1095.2	1110.2	1105.2	1064.2	1091.2	980.2
65°	256.0	262.0	363.1	725.1	999.2	1112.2	1212.2	1221.2	1150.2	1095.2	935.2
67.5°	175.0	177.0	208.0	597.1	864.2	1111.2	1273.2	1257.2	1118.2	1052.2	925.2
70°	130.0	131.0	148.0	439.1	713.1	980.2	1256.2	1263.2	1137.2	1056.2	921.2
72.5°	68.0	59.0	69.0	204.0	461.1	594.1	1247.2	1361.3	1172.2	1032.2	959.2
75°	17.0	18.0	26.0	59.0	132.0	283.1	611.1	927.2	1196.2	1046.2	929.2
77.5°	9.0	10.0	14.0	28.0	54.0	60.0	138.0	281.1	878.2	778.1	528.1
80°	6.0	7.0	9.0	15.0	29.0	26.0	42.0	52.0	170.0	348.1	129.0
82.5°	3.0	3.0	6.0	8.0	15.0	12.0	16.0	20.0	37.0	68.0	17.0
85°	2.0	2.0	4.0	4.0	6.0	5.0	6.0	7.0	13.0	14.0	8.0
87.5°	0.0	0.0	1.0	2.0	2.0	2.0	3.0	3.0	4.0	4.0	4.0
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-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
2.5°	170.0	171.0	172.0	172.0	172.0	172.0	173.0	173.0	172.0	173.0	173.0
5°	175.0	177.0	178.0	178.0	177.0	177.0	175.0	175.0	174.0	174.0	175.0
7.5°	187.0	188.0	189.0	188.0	185.0	182.0	178.0	175.0	172.0	172.0	172.0
10°	200.0	202.0	202.0	200.0	195.0	186.0	178.0	169.0	161.0	156.0	156.0
12.5°	216.0	217.0	218.0	212.0	202.0	188.0	162.0	136.0	115.0	107.0	107.0
15°	233.0	234.0	233.0	223.0	207.0	167.0	120.0	84.0	71.0	67.0	67.0
17.5°	248.0	247.0	244.0	232.0	190.0	120.0	74.0	62.0	61.0	61.0	60.0
20°	261.0	259.0	254.0	231.0	150.0	77.0	62.0	59.0	58.0	58.0	58.0
22.5°	269.1	267.1	258.0	212.0	103.0	63.0	60.0	57.0	56.0	55.0	55.0
25°	278.1	275.1	258.0	175.0	70.0	59.0	58.0	54.0	52.0	51.0	51.0
27.5°	288.1	283.1	257.0	128.0	59.0	56.0	54.0	51.0	49.0	47.0	47.0
30°	298.1	291.1	250.0	85.0	53.0	51.0	48.0	46.0	45.0	44.0	44.0
32.5°	309.1	297.1	233.0	58.0	49.0	45.0	42.0	39.0	39.0	40.0	40.0
35°	323.1	305.1	213.0	50.0	48.0	41.0	37.0	34.0	34.0	35.0	36.0
37.5°	343.1	321.1	192.0	53.0	50.0	38.0	32.0	29.0	29.0	29.0	29.0
40°	374.1	343.1	175.0	63.0	53.0	36.0	28.0	25.0	24.0	24.0	24.0
42.5°	411.1	371.1	157.0	71.0	54.0	32.0	25.0	23.0	22.0	22.0	22.0
45°	452.1	408.1	153.0	69.0	51.0	28.0	22.0	21.0	21.0	20.0	20.0
47.5°	505.1	454.1	172.0	64.0	43.0	25.0	21.0	20.0	20.0	19.0	19.0
50°	567.1	504.1	196.0	60.0	35.0	23.0	20.0	19.0	19.0	18.0	18.0
52.5°	634.1	565.1	201.0	57.0	30.0	21.0	19.0	18.0	18.0	17.0	17.0
55°	705.1	622.1	182.0	52.0	27.0	20.0	19.0	18.0	17.0	16.0	16.0
57.5°	772.1	665.1	156.0	49.0	25.0	19.0	18.0	17.0	16.0	15.0	15.0
60°	838.2	673.1	108.0	45.0	23.0	18.0	17.0	16.0	15.0	14.0	14.0
62.5°	877.2	615.1	57.0	40.0	21.0	17.0	16.0	15.0	13.0	11.0	11.0
65°	816.2	484.1	34.0	34.0	18.0	15.0	15.0	14.0	11.0	9.0	8.0
67.5°	779.1	354.1	22.0	26.0	16.0	13.0	13.0	12.0	10.0	8.0	7.0
70°	721.1	184.0	17.0	16.0	13.0	10.0	10.0	10.0	9.0	7.0	6.0
72.5°	*676.1*	*67.0*	*13.0*	*12.0*	*10.0*	*7.0*	*9.0*	*9.0*	*7.0*	*5.0*	*5.0*
75°	549.1	28.0	10.0	9.0	7.0	6.0	7.0	7.0	5.0	4.0	4.0
77.5°	258.0	15.0	8.0	7.0	5.0	4.0	5.0	5.0	4.0	3.0	3.0
80°	60.0	10.0	6.0	5.0	4.0	3.0	4.0	3.0	2.0	2.0	2.0
82.5°	13.0	6.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
85°	6.0	4.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
87.5°	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	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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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

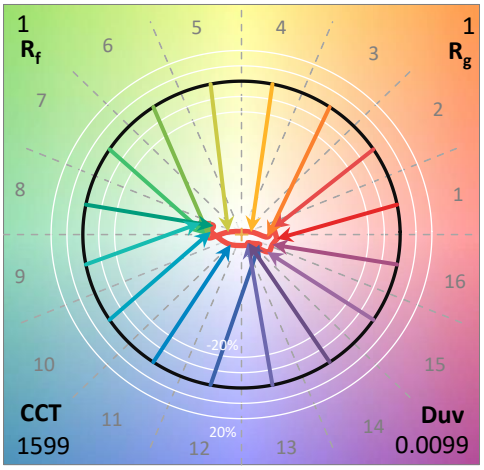
Test Information

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

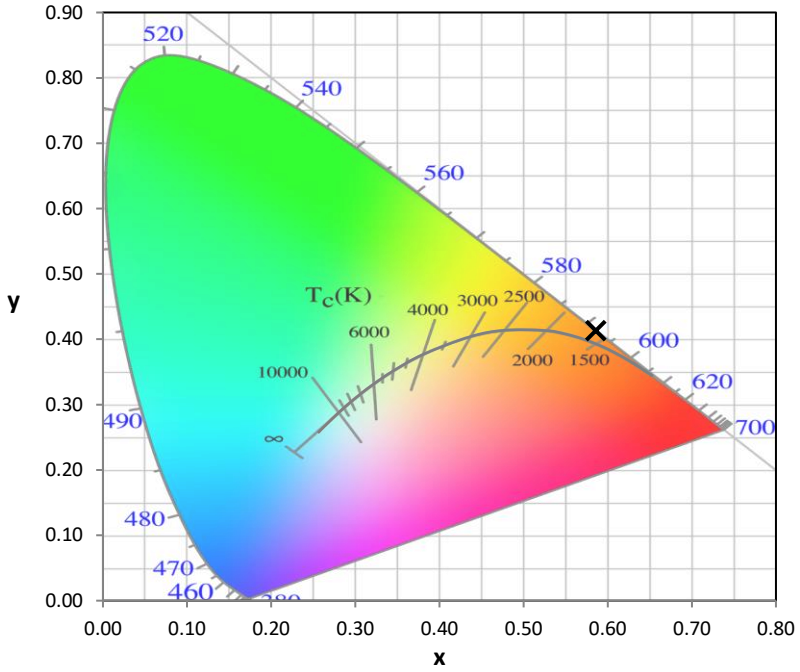
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

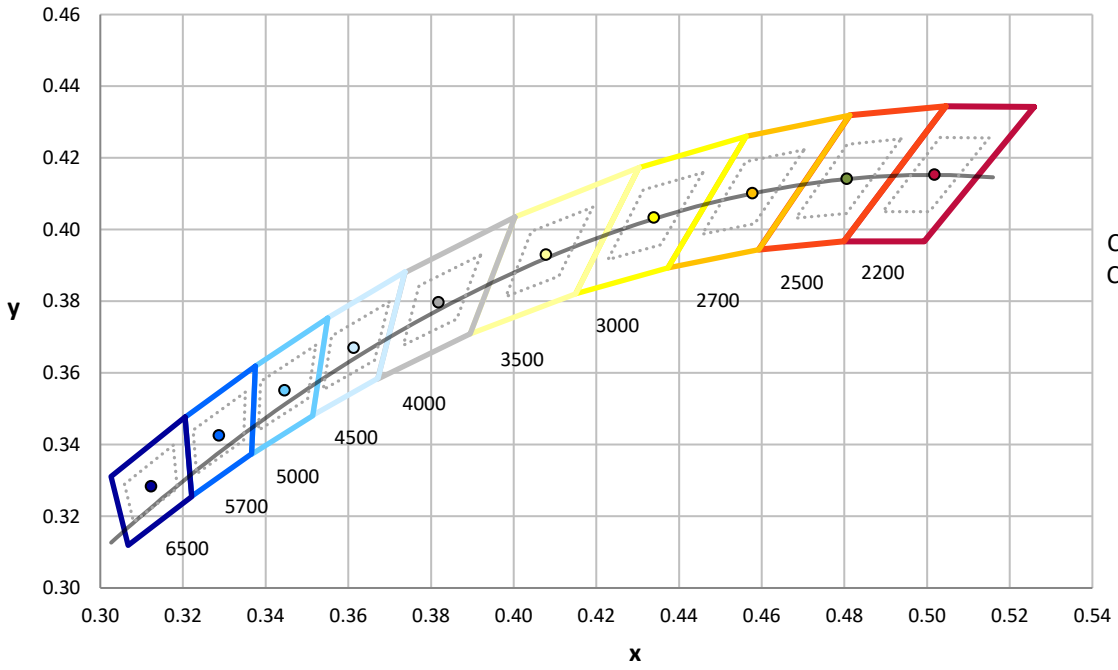
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

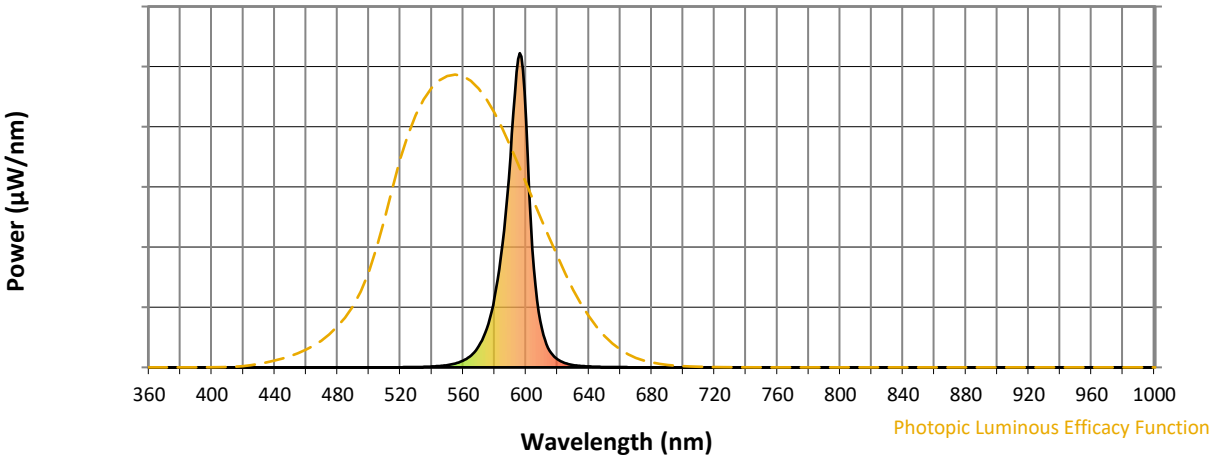


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

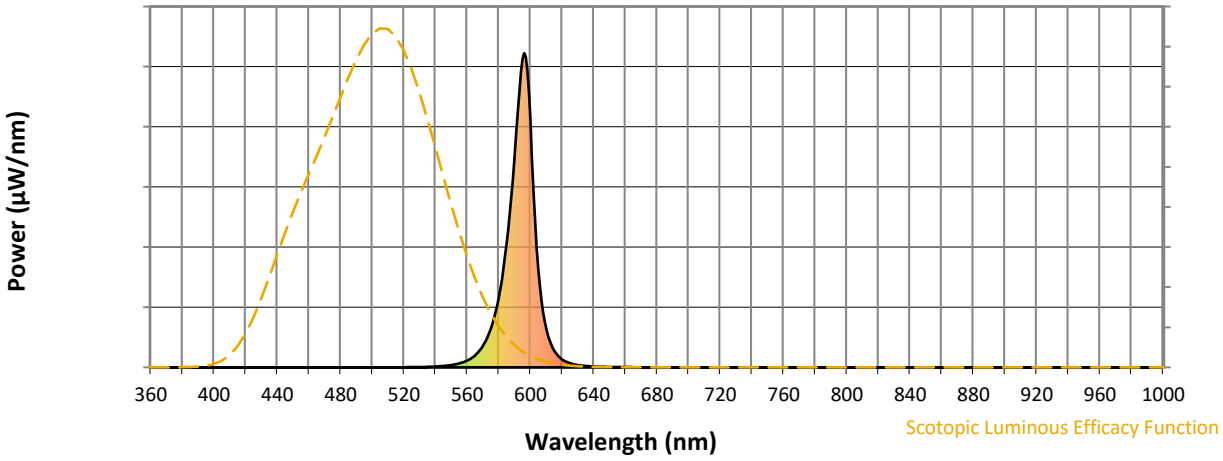


Photopic Lumens: NR

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

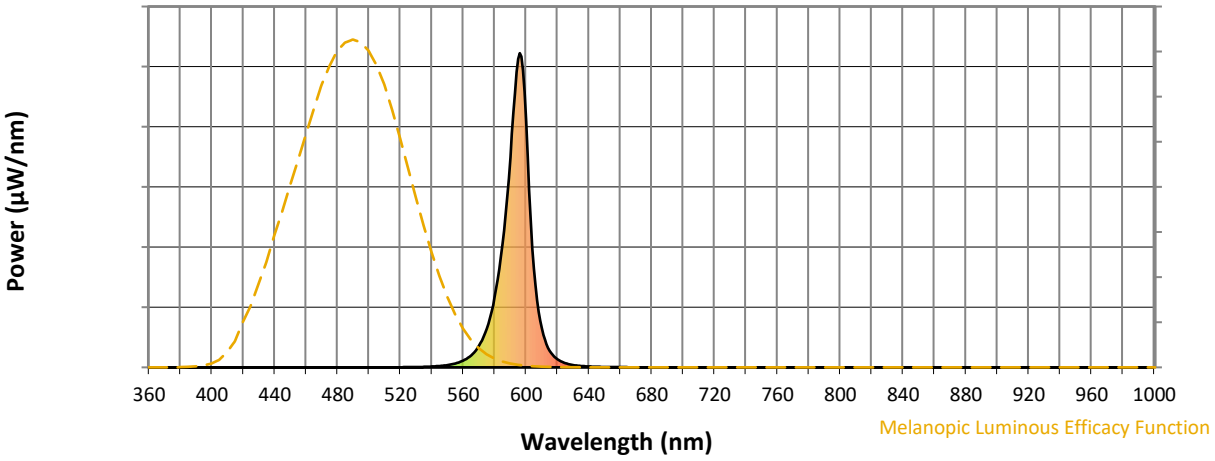


Scotopic Lumens: NR **S/P: 0.23**

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			

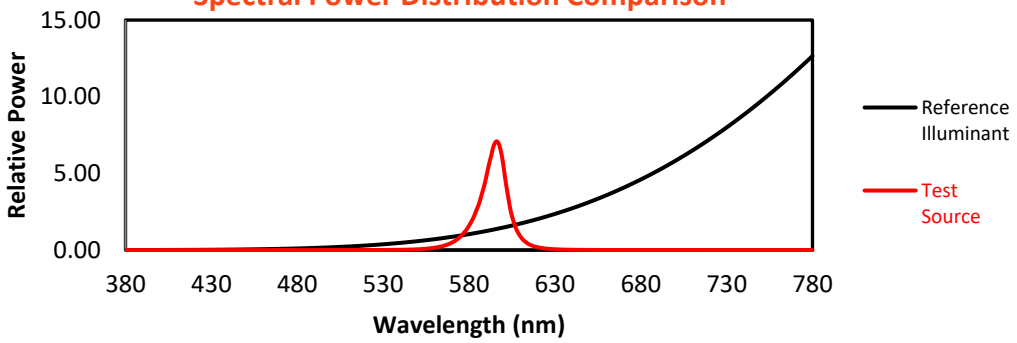
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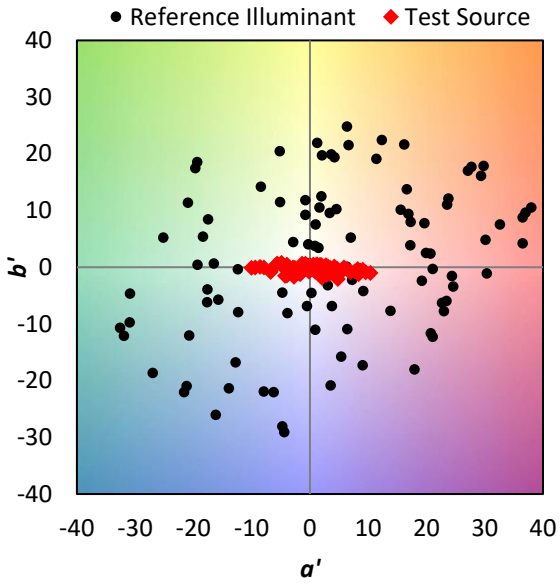
Summary

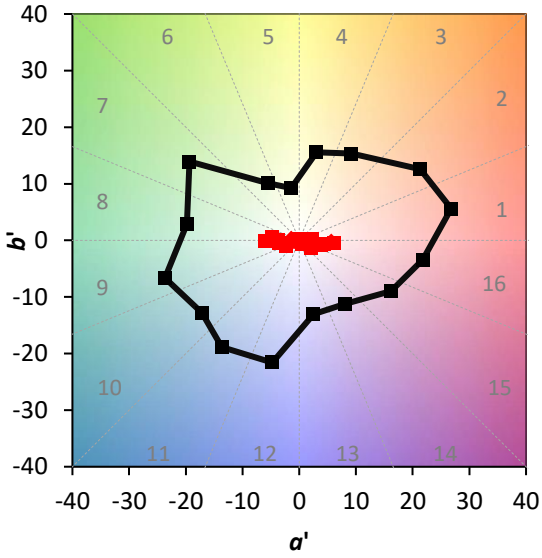
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

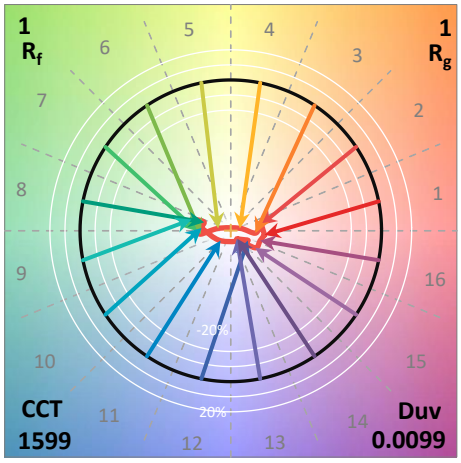
Spectral Power Distribution Comparison

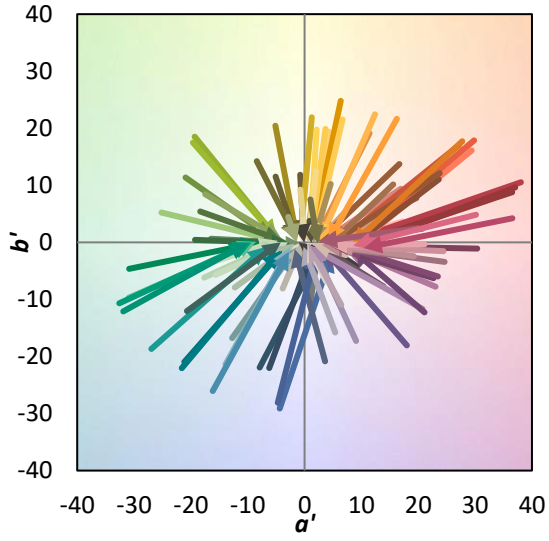


Color Vector Graphics







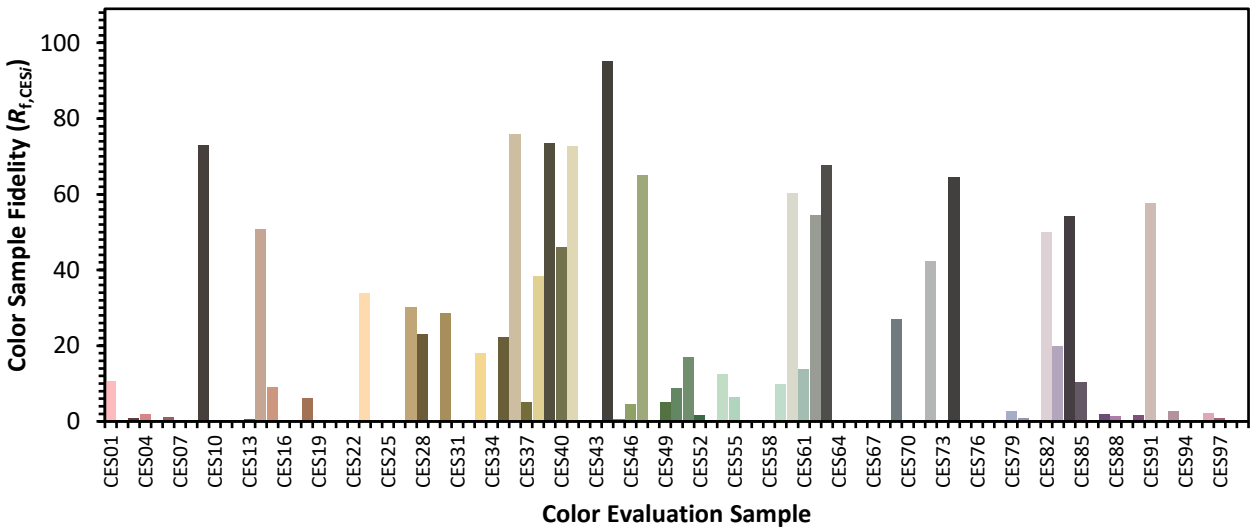


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Individual Sample Fidelity Index ($R_{f,i}$)

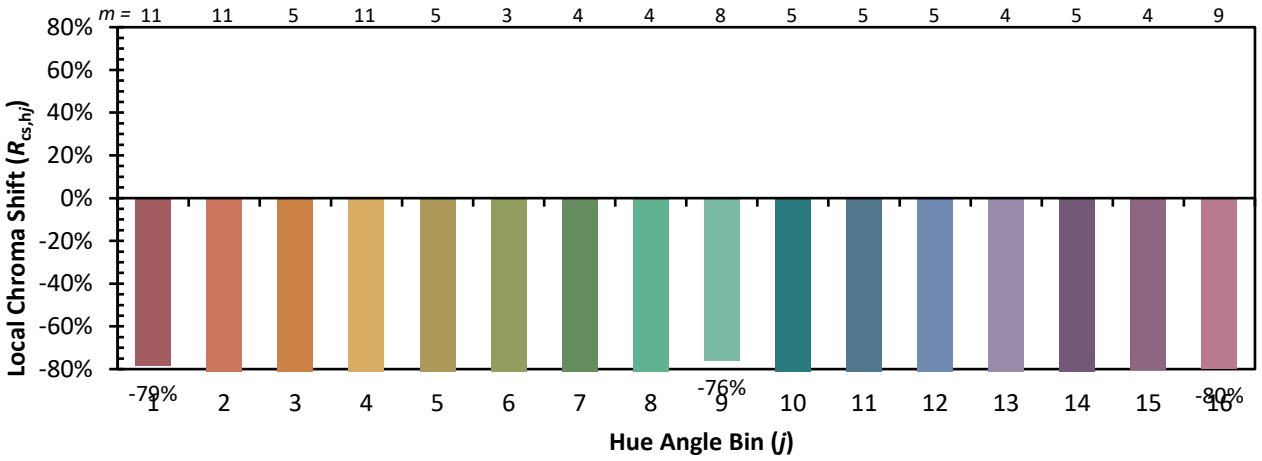
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

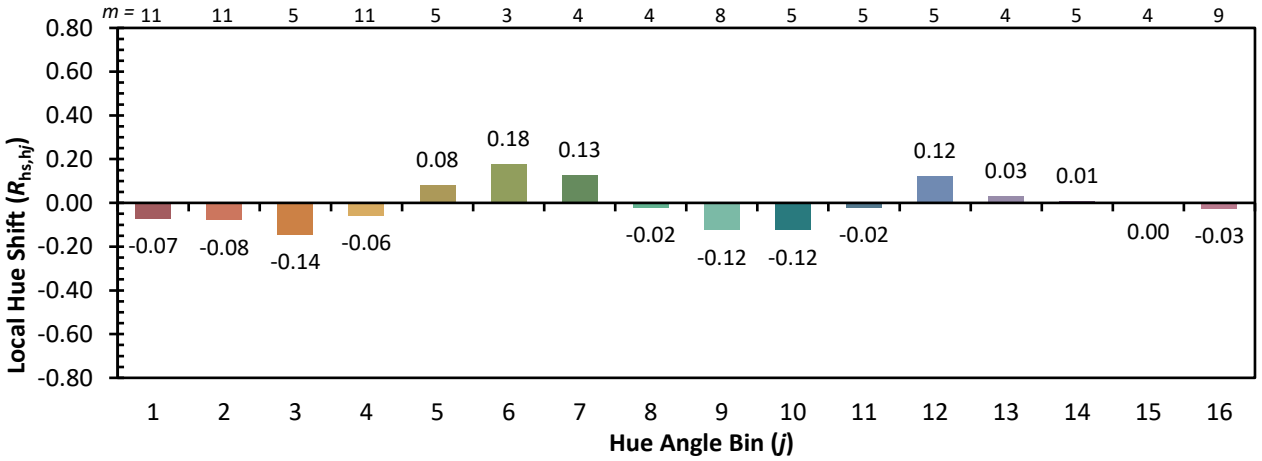


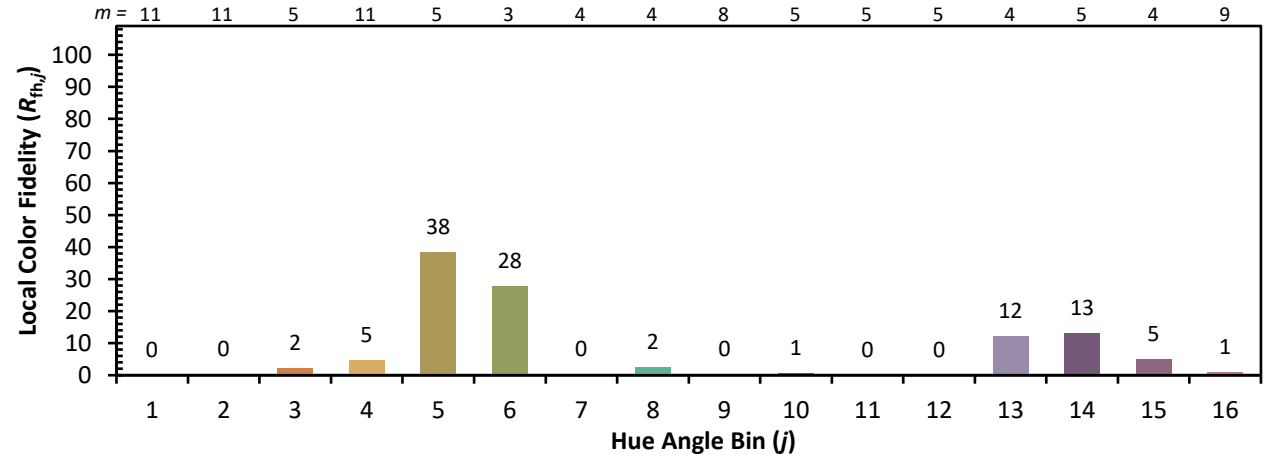
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Color Rendition by Hue-Angle Bin



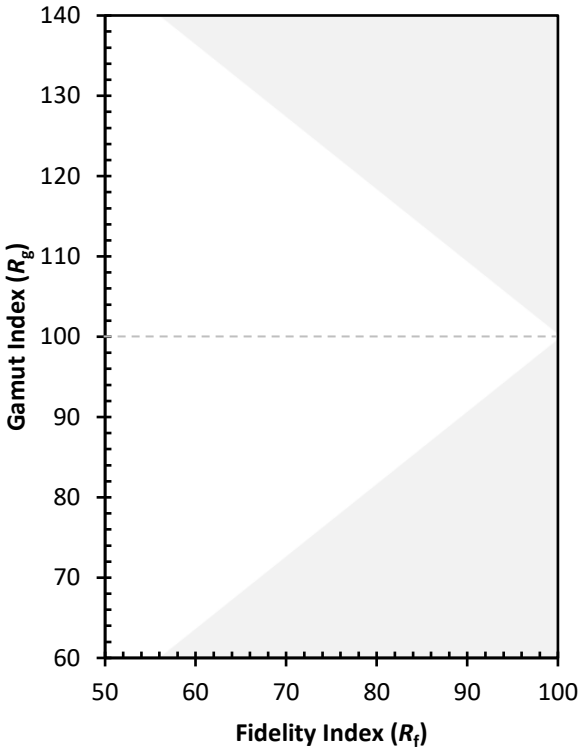


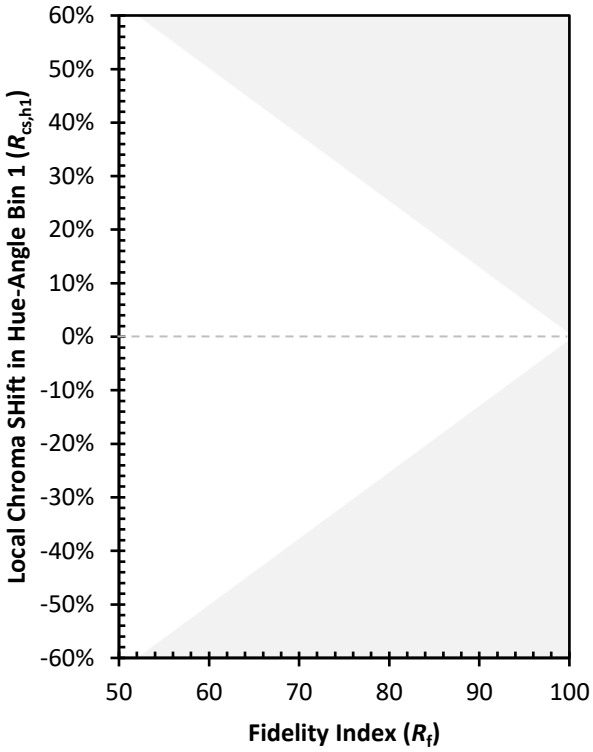


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Measure Comparisons





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