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-T2U-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-T2U-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T2 URBAN 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:	1678.8 lumens
Efficiency:	N/A
Efficacy:	46.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G0

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

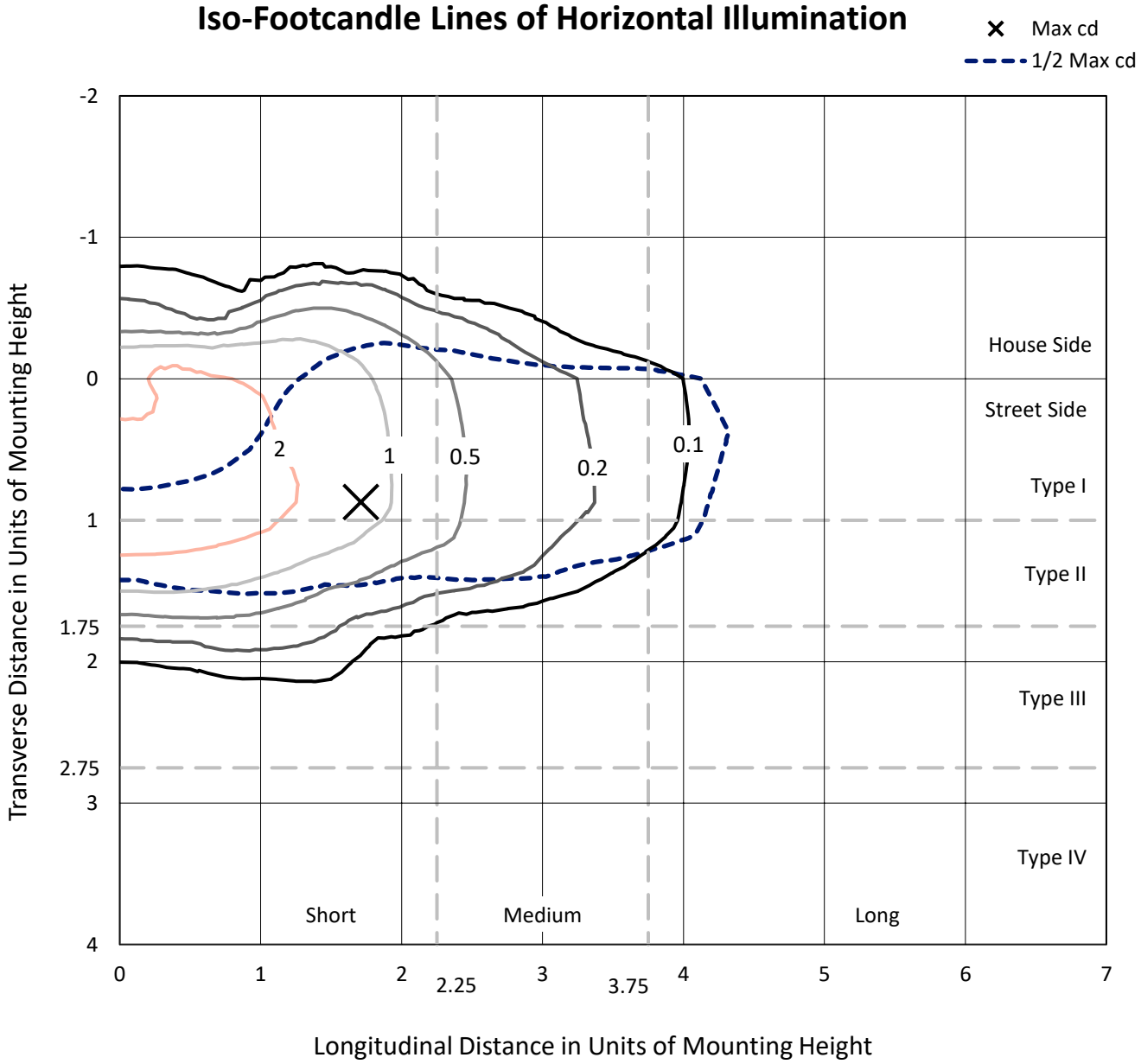


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REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2U-HSS

Iso-Footcandle Lines of Horizontal Illumination



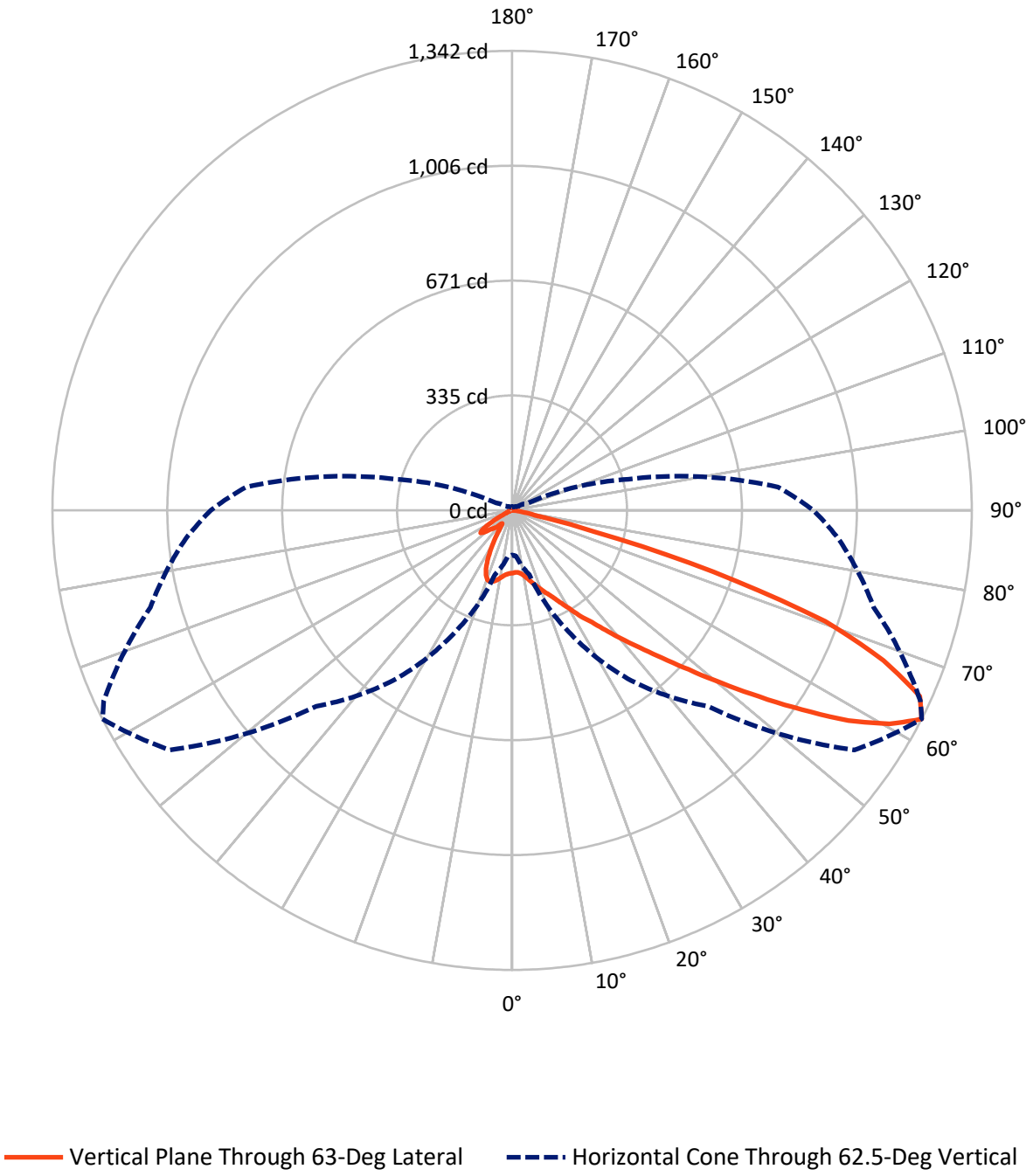
Based on 10 foot mounting height. Maximum calculated value = 3.5 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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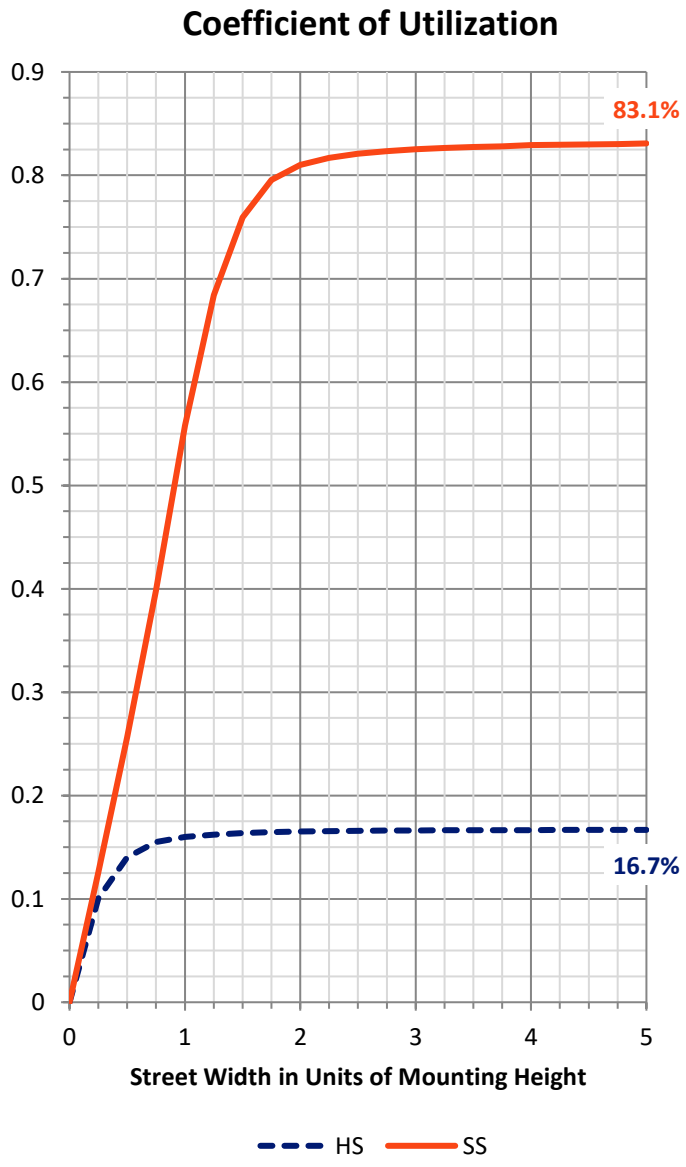
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T2U-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	282.5	0.0	282.5
	% Fixture	16.8	0.0	16.8
Street Side	Lumens	1396.3	0.0	1396.3
	% Fixture	83.2	0.0	83.2
Total	Lumens	1678.8	0.0	1678.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	1.1
10°-20°	53.7	3.2
20°-30°	93.7	5.6
30°-40°	169.4	10.1
40°-50°	331.7	19.8
50°-60°	468.0	27.9
60°-70°	371.7	22.1
70°-80°	161.1	9.6
80°-90°	11.8	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°	1678.8	100.0
0°-180°	1678.8	100.0



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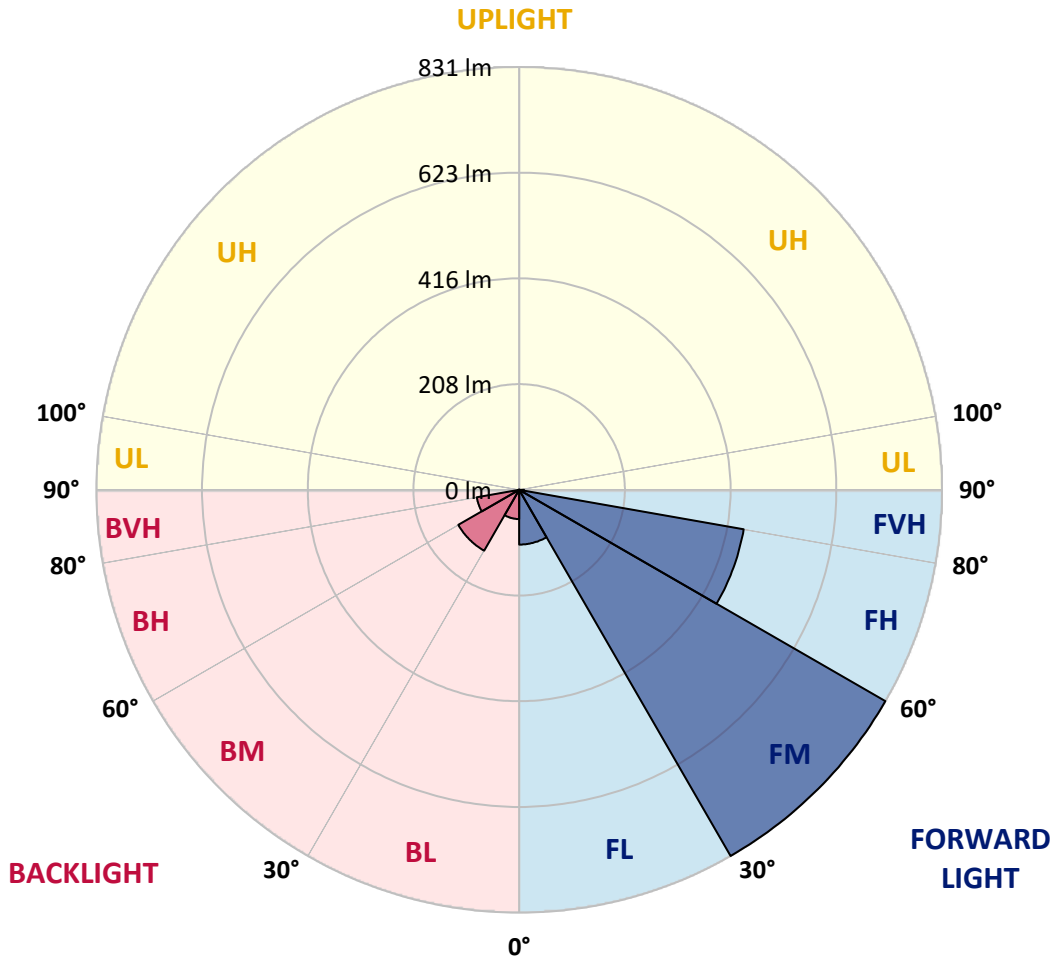
Scaled Data Report

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CATALOG NUMBER: GSS-SB1A-AMB-U-T2U-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	107.7	6.4			
FM	(30°-60°)	831.1	49.5			
FH	(60°-80°)	448.1	26.7			G0/660
FVH	(80°-90°)	9.5	0.6			G0/10
BL	(0°-30°)	57.5	3.4	B0/110		
BM	(30°-60°)	138.0	8.2	B0/220		
BH	(60°-80°)	84.7	5.0	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-G0
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	183.1	183.1	183.1	183.1	183.1	183.1	183.1	*183.1*	183.1	183.1	183.1
2.5°	182.1	181.1	181.1	180.1	181.1	181.1	181.1	*181.1*	182.1	183.1	184.1
5°	180.1	179.1	178.1	179.1	180.1	180.1	182.1	*182.1*	183.1	186.1	187.1
7.5°	184.1	183.1	182.1	183.1	183.1	184.1	185.1	*186.1*	187.1	191.1	193.1
10°	195.1	193.1	191.1	192.1	192.1	191.1	192.1	*194.1*	194.1	200.1	203.1
12.5°	206.1	205.1	204.1	203.1	201.1	202.1	203.1	*205.1*	206.1	212.1	216.1
15°	221.1	221.1	218.1	217.1	216.1	214.1	216.1	*219.1*	219.1	226.1	229.1
17.5°	236.1	236.1	233.1	231.1	230.1	228.1	229.1	*232.1*	234.1	241.1	245.1
20°	251.1	250.1	248.1	248.1	246.1	245.1	245.1	*248.1*	249.1	257.1	260.1
22.5°	269.1	267.1	264.1	264.1	262.1	261.1	262.1	*264.1*	266.1	276.1	277.1
25°	285.1	283.1	283.1	281.1	280.1	282.1	284.1	*283.1*	287.1	294.1	295.1
27.5°	306.1	303.1	301.1	302.1	301.1	306.1	307.1	*307.1*	310.1	318.1	316.1
30°	336.2	334.2	328.2	328.2	328.2	330.2	334.2	*334.2*	337.2	345.2	339.2
32.5°	404.2	406.2	380.2	363.2	356.2	356.2	364.2	*369.2*	369.2	373.2	366.2
35°	531.2	520.2	489.2	438.2	401.2	393.2	399.2	*401.2*	402.2	409.2	394.2
37.5°	649.3	643.3	614.3	557.3	479.2	439.2	440.2	*443.2*	444.2	448.2	430.2
40°	768.4	757.4	739.3	689.3	596.3	508.2	495.2	*493.2*	493.2	494.2	471.2
42.5°	855.4	853.4	837.4	808.4	729.3	616.3	558.3	*547.3*	545.3	542.3	515.2
45°	911.4	911.4	909.4	906.4	862.4	756.4	643.3	*614.3*	610.3	597.3	565.3
47.5°	918.4	918.4	939.4	970.5	970.5	908.4	764.4	*694.3*	685.3	660.3	616.3
50°	855.4	854.4	906.4	990.5	1047.5	1044.5	908.4	*791.4*	773.4	725.3	675.3
52.5°	775.4	777.4	833.4	936.4	1072.5	1138.5	1045.5	*903.4*	874.4	798.4	739.3
55°	666.3	673.3	755.4	845.4	1008.5	1203.6	1166.5	*1026.5*	988.5	872.4	799.4
57.5°	520.2	527.2	633.3	748.3	896.4	1156.5	1235.6	*1157.5*	1110.5	952.4	867.4
60°	246.1	261.1	412.2	607.3	773.4	1012.5	1258.6	*1265.6*	1232.6	1032.5	926.4
62.5°	*130.1*	*134.1*	*194.1*	*390.2*	*606.3*	*808.4*	*1219.6*	*1341.6*	*1314.6*	*1092.5*	*956.4*
65°	84.0	86.0	117.1	230.1	380.2	576.3	1056.5	*1307.6*	1292.6	1057.5	904.4
67.5°	65.0	66.0	81.0	139.1	259.1	281.1	696.3	*1168.5*	1202.6	1026.5	891.4
70°	57.0	57.0	62.0	89.0	186.1	153.1	371.2	*969.5*	1077.5	1016.5	856.4
72.5°	40.0	42.0	51.0	62.0	129.1	107.0	105.0	*614.3*	780.4	1006.5	821.4
75°	25.0	26.0	32.0	53.0	73.0	72.0	62.0	*246.1*	418.2	921.4	814.4
77.5°	16.0	17.0	21.0	36.0	46.0	46.0	47.0	*68.0*	116.1	558.3	630.3
80°	10.0	11.0	15.0	24.0	31.0	27.0	30.0	*37.0*	41.0	194.1	306.1
82.5°	3.0	3.0	9.0	12.0	19.0	16.0	14.0	*20.0*	23.0	57.0	57.0
85°	2.0	2.0	5.0	6.0	8.0	7.0	5.0	*9.0*	11.0	17.0	12.0
87.5°	0.0	0.0	0.0	1.0	1.0	1.0	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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Scaled Data Report

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CATALOG NUMBER: GSS-SB1A-AMB-U-T2U-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1
2.5°	184.1	184.1	185.1	184.1	184.1	184.1	183.1	183.1	182.1	183.1	184.1
5°	187.1	188.1	189.1	187.1	186.1	185.1	183.1	182.1	179.1	181.1	180.1
7.5°	194.1	195.1	195.1	192.1	189.1	184.1	181.1	177.1	173.1	172.1	171.1
10°	206.1	206.1	205.1	200.1	194.1	184.1	176.1	169.1	164.1	160.1	160.1
12.5°	218.1	219.1	216.1	210.1	198.1	184.1	166.1	146.1	127.1	119.1	116.1
15°	232.1	232.1	227.1	217.1	200.1	175.1	131.1	95.0	76.0	69.0	68.0
17.5°	246.1	244.1	237.1	223.1	196.1	136.1	84.0	60.0	52.0	50.0	50.0
20°	260.1	256.1	246.1	226.1	172.1	92.0	55.0	49.0	46.0	45.0	44.0
22.5°	274.1	268.1	254.1	223.1	127.1	60.0	47.0	44.0	41.0	40.0	40.0
25°	290.1	280.1	261.1	206.1	87.0	48.0	42.0	39.0	37.0	36.0	36.0
27.5°	307.1	292.1	264.1	174.1	59.0	42.0	38.0	35.0	33.0	32.0	32.0
30°	325.2	305.1	267.1	134.1	44.0	37.0	33.0	31.0	30.0	29.0	29.0
32.5°	346.2	321.1	269.1	95.0	39.0	33.0	30.0	28.0	27.0	26.0	27.0
35°	371.2	342.2	267.1	65.0	34.0	30.0	28.0	26.0	25.0	24.0	24.0
37.5°	404.2	368.2	262.1	52.0	31.0	28.0	26.0	24.0	22.0	22.0	21.0
40°	439.2	397.2	258.1	58.0	30.0	28.0	26.0	23.0	21.0	20.0	19.0
42.5°	480.2	431.2	258.1	71.0	30.0	27.0	24.0	21.0	19.0	18.0	18.0
45°	525.2	469.2	271.1	82.0	32.0	26.0	23.0	20.0	18.0	17.0	17.0
47.5°	570.3	511.2	302.1	90.0	31.0	25.0	21.0	18.0	16.0	16.0	16.0
50°	624.3	559.3	341.2	102.0	30.0	23.0	19.0	17.0	15.0	15.0	15.0
52.5°	678.3	606.3	387.2	123.1	30.0	21.0	18.0	16.0	15.0	14.0	14.0
55°	735.3	659.3	419.2	134.1	28.0	20.0	17.0	15.0	14.0	13.0	13.0
57.5°	795.4	710.3	438.2	122.1	25.0	19.0	16.0	14.0	13.0	13.0	12.0
60°	851.4	759.4	418.2	88.0	23.0	17.0	15.0	13.0	12.0	11.0	11.0
62.5°	*879.4*	*779.4*	*351.2*	*51.0*	*21.0*	*15.0*	*13.0*	*12.0*	*11.0*	*10.0*	*9.0*
65°	834.4	717.3	224.1	29.0	18.0	13.0	11.0	11.0	9.0	7.0	7.0
67.5°	834.4	665.3	102.0	18.0	15.0	11.0	10.0	9.0	7.0	6.0	6.0
70°	807.4	543.3	41.0	14.0	12.0	9.0	8.0	8.0	6.0	5.0	5.0
72.5°	784.4	386.2	17.0	11.0	9.0	6.0	6.0	6.0	5.0	4.0	3.0
75°	775.4	282.1	11.0	8.0	6.0	5.0	5.0	5.0	4.0	2.0	2.0
77.5°	575.3	198.1	8.0	6.0	4.0	3.0	3.0	3.0	2.0	1.0	1.0
80°	305.1	100.0	6.0	4.0	3.0	2.0	2.0	1.0	0.0	0.0	0.0
82.5°	51.0	34.0	4.0	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
85°	7.0	5.0	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	2.0	1.0	1.0	0.0	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

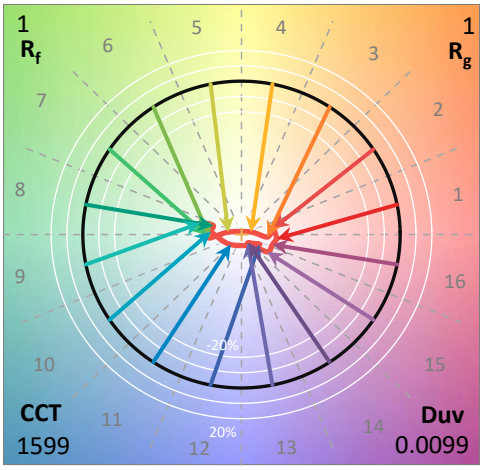
Test Information

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

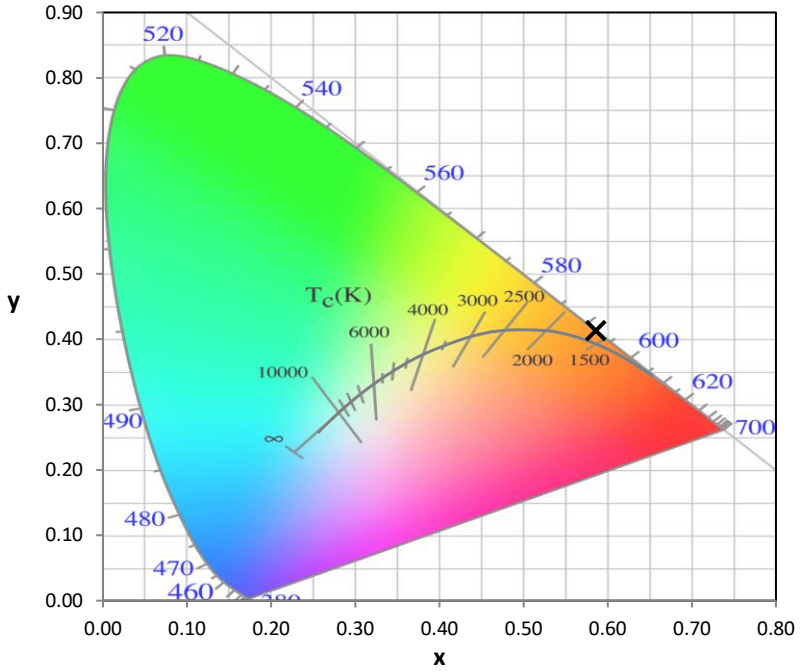
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

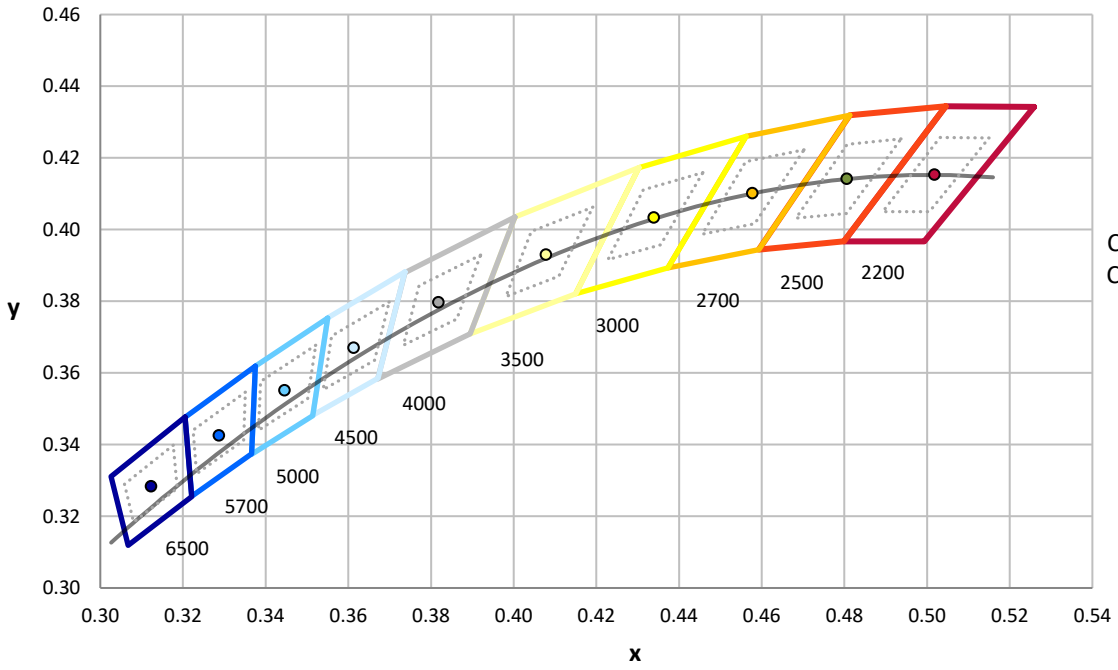
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

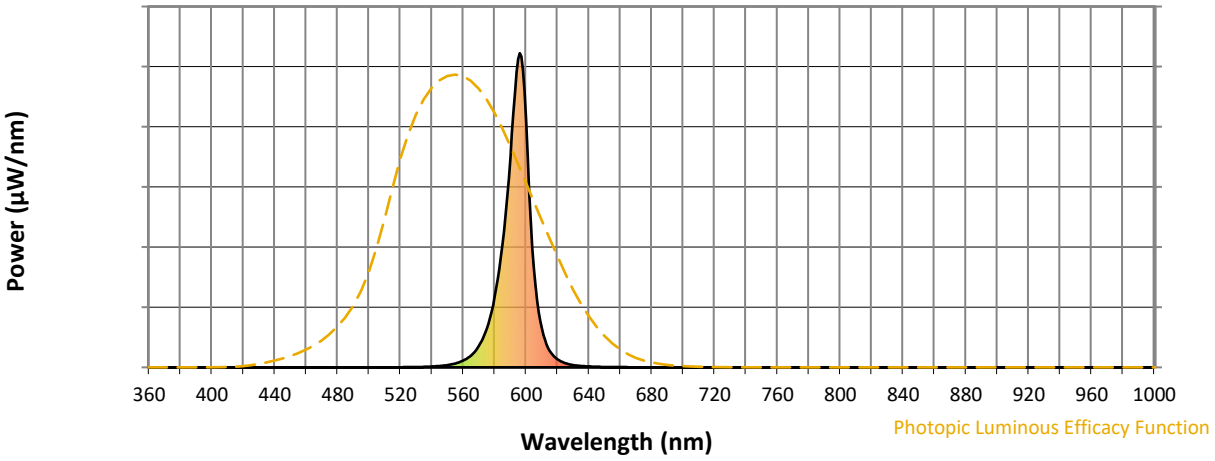


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

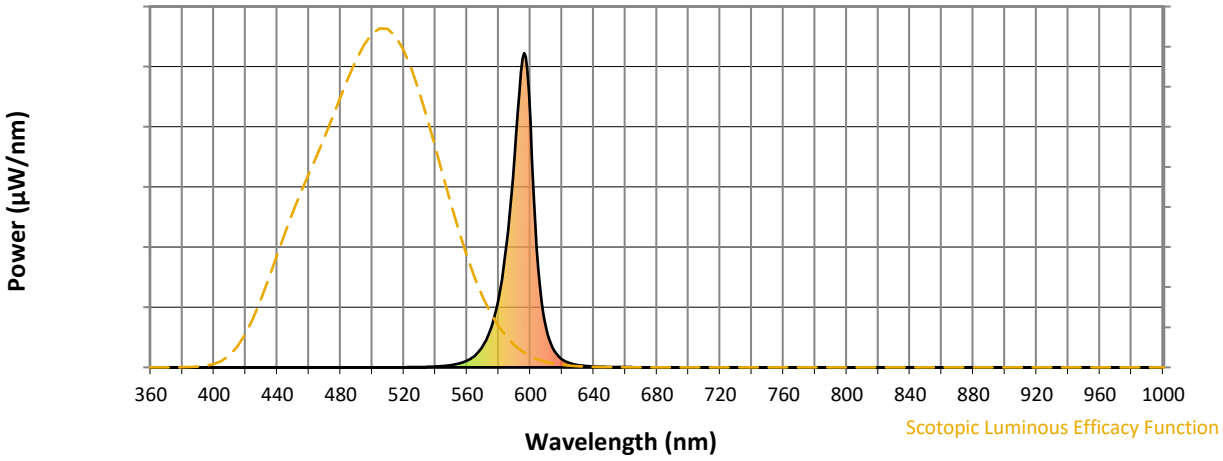


Photopic Lumens: NR

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

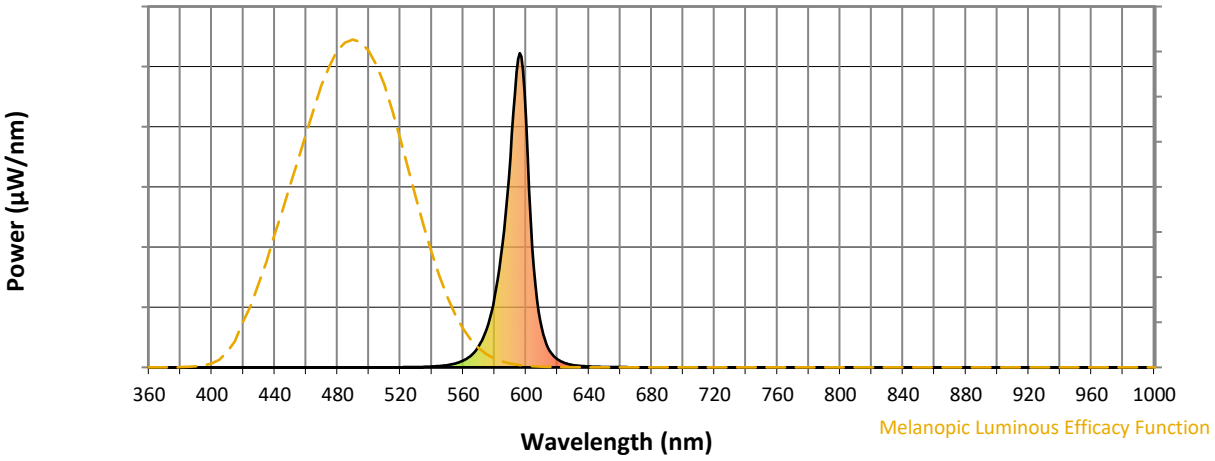


Scotopic Lumens: NR **S/P: 0.23**

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			

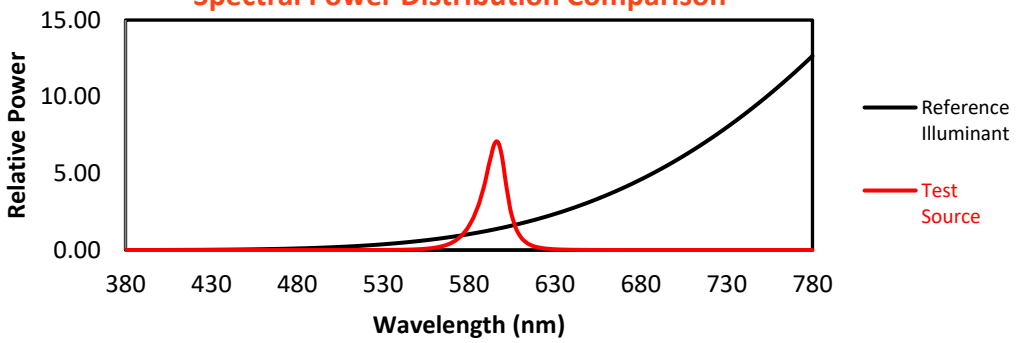
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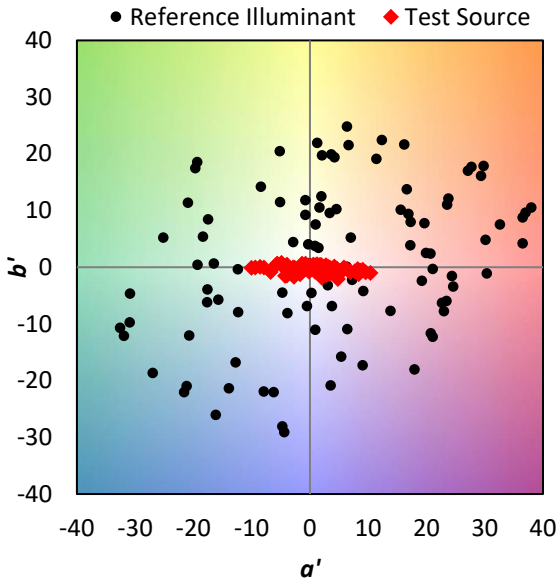
Summary

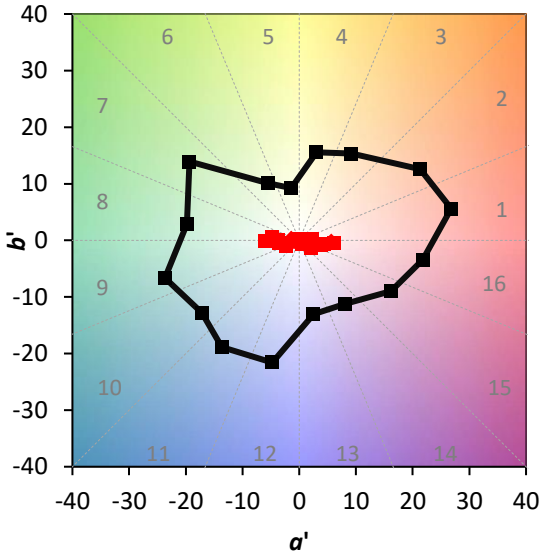
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

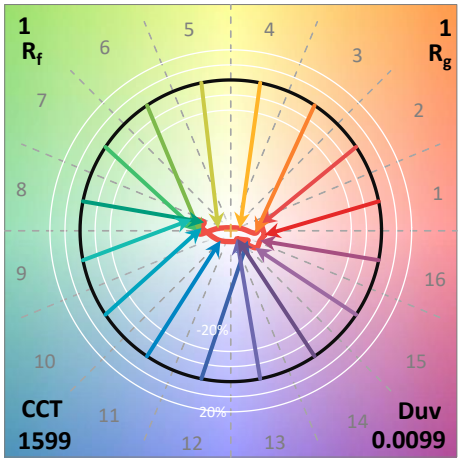
Spectral Power Distribution Comparison

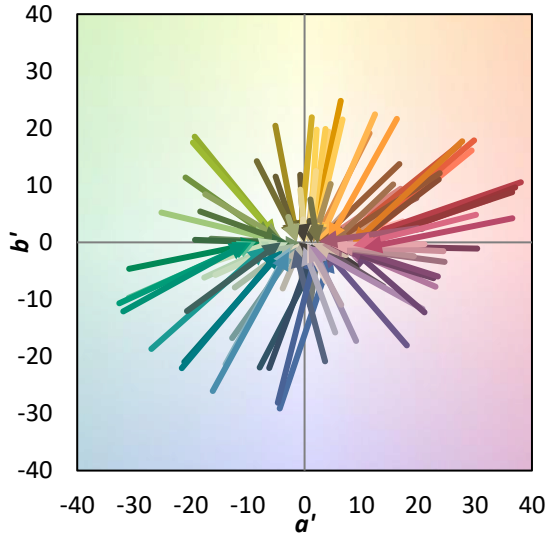


Color Vector Graphics







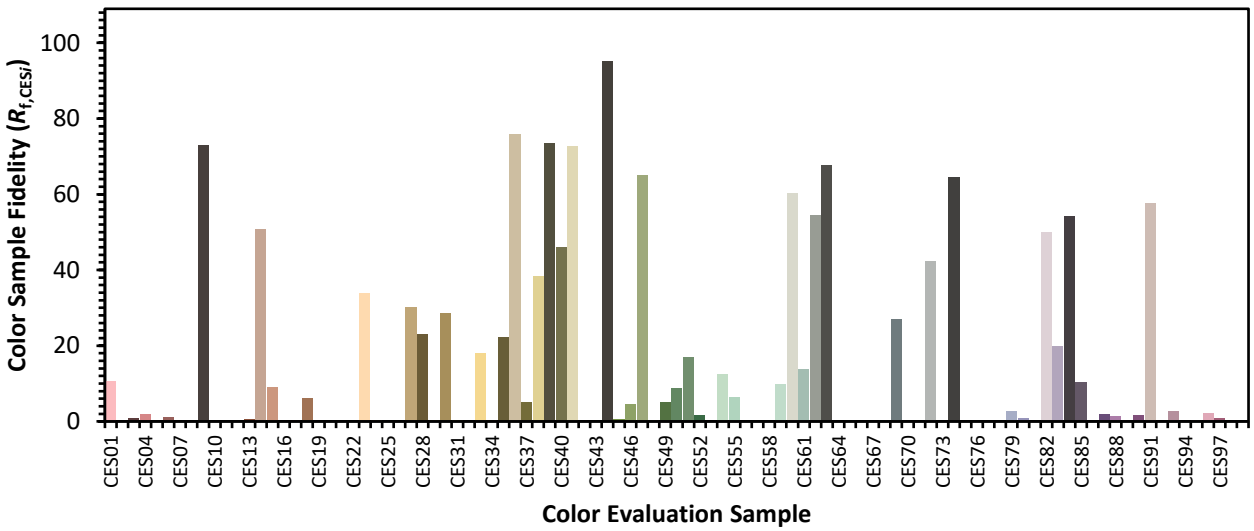


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Individual Sample Fidelity Index ($R_{f,i}$)

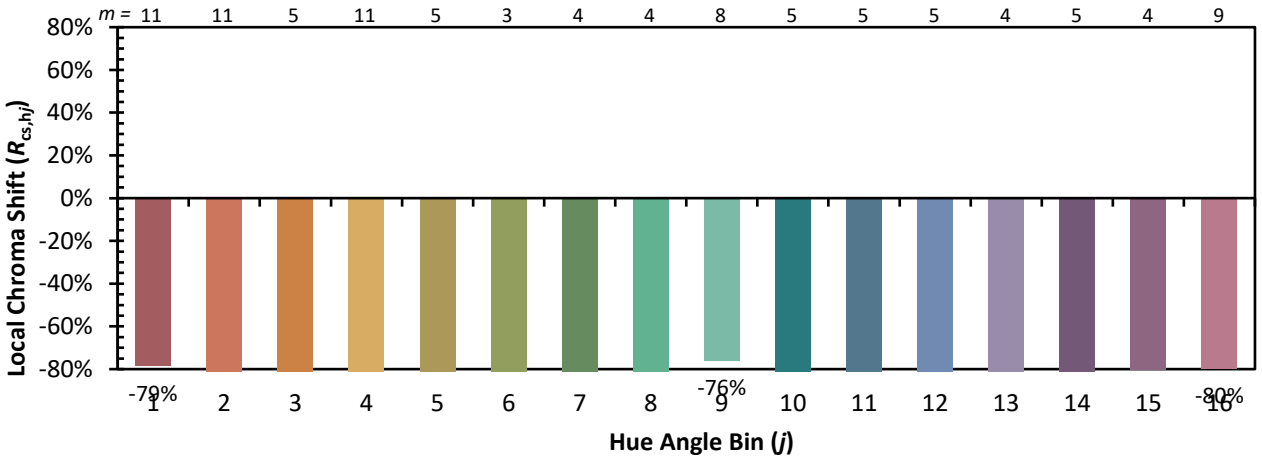
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

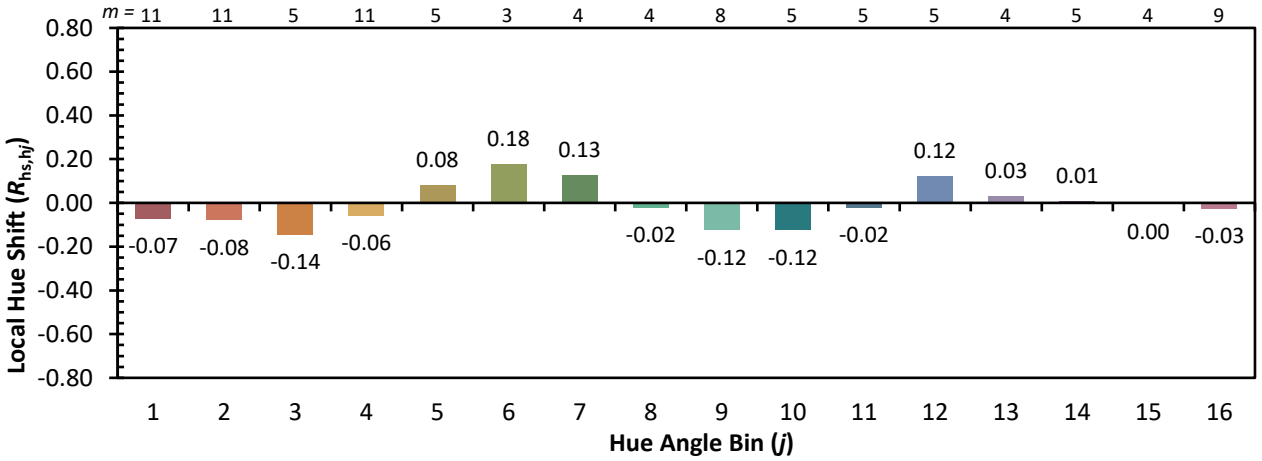


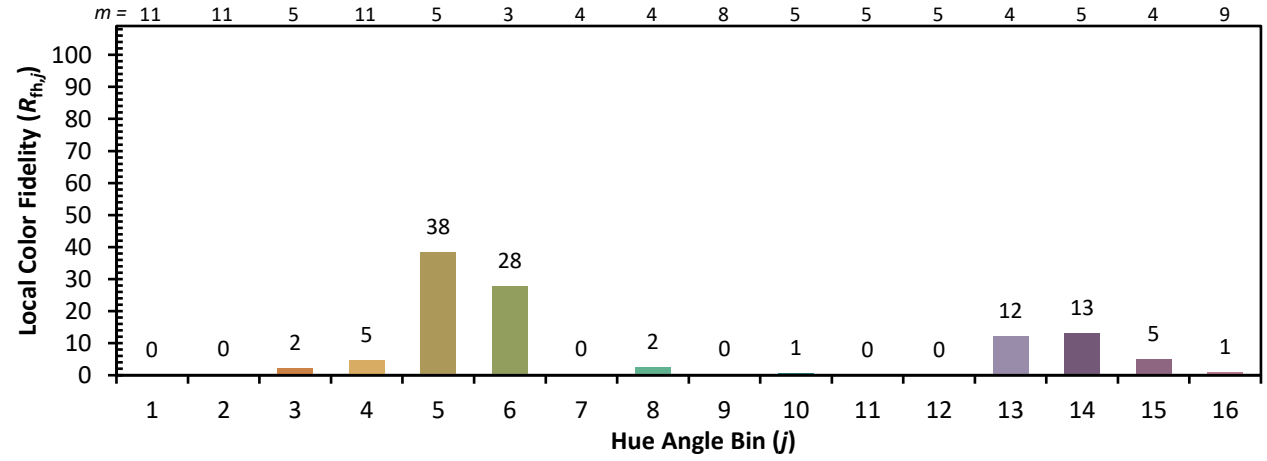
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Color Rendition by Hue-Angle Bin



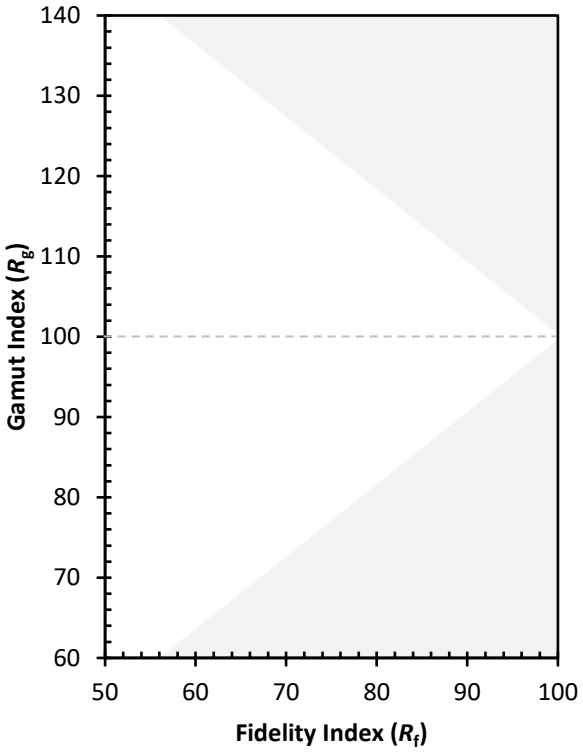


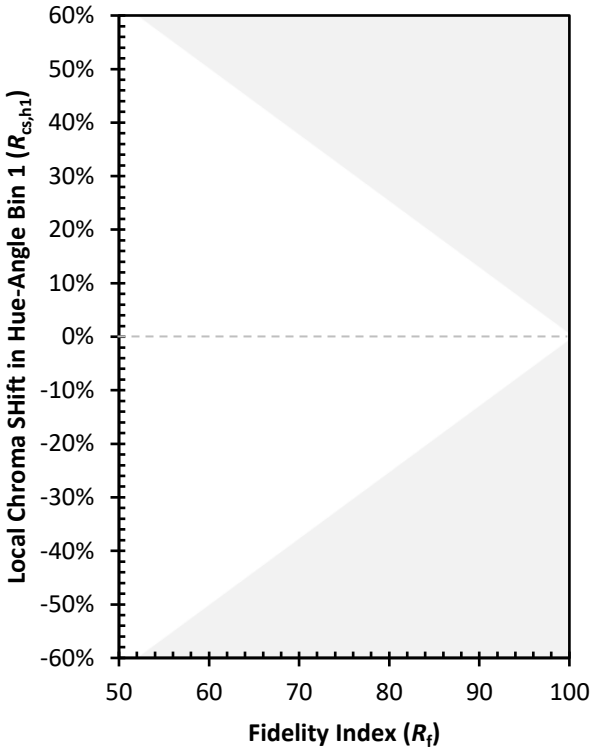


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Measure Comparisons





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