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: P1704729

Luminaire Tested: GSS-SB2A-AMB-U-SL2

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:	P1704729
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-AMB-U-SL2
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T2 SPILL CONTROL DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4213 lumens
Efficiency:	N/A
Efficacy:	62.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	68
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

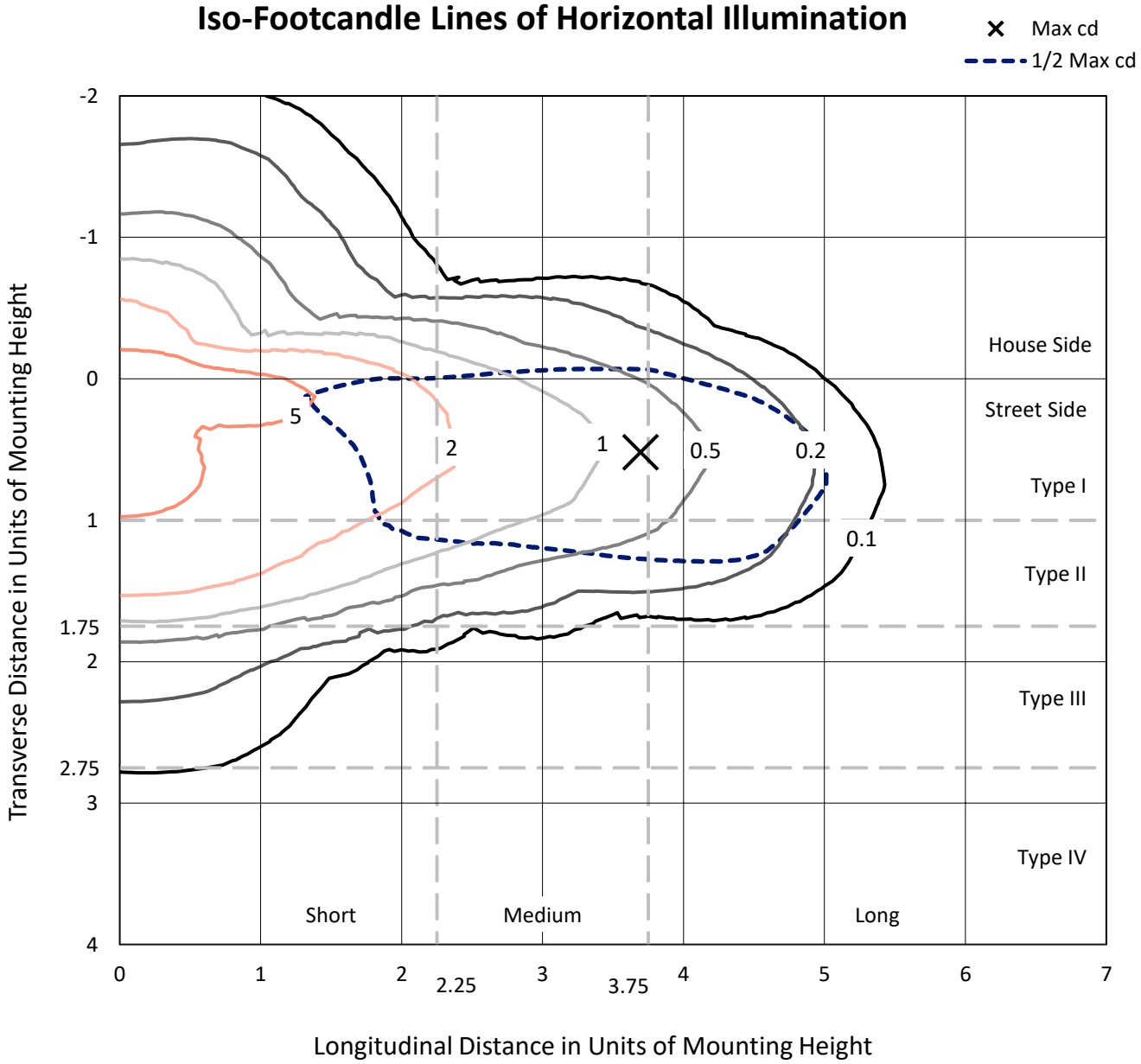


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REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



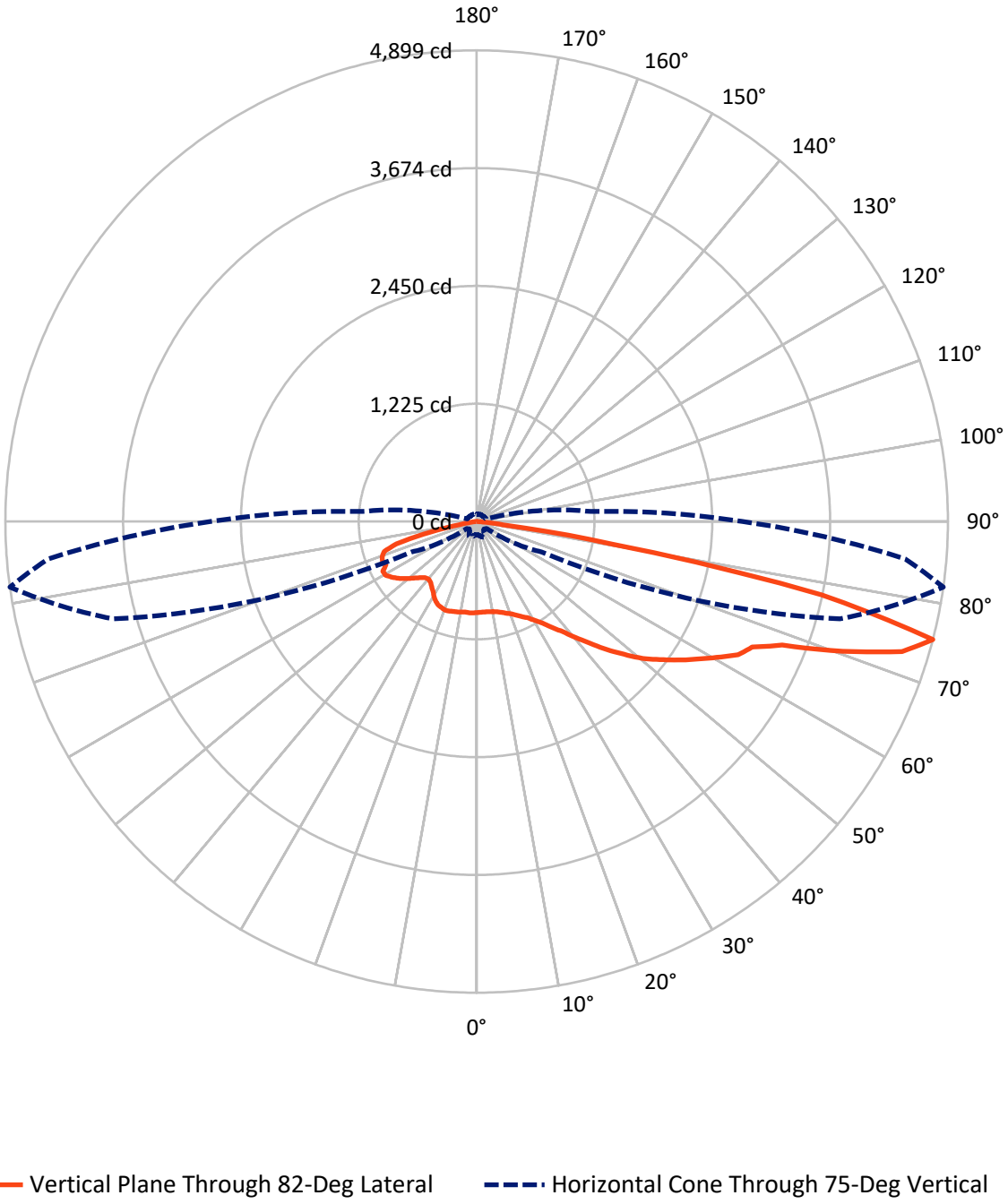
Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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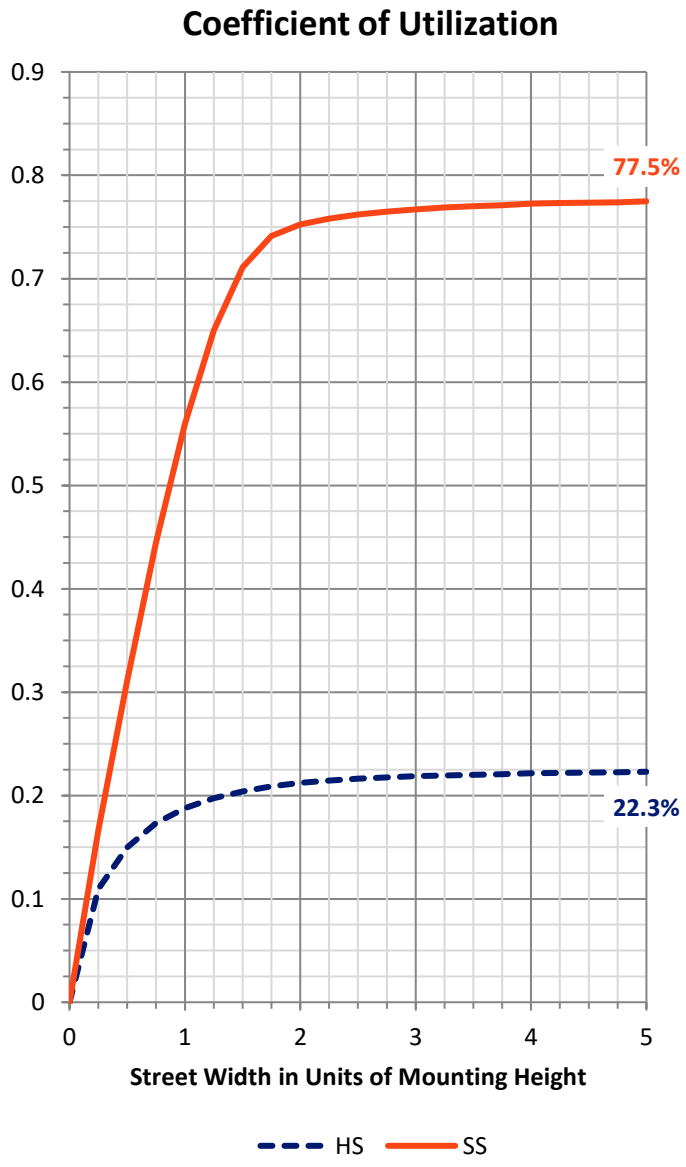
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	946.9	0.0	946.9
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	3266.1	0.0	3266.1
	% Fixture	77.5	0.0	77.5
Total	Lumens	4213.0	0.0	4213.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.7	2.0
10°-20°	192.8	4.6
20°-30°	303.2	7.2
30°-40°	463.0	11.0
40°-50°	676.3	16.1
50°-60°	898.6	21.3
60°-70°	904.0	21.5
70°-80°	638.6	15.2
80°-90°	53.8	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°	4213.0	100.0
0°-180°	4213.0	100.0



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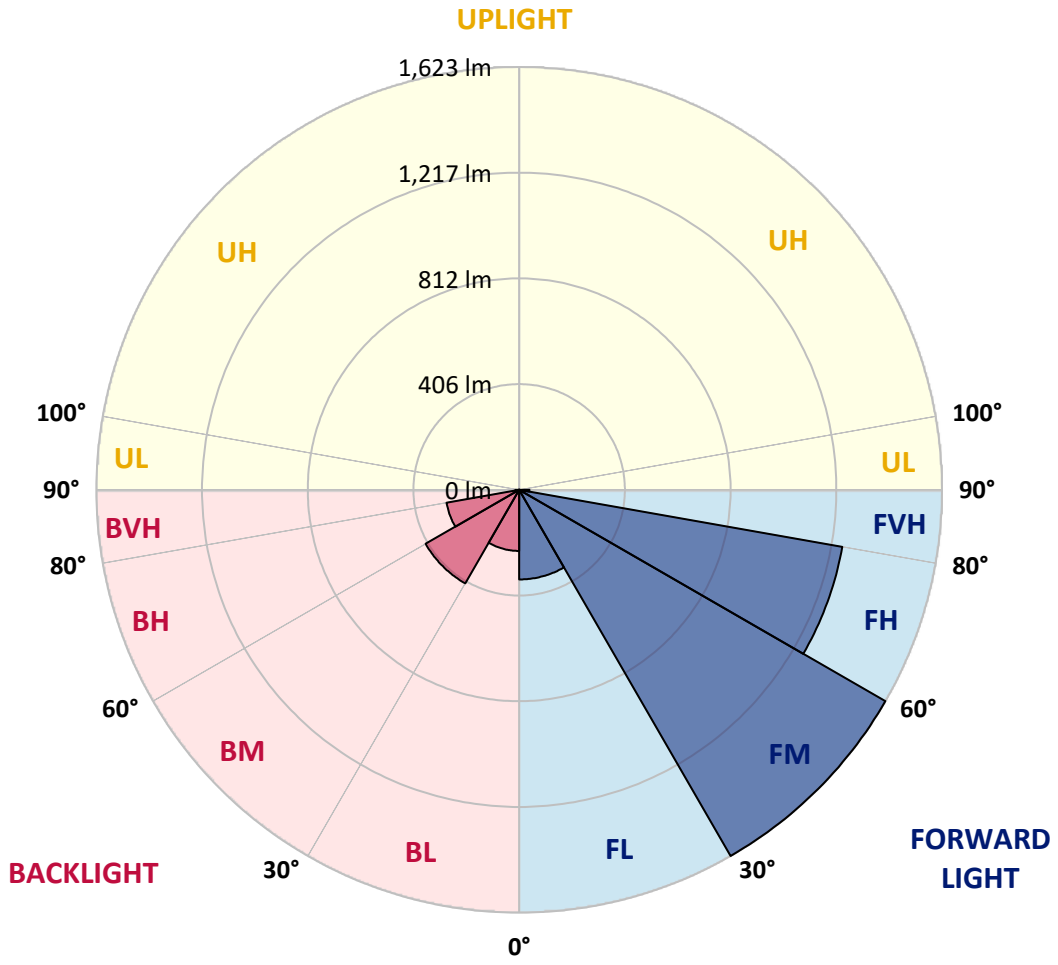
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	344.1	8.2			
FM	(30°-60°)	1623.2	38.5			
FH	(60°-80°)	1259.4	29.9			G1/1800
FVH	(80°-90°)	39.4	0.9			G1/100
BL	(0°-30°)	234.6	5.6	B1/500		
BM	(30°-60°)	414.7	9.8	B1/1000		
BH	(60°-80°)	283.2	6.7	B1/500		G1/500
BVH	(80°-90°)	14.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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REPORT NUMBER: P1704729
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	946.3	946.3	946.3	946.3	946.3	946.3	946.3	946.3	946.3	*946.3*	946.3
2.5°	948.3	944.3	940.3	942.3	938.3	942.3	946.3	942.3	944.3	*944.3*	942.3
5°	866.4	860.4	862.4	868.4	892.4	914.3	930.3	932.3	942.3	*944.3*	942.3
7.5°	748.6	744.6	756.6	772.6	800.5	836.5	880.4	920.3	940.3	*946.3*	944.3
10°	646.8	646.8	650.8	670.8	708.7	762.6	820.5	882.4	944.3	*952.3*	956.3
12.5°	616.9	614.9	616.9	624.9	644.8	684.8	772.6	854.4	950.3	*964.2*	966.2
15°	628.9	628.9	622.9	620.9	624.9	650.8	714.7	832.5	946.3	*980.2*	986.2
17.5°	670.8	662.8	656.8	642.8	634.8	640.8	680.8	806.5	944.3	*1002.2*	1006.2
20°	718.7	716.7	700.7	684.8	662.8	654.8	674.8	788.6	956.3	*1024.1*	1038.1
22.5°	786.6	782.6	766.6	738.7	708.7	680.8	684.8	762.6	964.2	*1058.1*	1060.1
25°	860.4	852.4	832.5	802.5	760.6	722.7	702.7	760.6	978.2	*1096.0*	1104.0
27.5°	940.3	934.3	912.3	872.4	824.5	772.6	736.7	774.6	1010.2	*1133.9*	1147.9
30°	1038.1	1026.1	994.2	950.3	898.4	826.5	782.6	812.5	1052.1	*1191.8*	1199.8
32.5°	1129.9	1125.9	1094.0	1046.1	968.2	884.4	834.5	856.4	1102.0	*1261.7*	1267.7
35°	1175.9	1173.9	1171.9	1147.9	1052.1	944.3	886.4	912.3	1171.9	*1353.5*	1351.5
37.5°	1229.8	1229.8	1217.8	1213.8	1149.9	1018.1	946.3	974.2	1257.7	*1451.4*	1447.4
40°	1279.7	1275.7	1279.7	1275.7	1233.8	1102.0	1002.2	1048.1	1349.5	*1585.1*	1571.1
42.5°	1335.6	1331.6	1339.6	1331.6	1291.6	1209.8	1068.1	1124.0	1463.3	*1730.8*	1718.9
45°	1379.5	1379.5	1389.5	1393.5	1357.5	1287.7	1131.9	1207.8	1585.1	*1900.5*	1892.6
47.5°	1401.4	1405.4	1431.4	1439.4	1417.4	1339.6	1187.8	1289.7	1700.9	*2062.2*	2064.2
50°	1405.4	1409.4	1445.4	1477.3	1473.3	1365.5	1241.7	1387.5	1832.7	*2237.9*	2233.9
52.5°	1385.5	1389.5	1439.4	1505.3	1507.3	1397.5	1303.6	1489.3	1970.4	*2383.7*	2401.6
55°	1369.5	1381.5	1433.4	1529.2	1555.2	1445.4	1387.5	1609.1	2110.2	*2541.4*	2559.3
57.5°	1197.8	1201.8	1297.6	1455.3	1619.1	1577.1	1509.3	1744.8	2275.9	*2699.1*	2715.1
60°	688.7	738.7	906.3	1183.8	1507.3	1740.8	1750.8	1944.5	2471.5	*2866.8*	2884.7
62.5°	365.3	371.3	401.3	578.9	1108.0	1667.0	2070.2	2299.8	2739.0	*3050.4*	3046.4
65°	323.4	325.4	329.4	315.4	421.2	1193.8	2030.3	2701.1	3062.4	*3148.3*	3094.4
67.5°	295.5	297.5	303.4	275.5	235.6	463.2	1461.3	2818.9	3641.4	*3425.8*	3288.0
70°	261.5	267.5	277.5	251.5	189.7	189.7	690.7	2445.5	4286.2	*4038.6*	3737.2
72.5°	209.6	215.6	239.6	227.6	157.7	139.7	229.6	1631.0	4360.1	*4623.6*	4168.4
75°	*135.8*	*137.7*	*157.7*	*179.7*	*127.8*	*107.8*	*129.8*	*750.6*	*3908.9*	*4899.1*	*4471.9*
77.5°	105.8	105.8	115.8	133.8	89.8	81.9	95.8	267.5	2842.8	*3665.3*	3329.9
80°	73.9	73.9	81.9	95.8	65.9	55.9	65.9	143.7	1090.0	*1425.4*	1249.7
82.5°	35.9	37.9	47.9	53.9	39.9	35.9	37.9	79.9	287.5	*279.5*	237.6
85°	14.0	16.0	20.0	24.0	20.0	18.0	22.0	35.9	59.9	*57.9*	51.9
87.5°	2.0	2.0	2.0	4.0	4.0	4.0	8.0	10.0	14.0	*14.0*	14.0
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

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	946.3	946.3	946.3	946.3	946.3	946.3	946.3	946.3	946.3	946.3	946.3
2.5°	940.3	948.3	954.3	944.3	952.3	944.3	944.3	944.3	936.3	936.3	940.3
5°	942.3	954.3	948.3	936.3	928.3	912.3	904.4	894.4	884.4	884.4	880.4
7.5°	948.3	952.3	942.3	916.3	896.4	866.4	842.5	812.5	790.6	772.6	770.6
10°	960.3	962.2	938.3	902.4	852.4	784.6	698.7	650.8	602.9	578.9	573.0
12.5°	978.2	972.2	936.3	882.4	770.6	654.8	531.0	463.2	429.2	415.2	413.2
15°	994.2	980.2	928.3	834.5	664.8	491.1	421.2	383.3	371.3	367.3	367.3
17.5°	1014.2	996.2	926.3	736.7	511.1	413.2	375.3	363.3	357.3	357.3	353.4
20°	1038.1	1008.2	908.3	634.8	425.2	371.3	359.3	355.4	353.4	351.4	349.4
22.5°	1060.1	1022.1	840.5	489.1	371.3	349.4	347.4	339.4	335.4	331.4	329.4
25°	1086.0	1040.1	760.6	403.3	337.4	331.4	321.4	313.4	309.4	305.4	303.4
27.5°	1118.0	1054.1	650.8	343.4	315.4	313.4	303.4	297.5	297.5	293.5	293.5
30°	1151.9	1058.1	523.0	307.4	305.4	301.5	299.5	299.5	299.5	299.5	299.5
32.5°	1203.8	1042.1	417.2	291.5	295.5	293.5	297.5	297.5	301.5	309.4	311.4
35°	1259.7	1026.1	351.4	275.5	277.5	279.5	281.5	279.5	281.5	289.5	293.5
37.5°	1317.6	1002.2	307.4	263.5	259.5	263.5	263.5	261.5	257.5	255.5	255.5
40°	1387.5	990.2	287.5	261.5	255.5	261.5	257.5	251.5	237.6	225.6	223.6
42.5°	1483.3	1004.2	281.5	257.5	259.5	263.5	257.5	235.6	213.6	201.6	201.6
45°	1597.1	1048.1	277.5	257.5	263.5	265.5	245.6	219.6	207.6	193.6	193.6
47.5°	1722.9	1106.0	283.5	257.5	261.5	263.5	227.6	215.6	201.6	185.7	183.7
50°	1856.6	1175.9	289.5	251.5	253.5	241.6	223.6	209.6	195.6	181.7	177.7
52.5°	1996.4	1251.7	293.5	241.6	237.6	223.6	219.6	207.6	193.6	175.7	173.7
55°	2138.1	1323.6	295.5	227.6	225.6	207.6	213.6	207.6	185.7	163.7	157.7
57.5°	2259.9	1385.5	293.5	211.6	213.6	193.6	207.6	203.6	175.7	151.7	149.7
60°	2379.7	1449.4	283.5	197.6	199.6	181.7	199.6	193.6	165.7	143.7	139.7
62.5°	2453.5	1467.3	253.5	183.7	183.7	175.7	189.7	175.7	153.7	131.8	129.8
65°	2417.6	1395.5	219.6	167.7	167.7	163.7	171.7	155.7	137.7	119.8	117.8
67.5°	2505.4	1437.4	187.7	153.7	151.7	145.7	147.7	133.8	121.8	107.8	107.8
70°	2657.2	1435.4	145.7	137.7	131.8	125.8	123.8	115.8	107.8	97.8	95.8
72.5°	2767.0	1389.5	123.8	117.8	111.8	101.8	103.8	97.8	91.8	85.8	83.8
75°	*2763.0*	*1189.8*	*101.8*	*95.8*	*89.8*	*83.8*	*83.8*	*81.9*	*75.9*	*77.9*	*71.9*
77.5°	1910.5	664.8	79.9	73.9	71.9	65.9	65.9	65.9	59.9	61.9	53.9
80°	688.7	243.6	59.9	53.9	51.9	45.9	47.9	47.9	45.9	43.9	41.9
82.5°	117.8	73.9	39.9	35.9	31.9	27.9	29.9	31.9	33.9	51.9	51.9
85°	33.9	27.9	22.0	20.0	16.0	12.0	12.0	16.0	26.0	20.0	20.0
87.5°	14.0	12.0	10.0	6.0	4.0	2.0	2.0	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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Peachtree City, GA 30269

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

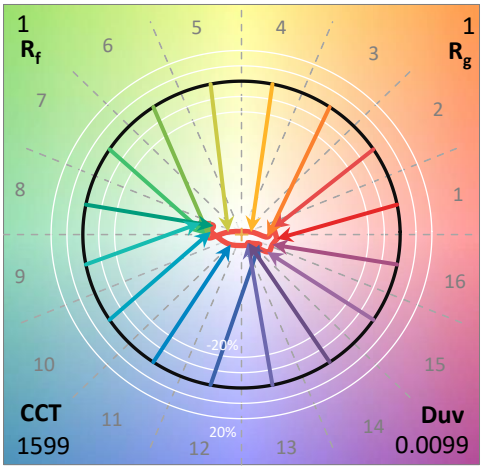
Test Information

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

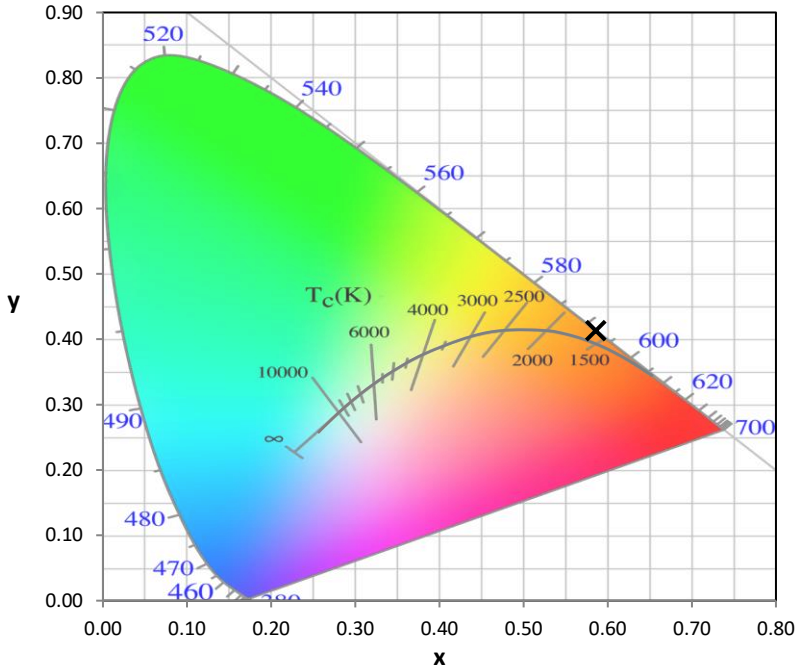
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

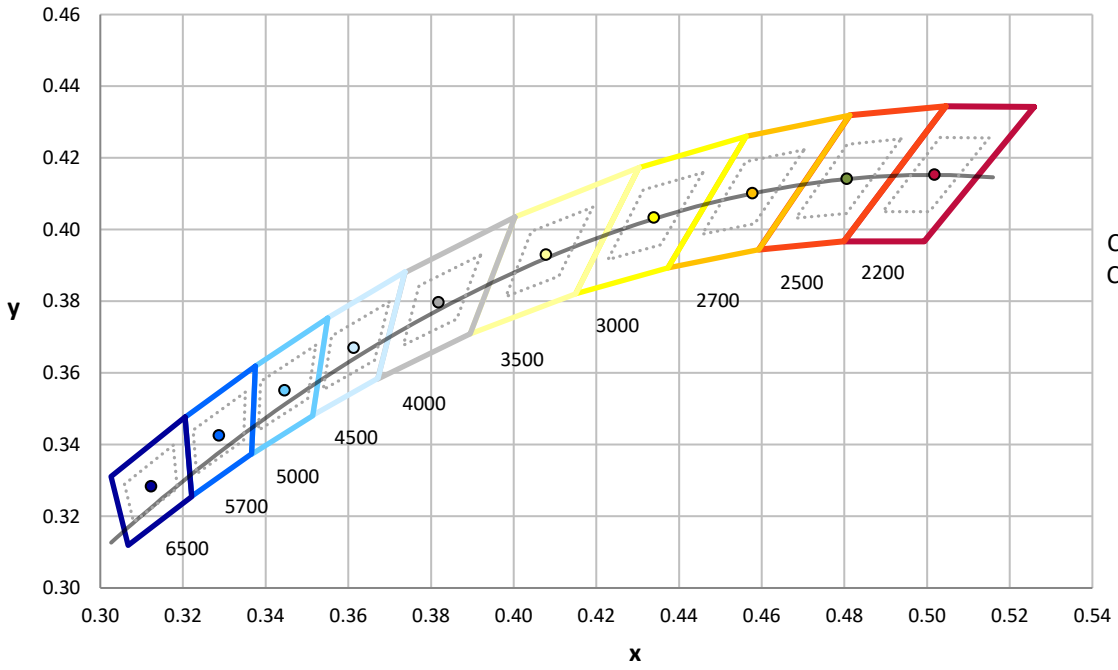
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

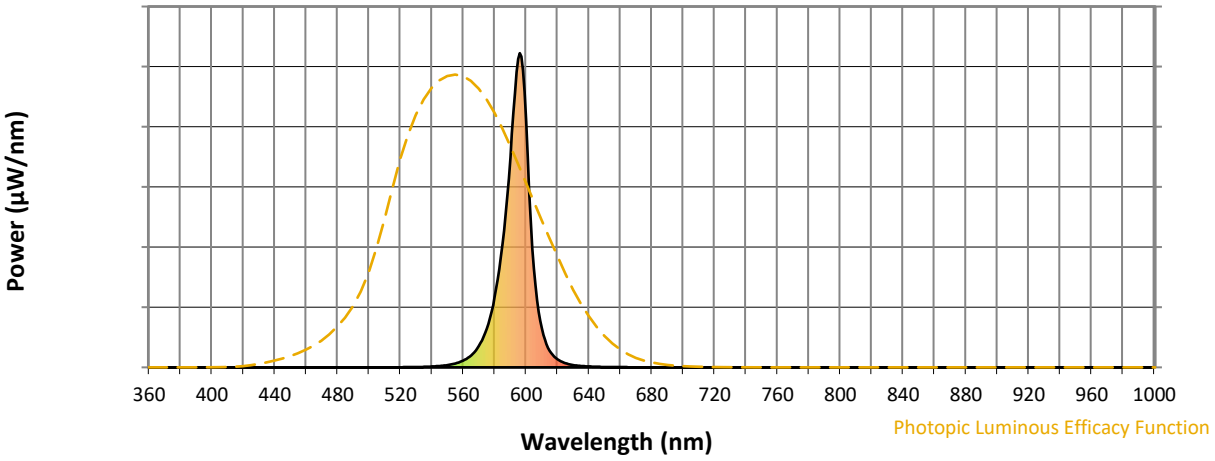


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

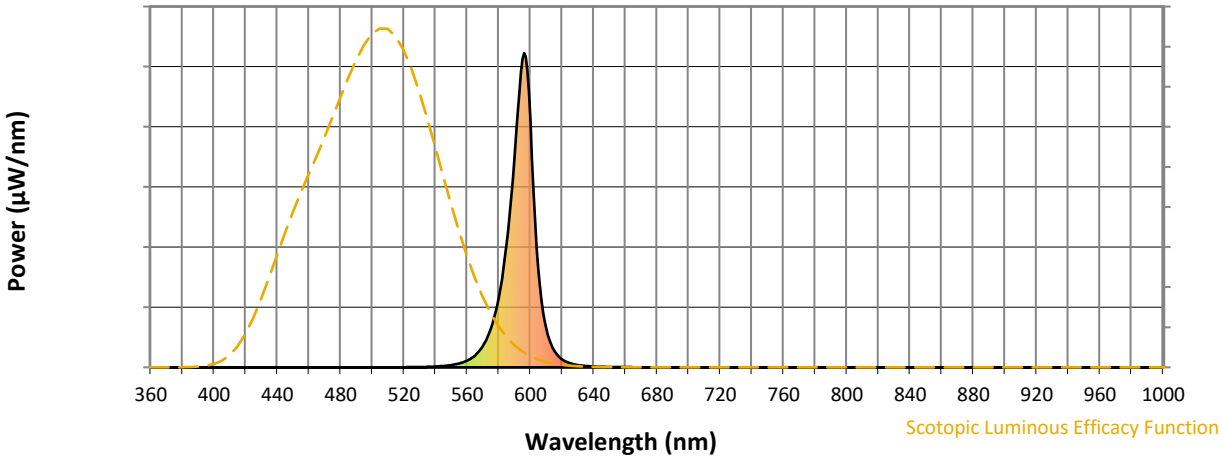


Photopic Lumens: NR

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

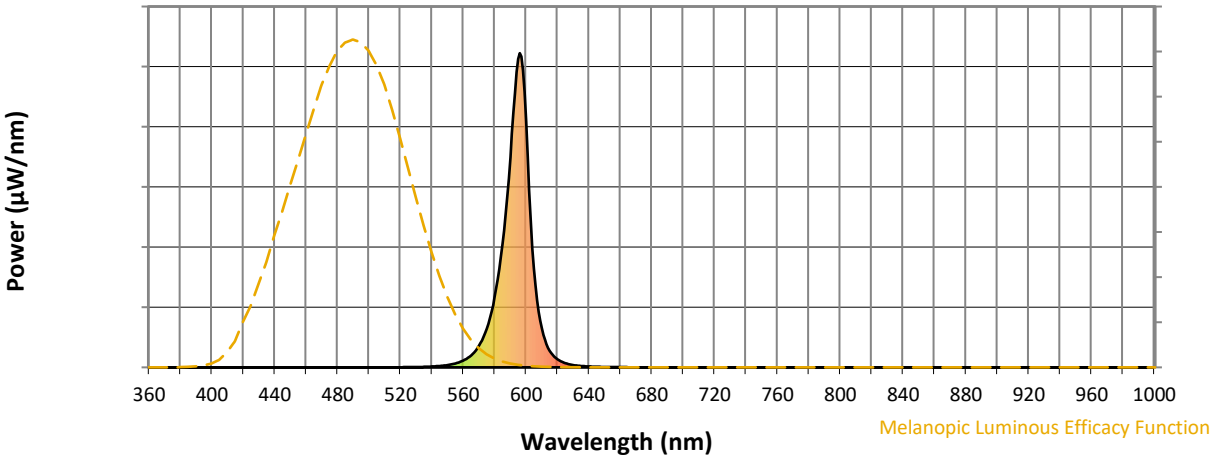


Scotopic Lumens: NR **S/P: 0.23**

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			

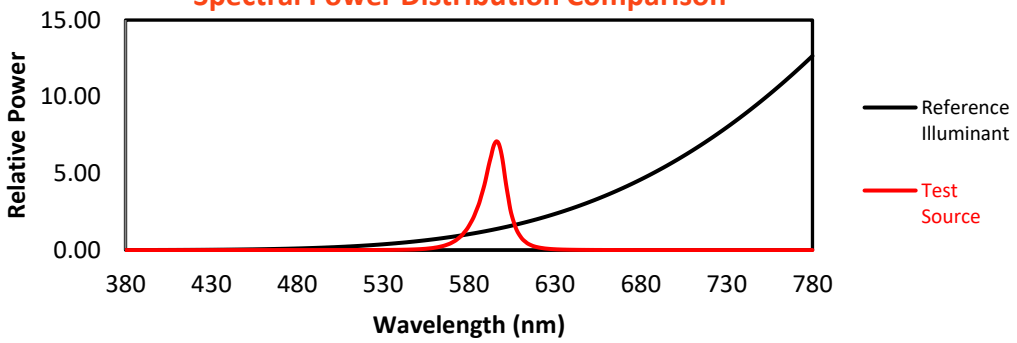
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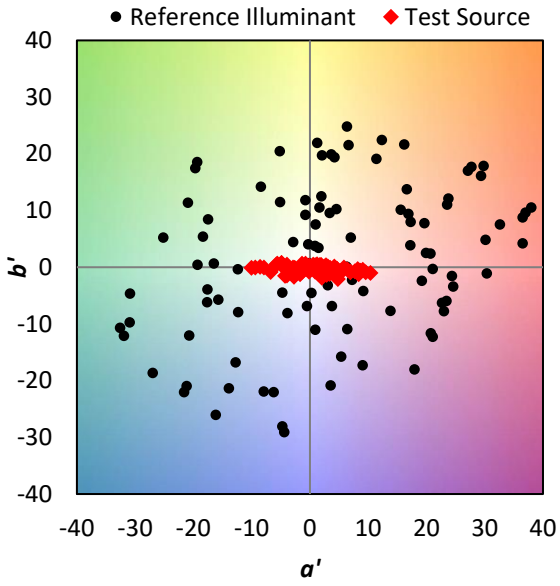
Summary

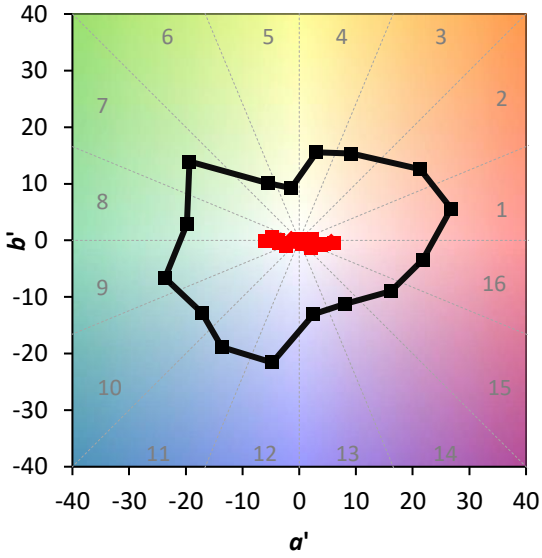
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

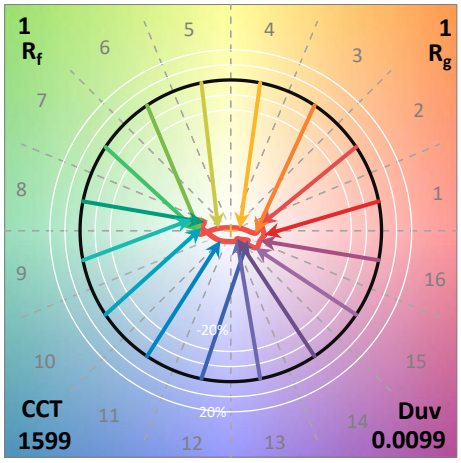
Spectral Power Distribution Comparison

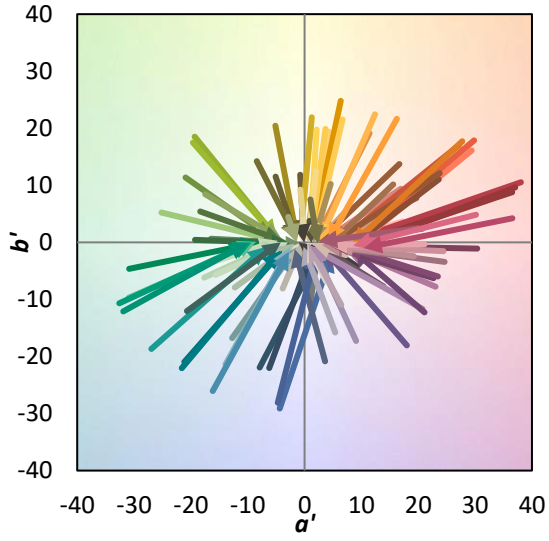


Color Vector Graphics







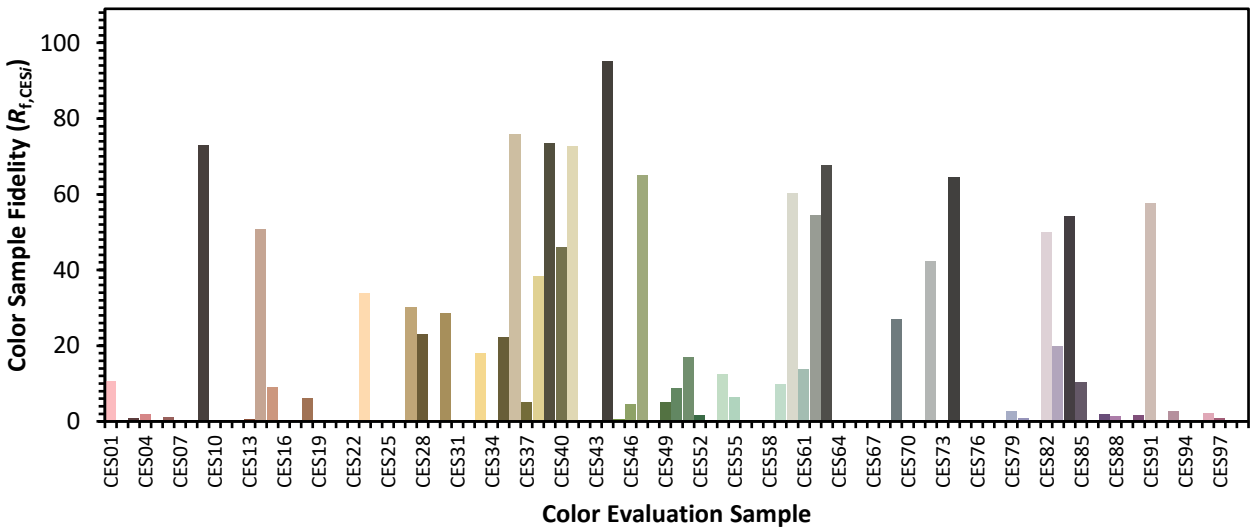


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Individual Sample Fidelity Index ($R_{f,i}$)

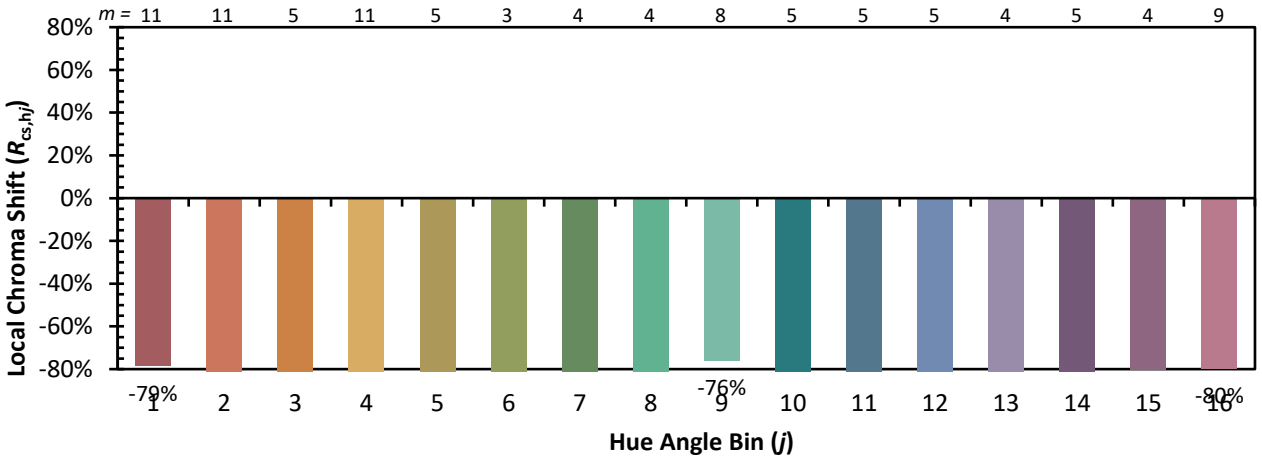
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

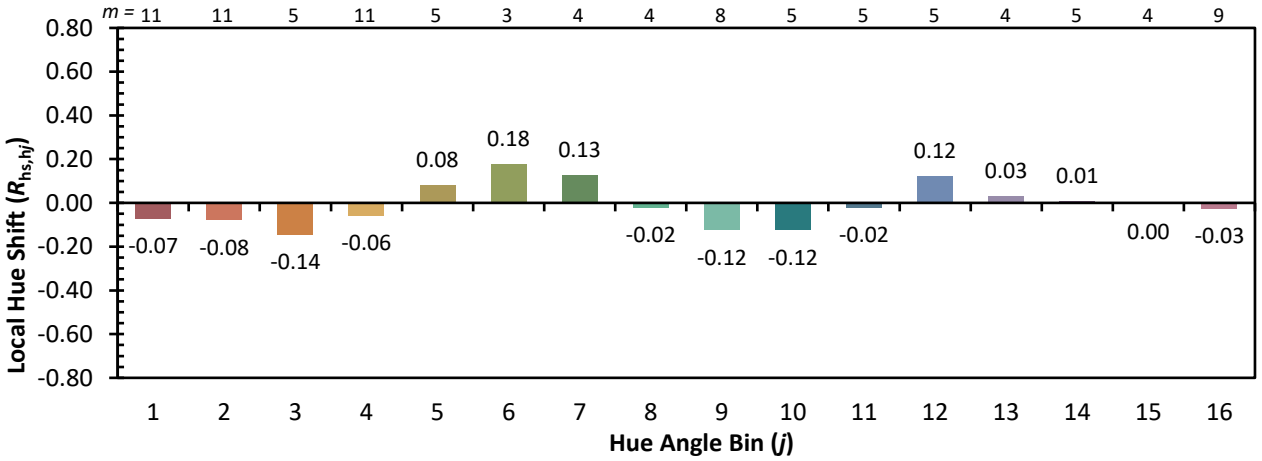


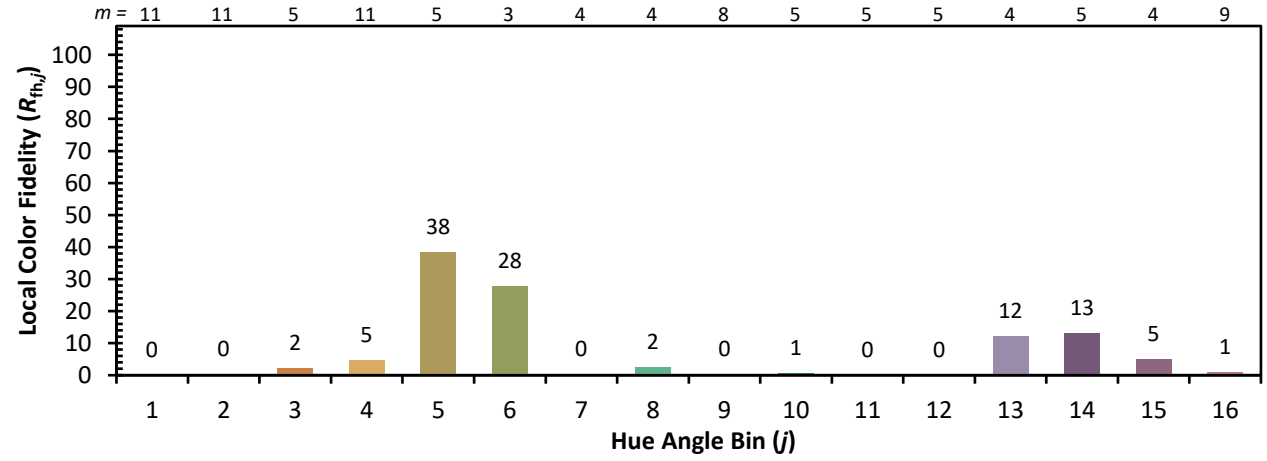
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Color Rendition by Hue-Angle Bin



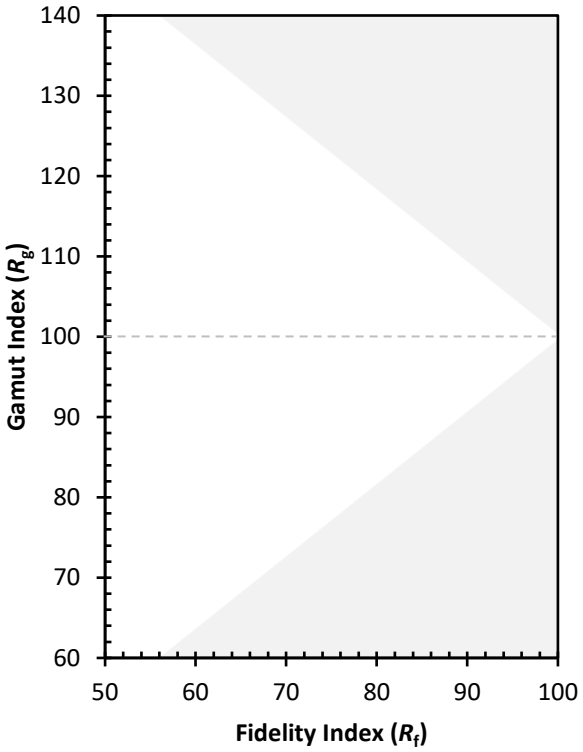


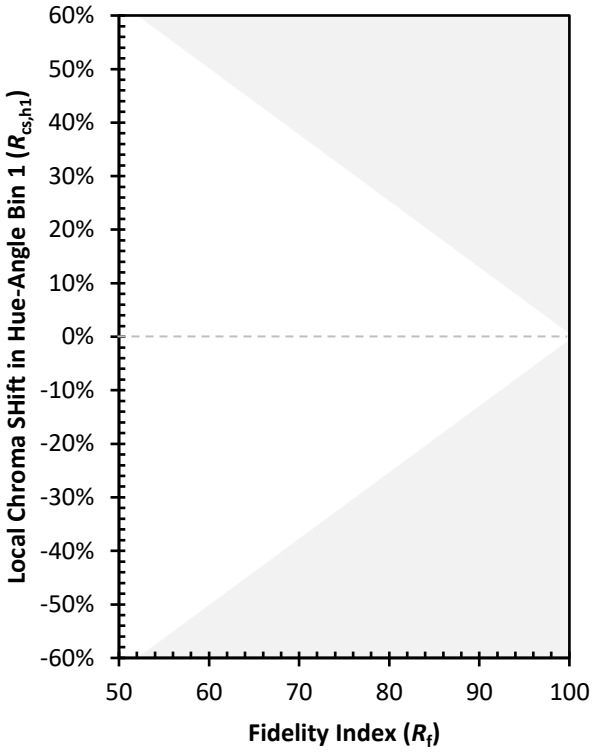


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Measure Comparisons





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