Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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-SL3

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-SL3
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T3 SPILL CONTROL DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3959.8 lumens
Efficiency:	N/A
Efficacy:	58.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

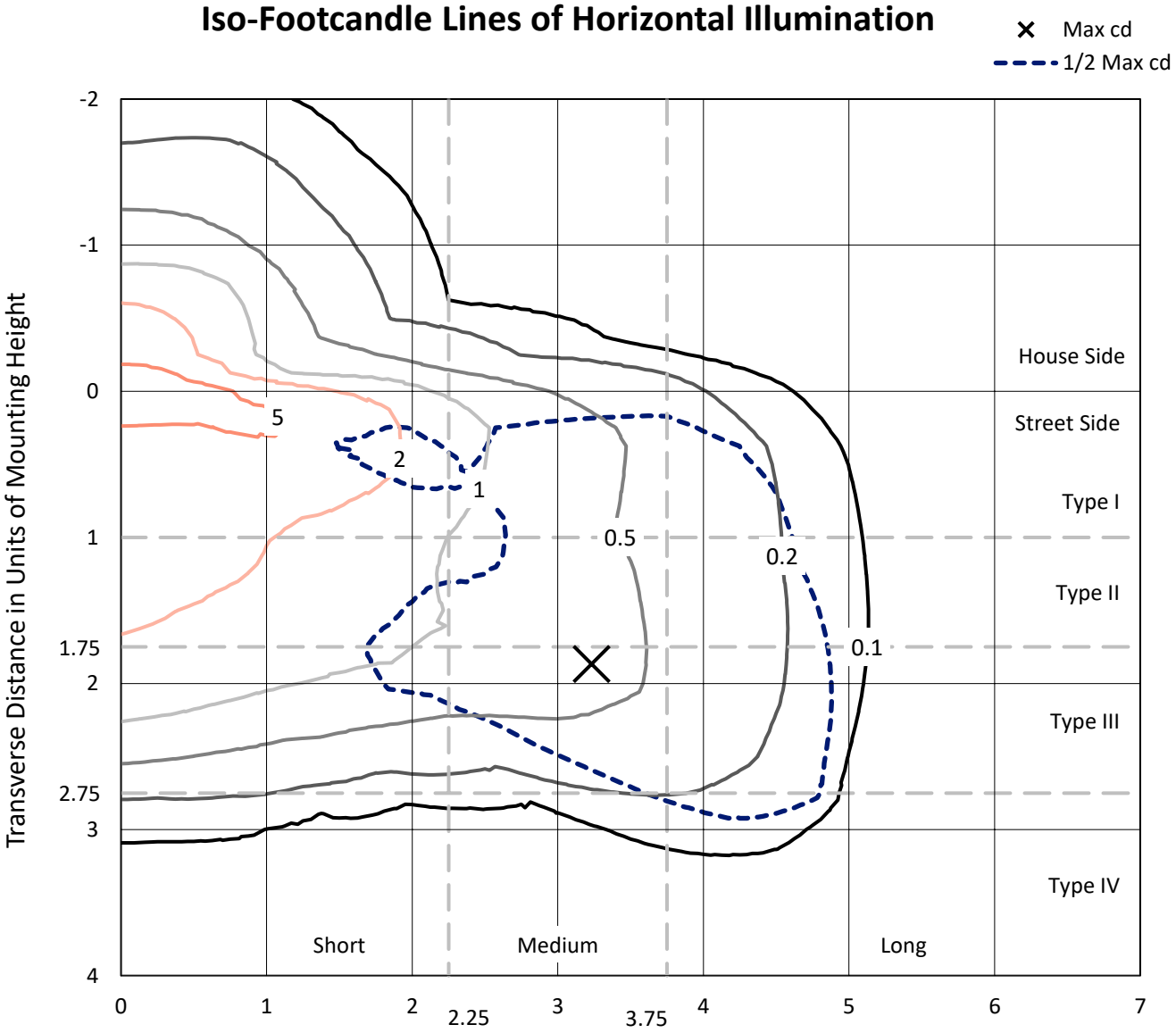


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Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



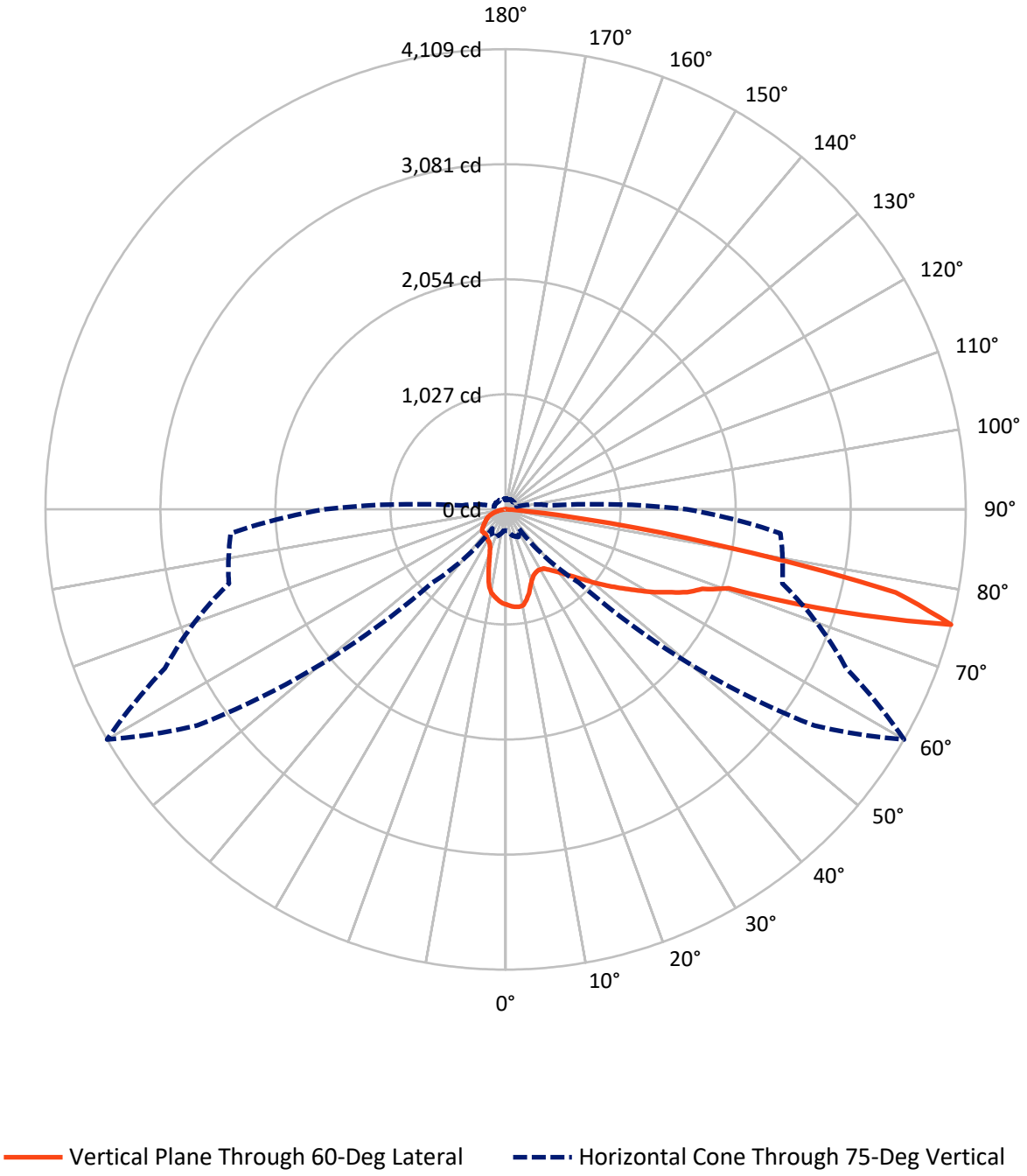
Based on 10 foot mounting height. Maximum calculated value = 8.5 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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Scaled Data Report

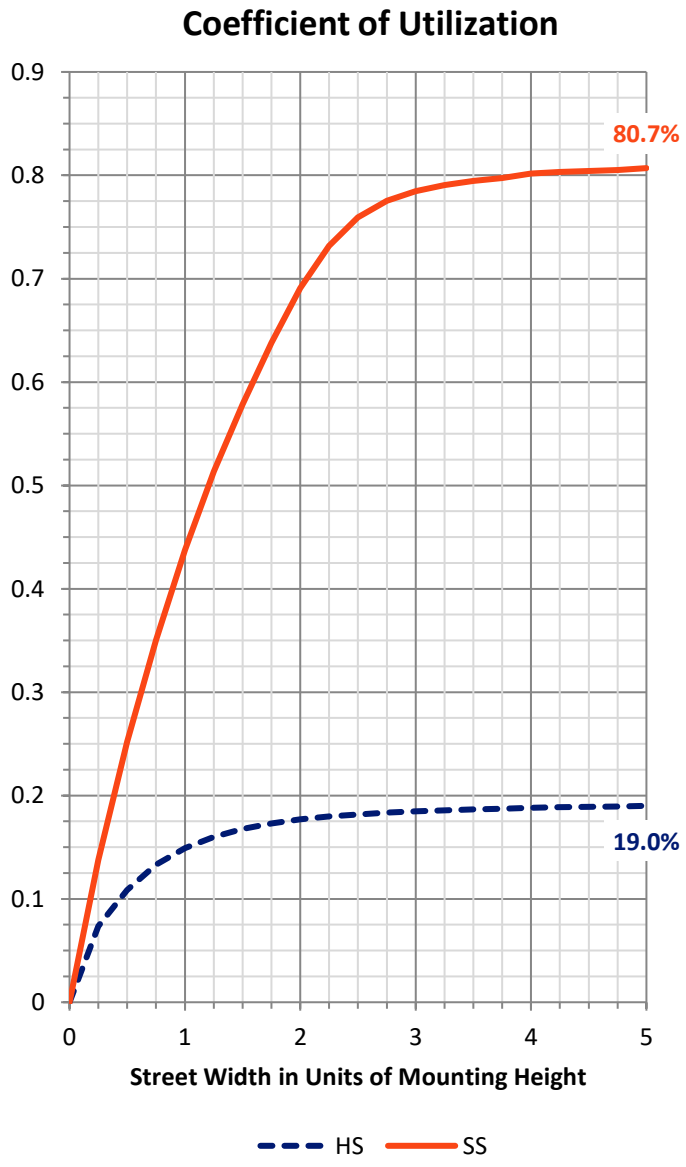
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	758.7	0.0	758.7
	% Fixture	19.2	0.0	19.2
Street Side	Lumens	3201.2	0.0	3201.2
	% Fixture	80.8	0.0	80.8
Total	Lumens	3959.8	0.0	3959.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.3	1.9
10°-20°	173.1	4.4
20°-30°	256.1	6.5
30°-40°	368.3	9.3
40°-50°	538.5	13.6
50°-60°	728.1	18.4
60°-70°	932.4	23.5
70°-80°	797.8	20.1
80°-90°	90.3	2.3
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°	3959.8	100.0
0°-180°	3959.8	100.0



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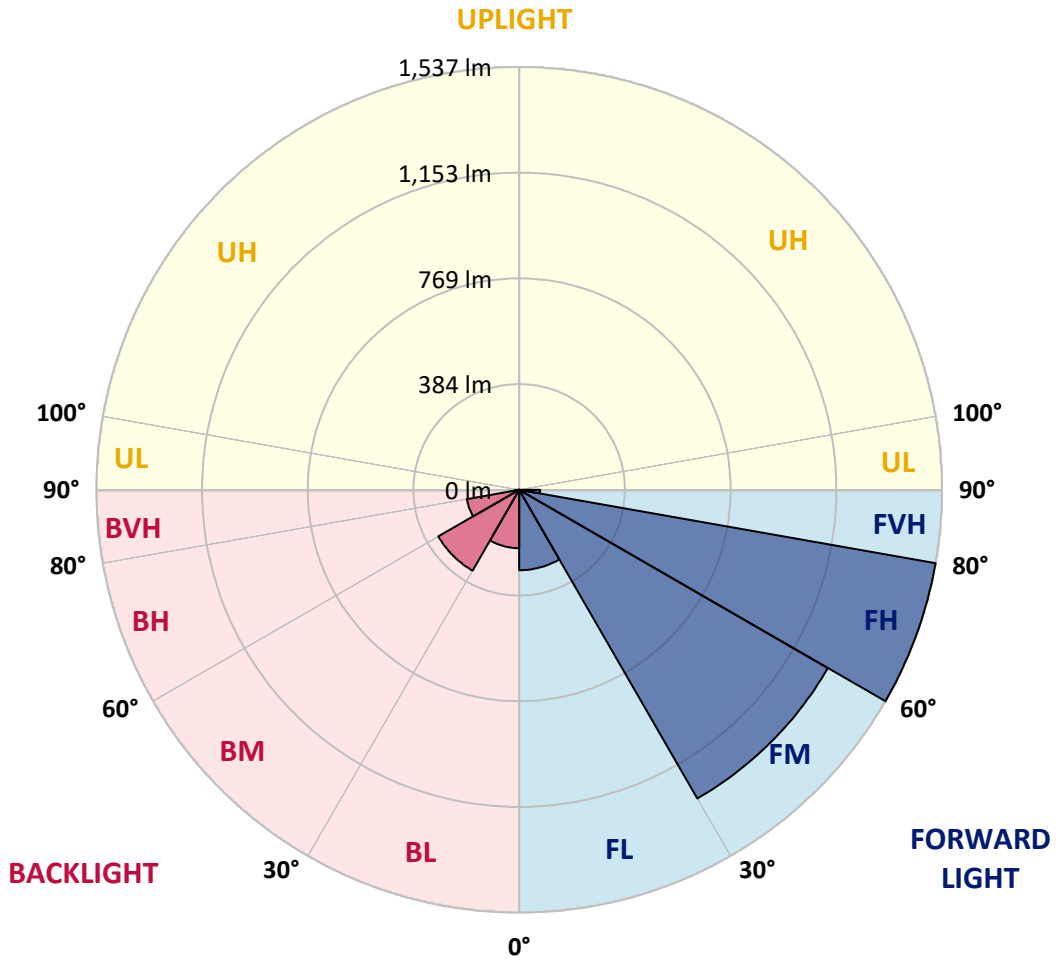
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	292.3	7.4			
FM	(30°-60°)	1295.7	32.7			
FH	(60°-80°)	1537.1	38.8			G1/1800
FVH	(80°-90°)	76.0	1.9			G1/100
BL	(0°-30°)	212.2	5.4	B1/500		
BM	(30°-60°)	339.1	8.6	B1/1000		
BH	(60°-80°)	193.1	4.9	B1/500		G1/500
BVH	(80°-90°)	14.3	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	848.0	848.0	848.0	848.0	848.0	848.0	848.0	*848.0*	848.0	848.0	848.0
2.5°	876.0	872.0	868.0	868.0	868.0	868.0	866.0	*864.0*	862.0	858.0	854.0
5°	852.0	850.0	854.0	856.0	864.0	870.0	872.0	*874.0*	872.0	874.0	862.0
7.5°	736.3	732.3	744.3	770.2	804.1	846.0	868.0	*878.0*	878.0	884.0	874.0
10°	604.6	608.6	616.6	638.5	690.4	760.2	834.1	*870.0*	876.0	893.9	887.9
12.5°	538.8	542.7	546.7	564.7	600.6	660.5	772.2	*828.1*	876.0	905.9	901.9
15°	510.8	508.8	512.8	524.8	552.7	600.6	706.4	*780.2*	846.0	921.9	921.9
17.5°	502.8	500.8	502.8	504.8	524.8	562.7	644.5	*720.3*	818.1	945.8	943.8
20°	512.8	510.8	506.8	508.8	512.8	540.7	608.6	*672.4*	786.2	959.8	959.8
22.5°	530.8	528.8	520.8	518.8	516.8	528.8	584.6	*640.5*	754.3	981.7	983.7
25°	558.7	556.7	546.7	538.8	532.8	532.8	574.7	*624.6*	726.3	1003.7	1007.7
27.5°	608.6	604.6	584.6	568.7	550.7	546.7	572.7	*616.6*	714.3	1033.6	1029.6
30°	688.4	680.4	646.5	616.6	584.6	566.7	586.6	*620.6*	708.4	1067.5	1051.6
32.5°	790.2	782.2	746.3	688.4	630.5	592.6	604.6	*628.5*	716.3	1117.4	1089.5
35°	840.1	832.1	814.1	788.2	704.4	636.5	630.5	*660.5*	740.3	1185.3	1131.4
37.5°	882.0	876.0	848.0	834.1	792.2	690.4	666.5	*696.4*	776.2	1265.1	1181.3
40°	971.7	959.8	919.9	876.0	864.0	778.2	710.4	*738.3*	828.1	1366.8	1259.1
42.5°	1051.6	1041.6	999.7	961.8	907.9	885.9	770.2	*796.2*	893.9	1490.5	1344.9
45°	1125.4	1115.4	1069.5	1035.6	981.7	967.8	834.1	*858.0*	969.8	1616.3	1448.6
47.5°	1205.2	1191.2	1143.4	1101.4	1057.5	979.7	891.9	*933.8*	1061.5	1746.0	1544.4
50°	1239.1	1221.2	1197.2	1161.3	1123.4	1005.7	953.8	*1027.6*	1177.3	1869.7	1630.2
52.5°	1265.1	1239.1	1191.2	1193.2	1171.3	1035.6	1027.6	*1127.4*	1289.0	1973.4	1712.0
55°	1316.9	1289.0	1219.2	1197.2	1199.2	1073.5	1121.4	*1237.1*	1394.8	2051.2	1787.9
57.5°	1388.8	1350.9	1253.1	1209.2	1207.2	1129.4	1237.1	*1356.9*	1504.5	2103.1	1879.6
60°	1512.5	1464.6	1340.9	1287.0	1247.1	1211.2	1368.8	*1496.5*	1622.2	2143.0	1959.5
62.5°	1610.3	1570.4	1468.6	1434.7	1368.8	1340.9	1506.5	*1628.2*	1736.0	2179.0	2027.3
65°	1626.2	1568.4	1514.5	1580.3	1666.1	1540.4	1694.1	*1781.9*	1833.8	2141.0	1979.4
67.5°	1368.8	1313.0	1336.9	1460.6	1769.9	2077.2	1951.5	*1895.6*	1825.8	2051.2	1995.4
70°	550.7	550.7	652.5	955.8	1470.6	2296.7	2502.2	*2113.1*	1893.6	2099.1	2083.2
72.5°	297.3	299.3	347.2	365.2	716.3	1759.9	3392.1	*3128.7*	2372.5	2228.8	2268.7
75°	*189.6*	*191.6*	*241.4*	*271.4*	*207.5*	*925.9*	*3364.2*	*4108.5*	*3356.2*	*2558.1*	*2464.3*
77.5°	133.7	133.7	169.6	213.5	125.7	231.5	2633.9	*3561.7*	3605.6	2460.3	1877.6
80°	89.8	91.8	115.7	151.6	87.8	101.8	1588.3	*1893.6*	1618.2	1253.1	704.4
82.5°	53.9	53.9	63.9	77.8	55.9	57.9	373.1	*694.4*	506.8	269.4	109.7
85°	23.9	23.9	31.9	35.9	23.9	25.9	53.9	*123.7*	97.8	47.9	37.9
87.5°	2.0	2.0	2.0	6.0	6.0	6.0	10.0	*10.0*	12.0	12.0	12.0
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-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0
2.5°	850.0	846.0	846.0	838.1	834.1	826.1	824.1	818.1	816.1	818.1	820.1
5°	858.0	852.0	836.1	820.1	806.1	792.2	778.2	764.2	758.2	758.2	758.2
7.5°	862.0	852.0	830.1	800.1	772.2	746.3	716.3	698.4	666.5	660.5	646.5
10°	870.0	862.0	824.1	776.2	736.3	666.5	572.7	512.8	468.9	456.9	451.0
12.5°	884.0	866.0	816.1	756.2	652.5	512.8	431.0	397.1	383.1	379.1	379.1
15°	903.9	874.0	808.1	696.4	510.8	413.0	379.1	371.1	371.1	371.1	371.1
17.5°	917.9	884.0	794.2	588.6	417.0	377.1	371.1	373.1	375.1	377.1	375.1
20°	931.8	884.0	754.3	466.9	373.1	365.2	371.1	377.1	381.1	385.1	387.1
22.5°	943.8	882.0	666.5	387.1	351.2	357.2	365.2	373.1	379.1	379.1	379.1
25°	951.8	878.0	544.7	341.2	337.2	351.2	357.2	357.2	355.2	353.2	355.2
27.5°	961.8	868.0	417.0	319.3	329.2	343.2	345.2	339.2	337.2	335.2	337.2
30°	961.8	830.1	347.2	309.3	325.2	341.2	331.2	329.2	325.2	323.3	323.3
32.5°	981.7	750.3	305.3	299.3	317.3	319.3	321.3	317.3	311.3	311.3	311.3
35°	1005.7	634.5	277.4	291.3	309.3	301.3	305.3	303.3	297.3	295.3	297.3
37.5°	1007.7	488.9	265.4	281.3	293.3	295.3	293.3	287.3	277.4	271.4	273.4
40°	991.7	387.1	257.4	279.4	291.3	297.3	291.3	279.4	261.4	241.4	241.4
42.5°	941.8	353.2	259.4	279.4	293.3	299.3	291.3	263.4	237.4	221.5	221.5
45°	911.9	341.2	263.4	277.4	295.3	303.3	279.4	247.4	235.5	223.5	223.5
47.5°	913.9	355.2	269.4	279.4	291.3	297.3	255.4	245.4	237.4	243.4	249.4
50°	959.8	383.1	273.4	271.4	275.4	265.4	239.4	231.5	219.5	213.5	215.5
52.5°	1029.6	419.0	269.4	259.4	253.4	237.4	225.5	217.5	205.5	193.6	189.6
55°	1107.4	458.9	255.4	239.4	237.4	219.5	215.5	207.5	195.5	179.6	175.6
57.5°	1179.3	488.9	235.5	225.5	221.5	205.5	211.5	209.5	187.6	165.6	161.6
60°	1267.1	514.8	217.5	209.5	205.5	197.5	205.5	205.5	177.6	153.6	149.7
62.5°	1326.9	534.8	197.5	197.5	191.6	185.6	195.5	191.6	165.6	141.7	139.7
65°	1303.0	504.8	179.6	181.6	181.6	171.6	179.6	171.6	149.7	131.7	131.7
67.5°	1364.8	520.8	157.6	163.6	169.6	155.6	157.6	151.6	133.7	121.7	121.7
70°	1426.7	504.8	139.7	145.7	149.7	131.7	137.7	131.7	119.7	113.7	109.7
72.5°	1568.4	510.8	121.7	125.7	127.7	111.7	117.7	115.7	105.8	101.8	99.8
75°	*1618.2*	*399.1*	*101.8*	*103.8*	*103.8*	*93.8*	*97.8*	*97.8*	*89.8*	*95.8*	*83.8*
77.5°	1135.4	199.5	81.8	81.8	81.8	75.8	77.8	75.8	69.8	71.8	65.8
80°	389.1	83.8	61.9	59.9	61.9	57.9	57.9	55.9	49.9	49.9	49.9
82.5°	69.8	47.9	43.9	41.9	39.9	35.9	37.9	35.9	41.9	55.9	53.9
85°	25.9	23.9	21.9	21.9	20.0	16.0	18.0	21.9	27.9	21.9	21.9
87.5°	12.0	12.0	10.0	8.0	6.0	6.0	4.0	4.0	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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

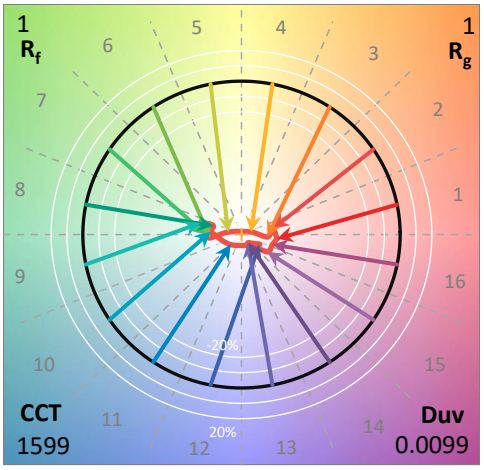
Test Information

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

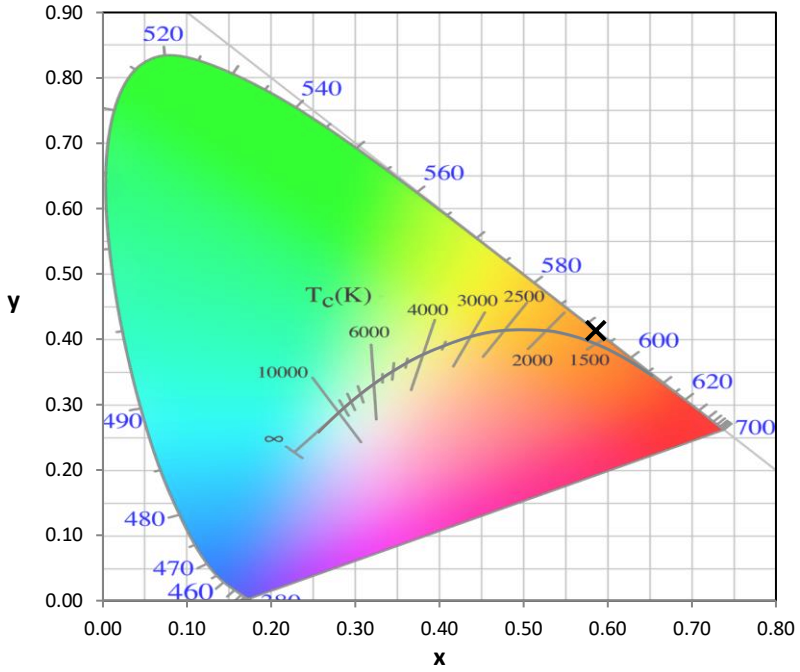
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

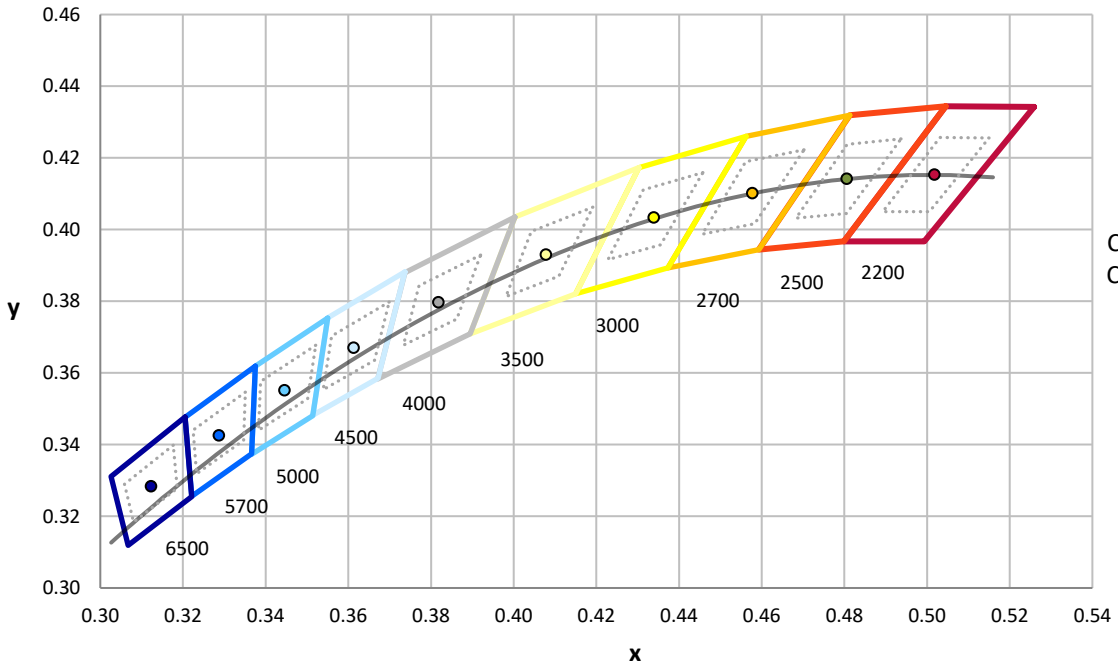
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

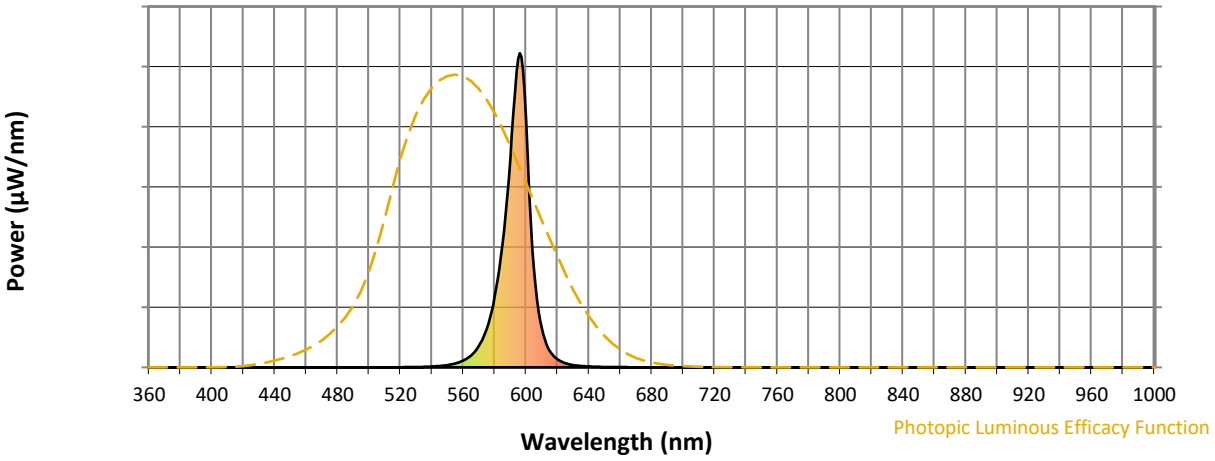


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

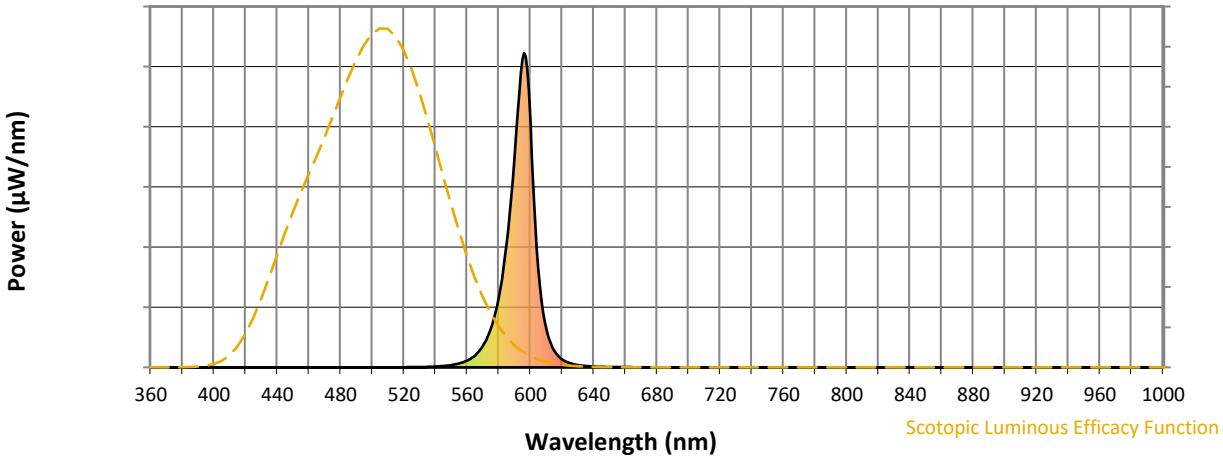


Photopic Lumens: NR

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

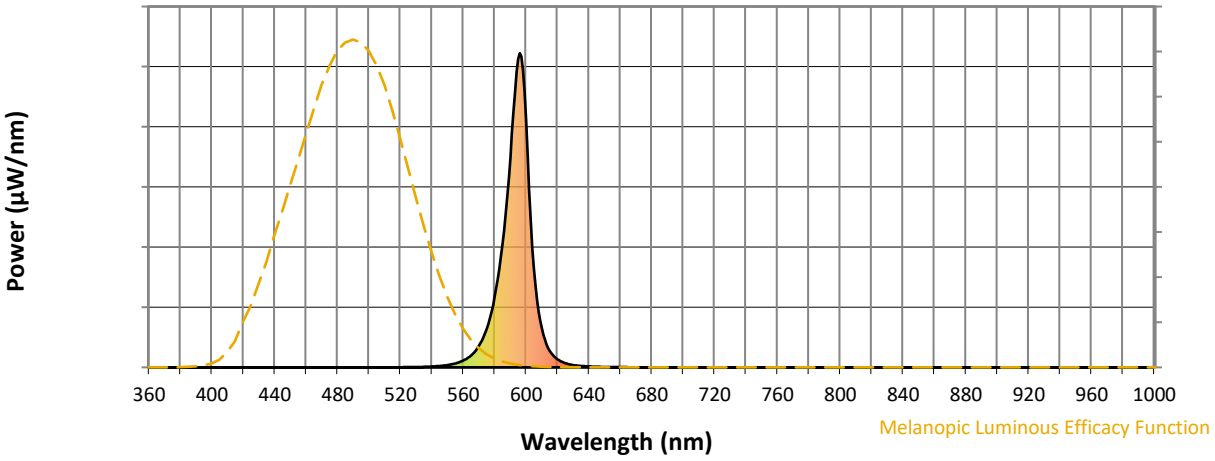


Scotopic Lumens: NR **S/P: 0.23**

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			

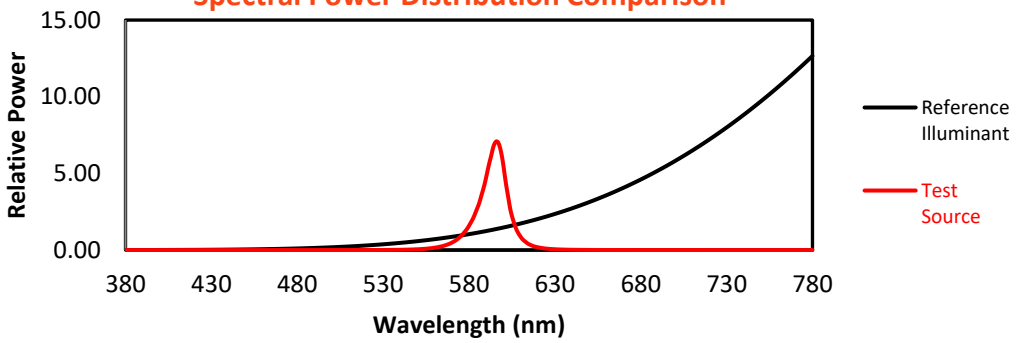
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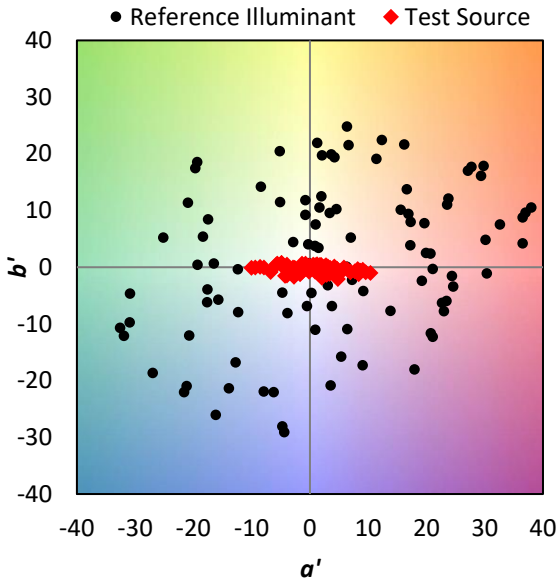
Summary

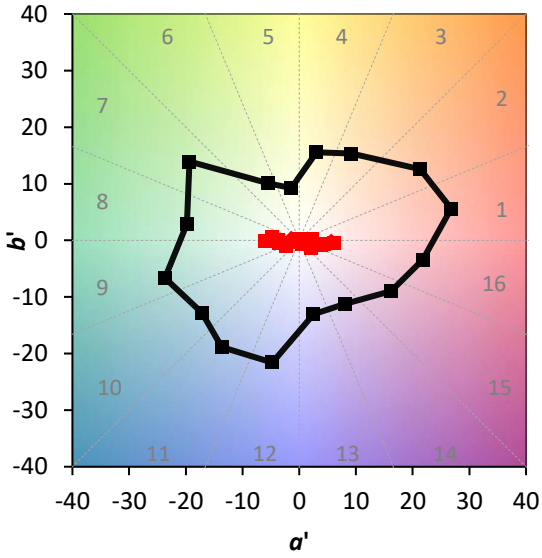
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

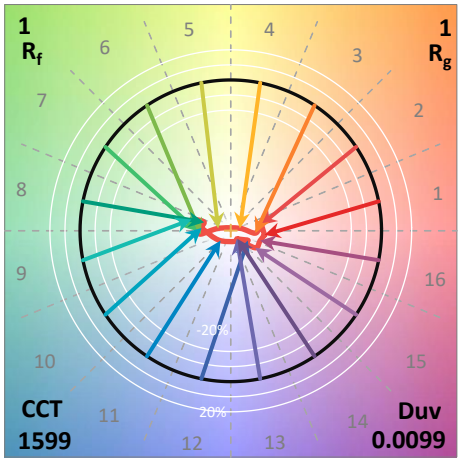
Spectral Power Distribution Comparison

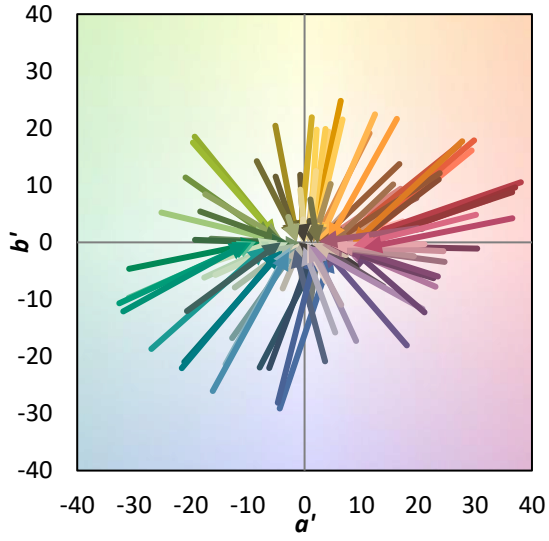


Color Vector Graphics







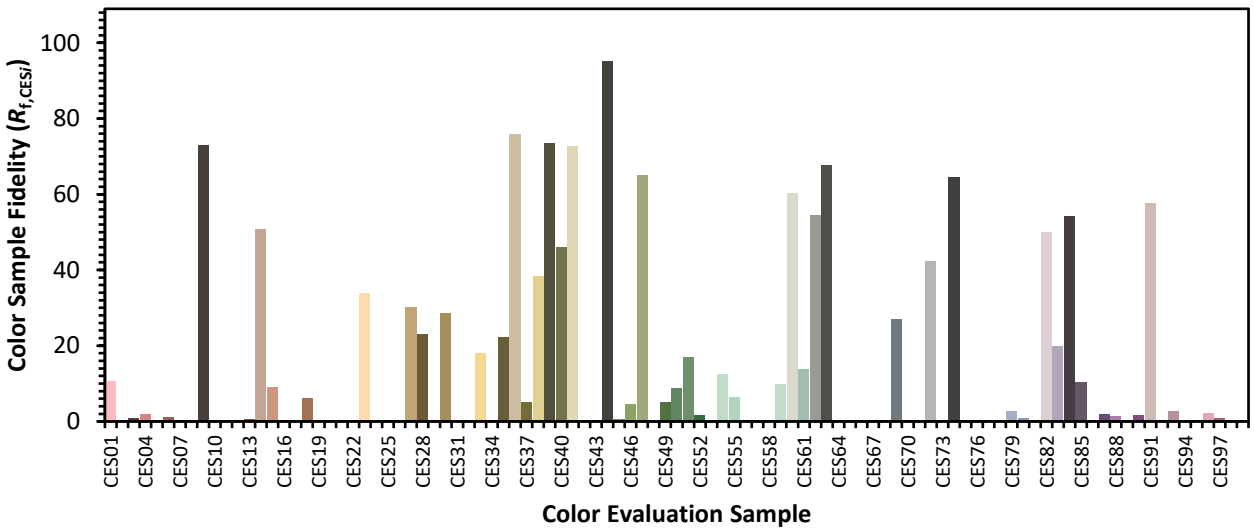


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Individual Sample Fidelity Index ($R_{f,i}$)

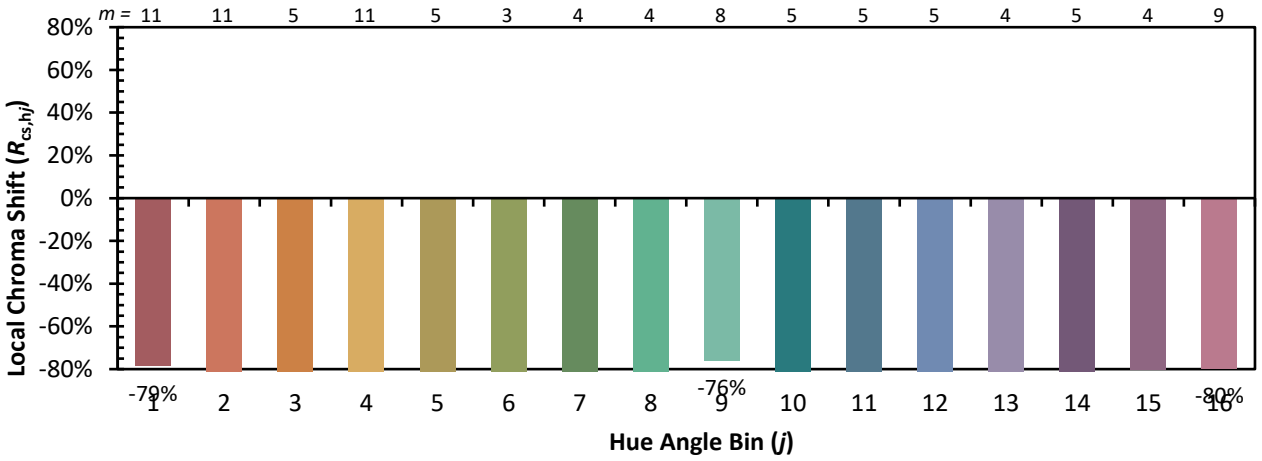
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

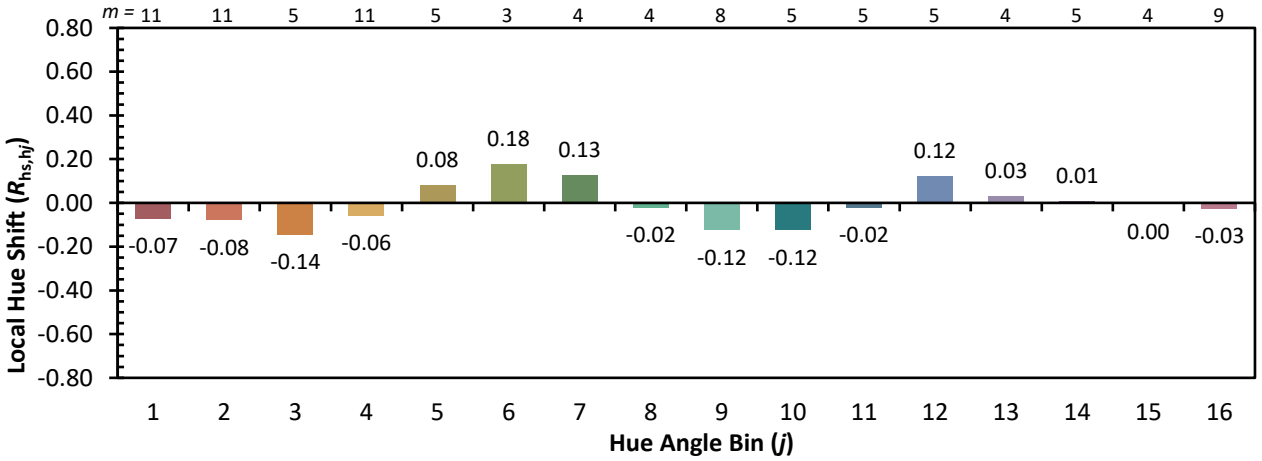


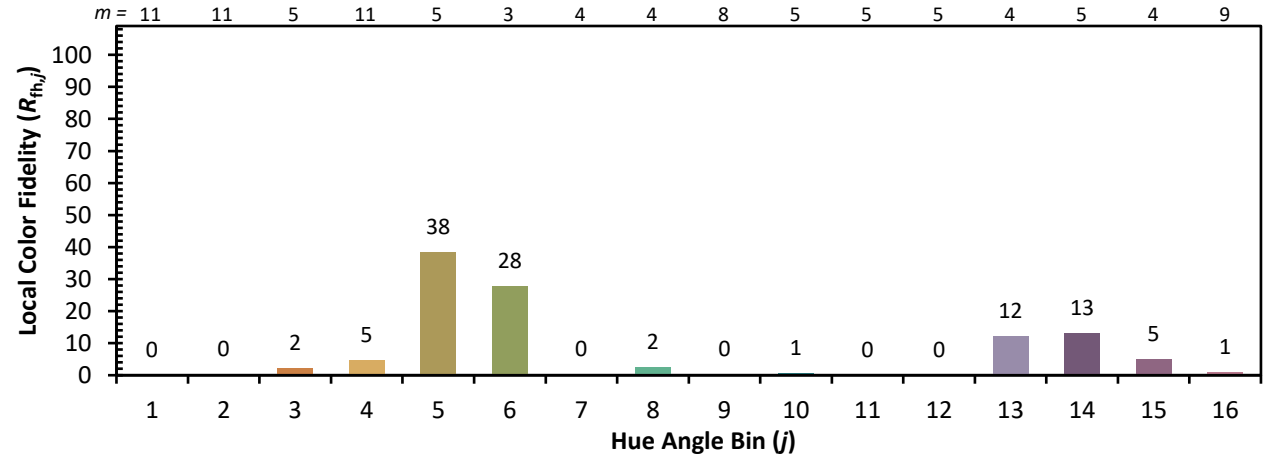
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Color Rendition by Hue-Angle Bin



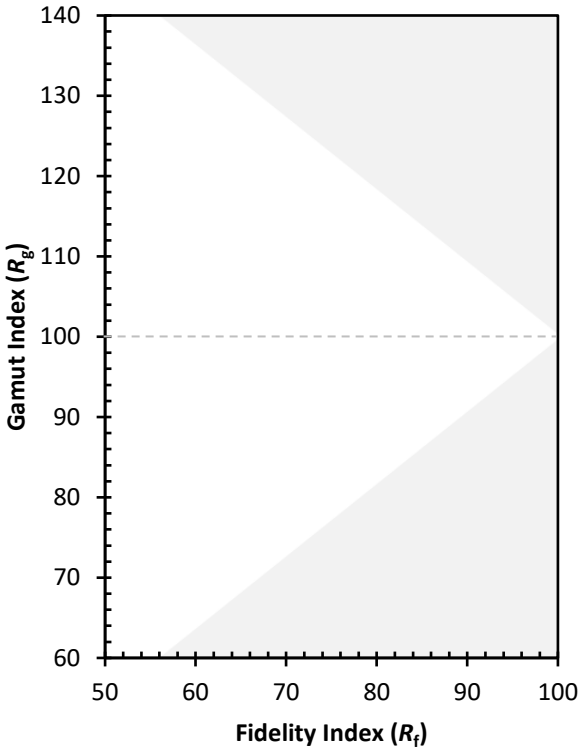


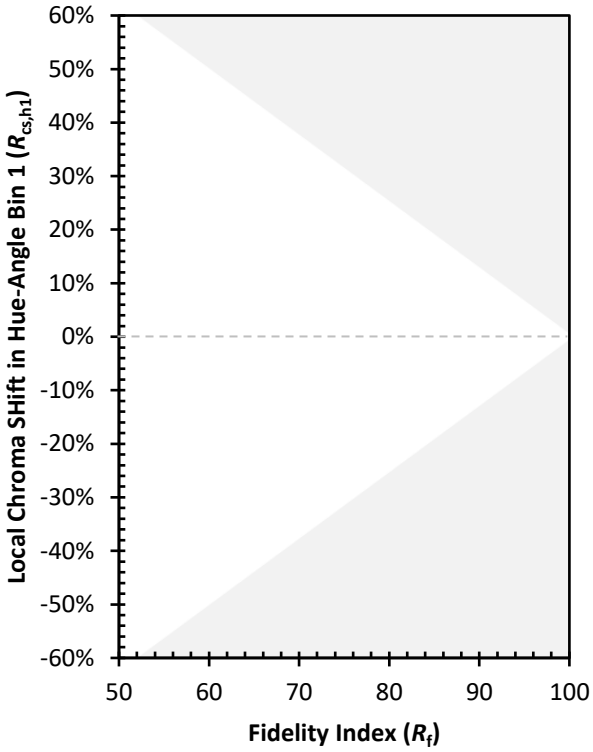


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Measure Comparisons





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