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: P1704731

Luminaire Tested: GSS-SB4A-AMB-U-T3LG-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:	P1704731
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-AMB-U-T3LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 4SQUARE 130W 1590K FIXTURE w/ T3 LOW GLARE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(104) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6830.4 lumens
Efficiency:	N/A
Efficacy:	52.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	130.1
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

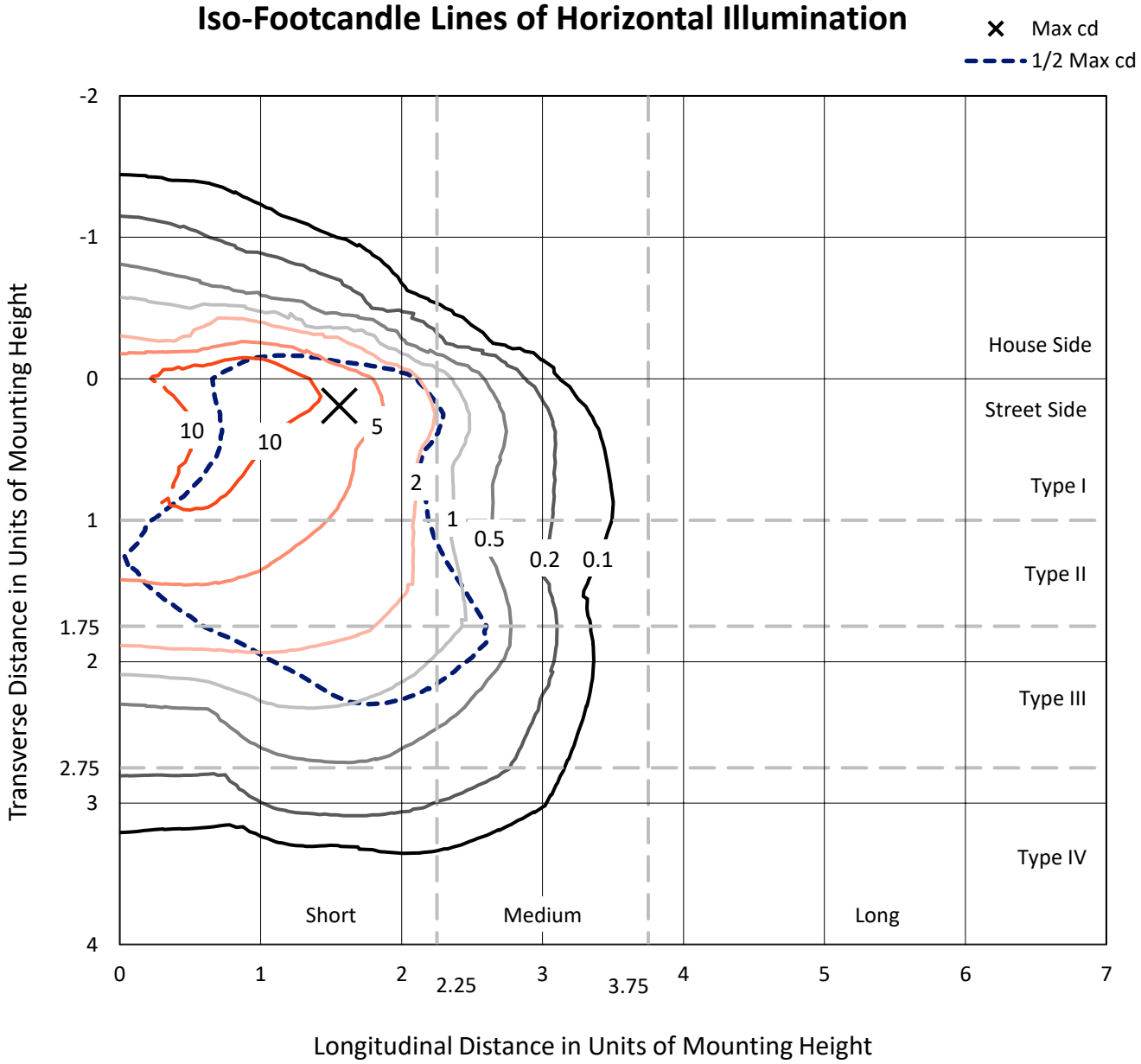


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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



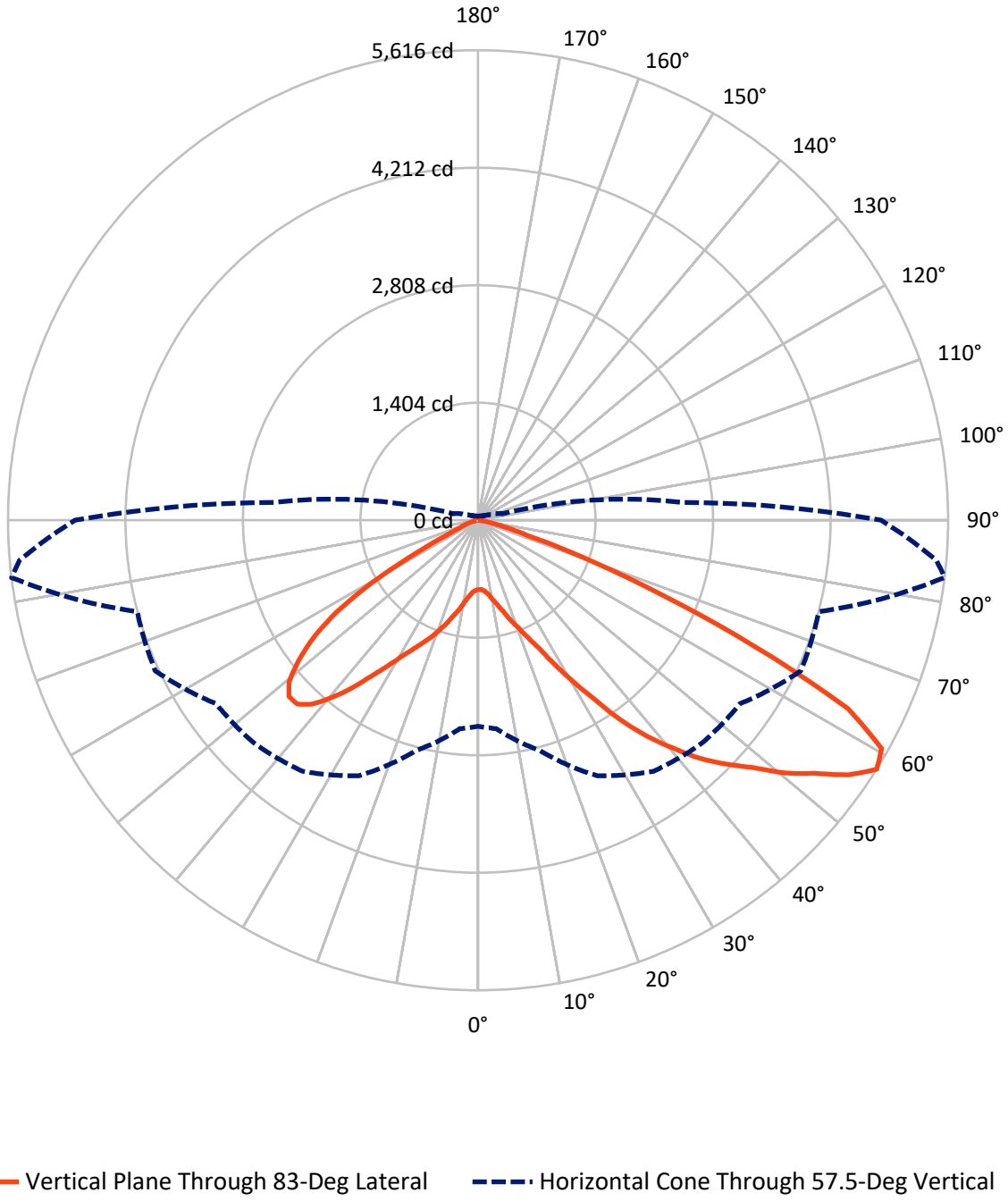
Based on 10 foot mounting height. Maximum calculated value = 16.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1704731
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Luminous Intensity Polar Plot



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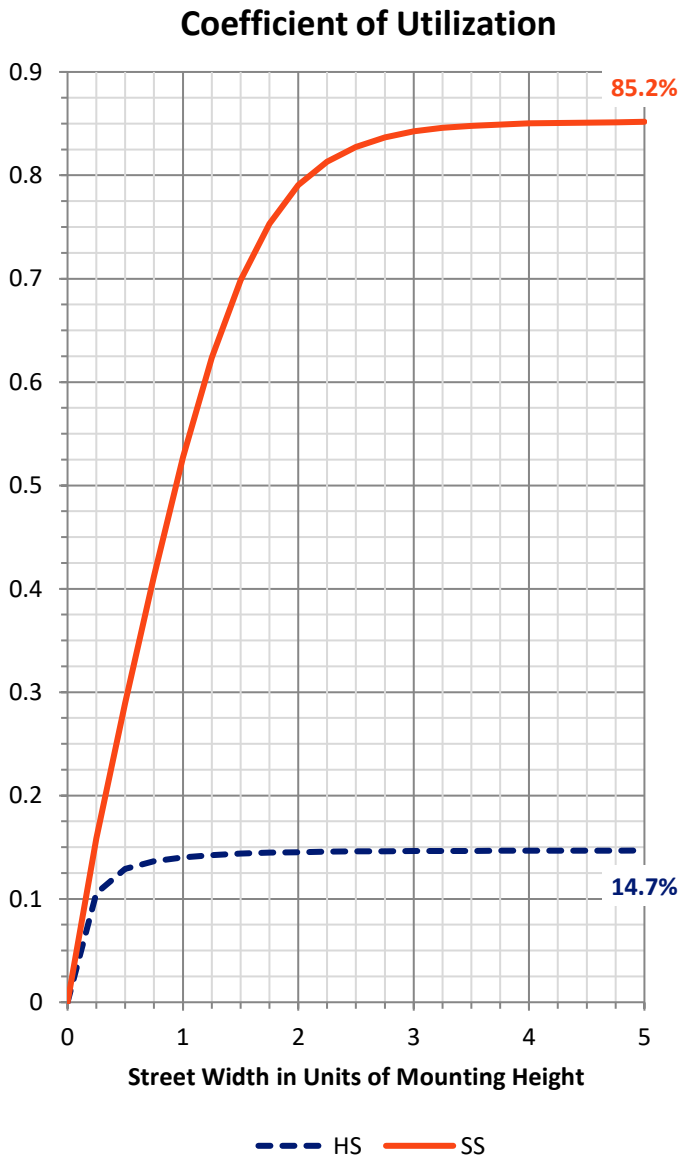
REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1010.8	0.0	1010.8
	% Fixture	14.8	0.0	14.8
Street Side	Lumens	5819.7	0.0	5819.7
	% Fixture	85.2	0.0	85.2
Total	Lumens	6830.4	0.0	6830.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.8	1.1
10°-20°	200.8	2.9
20°-30°	382.4	5.6
30°-40°	830.6	12.2
40°-50°	1464.5	21.4
50°-60°	1867.3	27.3
60°-70°	1557.3	22.8
70°-80°	434.1	6.4
80°-90°	17.7	0.3
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°	6830.4	100.0
0°-180°	6830.4	100.0



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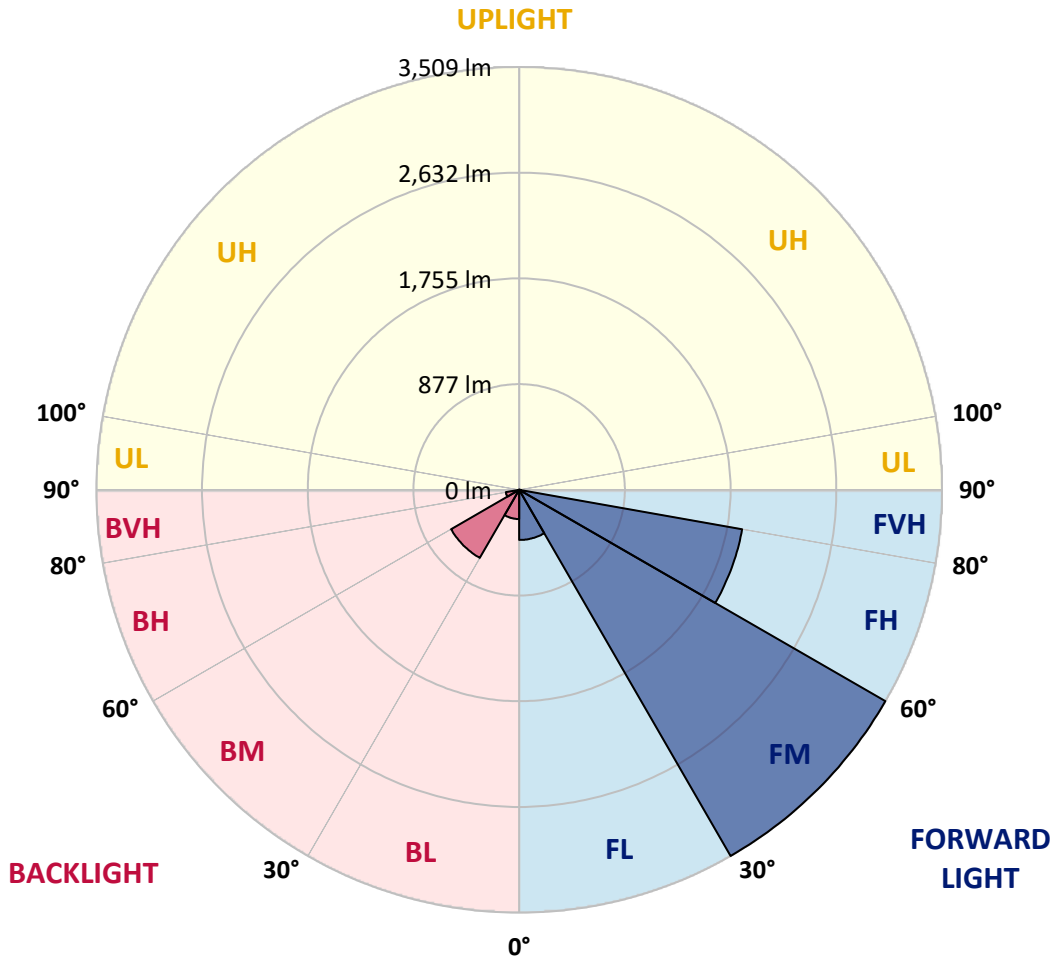
Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	416.3	6.1			
FM	(30°-60°)	3509.3	51.4			
FH	(60°-80°)	1878.6	27.5			G2/5000
FVH	(80°-90°)	15.4	0.2			G1/100
BL	(0°-30°)	242.7	3.6	B1/500		
BM	(30°-60°)	653.0	9.6	B1/1000		
BH	(60°-80°)	112.8	1.7	B1/500		G1/500
BVH	(80°-90°)	2.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1704731
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	*828.2*	828.2
2.5°	816.3	812.4	804.5	808.4	812.4	812.4	816.3	820.3	828.2	*828.2*	836.0
5°	705.9	705.9	709.8	729.6	749.3	772.9	800.5	824.2	843.9	*851.8*	851.8
7.5°	646.7	642.8	646.7	650.7	674.4	717.7	772.9	828.2	875.5	*891.3*	907.0
10°	646.7	646.7	646.7	654.6	662.5	686.2	745.3	832.1	922.8	*962.2*	970.1
12.5°	650.7	650.7	650.7	658.6	670.4	694.1	733.5	855.8	982.0	*1037.2*	1052.9
15°	658.6	654.6	658.6	670.4	678.3	698.0	757.2	879.4	1049.0	*1131.8*	1151.5
17.5°	674.4	674.4	670.4	678.3	698.0	729.6	780.8	911.0	1143.6	*1250.1*	1265.9
20°	702.0	698.0	698.0	705.9	729.6	776.9	840.0	970.1	1246.2	*1368.4*	1396.0
22.5°	745.3	741.4	737.5	753.2	788.7	840.0	918.9	1052.9	1368.4	*1518.3*	1545.9
25°	824.2	820.3	812.4	828.2	859.7	938.6	1029.3	1191.0	1526.2	*1691.8*	1719.4
27.5°	970.1	970.1	950.4	946.5	978.0	1072.7	1206.7	1400.0	1743.1	*1948.1*	1971.8
30°	1242.2	1222.5	1198.9	1147.6	1147.6	1242.2	1411.8	1644.5	2015.2	*2236.0*	2251.8
32.5°	1427.6	1431.5	1427.6	1411.8	1407.9	1471.0	1672.1	1948.1	2310.9	*2543.6*	2579.1
35°	1609.0	1612.9	1624.8	1672.1	1723.3	1786.4	1987.6	2275.5	2622.5	*2930.1*	2934.0
37.5°	1889.0	1861.4	1869.3	1916.6	2034.9	2169.0	2295.2	2587.0	2949.8	*3273.2*	3332.3
40°	2121.7	2125.6	2180.8	2196.6	2342.5	2516.0	2602.8	2855.2	3162.8	*3576.8*	3647.8
42.5°	2342.5	2354.3	2464.7	2559.4	2697.4	2807.8	2914.3	3052.3	3379.7	*3892.3*	3979.1
45°	2512.1	2535.7	2689.5	2863.0	3036.6	3076.0	3143.0	3245.6	3529.5	*4156.5*	4267.0
47.5°	2583.1	2622.5	2855.2	3131.2	3296.8	3332.3	3300.8	3367.8	3663.6	*4412.9*	4507.5
50°	2642.2	2673.8	2957.7	3289.0	3494.0	3521.6	3363.9	3505.9	3809.5	*4748.1*	4823.0
52.5°	2717.1	2768.4	3048.4	3375.7	3592.6	3592.6	3379.7	3675.4	3963.3	*5024.1*	5091.2
55°	2614.6	2642.2	3048.4	3399.4	3600.5	3667.5	3505.9	3975.1	4140.8	*5371.2*	5343.6
57.5°	*2460.8*	*2500.2*	*2847.3*	*3367.8*	*3659.7*	*3774.0*	*3821.3*	*4255.1*	*4215.7*	*5615.7*	*5497.4*
60°	2342.5	2334.6	2642.2	3257.4	3746.4	3912.0	4172.3	4401.0	4081.6	*5540.7*	5414.6
62.5°	1873.2	1916.6	2362.2	2997.1	3726.7	4026.4	4476.0	4263.0	3675.4	*4965.0*	4692.9
65°	1041.1	1096.3	1553.8	2575.2	3537.4	4097.4	4590.3	3809.5	2843.3	*3628.1*	3285.0
67.5°	607.3	634.9	820.3	2169.0	3068.1	4125.0	4294.6	2689.5	1857.4	*2322.8*	2094.0
70°	548.2	556.0	627.0	1849.5	2740.8	3557.1	3647.8	1664.2	1202.8	*1321.1*	1163.4
72.5°	406.2	390.4	441.7	1234.3	2224.2	2547.6	2847.3	934.6	741.4	*611.3*	532.4
75°	98.6	102.5	134.1	402.2	1080.5	1557.7	1076.6	433.8	496.9	*327.3*	291.8
77.5°	59.2	63.1	74.9	134.1	307.6	567.9	264.2	236.6	299.7	*173.5*	153.8
80°	39.4	43.4	51.3	74.9	118.3	161.7	71.0	122.3	153.8	*98.6*	90.7
82.5°	11.8	11.8	27.6	39.4	55.2	51.3	35.5	55.2	82.8	*51.3*	43.4
85°	7.9	7.9	15.8	19.7	23.7	19.7	11.8	23.7	43.4	*27.6*	19.7
87.5°	0.0	0.0	0.0	0.0	0.0	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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Scaled Data Report

REPORT NUMBER: P1704731
CATALOG NUMBER: GSS-SB4A-AMB-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2
2.5°	832.1	836.0	840.0	840.0	847.9	847.9	847.9	851.8	851.8	851.8	859.7
5°	863.6	863.6	875.5	875.5	875.5	859.7	843.9	832.1	828.2	828.2	824.2
7.5°	911.0	918.9	930.7	914.9	891.3	851.8	792.7	749.3	713.8	705.9	694.1
10°	985.9	993.8	997.7	954.3	879.4	784.8	670.4	560.0	492.9	465.3	465.3
12.5°	1072.7	1096.3	1076.6	982.0	828.2	611.3	410.1	319.4	276.1	260.3	256.3
15°	1179.1	1187.0	1151.5	974.1	670.4	362.8	260.3	240.6	232.7	232.7	232.7
17.5°	1309.3	1313.2	1214.6	907.0	410.1	260.3	236.6	228.7	224.8	224.8	224.8
20°	1439.4	1435.5	1242.2	705.9	287.9	244.5	228.7	216.9	213.0	213.0	213.0
22.5°	1589.3	1577.4	1258.0	465.3	260.3	236.6	220.8	205.1	201.1	201.1	201.1
25°	1762.8	1715.5	1226.5	351.0	256.3	224.8	209.0	189.3	189.3	185.3	189.3
27.5°	2003.3	1896.9	1104.2	343.1	256.3	220.8	197.2	173.5	169.6	169.6	169.6
30°	2287.3	2105.9	978.0	378.6	260.3	213.0	181.4	157.7	153.8	149.9	149.9
32.5°	2587.0	2350.4	899.1	437.7	268.2	197.2	165.6	142.0	138.0	134.1	134.1
35°	2953.7	2594.9	946.5	516.6	280.0	185.3	149.9	130.1	122.3	118.3	122.3
37.5°	3300.8	2870.9	1096.3	603.4	287.9	165.6	134.1	118.3	110.4	106.5	110.4
40°	3592.6	3115.4	1265.9	654.6	264.2	142.0	118.3	102.5	94.6	98.6	102.5
42.5°	3852.9	3348.1	1388.1	607.3	205.1	126.2	102.5	90.7	86.8	90.7	90.7
45°	4081.6	3509.8	1360.5	449.6	165.6	106.5	90.7	82.8	78.9	82.8	82.8
47.5°	4290.6	3565.0	1183.1	264.2	145.9	94.6	82.8	74.9	74.9	74.9	74.9
50°	4483.9	3478.2	926.7	209.0	130.1	86.8	74.9	71.0	67.0	67.0	67.0
52.5°	4681.0	3241.6	638.9	177.5	118.3	82.8	71.0	67.0	59.2	59.2	59.2
55°	4811.2	2914.3	418.0	165.6	110.4	74.9	67.0	63.1	55.2	55.2	55.2
57.5°	*4815.1*	*2449.0*	*299.7*	*153.8*	*94.6*	*71.0*	*63.1*	*59.2*	*51.3*	*47.3*	*47.3*
60°	4570.6	1786.4	220.8	138.0	86.8	67.0	59.2	55.2	47.3	43.4	43.4
62.5°	3829.2	985.9	173.5	122.3	78.9	59.2	55.2	51.3	43.4	39.4	35.5
65°	2472.6	489.0	134.1	102.5	74.9	55.2	51.3	43.4	35.5	31.5	27.6
67.5°	1467.0	287.9	102.5	78.9	59.2	47.3	43.4	35.5	31.5	27.6	23.7
70°	694.1	216.9	74.9	59.2	47.3	35.5	35.5	31.5	27.6	23.7	19.7
72.5°	311.5	165.6	51.3	47.3	35.5	23.7	27.6	27.6	23.7	15.8	15.8
75°	213.0	110.4	35.5	35.5	23.7	19.7	19.7	19.7	15.8	15.8	15.8
77.5°	130.1	71.0	23.7	23.7	15.8	11.8	15.8	15.8	11.8	7.9	7.9
80°	67.0	43.4	15.8	15.8	7.9	7.9	11.8	7.9	7.9	3.9	3.9
82.5°	27.6	23.7	7.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	11.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	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

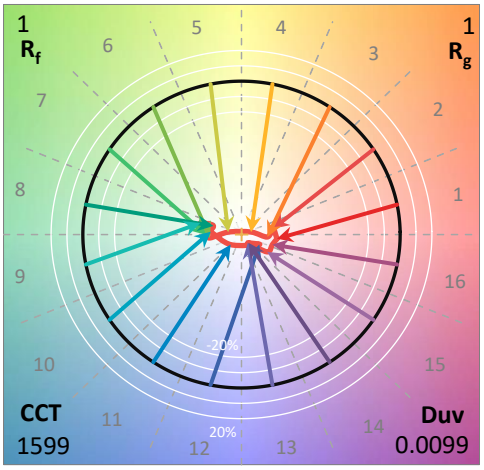
Test Information

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

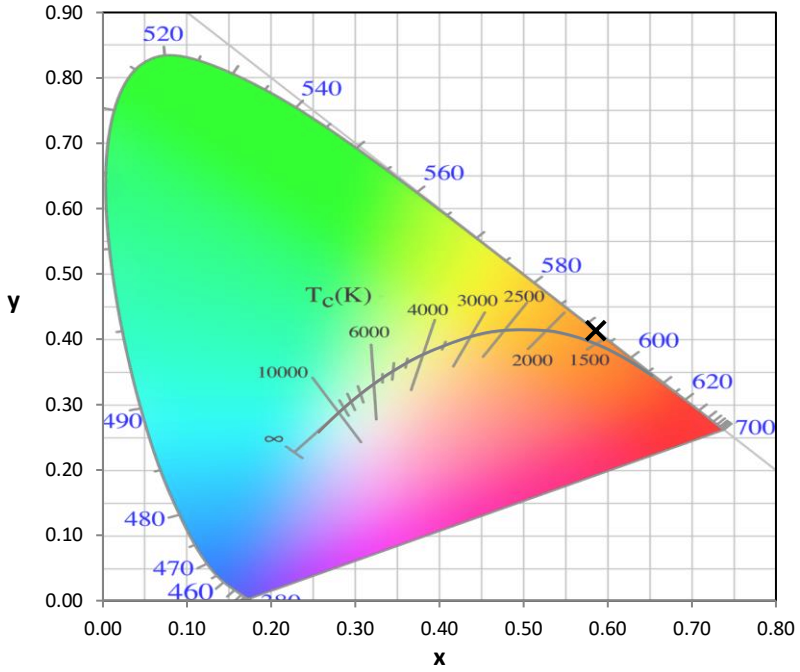
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

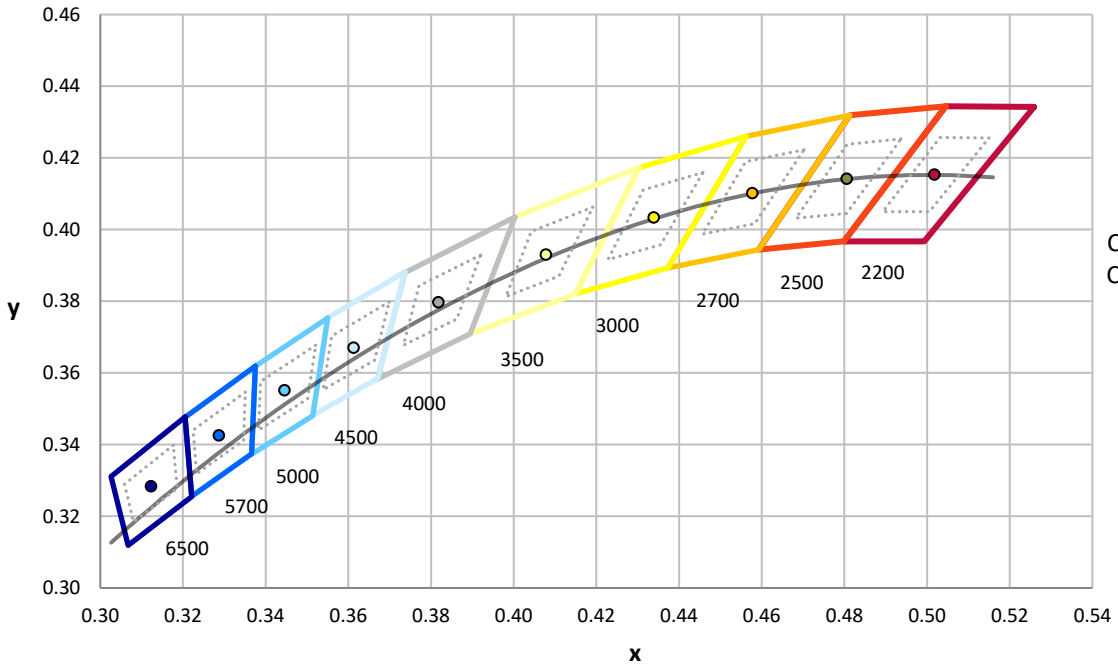
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

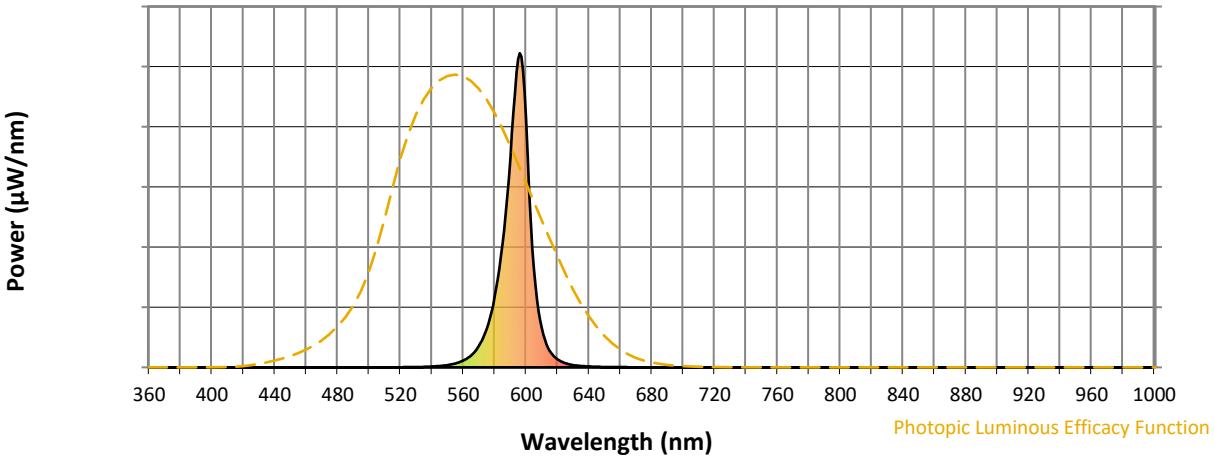


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

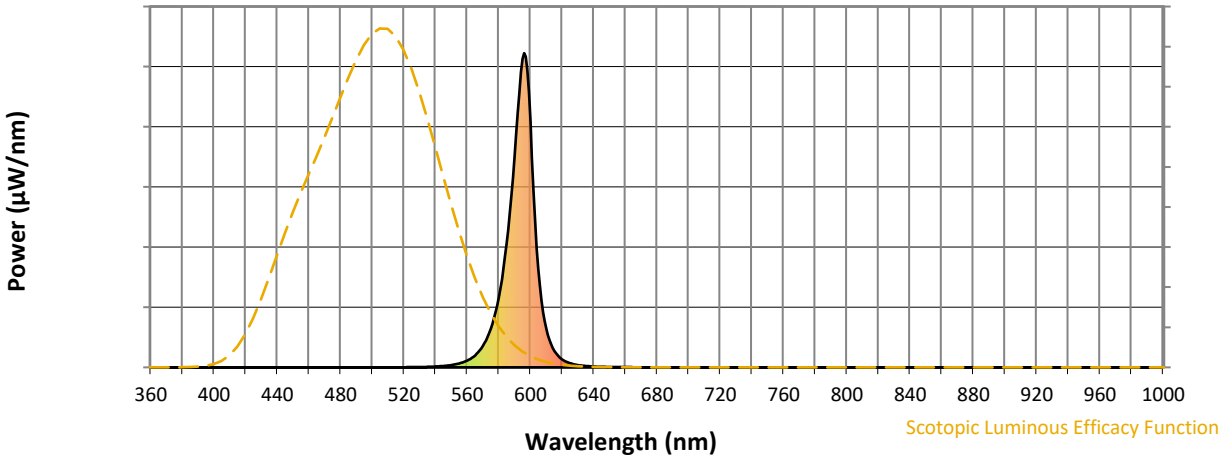


Photopic Lumens: NR

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

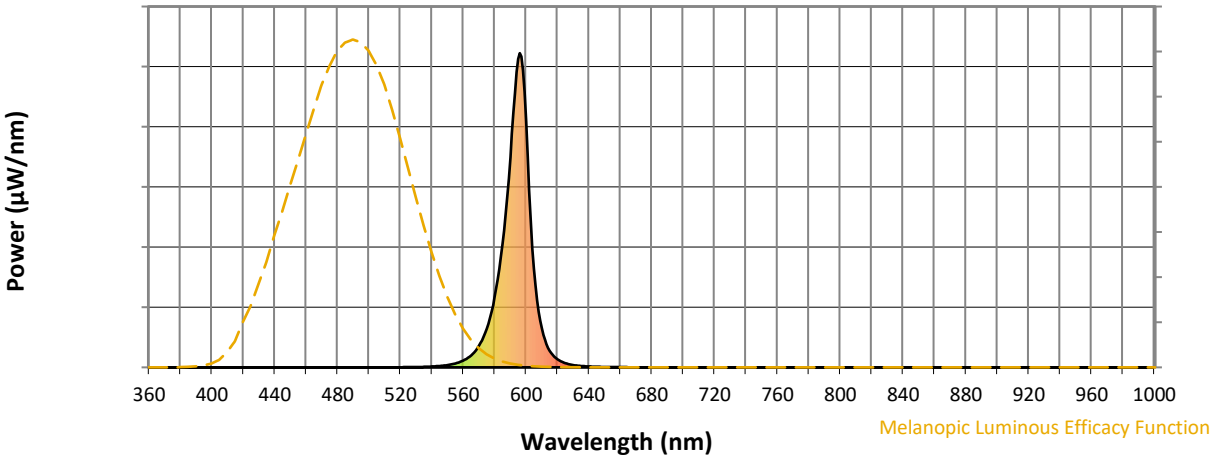


Scotopic Lumens: NR **S/P: 0.23**

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			

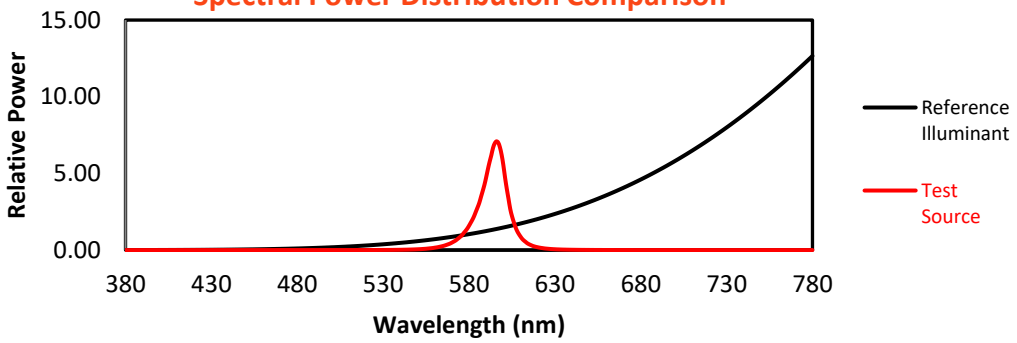
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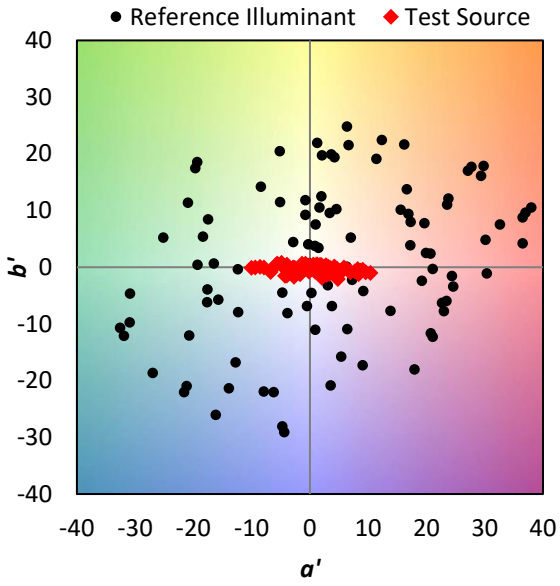
Summary

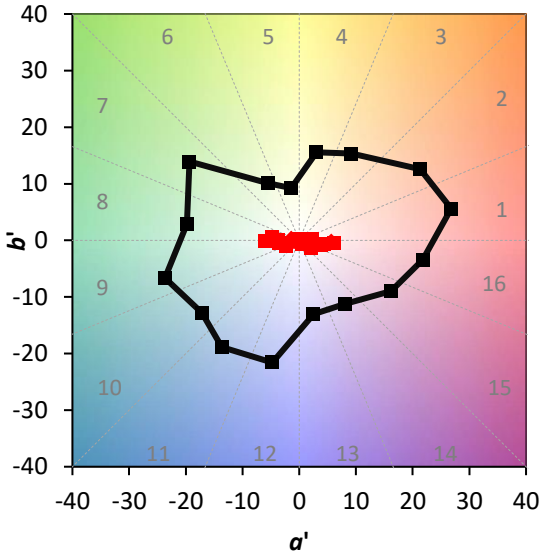
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

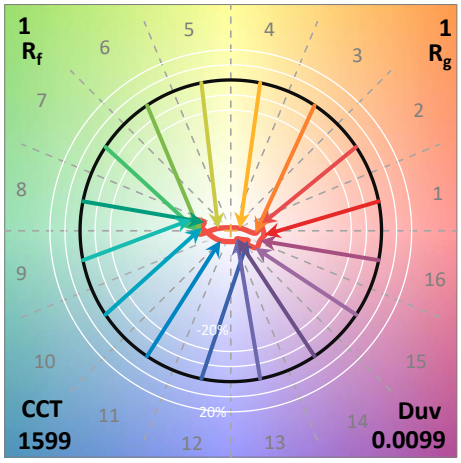
Spectral Power Distribution Comparison

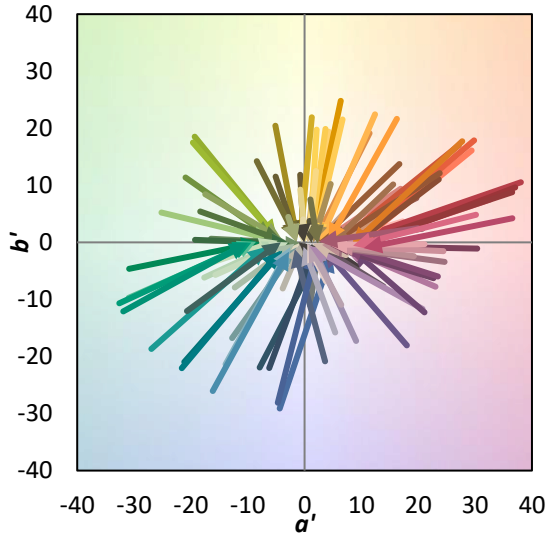


Color Vector Graphics







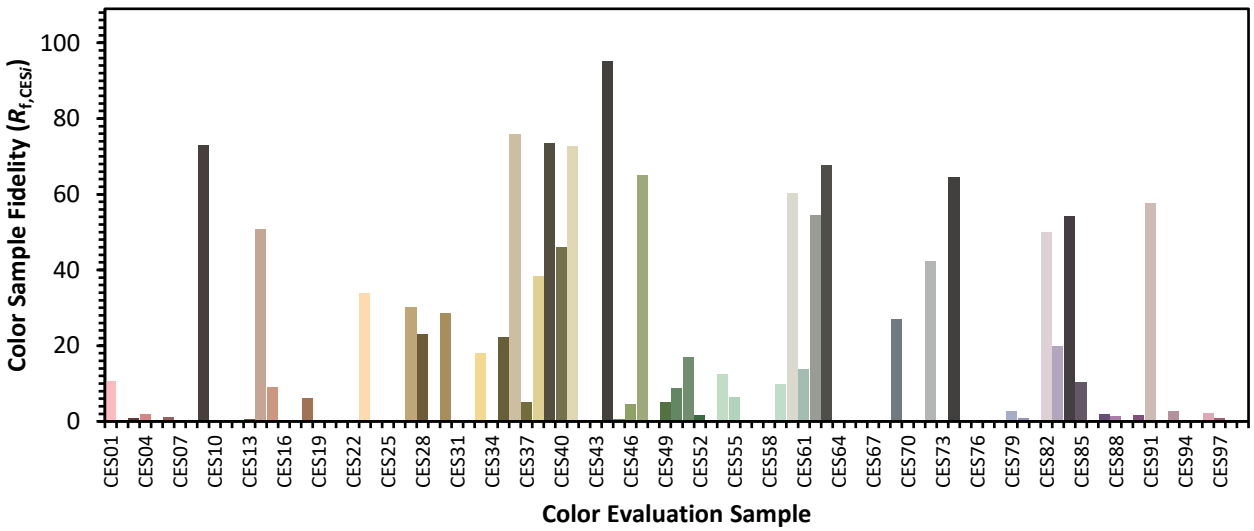


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Individual Sample Fidelity Index ($R_{f,i}$)

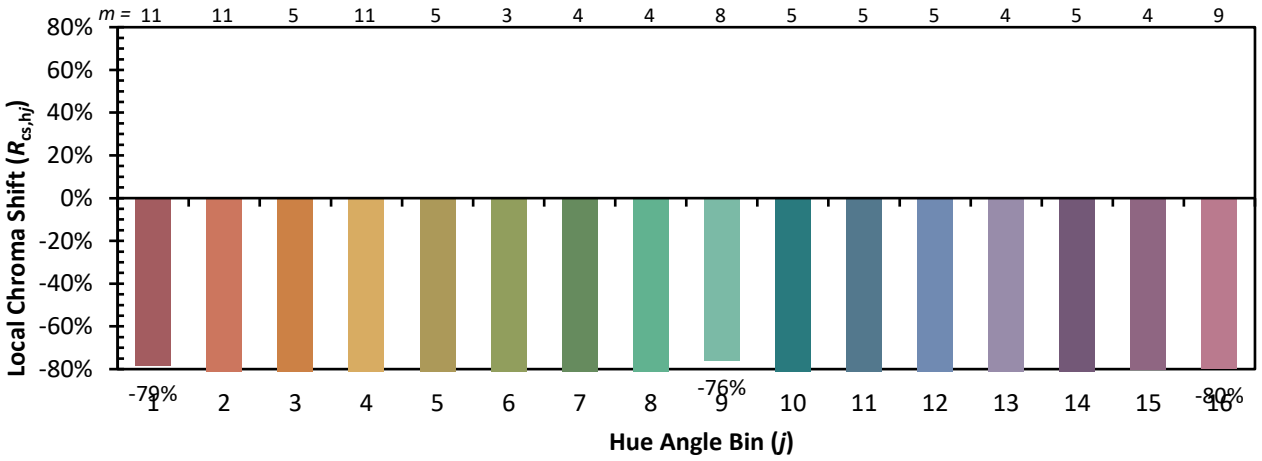
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

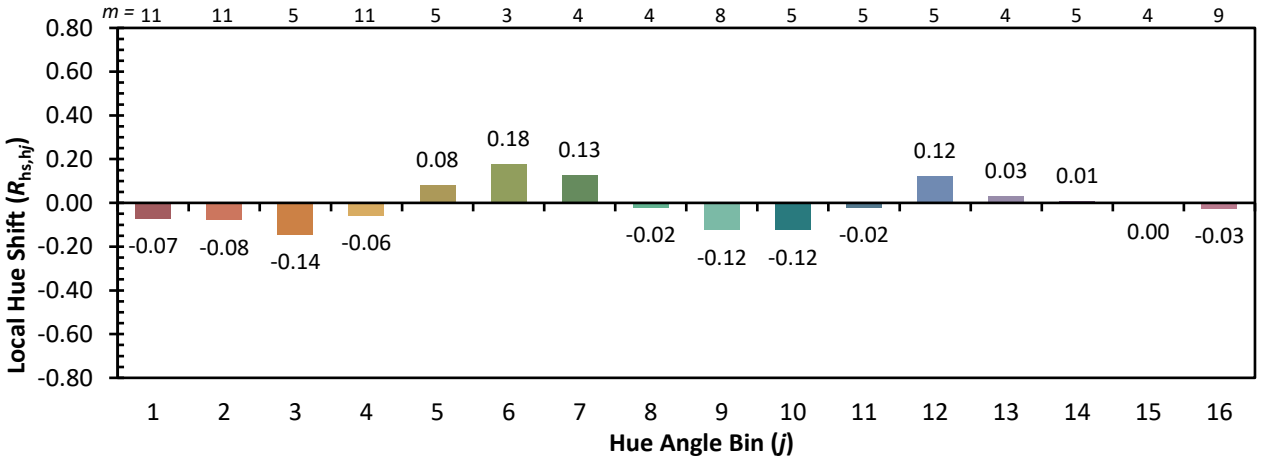


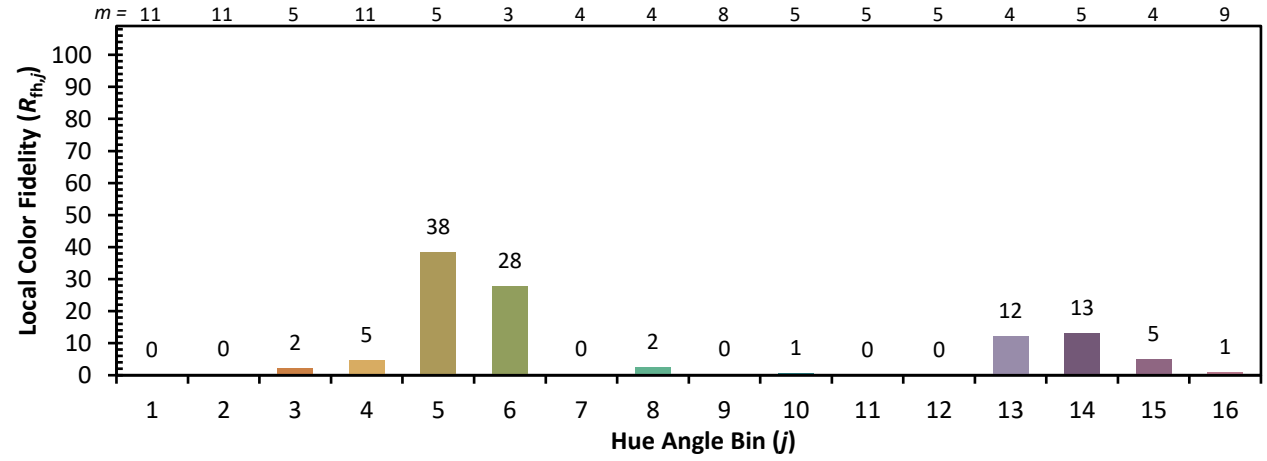
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Color Rendition by Hue-Angle Bin



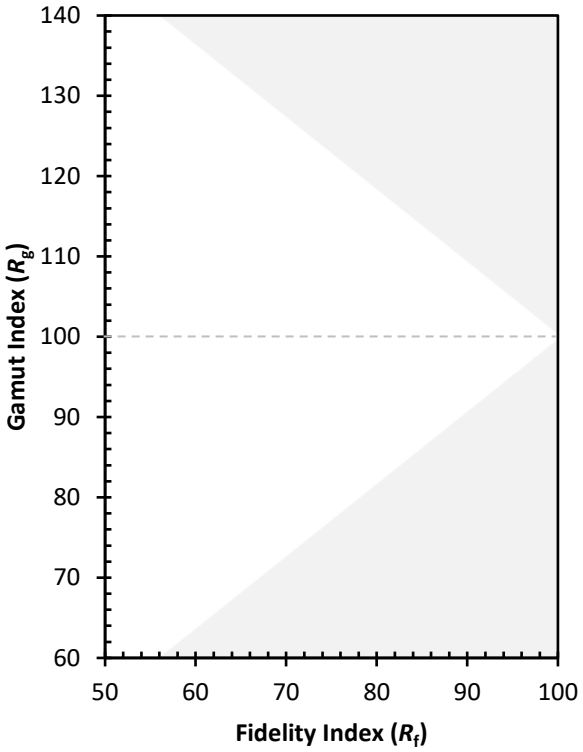


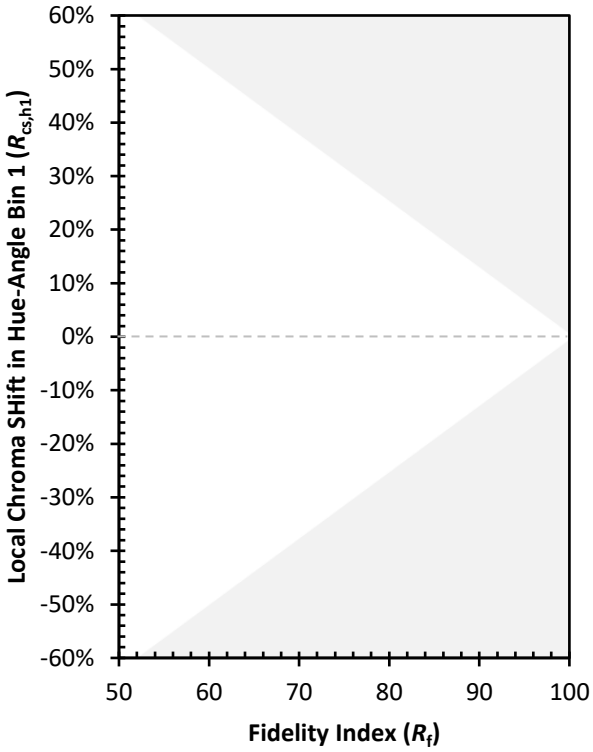


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Measure Comparisons





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